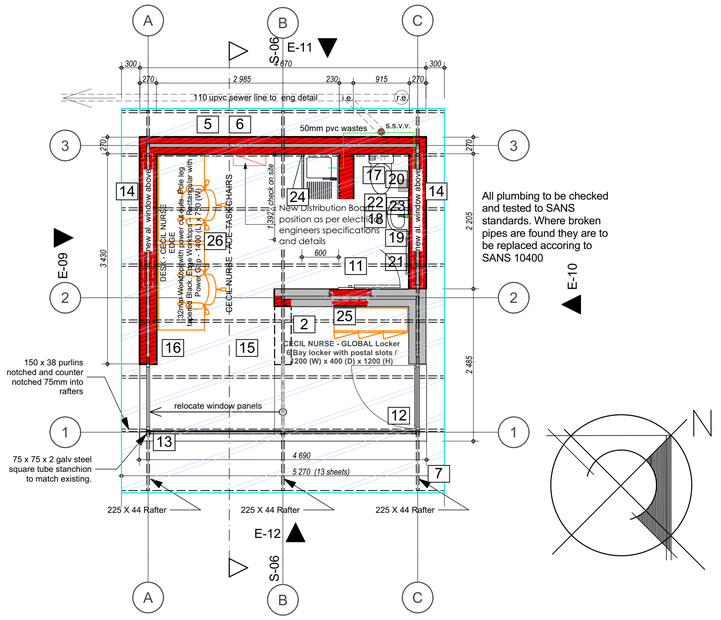




BLOCK Q - GUARD HOUSE - EX. FLOOR PLAN
SCALE 1 :25

BLOCK Q - GUARD HOUSE - PROPOSED FLOOR PLAN
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - SOUTH WEST ELEVATION 09
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - NORTH WEST ELEVATION 11
SCALE 1 : 50

Q	EXTEND GATE HOUSE AS PER PLAN	
ITEM	**CODE**	**SPECIFICATION**
EXISTING STRUCTURE	1.	Remove existing roof sheeting and roof structure
	2.	Demolish section of existing wall, remove window and brick up opening as indicated on plan.
NEW STRUCTURE		Build up altered and extended building as per detail plan.
FOUNDATIONS	3.	Excavate and cast foundations as per engineers detail
FOUNDATION WALLS. FILLING, DPM AND CONRETE FLOOR SLAB	4.	Build up new 230 mm foundation walls of 14MPA NFX bricks in class 2 mortar with 150mm wide reinforcement in each course all as per PW 371. Fill with inert material and compact to 95% MOD AASHTO Lay 50mm sand bed. Lay 250micron damp proof membrane. Cast new 100mm 20MPa concrete surface bed with Ref 193 fabric reinforcement as per Eng. detail with powerfloat finish. Cure for minimum 7 days.
SUPERSTRUCTURE	5.	Build up new 230 mm walls of 14MPa NFX bricks in class 2 mortar with 150mm wide reinforcement every 4th course all as per PW 371. To heights indicated on plan.
EXTERNAL AND INTERNAL WALLS	6.	To all walls. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Clean down, patch, prepare and prime plastered wall as per paint manufacturer's specification Apply 1 coat alkali resistant plaster primer Apply 2 coats acrylic emulsion paint for exterior use.
ROOF STRUCTURE	7.	New secret fix galv. rib trough sheets to match existing (Kliplock or equal) 3 off roof rafters of 225 x 44 S.A.pine p.a.r as per roof plan and at slope to match the existing slope. Rafters secured to walls with 32mm hoop iron wrapped and spiked to rafter and built into brickwork min 600mm and secured to galv. columns at corners and junction of new and existing window sections. 152 x 38 purlins notched into roof rafters. Prime sprockets and exposed rafters I coat wood primer. Apply 3 coats superior quality universal enamel. Fit purpose made bent 0.8 mm galv. factory colour coated sheet iron fascia and side barges.
RAINWATER GOODS	8.	Small Ogee profile aluminium seamless gutter, overall size 85 x 85 x 0,6mm thick coated internally and externally with ColourTech G4 in colour Anthracite Black including stop ends crimped and all sealed on the inside with silicone sealer, secured to timber fascia with 25 x 2,5mm L - Shaped and internal brackets at 600mm centres using passivated serrated nails, with 75 x 50 x 0,6mm thick aluminium downpipe Anthracite Black fixed to wall with straps at 1500mm centres using nail plugs, with downpipes riveted and silicone sealed to gutter outlets, including all necessary bends, elbows, shoes etc.
CEILINGS + CORNICES	9.	Fit new 75mm T&G boarding ceiling on to u/s of purlins between rafters Fit 44 x 18 S.A.pine cornice on flat to all ceilings. Sand down, clean and prime new timber with timber primer. Allow to dry. Apply 1 coat alkyd based universal undercoat. Apply 2 coats superior quality universal enamel
INSULATION	10.	Fit 100mm woodwool / fibreglass insulation blanket between rafters and purlins.
INTERNAL DOOR	11.	Single rebate galv. doorframe for 230 plastered wall of 1,2mm pressed steel. 2032 x 815 x 44mm semi solid flush panel door on 1 and half pairs steel butt hinges. Mortice turn button toilet indicator deadbolt. Prime and paint 3 cts universal enamel
ALUMINIUM WINDOWS AND DOOR	12.	Refit reused aluminium windows and door. Replace damaged powder coated aluminium window frame sections. Sections as per NuKlip system. Service ironmongery and door furniture to existing aluminium door
	13.	Provide and fit new galv. corner stanchion to match existing to support roof and attach aluminium shopfronts and side panel Provide and fit new aluminium windows equal to the existing front window panel and attach re-used side panel.
	14.	Fit new aluminium windows with 6mm safety glazing as per SANS 10137 between top of brickwork and underside of roof rafter as per plan. Provide plaster cill.
FLOOR FINISH	15.	Hack off existing screed. Cast new 30mm pigmented screed to entire extended structure
SKIRTINGS	16.	Fit new 75 x 19 back trenched hardwood timber skirting. Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	17.	Fit new vitreous china WC with low level 6L cistern with a 90° outlet wash down pan and matching 6 litre SISO cistern complete with lid, fitments and flushpipe equal to Vaal Aquasave Low Level suite Product Code 750151 or other approved. Connect to 110 pvc sewer with sabs approved pvc pan connector.
	18.	Fit to wall 455 x 290 vitreous china basin with one taphole, integrated overflow and chainstay hole equal to Vaal Bantam Cloakroom basin product code 7030 or equal and approved other. Fit c.p waste and bottle trap and connect to 50mm wastepipe.
	19.	Fit 15mm basin pillar tap as per Ledimo or equal approved. Connect to cold water supply
	20.	Provide and fit c.p. thief proof toilet roll holder
	21.	Provide and fit 600mm c.p 19mm towel rail and brackets.
	22.	Provide 2 tile high 150X150 white glazed tile splashback above basin
	23.	Provide and fit to wall above basin 600 x 400 mirror fixed to wall with 4 x domed mirror screws
JOINERY	24.	Provide and fit drop in stainless steel sink unit on new cupboard as per drawing. Fit 15mm c.p. single tap prep bowl tap with 116 throw swivel aerated outlet as per Cobra S-044 r equal approved to sink unit. Provide 150 x 150 w.g.t 2 tile high splashback behind sink unit laid in cementitious adhesive and with waterproof grout to joints.
LOCKER	25.	Provide 1200 (W) x 400 (D) x 1200 (H) locker as per drawing as per MANUFACTURER - GLOBAL Locker 6 Bay locker with postal slots or equal approved.
DESKS AND CHAIRS	26.	Provide desks 1400 (L) x 750 (W) 32mm Worktops with power cut outs on tapered pole legs as per MANUFACTURER Edge Worktops or equal approved. Provide height adjustable swivel chairs having Black polypropylene shell, fixed arms, black nylon 5-star base on castors, seat & back upholstered in standard dark grey fabric as per Manufacturer Ace task chairs or equal approved other.

BLOCK Q - GUARD HOUSE - NORTH EAST ELEVATION 10
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - SOUTH EAST ELEVATION 12
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - SECTION 06
SCALE 1 : 50

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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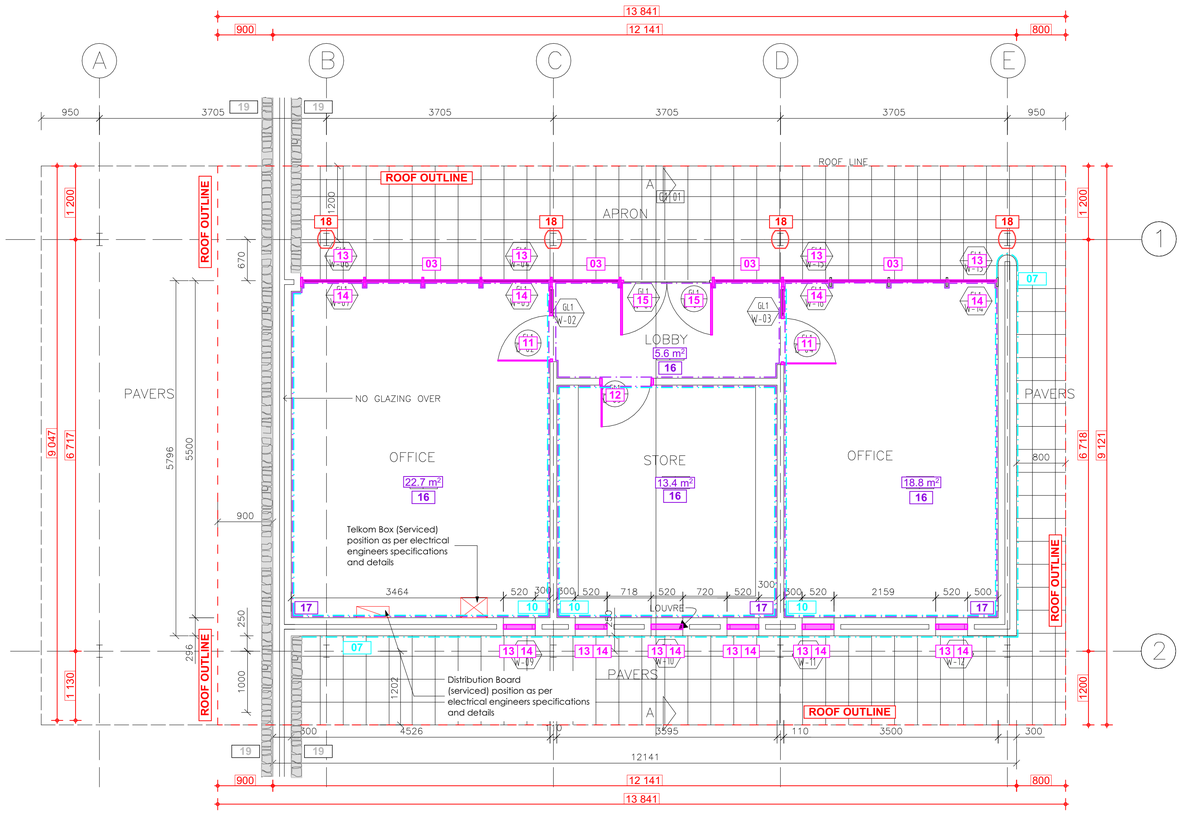
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MR. MZIWONKE DLABANTU

INTSIKA architects

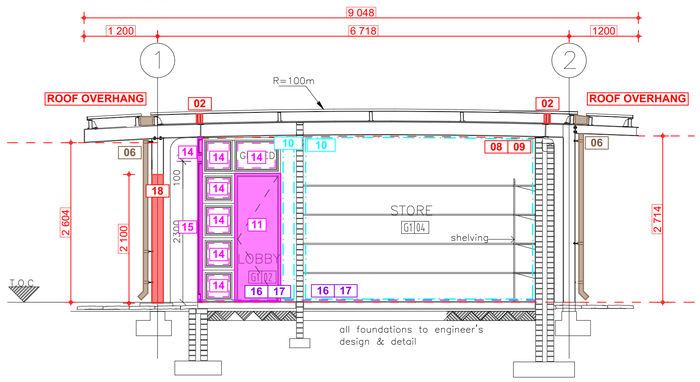
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK Q - GUARD HOUSE** FLOOR PLAN + SECTIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.16.1
rev no.	



BLOCK G - ADMINISTRATION OFFICE - FLOOR PLAN

SCALE 1 : 50



BLOCK G - ADMINISTRATION OFFICE - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
G	ADMINISTRATION OFFICE	
ITEM	**CODE**	**SPECIFICATION**
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down, patch, prepare and prime plastered wall as per paint manufacturer's specification Apply 1 coat alkali resistant plaster primer Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing
CEILINGS + CORNICES	8.	Replace 44 x18 S.A. pine cornice approx. 3500 long in Office G05. Sand down, clean and prime new timber with timber primer. Allow to dry. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
INTERNAL TIMBER DOORS	11.	Remove existing timber doors to offices. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels to match existing external door. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To Store room door: Replace mortice lock and ironmongery with new cylinder mortice lock and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint door and frame 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	13.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	14.	Replace all rubber seals to shopfront type aluminium glazing beads
	15.	Realign right hand side of outward opening double glass and aluminium door. Fit new stainless steel ball bearing hinges to both doors. Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	16.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey "Husks of Wheat" Colour 4GCP.
SKIRTINGS	17.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	19.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

N

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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key plan

other notes

NO	DATE	AMMENDMENT	DPW

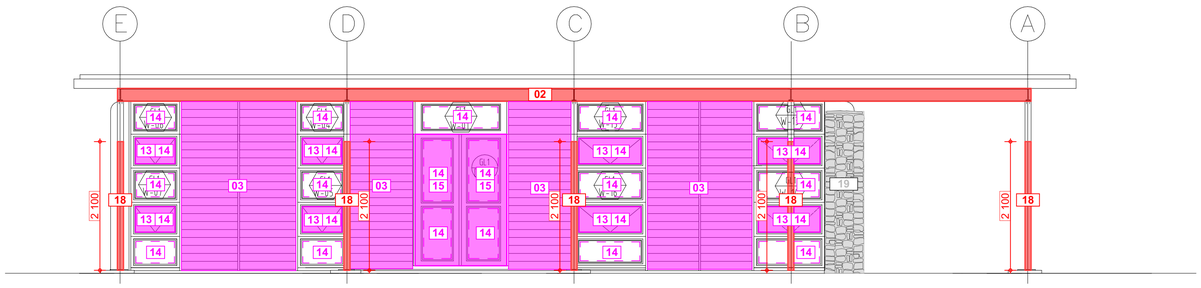
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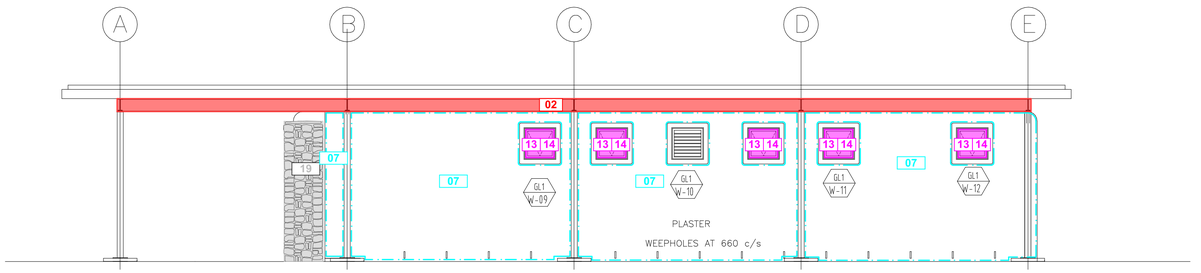
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK G - ADMIN OFFICE** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
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rev no.	



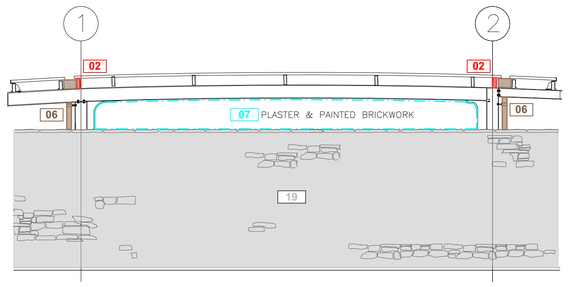
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SCALE 1 : 50



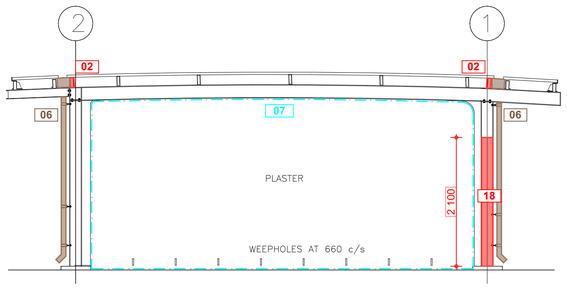
BLOCK G - ADMINISTRATION OFFICE - NORTH WEST ELEVATION

SCALE 1 : 50



BLOCK G - ADMINISTRATION OFFICE - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK G - ADMINISTRATION OFFICE - SOUTH WEST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

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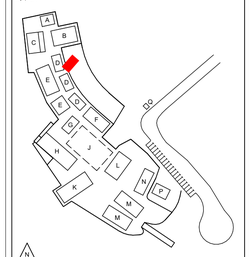
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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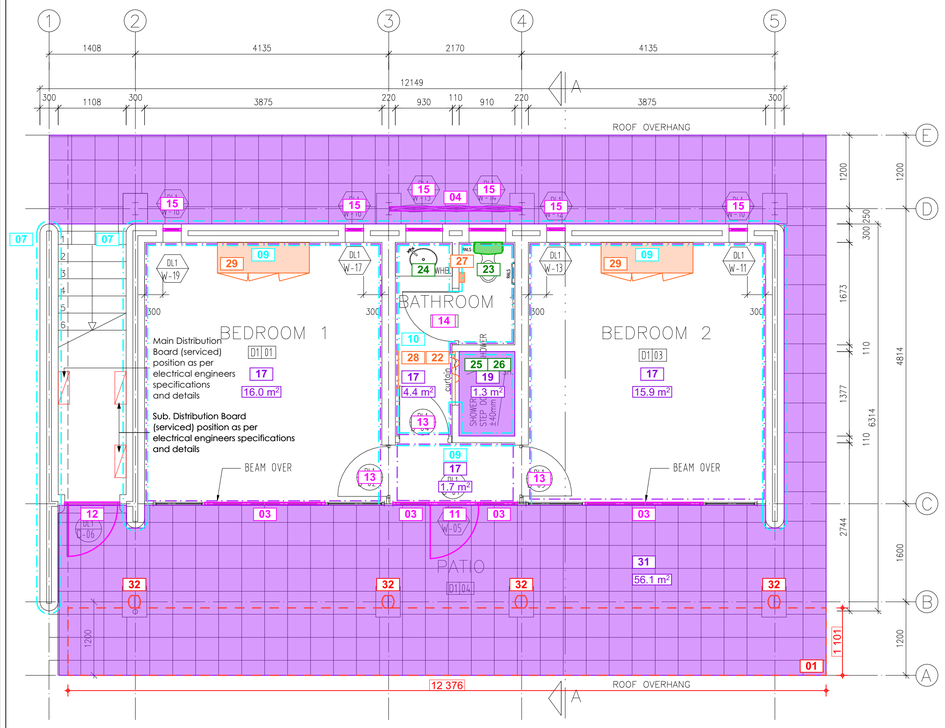
public works
Department:
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INTSIKA architects

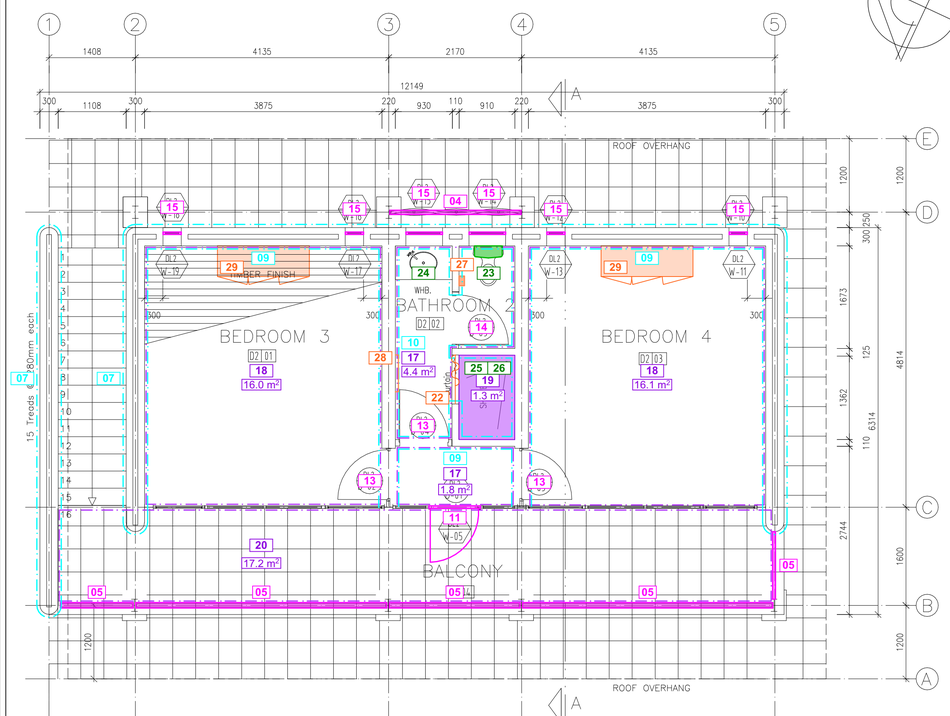
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK G - ADMIN OFFICE** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
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design.	RKG
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drawn	LGM
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rev no.	



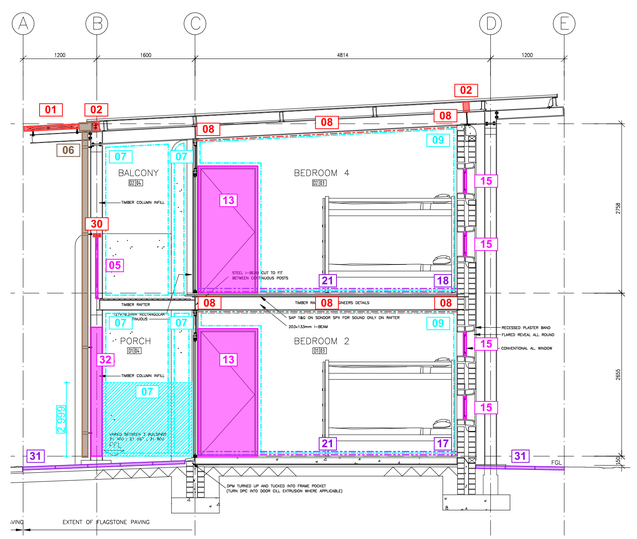
BLOCK D2 - DOUBLE STOREY UNIT - GROUND FLOOR PLAN

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - FIRST FLOOR PLAN

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
D2	DOUBLE STOREY ACCOMMODATION UNIT 2	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	11.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	17.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	19.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	20.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	21.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	23.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	25.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	26.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	27.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	28.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	29.	To all cupboards: Re- instate existing cupboard hinges
HAND RAILS	30.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	31.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	32.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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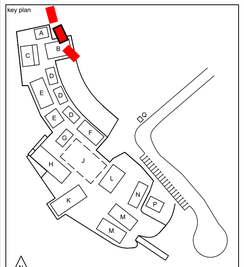
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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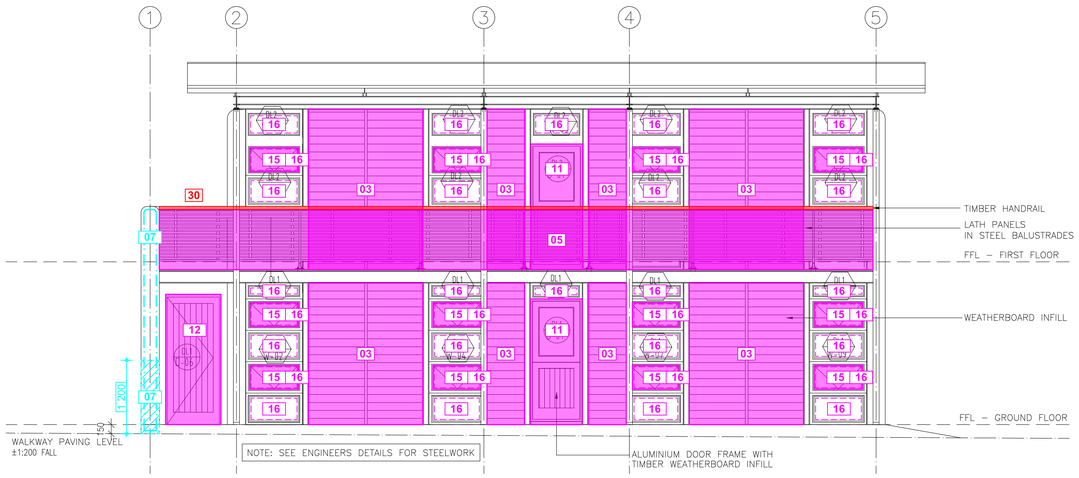
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

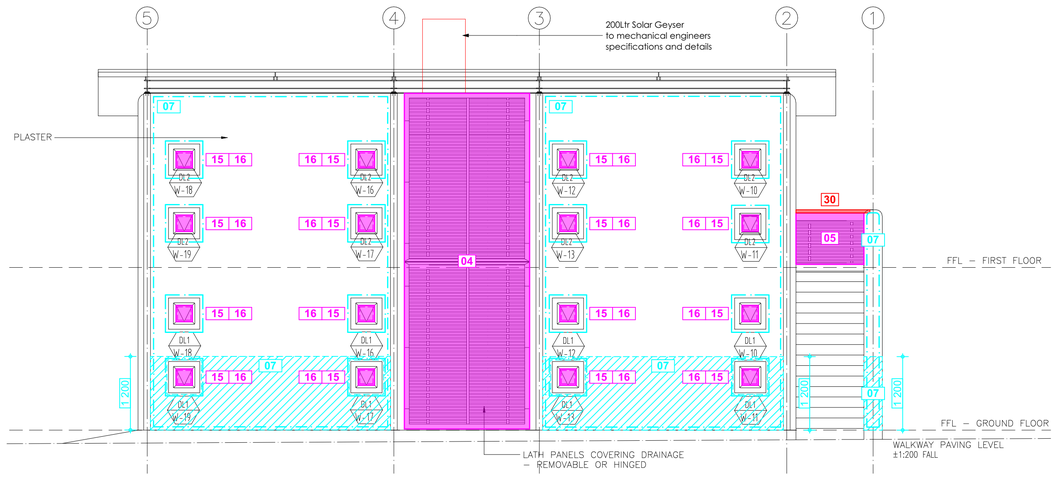
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D2: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.3
rev no.	



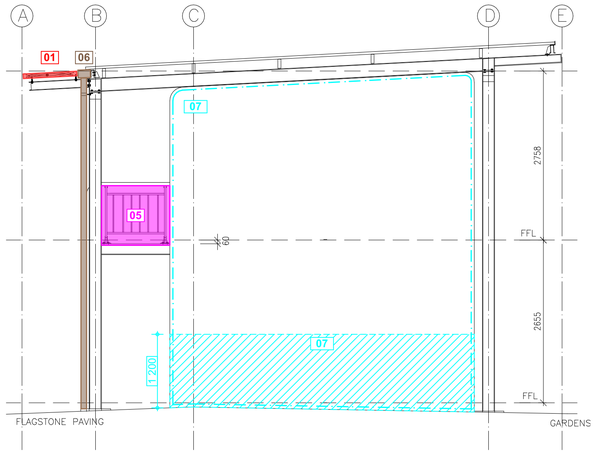
BLOCK D2 - DOUBLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



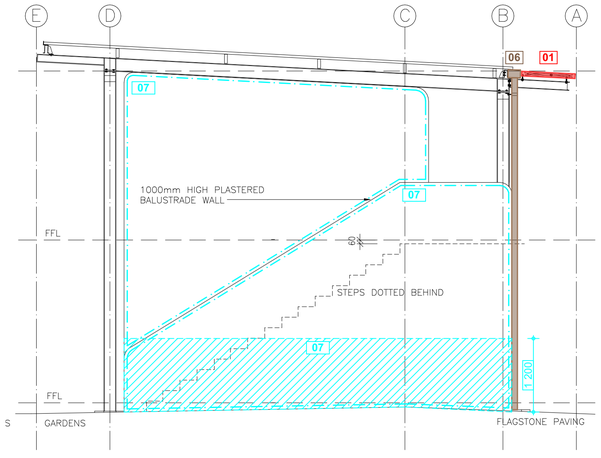
BLOCK D2 - DOUBLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - SOUTH EAST ELEVATION

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
D2	DOUBLE STOREY ACCOMMODATION UNIT 2	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
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EXTERNAL TIMBER DOORS	11.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
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	18.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	19.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	20.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	21.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
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	25.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	26.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	27.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	28.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
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HAND RAILS	30.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	31.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	32.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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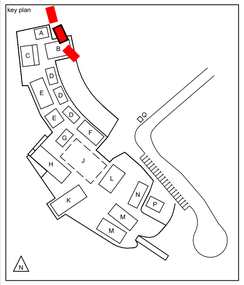
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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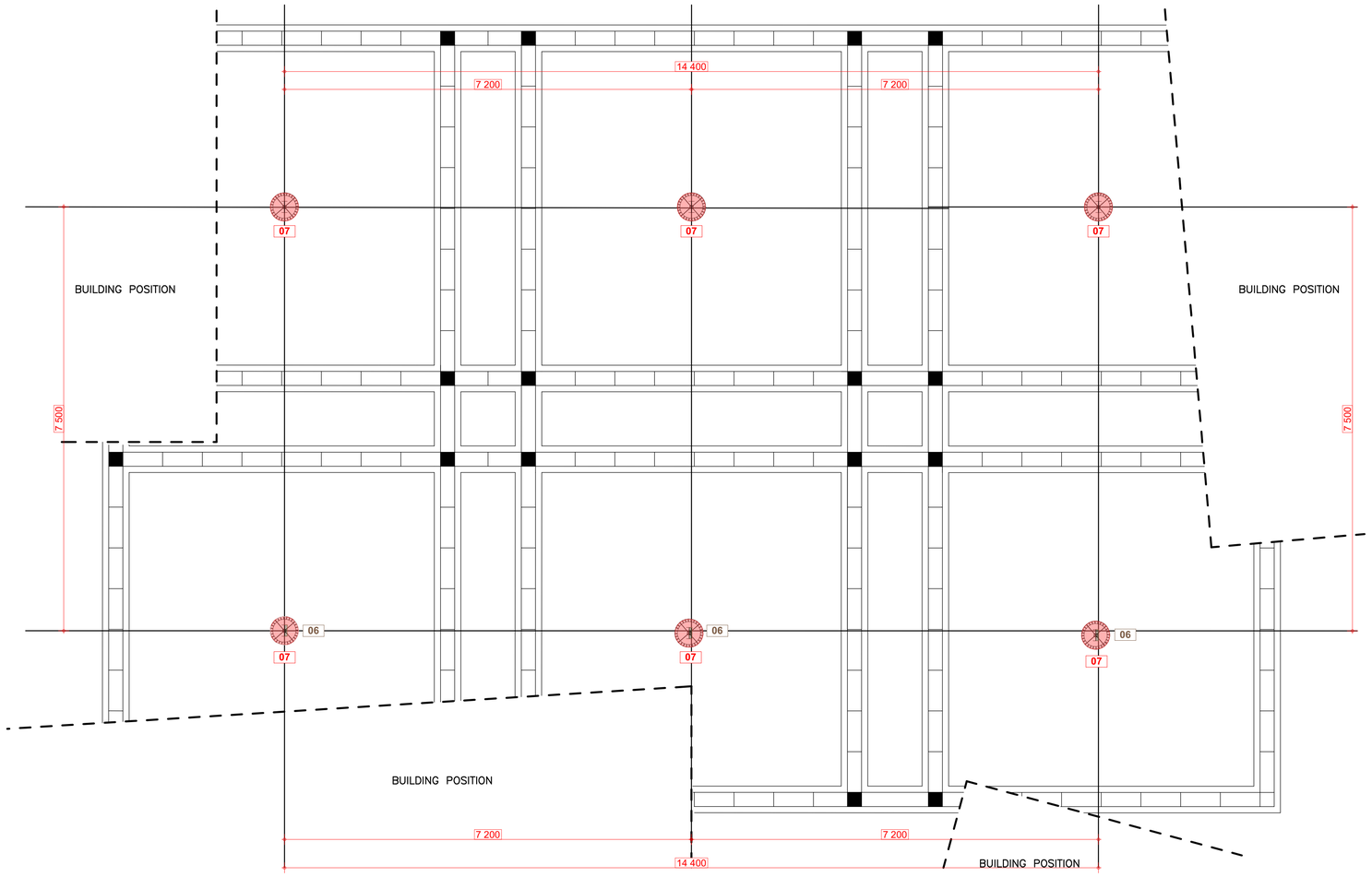
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

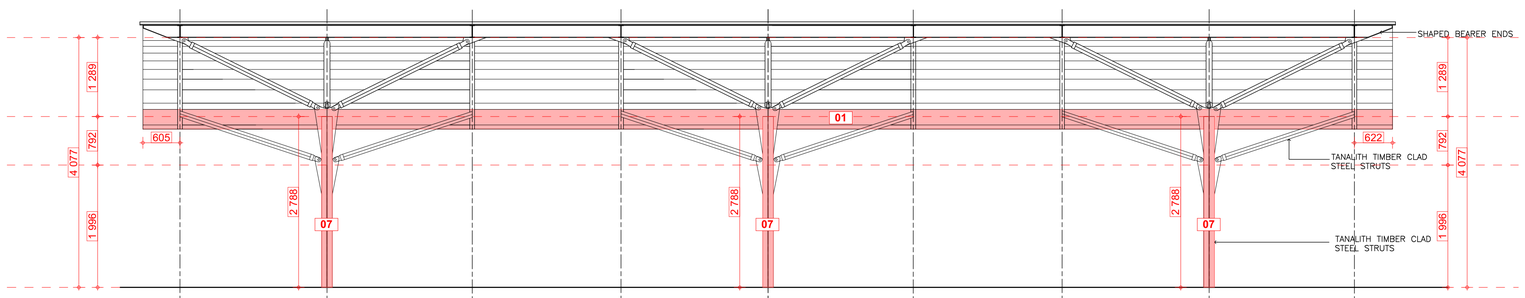
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D2: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.4
rev no.	



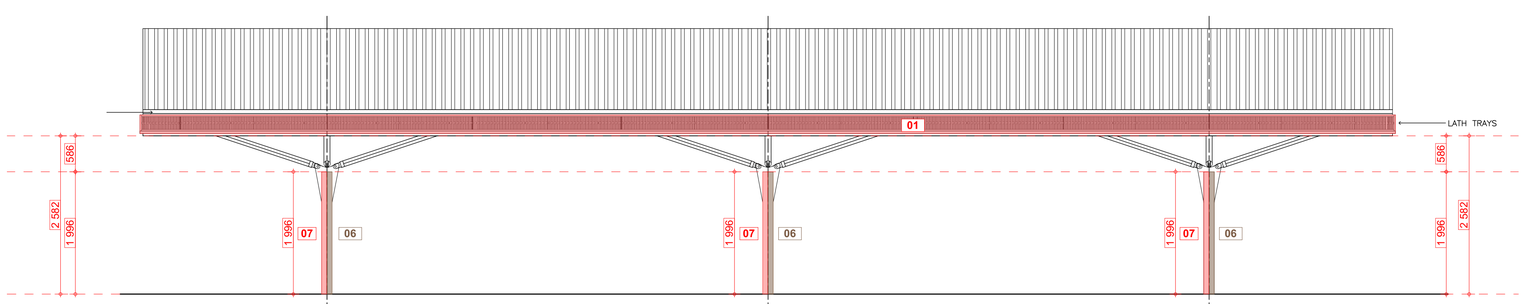
BLOCK J - COURTYARD - LAYOUT

SCALE 1 : 50



BLOCK J - COURTYARD - FRONT ELEVATION

SCALE 1 : 50



BLOCK J - COURTYARD - BACK ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
J	COVERED COURTYARD	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
DECORATIVE TIMBER COLUMN CLADDING	7	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
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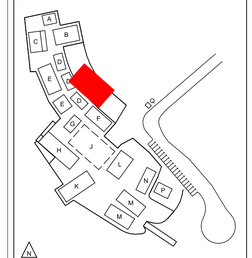
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Mechanical Engineer:
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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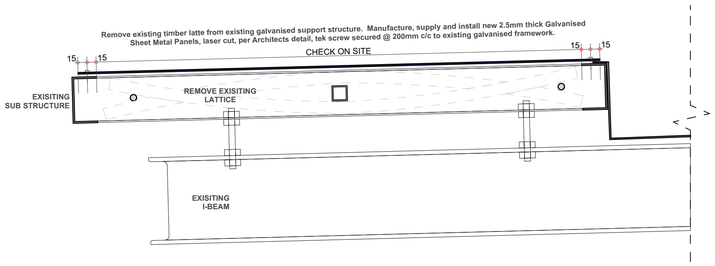
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

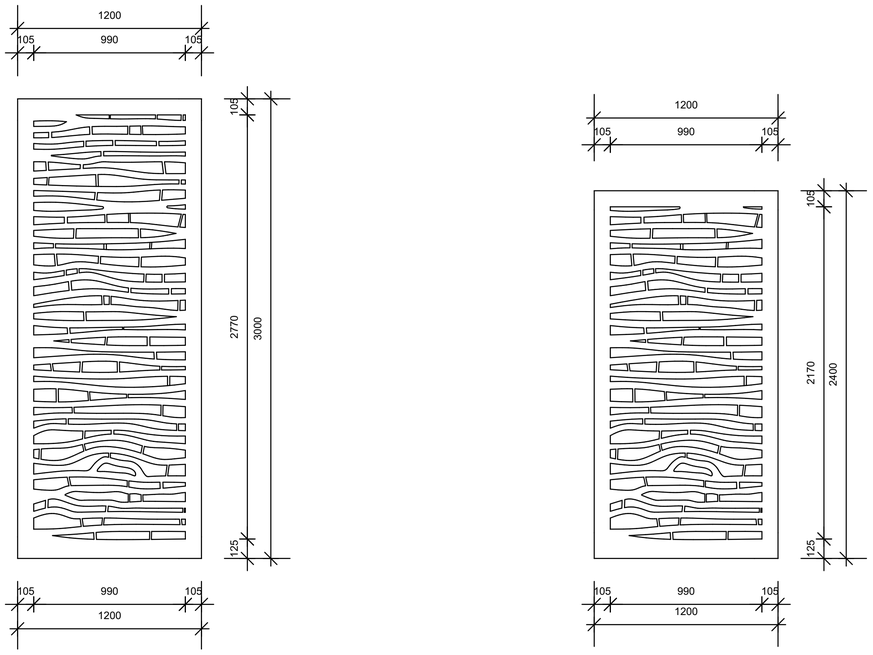
INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK J - COURTYARD** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.10.1
rev no.	



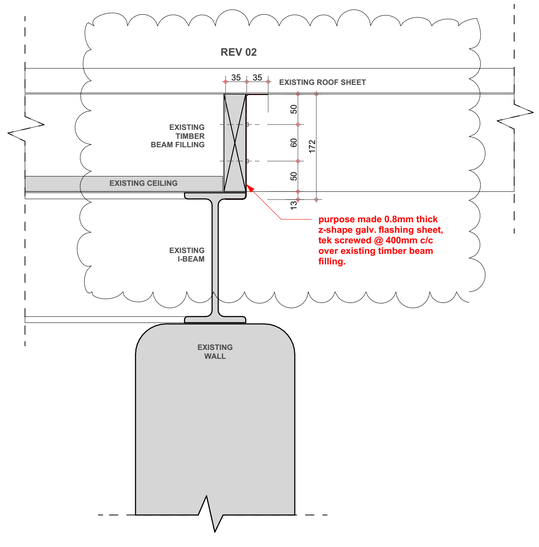
DETAIL 01A ROOF SUN LOUVRE LATTICE Scale 1:5



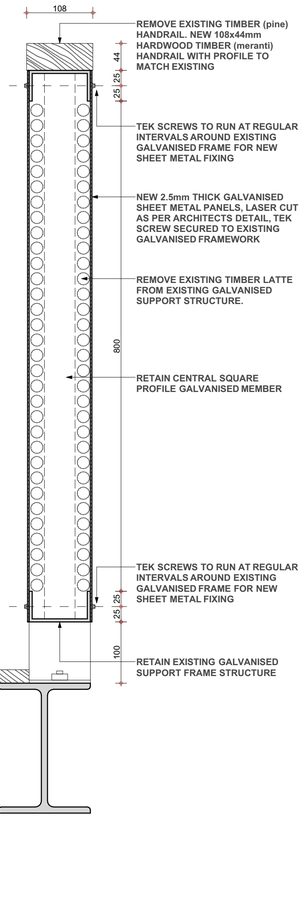
1,2M X 3,0M PANEL

1,2M X 2,4M PANEL

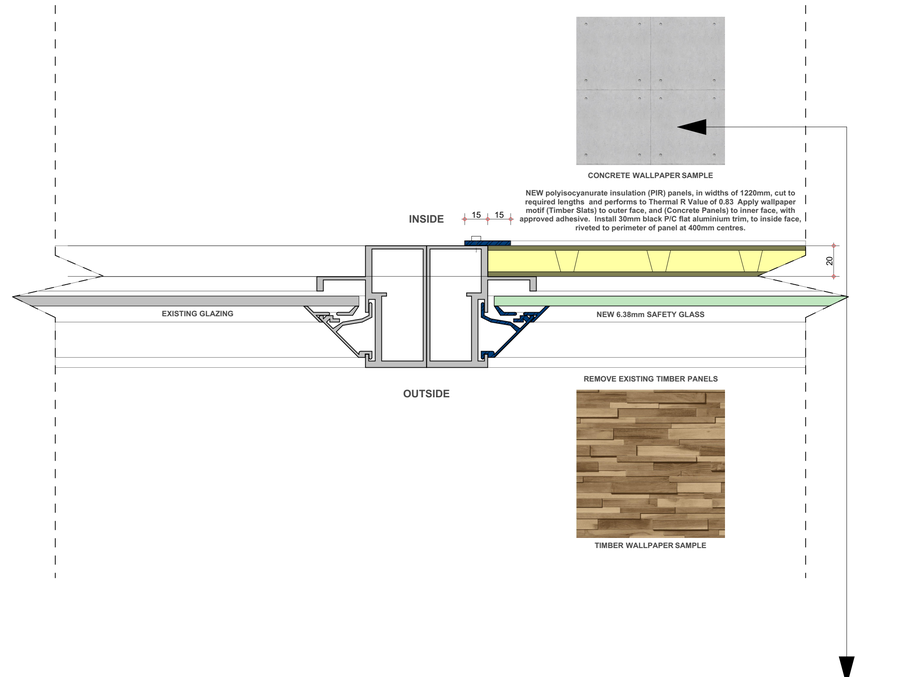
DETAIL 01B ROOF SUN LOUVRE LATTICE Scale 1:20



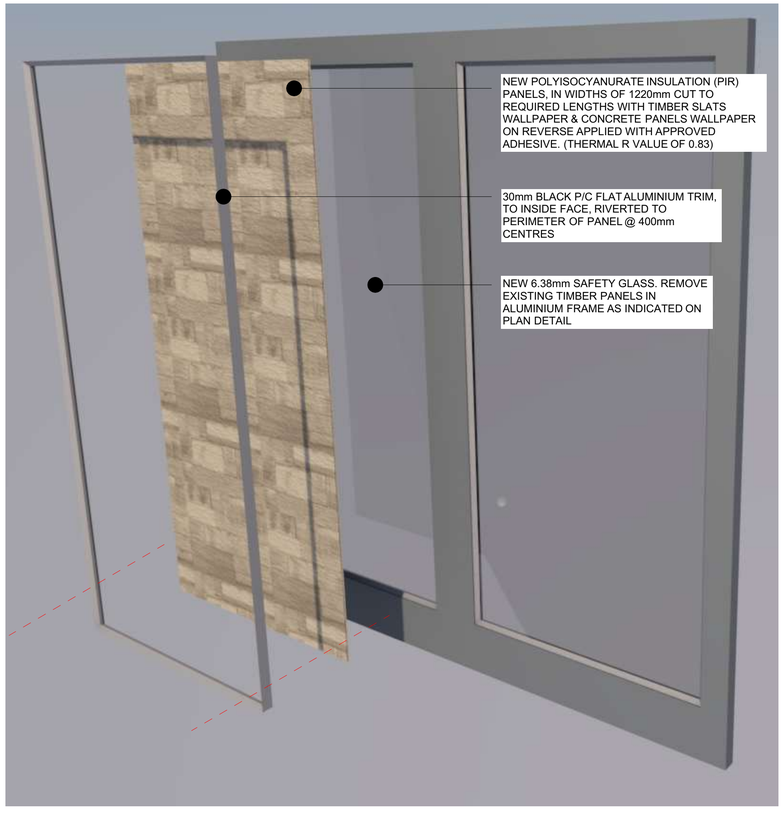
DETAIL 02 BEAMFILLING CLOSURE Scale 1:5



DETAIL 04 TYPICAL BALUSTRADE Scale 1:5



DETAIL 03A TIMBER PANELS IN FRAMES Scale 1:2



DETAIL 03B TIMBER PANELS IN FRAMES Scale 1:1.14

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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Imvelo Quantity Surveyors
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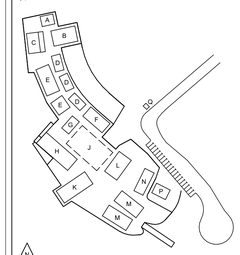
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	21/02/20	Adjustment to detail for bird-proofing of exposed building eaves.	
02	21/07/20	Omission of revised detail to revert back to z-shaped profile flashing. Reduction in thickness of flashing sheet.	

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public works
Department: Public Works
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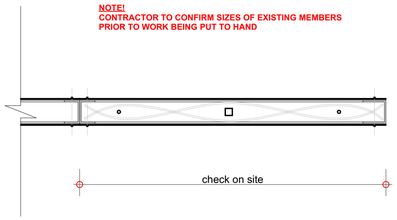
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	DETAILS DETAIL - SHEET 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.18.1
rev no.	02

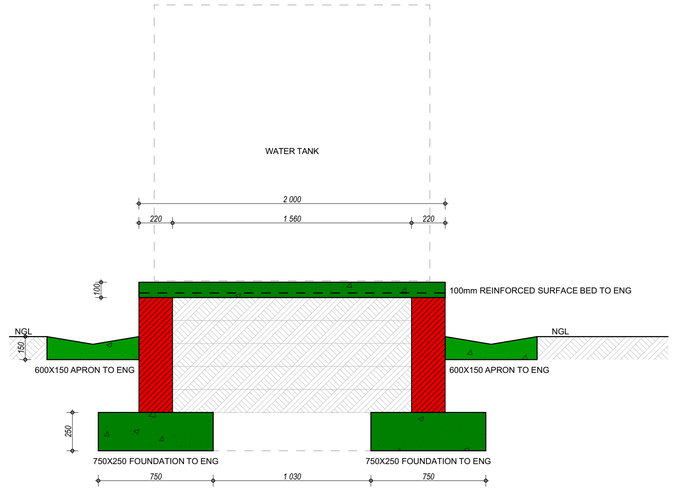
NOTE!
CONTRACTOR TO CONFIRM SIZES OF EXISTING MEMBERS PRIOR TO WORK BEING PUT TO HAND



ENTRANCE GATE Scale 1:10

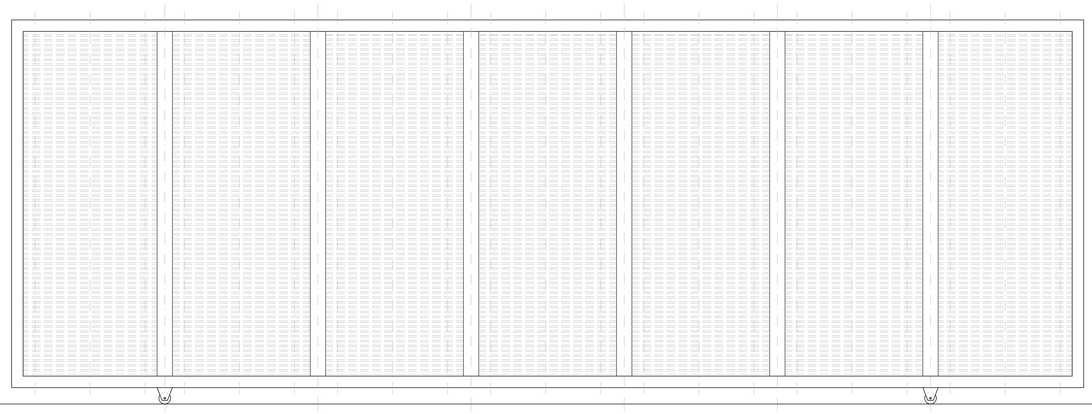


TEK SCREW :
REFERENCE IMAGE

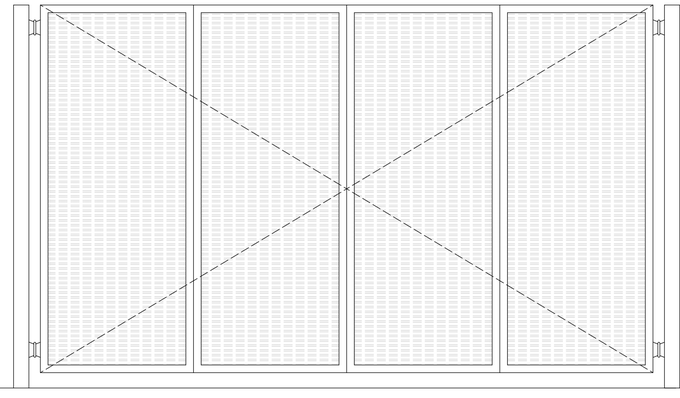


DETAIL 06 TANK STAND Scale 1:20

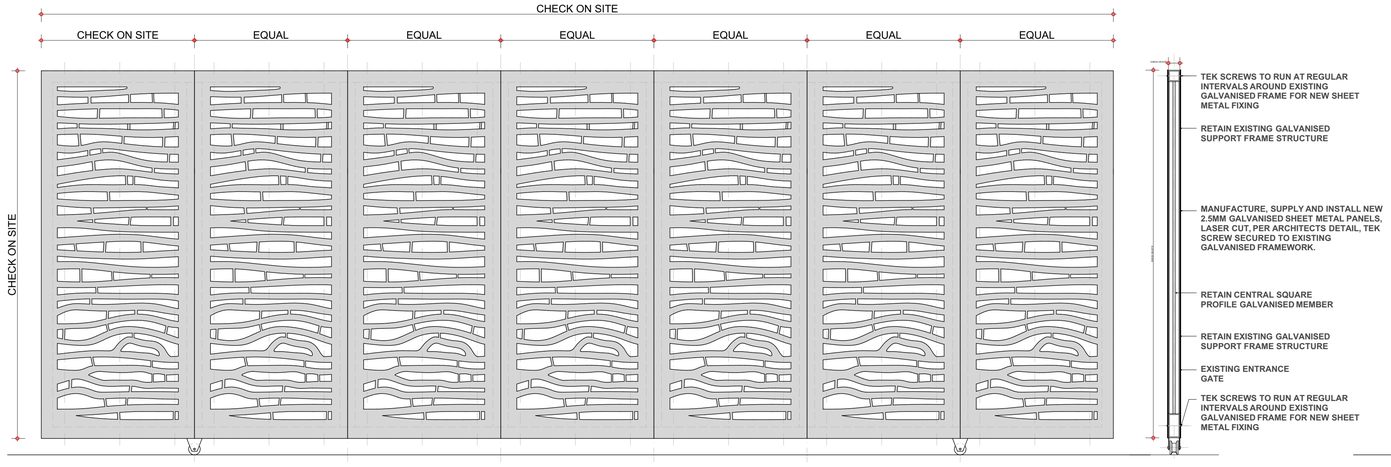
Remove existing pvc latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured @200mm c/c to existing galvanised framework.



Remove existing pvc latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured @200mm c/c to existing galvanised framework.

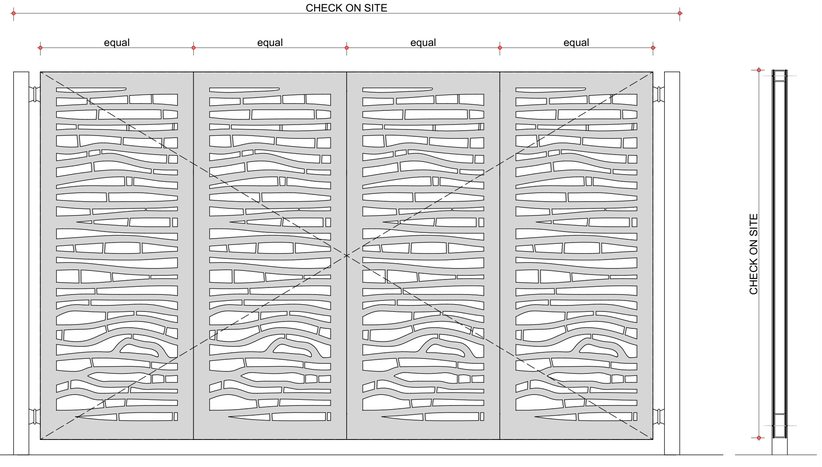


Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to @ 200mm c/c existing galvanised framework.



ENTRANCE GATE Scale 1:20

Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to @ 200mm c/c existing galvanised framework.



GATE @ BUILDING P Scale 1:20

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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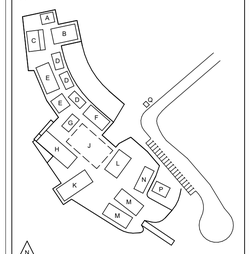
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Cell: 078 165 7059
E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW

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public works
Department:
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MR. MZWONKE DLABANTU

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**DETAILS** DETAIL - SHEET 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no. 19/2/4/2/2/6958/001	design. RKG
scale As Shown	drawn LGM
date 2024/07/04	checked RKG
DPW drawing no. NMM/ARCH/SPC.18.2	rev no.

NELSON MANDELA MUSEUM : QUNU

PANEL REPLACEMENT SCHEDULE

REPLACEMENT OF TIMBER PANELLING TO EXISTING CLIP 44 ALUMINIUM SHOPFRONT FRAMES

Specification:
Remove existing 22mm thick timber tongue and groove paneling from aluminium frames.
Install new **6.38mm laminated clear safety glass** to existing aluminium frames, supply and install new black P/Cangled Glazing beads and rubber seals to perimiter of each panel

Install **20mm** polyisocyanurate **insulation (PIR) panels**, in widths of 1220mm, cut to required lengths and performs to **Thermal R Value of 0.83**
All **walpaper motif** (Timber Slats) to **outer face**, and (Concrete Panels) to **inner face**, with approved adhesive.
Install 30mm black P/Cflat aluminium trim, to inside face, riveted to perimeter of panel at at 400mm centres

Approximate Sizes per Panel Replacement Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	M2	Quantity	Qum m2
A	0	0	0	0	0
B	1385	3000	4.155	4	16.62
	1385	600	0.831	4	3.324
	450	3000	1.35	2	2.7
	600	3000	1.8	2	3.6
	450	1400	0.63	2	1.26
	600	1400	0.84	2	1.68
C	1200	2600	3.12	4	12.48
	1200	740	0.888	4	3.552
D1	950	2550	2.4225	8	19.38
	600	2550	1.53	4	6.12
D2	950	2550	2.4225	8	19.38
	600	2550	1.53	4	6.12
D3	950	2550	2.4225	8	19.38
	600	2550	1.53	4	6.12
E1	980	2750	2.695	4	10.78
E2	980	2750	2.695	4	10.78
E3	980	2750	2.695	4	10.78
F	1130	2500	2.825	2	5.65
	1130	660	0.7458	2	1.4916
G	910	2300	2.093	6	12.558
	910	500	0.455	6	2.73
H	1050	2600	2.73	2	5.46
	1200	2600	3.12	1	3.12
	1200	1020	1.224	1	1.224
	1400	2300	3.22	2	6.44
	1400	1250	1.75	2	3.5
	1200	2300	2.76	1	2.76
	1200	750	0.9	1	0.9
K	0	0	0	0	0
L	600	2465	1.479	8	11.832
	600	1100	0.66	8	5.28
M1	700	2465	1.7255	16	27.608
	700	1100	0.77	16	12.32
M2	700	2465	1.7255	16	27.608
	700	600	0.42	16	6.72
N	0	0	0	0	0

NELSON MANDELA MUSEUM: QUNU

REPLACEMENT OF TIMBER LATTE TO EXISTING SCREENS / GATES SCHEDULE
Specification:

Remove existing timber latte from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Screens Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	M2	Quantity	Cum m2
C	980	2600	2,548	5	12,74
D1	1075	2650	2,84875	4	11,395
D2	1075	2650	2,84875	4	11,395
D3	1075	2650	2,84875	4	11,395
E1	1140	2500	2,85	2	5,7
	1140	2750	3,135	2	6,27
E2	1140	2500	2,85	2	5,7
	1140	2750	3,135	2	6,27
E3	1140	2500	2,85	2	5,7
	1140	2750	3,135	2	6,27
F	925	2400	2,22	5	11,1
G	0	0	0	0	0
H	1050	3000	3,15	7	22,05
	1000	3000	3	2	6
I	830	1500	1,245	6	7,47
	830	2300	1,909	12	22,908
K	1050	2800	2,94	10	29,4
N	1200	2100	2,52	4	10,08
	1000	2750	2,75	5	13,75

NELSON MANDELA MUSEUM : QUNU

REPLACEMENT OF TIMBER LATTE TO EXISTING BALUSTRADES SCHEDULE
Specification:

Remove existing timber latte from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Screens Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	M2	Quantity	Cum m2
D1	1075	900	0.9675	2	1.935
	1025	900	0.9225	8	7.38
	1100	900	0.99	2	1.98
D2	1075	900	0.9675	2	1.935
	1025	900	0.9225	8	7.38
	1100	900	0.99	2	1.98
D3	1075	900	0.9675	2	1.935
	1025	900	0.9225	8	7.38
	1100	900	0.99	2	1.98

NELSON MANDELA MUSEUM: QUNU

REPLACEMENT OF TIMBER LATTE TO EXISTING GATES SCHEDULE
Specification:

Remove existing timber latte / pvc piping from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Gates Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture



MAIN GATE

Block	Width	Length	M2	Quantity	Cum m2
GATE	1150	2100	2,415	14	33,81
K - GATE	1075	2295	2,467125	8	19,737
P - GATE	815	2100	1,7115	1	1,7115

NELSON MANDELA MUSEUM : QUNU

REPLACEMENT OF TIMBER LATTE SUN LOUVRE PANELS SCHEDULE
Specification:

Remove existing timber latte from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Sun Louvre Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	m2	Quantity	Qum m2
A	950	2340	2.223	4	8.892
	950	800	0.76	2	1.52
B	950	2830	2.6885	4	10.754
	950	800	0.76	2	1.52
C	950	2430	2.3085	6	13.851
	950	800	0.76	2	1.52
D1	950	2470	2.3465	4	9.386
	950	2170	2.0615	1	2.0615
	950	800	0.76	2	1.52
D2	950	2470	2.3465	4	9.386
	950	2170	2.0615	1	2.0615
	950	800	0.76	2	1.52
D3	950	2470	2.3465	4	9.386
	950	2170	2.0615	1	2.0615
	950	800	0.76	2	1.52
E1	950	2010	1.9095	4	7.638
	950	2300	2.185	1	2.185
	950	800	0.76	2	1.52
E2	950	2010	1.9095	4	7.638
	950	2300	2.185	1	2.185
	950	800	0.76	1	0.76
E3	950	2010	1.9095	4	7.638
	950	2300	2.185	1	2.185
	950	800	0.76	1	0.76
F	950	2315	2.19925	8	17.594
	950	800	0.76	2	1.52
G	0	0	0	0	0
H	950	2485	2.36075	12	28.329
	950	800	0.76	2	1.52
K	1200	1770	2.124	16	33.984
	950	2750	2.6125	2	5.225
	950	800	0.76	6	4.56
	950	2400	2.28	10	22.8
L	0	0	0	0	0
M1	950	2525	2.39875	8	19.19
	950	800	0.76	2	1.52
M2	950	2525	2.39875	8	19.19
	950	800	0.76	2	1.52
N	950	2525	2.39875	4	9.595
	950	2180	2.071	2	4.142
	950	800	0.76	2	1.52
	950	1840	1.748	2	3.496
P	950	2510	2.3845	2	4.769
	950	3000	2.85	2	5.7
	950	800	0.76	2	1.52

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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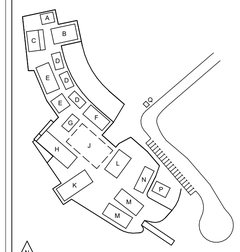
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

Copyright vests in the Department of Public Works

public works
Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
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drawing title	**DETAILS** SCHEDULES
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design.	RKG
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rev no.	



PRIMARY COLOUR PALETTE:

PANTONE
C0 M37 Y100 K0

PANTONE
C0 M0 Y0 K100

SPECIFICATIONS:

As per manufacturers specifications and details.

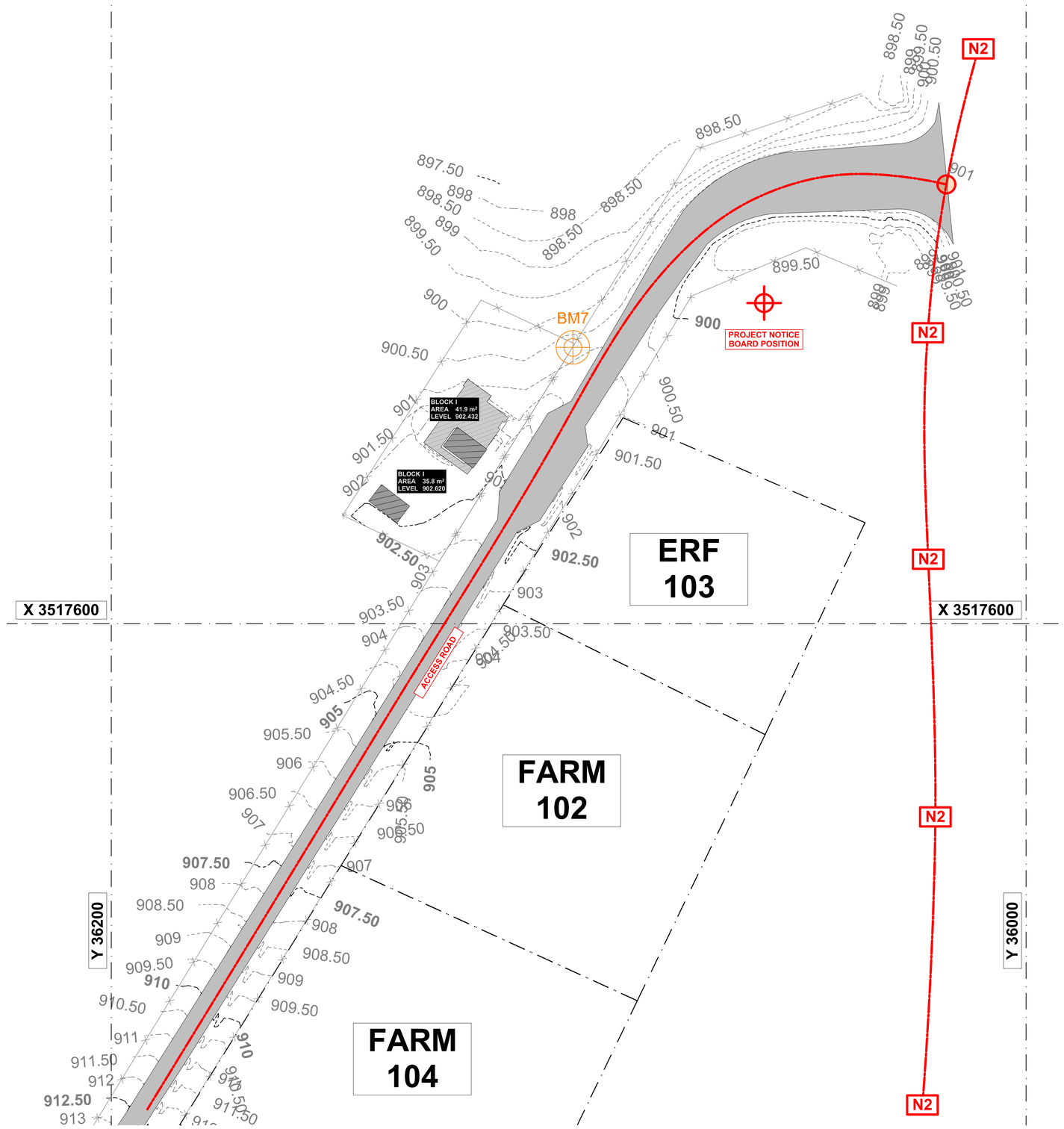
Note: Contractor is to provide printing proof as supplied by the supplier for approval and prior to manufacture and erection.

Contractor is to maintain the project name board throughout the contract period.

Fonts to be used:

Primary Descriptor - FONT SIZE + TYPE "A": 75mm high, Gill Sans Bold
Secondary Descriptor - FONT SIZE + TYPE "B": 75mm high, Arial Regular

DETAIL 05 PROJECT NOTICE BOARD Scale 1:20



SITE CALLOUT PROJECT NOTICE BOARD POSITION Scale 1:500

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector.

project team

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E-mail: rob@intsika.com

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key plan



other notes

NO	DATE	AMMENDMENT	DPW

Copyright vests in the Department of Public Works

public works
Department: Public Works REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for **CONSTRUCTION**

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**DETAILS** PROJECT NOTICE BOARD
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.18.4
rev no.	



PRIMARY COLOUR PALETTE:

PANTONE
C0 M37 Y100 K0

PANTONE
C0 M0 Y0 K100

SPECIFICATIONS:

As per manufacturers specifications and details.

Note: Contractor is to provide printing proof as supplied by the supplier for approval and prior to manufacture and erection.

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Secondary Descriptor -
FONT SIZE + TYPE "B": 75mm high, Arial Regular

DETAIL PROJECT NOTICE BOARD Scale 1:20

0 0.5 1 2 4m

general notes

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All trenches to inspected by a Local Authority Building Inspector,

project team

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Copyright vests in the Department of Public Works

public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

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issued for
INFORMATION

discipline	**Architect & Principal Agent**
services	**Forest Hill Military Base: Health Centre**
wcs no.	052744
drawing title	**DETAILS** FHMB PROJECT NOTICE BOARD SAMPLE
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design	LGM
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	FHMB/ARCH/00
rev no.	



PRIMARY COLOUR PALETTE:

PANTONE
C0 M37 Y100 K0

PANTONE
C0 M0 Y0 K100

SPECIFICATIONS:

As per manufacturers specifications and details.

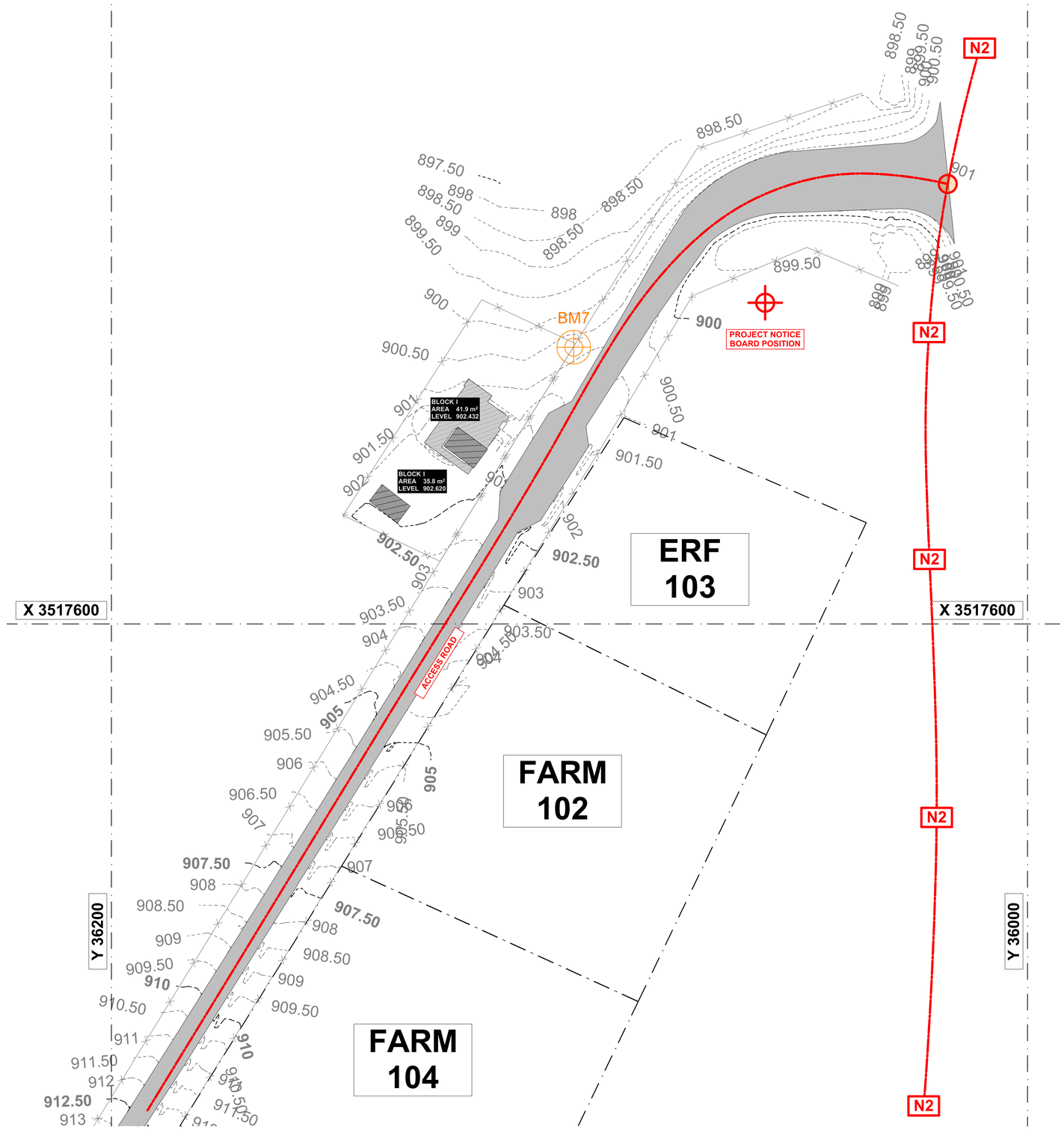
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Secondary Descriptor - FONT SIZE + TYPE "B": 75mm high, Arial Regular

DETAIL PROJECT NOTICE BOARD Scale 1:20



SITE CALLOUT PROJECT NOTICE BOARD POSITION Scale 1:500

0 0.5 1 2 4m

general notes

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E-mail: imveloqsk @telkomsa.net

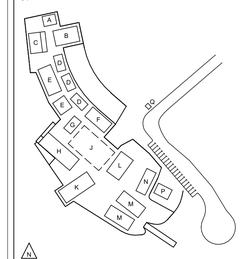
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Cell:
E-mail: yuri@cbmafrica.co.za

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Fax:
Cell: 078 165 7059
E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW

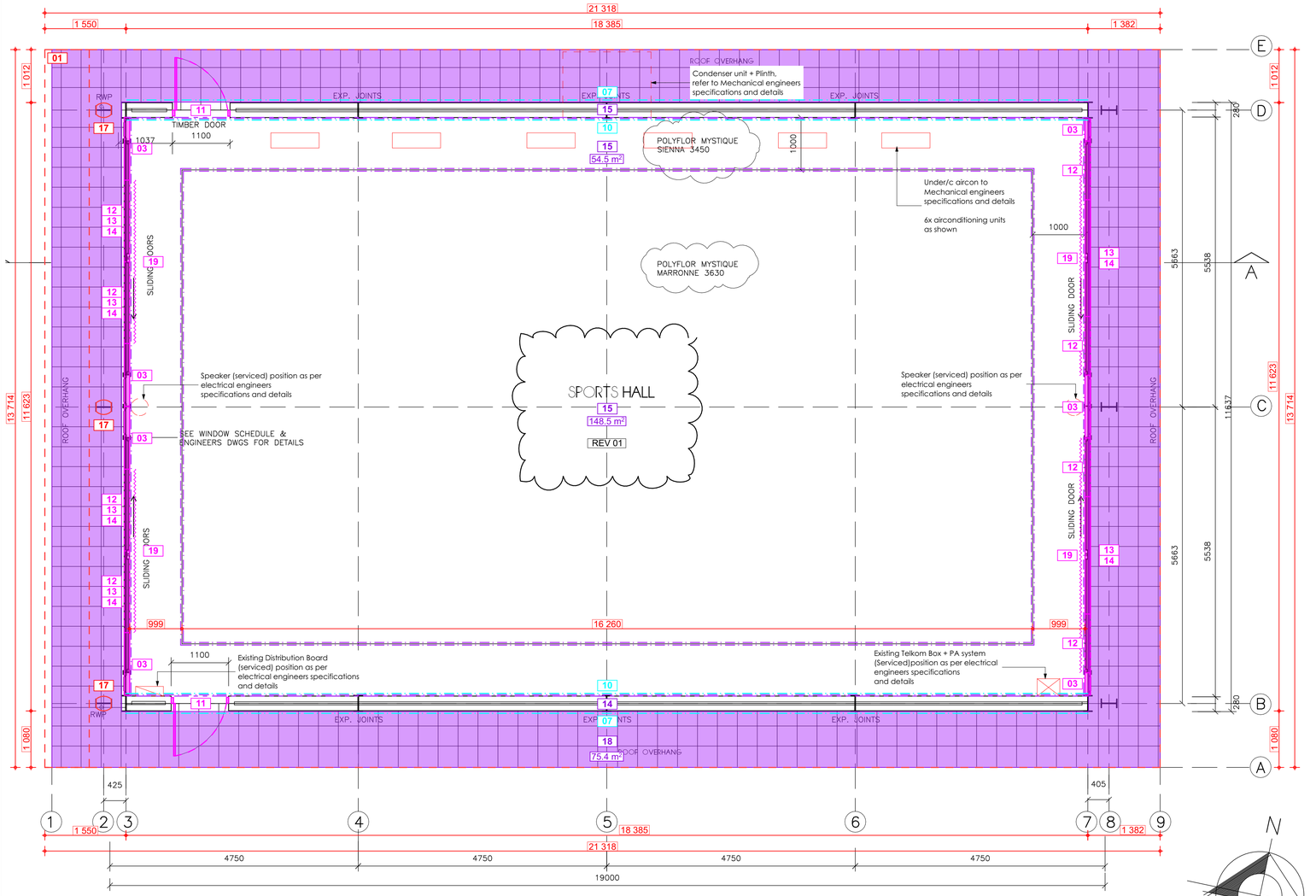
Copyright vests in the Department of Public Works

public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

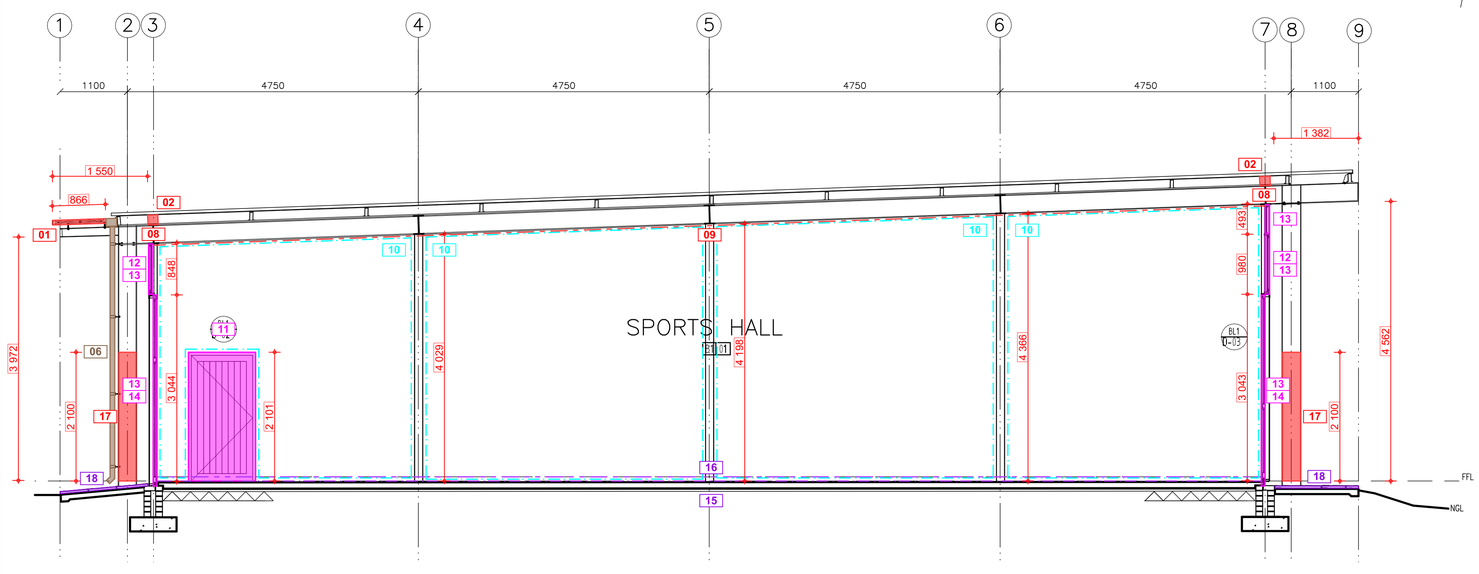
issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	DETAILS FHMB PROJECT NOTICE BOARD CALLOUT
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/01
rev no.	



BLOCK B - SPORTS HALL - FLOOR PLAN

SCALE 1 : 50



BLOCK B - SPORTS HALL - SECTION A

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
B	SPORTS HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix existing loose timber cornices to T&G ceiling.
	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks
FLOOR FINISH	15.	Clean down existing vinyl sheet floor covering. Strip and reseal
SKIRTINGS	16.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
BLINDS	19.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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All trenches to inspected by a Local Authority Building Inspector,

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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

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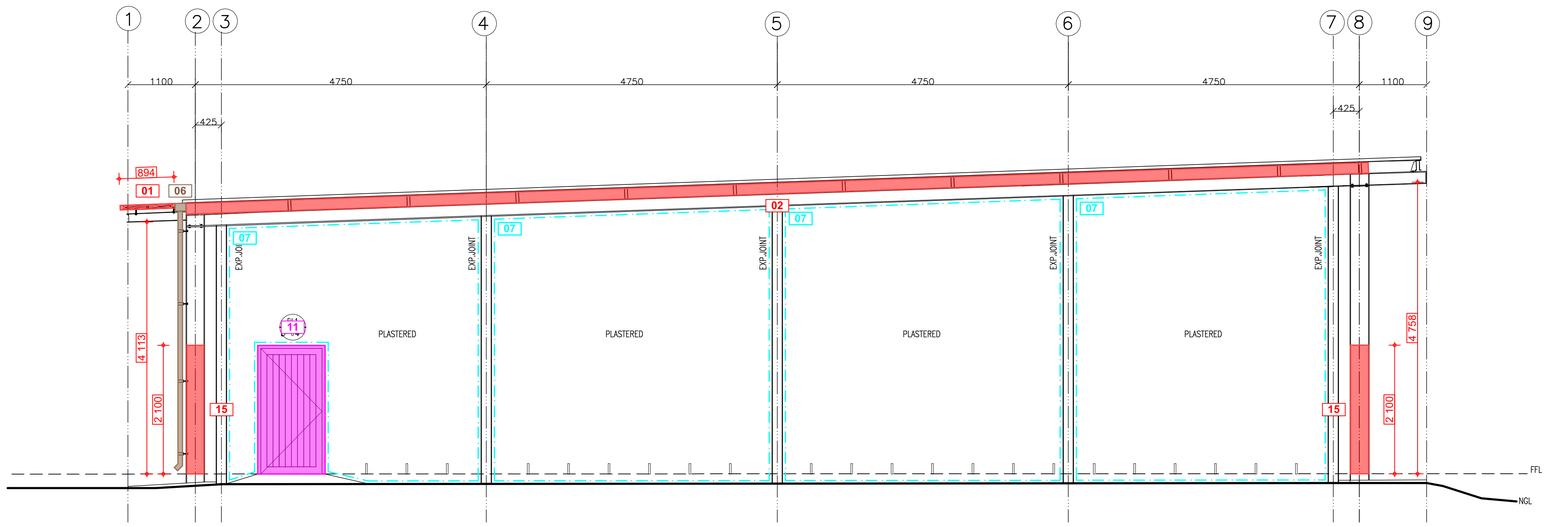
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

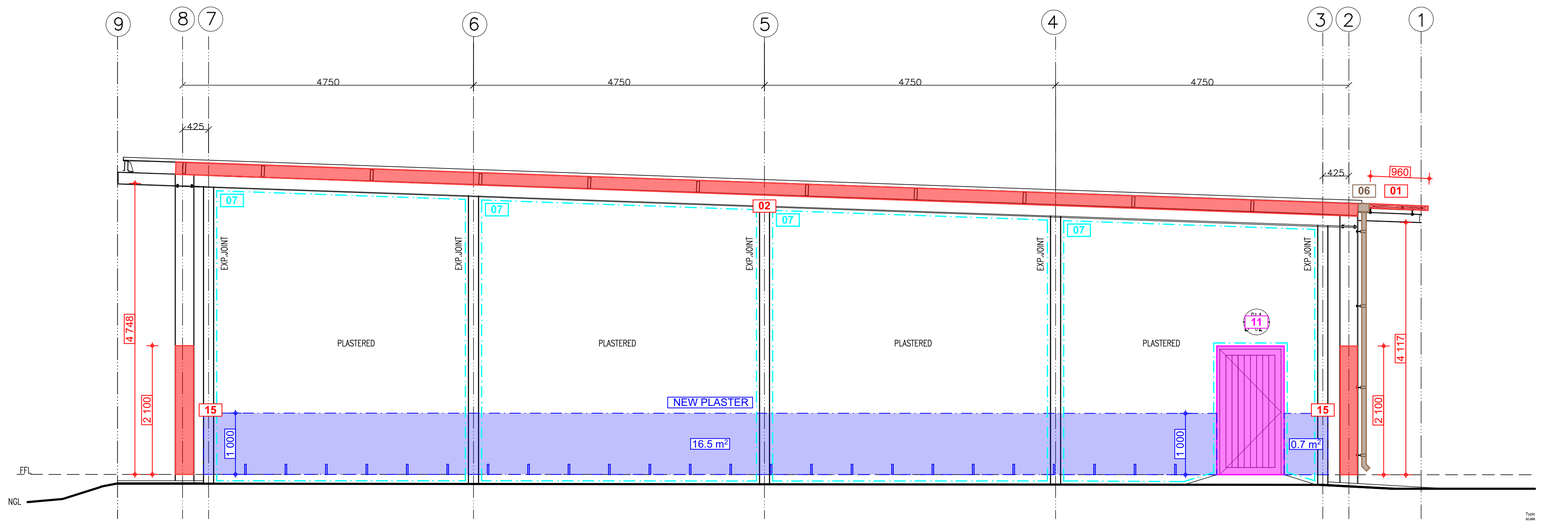
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK B - SPORTS HALL** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.02.1
rev no.	**01**



BLOCK B - SPORTS HALL - SOUTH ELEVATION

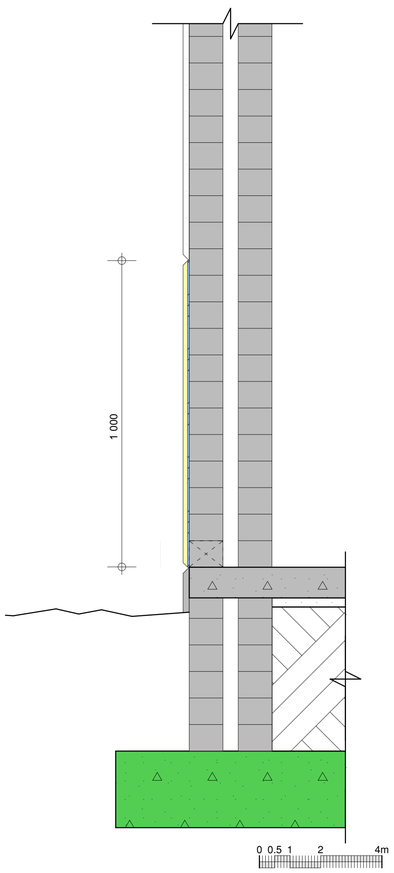
SCALE 1 : 50



BLOCK B - SPORTS HALL - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
B	SPORTS HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
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ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
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SKIRTINGS	16.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
BLINDS	19.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)



Typical Detail
scale 1 : 10

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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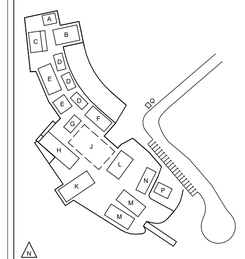
Structural Engineer:
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E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW

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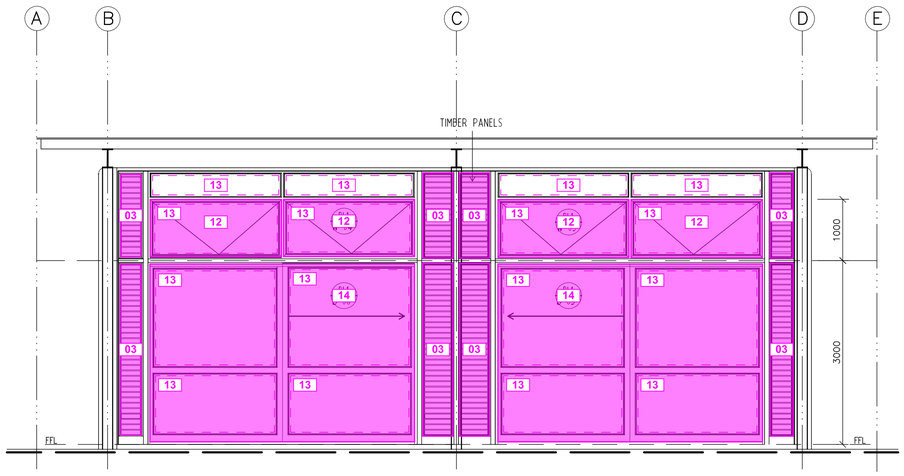
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

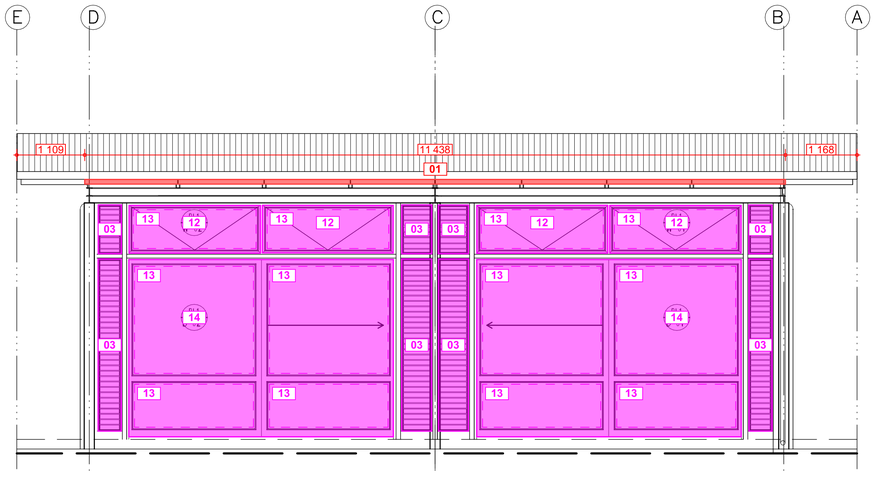
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK B - SPORTS HALL** ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.02.2
rev no.	



BLOCK B - SPORTS HALL - EAST ELEVATION

SCALE 1 : 50



BLOCK B - SPORTS HALL - WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
B	SPORTS HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix existing loose timber cornices to T&G ceiling.
	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks
FLOOR FINISH	15.	Clean down existing vinyl sheet floor covering. Strip and reseal
SKIRTINGS	16.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
BLINDS	19.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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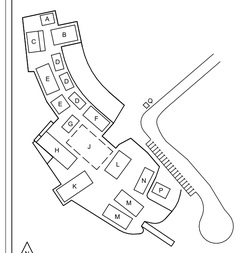
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

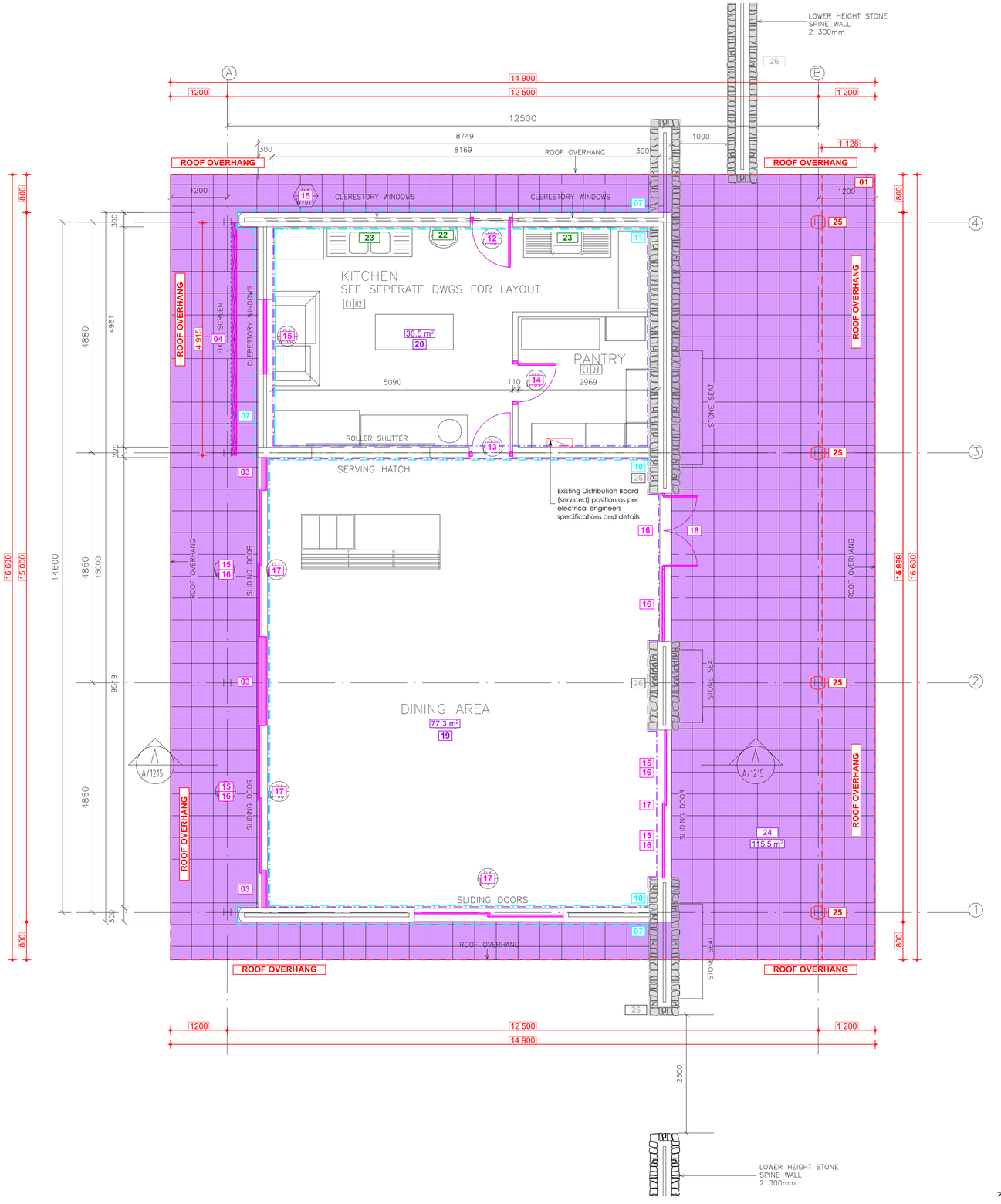
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Department:
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REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK B - SPORTS HALL** ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.02.3
rev no.	



BLOCK C - DINING HALL - FLOOR PLAN

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION
BLOCK C	DINING HALL

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Fit new 44 x 18 bevelled timber cornices fitted flat to existing T&G ceiling.
	9.	Refit shifted T&G board and fix in place. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	DINING HALL Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
INTERNAL TILED WALLS	11.	KITCHEN Clean down existing wall tiles
EXTERNAL TIMBER DOORS	12.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	13.	Replace kitchen door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder deadbolt mortice lock with key escutcheon. Fit 200mm aluminium pull handle with flange fixing as per Union Dove pull Handle code AL5515FLAS or equal approved. Salvage and refit existing stainless steel push plate and kicking plate. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
	14.	Replace pantry door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder mortice lock with aluminium anodised silver finish lever handle and backplate equal to Union Bishop AL684-13AS or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
	17.	Ease and service all sliding door mechanisms and locks
	18.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	19.	Dining Hall: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	20.	Kitchen Clean down existing ceramic tile floor
SKIRTINGS	21.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Replace all wash hand basin tap heads with 15mm c.p tapheads equal to Ledimo or equal other.
	23.	Replace sink mixers with 15mm c.p swivel spout wall mounted sink mixer as per Ledimo sink mixer code COB-LO-266/041/10 or equal approved.
EXTERNAL PAVED APRON	24.	North West corner. Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	25.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	26.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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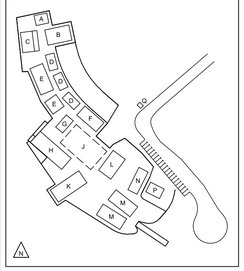
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Jabu Twala
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E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW

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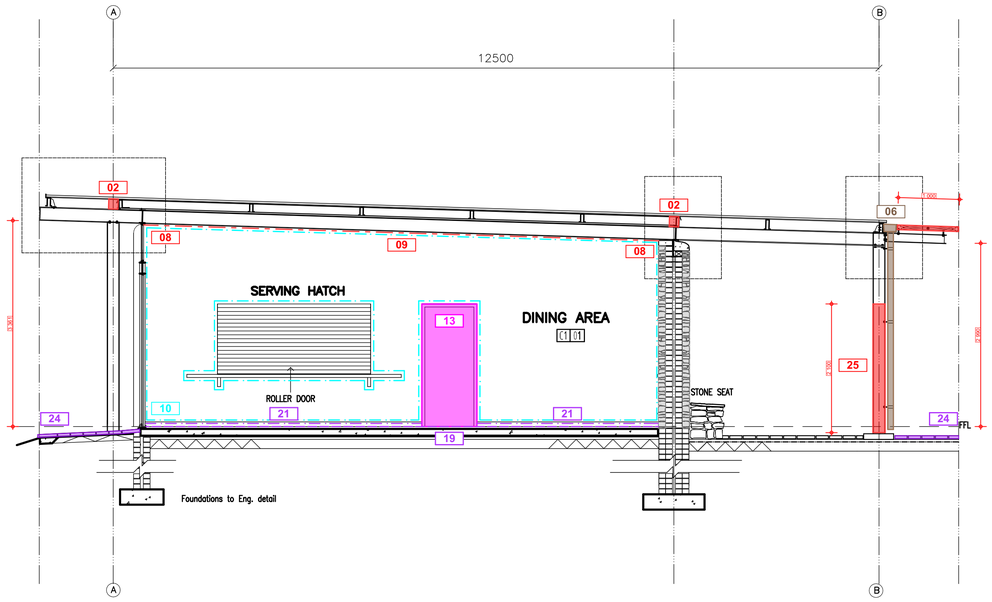
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INTSIKA architects

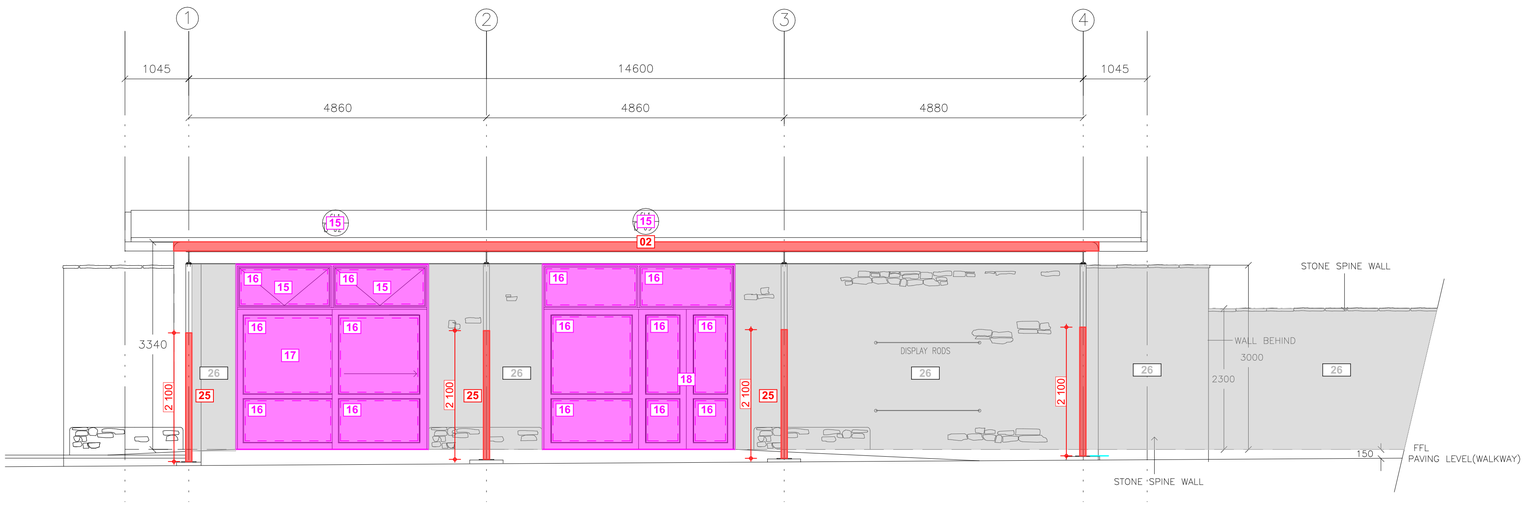
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK C - DINING HALL** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.03.1
rev no.	



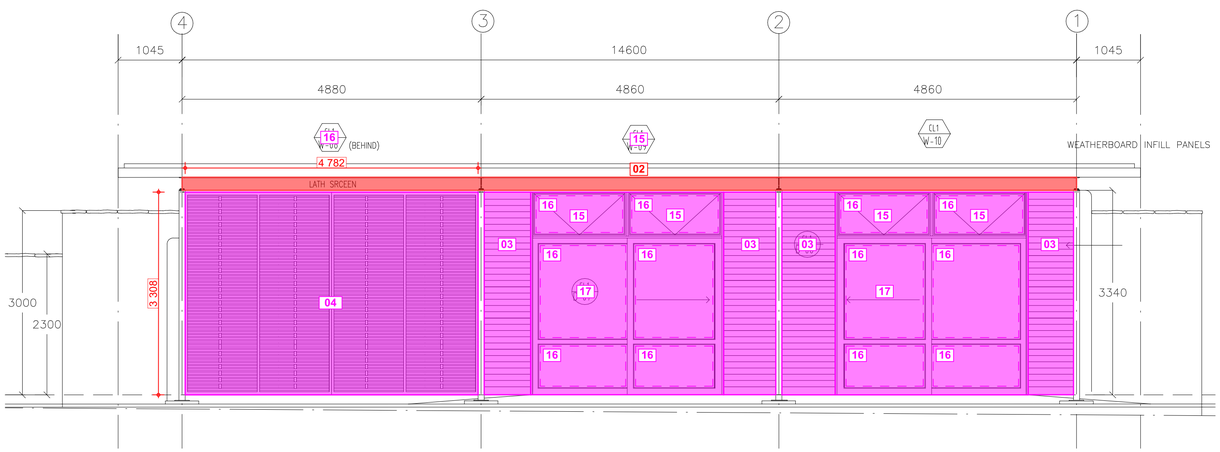
BLOCK C - DINING HALL - SECTION A

SCALE 1 : 50



BLOCK C - DINING HALL - EAST ELEVATION

SCALE 1 : 50



BLOCK C - DINING HALL - WEST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
BLOCK C	DINING HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Fit new 44 x 18 bevelled timber cornices fitted flat to existing T&G ceiling.
	9.	Refit shifted T&G board and fix in place. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
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	14.	Replace pantry door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder mortice lock with aluminium anodised silver finish lever handle and backplate equal to Union Bishop AL684-13AS or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
	17.	Ease and service all sliding door mechanisms and locks
	18.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	19.	Dining Hall: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	20.	Kitchen Clean down existing ceramic tile floor
SKIRTINGS	21.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Replace all wash hand basin tap heads with 15mm c.p tapheads equal to Ledimo or equal other.
	23.	Replace sink mixers with 15mm c.p swivel spout wall mounted sink mixer as per Ledimo sink mixer code COB-LO-266/041/10 or equal approved.
EXTERNAL PAVED APRON	24.	North West corner. Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	25.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	26.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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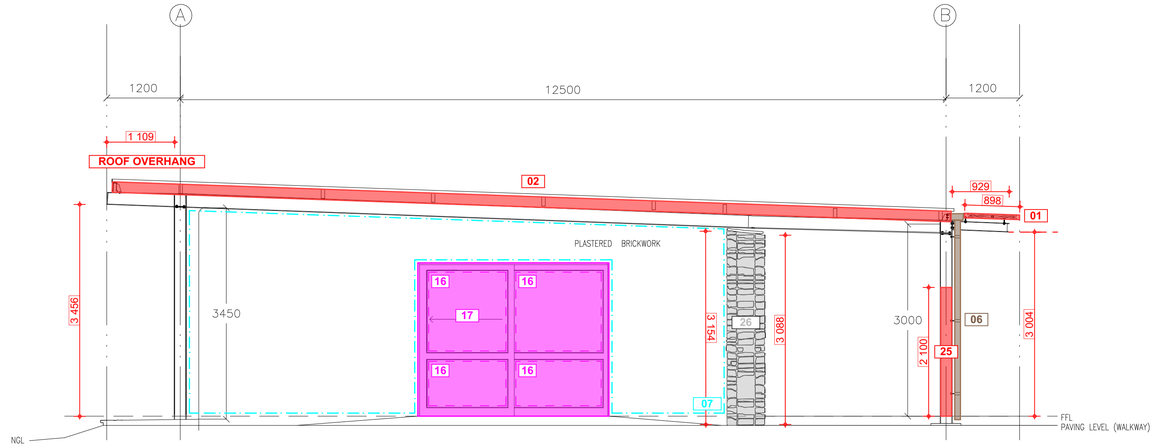
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INTSIKA architects

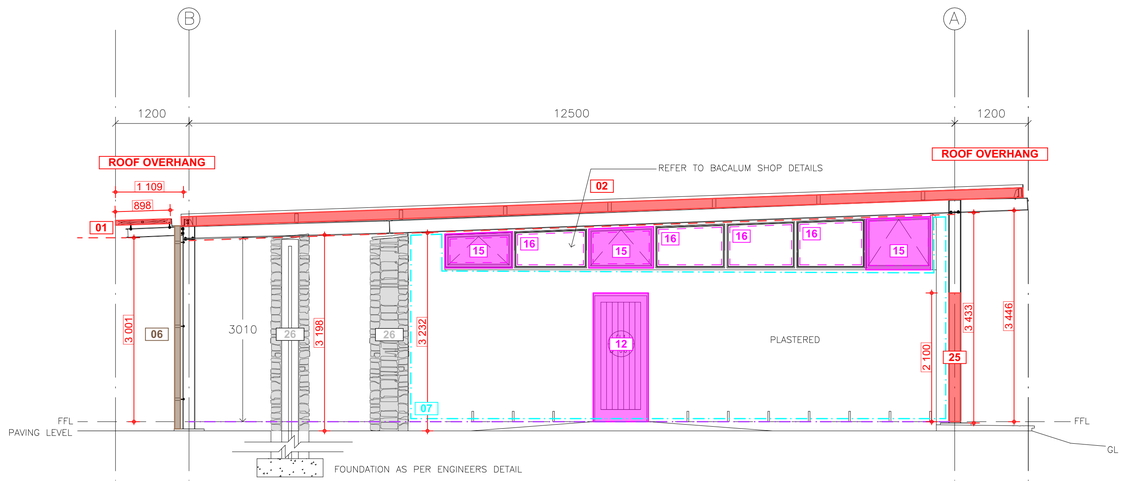
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK C - DINING HALL** SECTION + ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.03.2
rev no.	



BLOCK C - DINING HALL - SOUTH ELEVATION

SCALE 1 : 50



BLOCK C - DINING HALL - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
BLOCK C	DINING HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Fit new 44 x 18 bevelled timber cornices fitted flat to existing T&G ceiling.
	9.	Refit shifted T&G board and fix in place. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	DINING HALL Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
INTERNAL TILED WALLS	11.	KITCHEN Clean down existing wall tiles
EXTERNAL TIMBER DOORS	12.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	13.	Replace kitchen door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder deadbolt mortice lock with key escutcheon. Fit 200mm aluminium pull handle with flange fixing as per Union Dove pull Handle code AL5515FLAS or equal approved. Salvage and refit existing stainless steel push plate and kicking plate. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
	14.	Replace pantry door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder mortice lock with aluminium anodised silver finish lever handle and backplate equal to Union Bishop AL684-13AS or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
	17.	Ease and service all sliding door mechanisms and locks
	18.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	19.	Dining Hall: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	20.	Kitchen Clean down existing ceramic tile floor
SKIRTINGS	21.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Replace all wash hand basin tap heads with 15mm c.p tapheads equal to Ledimo or equal other.
	23.	Replace sink mixers with 15mm c.p swivel spout wall mounted sink mixer as per Ledimo sink mixer code COB-LO-266/041/10 or equal approved.
EXTERNAL PAVED APRON	24.	North West corner. Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	25.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	26.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

0 0.5 1 2 4m

general notes

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All trenches to inspected by a Local Authority Building Inspector,

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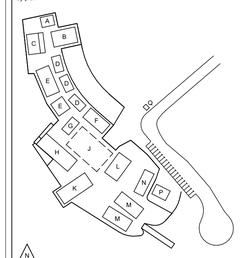
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other notes

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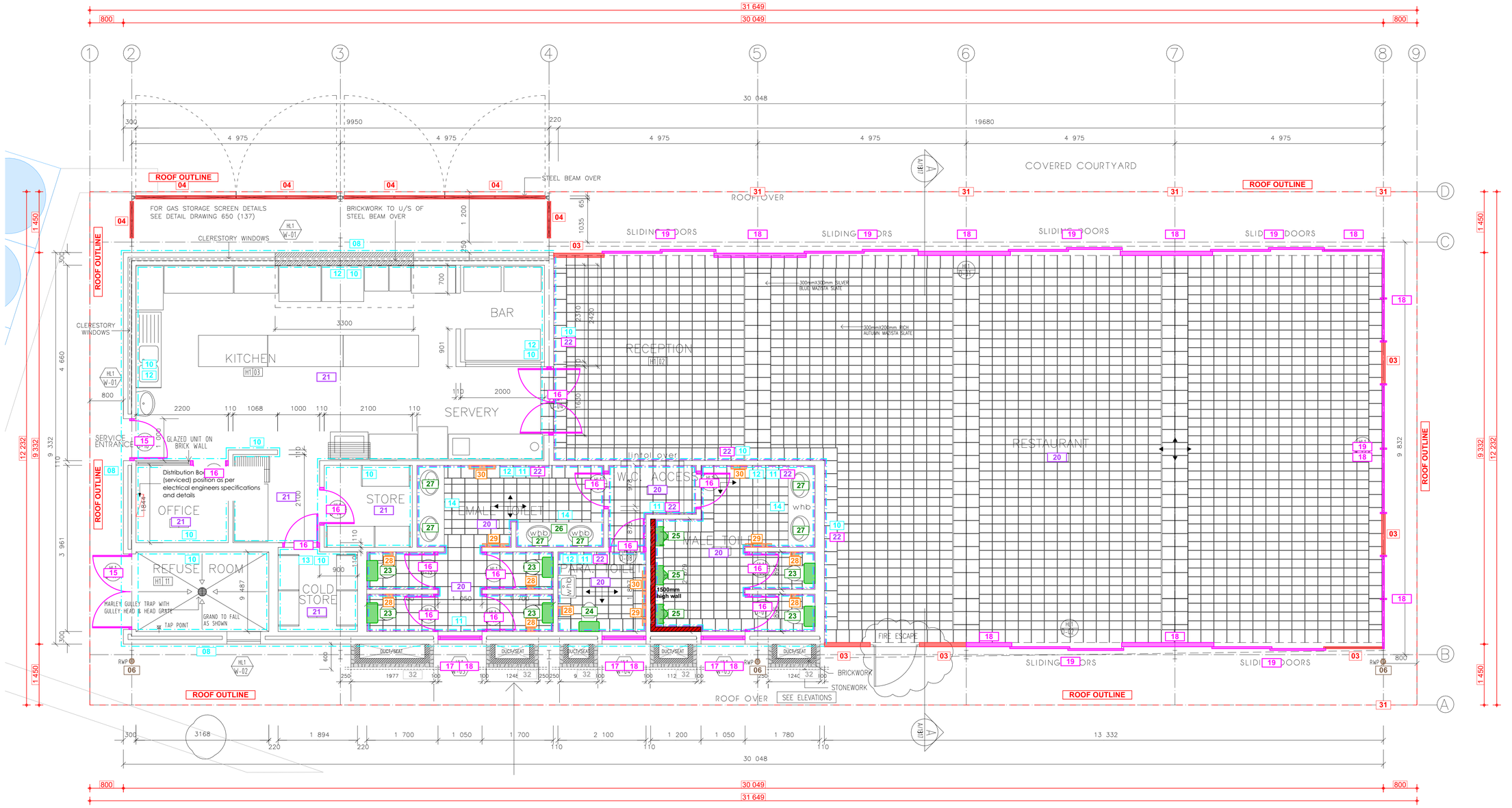
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MR. MZIWONKE DLABANTU

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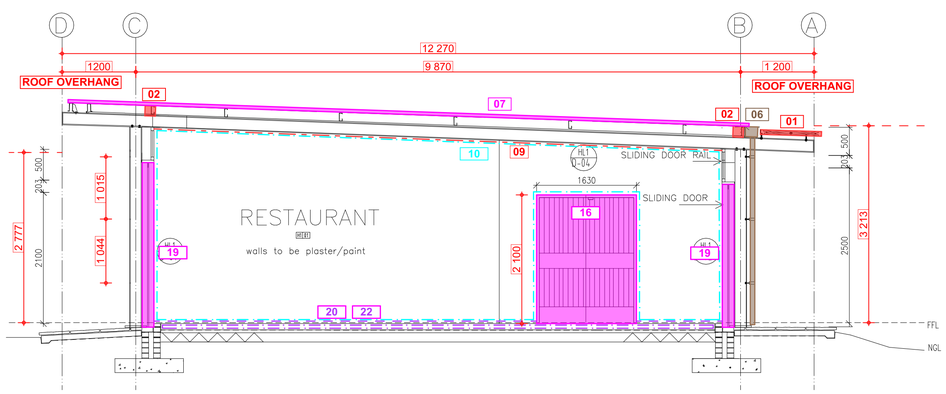
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK C - DINING HALL** ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.03.3
rev no.	



BLOCK H - RESTAURANT - FLOOR PLAN

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION

SCALE 1 : 50

0 0.5 1 2 4m

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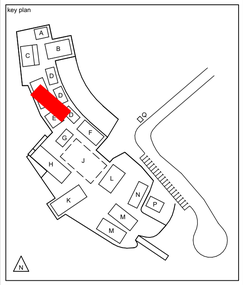
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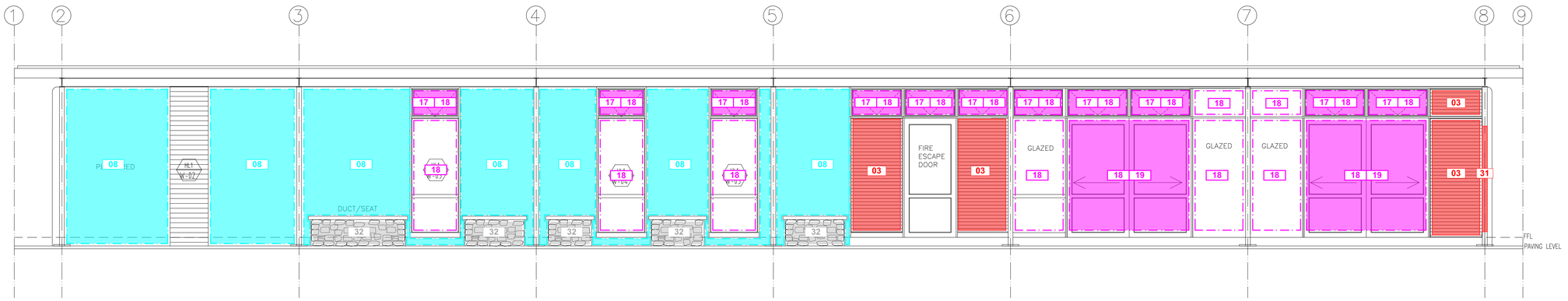
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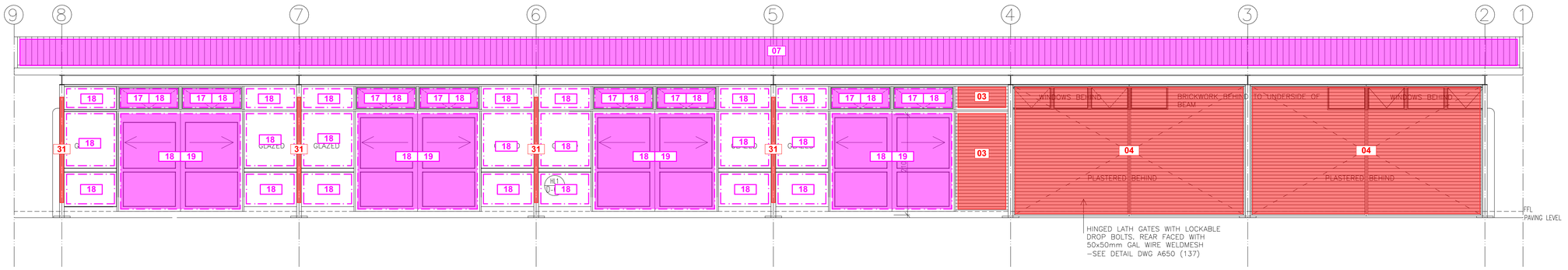
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.1
rev no.	



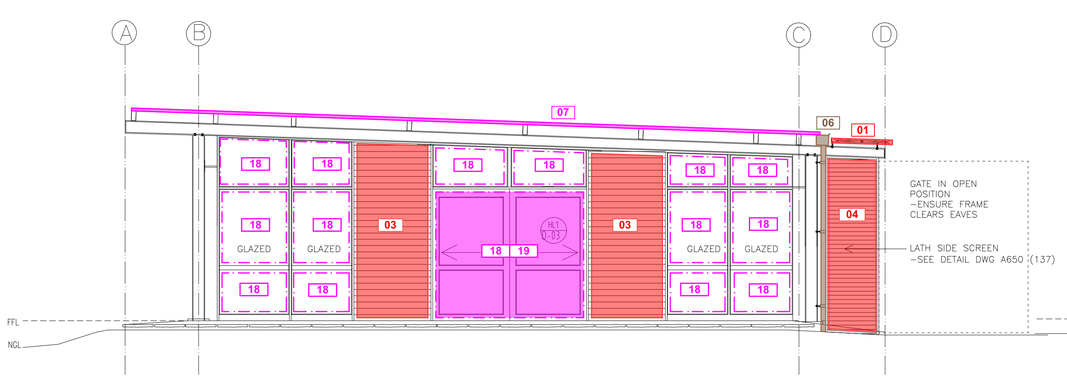
BLOCK H - RESTAURANT - SOUTH ELEVATION

SCALE 1 : 50



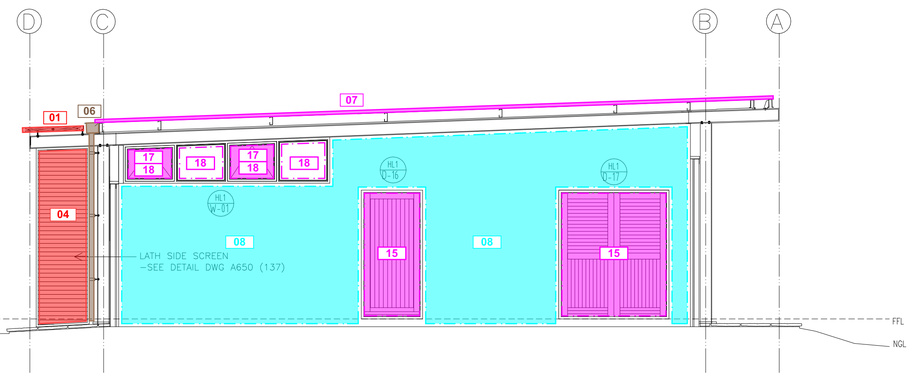
BLOCK H - RESTAURANT - NORTH ELEVATION

SCALE 1 : 50



BLOCK H - RESTAURANT - WEST ELEVATION

SCALE 1 : 50



BLOCK H - RESTAURANT - EAST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

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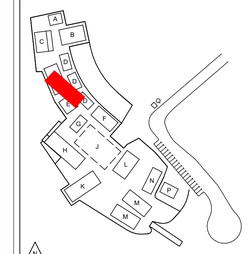
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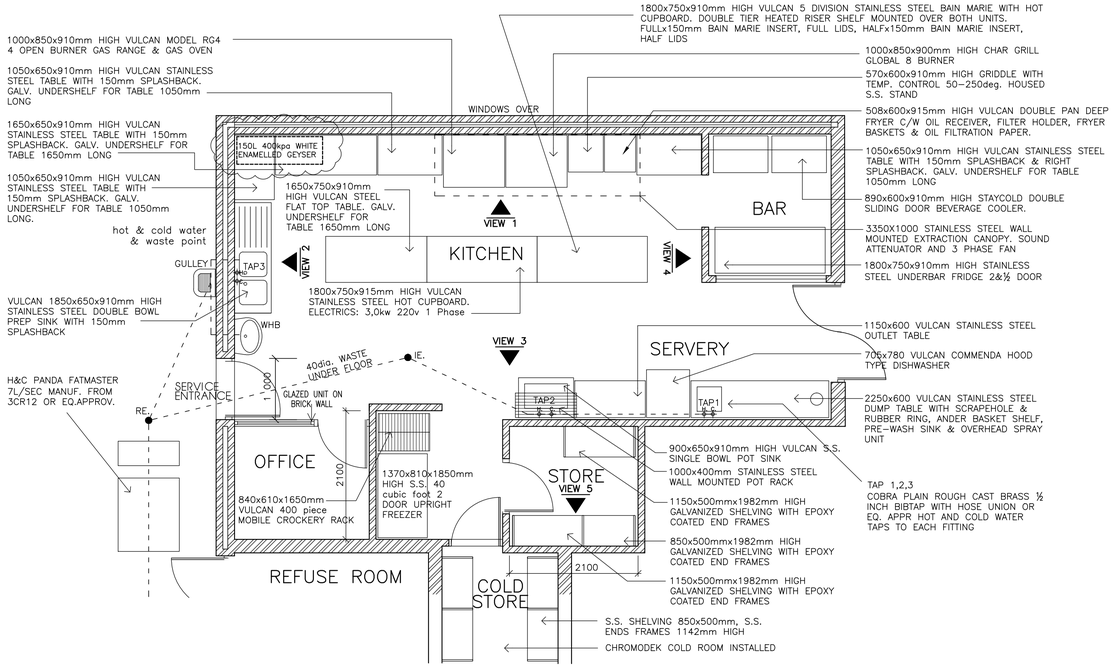
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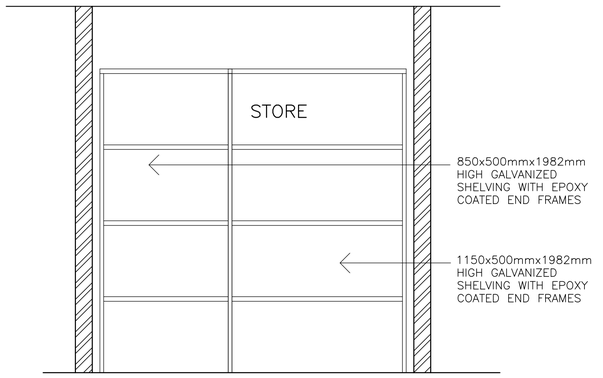
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CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT ELEVATIONS**
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.2
rev no.	



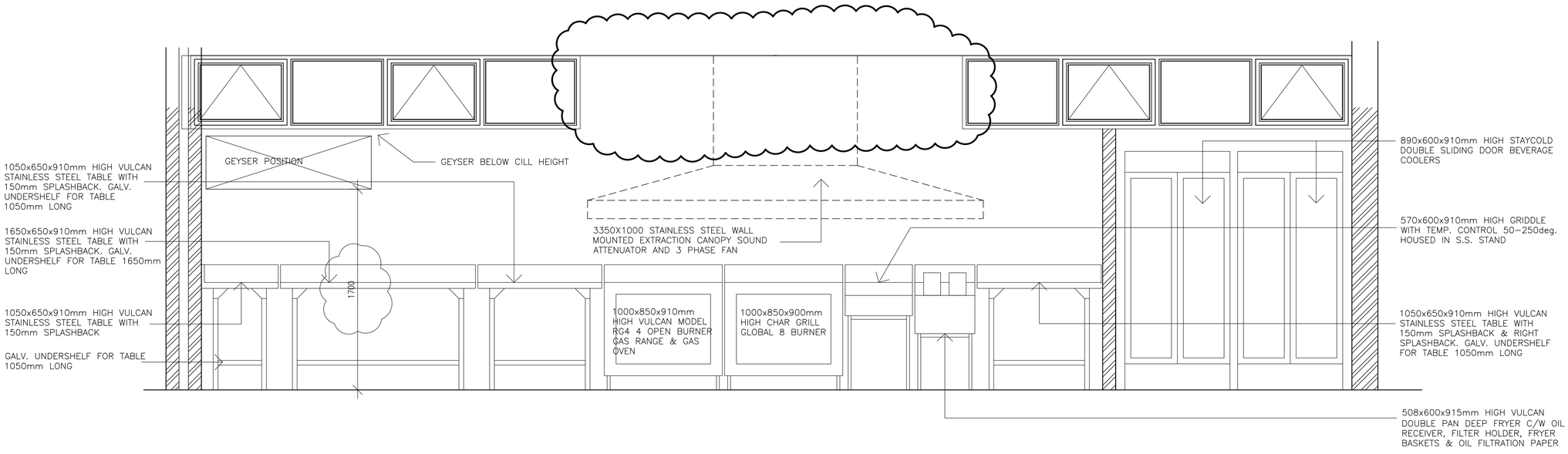
BLOCK H - RESTAURANT - DINING GALLERY FLOOR PLAN

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 5

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 1

SCALE 1 : 50

0 0.5 1 2 4m

general notes

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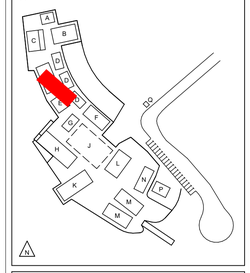
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other notes

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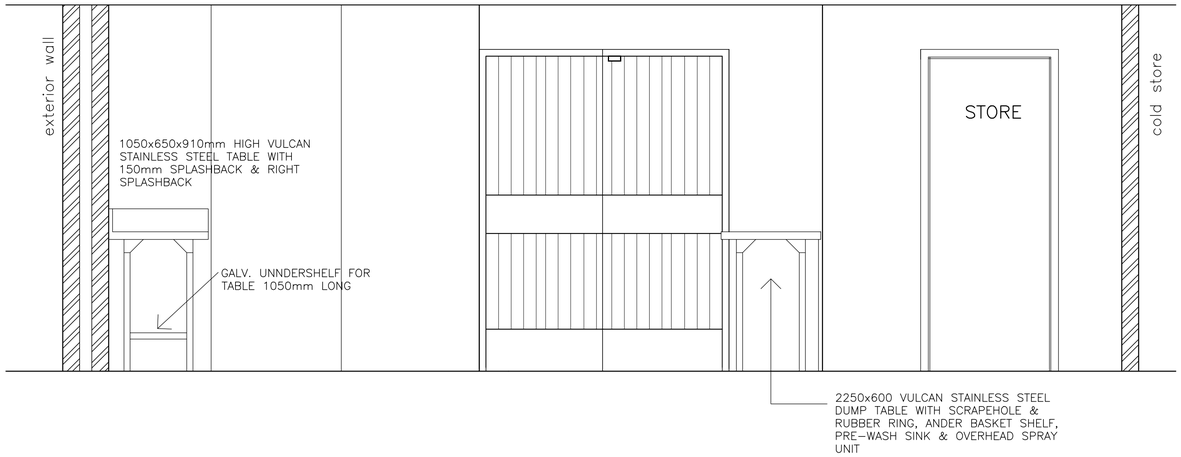
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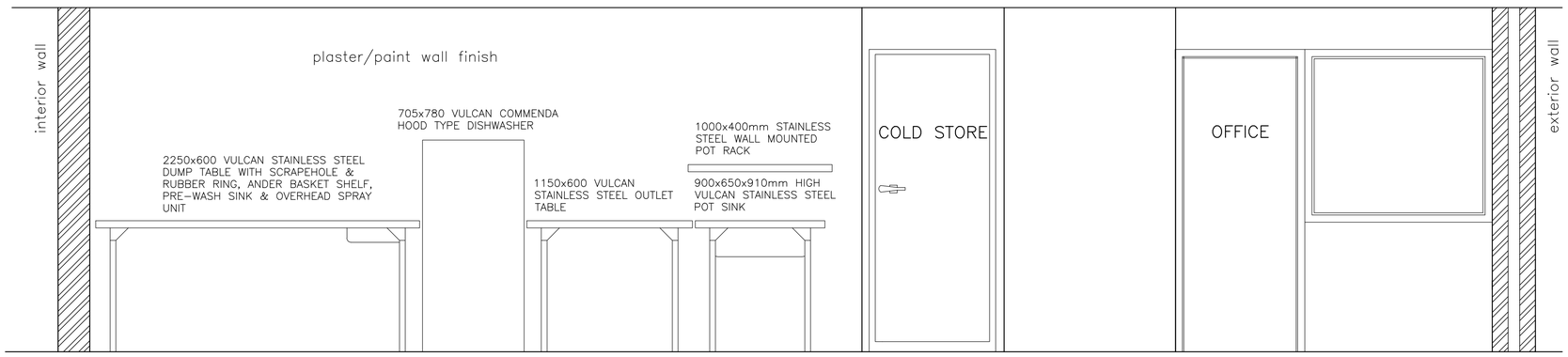
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** DINING FLOOR PLAN + SECTION ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
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rev no.	



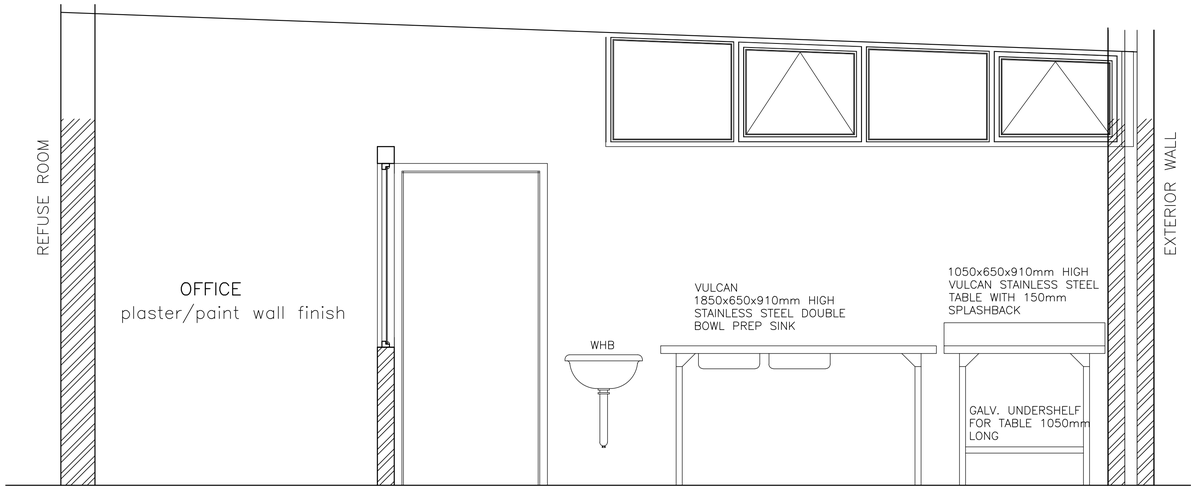
BLOCK H - RESTAURANT - SECTION ELEVATION 4

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 3

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 2

SCALE 1 : 50

0 0.5 1 2 4m

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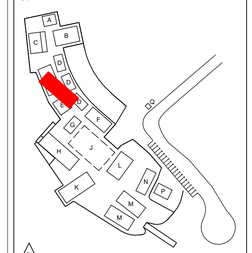
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key plan



other notes

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services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** SECTION ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.4
rev no.	

BLOCK	DESCRIIPTION	
H	RESTAURANT	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
ROOF SHEETS	7.	Replace 3 off roof sheets
EXTERNAL WALLS	8.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
	11.	In toilets Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	12.	In Toilets and kitchen: Clean down all tiled walls.
	13.	Replace missing 3 off white glazed wall tiles below access panel above cold room door. Supply and fit aluminium louvred access panel fixed to exist timber sub- frame. .Approximate size 535 x 535
	14.	To dwarf walls below basin vanity slabs in gents and ladies toilets: Fit black slate tiles to match existing in cementitious adhesive and grout to match.
EXTERNAL TIMBER DOORS	15.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	16.	TO SERVERY DOOR: Remove existing double door and frame. Provide and fit new framed ledged and braced batten double swing double door in 107 x 69 timber frame without rebate bolted to walls with 3 off 110mm expanding bolts per stile countersunk into frame and plugged. Approximate overall opening size 2100 x 1600. Size to be checked on site. Hinges to be 150mm heavy duty stainless steel double action spring hinges. Fit rebated s.s. barrel bolts and keeps to one leaf and a cylinder deadlock and s.s. escutcheon plate to the other. Reuse existing kick plates and push plates salvaged from existing doors. Sand down, apply 1 coat wood primer, 3 coats universal enamel. Replace existing "Trellidor" security gate with new approved propriety powder coated sliding security gate with swing away capability and having cylinder claw lock.
ALUMINIUM WINDOWS AND DOORS	17.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	18.	Replace all rubber seals to shopfront type aluminium glazing beads
	19.	Ease and service all sliding door mechanisms and locks.
FLOOR FINISH	20.	Restaurant and toilets: Clean down all slate tiles
	21.	Kitchen Clean down all ceramic floor tiles
SKIRTINGS	22.	Restaurant and toilets: Clean down all slate tiles to skirtings
SANITARYWARE	23.	In Gents and Ladies Toilets: Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved..
	24.	In Disabled Toilet: Replace existing toilet seat with heavy duty duroplast plastic toilet seat with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	25.	Remove existing urinals, pipework and tiles. Build up new 1200 high wall. Fit new slate tiles to match in cementitious adhesive. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer via 50 mm pvc wastes built into new wall.
	26.	In Ladies Toilet: Replace 1 off cracked above counter ceramic circular wash hand basin type "NEO" by Cotto to match existing, complete with pull up thief proof plug.
	27.	In Gents and Ladies toilets only: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved
	28.	In all toilets: Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	29.	In Gents and Ladies toilet cubicles and Disabled: Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved
	30.	In Gents, Ladies and Disabled: Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135 Fit s.s. hand cleanser dispenser as per Sanitary code 8973 or equal approved Gents: 2 off - 1 each side of basins Ladies:2 off - 1 each side of basins. Disabled: 1 off
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
ALL STONEWORK WALLS	32.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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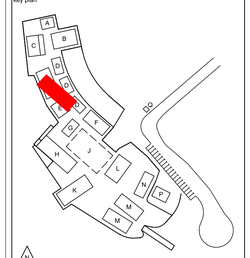
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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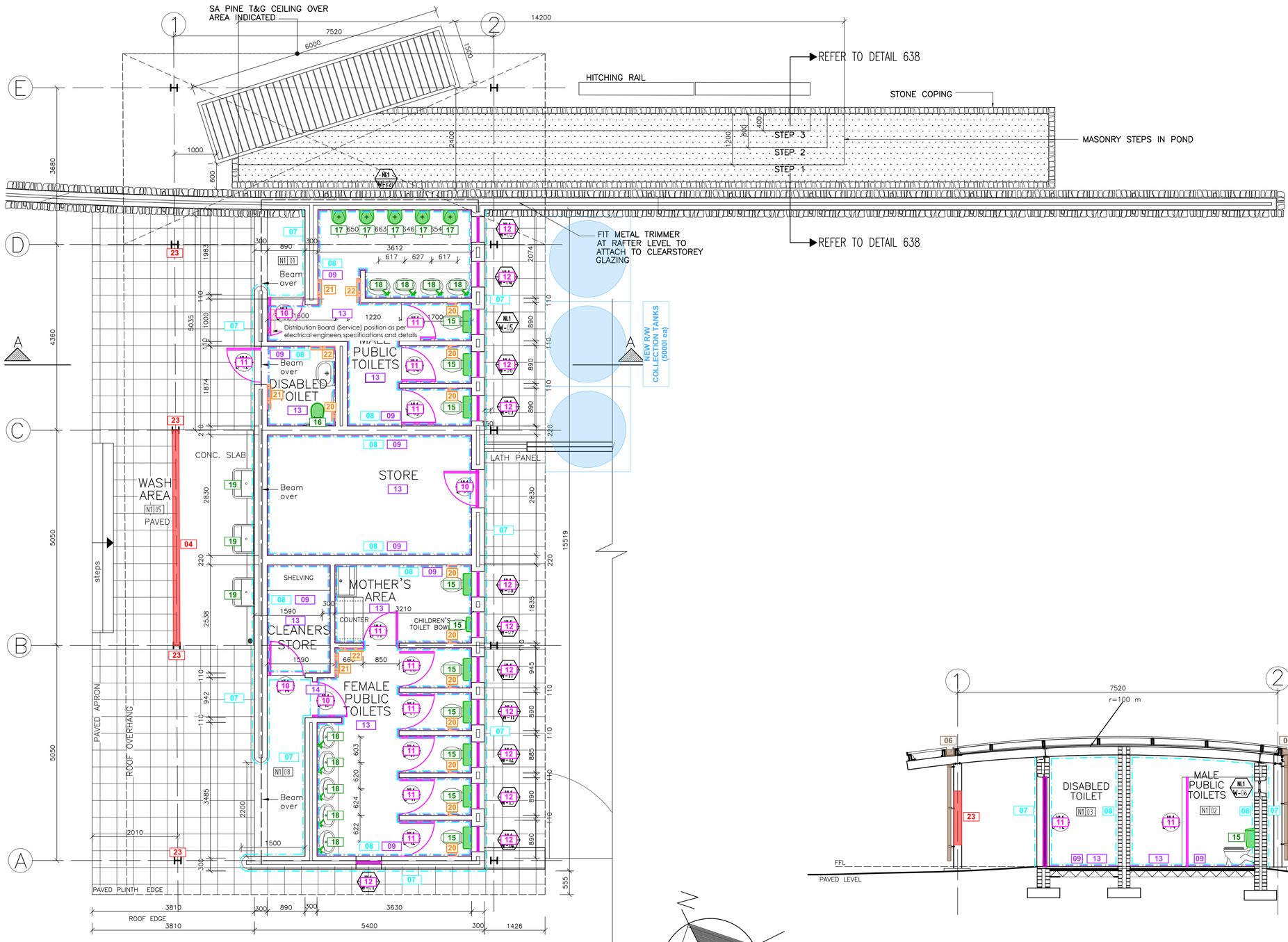
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

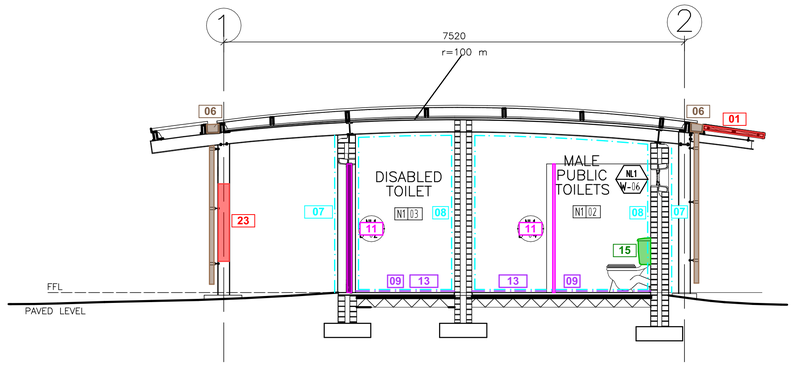
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** SPECIFICATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.5
rev no.	



BLOCK N - ABLUTIONS - FLOOR PLAN

SCALE 1 : 50



BLOCK N - ABLUTIONS - SECTION A

SCALE 1 : 50

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector.

project team

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key plan

other notes

NO	DATE	AMMENDMENT	DPW

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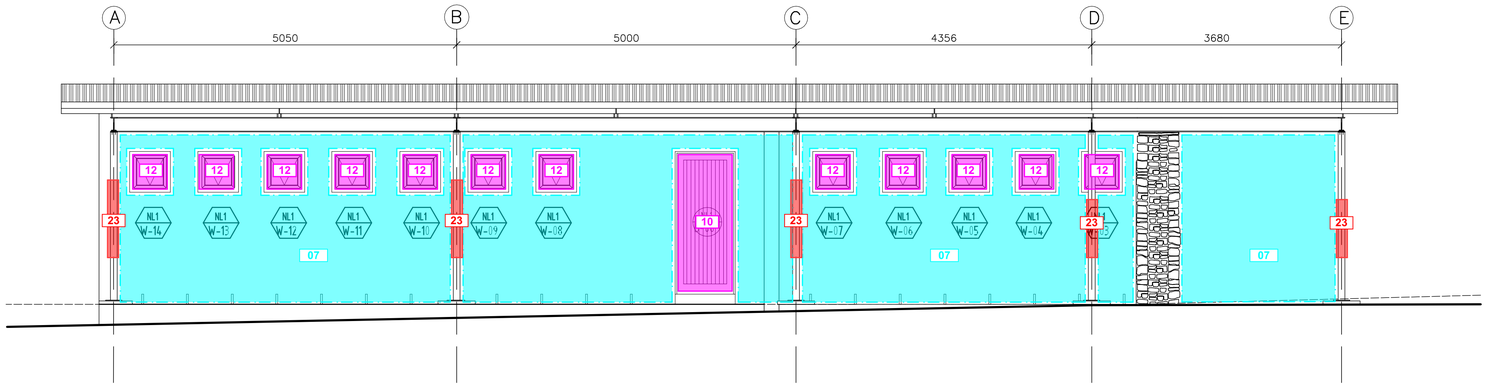
public works
Department: Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZWONKE DLABANTU

INTSIKA architects

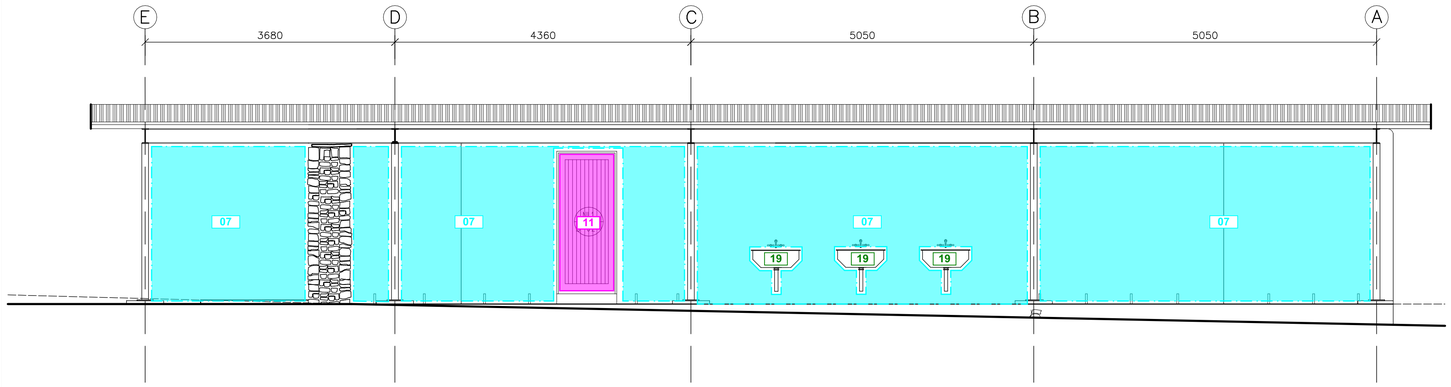
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK N - ABLUTIONS** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.14.1
rev no.	



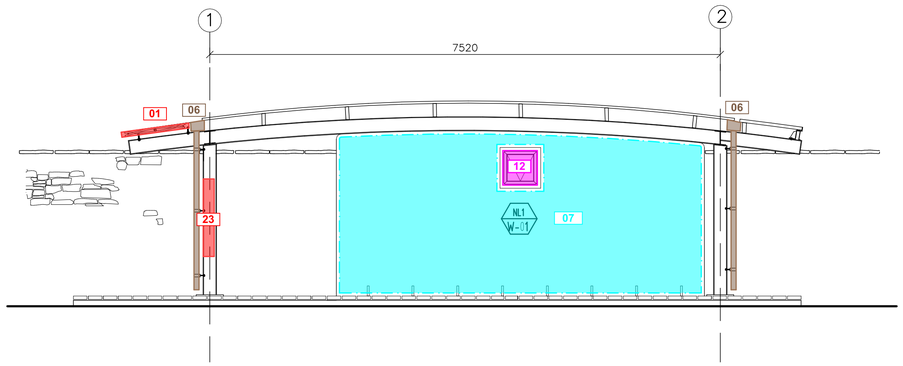
BLOCK N - ABLUTIONS - EAST ELEVATION

SCALE 1 : 50



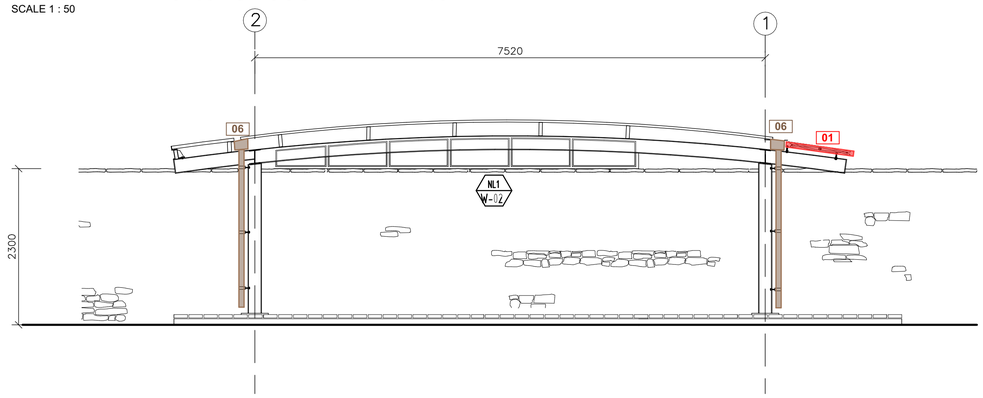
BLOCK N - ABLUTIONS - WEST ELEVATION

SCALE 1 : 50



BLOCK N - ABLUTIONS - SOUTH ELEVATION

SCALE 1 : 50



BLOCK N - ABLUTIONS - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
N	ABLUTIONS	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL WALLS	8.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint colour to match existing
	9.	Clean down all slate tiled walls and skirtings
EXTERNAL DOORS	10.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
TOILET DOORS AND DISABLED TOILET DOOR	11.	Replace ironmongery with new mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
FLOOR FINISH	13.	Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	14.	Hack up and recast threshold at entrance to Female toilets.
SANITARYWARE	15.	In all toilets except Disabled: Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	16.	In Disabled toilet: Replace existing toilet seat with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Remove existing urinals. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer system.
	18.	To all taps except in Disabled Toilet and outdoor washtroughs Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved
	19.	To external washtroughs: Replace tap heads with new brass bibtap heads to match existing. No. 6 off
	20.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	21.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	22.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
TIMBER INFILL TO STEEL COLUMNS	23.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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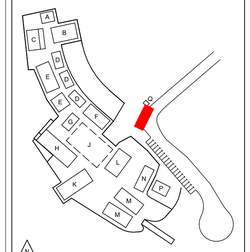
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

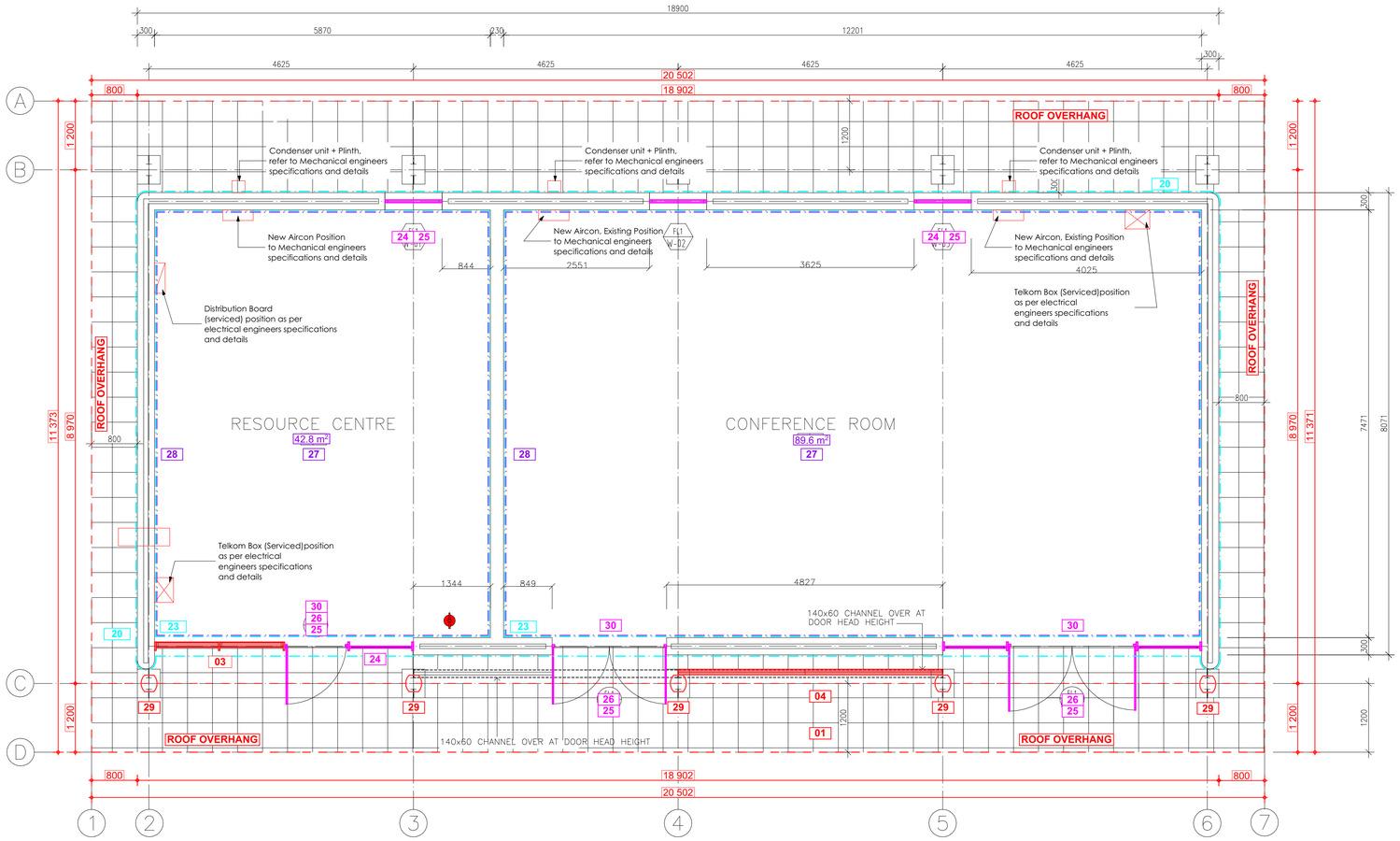
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public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

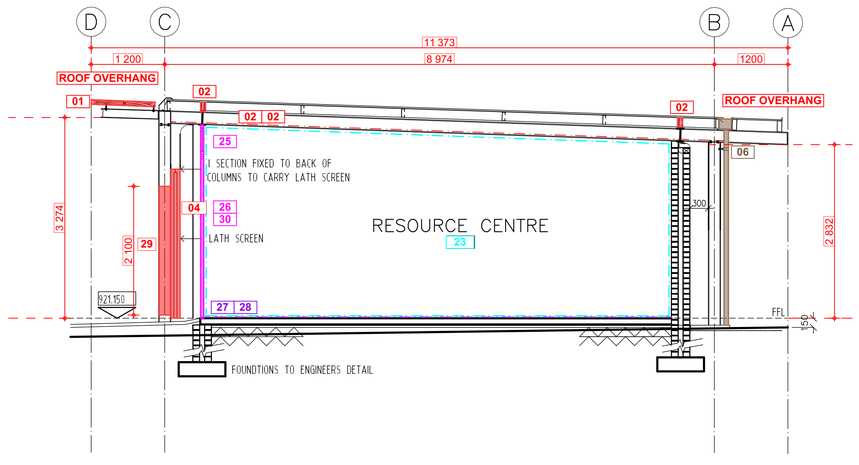
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK N - ABLUTIONS** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.14.2
rev no.	



BLOCK F - RESOURCE CENTRE - FLOOR PLAN

SCALE 1 : 50



BLOCK F - RESOURCE CENTRE - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
F	RESOURCE / CONFERENCE CENTRE

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	20.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	21.	Refix existing loose timber cornices to T&G ceiling.
	22.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	23.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
ALUMINIUM WINDOWS AND DOORS	24.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	25.	Replace all rubber seals to shopfront type aluminium glazing beads
	26.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	27.	Remove existing carpet tile floor covering. Remove all glue /adhesive. Lay new broadloom loop pile carpet on 30g/m2 underfelt
SKIRTINGS	28.	Fit new 75mm x 19mm back trenched s.a pine skirting to internal face of southern walls. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	29.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
BLINDS	30.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

N

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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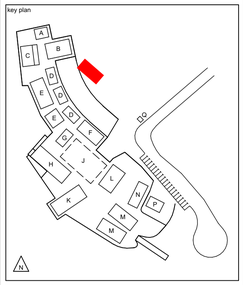
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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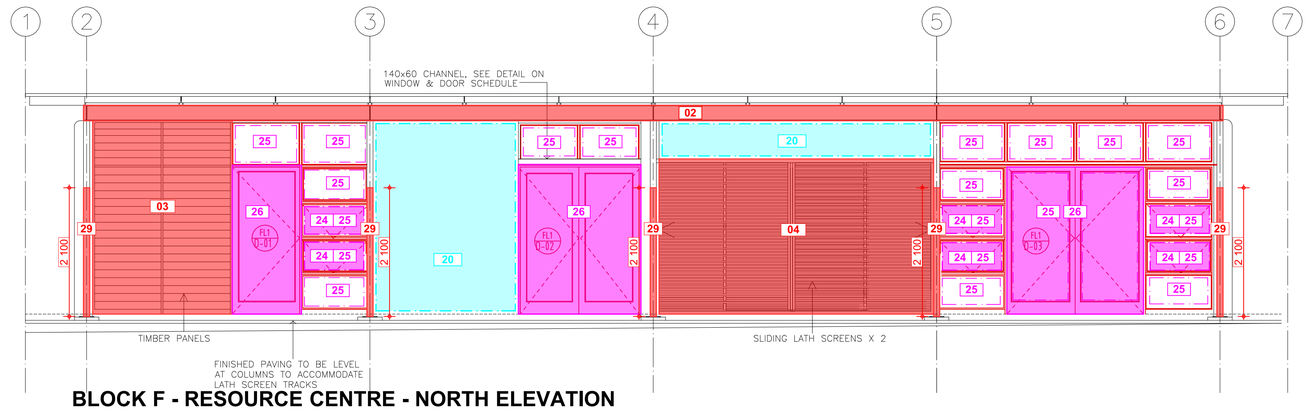
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

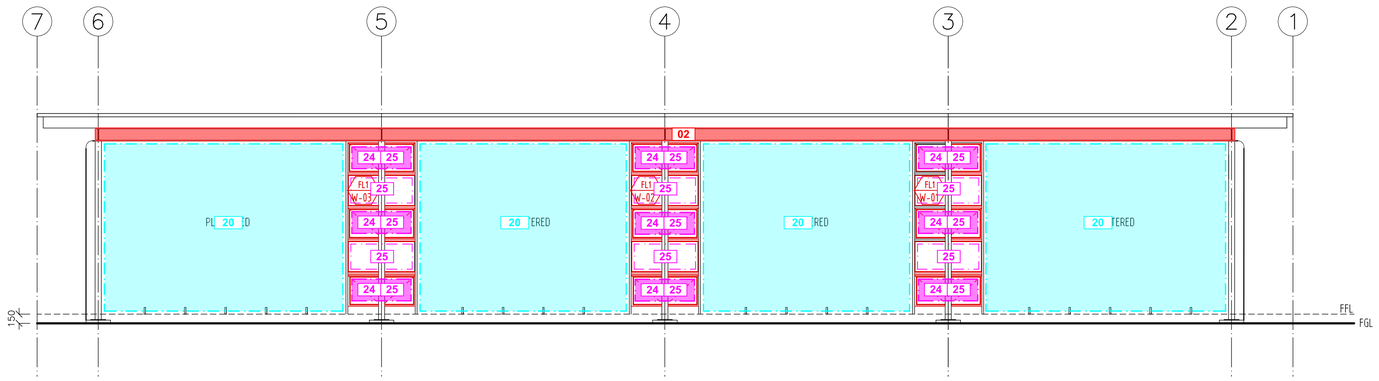
issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	BLOCK F - RESOURCE CENTRE FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.06.1
rev no.	



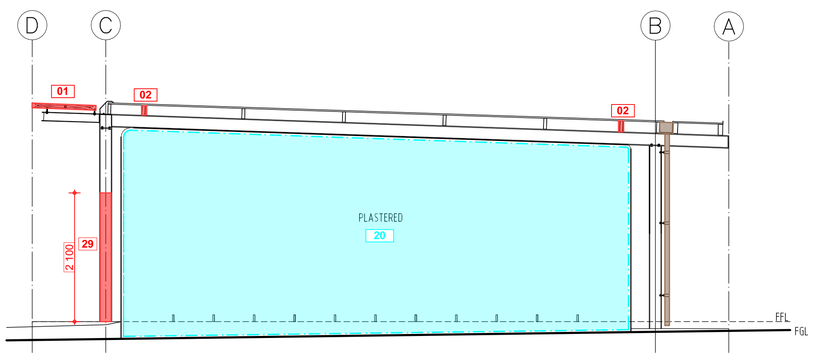
BLOCK F - RESOURCE CENTRE - NORTH ELEVATION

SCALE 1 : 50



BLOCK F - RESOURCE CENTRE - SOUTH ELEVATION

SCALE 1 : 50



BLOCK F - RESOURCE CENTRE - EAST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
F	RESOURCE / CONFERENCE CENTRE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	20.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	21.	Refix existing loose timber cornices to T&G ceiling.
	22.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	23.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
ALUMINIUM WINDOWS AND DOORS	24.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	25.	Replace all rubber seals to shopfront type aluminium glazing beads
	26.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	27.	Remove existing carpet tile floor covering. Remove all glue /adhesive. Lay new broadloom loop pile carpet on 30g/m2 underfelt
SKIRTINGS	28.	Fit new 75mm x 19mm back trenched s.a pine skirting to internal face of southern walls. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	29.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
BLINDS	30.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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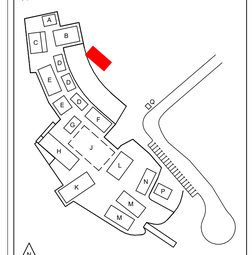
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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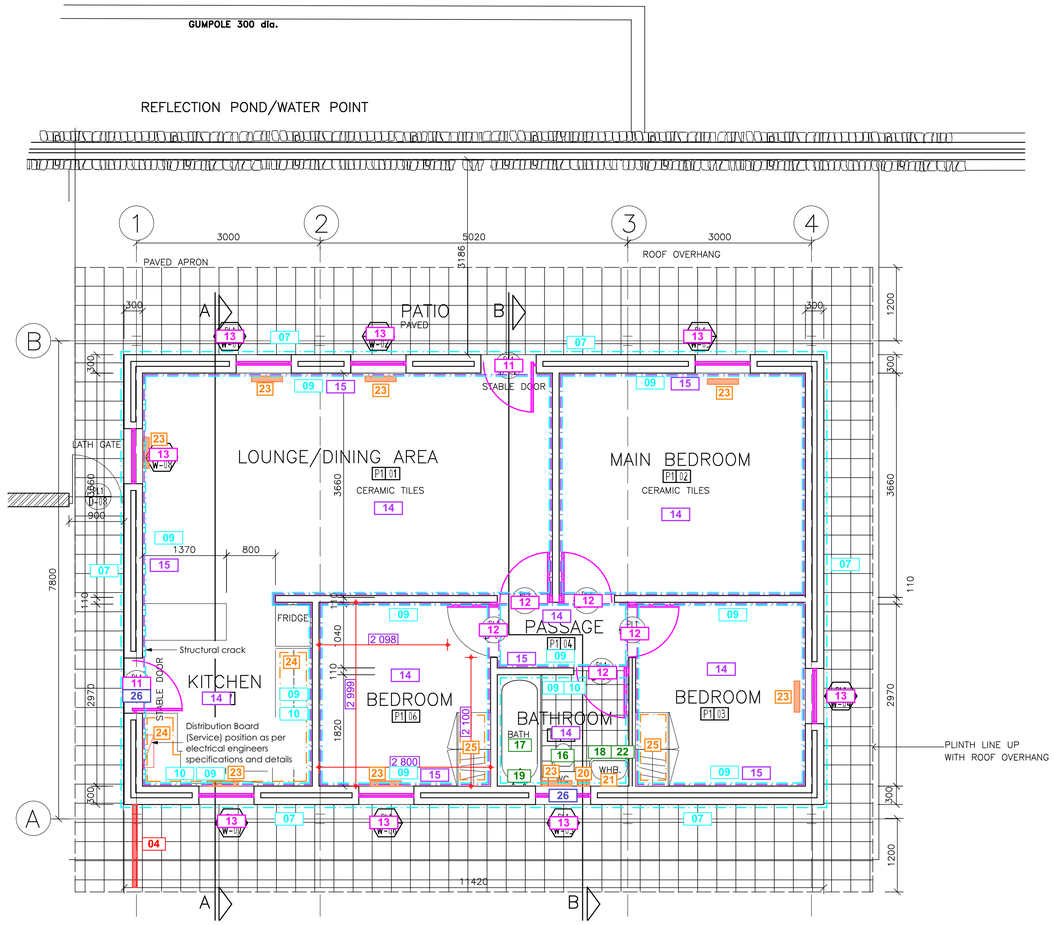
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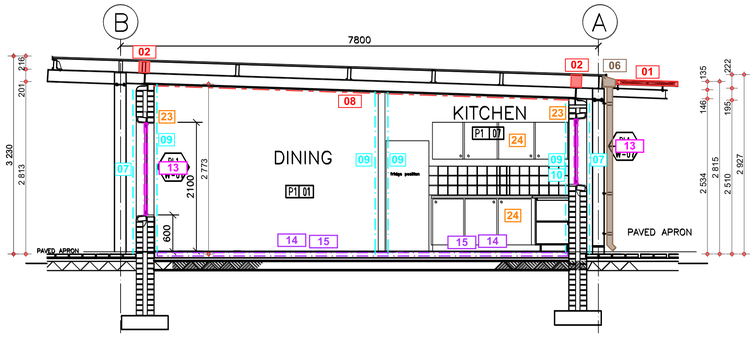
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK F - RESOURCE CENTRE** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
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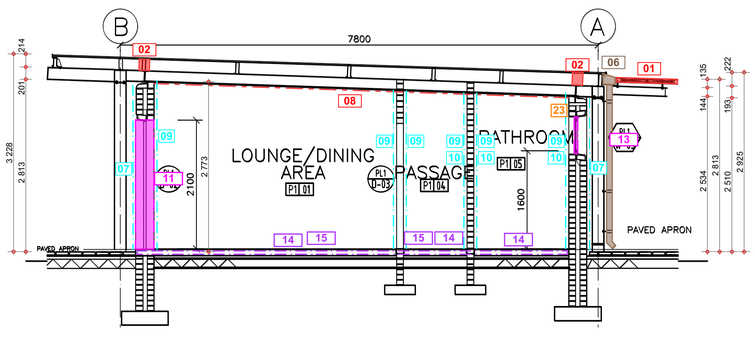
BLOCK P - CARETAKERS FLAT - FLOOR PLAN

SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION A

SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION B

SCALE 1 : 50

BLOCK	DESCRIPTION	
P	CARETAKER'S HOUSE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
VERTICAL LATTICE SCREEN TO EXTERNAL DOUBLE GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathroom and Kitchen. Clean down all white glazed tiled walls. Clean grouting with propriety mould remover.
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten stable doors hung with 1 pr brass butt hinges per leaf on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	12.	Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply I coat universal undercoat, 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS	13.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. Replace all gaskets.
FLOOR FINISH	14.	Clean, strip and seal existing vinyl sheet flooring
SKIRTINGS	15.	All rooms except bathroom (no skirting in bathroom) Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	16.	Replace existing toilet seat with heavy duty duroplast plastic toilet seat with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Clean out bath and provide new rubber bathplug.
	18.	Replace wash hand basin tap heads with new 15mm c.p wash hand basin tapheads as per Ledimo LO-214-15 or equal other.
	19.	Replace bath tap heads with new 15mm c.p bath tapheads as per Ledimo LO-214-15 or equal other.
	20.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	21.	Replace 400 x 600 mirror screwed to wall with dome headed mirror screws
	22.	Remove silicon sealer around wash hand basin. Prime surfaces and reseal with white silicon sealant.
CURTAIN TRACKS	23.	Fit 1200 long aluminium single track curtain track suitable for heavyweight curtains with powder coated steel brackets complete with 24 runners and stop ends above all windows.
JOINERY	24.	In Kitchen: Remove all existing kitchen cupboards, sink units and fittings. Replace with new joinery as per drawing. Fit new bowl mounted sink mixer with swivel spout as per Ledimo LO-296 or equal approved.
	25.	In Bedrooms: Fit new 1200w x 2100h x 550d cupboards with 1 door shelf space 2 doors hanging space as per cupboard drawing.
STRUCTURE REPAIR	26.	Remove existing lintols, and replace with new lintols at correct bearings of 150mm min both sides as per engineers details. Removed plaster to be replaced and area made good. Paint repaired areas to match existing.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	02.03.20	ADDITIONAL DIMENSIONS SUPPLIED.	
02	03.12.20	LINTOL REPLACEMENT AS PER APPR. VO1.	

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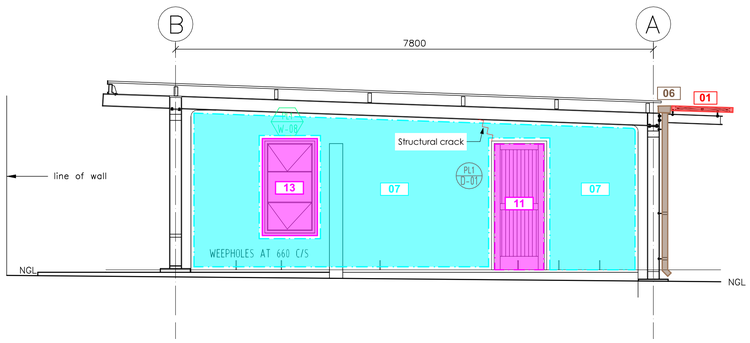
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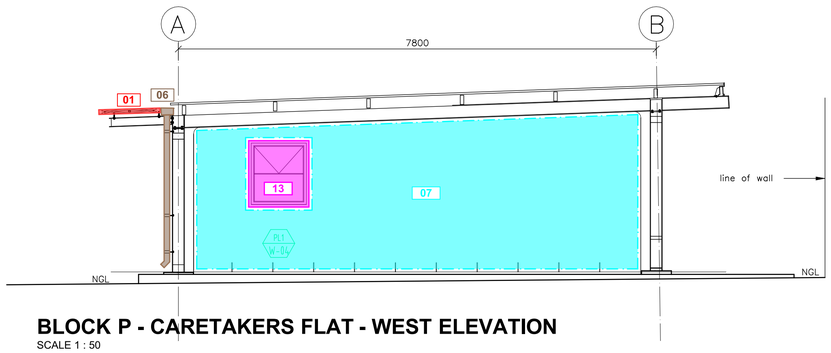
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK P - CARETAKERS FLAT** FLOOR PLAN + SECTIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.15.1
rev no.	02



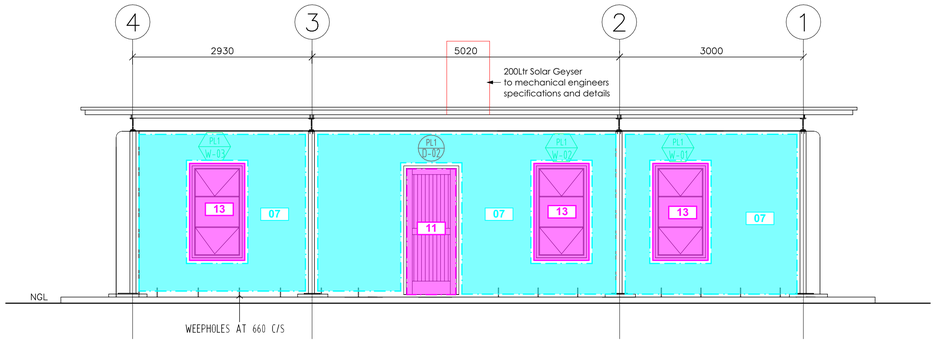
BLOCK P - CARETAKERS FLAT - EAST ELEVATION

SCALE 1 : 50



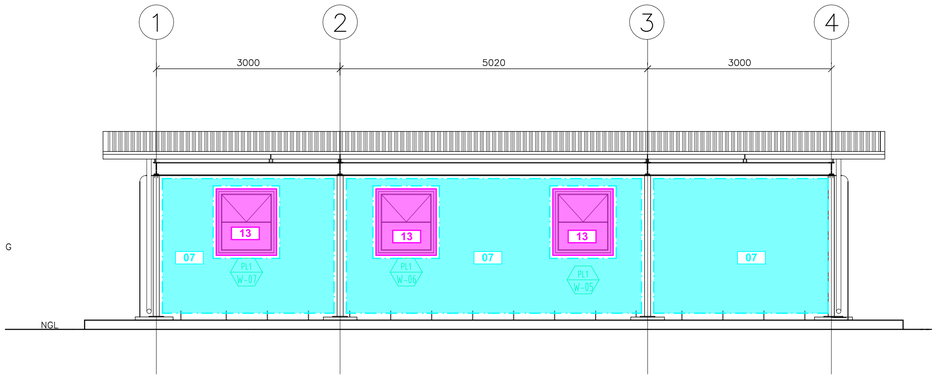
BLOCK P - CARETAKERS FLAT - WEST ELEVATION

SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SOUTH ELEVATION

SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
P	CARETAKER'S HOUSE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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STRUCTURE REPAIR	26.	Remove existing lintols, and replace with new lintols at correct bearings of 150mm min both sides as per engineers details. Removed plaster to be replaced and area made good. Paint repaired areas to match existing.

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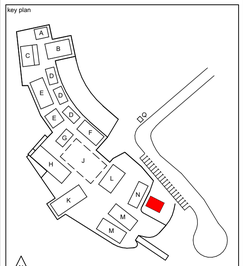
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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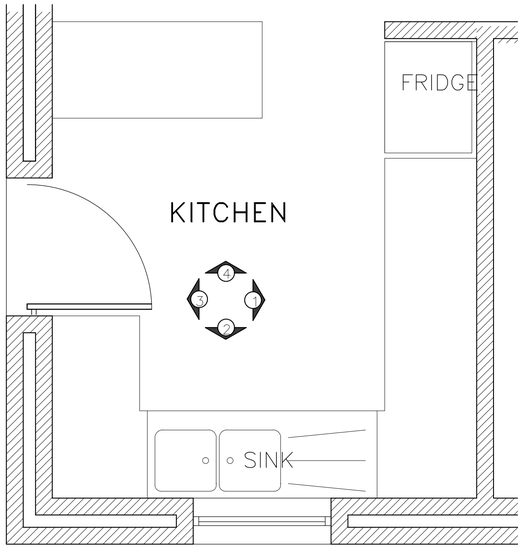
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

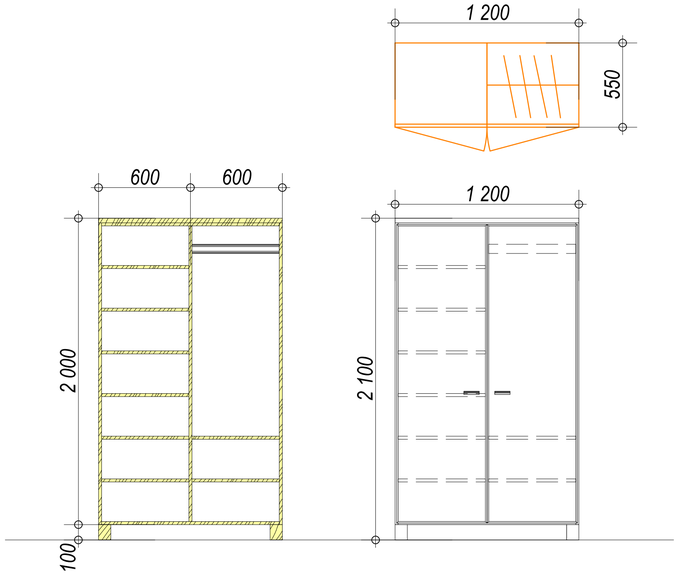
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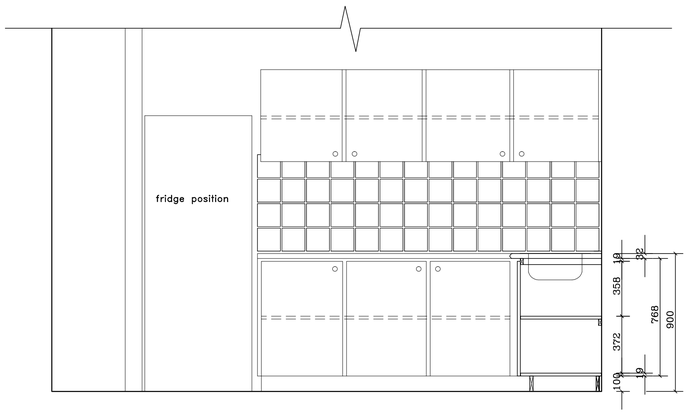
discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK P - CARETAKERS FLAT** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.15.2
rev no.	



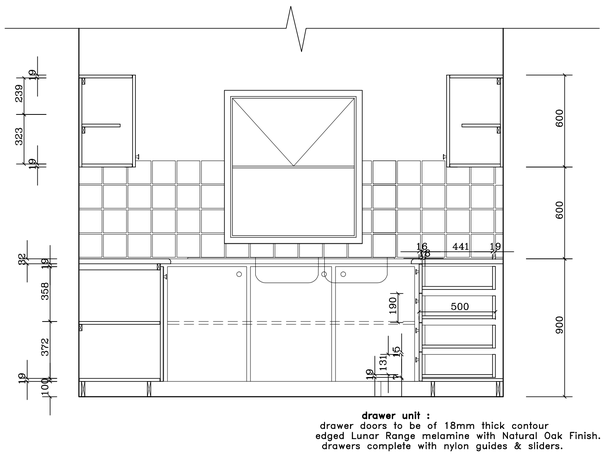
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SCALE 1 : 50



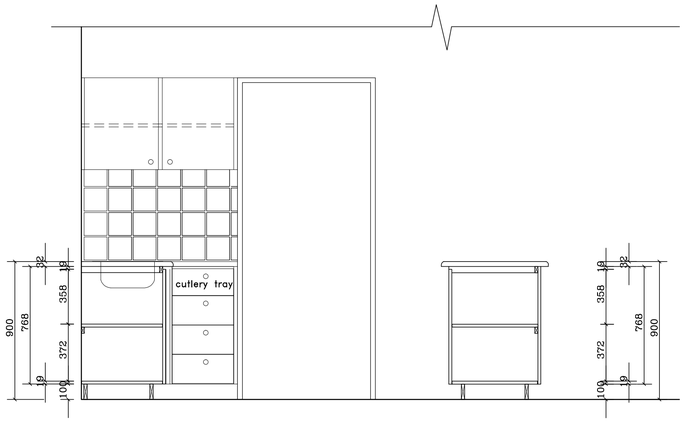
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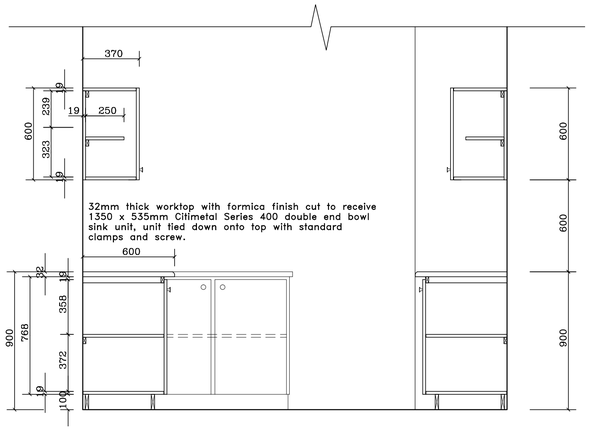
BLOCK P - CARETAKERS FLAT - SECTION 1
SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION 2
SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION 3
SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION 4
SCALE 1 : 50

BLOCK	DESCRIPTION	
P	CARETAKER'S HOUSE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
VERTICAL LATTICE SCREEN TO EXTERNAL DOUBLE GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathroom and Kitchen. Clean down all white glazed tiled walls. Clean grouting with propriety mould remover.
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten stable doors hung with 1 pr brass butt hinges per leaf on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	12.	Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply I coat universal undercoat, 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS	13.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. Replace all gaskets.
FLOOR FINISH	14.	Clean, strip and seal existing vinyl sheet flooring
SKIRTINGS	15.	All rooms except bathroom (no skirting in bathroom) Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	16.	Replace existing toilet seat with heavy duty duroplast plastic toilet seat with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Clean out bath and provide new rubber bathplug.
	18.	Replace wash hand basin tap heads with new 15mm c.p wash hand basin tapheads as per Ledimo LO-214-15 or equal other.
	19.	Replace bath tap heads with new 15mm c.p bath tapheads as per Ledimo LO-214-15 or equal other.
	20.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	21.	Replace 400 x 600 mirror screwed to wall with dome headed mirror screws
	22.	Remove silicon sealer around wash hand basin. Prime surfaces and reseal with white silicon sealant.
CURTAIN TRACKS	23.	Fit 1200 long aluminium single track curtain track suitable for heavyweight curtains with powder coated steel brackets complete with 24 runners and stop ends above all windows.
JOINERY	24.	In Kitchen: Remove all existing kitchen cupboards, sink units and fittings. Replace with new joinery as per drawing. Fit new bowl mounted sink mixer with swivel spout as per Ledimo LO-296 or equal approved.
	25.	In Bedrooms: Fit new 1200w x 2100h x 550d cupboards with 1 door shelf space 2 doors hanging space as per cupboard drawing.
STRUCTURE REPAIR	26.	Remove existing lintols, and replace with new lintols at correct bearings of 150mm min both sides as per engineers details. Removed plaster to be replaced and area made good. Paint repaired areas to match existing.

WORKTOP:
32mm thick post formed Formica worktop
Delta 90 colour 632 Blue Marble

SINK
32mm thick worktop with formica finish cut to receive 1350 x 535mm Citimetal Series 400 double end bowl sink unit, unit tied down onto top with standard clamps and screw.

DOOR PANEL:
18mm thick melamine contour edged lunar rand,e doors by Formica, Colour 769 Oxford Cherry, fixed with potted self closing concealed steel hinges

SHELVES:
16mm thick melawood shelving with Utility White Peen finish

DRAWER UNIT
19mm thick superwood contour edged Lunar range melamine doors, colour 769 Oxford Cherry complete with Nylon guides and sliders

HANDLE :
SOLID E40 zinc alloy chrome plated conecave knob (code 101)

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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Imvelo Quantity Surveyors
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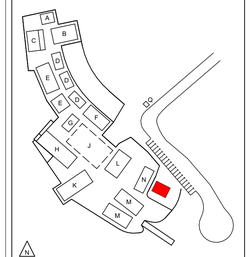
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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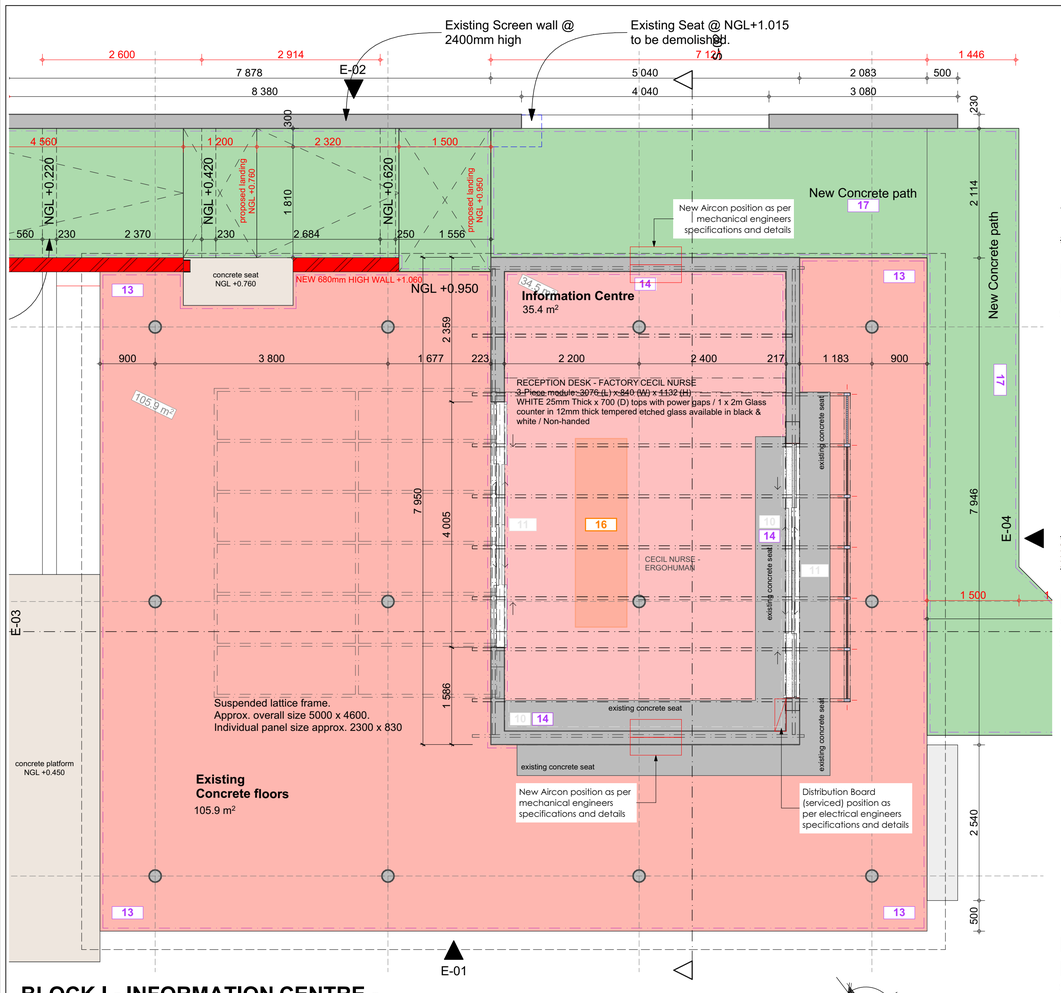
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

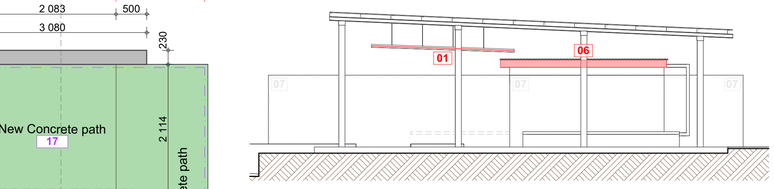
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CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK P - CARETAKERS FLAT** JOINERY DETAILS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.15.3
rev no.	



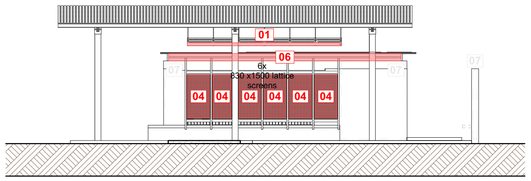
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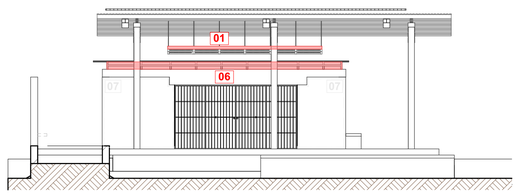
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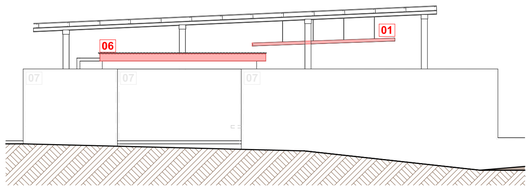
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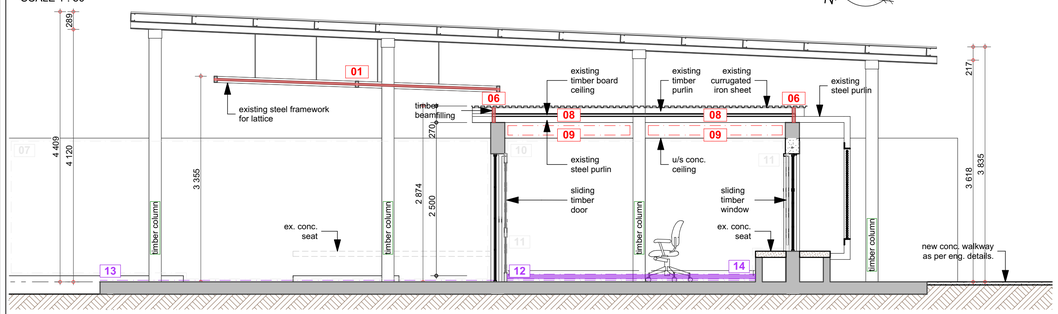
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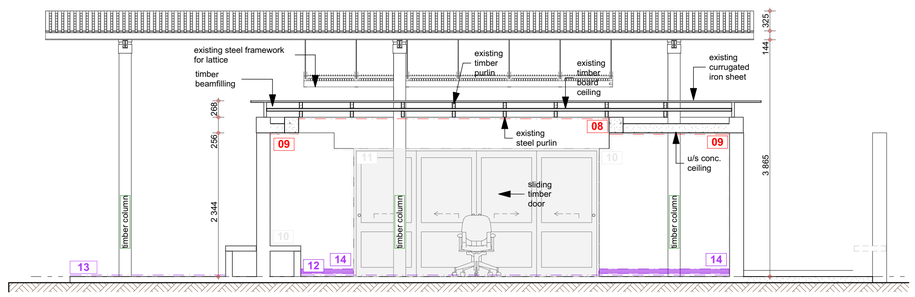
BLOCK I - INFORMATION CENTRE - SOUTH EAST ELEVATION - E02

SCALE 1 : 100



BLOCK I - INFORMATION CENTRE - SECTION 01

SCALE 1 : 50



BLOCK I - INFORMATION CENTRE - SECTION 02

SCALE 1 : 50

BLOCK	DESCRIPTION
I	INFORMATION CENTRE

ITEM	CODE	SPECIFICATION
		INFORMATION CENTRE PROPER
ROOF LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAMFILLING	6	Sand down existing timber beamfilling between purlins, between sprockets above purlins and barge boards. Apply 1 coat universal undercoat. Apply 2 coats superior quality universal enamel with light sanding between coats. Colour - black
EXTERNAL WALLS	7.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Sand down internal faces of timber beamfilling between steel purlins and underside of timber boarded ceiling fixed on top of steel purlins. Apply 1 coat universal undercoat. Apply 2 coats acrylic emulsion paint Colour - white
	9.	To concrete slabs to ceiling: Clean down, apply plaster primer. Apply 2 coats acrylic emulsion paint. Colour - white
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
GLAZED TIMBER SLIDING DOORS AND WINDOWS.	11.	Service all sliding door / window mechanisms and locking mechanisms. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
FLOOR FINISH	12.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	External Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
SKIRTING	14.	Fit new 75mm x 19mm back trenched S.A.pine skirting. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
NEW RAMPS	15.	Cast new 100mm thick concrete walkway and ramp on compacted fill in positions as shown on plan
JOINERY	16.	Provide new reception counter as per joinery drawing
CONCRETE WALWAY	17.	Clear vegetation, scarify, and cast 100 thick concrete walkway with broom finish on compacted inert fill as per drawing
		INFORMATION CENTRE ABLUTION BLOCK
EXTERNAL WALLS	18.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	19.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
FLOOR FINISH	20.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
EXTERNAL PAINTED GALV. GATES	21.	Clean down existing painted galvanised gates. Service existing locks. Apply 1 ct universal undercoat. Apply 2 coats high quality universal enamel paint.
INTERNAL TIMBER DOORS	22.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 815 Fit mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Sand down. Apply I ct wood primer to doors and frames, 1 ct universal undercoat & 2 coats universal enamel. Colour - Black
SANITARY WARE	23.	Replace all WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	To all taps: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	25.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	27.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
EXTERNAL CONCRETE APRON	28.	Clear vegetation, scarify round entire building and cast 600 wide x 100 thick concrete apron on compacted inert fill.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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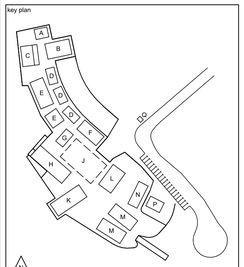
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	18.11.19	ADJUSTMENT OF AS-BUILT DETAILS AND DISABLED ACCESS RAMP.	
02	02.03.20	ADDITIONAL DIMENSIONS PROVIDED.	

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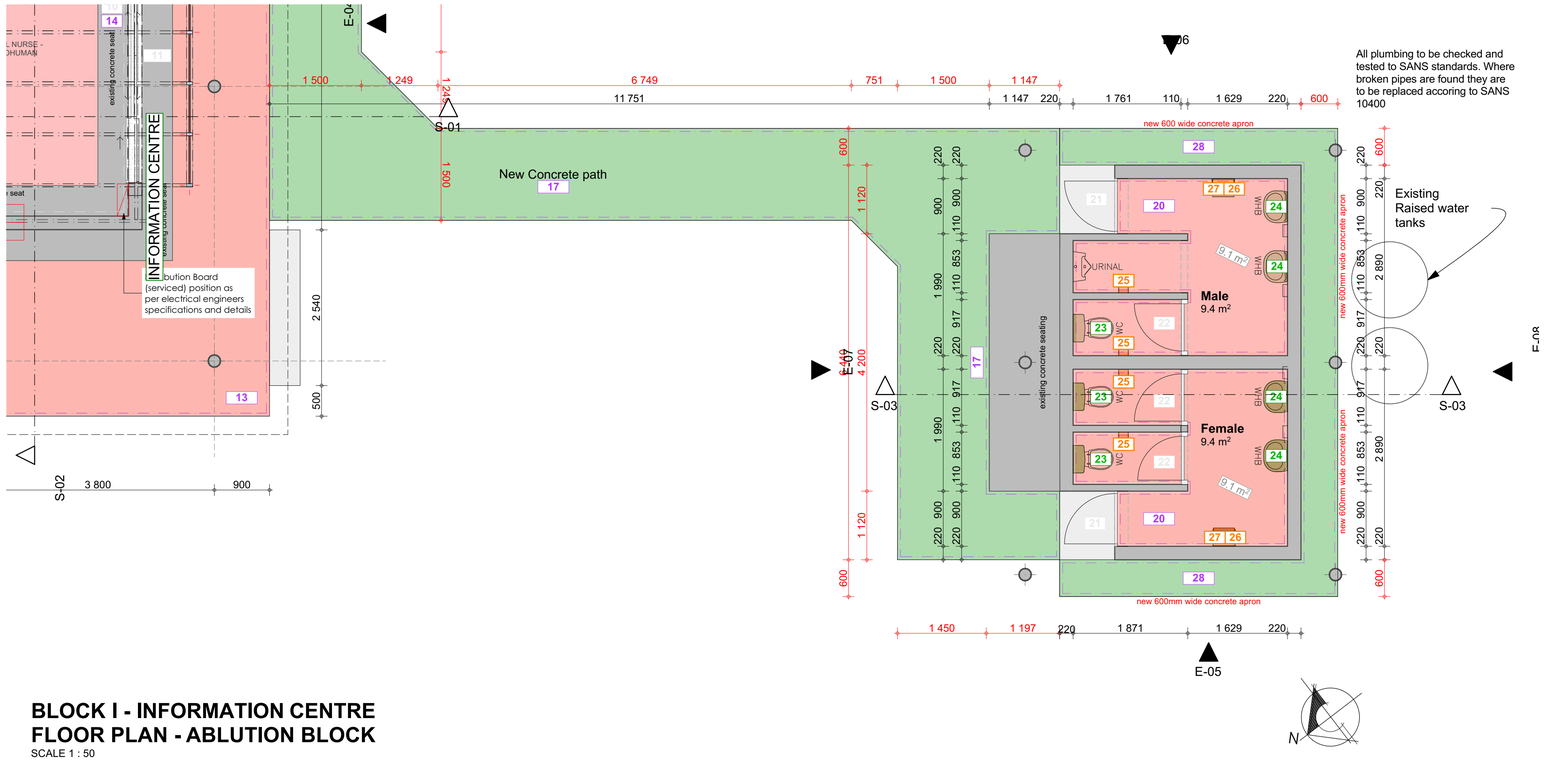
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

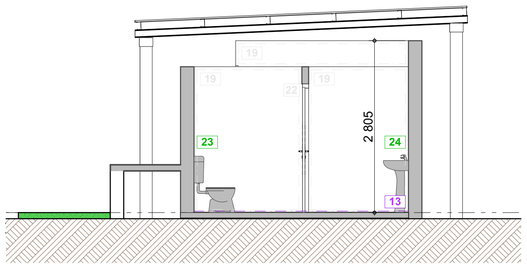
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK I - INFO CENTRE** INFO CENTRE FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.09.1
rev no.	02



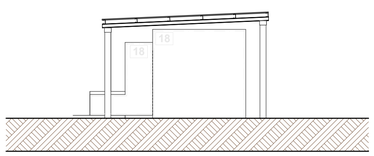
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FLOOR PLAN - ABLUTION BLOCK

SCALE 1 : 50



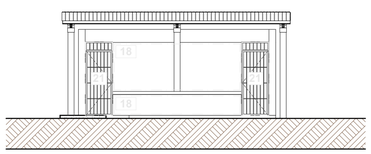
BLOCK I - INFORMATION CENTRE
SECTION 03 - ABLUTION BLOCK

SCALE 1 : 50



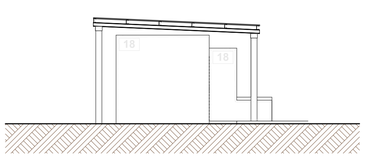
BLOCK I - INFORMATION CENTRE
ELEVATION 05 - ABLUTION BLOCK

SCALE 1 : 100



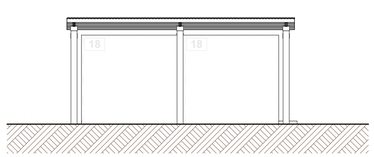
BLOCK I - INFORMATION CENTRE
ELEVATION 07 - ABLUTION BLOCK

SCALE 1 : 100



BLOCK I - INFORMATION CENTRE
ELEVATION 06 - ABLUTION BLOCK

SCALE 1 : 100



BLOCK I - INFORMATION CENTRE
ELEVATION 08 - ABLUTION BLOCK

SCALE 1 : 100

BLOCK	DESCRIPTION
I	INFORMATION CENTRE

ITEM	CODE	SPECIFICATION
		INFORMATION CENTRE PROPER
ROOF LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAMFILLING	6	Sand down existing timber beamfilling between purlins, between sprockets above purlins and barge boards. Apply 1 coat universal undercoat. Apply 2 coats superior quality universal enamel with light sanding between coats. Colour - black
EXTERNAL WALLS	7.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Sand down internal faces of timber beamfilling between steel purlins and underside of timber boarded ceiling fixed on top of steel purlins. Apply 1 coat universal undercoat. Apply 2 coats acrylic emulsion paint Colour - white
	9.	To concrete slabs to ceiling: Clean down, apply plaster primer. Apply 2 coats acrylic emulsion paint. Colour - white
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
GLAZED TIMBER SLIDING DOORS AND WINDOWS.	11.	Service all sliding door / window mechanisms and locking mechanisms. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
FLOOR FINISH	12.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	External Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
SKIRTING	14.	Fit new 75mm x 19mm back trenched S.A.pine skirting. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
NEW RAMPS	15.	Cast new 100mm thick concrete walkway and ramp on compacted fill in positions as shown on plan
JOINERY	16.	Provide new reception counter as per joinery drawing
CONCRETE WALWAY	17.	Clear vegetation, scarify, and cast 100 thick concrete walkway with broom finish on compacted inert fill as per drawing
		INFORMATION CENTRE ABLUTION BLOCK
EXTERNAL WALLS	18.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	19.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
FLOOR FINISH	20.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
EXTERNAL PAINTED GALV. GATES	21.	Clean down existing painted galvanised gates. Service existing locks. Apply 1 ct universal undercoat. Apply 2 coats high quality universal enamel paint.
INTERNAL TIMBER DOORS	22.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 815 Fit mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Sand down. Apply I ct wood primer to doors and frames, 1 ct universal undercoat & 2 coats universal enamel. Colour - Black
SANITARY WARE	23.	Replace all WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	To all taps: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	25.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	27.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
EXTERNAL CONCRETE APRON	28.	Clear vegetation, scarify round entire building and cast 600 wide x 100 thick concrete apron on compacted inert fill.



0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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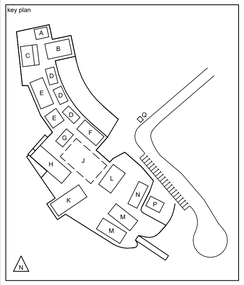
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key plan



other notes

01	18.11.19	ADJUSTMENT OF AS-BUILT DETAILS AND DISABLED ACCESS RAMP.

NO	DATE	AMMENDMENT	DPW

Copyright vests in the Department of Public Works

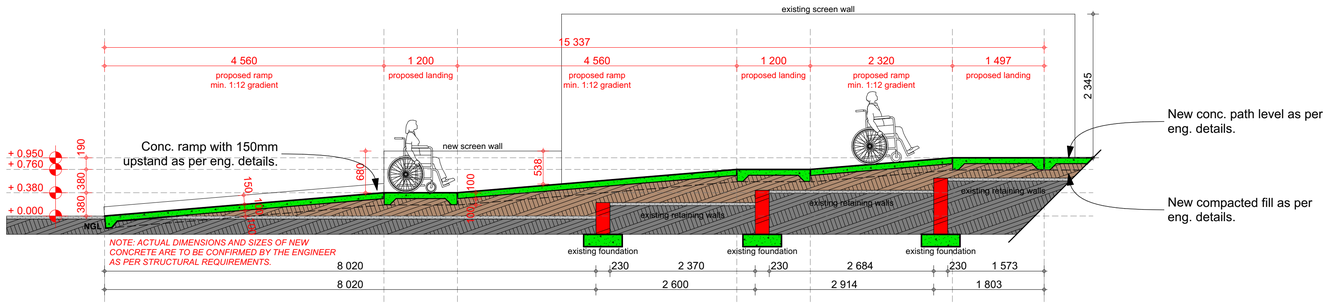
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

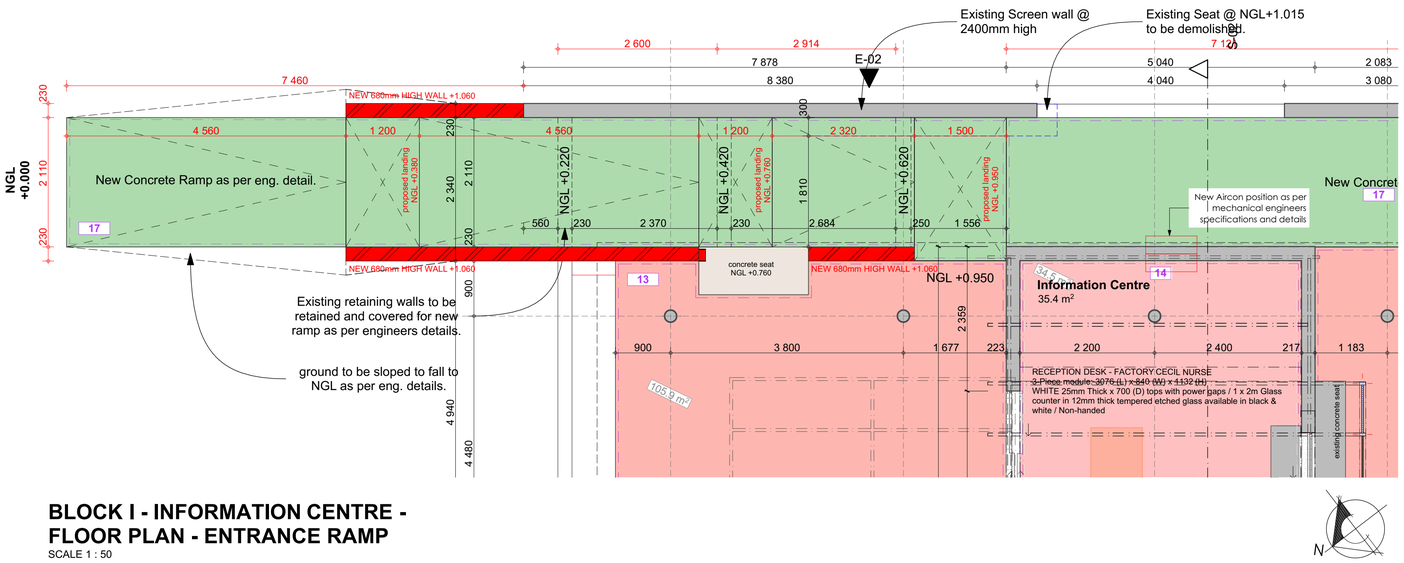
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK I - INFO CENTRE** INFO CENTRE ABLUTION BLOCK FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.09.2
rev no.	01





BLOCK I - INFORMATION CENTRE - FLOOR PLAN - ENTRANCE RAMP

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION
I	INFORMATION CENTRE

ITEM	CODE	SPECIFICATION
		INFORMATION CENTRE PROPER
ROOF LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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EXTERNAL WALLS	7.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Sand down internal faces of timber beamfilling between steel purlins and underside of timber boarded ceiling fixed on top of steel purlins. Apply 1 coat universal undercoat. Apply 2 coats acrylic emulsion paint Colour - white
	9.	To concrete slabs to ceiling: Clean down, apply plaster primer. Apply 2 coats acrylic emulsion paint. Colour - white
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
GLAZED TIMBER SLIDING DOORS AND WINDOWS.	11.	Service all sliding door / window mechanisms and locking mechanisms. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
FLOOR FINISH	12.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	External Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
SKIRTING	14.	Fit new 75mm x 19mm back trenched S.A.pine skirting. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
NEW RAMPS	15.	Cast new 100mm thick concrete walkway and ramp on compacted fill in positions as shown on plan
JOINERY	16.	Provide new reception counter as per joinery drawing
CONCRETE WALWAY	17.	Clear vegetation, scarify, and cast 100 thick concrete walkway with broom finish on compacted inert fill as per drawing
		INFORMATION CENTRE ABLUTION BLOCK
EXTERNAL WALLS	18.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
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FLOOR FINISH	20.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
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SANITARY WARE	23.	Replace all WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	To all taps: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	25.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	27.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
EXTERNAL CONCRETE APRON	28.	Clear vegetation, scarify round entire building and cast 600 wide x 100 thick concrete apron on compacted inert fill.

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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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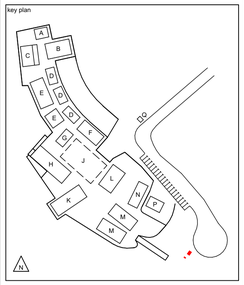
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Fax:
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E-mail: jabu@carifro.com

key plan



other notes

01	18.11.19	ADJUSTMENT OF AS-BUILT DETAILS AND DISABLED ACCESS RAMP.

NO	DATE	AMMENDMENT	DPW

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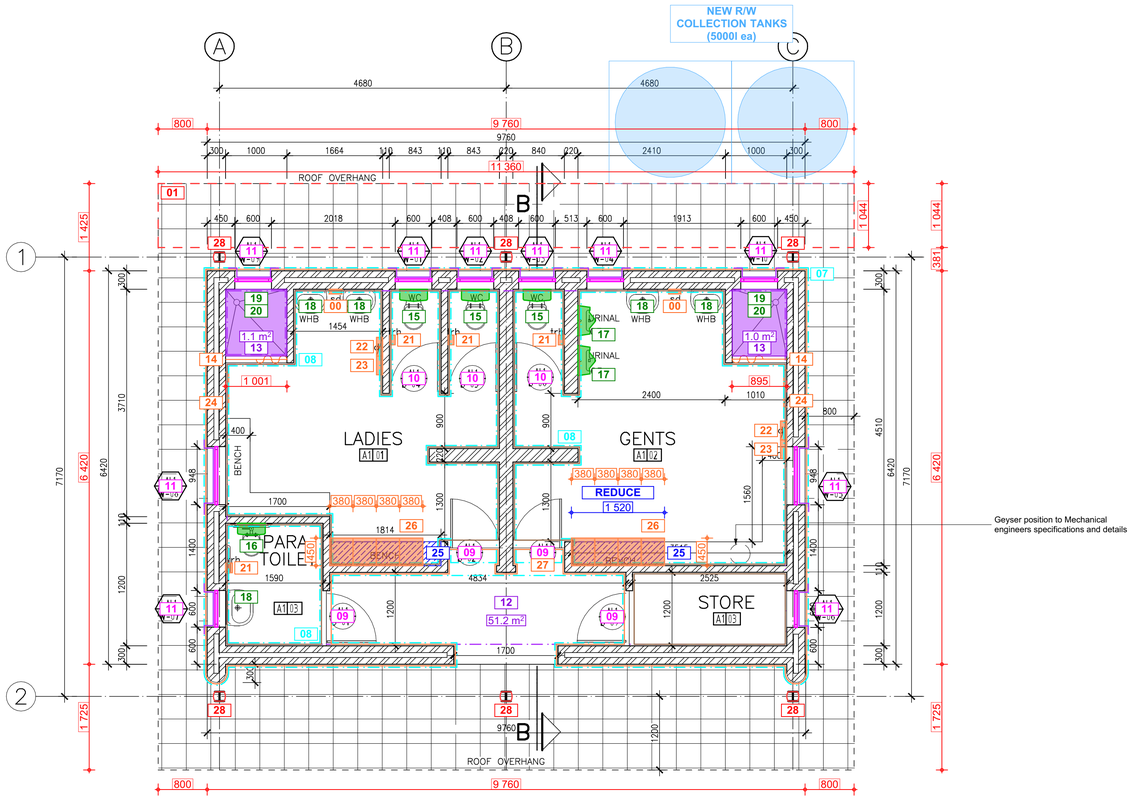
public works
Department:
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

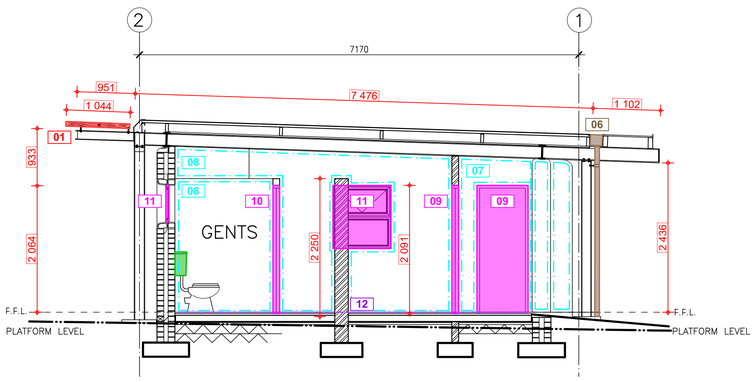
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK I - INFO CENTRE** INFO CENTRE ENTRANCE RAMP
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.09.3
rev no.	01



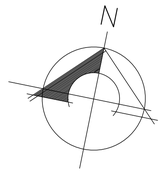
BLOCK A - CHANGE ROOMS - FLOOR PLAN

SCALE 1 : 50



BLOCK A - CHANGE ROOMS - SECTION B

SCALE 1 : 50



BLOCK	DESCRIPTION	
A	CHANGE ROOMS	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	8.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint colour to match existing
EXTERNAL DOORS	9.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
TOILET DOORS	10.	Replace ironmongery with new mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per ALB4TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS	11.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
FLOOR FINISH	12.	Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SANITARYWARE	14.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	15.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	16.	Replace cistern in disabled toilet with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and c.p side flush lever pull handle and flush pipe equal to Vaal Protea code 710631 or equal approved Replace existing toilet seat with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Remove existing urinals. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer system.
	18.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	19.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	20.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	21.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	22.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved
	23.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
	24.	Fit 2 off 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	25.	Remove bench in Ladies. Cut back timber bench in Gents to suit new lockers. Relocate existing support bracket as may be required.
LOCKERS	26.	Fit 1850h x 380w x 450d two door steel lockers with hanging rail in each compartment. Lockers to have epoxy powder coated finish. No required: 4 in ladies; 4 in gents
SIGNAGE	27.	Fit new aluminium Male toilet sign size 150 x 150 (size to be checked on site) to match existing female sign.
TIMBER INFILL TO STEEL COLUMNS	28.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

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light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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All trenches to inspected by a Local Authority Building Inspector,

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Fax:
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E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	19.07.19	Geyser position	

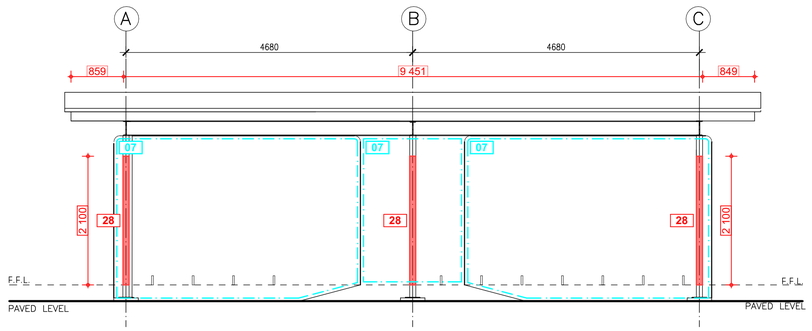
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Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

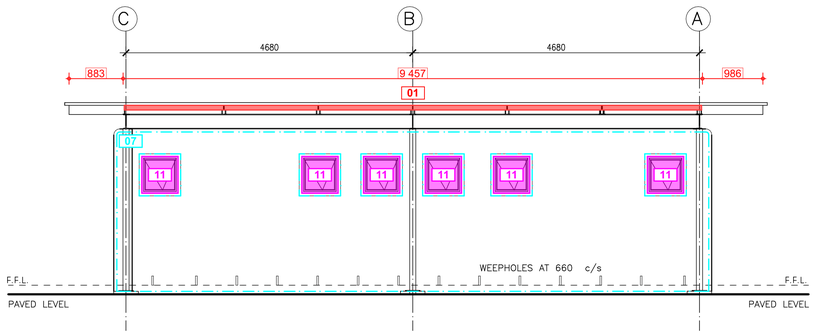
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK A - CHANGE ROOMS** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.01.1
rev no.	



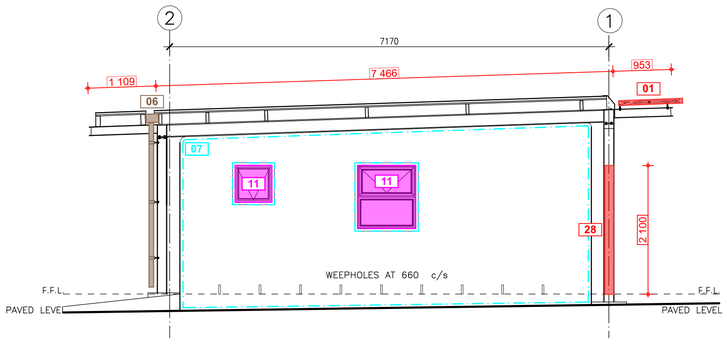
BLOCK A - CHANGE ROOMS - SOUTH ELEVATION

SCALE 1 : 50



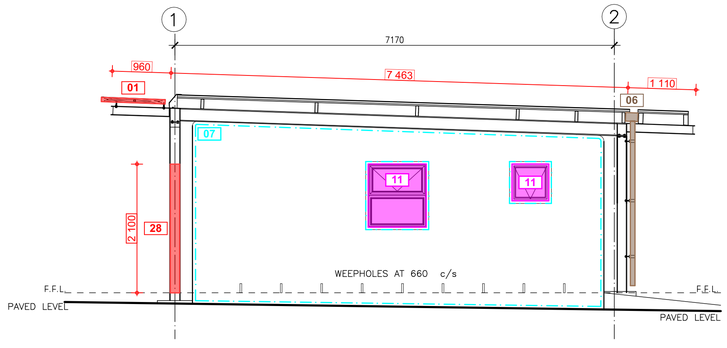
BLOCK A - CHANGE ROOMS - NORTH ELEVATION

SCALE 1 : 50



BLOCK A - CHANGE ROOMS - EAST ELEVATION

SCALE 1 : 50



BLOCK A - CHANGE ROOMS - WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
A	CHANGE ROOMS	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	8.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint colour to match existing
EXTERNAL DOORS	9.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
TOILET DOORS	10.	Replace ironmongery with new mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per ALGA4TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS	11.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
FLOOR FINISH	12.	Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SANITARYWARE	14.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	15.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	16.	Replace cistern in disabled toilet with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and c.p side flush lever pull handle and flush pipe equal to Vaal Protea code 710631 or equal approved Replace existing toilet seat with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Remove existing urinals. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer system.
	18.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	19.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	20.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	21.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	22.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved
	23.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
	24.	Fit 2 off 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	25.	Remove bench in Ladies. Cut back timber bench in Gents to suit new lockers. Relocate existing support bracket as may be required.
LOCKERS	26.	Fit 1850h x 380w x 450d two door steel lockers with hanging rail in each compartment. Lockers to have epoxy powder coated finish. No required: 4 in ladies; 4 in gents
SIGNAGE	27.	Fit new aluminium Male toilet sign size 150 x 150 (size to be checked on site) to match existing female sign.
TIMBER INFILL TO STEEL COLUMNS	28.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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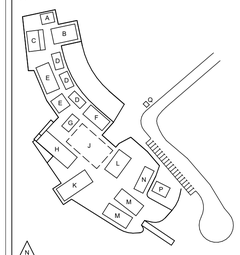
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

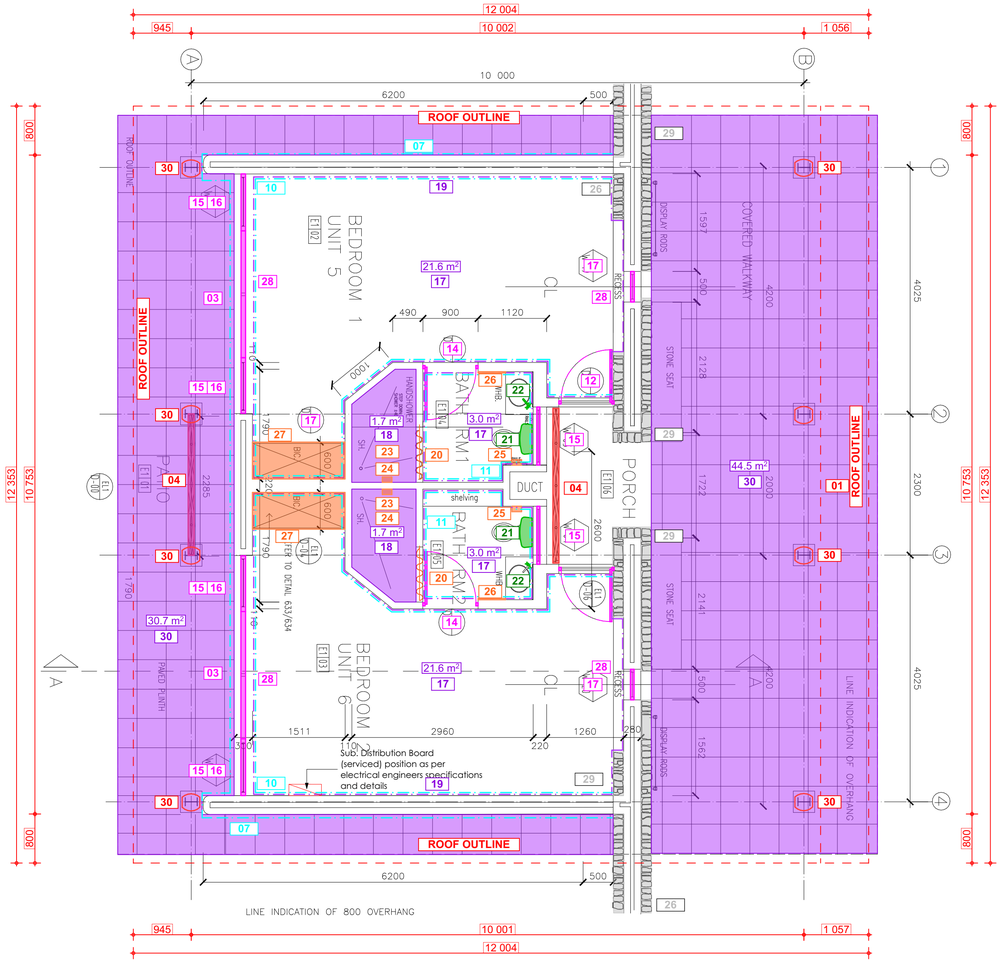
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Department:
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

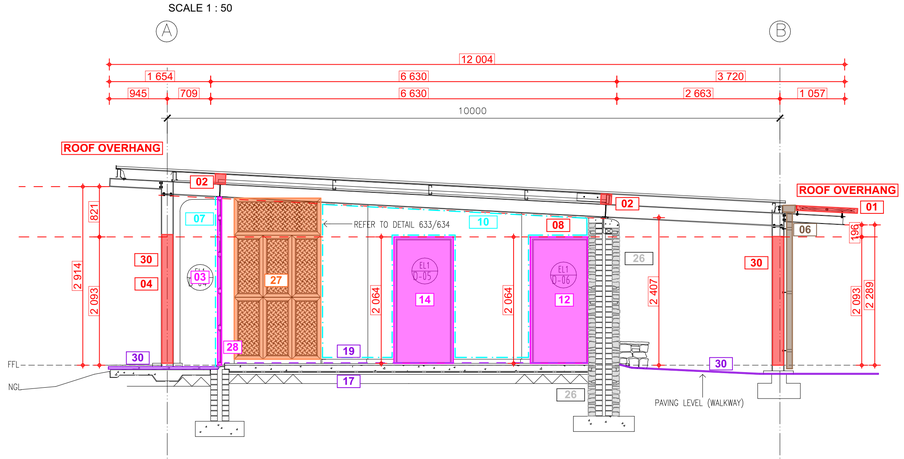
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK A - CHANGE ROOMS** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.01.2
rev no.	



BLOCK E3 - SINGLE STOREY UNIT - FLOOR PLAN

SCALE 1 : 50



BLOCK E3 - SINGLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
E3	SINGLE STOREY ACCOMMODATION UNIT 3	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
EXTERNAL PAVED APRON	30.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 4400 x 1200. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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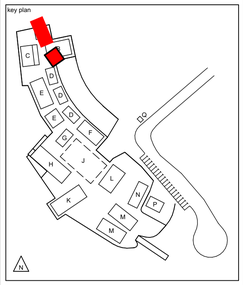
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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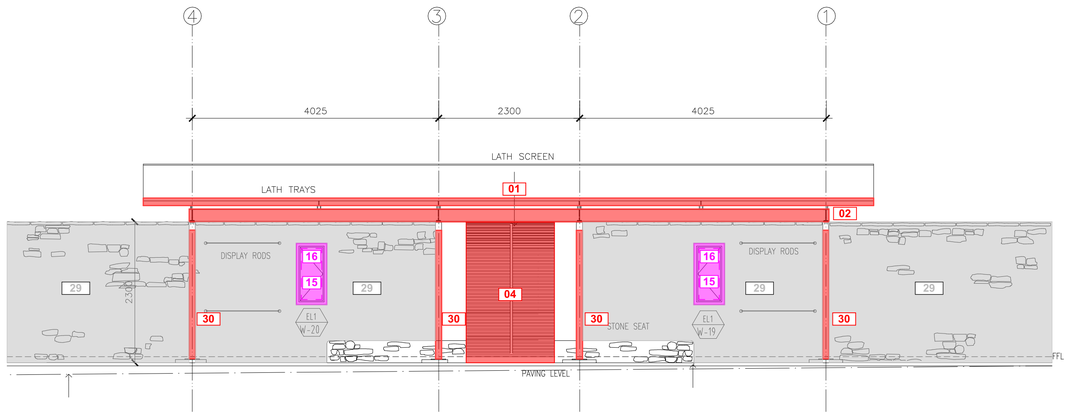
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

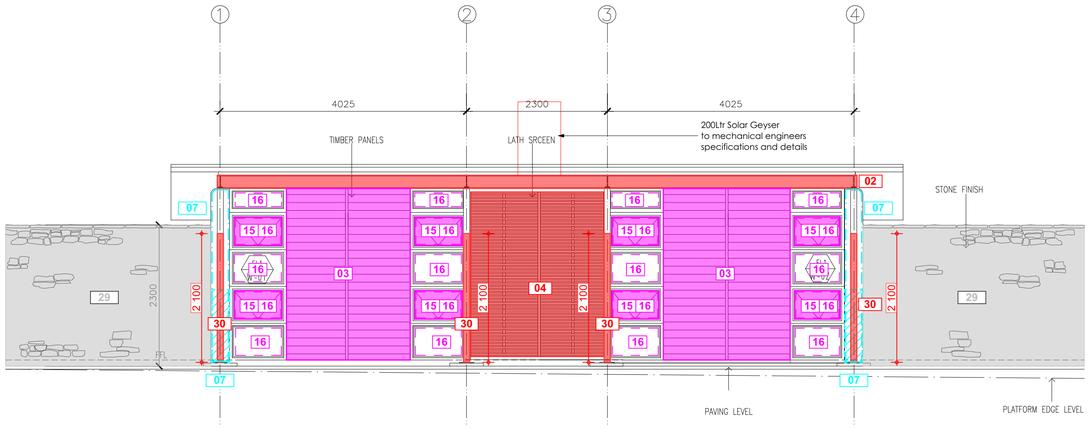
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E3: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.5
rev no.	



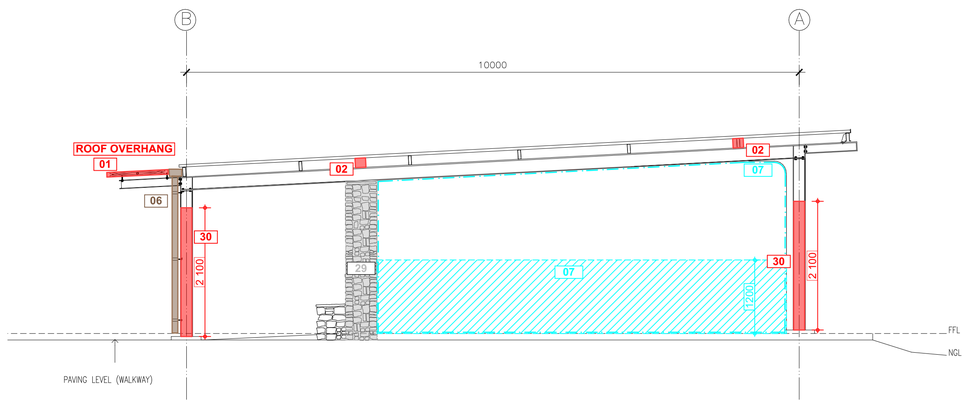
BLOCK E3 - SINGLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK E3 - SINGLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK E3 - SINGLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
E3	SINGLE STOREY ACCOMMODATION UNIT 3	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
EXTERNAL PAVED APRON	30.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 4400 x 1200. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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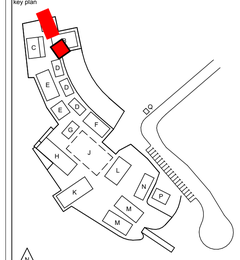
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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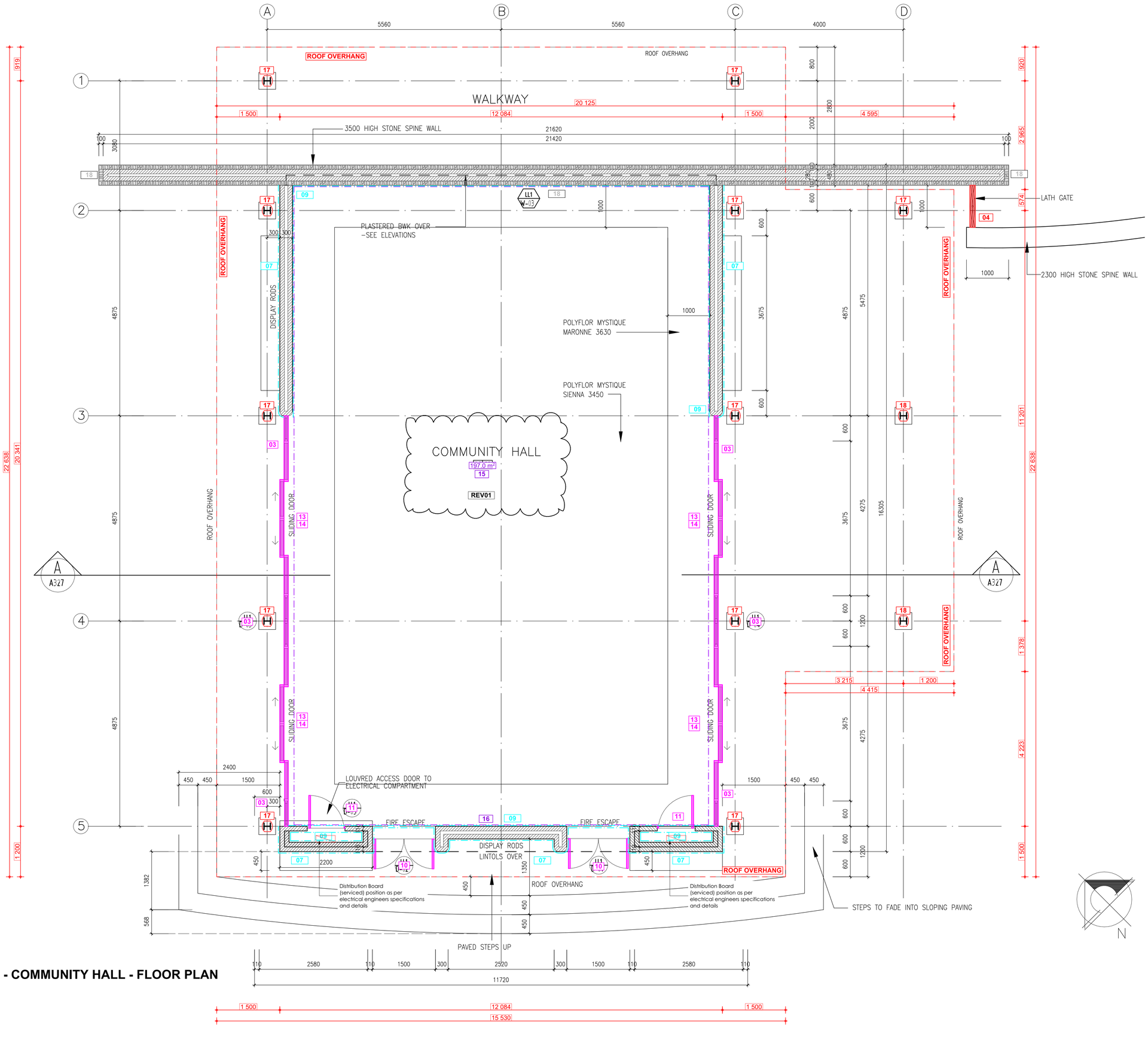
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E3: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.6
rev no.	



BLOCK L - COMMUNITY HALL - FLOOR PLAN

SCALE 1 : 50

general notes

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All trenches to inspected by a Local Authority Building Inspector.

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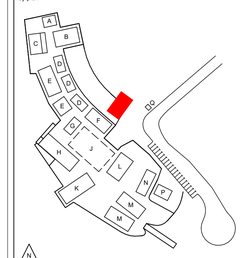
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03/12/2020	Change in specification for floors in line with approved Variation Order 1	

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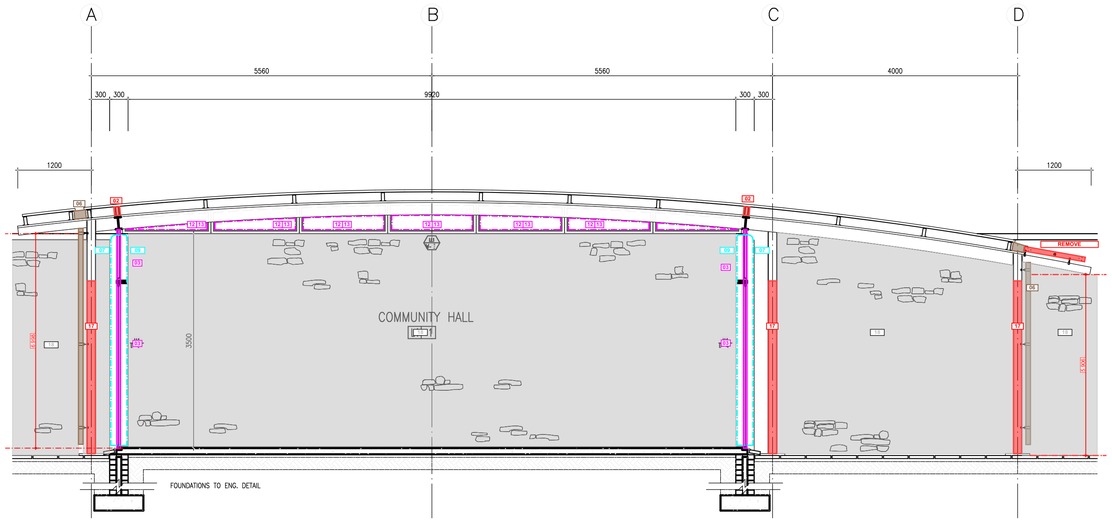
public works
Department:
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REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK L - COMMUNITY HALL** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.12.1
rev no.	02



BLOCK L - COMMUNITY HALL - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
L	EXHIBITION HALL 1 / COMMUNITY HALL

ITEM	CODE	SPECIFICATION
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN TO GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	10.	Rehang existing doors on new 100mm brass butt hinges Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
INTERNAL TIMBER DOORS	11.	Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks.
FLOOR FINISH	15.	Remove existing carpet floor covering and underlying vinyl sheet. Remove all glue /adhesive. Hack up and remove all existing screed, and prepare surface for casting of new 30 MPa 30mm thick screed to comply with SANS 10109. Lay new commercial grade 500 x 500 X 7mm thick needlepunched polypropylene carpet tiles having fibre mass of 920g/m2 as per Manufacturers Berber Point 920 or equal approved, laid tessellated in waterbased adhesive in accordance with manufacturer's specification.
SKIRTINGS	16.	Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
ALL STONEWORK WALLS	18.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
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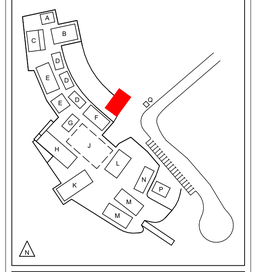
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03/12/2020	Change in specification for floors in line with approved Variation Order 1	

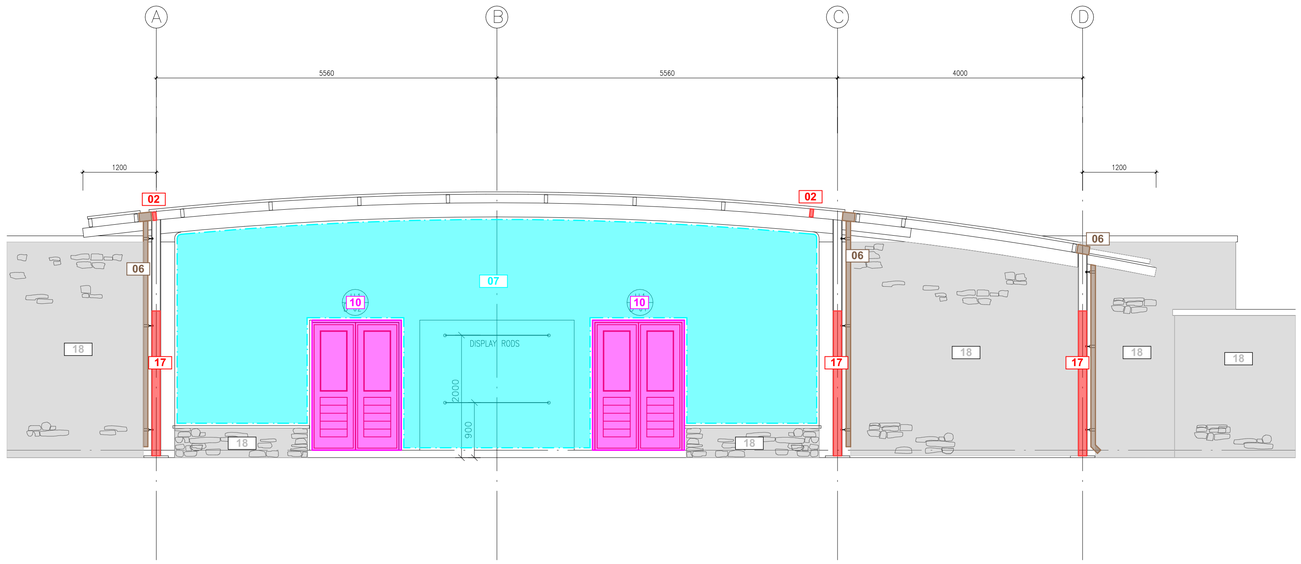
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DIRECTOR-GENERAL
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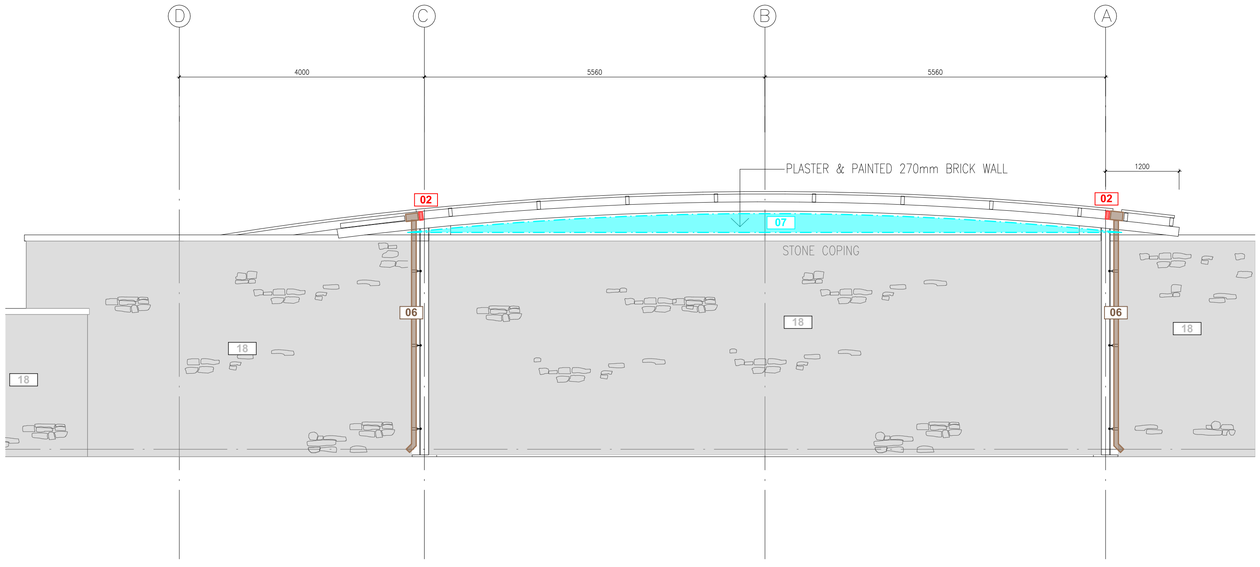
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK L - COMMUNITY HALL** SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.12.2
rev no.	**02**



BLOCK L - COMMUNITY HALL - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK L - COMMUNITY HALL - NORTH EAST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
L	EXHIBITION HALL 1 / COMMUNITY HALL	
ITEM	**CODE**	**SPECIFICATION**
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
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VERTICAL LATTICE SCREEN TO GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
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INTERNAL TIMBER DOORS	11.	Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
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SKIRTINGS	16.	Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
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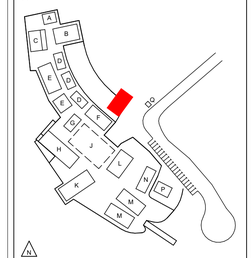
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03/12/ 2020	Change in specification for floors in line with approved Variation Order 1	

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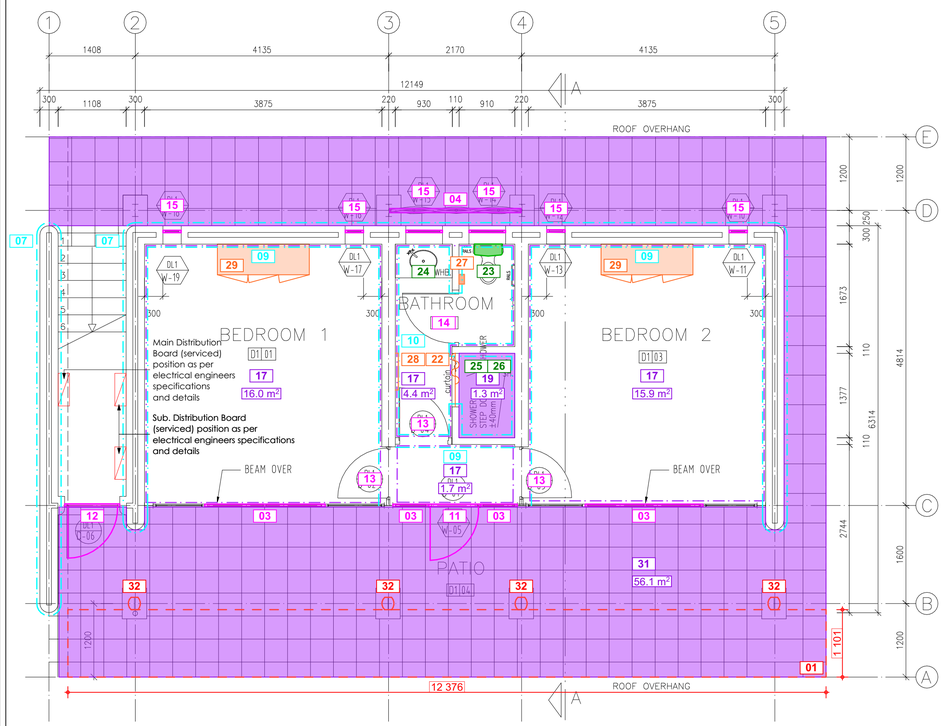
public works
Department:
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DIRECTOR-GENERAL
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INTSIKA architects

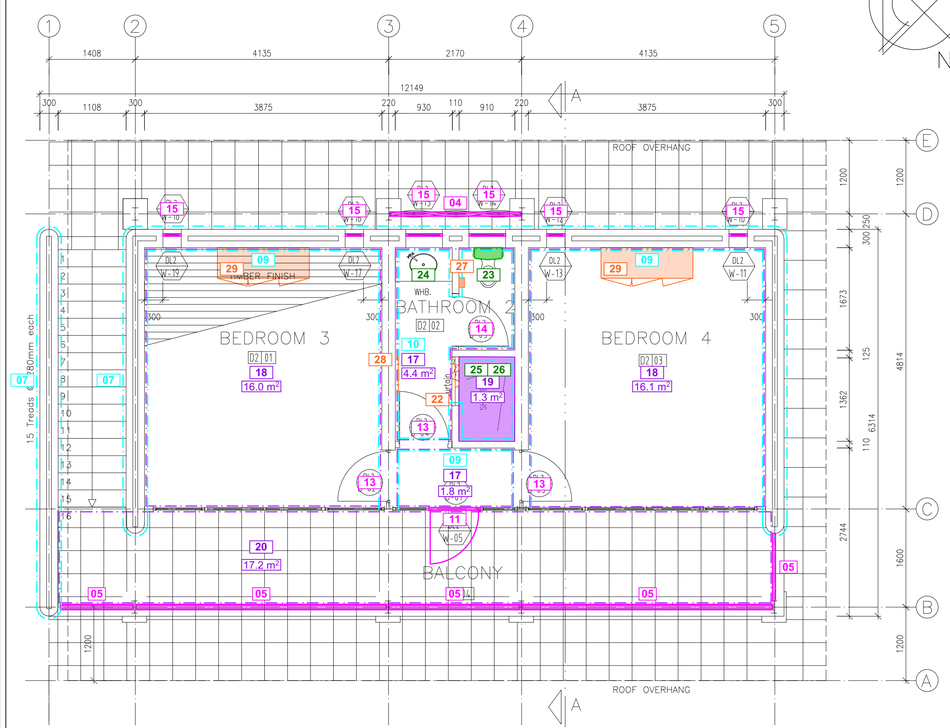
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK L - COMMUNITY HALL** ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.12.3
rev no.	**02**



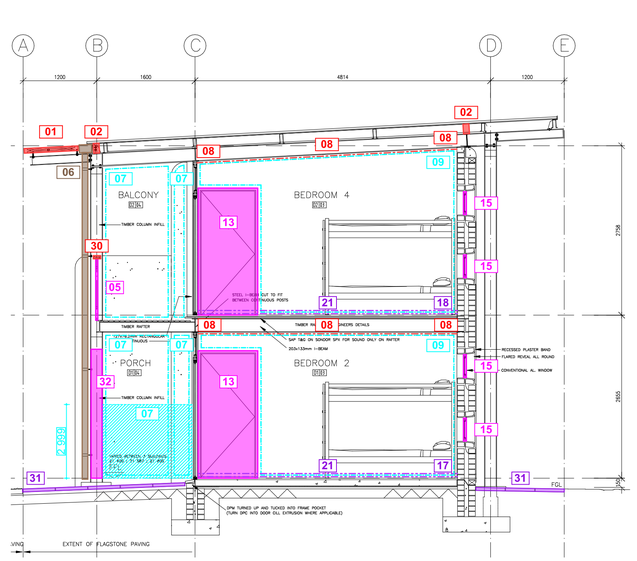
BLOCK D3 - DOUBLE STOREY UNIT - GROUND FLOOR PLAN

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - FIRST FLOOR PLAN

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
D3	DOUBLE STOREY ACCOMMODATION UNIT 3

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
	8.	Hack off plaster on north west staircase. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern to height of 1200 to match other walls Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	9.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	13.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	14.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	15.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	16.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	17.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	18.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	19.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	20.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	21.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	22.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	23.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	24.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	25.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	26.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	27.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	28.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	29.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	30.	To all cupboards: Re- instate existing cupboard hinges
HAND RAILS	31.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	32.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	33.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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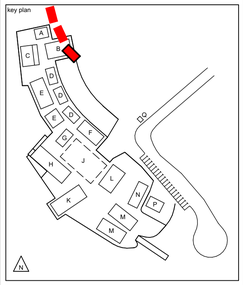
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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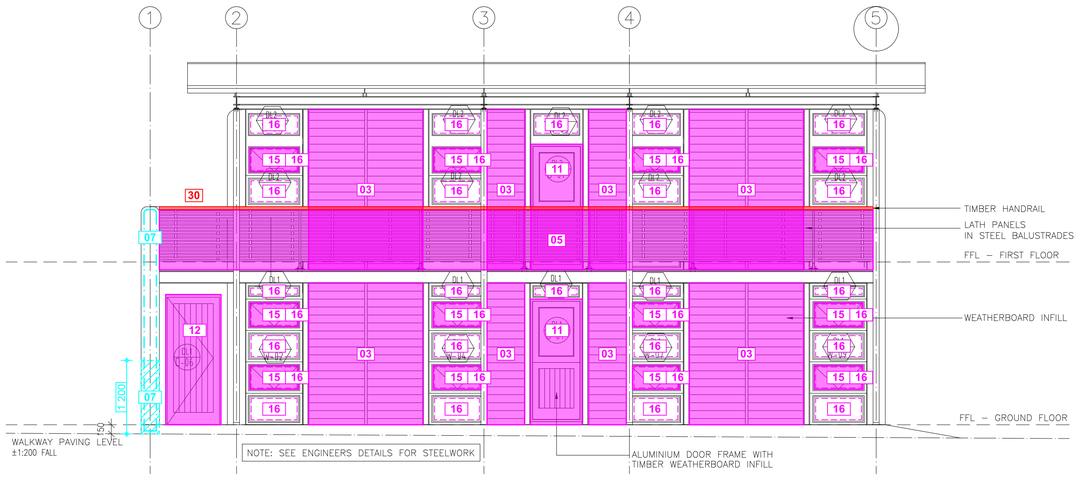
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Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

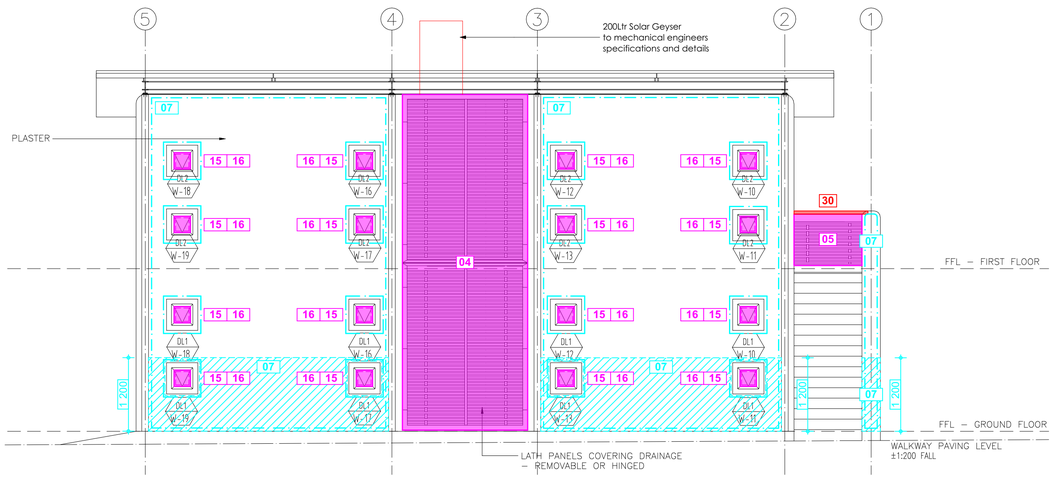
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D3: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.5
rev no.	



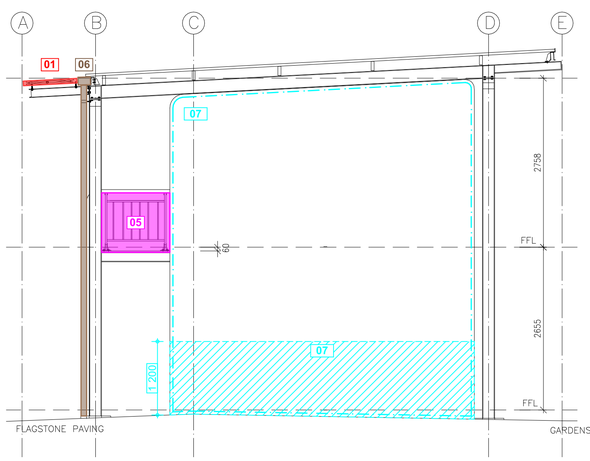
BLOCK D3 - DOUBLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



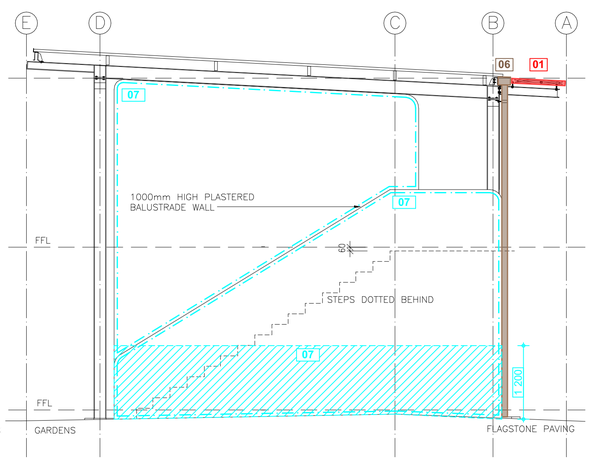
BLOCK D3 - DOUBLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - SOUTH EAST ELEVATION

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION
D3	DOUBLE STOREY ACCOMMODATION UNIT 3

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
	8.	Hack off plaster on north west staircase. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern to height of 1200 to match other walls Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	9.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	13.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	14.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	15.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	16.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	17.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	18.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	19.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	20.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	21.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	22.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	23.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	24.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	25.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	26.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	27.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	28.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	29.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	30.	To all cupboards: Re- instate existing cupboard hinges
HAND RAILS	31.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	32.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	33.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
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All trenches to inspected by a Local Authority Building Inspector,

project team

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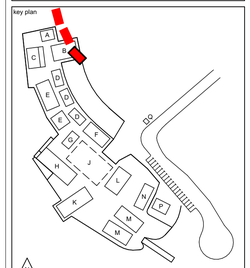
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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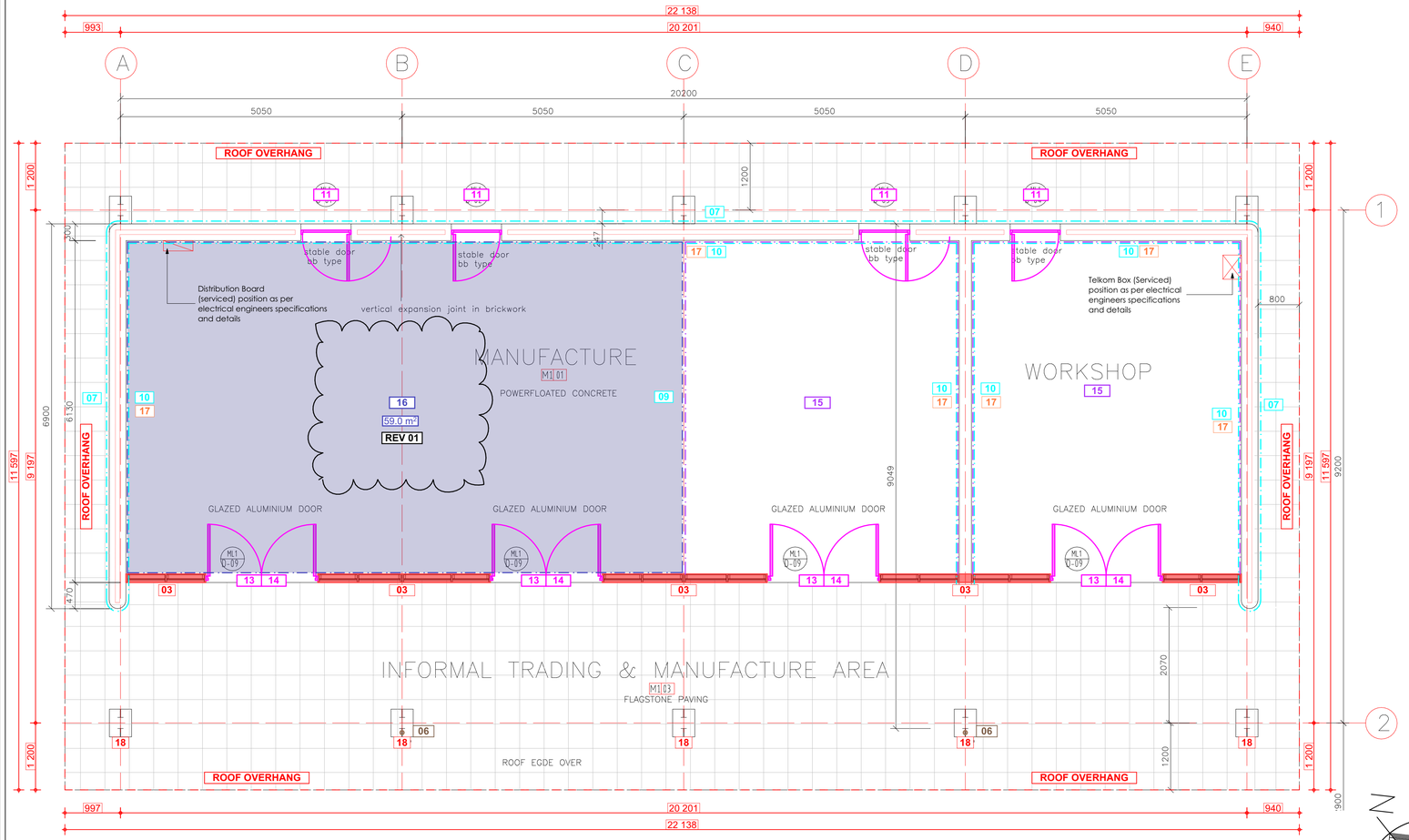
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

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MR. MZWONKE DLABANTU

INTSIKA architects

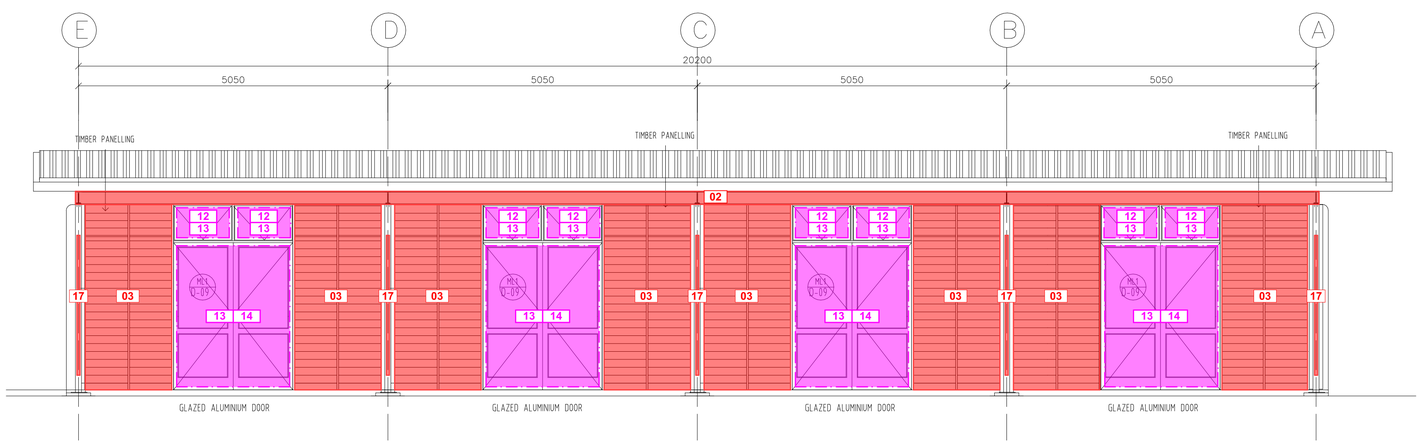
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D3: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.6
rev no.	



BLOCK M1 - SHOPS + MANUFACTURE - FLOOR PLAN

SCALE 1 : 50



BLOCK M1 - SHOPS + MANUFACTURE - SOUTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION
M1	SHOPS AND STORE

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Remove existing timber partition wall approx. 2400 high x 6000 long
	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	15.	Hack up existing screed as indicated on plan. Cast new pigmented screed to even finish with existing. Approximately 5000 X 6000
	16.	Remove existing floor slab for new layer works and new floor slab as per engineers details.
SKIRTINGS	17.	Fit new 75 x 19 back trenched hardwood timber skirting against walls Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
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All trenches to inspected by a Local Authority Building Inspector,

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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

Copyright vests in the Department of Public Works

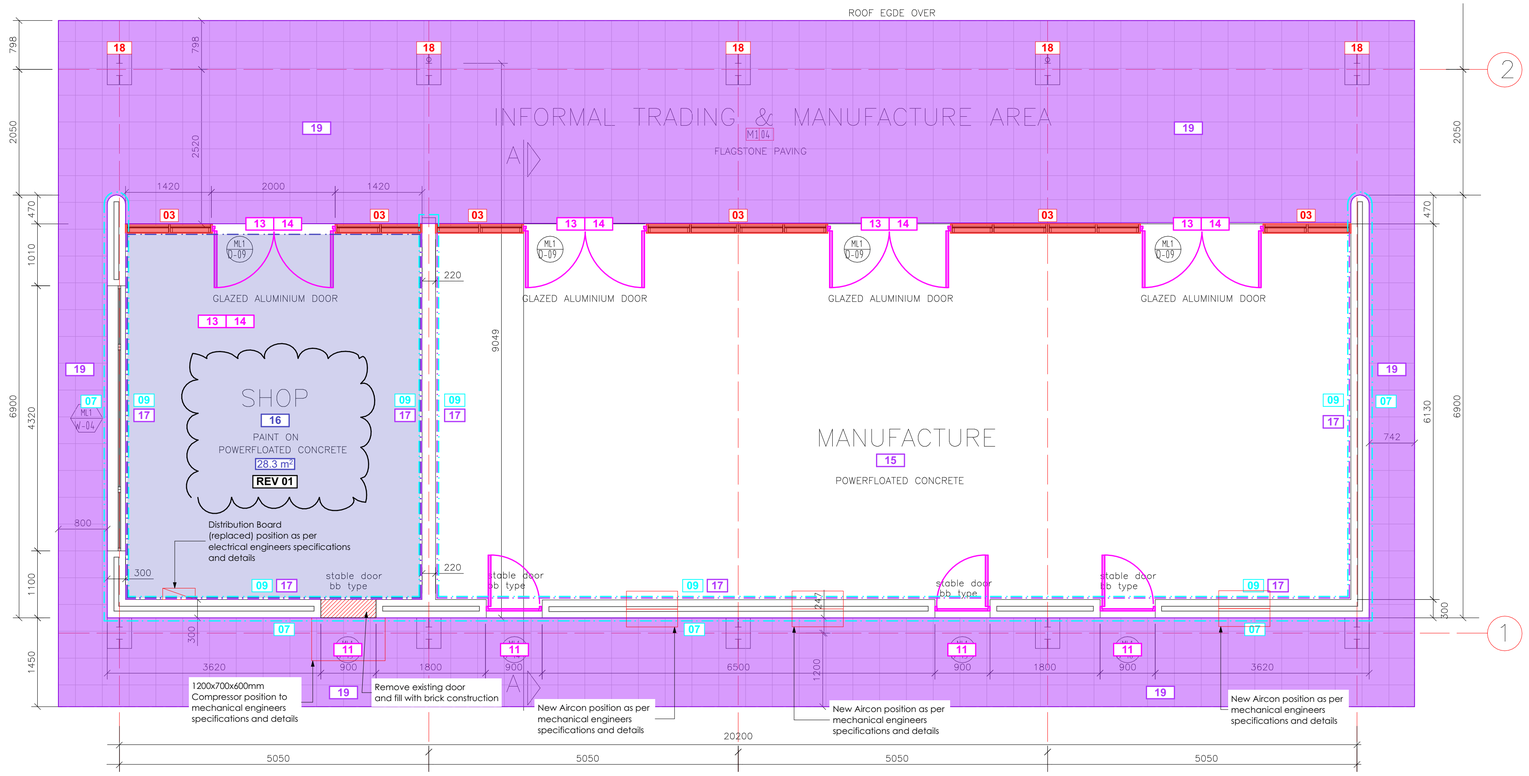
public works
Department:
Public Works
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

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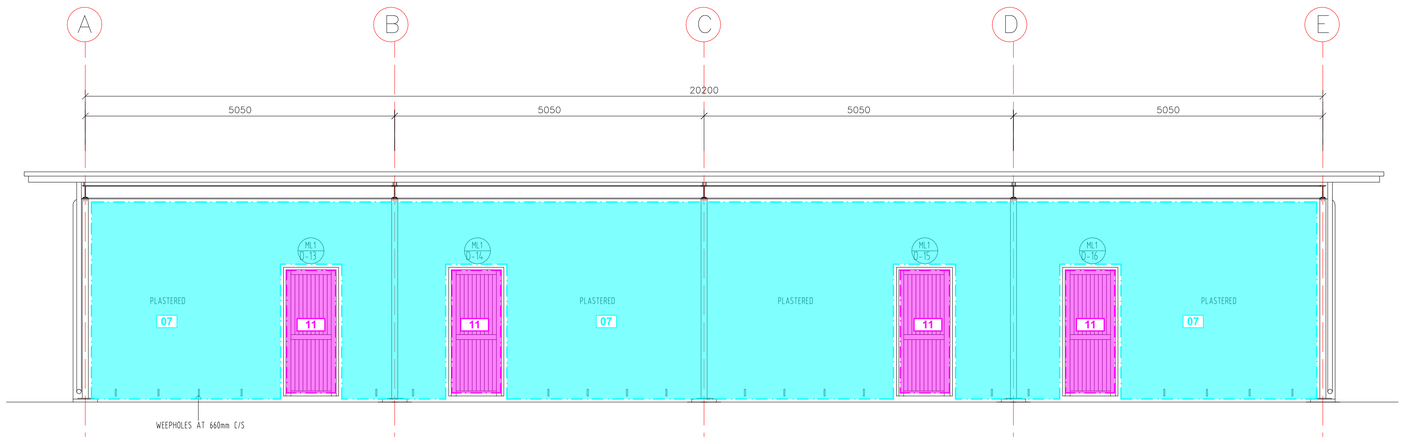
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK M - SHOPS + MANUFACTURE** M1: FLOOR PLAN + ELEVATION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.13.1
rev no.	**01**



BLOCK M2 - SHOPS + MANUFACTURE - FLOOR PLAN

SCALE 1 : 50



BLOCK M2 - SHOPS + MANUFACTURE - SOUTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
M2	SHOPS AND SEWING STORE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
	10.	
EXTERNAL TIMBER DOORS	11.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	15.	Hack up existing screed as indicated on plan. Cast new pigmented screed to even finish with existing. Approximately 5000 X 6000
SKIRTINGS	16.	Fit new 75 x 19 back trenched hardwood timber skirting against walls Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 10M2 Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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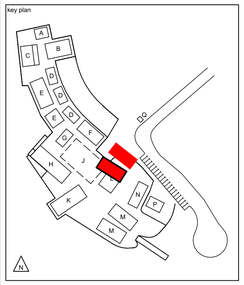
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

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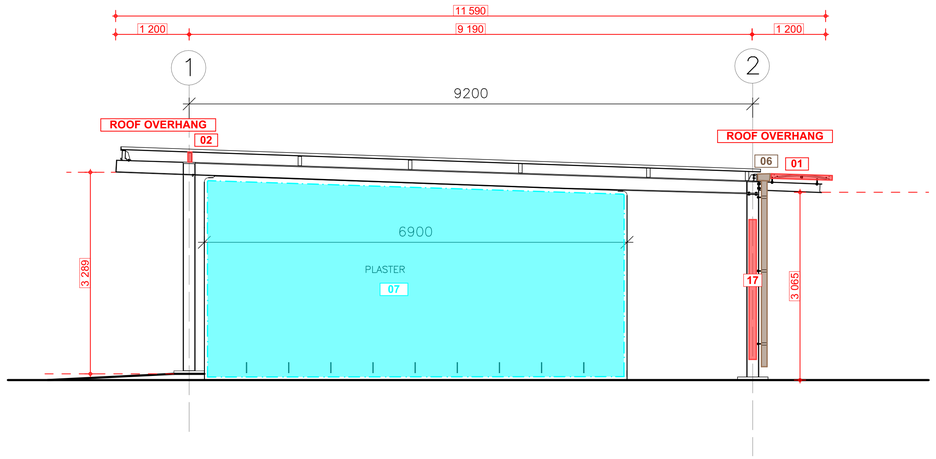
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Department:
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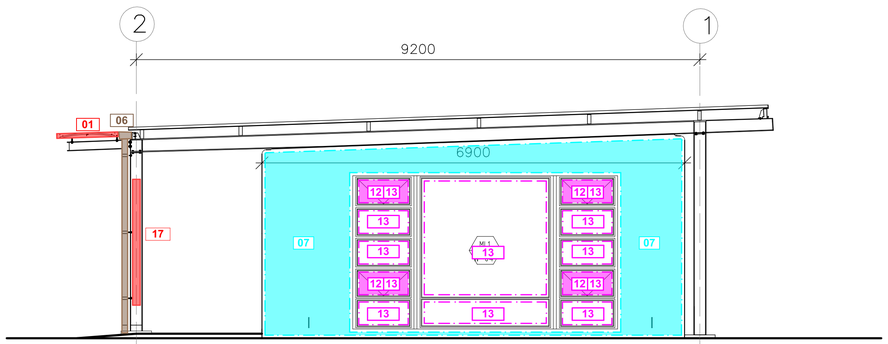
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK M - SHOPS + MANUFACTURE** M2: FLOOR PLAN + ELEVATION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.13.2
rev no.	**01**



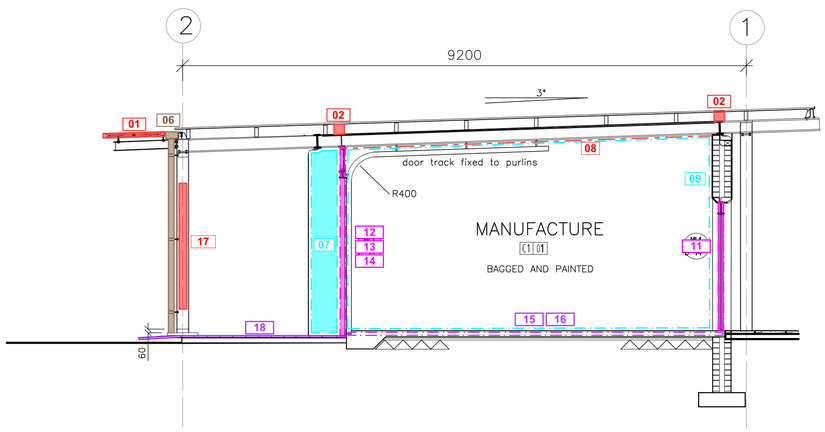
BLOCK M1 - SHOPS + MANUFACTURE - ELEVATION

SCALE 1 : 50



BLOCK M2 - SHOPS + MANUFACTURE - ELEVATION

SCALE 1 : 50



BLOCK M2 - SHOPS + MANUFACTURE - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
M1	SHOPS AND STORE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Remove existing timber partition wall approx. 2400 high x 6000 long
	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	15.	Hack up existing screed as indicated on plan. Cast new pigmented screed to even finish with existing. Approximately 5000 X 6000
	16.	Remove existing floor slab for new layer works and new floor slab as per engineers details.
SKIRTINGS	17.	Fit new 75 x 19 back trenched hardwood timber skirting against walls Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

BLOCK	DESCRIPTION	
M2	SHOPS AND SEWING STORE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
	10.	
EXTERNAL TIMBER DOORS	11.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	15.	Hack up existing screed as indicated on plan. Cast new pigmented screed to even finish with existing. Approximately 5000 X 6000
	16.	
SKIRTINGS	17.	Fit new 75 x 19 back trenched hardwood timber skirting against walls Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 10M2 Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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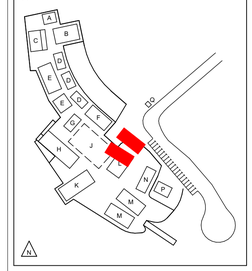
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Mechanical Engineer:
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Fax:
Cell: 078 165 7059
E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

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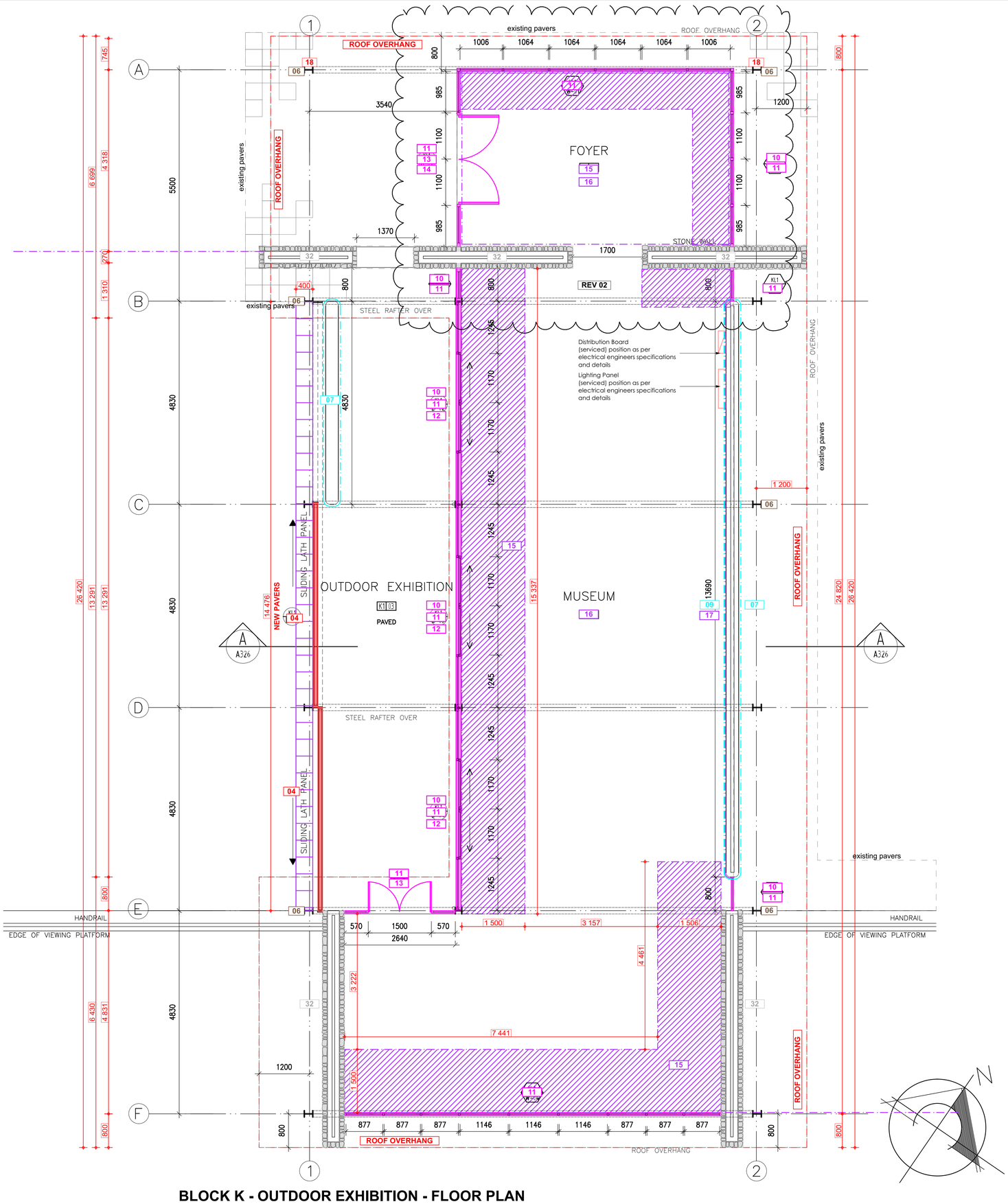
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Department:
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REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK M - SHOPS + MANUFACTURE** M2: ELEVATIONS + SECTION 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.13.3
rev no.	**01**



BLOCK K - OUTDOOR EXHIBITION - FLOOR PLAN

SCALE 1 : 50

BLOCK	DESCRIPTION
K	EXHIBITION HALL 2 / MUSEUM

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Realign and refix t&g ceiling boards where required. Approx 2m2 Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
ALUMINIUM WINDOWS AND DOORS	10.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	11.	Replace all rubber seals to shopfront type aluminium glazing beads
	12.	Ease and service all sliding door mechanisms and locks.
	13.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	14.	In Entrance Area: Remove bottom gazing panels with film on. Replace with 6mm laminated safety glass. Approximate size 900 x 1000 per panel
FLOOR FINISH	15.	Remove existing wood strip floor covering as indicated in Entrance Area and approx. 1,5m wide in areas indicated on plan by cutting the timber in a straight line and hacking screed below and casting new pigmented screed to align with top surface of the remaining timber floor.
	16.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
SKIRTINGS	17.	Sand lightly, clean down and apply 1 coat universal undercoat and 2 coats superior quality universal enamel with light sanding between coats.
DECORATIVE TIMBER COLUMN CLADDING	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
ALL STONEWORK WALLS	19.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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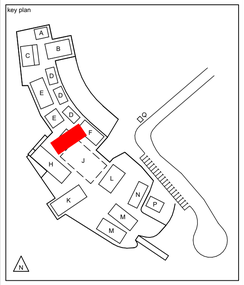
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	26/08/2020	removal of existing pavers for fire main, with replacement of new to match existing.	
02	04/12/2020	additional timber panel removal and new screed based on approval of Variation Order 1.	

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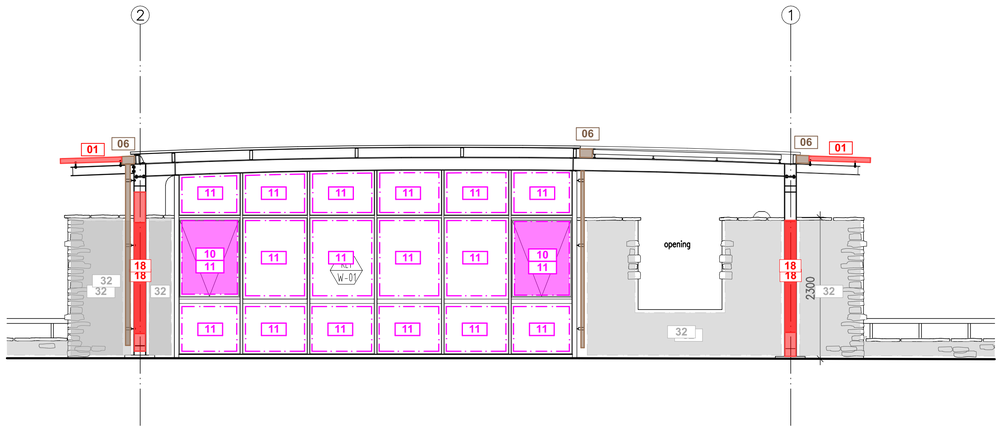
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

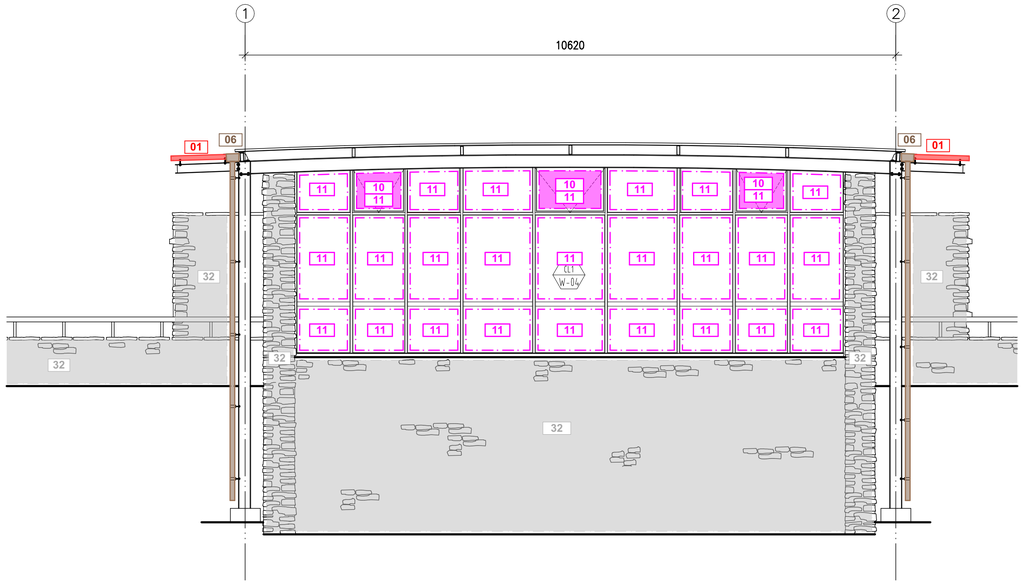
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK K - OUTDOOR EXHIBITION** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.11.1
rev no.	**02**



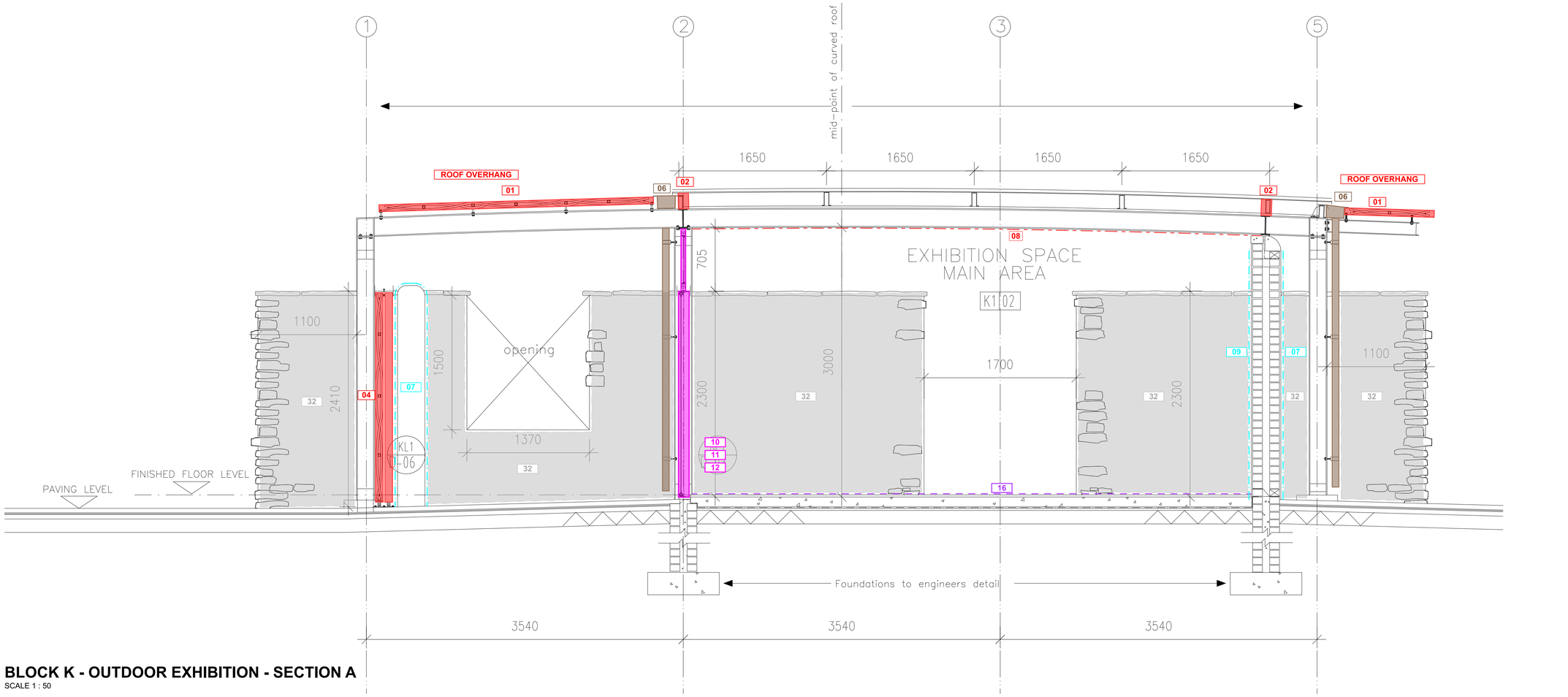
BLOCK K - OUTDOOR EXHIBITION - NORTH ELEVATION

SCALE 1 : 50



BLOCK K - OUTDOOR EXHIBITION - SOUTH ELEVATION

SCALE 1 : 50



BLOCK K - OUTDOOR EXHIBITION - SECTION A

SCALE 1 : 50

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector.

project team

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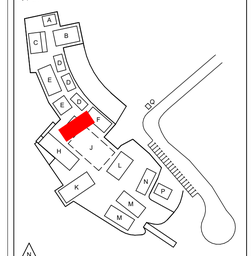
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

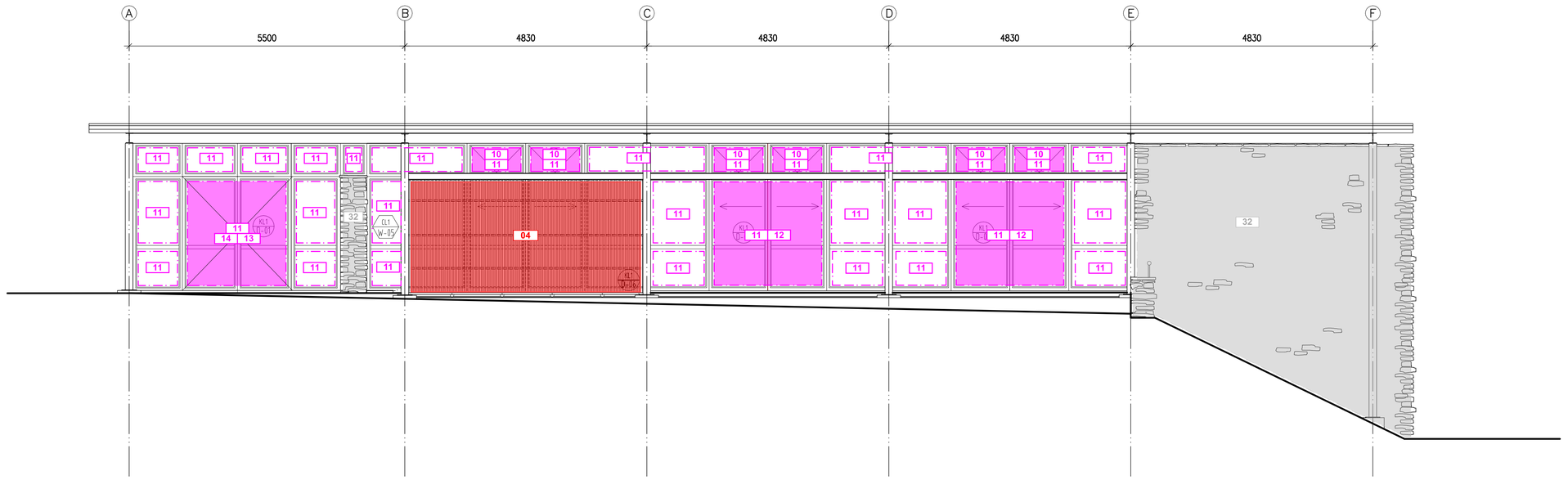
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public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

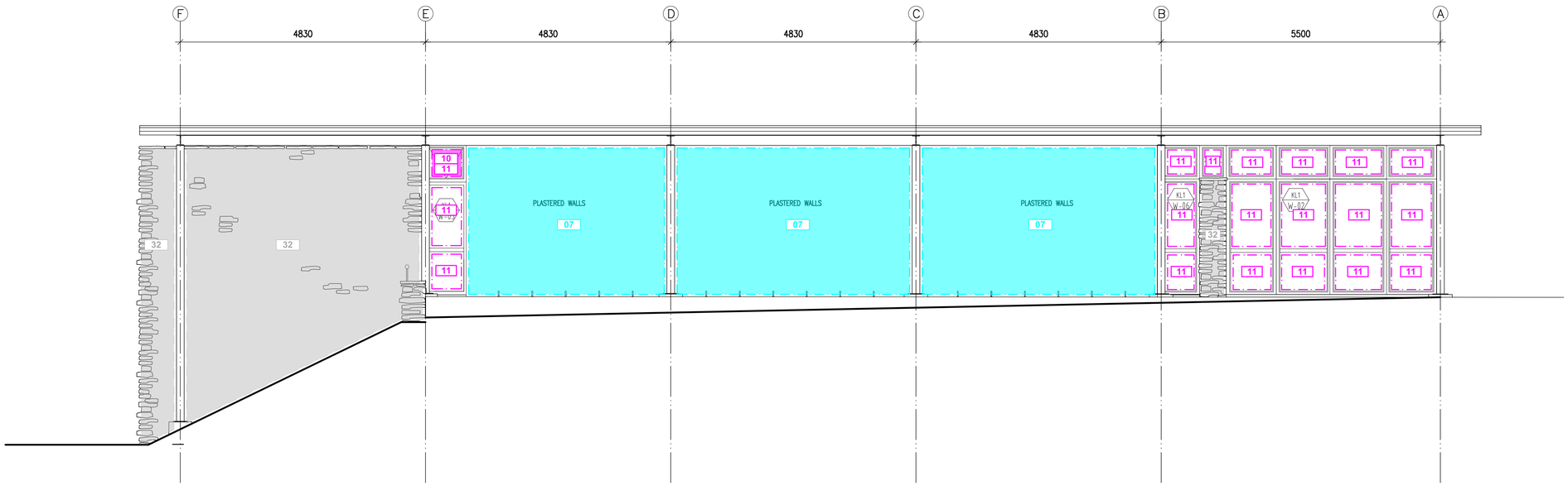
issued for **CONSTRUCTION**

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	BLOCK K - OUTDOOR EXHIBITION SECTION + ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.11.2
rev no.	



BLOCK K - OUTDOOR EXHIBITION - WEST ELEVATION

SCALE 1 : 50



BLOCK K - OUTDOOR EXHIBITION - FLOOR PLAN

SCALE 1 : 50

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector.

project team

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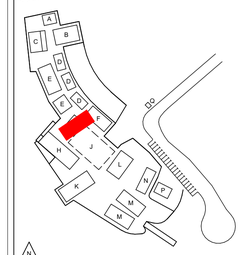
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

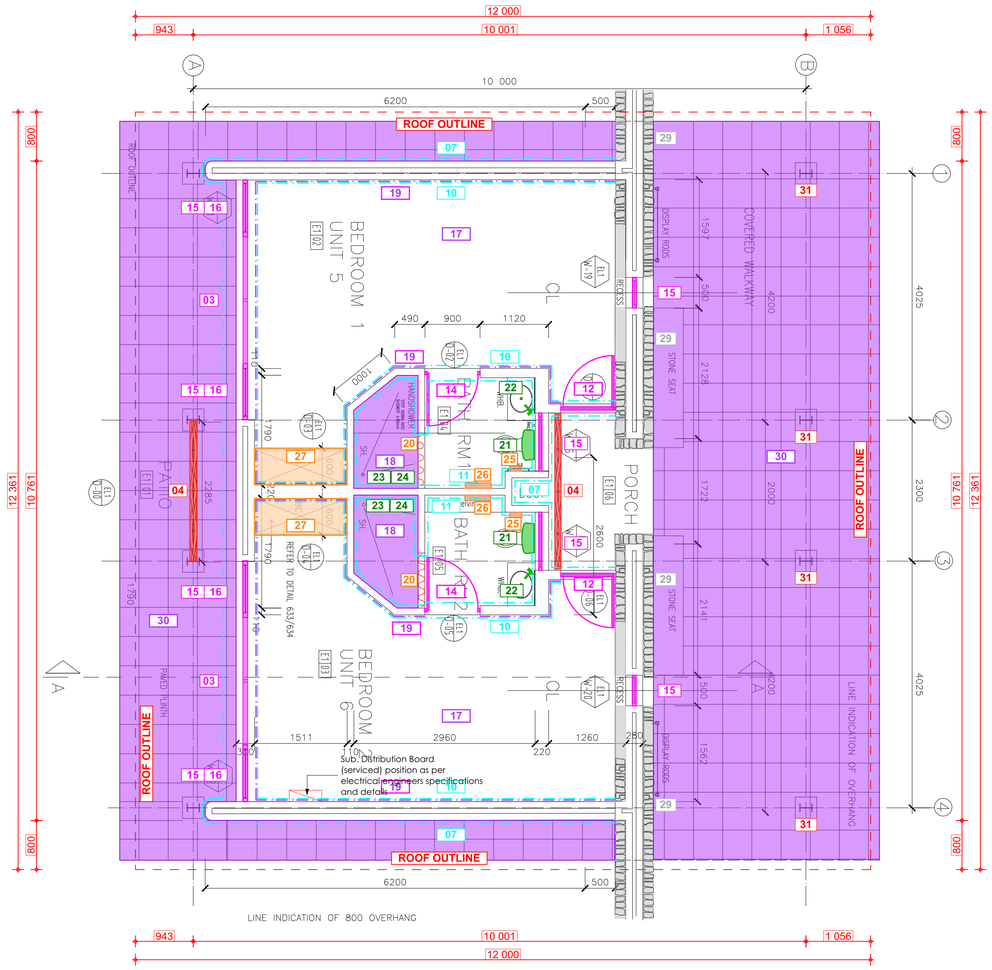
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Department:
Public Works
REPUBLIC OF SOUTH AFRICA

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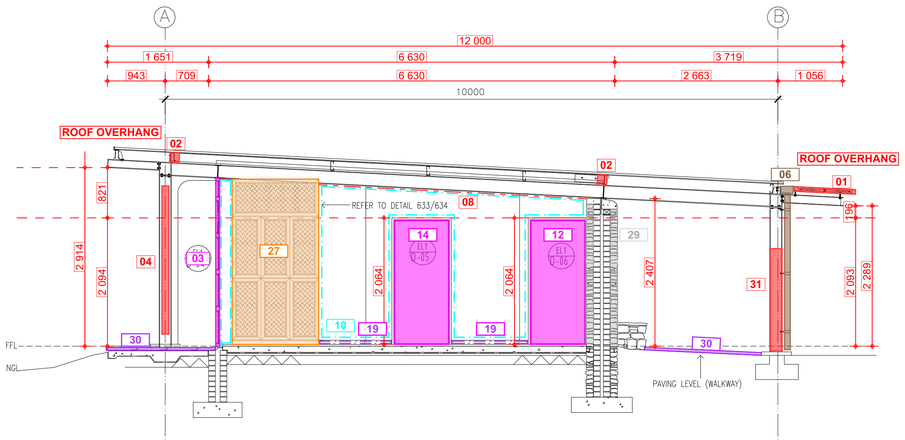
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK K - OUTDOOR EXHIBITION** ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.11.3
rev no.	



BLOCK E2 - SINGLE STOREY UNIT - FLOOR PLAN

SCALE 1 : 50



BLOCK E2 - SINGLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
E2	SINGLE STOREY ACCOMMODATION UNIT 2 (Semidetached with E1)	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
EXTERNAL PAVED APRON	30.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 4400 x 1200. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.



0 0.5 1 2 4m

general notes

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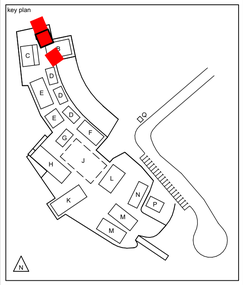
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E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW

Copyright vests in the Department of Public Works

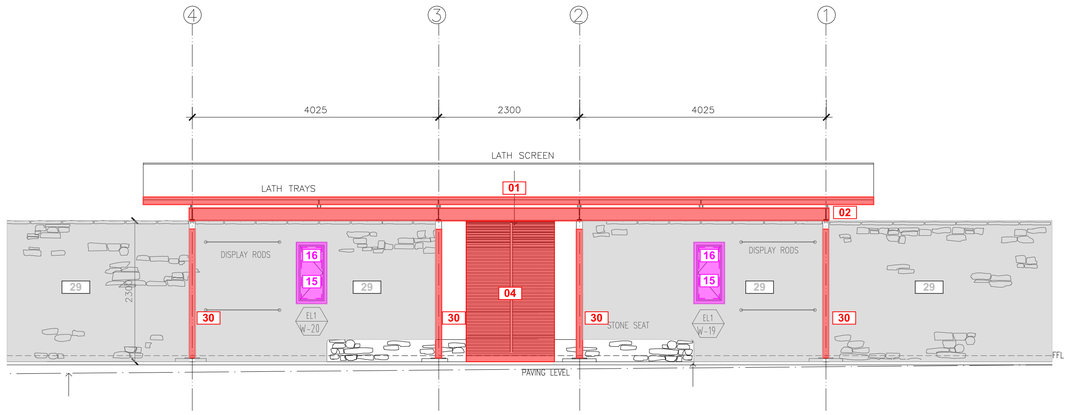
public works
Department:
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REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

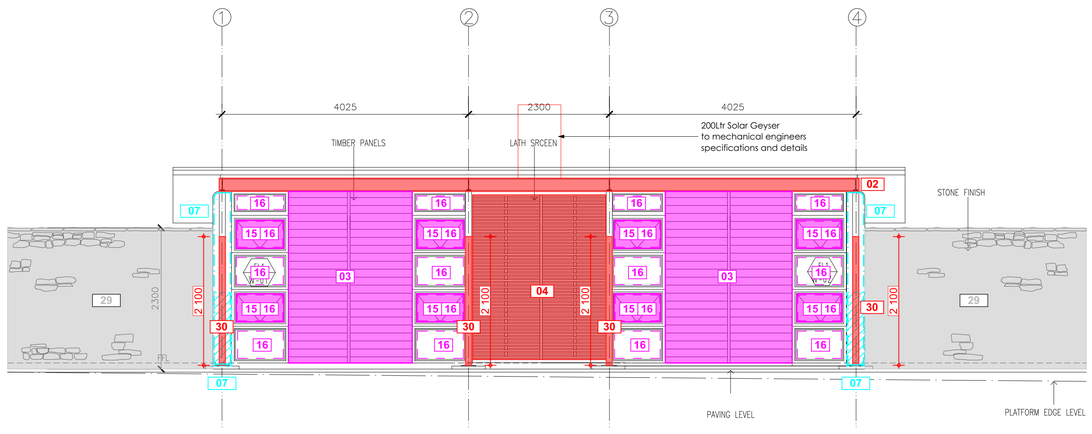
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E2: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.3
rev no.	



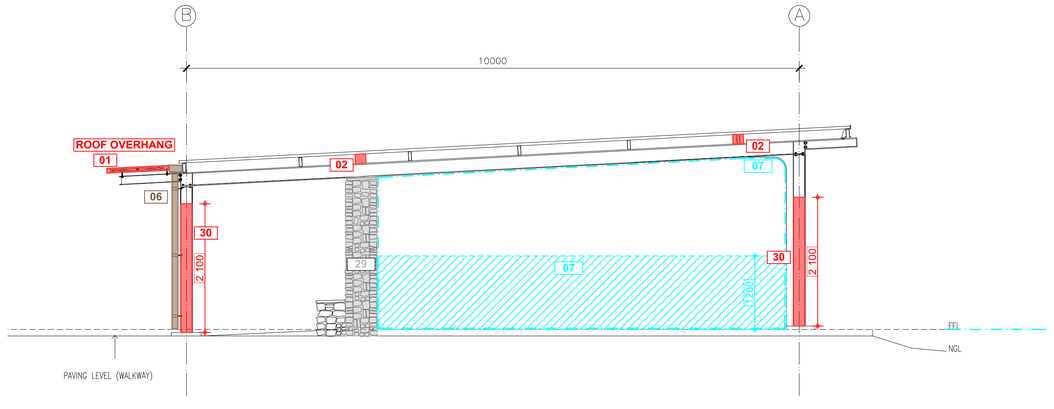
BLOCK E2 - SINGLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK E2 - SINGLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK E2 - SINGLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
E2	SINGLE STOREY ACCOMMODATION UNIT 2 (Semidetached with E1)	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
EXTERNAL PAVED APRON	30.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 4400 x 1200. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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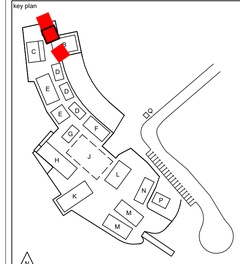
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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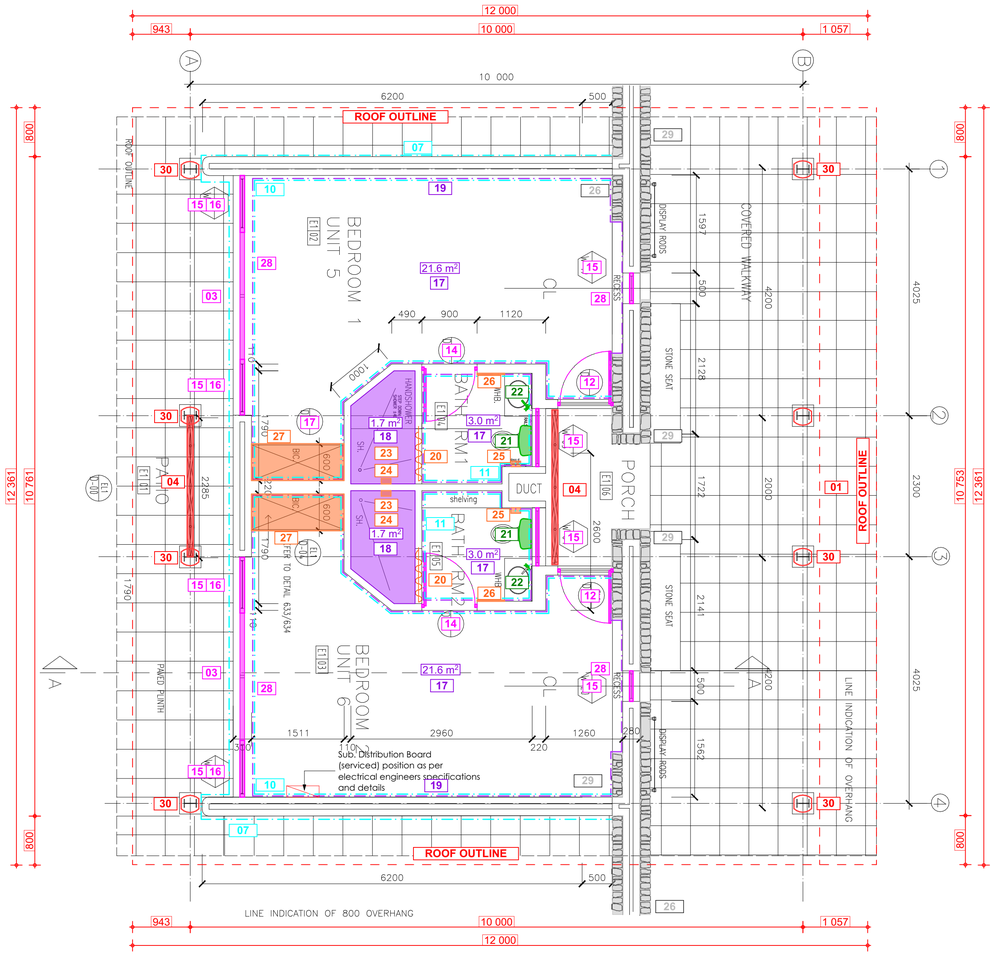
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Department:
Public Works
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MR. MZIWONKE DLABANTU

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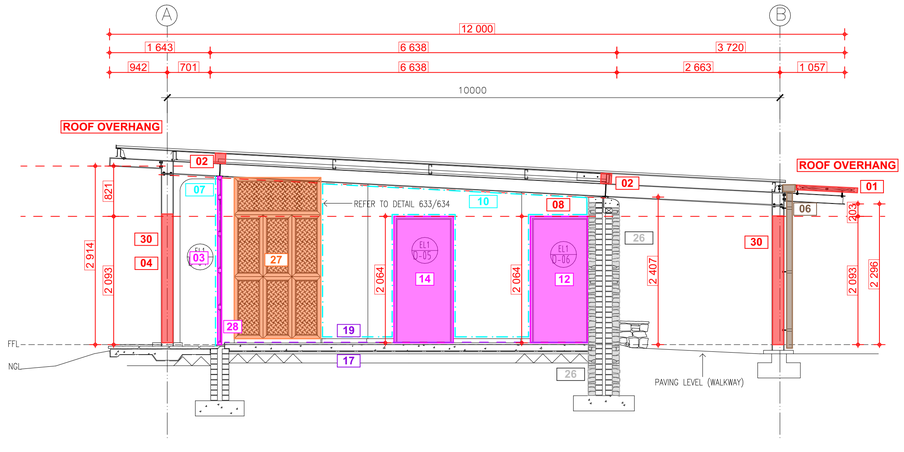
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CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E2: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.4
rev no.	



BLOCK E1 - SINGLE STOREY UNIT - FLOOR PLAN

SCALE 1 : 50



BLOCK E1 - SINGLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
E1	SINGLE STOREY ACCOMMODATION UNIT 1 (Semidetached with E2)	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
TIMBER INFILL TO STEEL COLUMNS	30.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
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All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
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All trenches to inspected by a Local Authority Building Inspector,

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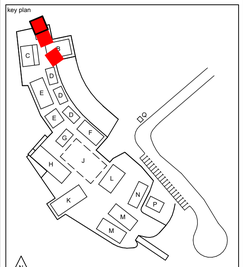
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Cell: 078 165 7059
E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW

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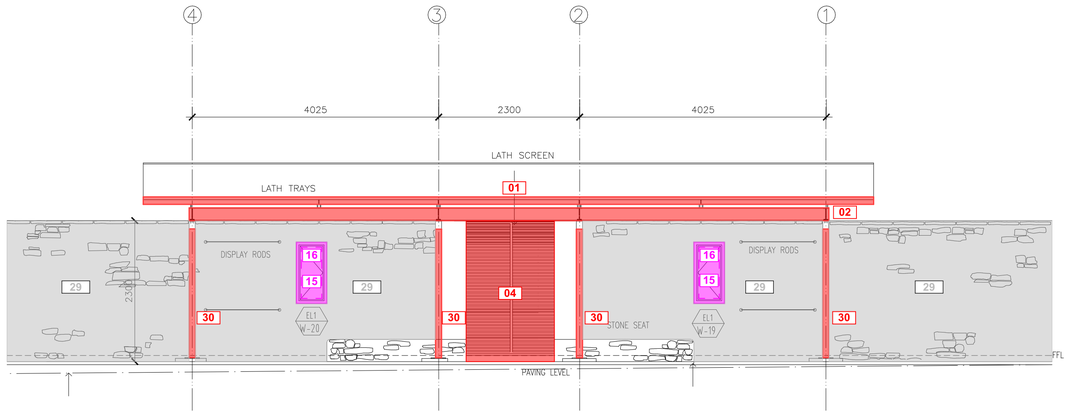
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

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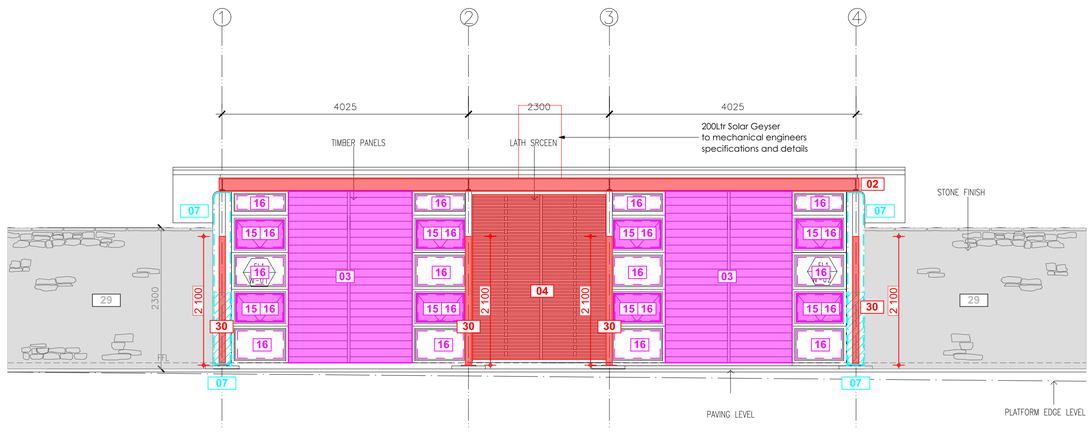
discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E1: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.1
rev no.	

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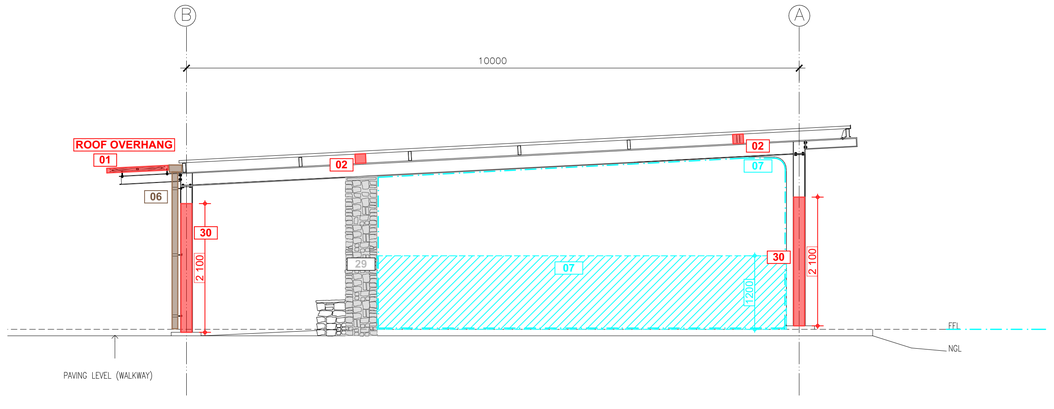
BLOCK E1 - SINGLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK E1 - SINGLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK E1 - SINGLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
E1	SINGLE STOREY ACCOMMODATION UNIT 1 (Semidetached with E2)	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
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	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
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general notes

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All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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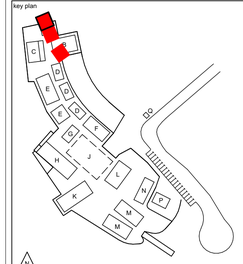
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Jabu Twala
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other notes

NO	DATE	AMMENDMENT	DPW

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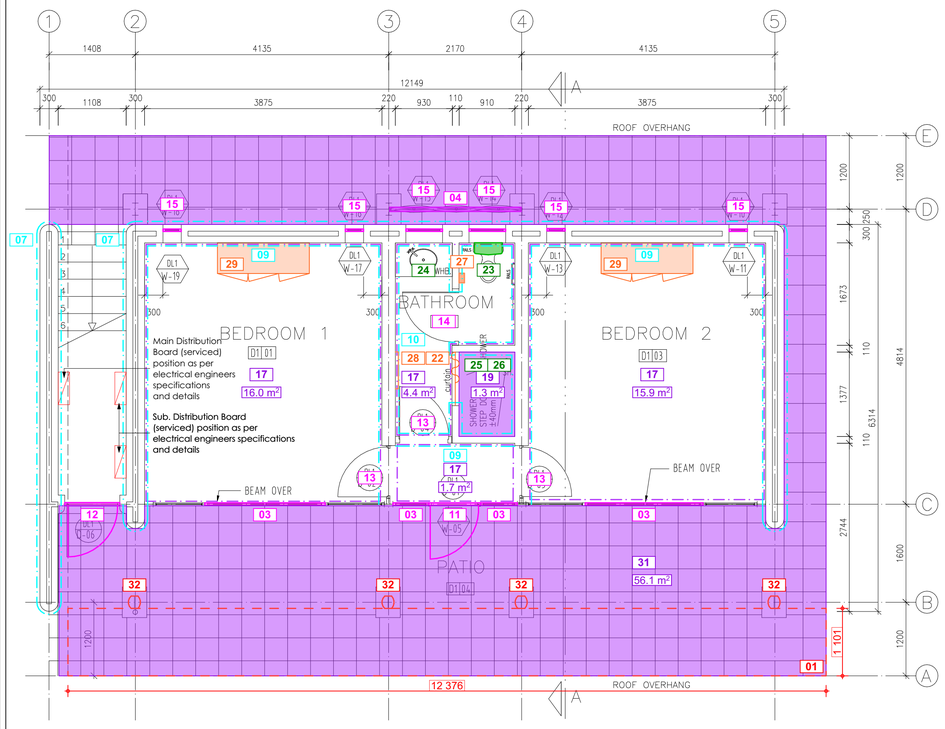
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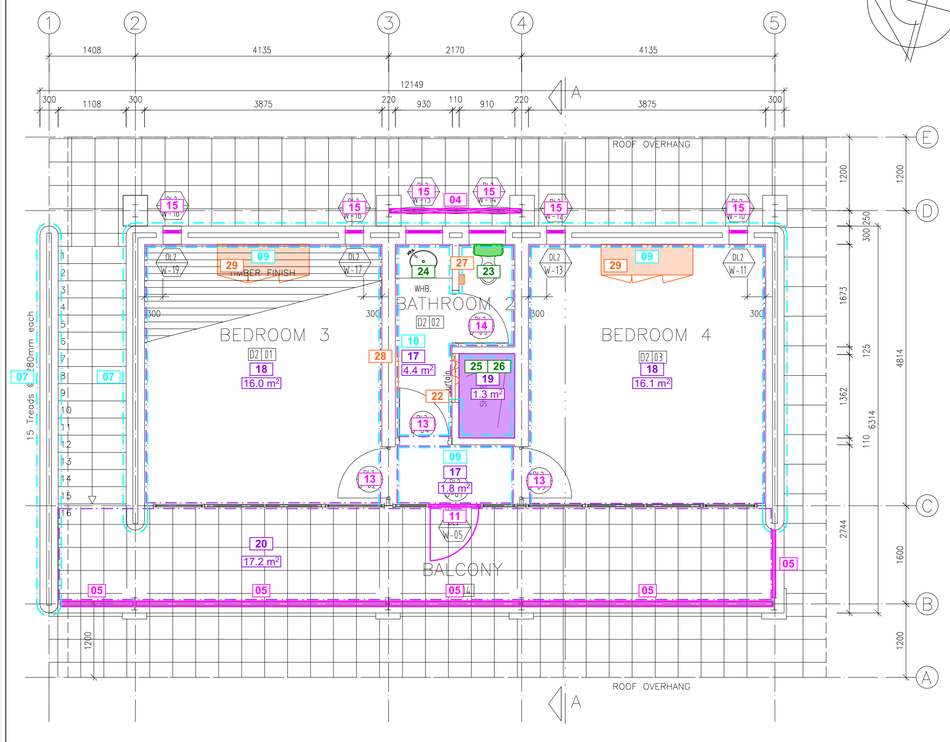
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E1: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.2
rev no.	



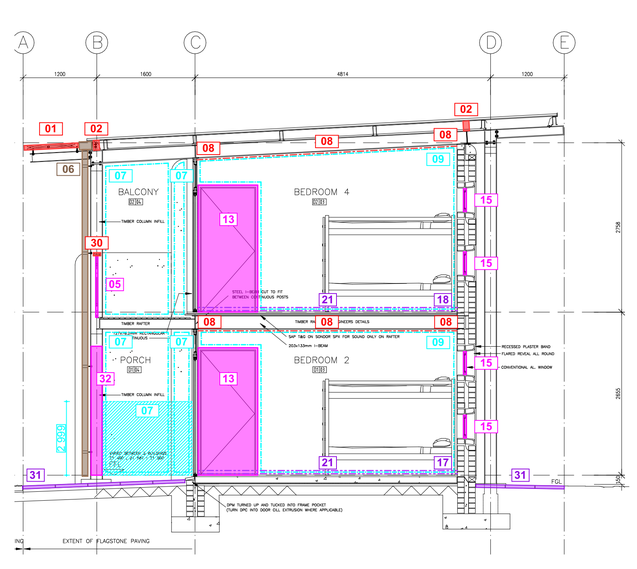
BLOCK D1 - DOUBLE STOREY UNIT - GROUND FLOOR PLAN

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - FIRST FLOOR PLAN

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
D1	DOUBLE STOREY ACCOMMODATION UNIT 1

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	11.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	17.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	19.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	20.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	21.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	23.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	25.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	26.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	27.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	28.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	29.	To all cupboards: Re-instate existing cupboard hinges
HAND RAILS	30.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	31.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	32.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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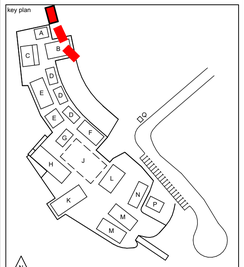
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

Copyright vests in the Department of Public Works

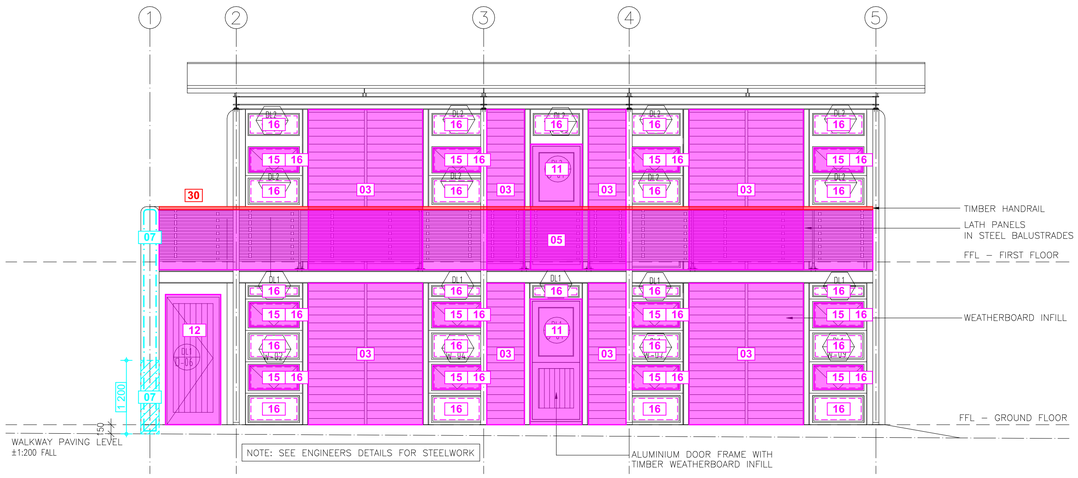
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

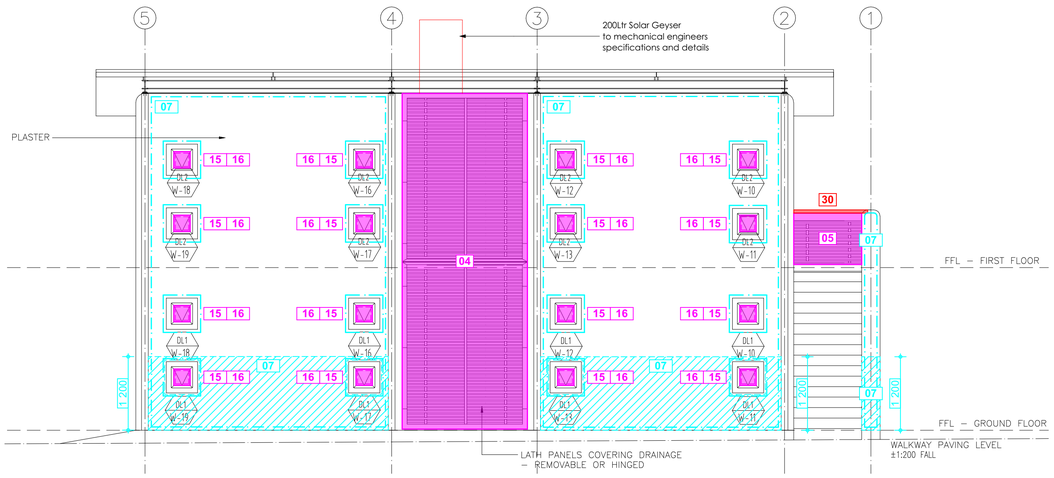
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D1: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.1
rev no.	



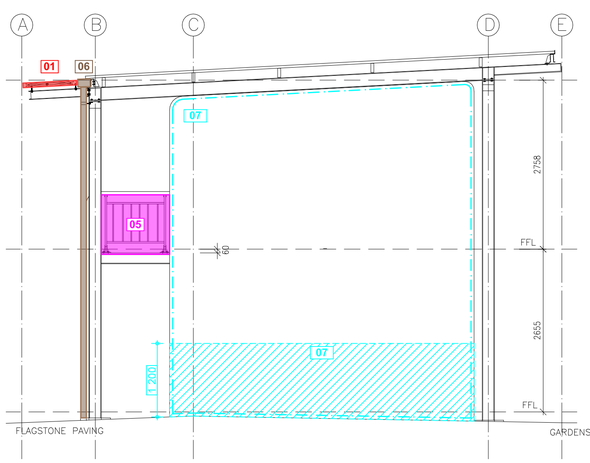
BLOCK D1 - DOUBLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



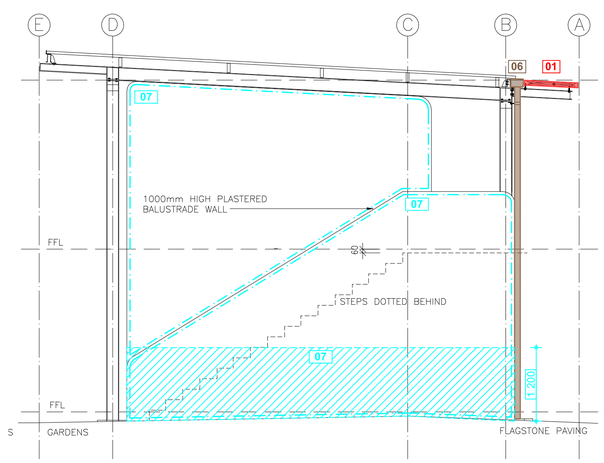
BLOCK D1 - DOUBLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - SOUTH EAST ELEVATION

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION
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0 0.5 1 2 4m

general notes

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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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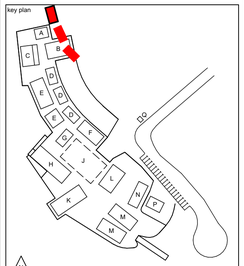
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D1: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.2
rev no.	

NELSON MANDELA MUSEUM
ERF NO. (*TO BE APPR.*)
QUNU, EASTERN CAPE

SITE AREA: 14.6 ha

ERF 1043

RE/328

ERF 327

EX ACCESS ROAD

CONTRACTOR ACCESS

PHASE I

PHASE II

PHASE

EX. TENNIS COURT 668.4 m²

EX. TENNIS COURT 667.3 m²

EX. VEG GARDEN

EX. IRRIGATION TANK

PROPOSED PARKING AREA

PROPOSED HOARDED AREA

EX. SEWER SYSTEM

NEW SEWER TREATMENT PONDS

PROPOSED 2.1M HIGH CLEAVU FENCE

BM1 921.879

BM2 916.028

BM3 902.825

BM4 918.690

BM5 902.395

BM6 903.576

BM7 900.702

QNU TRG 210 927.400

FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
A	36725.777	3517658.834
B	36671.982	3517691.842
C	36693.032	3517716.549
D	36466.475	3517993.303
E	36661.051	3518150.395
F	36754.393	3518091.124
G	36866.254	3518009.243
H	36964.352	3517924.485
I	37044.562	3517785.149
J	36913.854	3517677.256
K	36834.427	3517782.585
L	36783.144	3517748.454
M	36699.963	3517674.600
N	36706.558	3517685.517
O	36691.078	3517695.016
P	36684.500	3517684.294
Q	36783.421	3517867.819
R	36757.764	3517873.135
S	36729.726	3517931.942
T	36794.839	3517962.986
U	36829.694	3517889.881

KEY LEGEND

- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
- EXISTING STORMWATER
- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
BM5	36663.293	3518148.245	902.395
BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE EXTENTS PLAN 1

NELSON MANDELA MUSEUM

Scale 1:1000

0 0.5 1 2 4m

general notes

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Electrical / Mechanical Engineer:
Carifro Consulting Engineers
Jabu
Tel: 043 743 8266
Fax:
Cell:
E-mail: jabu@carifro.com

key plan

key plan - locality

NO	DATE	AMMENDMENT	DPW

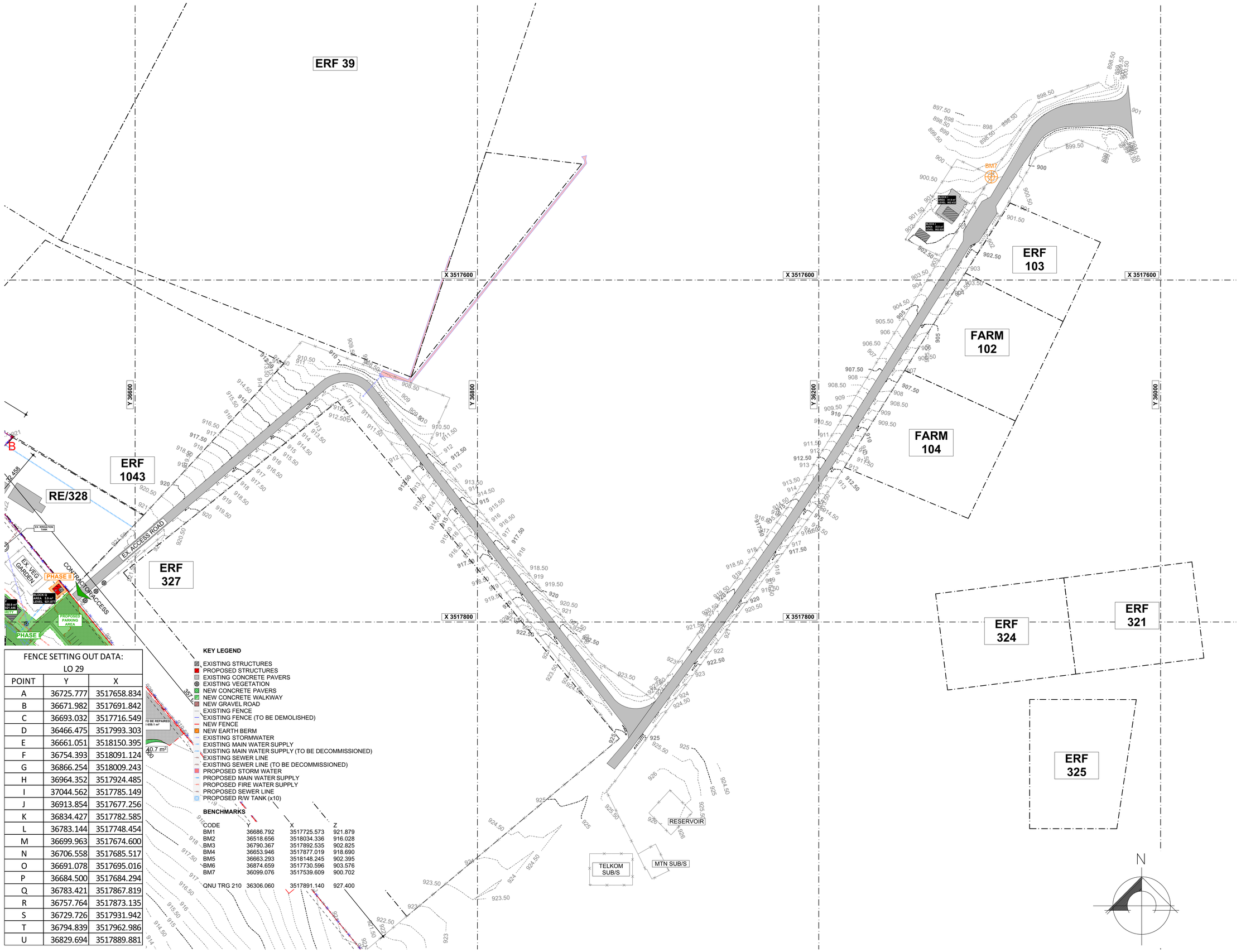
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MR. MZWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN SITE EXTENTS PLAN 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.1
rev no.	



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
A	36725.777	3517658.834
B	36671.982	3517691.842
C	36693.032	3517716.549
D	36466.475	3517993.303
E	36661.051	3518150.395
F	36754.393	3518091.124
G	36866.254	3518009.243
H	36964.352	3517924.485
I	37044.562	3517785.149
J	36913.854	3517677.256
K	36834.427	3517782.585
L	36783.144	3517748.454
M	36699.963	3517674.600
N	36706.558	3517685.517
O	36691.078	3517695.016
P	36684.500	3517684.294
Q	36783.421	3517867.819
R	36757.764	3517873.135
S	36729.726	3517931.942
T	36794.839	3517962.986
U	36829.694	3517889.881

KEY LEGEND

- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
- EXISTING STORMWATER
- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
BM5	36663.293	3518148.245	902.395
BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE EXTENTS PLAN 2 — NELSON MANDELA MUSEUM — Scale 1:1000 (0 0.5 1 2 4m)

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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E-mail: rob@intsika.com

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Fax: 041 373 7135
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Fax:
Cell:
E-mail: jabu@carifro.com

key plan

key plan - locality

NO	DATE	AMMENDMENT	DPW

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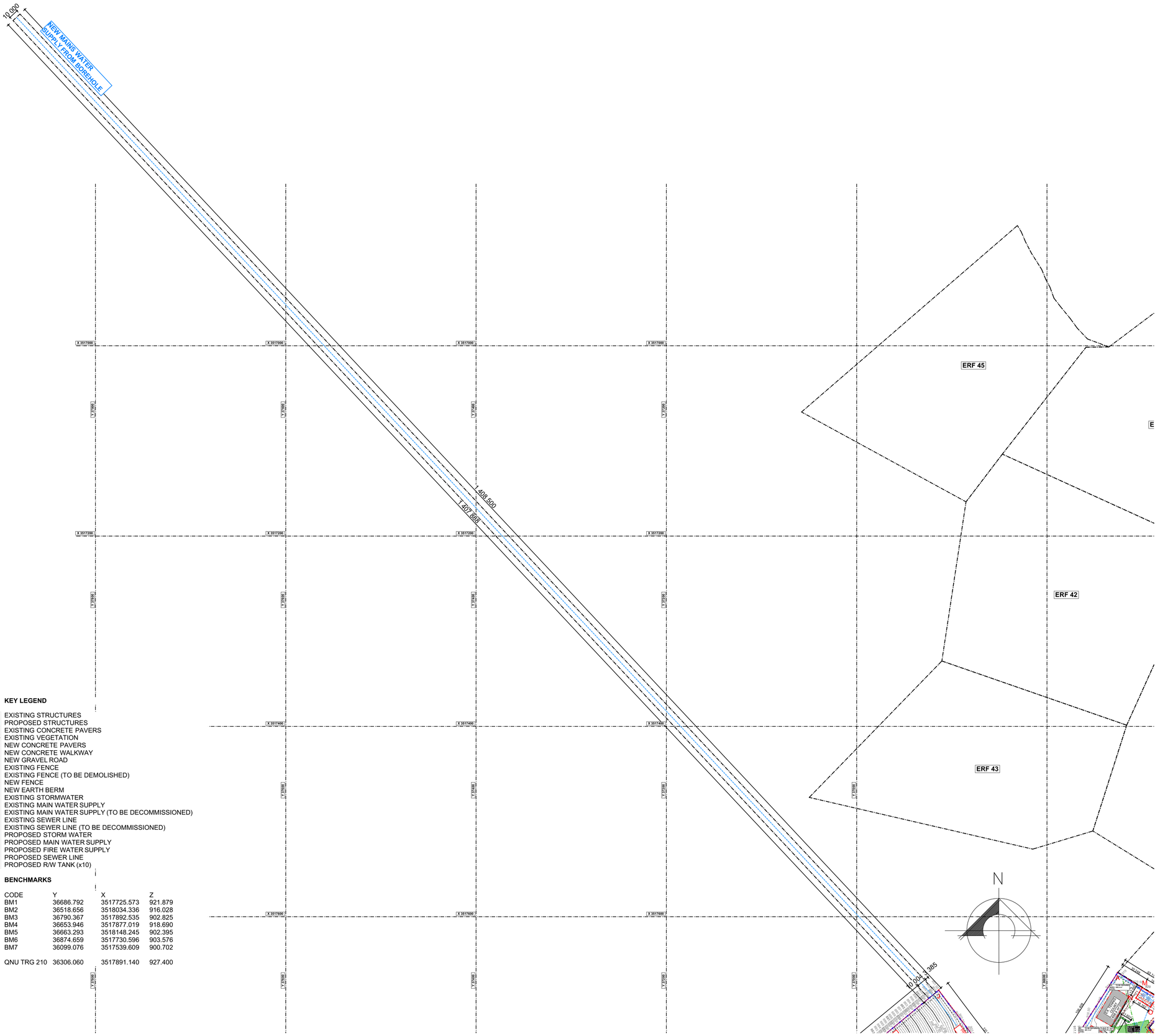
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Department: Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN SITE EXTENTS PLAN 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.2
rev no.	



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
A	36725.777	3517658.834
B	36671.982	3517691.842
C	36693.032	3517716.549
D	36466.475	3517993.303
E	36661.051	3518150.395
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T	36794.839	3517962.986
U	36829.694	3517889.881

KEY LEGEND

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- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
- EXISTING STORMWATER
- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

CODE	Y	X	Z
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BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
BM5	36663.293	3518148.245	902.395
BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE EXTENTS PLAN 3

NELSON MANDELA MUSEUM

Scale 1:2000

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
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E-mail: rob@intsika.com

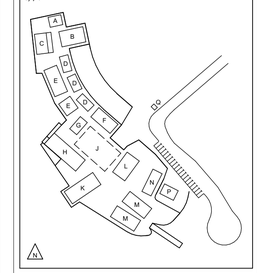
Quantity Surveyor:
Imvelo Quantity Surveyors
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Cell: 082 652 4065
E-mail: imveloqsk @telkomsa.net

Structural Engineer:
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Lindy Krause
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Fax: 043 726 9488
Cell:
E-mail: lindykrause@ cbmafrica.co.za

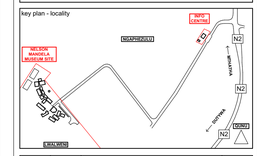
Civil Engineer:
BVI Engineers
Francois Van Graan
Tel: 041 373 4343
Fax: 041 373 7135
Cell: 082 852 7725
E-mail: fvg@bviec.co.za

Electrical / Mechanical Engineer:
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E-mail: jabu@carifro.com

key plan



key plan - locality



NO	DATE	AMMENDMENT	DPW

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MR. MZWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**SITE PLAN** SITE EXTENTS PLAN 3
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.3
rev no.	



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
A	36725.777	3517658.834
B	36671.982	3517691.842
C	36693.032	3517716.549
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E	36661.051	3518150.395
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KEY LEGEND

- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
- EXISTING STORMWATER
- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
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BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE WORKS PLAN

NELSON MANDELA MUSEUM

Scale 1:500

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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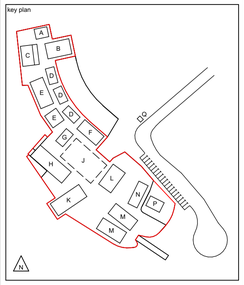
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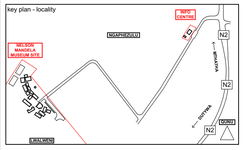
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key plan



key plan - locality



NO	DATE	AMMENDMENT	DPW

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MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN SITE WORKS PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.4
rev no.	



FENCE SETTING OUT DATA: LO 29		
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B	36671.982	3517691.842
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E	36661.051	3518150.395
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BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
BM3	36790.367	3517892.535	902.825
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BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE WORKS PLAN

NELSON MANDELA MUSEUM

Scale 1:500

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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key plan

key plan - locality

NO	DATE	AMMENDMENT	DPW

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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
INFORMATION

discipline: Architect & Principal Agent
services: **Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no. 051731
drawing title: **SITE PLAN**
SECTIONAL COMPLETION PROPOSAL
building classification: A1 A2 A3 A4 F1 G1 H1
ref no. 19/2/4/2/2/6958/001 | design. RKG
scale As Shown | drawn LGM
date 2024/07/04 | checked RKG
DPW drawing no. NMM/ARCH/SPC.17.5 | rev no.



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
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BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE WORKS PLAN

NELSON MANDELA MUSEUM

Scale 1:500

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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Fax: 043 - 726 4763
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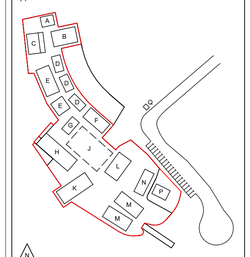
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key plan



keyplan locality



NO	DATE	AMMENDMENT	DPW

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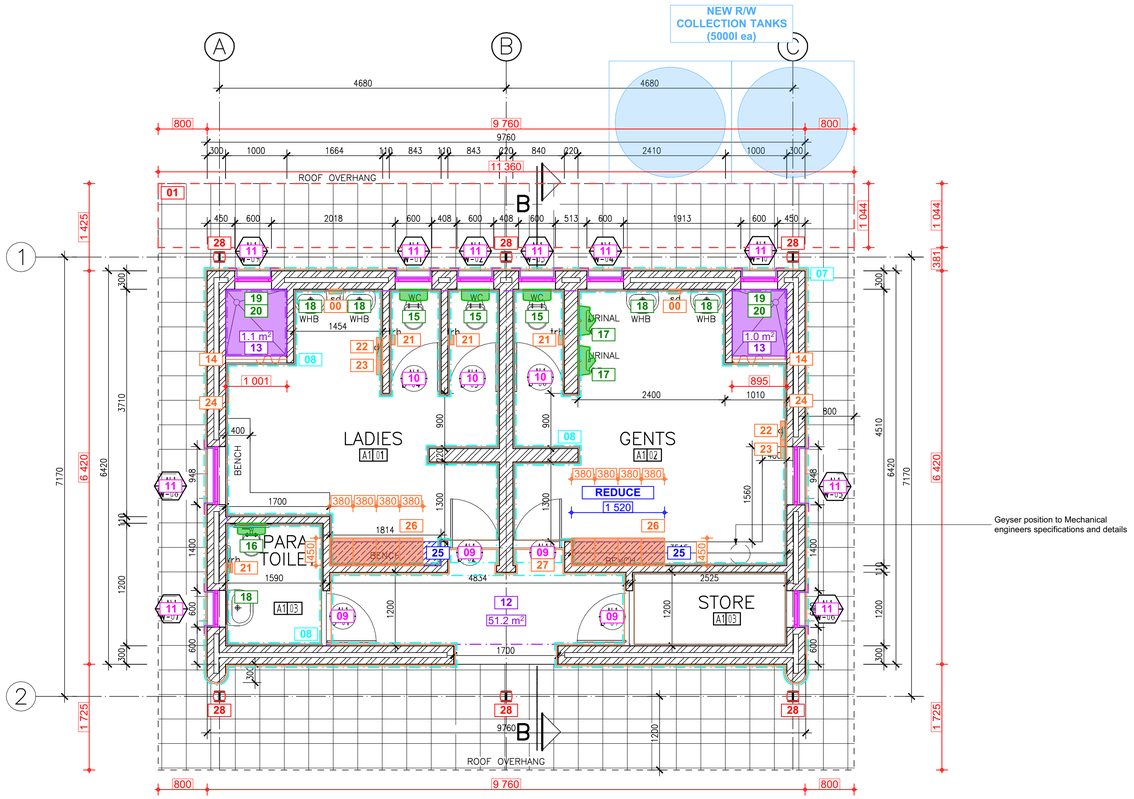
public works
Department: Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

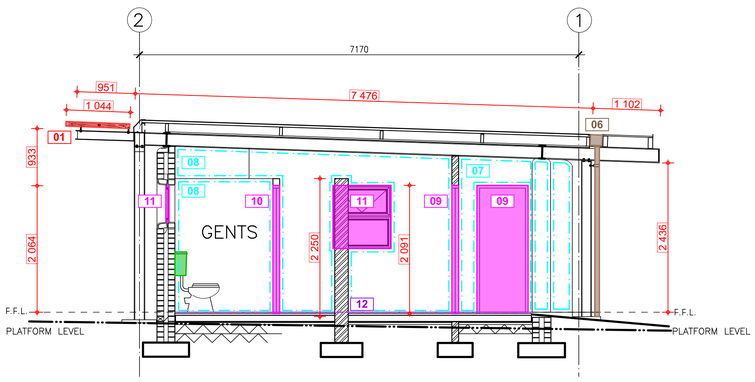
issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN LOCALITY
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.6
rev no.	



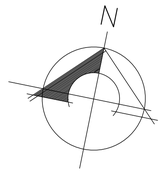
BLOCK A - CHANGE ROOMS - FLOOR PLAN

SCALE 1 : 50



BLOCK A - CHANGE ROOMS - SECTION B

SCALE 1 : 50



BLOCK	DESCRIPTION	
A	CHANGE ROOMS	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	8.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint colour to match existing
EXTERNAL DOORS	9.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
TOILET DOORS	10.	Replace ironmongery with new mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per ALB4TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS	11.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
FLOOR FINISH	12.	Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SANITARYWARE	14.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	15.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	16.	Replace cistern in disabled toilet with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and c.p side flush lever pull handle and flush pipe equal to Vaal Protea code 710631 or equal approved Replace existing toilet seat with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Remove existing urinals. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer system.
	18.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	19.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	20.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	21.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	22.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved
	23.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
	24.	Fit 2 off 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	25.	Remove bench in Ladies. Cut back timber bench in Gents to suit new lockers. Relocate existing support bracket as may be required.
LOCKERS	26.	Fit 1850h x 380w x 450d two door steel lockers with hanging rail in each compartment. Lockers to have epoxy powder coated finish. No required: 4 in ladies; 4 in gents
SIGNAGE	27.	Fit new aluminium Male toilet sign size 150 x 150 (size to be checked on site) to match existing female sign.
TIMBER INFILL TO STEEL COLUMNS	28.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	19.07.19	Geyser position	

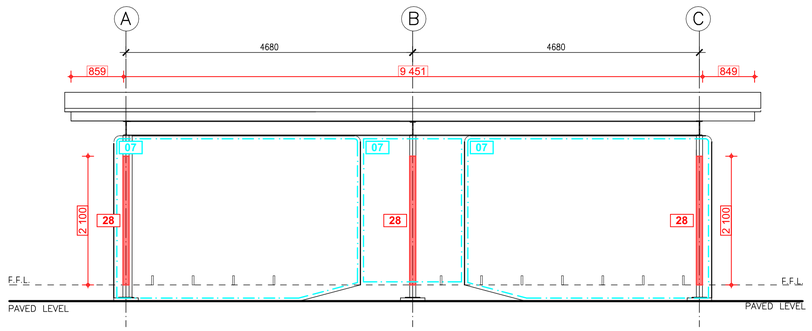
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public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

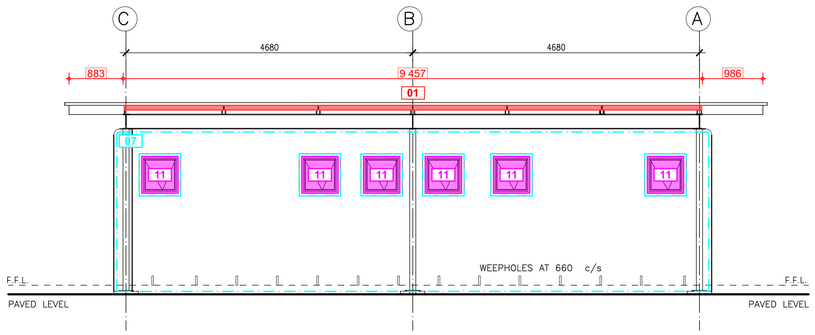
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK A - CHANGE ROOMS** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.01.1
rev no.	



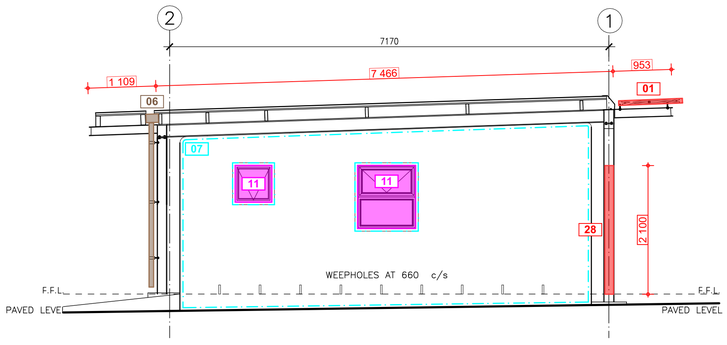
BLOCK A - CHANGE ROOMS - SOUTH ELEVATION

SCALE 1 : 50



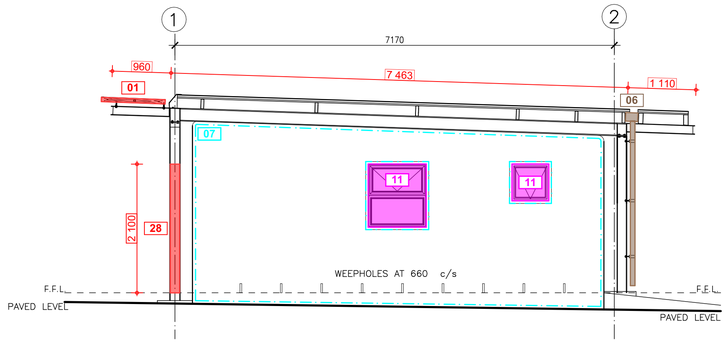
BLOCK A - CHANGE ROOMS - NORTH ELEVATION

SCALE 1 : 50



BLOCK A - CHANGE ROOMS - EAST ELEVATION

SCALE 1 : 50



BLOCK A - CHANGE ROOMS - WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
A	CHANGE ROOMS	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	8.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint colour to match existing
EXTERNAL DOORS	9.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
TOILET DOORS	10.	Replace ironmongery with new mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per ALGA4TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS	11.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
FLOOR FINISH	12.	Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SANITARYWARE	14.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	15.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	16.	Replace cistern in disabled toilet with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and c.p side flush lever pull handle and flush pipe equal to Vaal Protea code 710631 or equal approved Replace existing toilet seat with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Remove existing urinals. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer system.
	18.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	19.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	20.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	21.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	22.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved
	23.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
	24.	Fit 2 off 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	25.	Remove bench in Ladies. Cut back timber bench in Gents to suit new lockers. Relocate existing support bracket as may be required.
LOCKERS	26.	Fit 1850h x 380w x 450d two door steel lockers with hanging rail in each compartment. Lockers to have epoxy powder coated finish. No required: 4 in ladies; 4 in gents
SIGNAGE	27.	Fit new aluminium Male toilet sign size 150 x 150 (size to be checked on site) to match existing female sign.
TIMBER INFILL TO STEEL COLUMNS	28.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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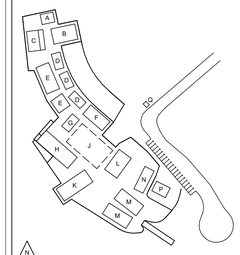
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Cell: 078 165 7059
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

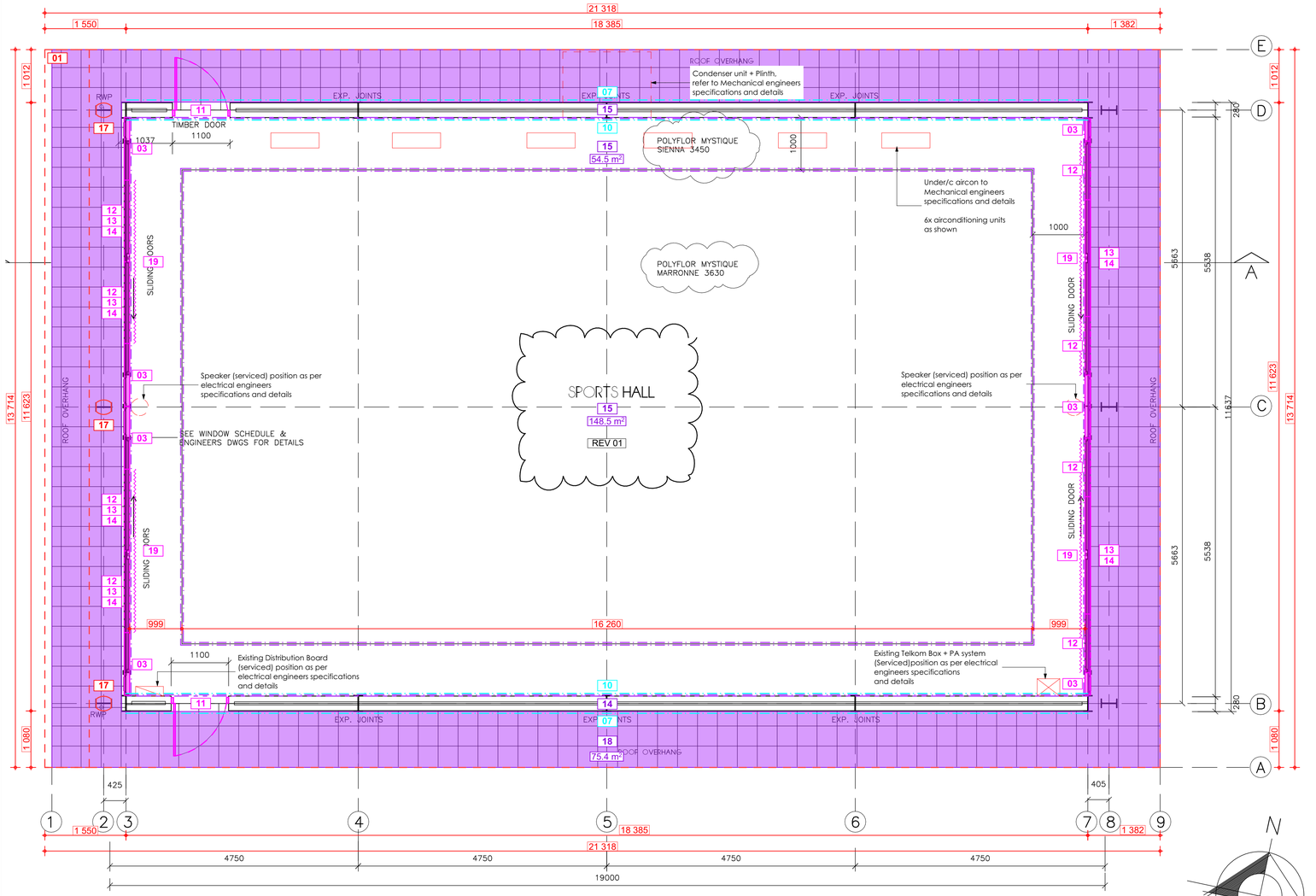
Copyright vests in the Department of Public Works

public works
Department:
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

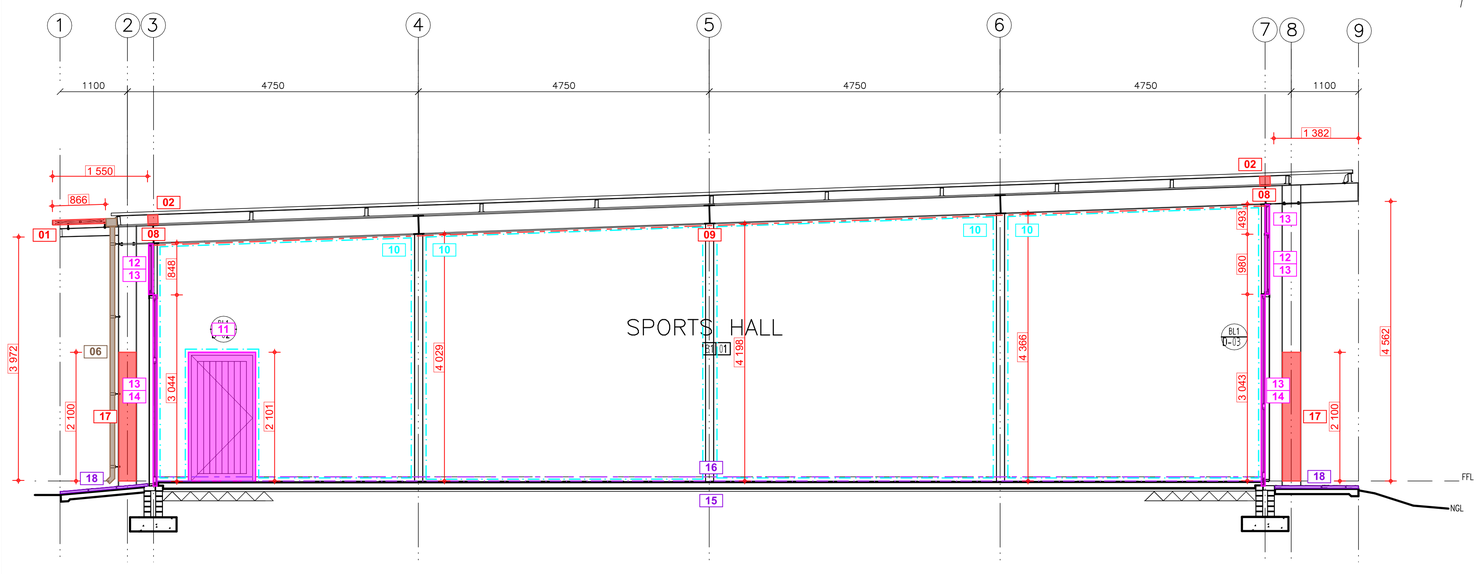
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK A - CHANGE ROOMS** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.01.2
rev no.	



BLOCK B - SPORTS HALL - FLOOR PLAN

SCALE 1 : 50



BLOCK B - SPORTS HALL - SECTION A

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
B	SPORTS HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix existing loose timber cornices to T&G ceiling.
	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks
FLOOR FINISH	15.	Clean down existing vinyl sheet floor covering. Strip and reseal
SKIRTINGS	16.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
BLINDS	19.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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Carifro Consulting Engineers
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Fax:
Cell: 078 165 7059
E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

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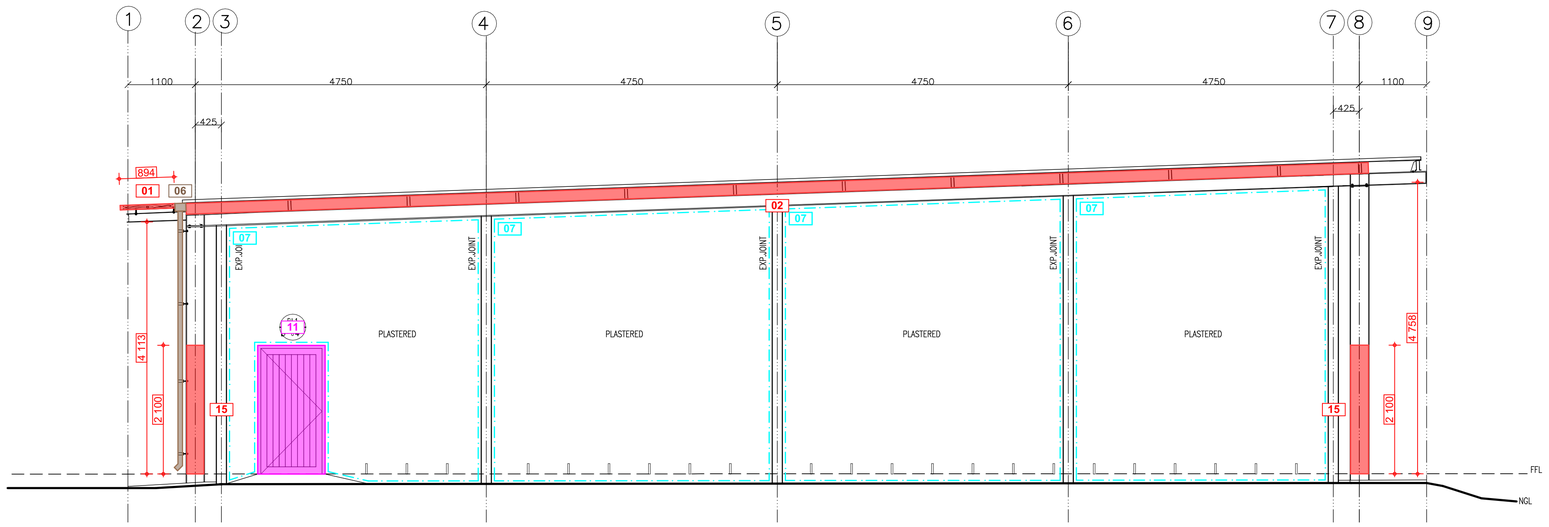
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

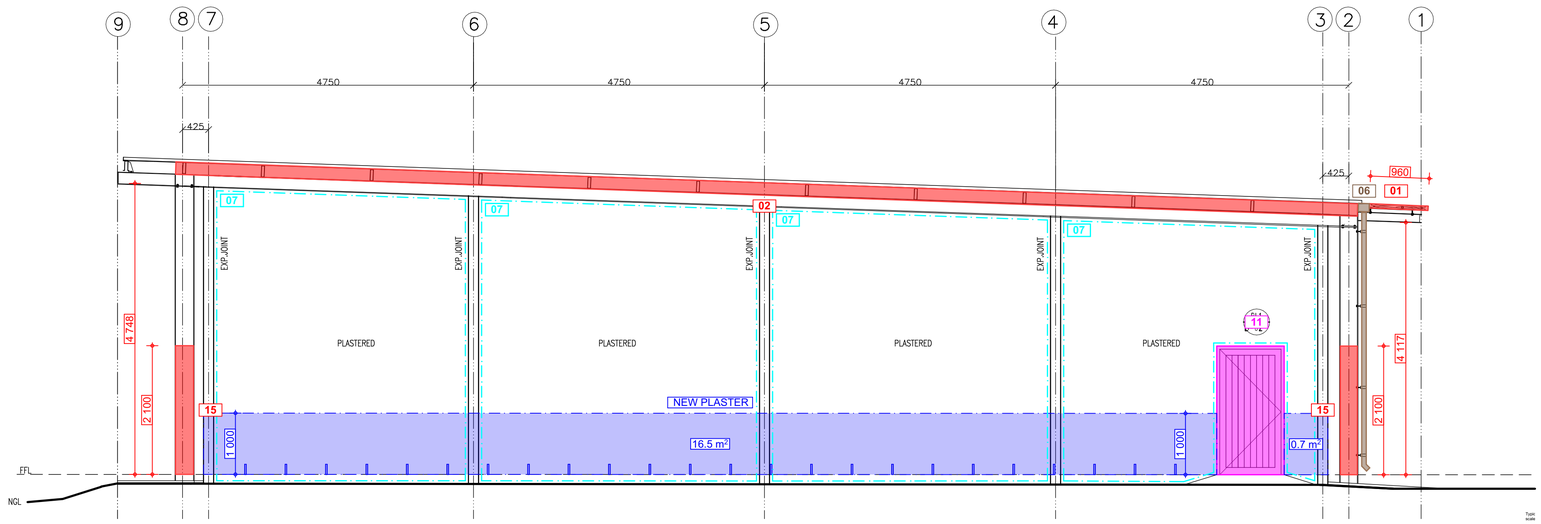
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK B - SPORTS HALL** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.02.1
rev no.	**01**



BLOCK B - SPORTS HALL - SOUTH ELEVATION

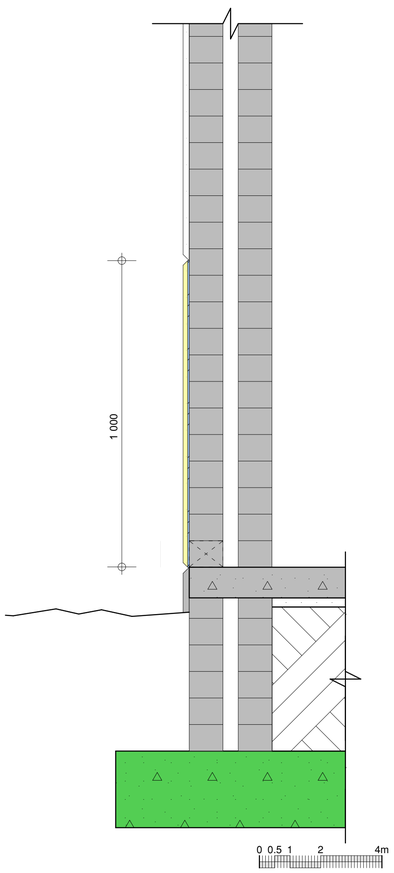
SCALE 1 : 50



BLOCK B - SPORTS HALL - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
B	SPORTS HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix existing loose timber cornices to T&G ceiling.
	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks
FLOOR FINISH	15.	Clean down existing vinyl sheet floor covering. Strip and reseal
SKIRTINGS	16.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
BLINDS	19.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)



Typical Detail
scale 1 : 10

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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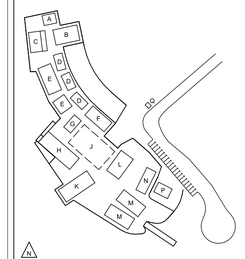
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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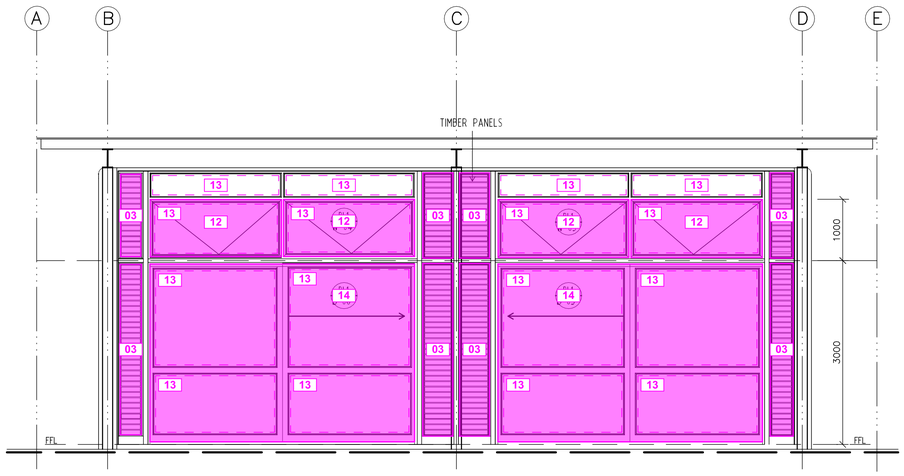
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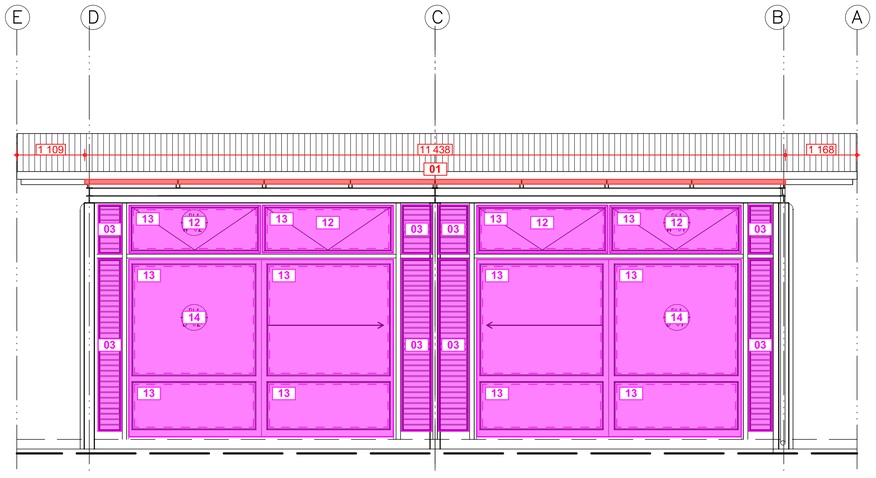
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK B - SPORTS HALL** ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.02.2
rev no.	



BLOCK B - SPORTS HALL - EAST ELEVATION

SCALE 1 : 50



BLOCK B - SPORTS HALL - WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
B	SPORTS HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix existing loose timber cornices to T&G ceiling.
	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks
FLOOR FINISH	15.	Clean down existing vinyl sheet floor covering. Strip and reseal
SKIRTINGS	16.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
BLINDS	19.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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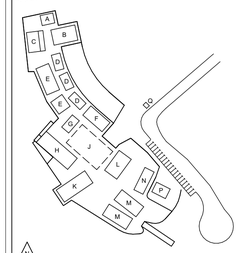
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

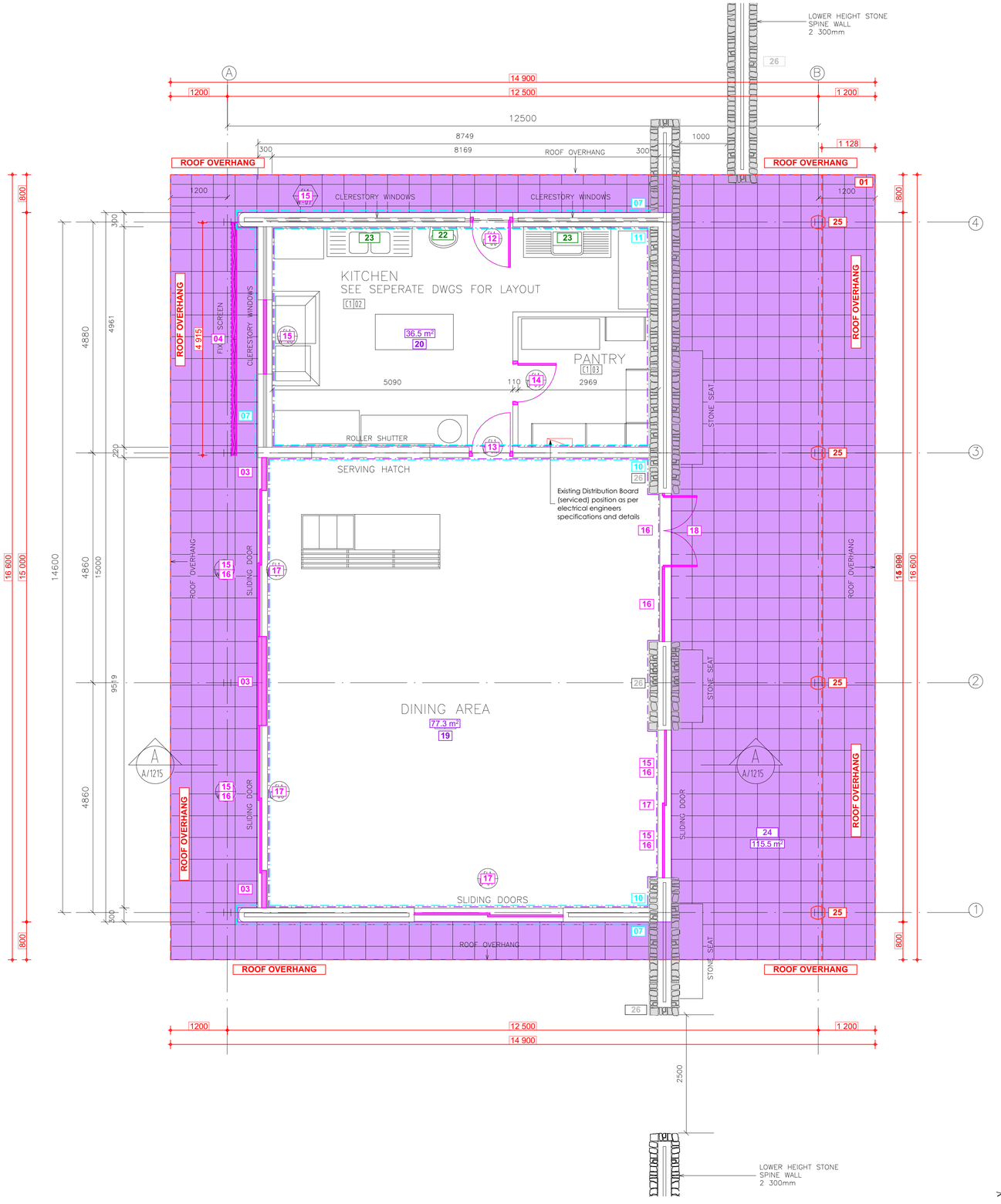
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK B - SPORTS HALL** ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.02.3
rev no.	



BLOCK C - DINING HALL - FLOOR PLAN

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION
BLOCK C	DINING HALL

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Fit new 44 x 18 bevelled timber cornices fitted flat to existing T&G ceiling.
	9.	Refit shifted T&G board and fix in place. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	DINING HALL Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
INTERNAL TILED WALLS	11.	KITCHEN Clean down existing wall tiles
EXTERNAL TIMBER DOORS	12.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	13.	Replace kitchen door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder deadbolt mortice lock with key escutcheon. Fit 200mm aluminium pull handle with flange fixing as per Union Dove pull Handle code AL5515FLAS or equal approved. Salvage and refit existing stainless steel push plate and kicking plate. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
	14.	Replace pantry door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder mortice lock with aluminium anodised silver finish lever handle and backplate equal to Union Bishop AL684-13AS or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
	17.	Ease and service all sliding door mechanisms and locks
	18.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	19.	Dining Hall: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	20.	Kitchen Clean down existing ceramic tile floor
SKIRTINGS	21.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Replace all wash hand basin tap heads with 15mm c.p tapheads equal to Ledimo or equal other.
	23.	Replace sink mixers with 15mm c.p swivel spout wall mounted sink mixer as per Ledimo sink mixer code COB-LO-266/041/10 or equal approved.
EXTERNAL PAVED APRON	24.	North West corner. Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	25.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	26.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

general notes

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light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
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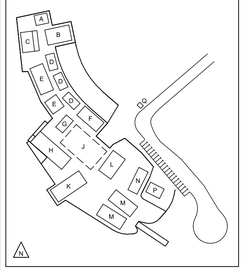
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Mechanical Engineer:
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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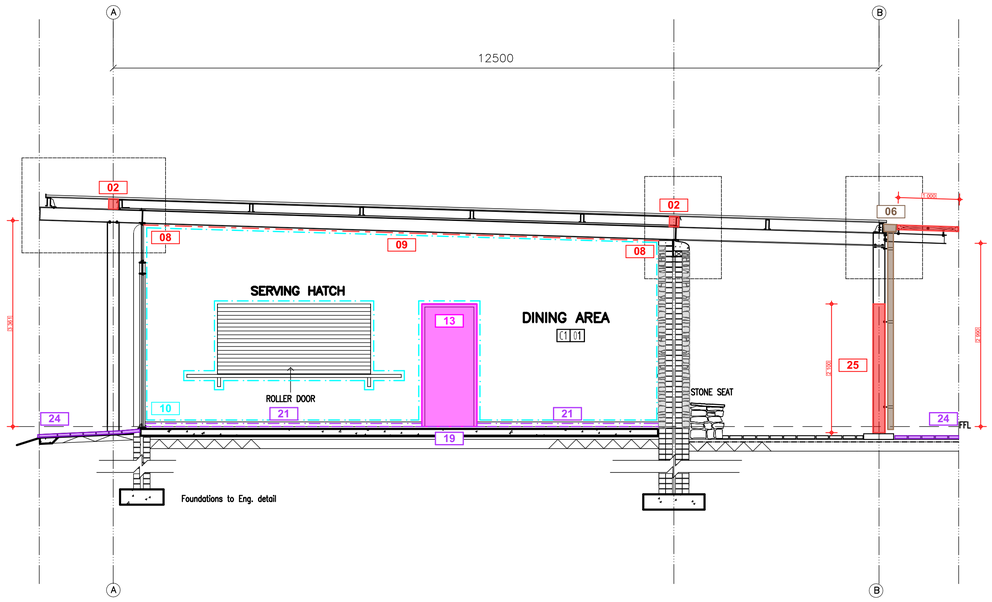
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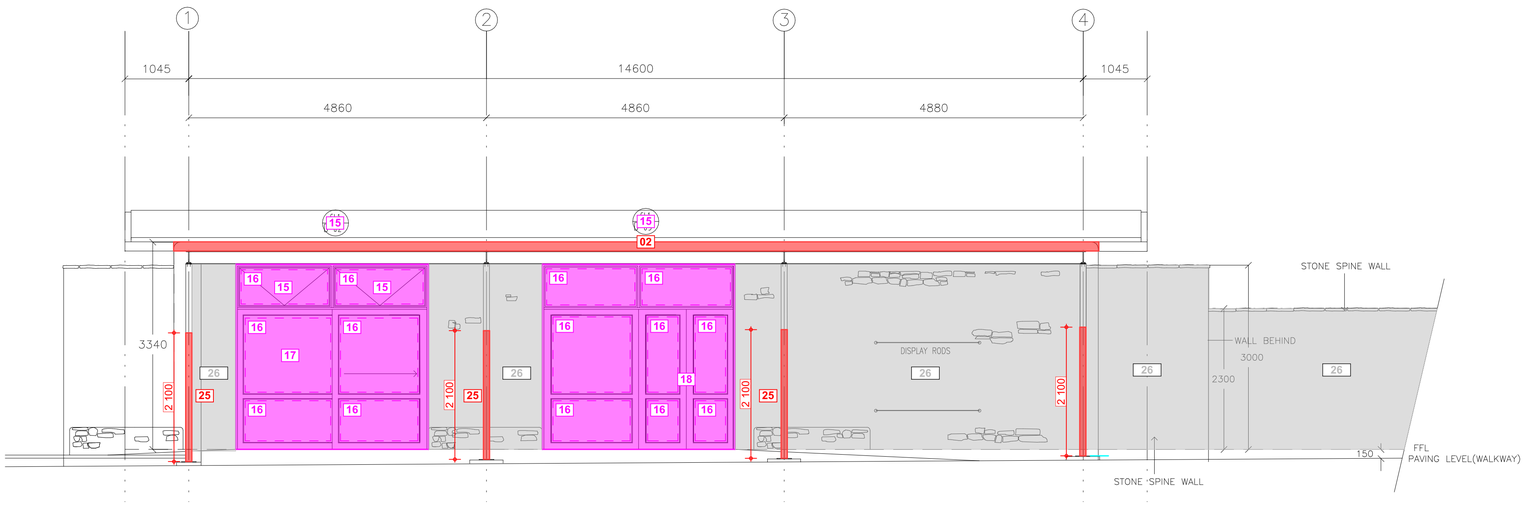
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK C - DINING HALL** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
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scale	As Shown
drawn	LGM
date	2024/07/04
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DPW drawing no.	NMM/ARCH/SPC.03.1
rev no.	



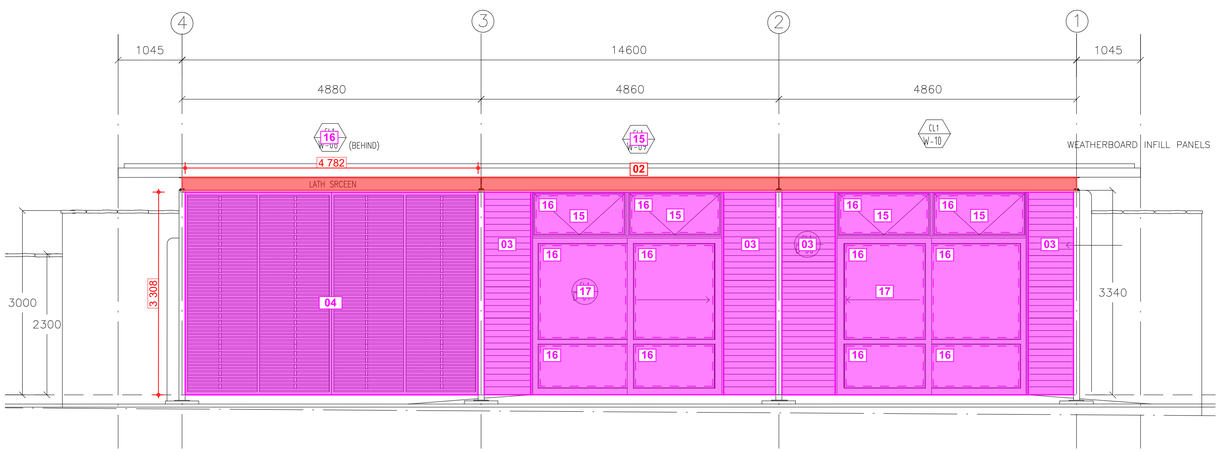
BLOCK C - DINING HALL - SECTION A

SCALE 1 : 50



BLOCK C - DINING HALL - EAST ELEVATION

SCALE 1 : 50



BLOCK C - DINING HALL - WEST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
BLOCK C	DINING HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Fit new 44 x 18 bevelled timber cornices fitted flat to existing T&G ceiling.
	9.	Refit shifted T&G board and fix in place. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	DINING HALL Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
INTERNAL TILED WALLS	11.	KITCHEN Clean down existing wall tiles
EXTERNAL TIMBER DOORS	12.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 8mm rawl bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	13.	Replace kitchen door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder deadbolt mortice lock with key escutcheon. Fit 200mm aluminium pull handle with flange fixing as per Union Dove pull Handle code AL5515FLAS or equal approved. Salvage and refit existing stainless steel push plate and kicking plate. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
	14.	Replace pantry door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder mortice lock with aluminium anodised silver finish lever handle and backplate equal to Union Bishop AL684-13AS or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
	17.	Ease and service all sliding door mechanisms and locks
	18.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	19.	Dining Hall: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	20.	Kitchen Clean down existing ceramic tile floor
SKIRTINGS	21.	Lightly sand down existing skirtings. Apply 2cts cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Replace all wash hand basin tap heads with 15mm c.p tapheads equal to Ledimo or equal other.
	23.	Replace sink mixers with 15mm c.p swivel spout wall mounted sink mixer as per Ledimo sink mixer code COB-LO-266/041/10 or equal approved.
EXTERNAL PAVED APRON	24.	North West corner. Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	25.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	26.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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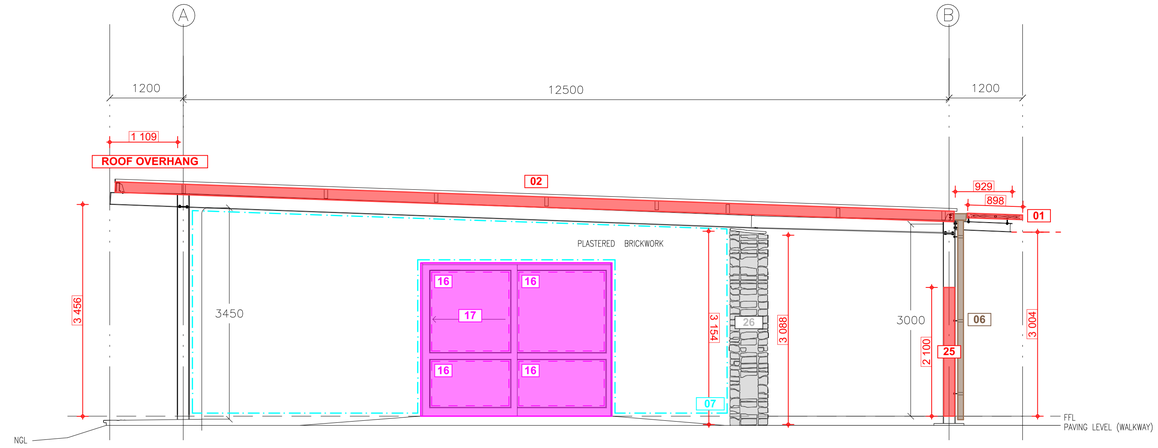
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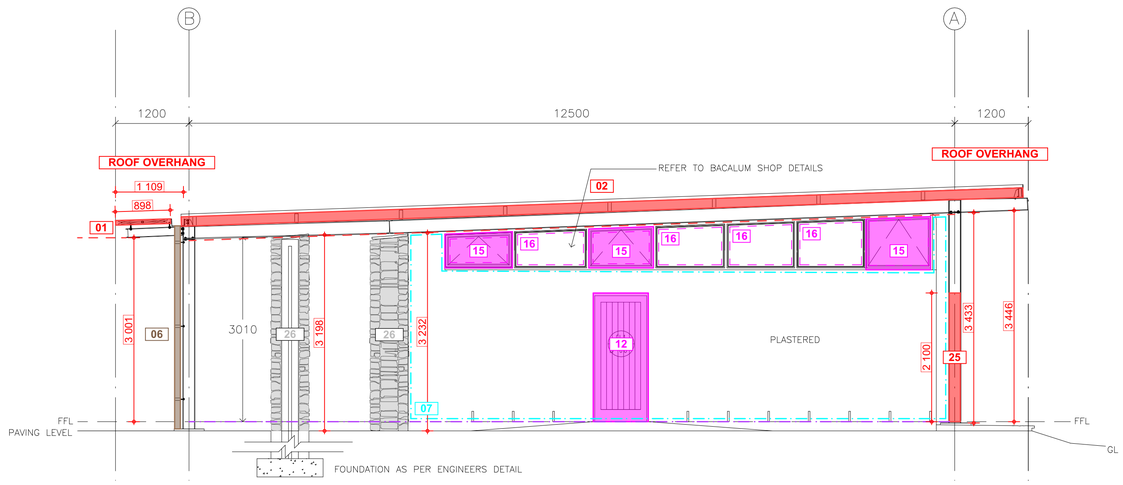
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK C - DINING HALL** SECTION + ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.03.2
rev no.	



BLOCK C - DINING HALL - SOUTH ELEVATION

SCALE 1 : 50



BLOCK C - DINING HALL - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
BLOCK C	DINING HALL	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Fit new 44 x 18 bevelled timber cornices fitted flat to existing T&G ceiling.
	9.	Refit shifted T&G board and fix in place. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	DINING HALL Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
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INTERNAL TIMBER DOORS	13.	Replace kitchen door leaf with new 1000 x 2032 framed ledged and braced batten door with flush back panel fixed to existing door frame with 1&1/2 prs new 100mm brass butt hinges Door to have 450x450 - 6.38 laminated safety glass viewing panel in timber surround. Fit cylinder deadbolt mortice lock with key escutcheon. Fit 200mm aluminium pull handle with flange fixing as per Union Dove pull Handle code AL5515FLAS or equal approved. Salvage and refit existing stainless steel push plate and kicking plate. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
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ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
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FLOOR FINISH	19.	Dining Hall: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
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SANITARYWARE	22.	Replace all wash hand basin tap heads with 15mm c.p tapheads equal to Ledimo or equal other.
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TIMBER INFILL TO STEEL COLUMNS	25.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	26.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

0 0.5 1 2 4m

general notes

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All trenches to inspected by a Local Authority Building Inspector,

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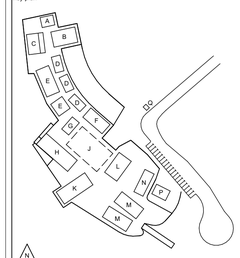
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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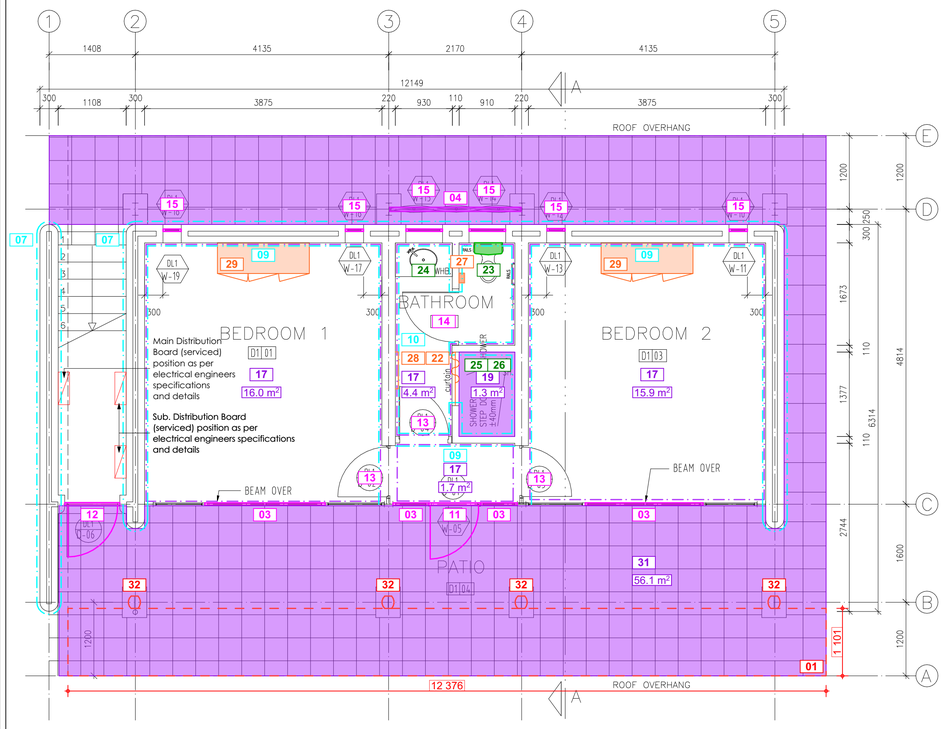
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

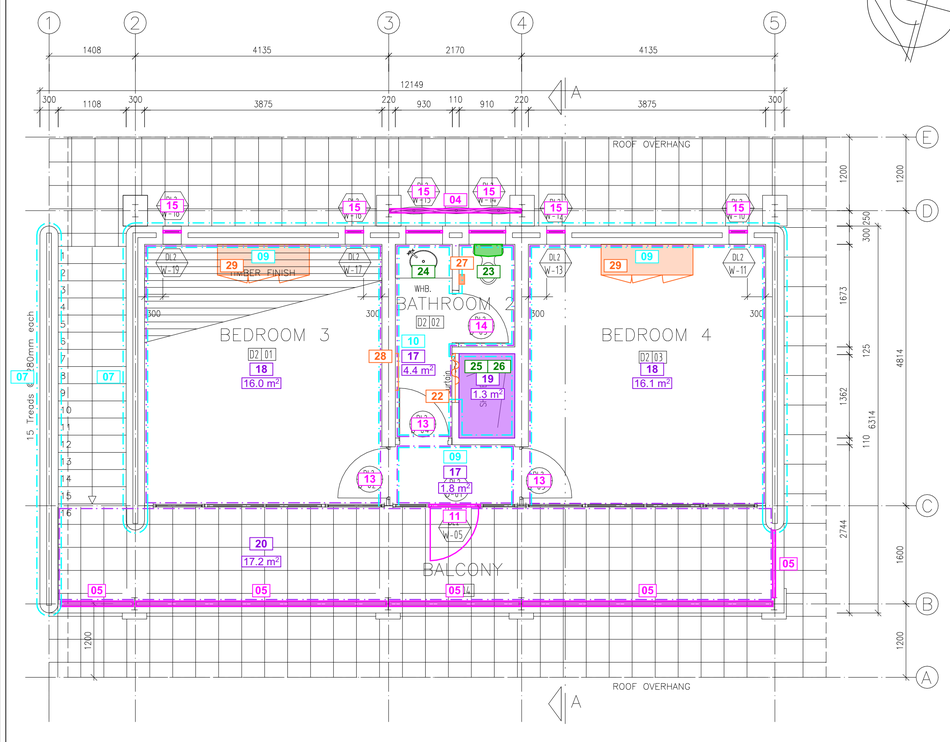
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK C - DINING HALL** ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.03.3
rev no.	



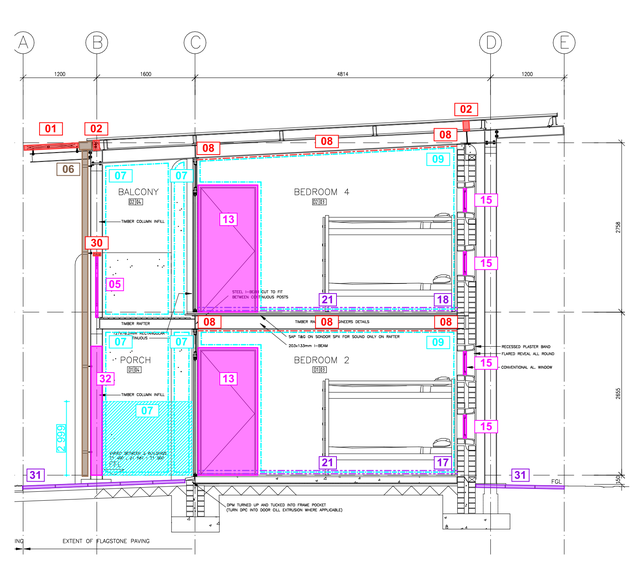
BLOCK D1 - DOUBLE STOREY UNIT - GROUND FLOOR PLAN

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - FIRST FLOOR PLAN

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
D1	DOUBLE STOREY ACCOMMODATION UNIT 1

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	11.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	17.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	19.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	20.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	21.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	23.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	25.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	26.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	27.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	28.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	29.	To all cupboards: Re-instate existing cupboard hinges
HAND RAILS	30.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	31.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	32.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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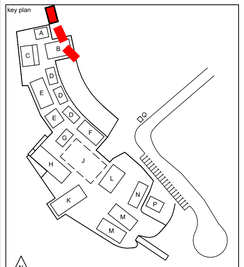
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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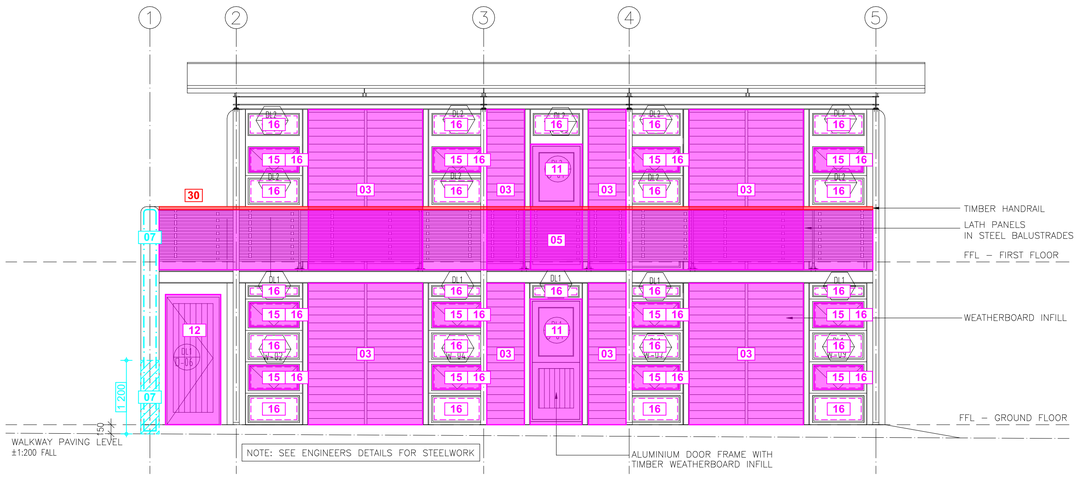
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

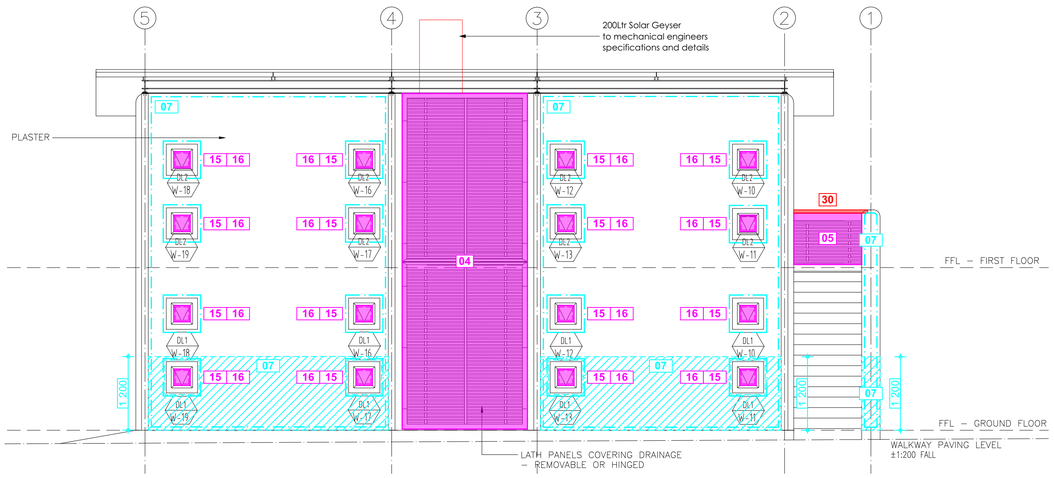
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D1: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.1
rev no.	



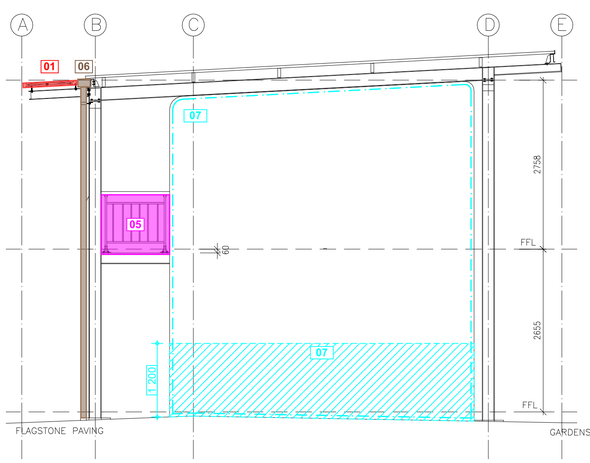
BLOCK D1 - DOUBLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



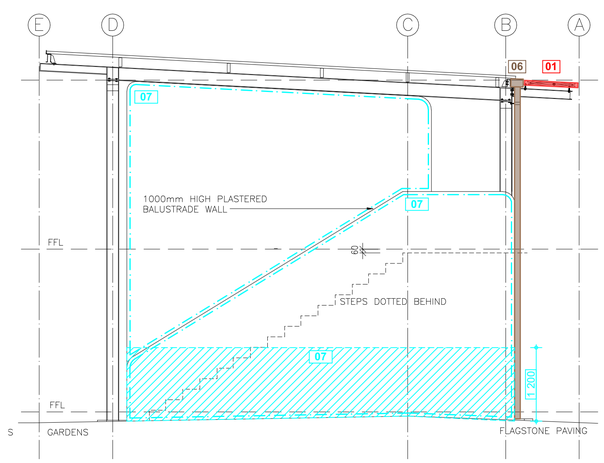
BLOCK D1 - DOUBLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - SOUTH EAST ELEVATION

SCALE 1 : 50



BLOCK D1 - DOUBLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION
D1	DOUBLE STOREY ACCOMMODATION UNIT 1

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	11.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	17.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	19.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	20.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	21.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	23.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	25.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	26.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	27.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	28.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	29.	To all cupboards: Re-instate existing cupboard hinges
HAND RAILS	30.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	31.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	32.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
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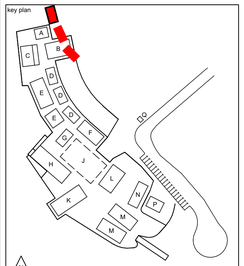
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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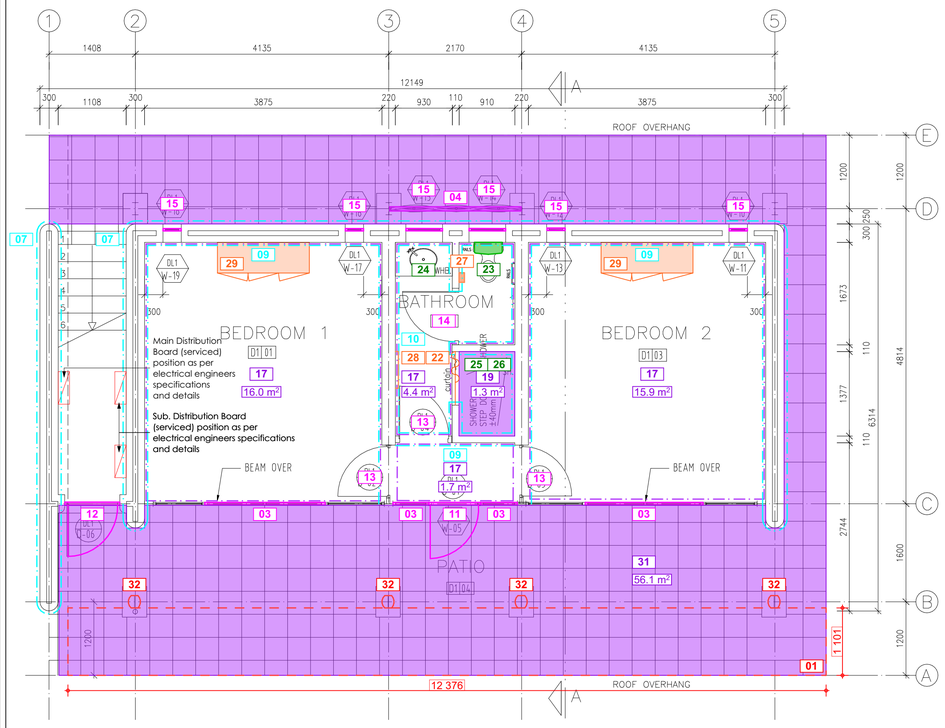
public works
Department:
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REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZWONKE DLABANTU

INTSIKA architects

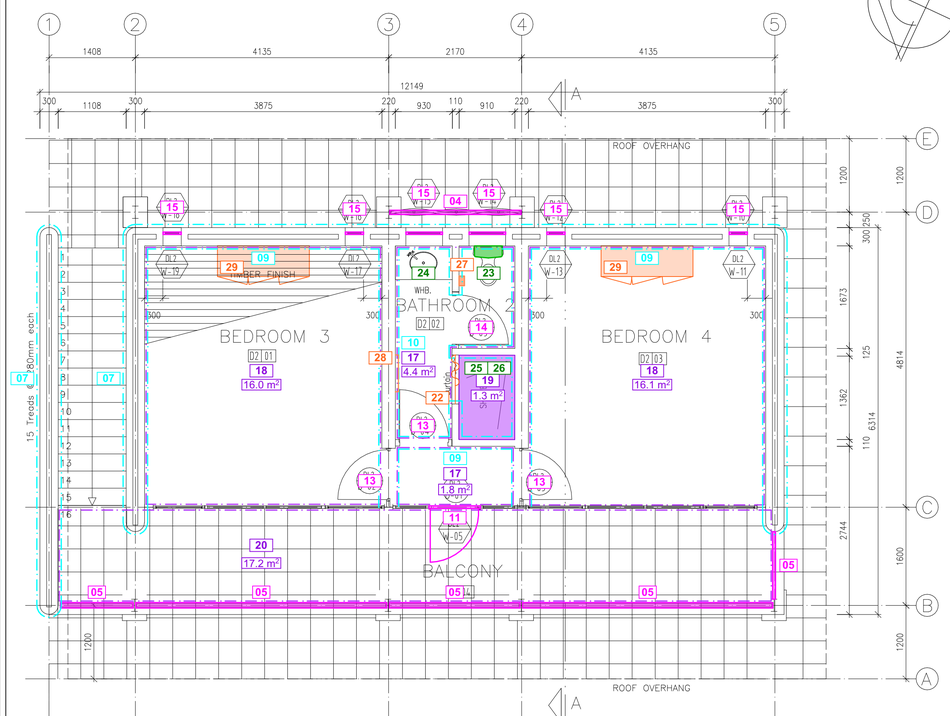
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D1: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.2
rev no.	



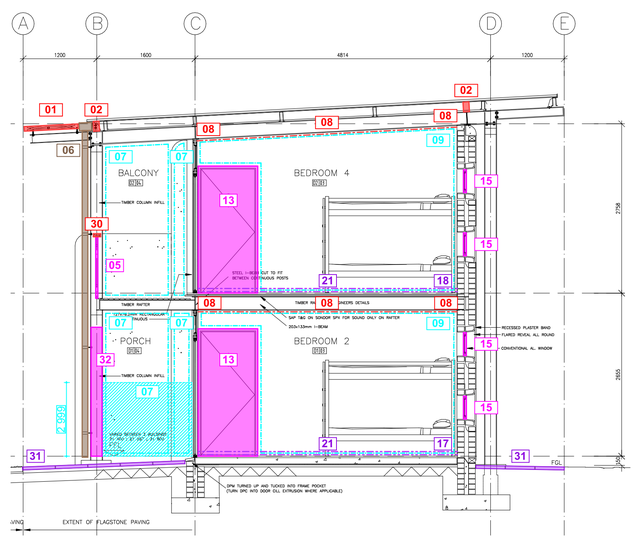
BLOCK D2 - DOUBLE STOREY UNIT - GROUND FLOOR PLAN

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - FIRST FLOOR PLAN

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
D2	DOUBLE STOREY ACCOMMODATION UNIT 2	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	11.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	17.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	19.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	20.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	21.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	23.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	25.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	26.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	27.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	28.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	29.	To all cupboards: Re- instate existing cupboard hinges
HAND RAILS	30.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	31.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	32.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

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general notes

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All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
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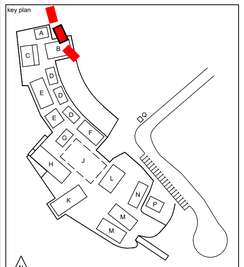
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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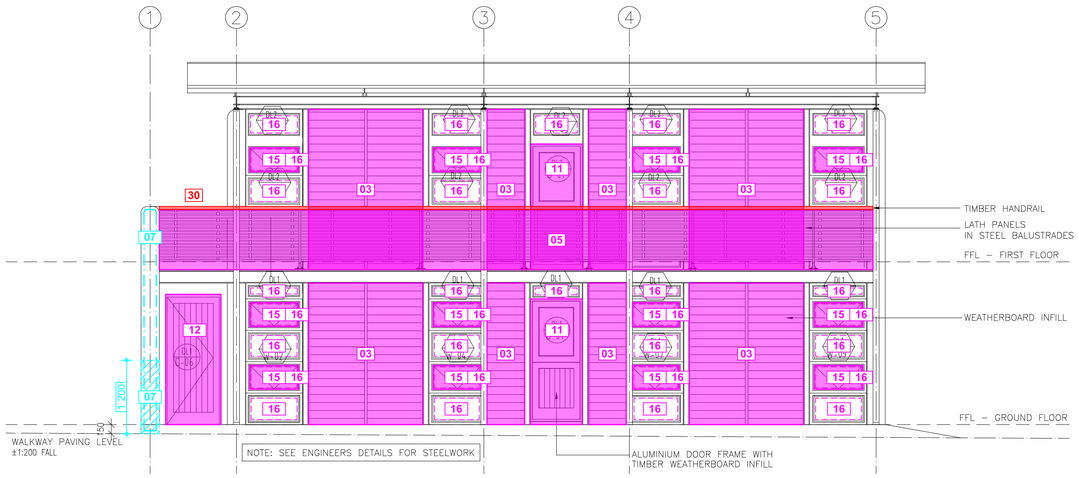
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MR. MZIWONKE DLABANTU

INTSIKA architects

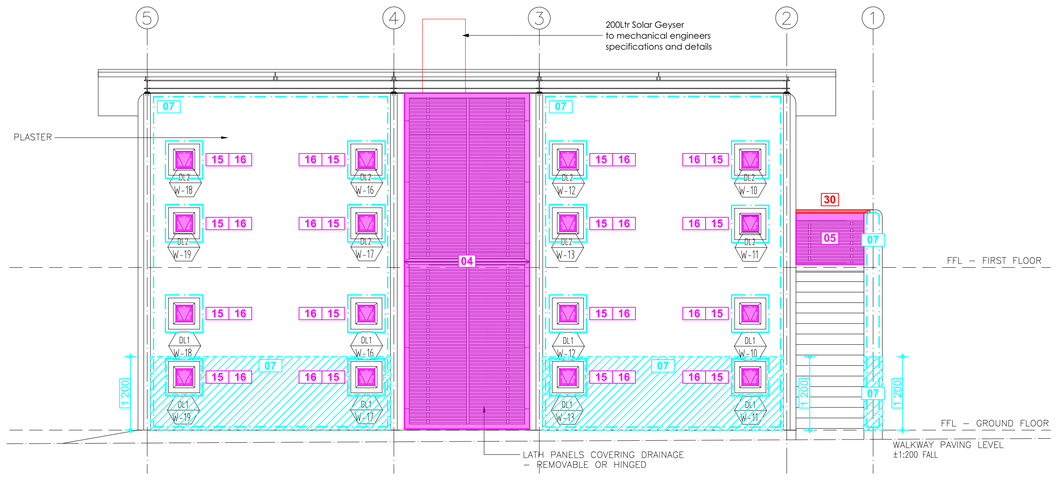
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D2: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.3
rev no.	



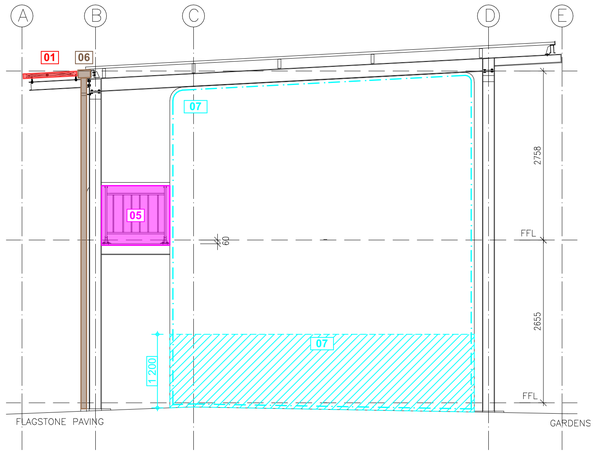
BLOCK D2 - DOUBLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



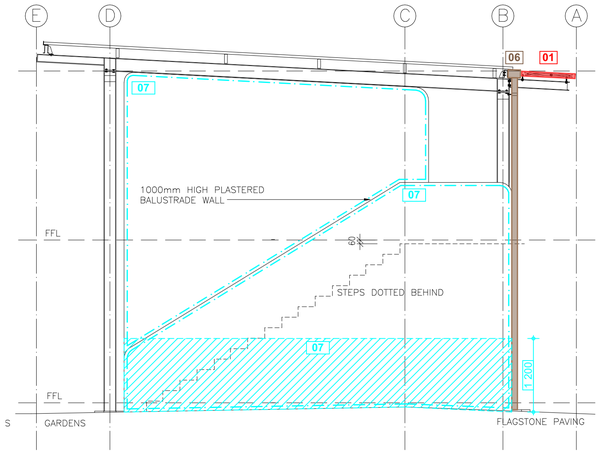
BLOCK D2 - DOUBLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - SOUTH EAST ELEVATION

SCALE 1 : 50



BLOCK D2 - DOUBLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
D2	DOUBLE STOREY ACCOMMODATION UNIT 2	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	11.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	16.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	17.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	19.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	20.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	21.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	22.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	23.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	25.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	26.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	27.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	28.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	29.	To all cupboards: Re- instate existing cupboard hinges
HAND RAILS	30.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	31.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	32.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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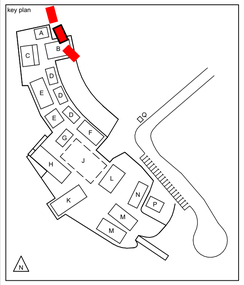
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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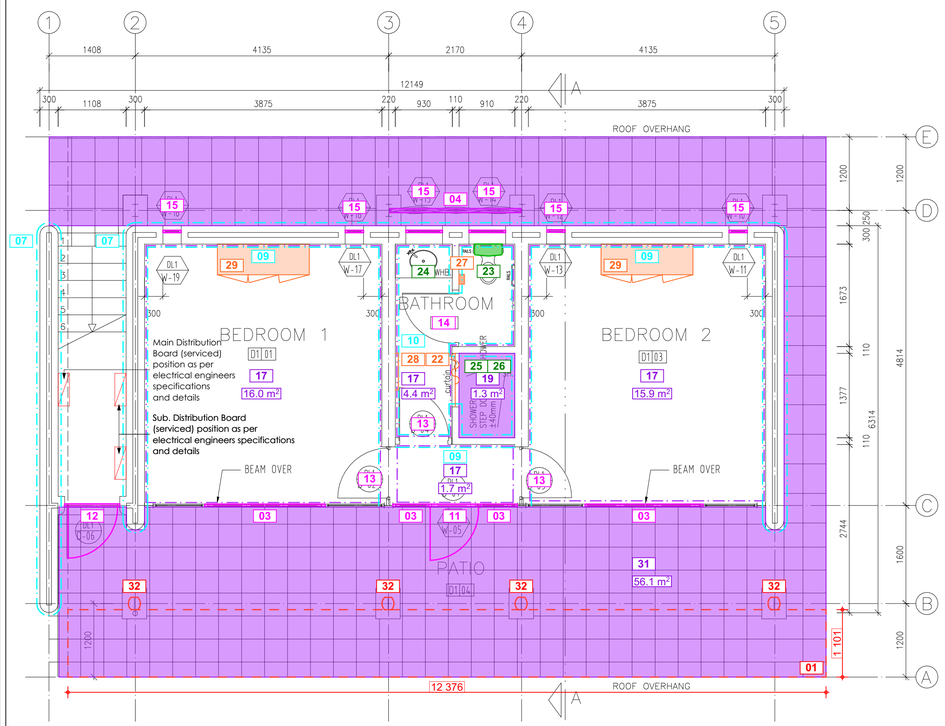
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

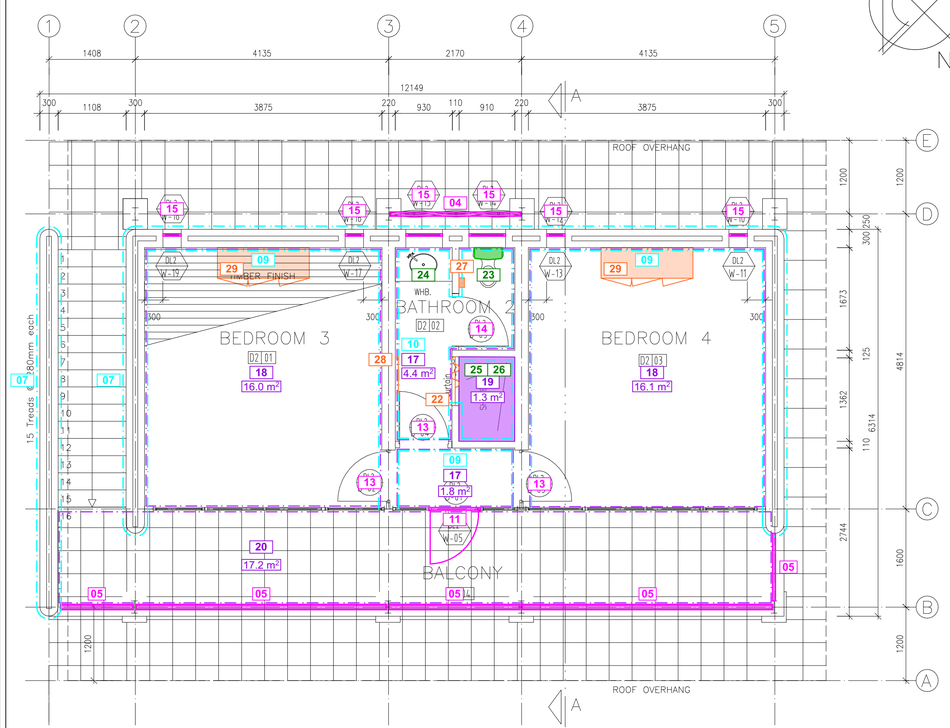
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D2: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.4
rev no.	



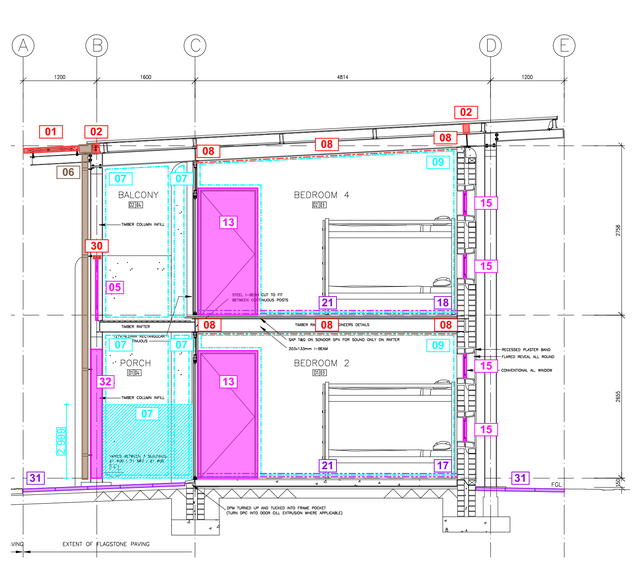
BLOCK D3 - DOUBLE STOREY UNIT - GROUND FLOOR PLAN

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - FIRST FLOOR PLAN

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
D3	DOUBLE STOREY ACCOMMODATION UNIT 3

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
	8.	Hack off plaster on north west staircase. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern to height of 1200 to match other walls Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	9.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	13.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	14.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	15.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	16.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	17.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	18.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	19.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	20.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	21.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	22.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	23.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	24.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	25.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	26.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	27.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	28.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	29.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	30.	To all cupboards: Re- instate existing cupboard hinges
HAND RAILS	31.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	32.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	33.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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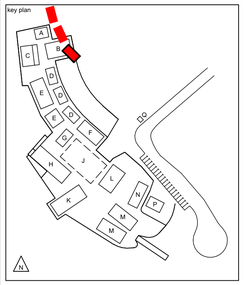
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Mechanical Engineer:
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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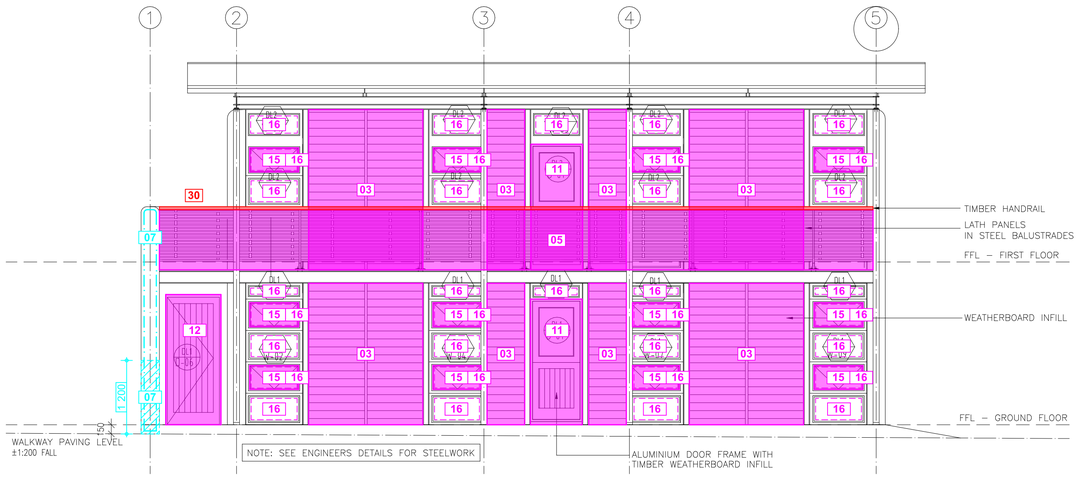
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

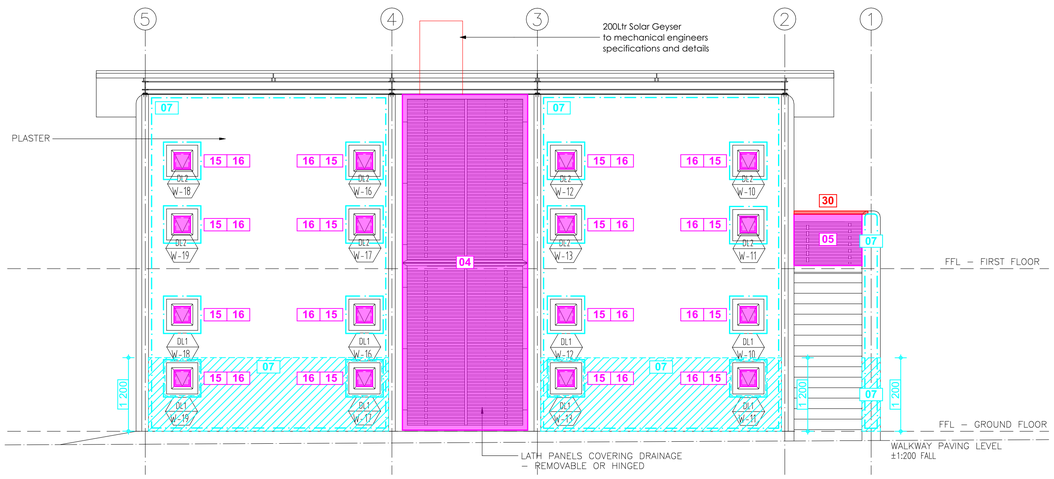
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D3: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
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rev no.	



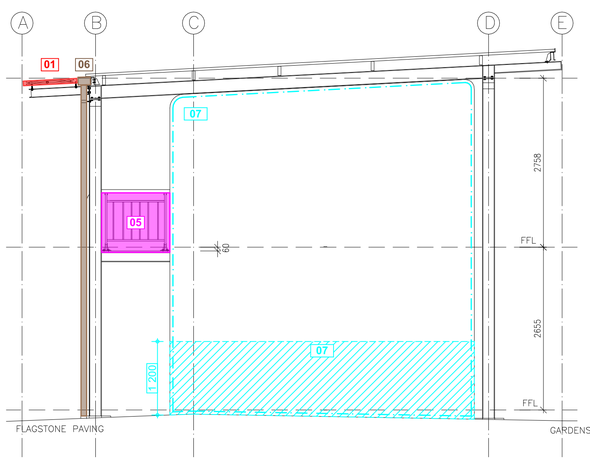
BLOCK D3 - DOUBLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



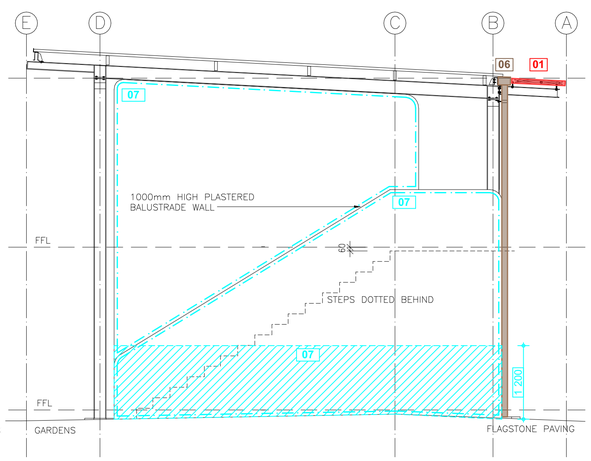
BLOCK D3 - DOUBLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - SOUTH EAST ELEVATION

SCALE 1 : 50



BLOCK D3 - DOUBLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION
D3	DOUBLE STOREY ACCOMMODATION UNIT 3

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
LATTICE SCREENS TO DECK BALUSTRADES REFER GMS 3	5.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
	8.	Hack off plaster on north west staircase. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern to height of 1200 to match other walls Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	9.	Refix loose timber cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Remove existing timber doors. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	13.	To hotwater cylinder room. Clean down sand lightly and repaint 2 coats universal enamel.
INTERNAL TIMBER DOORS	14.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	15.	Toilet door: Replace ironmongery with new mortice latch and thumb turn deadbolt with lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	16.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	17.	Replace all rubber seals to shopfront type aluminium glazing beads
FLOOR FINISH	18.	To all colour screeds on entire ground floor and upstairs bathroom and foyer: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	19.	Upper floor: Timber flooring- Sand down existing floor boards to bare timber. Vacuum up any dust. Apply, strictly in accordance with manufacturer's specification, 3 cts waterbased floor sealer as per Manufacturers Waterborne Floor clear matt or equal approved.
	20.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
	21.	Timber deck: Sand down to a matt finish and apply to top and bottom, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
SKIRTINGS	22.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	23.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	24.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	25.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	26.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	27.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	28.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	29.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	30.	To all cupboards: Re- instate existing cupboard hinges
HAND RAILS	31.	Replace existing pine hand rails to balustrades on decks with new 108 x 44 meranti hardwood rail with profile to match existing and secured to balustrade frame. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	32.	Remove existing lifting and loose approx. 400 x 400 concrete paving blocks and set aside for reuse. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	33.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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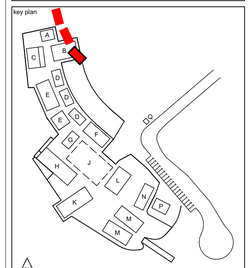
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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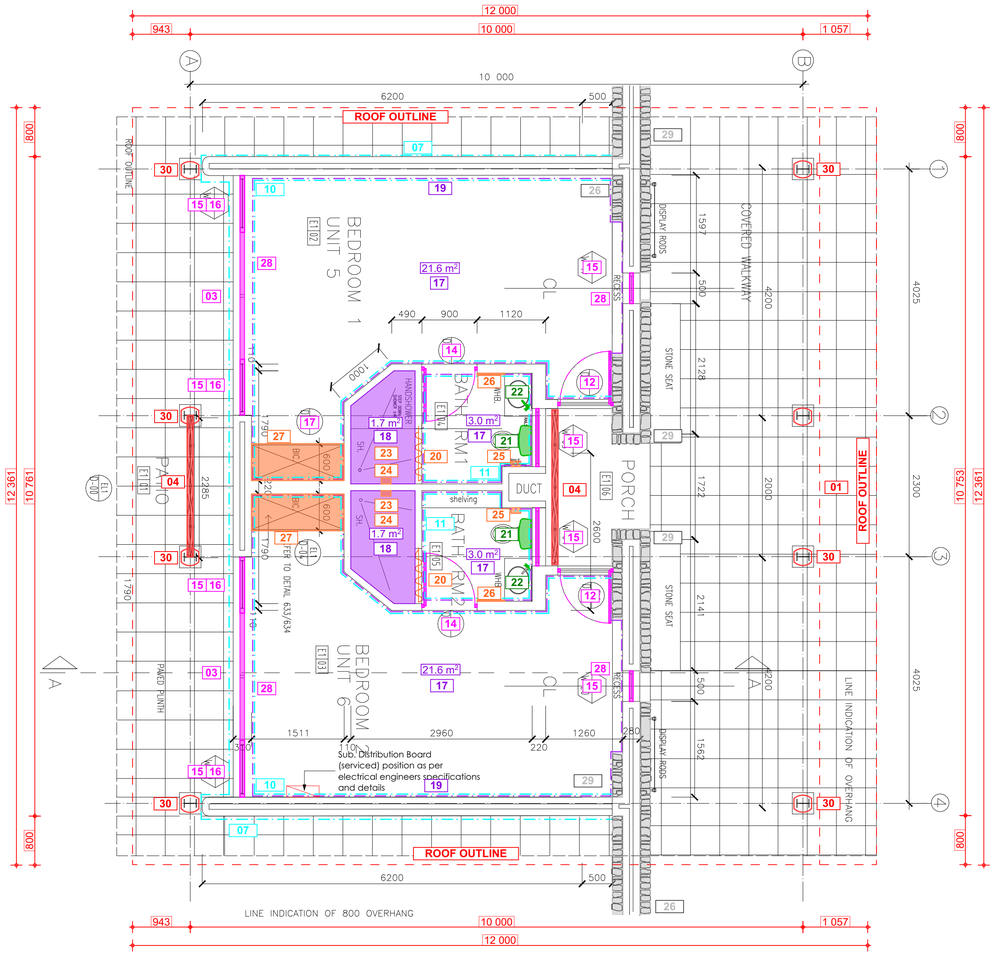
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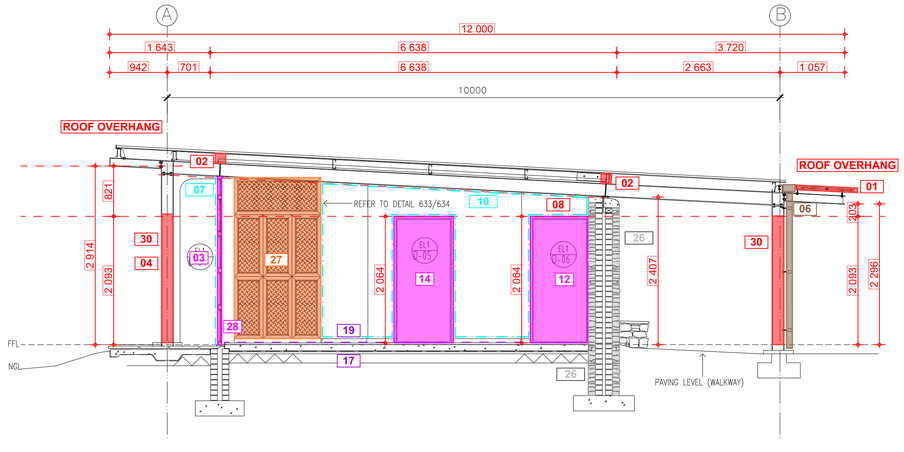
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK D - DOUBLE STOREY UNIT** D3: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.04.6
rev no.	



BLOCK E1 - SINGLE STOREY UNIT - FLOOR PLAN

SCALE 1 : 50



BLOCK E1 - SINGLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
E1	SINGLE STOREY ACCOMMODATION UNIT 1 (Semidetached with E2)	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
TIMBER INFILL TO STEEL COLUMNS	30.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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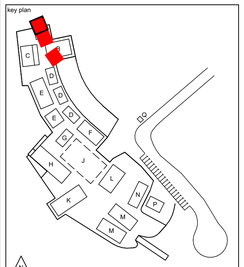
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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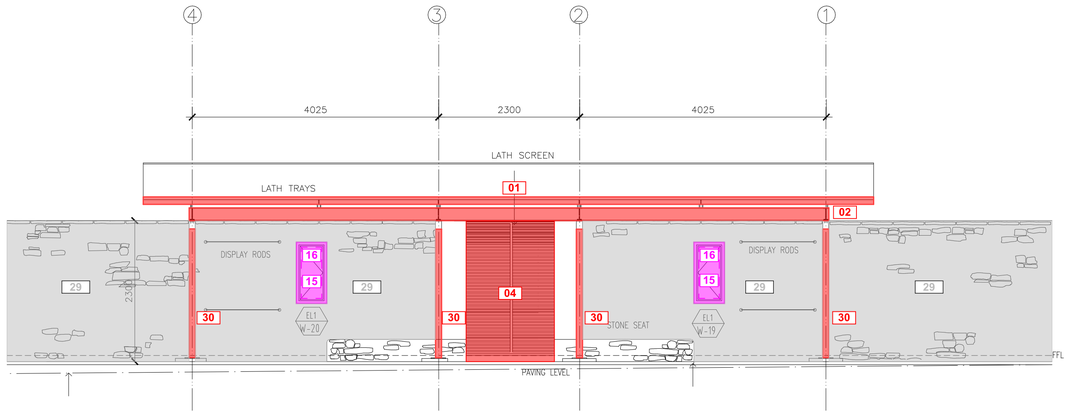
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

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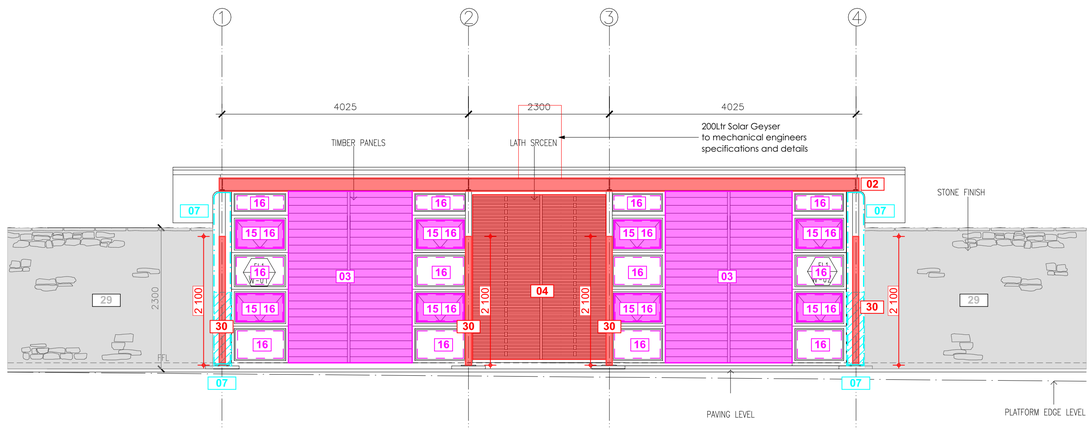
discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E1: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.1
rev no.	

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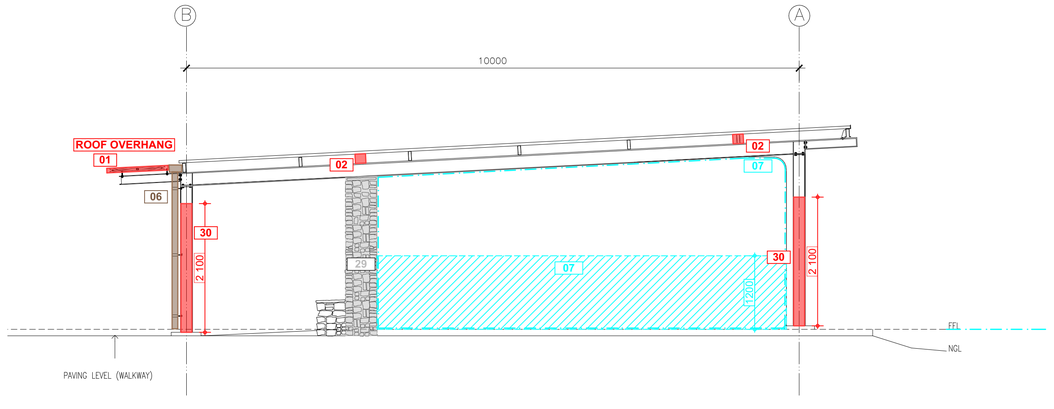
BLOCK E1 - SINGLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK E1 - SINGLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK E1 - SINGLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
E1	SINGLE STOREY ACCOMMODATION UNIT 1 (Semidetached with E2)	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
TIMBER INFILL TO STEEL COLUMNS	30.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved



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general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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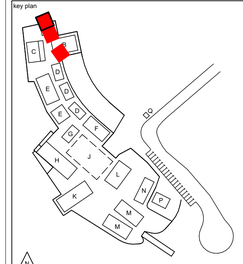
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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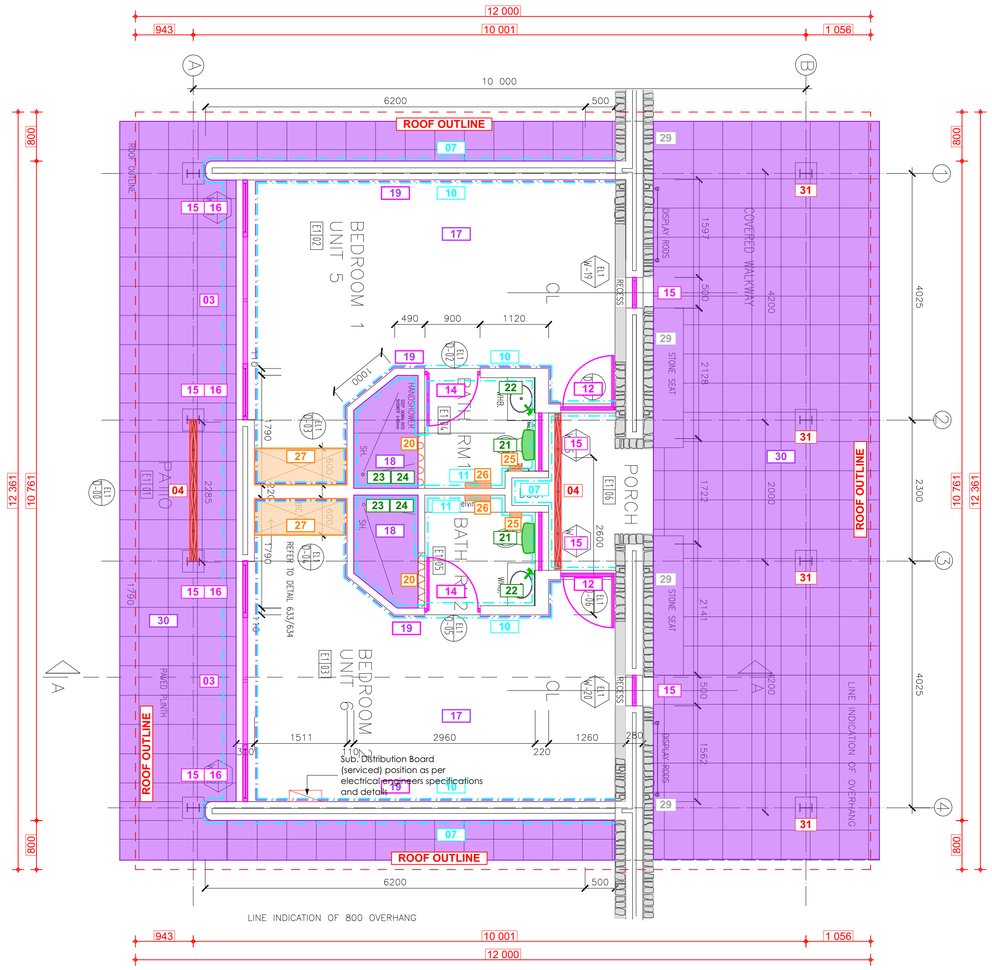
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Public Works
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

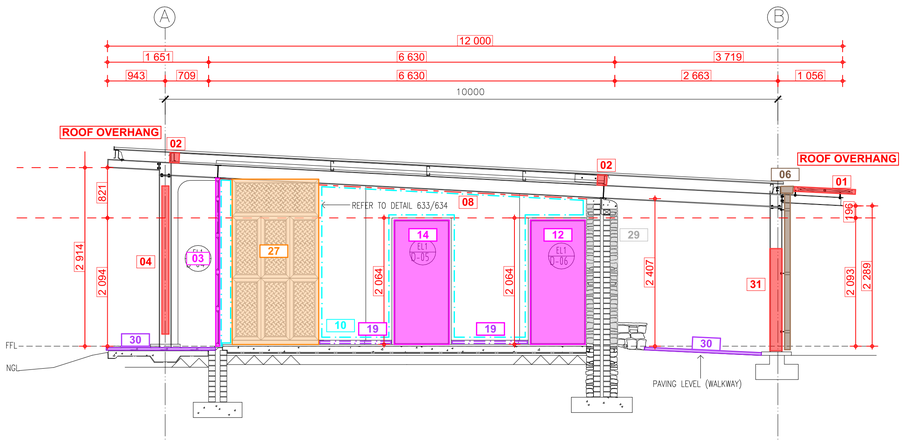
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E1: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.2
rev no.	



BLOCK E2 - SINGLE STOREY UNIT - FLOOR PLAN

SCALE 1 : 50



BLOCK E2 - SINGLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
E2	SINGLE STOREY ACCOMMODATION UNIT 2 (Semidetached with E1)	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU: 076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
EXTERNAL PAVED APRON	30.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 4400 x 1200. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.



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general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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All trenches to inspected by a Local Authority Building Inspector,

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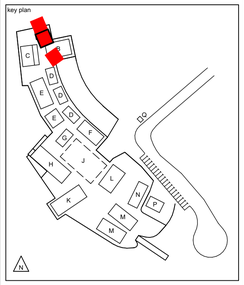
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E-mail: jabu@carifro.com

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other notes

NO	DATE	AMMENDMENT	DPW

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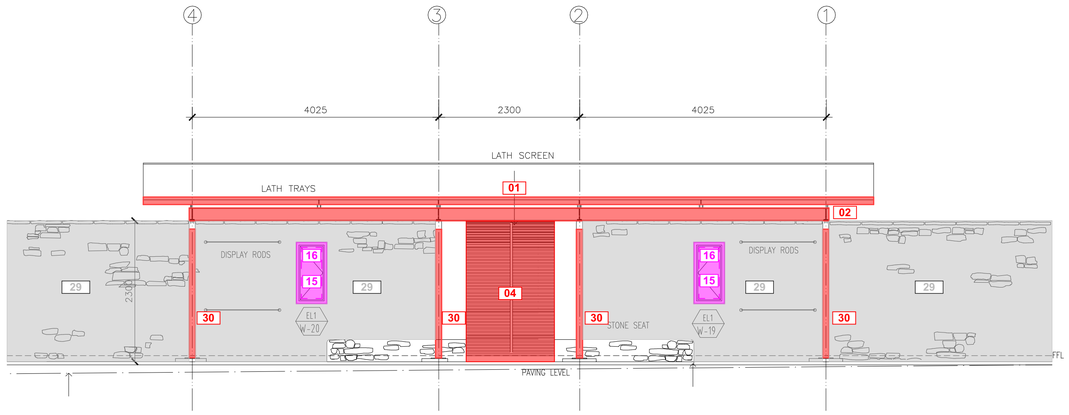
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

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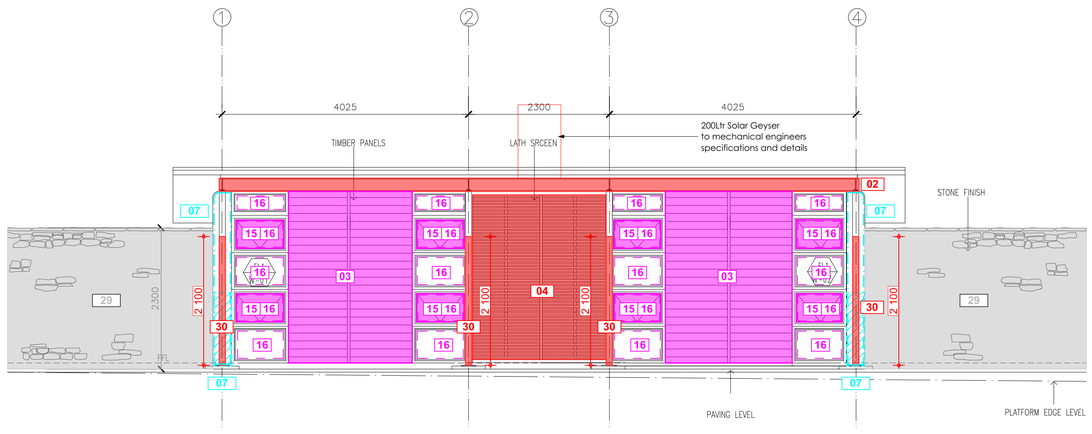
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E2: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.3
rev no.	



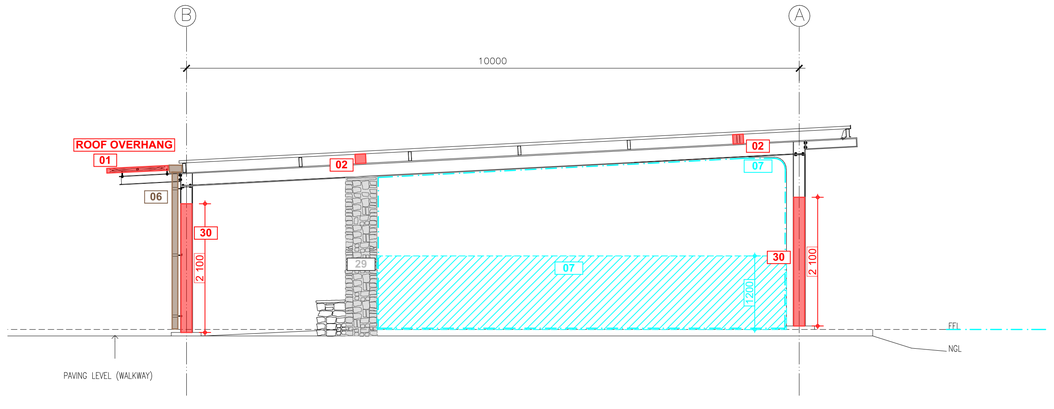
BLOCK E2 - SINGLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK E2 - SINGLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK E2 - SINGLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
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RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
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	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
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TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.

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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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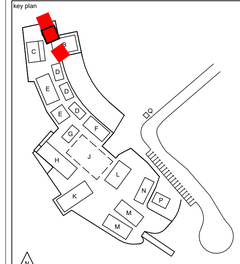
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NO	DATE	AMMENDMENT	DPW

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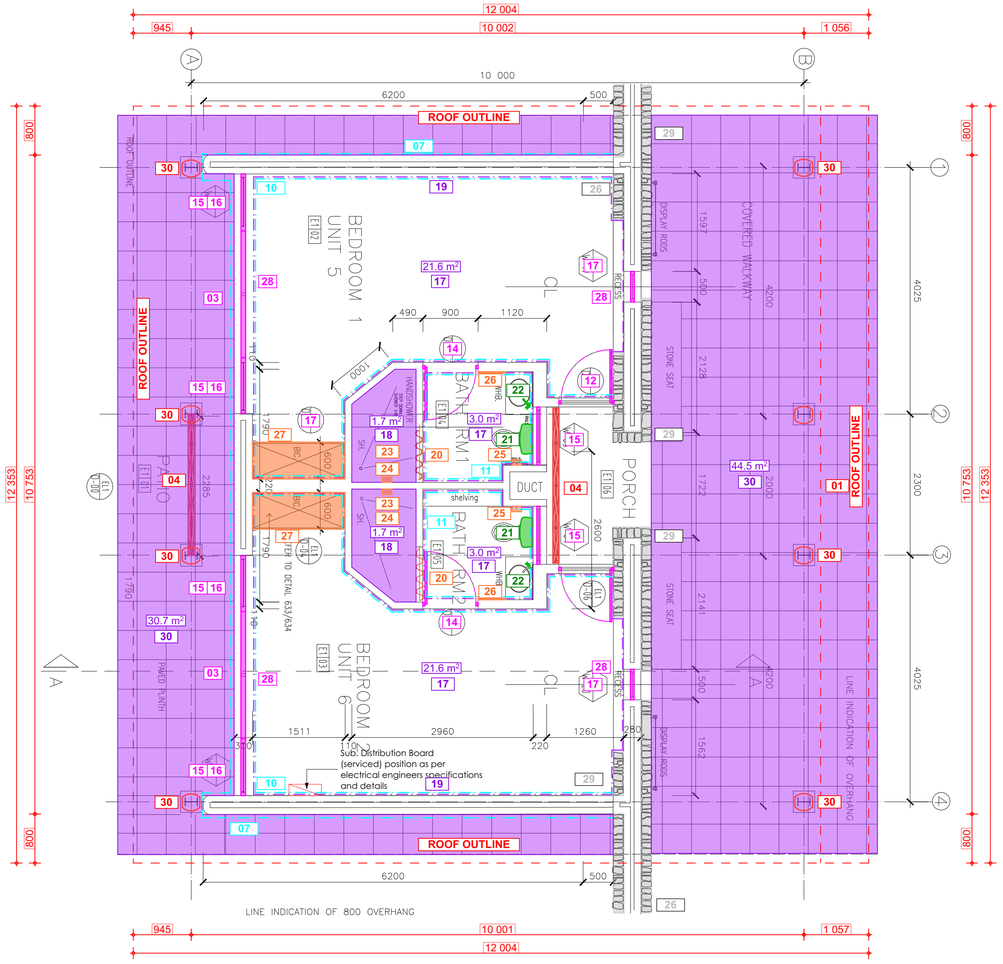
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MR. MZIWONKE DLABANTU

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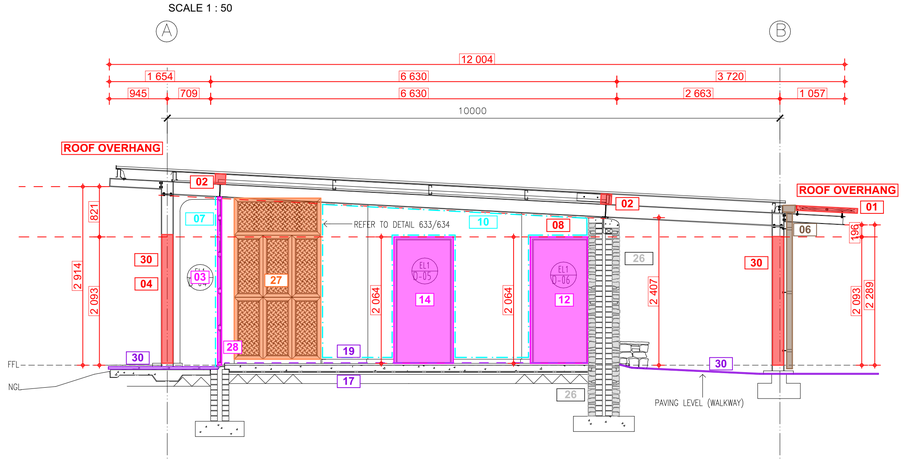
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E2: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.4
rev no.	



BLOCK E3 - SINGLE STOREY UNIT - FLOOR PLAN

SCALE 1 : 50



BLOCK E3 - SINGLE STOREY UNIT - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
E3	SINGLE STOREY ACCOMMODATION UNIT 3	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
EXTERNAL PAVED APRON	30.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 4400 x 1200. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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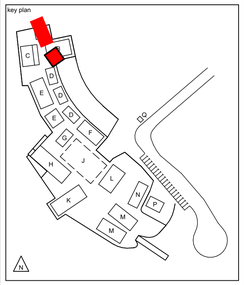
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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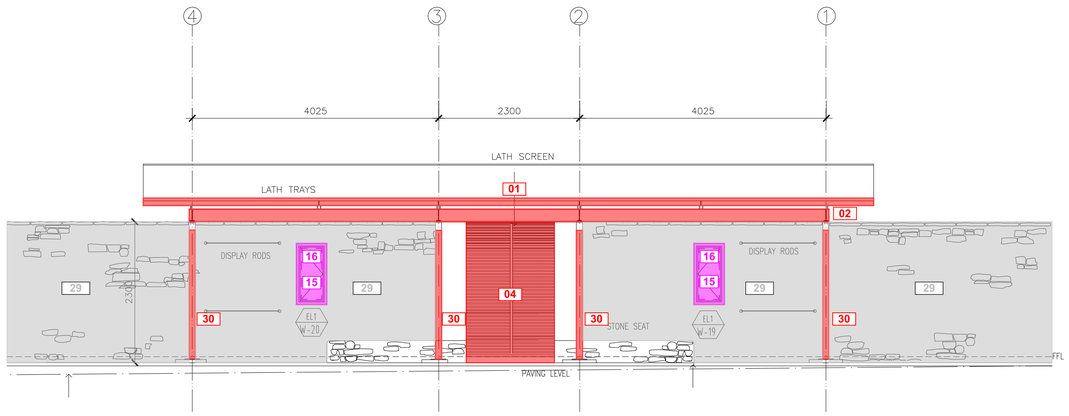
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

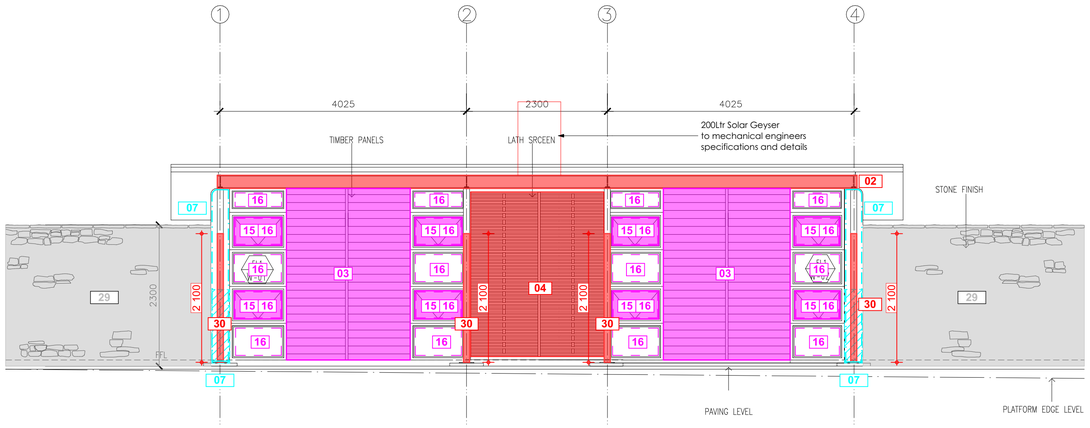
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E3: FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.5
rev no.	



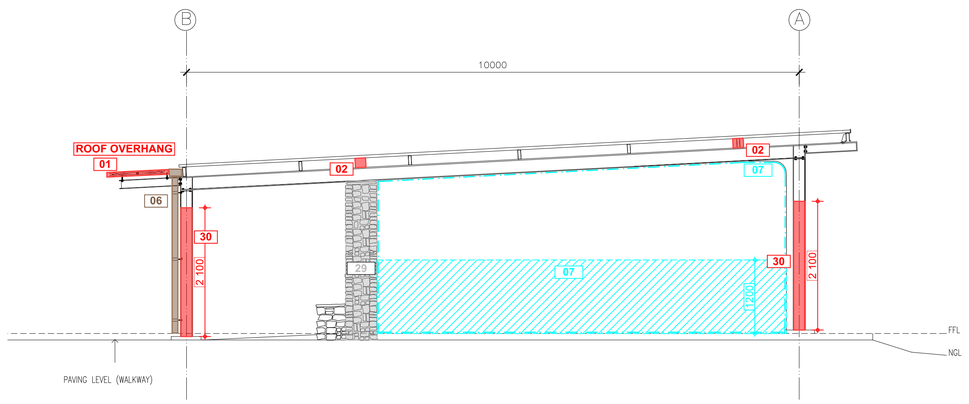
BLOCK E3 - SINGLE STOREY UNIT - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK E3 - SINGLE STOREY UNIT - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK E3 - SINGLE STOREY UNIT - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
E3	SINGLE STOREY ACCOMMODATION UNIT 3	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Remove plaster by angle grinding a straight line at 1200 height above floor level and hacking off below. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Apply 2 coats resin bonded plaster with random pattern. Clean down , stop and prepare painted plastered walls above as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Refit loose cornices. Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing timber lattice ceiling on verandah. Apply in strict accordance with manufacturer's specification, 2 coats exterior quality varnish as per Manufacturers Woodcare Sunproof varnish or equal approved. Light sanding between coats.
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	11.	In Bathrooms Clean down existing slate tiled walls and skirtings
EXTERNAL TIMBER DOORS	12.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	13.	Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
	14.	Toilet door: Replace all mortice locks and ironmongery with new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	15.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. .
	16.	Replace all rubber seals to shopfront type aluminium glazing beads. Seal around edge of all shopfront frames with silicon sealant
FLOOR FINISH	17.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	18.	In showers: Remove existing mosaic floor. Lay new 48 x48 quartzite mosaic in propriety cementitious waterproof adhesive. Joints filled with propriety waterproof grout. Mosaic equal to Tile Code Quomosgranata 300 or other approved.
SKIRTINGS	19.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	20.	Remove existing c.p shower curtain rails. Replace with new 19mm diameter c.p. shower curtain rail with c.p. end brackets screwed to walls.
	21.	Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	22.	Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved.
	23.	Replace shower tap heads with new 15mm c.p. taps having hot and cold water colour indicators equal to Ledimo shower taps
	24.	Replace shower roses to existing shower extension arms with new c.p one function showerhead, having anti-lime nipples and water saving flow restriction to 9L / min equal to Cobra Nitro code SKU:076-Nitro or equal approved.
	25.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Fit 600 long. 19mm diameter c.p. towel rail with c.p end brackets screwed to walls.
JOINERY	27.	To all cupboards: Re- instate existing cupboard hinges
WINDOW THRESHOLD	28.	Hack up and replaster threshold below shopfront.
ALL STONEWORK WALLS	29.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.
EXTERNAL PAVED APRON	30.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 4400 x 1200. Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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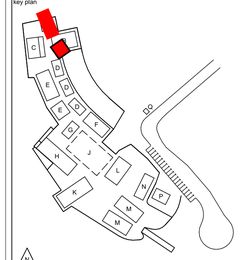
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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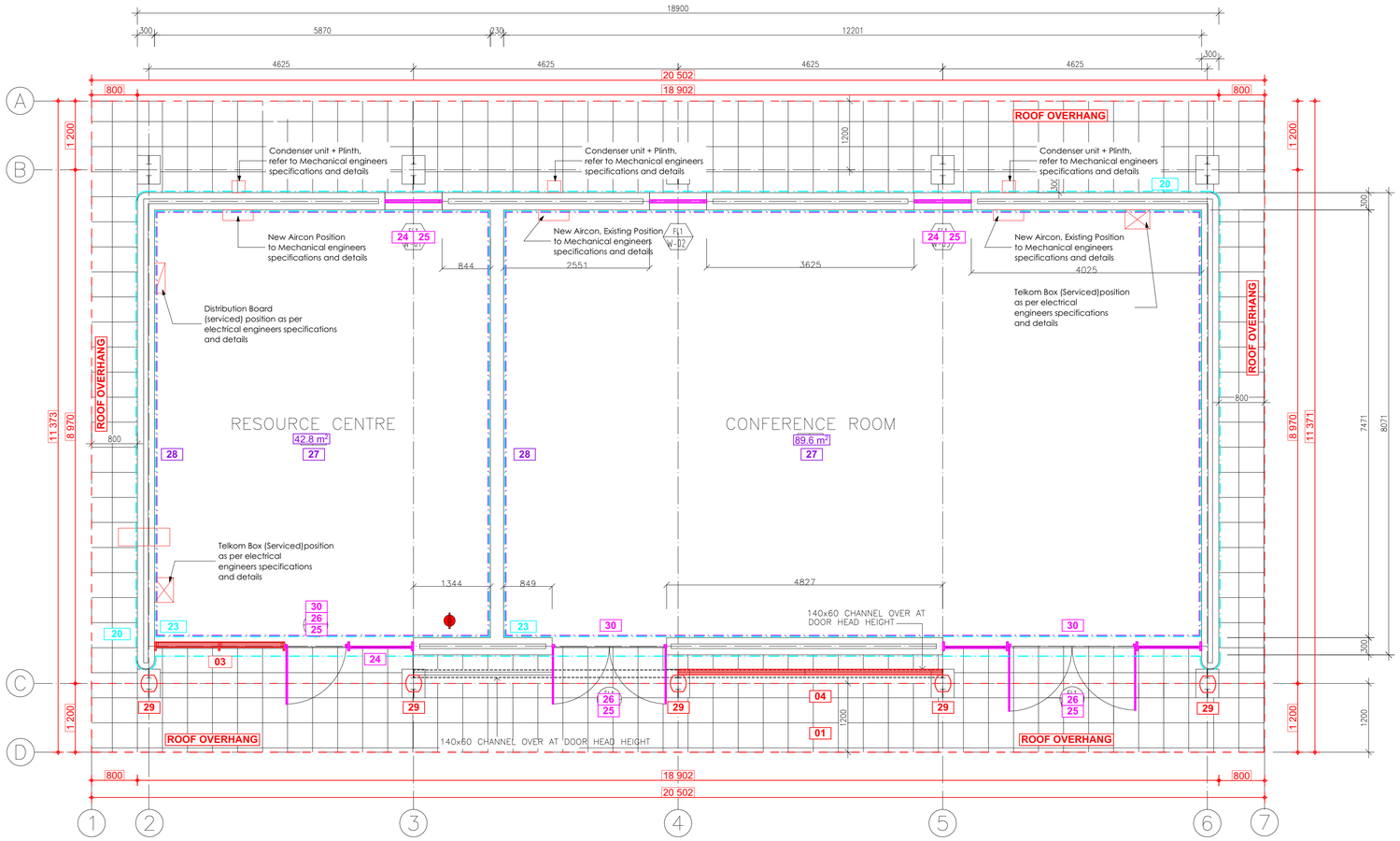
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

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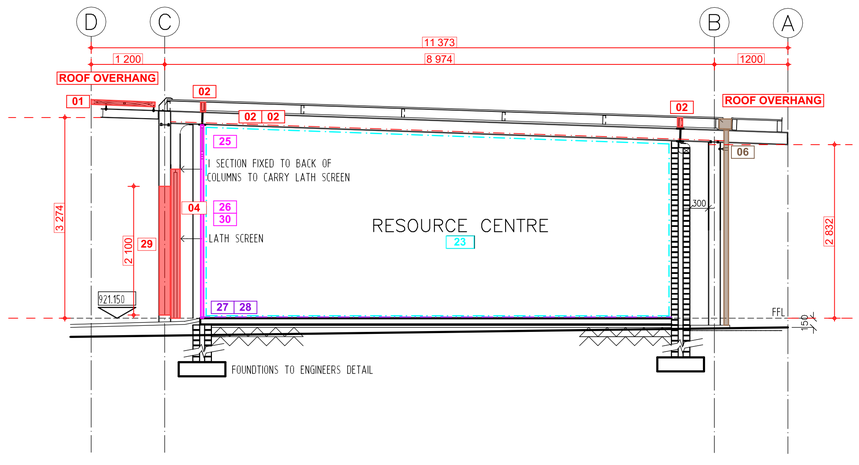
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK E - SINGLE STOREY UNIT** E3: ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.05.6
rev no.	



BLOCK F - RESOURCE CENTRE - FLOOR PLAN

SCALE 1 : 50



BLOCK F - RESOURCE CENTRE - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
F	RESOURCE / CONFERENCE CENTRE

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	20.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	21.	Refix existing loose timber cornices to T&G ceiling.
	22.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	23.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
ALUMINIUM WINDOWS AND DOORS	24.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	25.	Replace all rubber seals to shopfront type aluminium glazing beads
	26.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	27.	Remove existing carpet tile floor covering. Remove all glue /adhesive. Lay new broadloom loop pile carpet on 30g/m2 underfelt
SKIRTINGS	28.	Fit new 75mm x 19mm back trenched s.a pine skirting to internal face of southern walls. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	29.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
BLINDS	30.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

N

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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Robert Gillard
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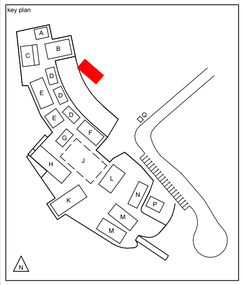
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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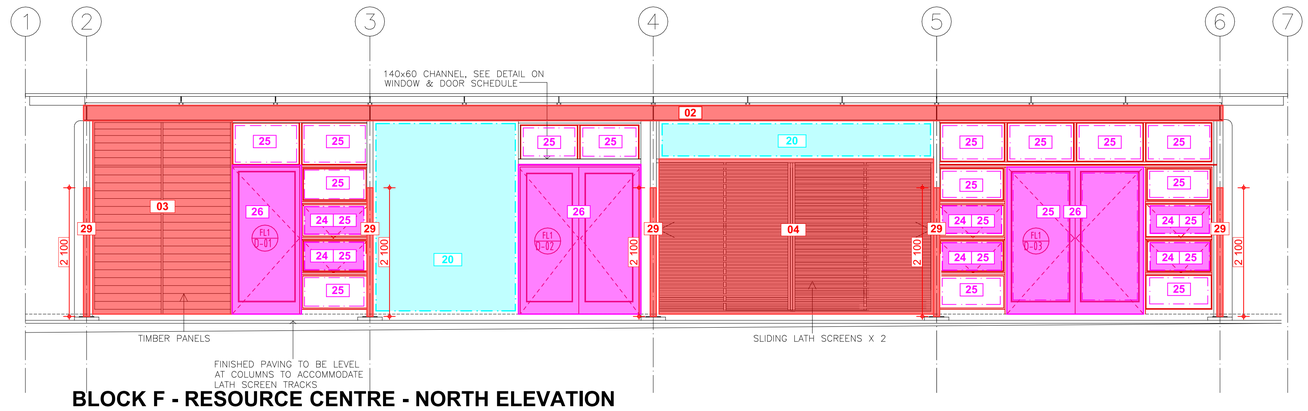
public works
Department:
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REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
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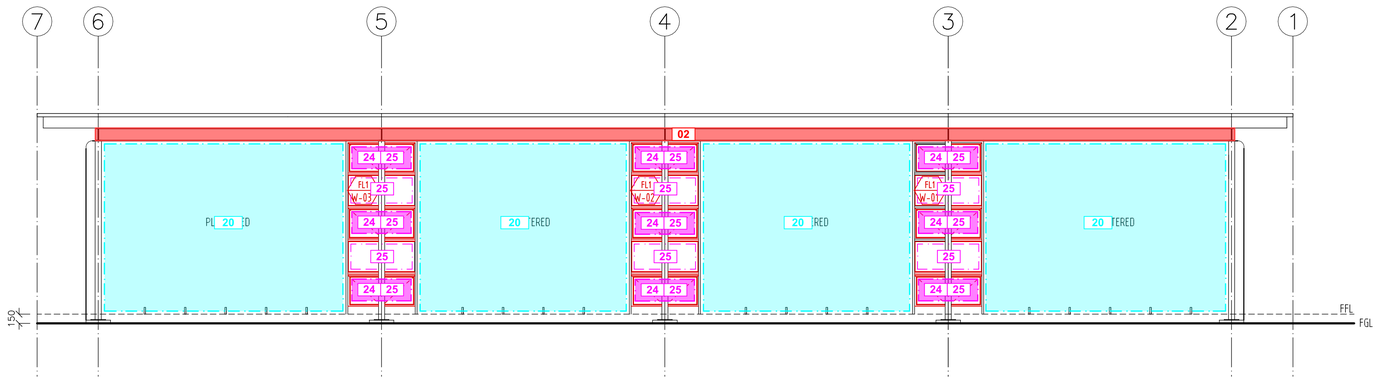
issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	BLOCK F - RESOURCE CENTRE FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.06.1
rev no.	



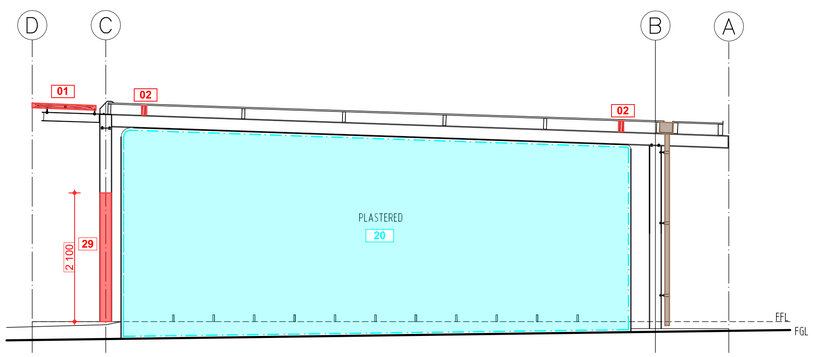
BLOCK F - RESOURCE CENTRE - NORTH ELEVATION

SCALE 1 : 50



BLOCK F - RESOURCE CENTRE - SOUTH ELEVATION

SCALE 1 : 50



BLOCK F - RESOURCE CENTRE - EAST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
F	RESOURCE / CONFERENCE CENTRE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	20.	Clean down , stop and prepare painted plastered walls as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	21.	Refix existing loose timber cornices to T&G ceiling.
	22.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	23.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
ALUMINIUM WINDOWS AND DOORS	24.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	25.	Replace all rubber seals to shopfront type aluminium glazing beads
	26.	Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	27.	Remove existing carpet tile floor covering. Remove all glue /adhesive. Lay new broadloom loop pile carpet on 30g/m2 underfelt
SKIRTINGS	28.	Fit new 75mm x 19mm back trenched s.a pine skirting to internal face of southern walls. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	29.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
BLINDS	30.	Remove existing roller blinds. Fit new blinds by specialist. (provisional sum)(design supply and fit)

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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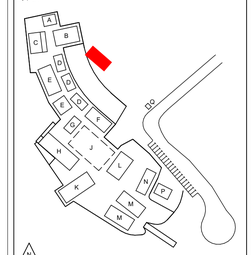
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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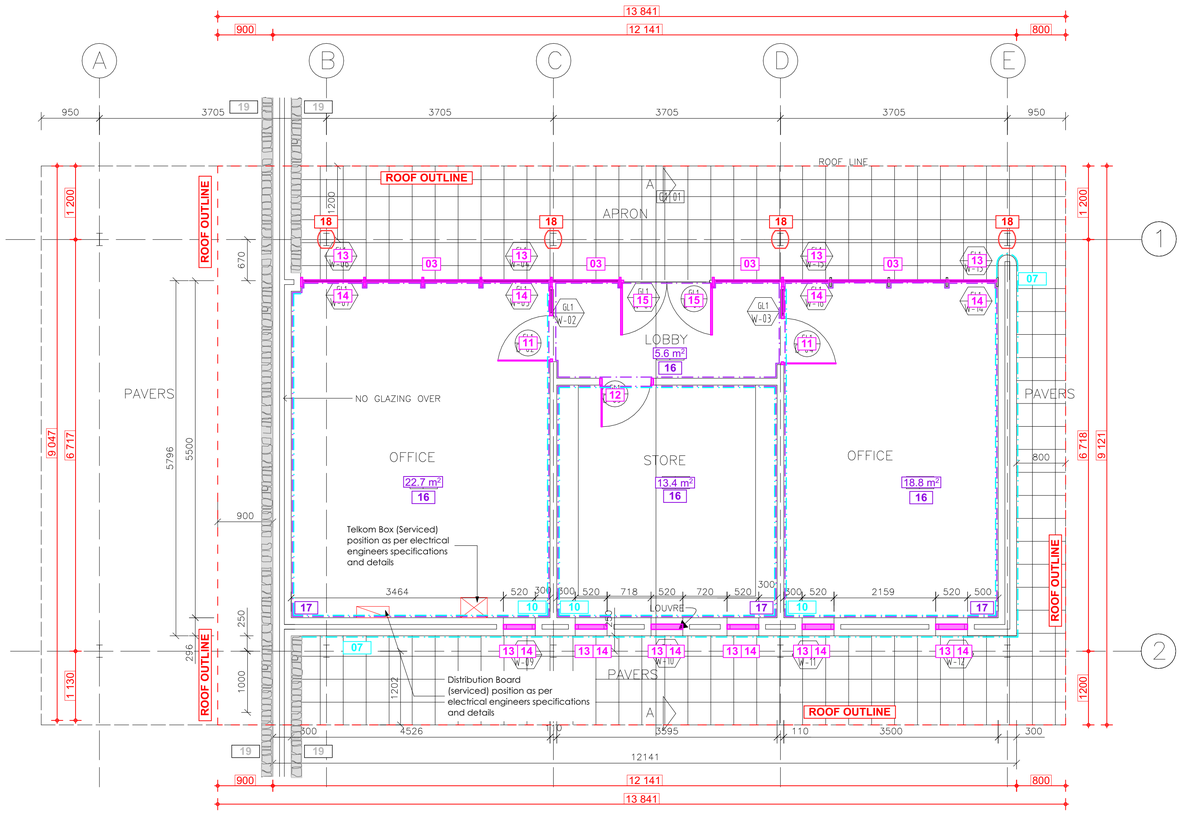
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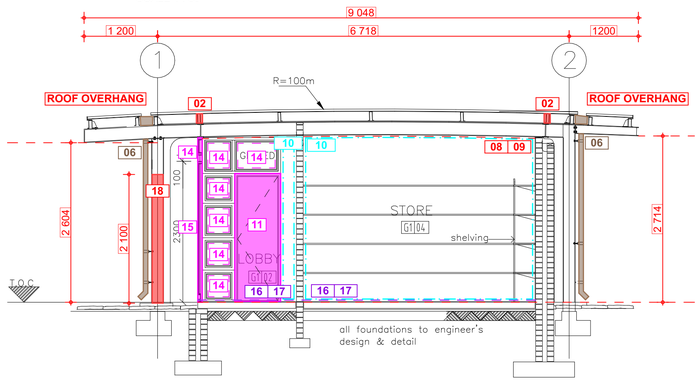
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK F - RESOURCE CENTRE** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.06.2
rev no.	



BLOCK G - ADMINISTRATION OFFICE - FLOOR PLAN

SCALE 1 : 50



BLOCK G - ADMINISTRATION OFFICE - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
G	ADMINISTRATION OFFICE	
ITEM	**CODE**	**SPECIFICATION**
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down, patch, prepare and prime plastered wall as per paint manufacturer's specification Apply 1 coat alkali resistant plaster primer Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing
CEILINGS + CORNICES	8.	Replace 44 x18 S.A. pine cornice approx. 3500 long in Office G05. Sand down, clean and prime new timber with timber primer. Allow to dry. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
INTERNAL TIMBER DOORS	11.	Remove existing timber doors to offices. Replace with glazed aluminium door purpose made to fit existing aluminium frame and having top bottom and centre rails and 6.38 laminated safety glass in top and bottom panels to match existing external door. Fit cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	12.	To Store room door: Replace mortice lock and ironmongery with new cylinder mortice lock and lever handle door furniture as per Protea code CB612-09SC. With Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved. Clean down and repaint door and frame 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS AND DOORS	13.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	14.	Replace all rubber seals to shopfront type aluminium glazing beads
	15.	Realign right hand side of outward opening double glass and aluminium door. Fit new stainless steel ball bearing hinges to both doors. Replace door lock and furniture to outward opening aluminium framed door with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	16.	To all colour screeds: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey "Husks of Wheat" Colour 4GCP.
SKIRTINGS	17.	Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
TIMBER INFILL TO STEEL COLUMNS	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturer's specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved.
ALL STONEWORK WALLS	19.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

N

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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key plan

other notes

NO	DATE	AMMENDMENT	DPW

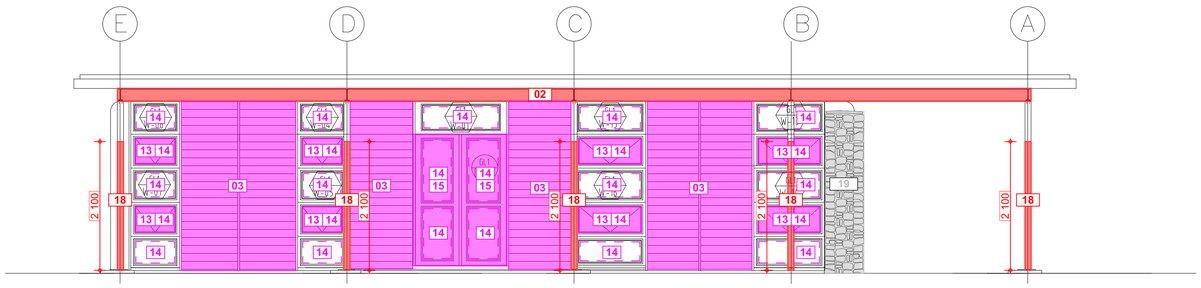
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Department:
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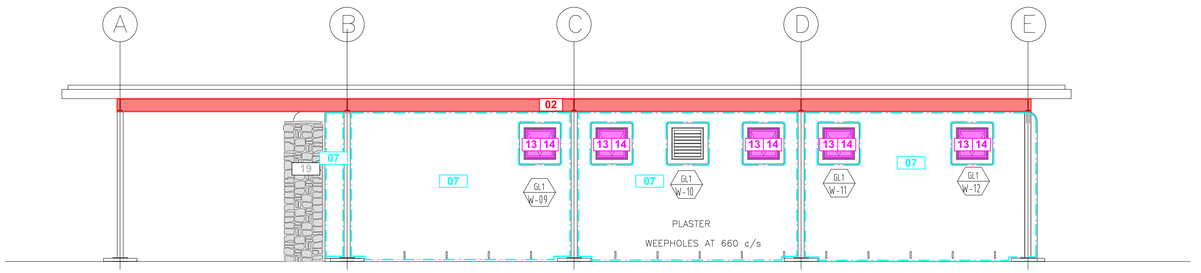
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK G - ADMIN OFFICE** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
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rev no.	



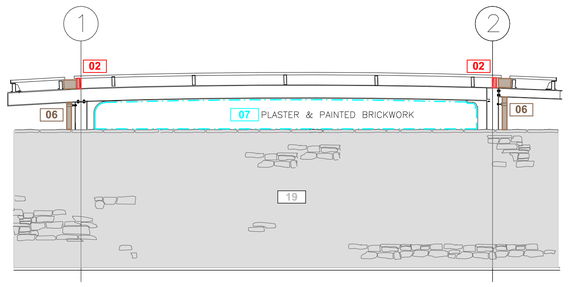
BLOCK G - ADMINISTRATION OFFICE - SOUTH EAST ELEVATION

SCALE 1 : 50



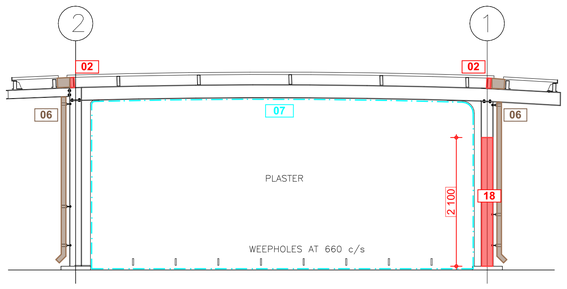
BLOCK G - ADMINISTRATION OFFICE - NORTH WEST ELEVATION

SCALE 1 : 50



BLOCK G - ADMINISTRATION OFFICE - NORTH EAST ELEVATION

SCALE 1 : 50



BLOCK G - ADMINISTRATION OFFICE - SOUTH WEST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

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G	ADMINISTRATION OFFICE	
ITEM	**CODE**	**SPECIFICATION**
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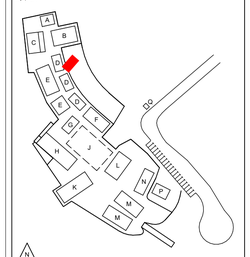
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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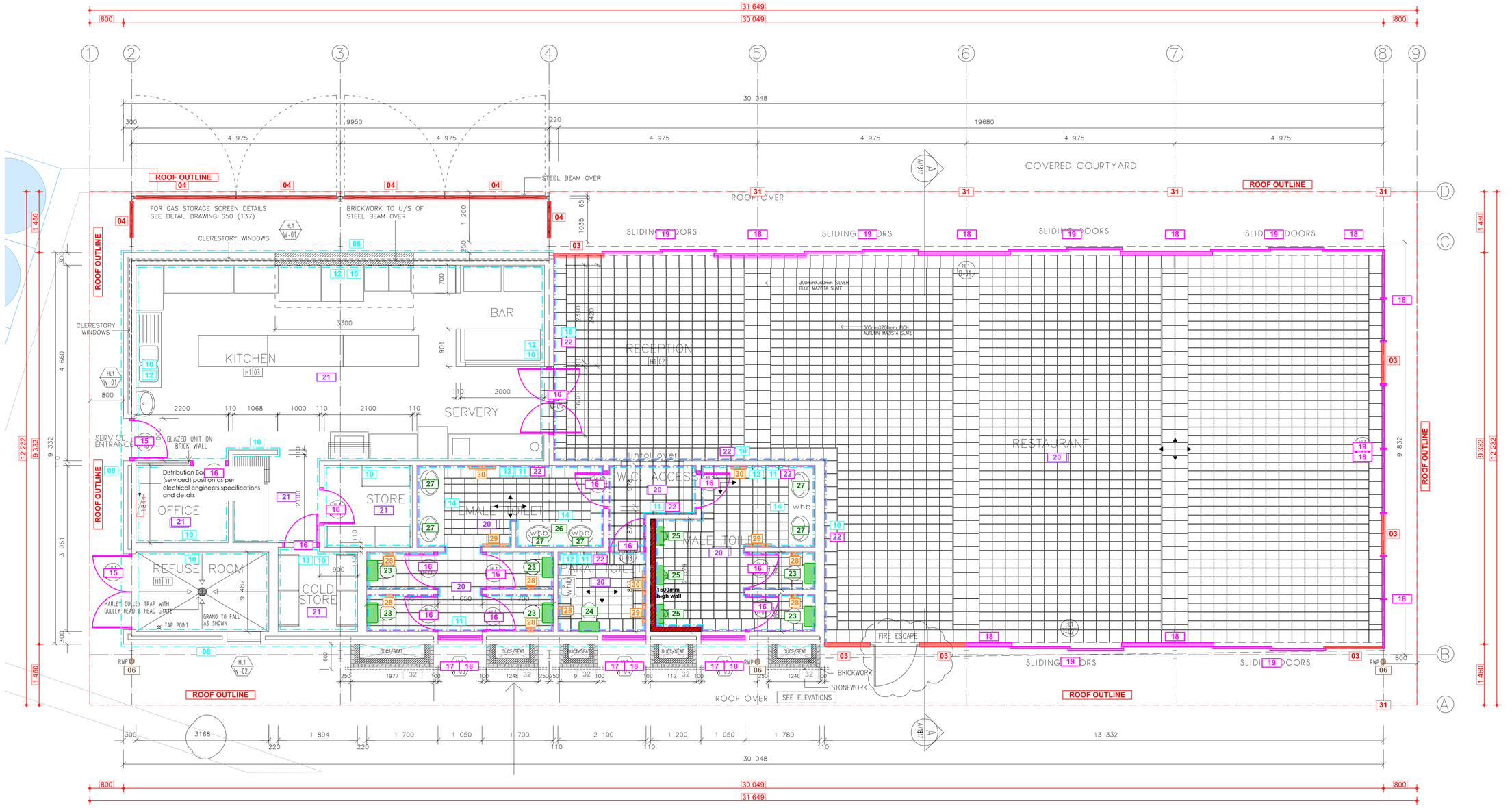
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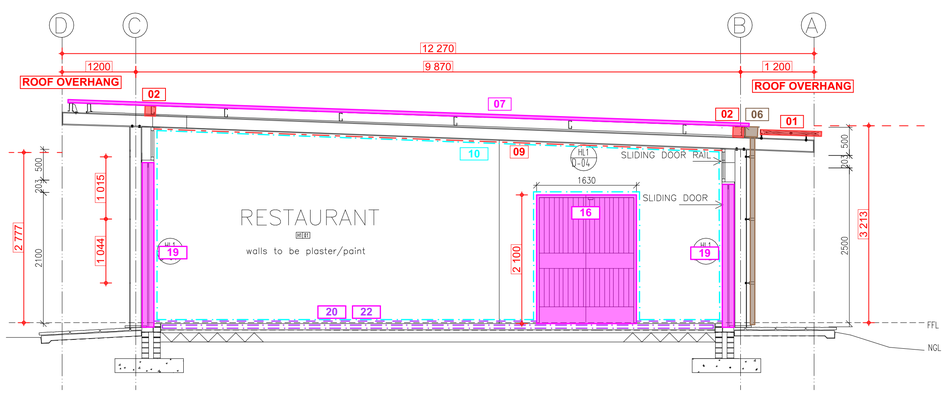
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CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK G - ADMIN OFFICE** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.07.2
rev no.	



BLOCK H - RESTAURANT - FLOOR PLAN

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION

SCALE 1 : 50

0 0.5 1 2 4m

general notes

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All trenches to inspected by a Local Authority Building Inspector,

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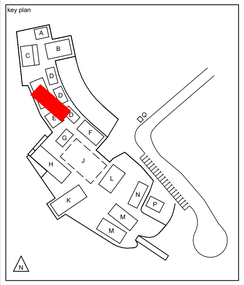
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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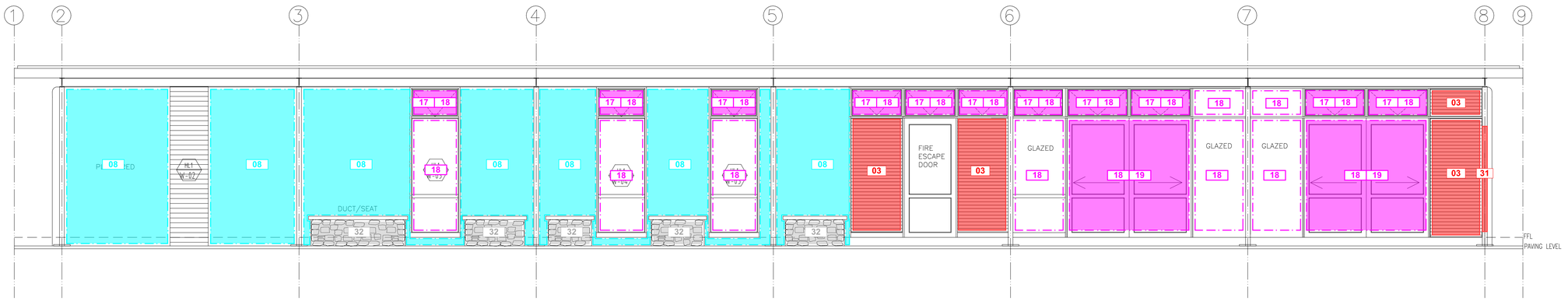
public works
Department: Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

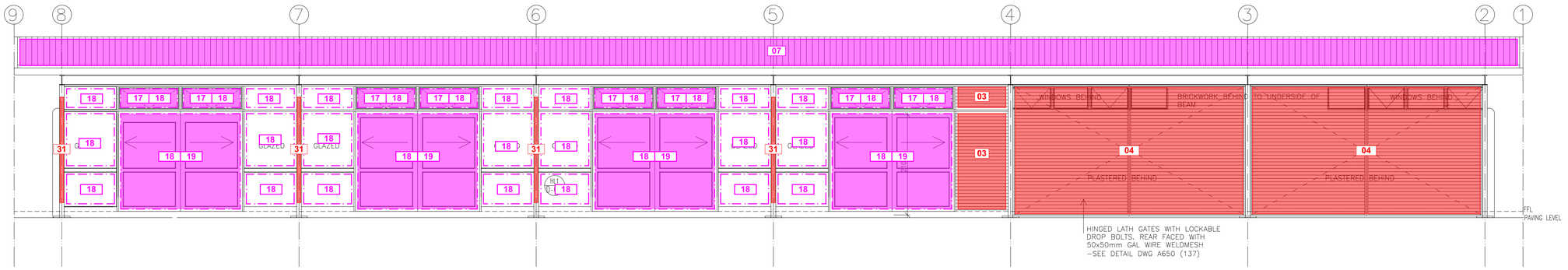
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.1
rev no.	



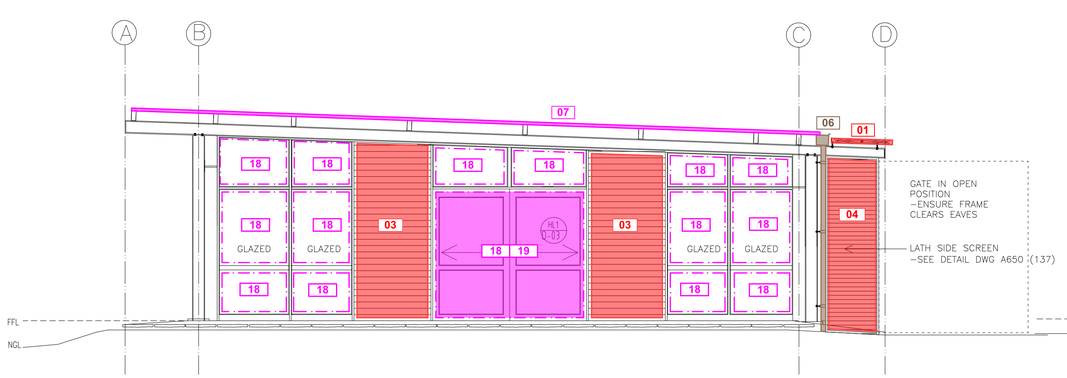
BLOCK H - RESTAURANT - SOUTH ELEVATION

SCALE 1 : 50



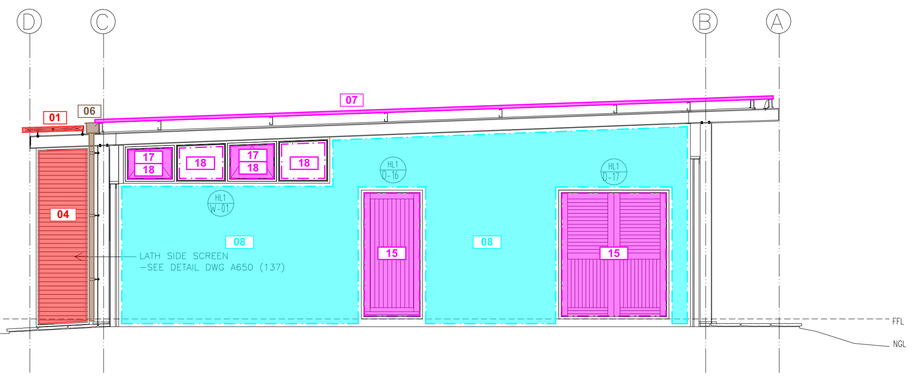
BLOCK H - RESTAURANT - NORTH ELEVATION

SCALE 1 : 50



BLOCK H - RESTAURANT - WEST ELEVATION

SCALE 1 : 50



BLOCK H - RESTAURANT - EAST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

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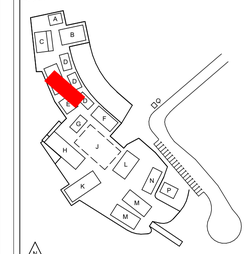
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key plan



other notes

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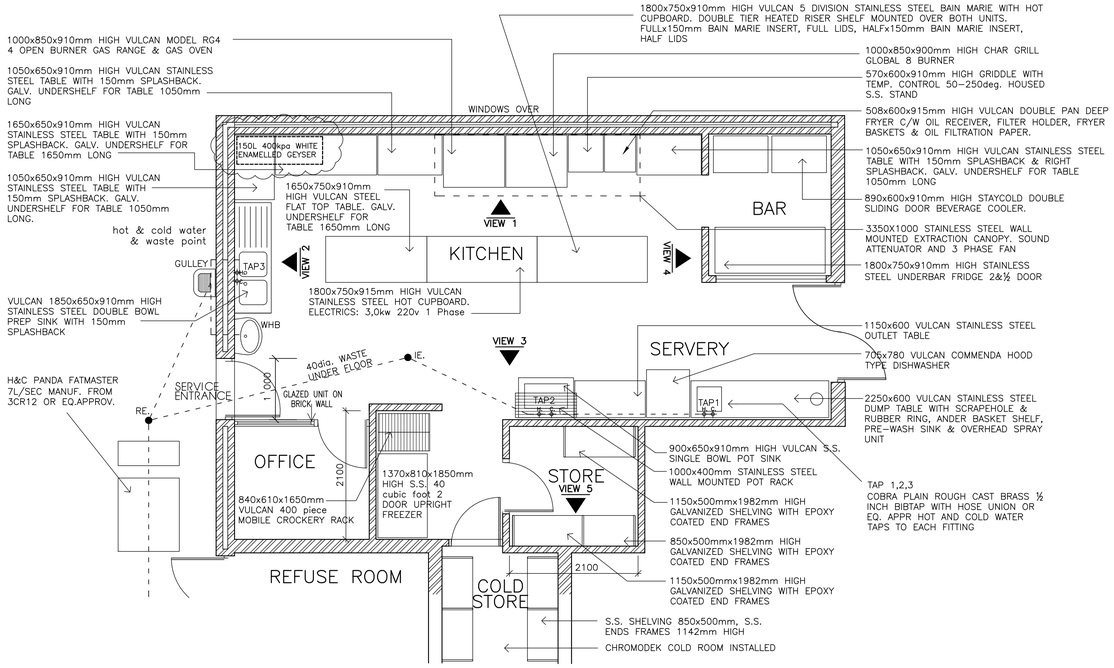
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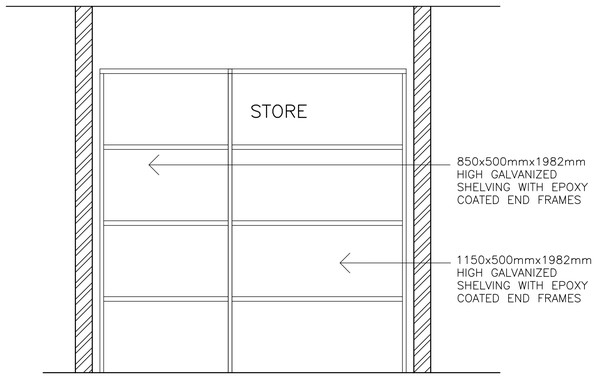
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT ELEVATIONS**
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.2
rev no.	



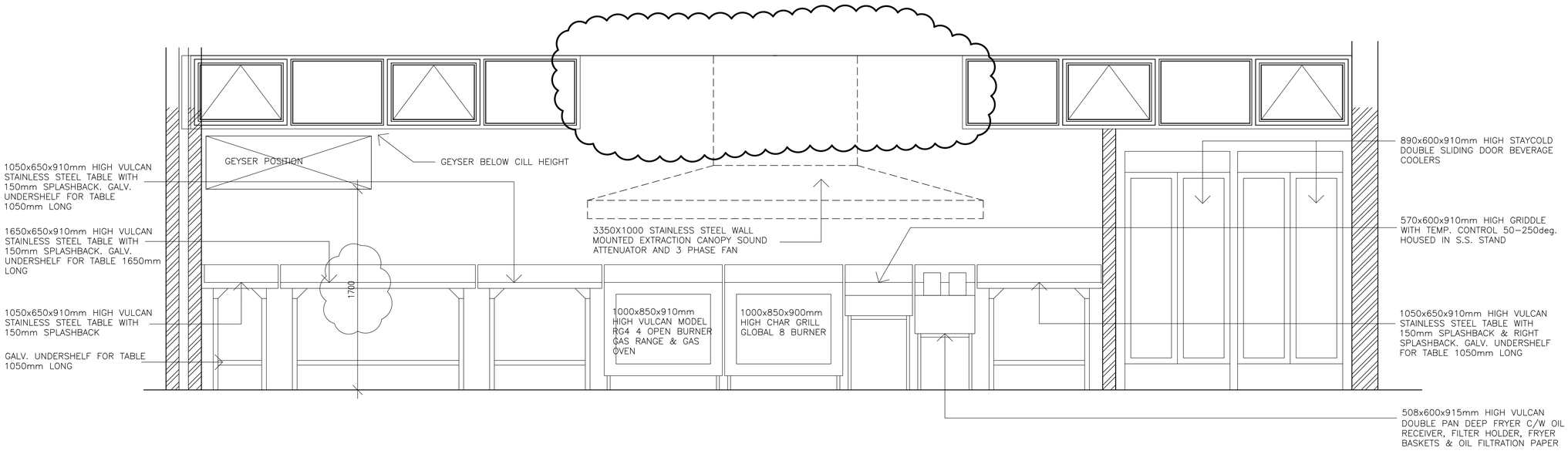
BLOCK H - RESTAURANT - DINING GALLERY FLOOR PLAN

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 5

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 1

SCALE 1 : 50

0 0.5 1 2 4m

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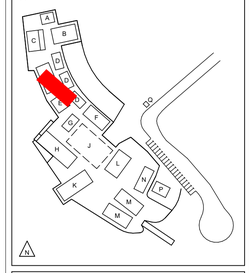
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key plan



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NO	DATE	AMMENDMENT	DPW

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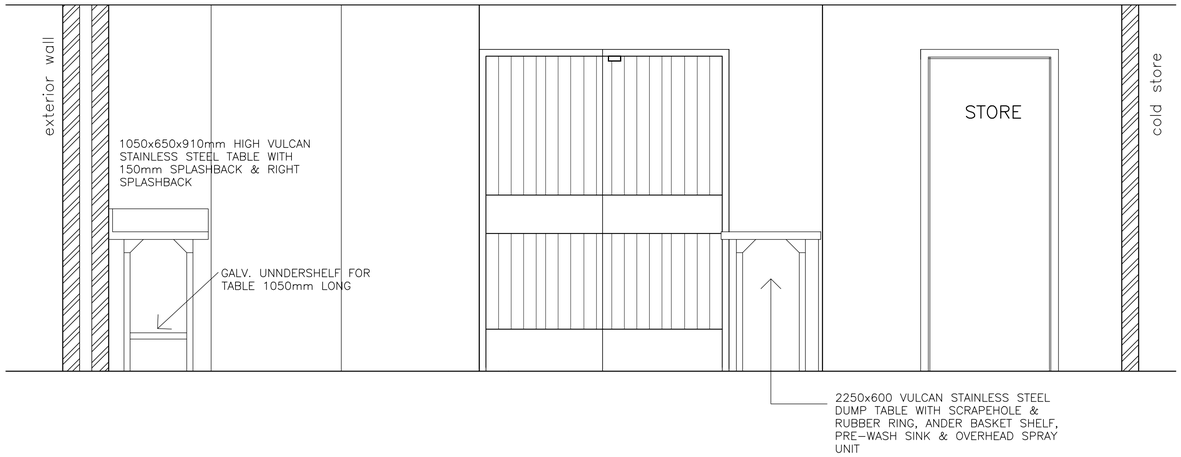
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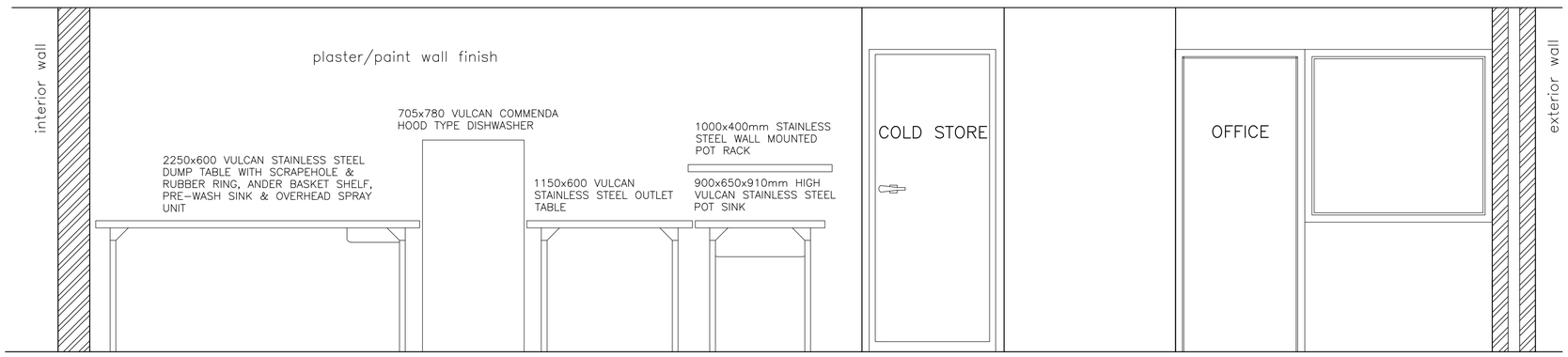
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** DINING FLOOR PLAN + SECTION ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.3
rev no.	



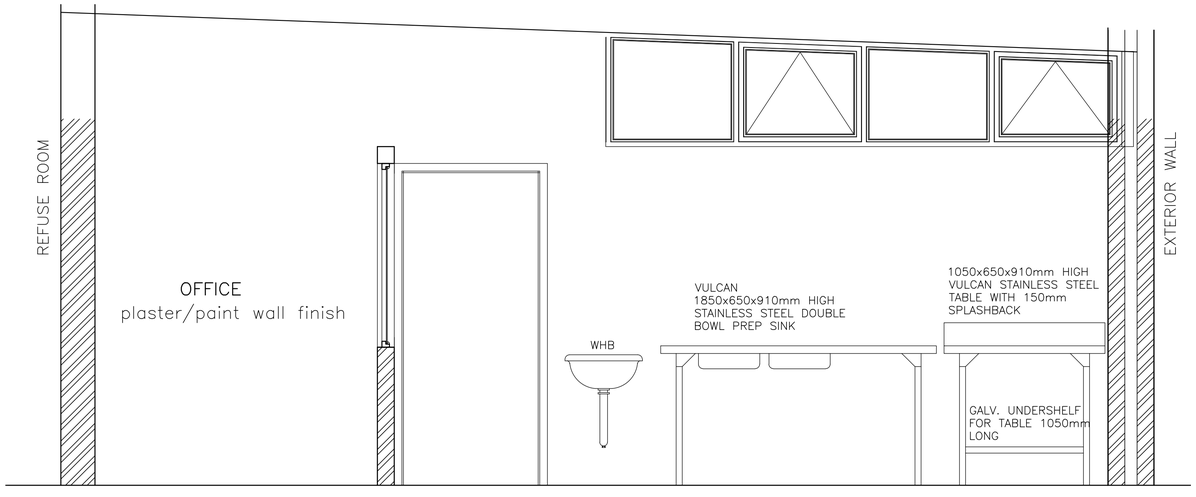
BLOCK H - RESTAURANT - SECTION ELEVATION 4

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 3

SCALE 1 : 50



BLOCK H - RESTAURANT - SECTION ELEVATION 2

SCALE 1 : 50

0 0.5 1 2 4m

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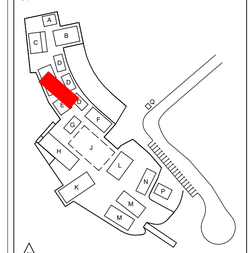
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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CONSTRUCTION

discipline	**Architect & Principal Agent**
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wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** SECTION ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.4
rev no.	

BLOCK	DESCRIIPTION	
H	RESTAURANT	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6.	Flush out and clean gutters and downpipes.
ROOF SHEETS	7.	Replace 3 off roof sheets
EXTERNAL WALLS	8.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	9.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
	11.	In toilets Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	12.	In Toilets and kitchen: Clean down all tiled walls.
	13.	Replace missing 3 off white glazed wall tiles below access panel above cold room door. Supply and fit aluminium louvred access panel fixed to exist timber sub- frame. .Approximate size 535 x 535
	14.	To dwarf walls below basin vanity slabs in gents and ladies toilets: Fit black slate tiles to match existing in cementitious adhesive and grout to match.
EXTERNAL TIMBER DOORS	15.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
INTERNAL TIMBER DOORS	16.	TO SERVERY DOOR: Remove existing double door and frame. Provide and fit new framed ledged and braced batten double swing double door in 107 x 69 timber frame without rebate bolted to walls with 3 off 110mm expanding bolts per stile countersunk into frame and plugged. Approximate overall opening size 2100 x 1600. Size to be checked on site. Hinges to be 150mm heavy duty stainless steel double action spring hinges. Fit rebated s.s. barrel bolts and keeps to one leaf and a cylinder deadlock and s.s. escutcheon plate to the other. Reuse existing kick plates and push plates salvaged from existing doors. Sand down, apply 1 coat wood primer, 3 coats universal enamel. Replace existing "Trellidor" security gate with new approved propriety powder coated sliding security gate with swing away capability and having cylinder claw lock.
ALUMINIUM WINDOWS AND DOORS	17.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	18.	Replace all rubber seals to shopfront type aluminium glazing beads
	19.	Ease and service all sliding door mechanisms and locks.
FLOOR FINISH	20.	Restaurant and toilets: Clean down all slate tiles
	21.	Kitchen Clean down all ceramic floor tiles
SKIRTINGS	22.	Restaurant and toilets: Clean down all slate tiles to skirtings
SANITARYWARE	23.	In Gents and Ladies Toilets: Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved..
	24.	In Disabled Toilet: Replace existing toilet seat with heavy duty duroplast plastic toilet seat with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	25.	Remove existing urinals, pipework and tiles. Build up new 1200 high wall. Fit new slate tiles to match in cementitious adhesive. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer via 50 mm pvc wastes built into new wall.
	26.	In Ladies Toilet: Replace 1 off cracked above counter ceramic circular wash hand basin type "NEO" by Cotto to match existing, complete with pull up thief proof plug.
	27.	In Gents and Ladies toilets only: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved
	28.	In all toilets: Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	29.	In Gents and Ladies toilet cubicles and Disabled: Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved
	30.	In Gents, Ladies and Disabled: Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135 Fit s.s. hand cleanser dispenser as per Sanitary code 8973 or equal approved Gents: 2 off - 1 each side of basins Ladies:2 off - 1 each side of basins. Disabled: 1 off
TIMBER INFILL TO STEEL COLUMNS	31.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
ALL STONEWORK WALLS	32.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

0 0.5 1 2 4m

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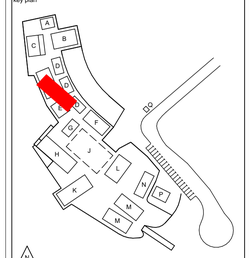
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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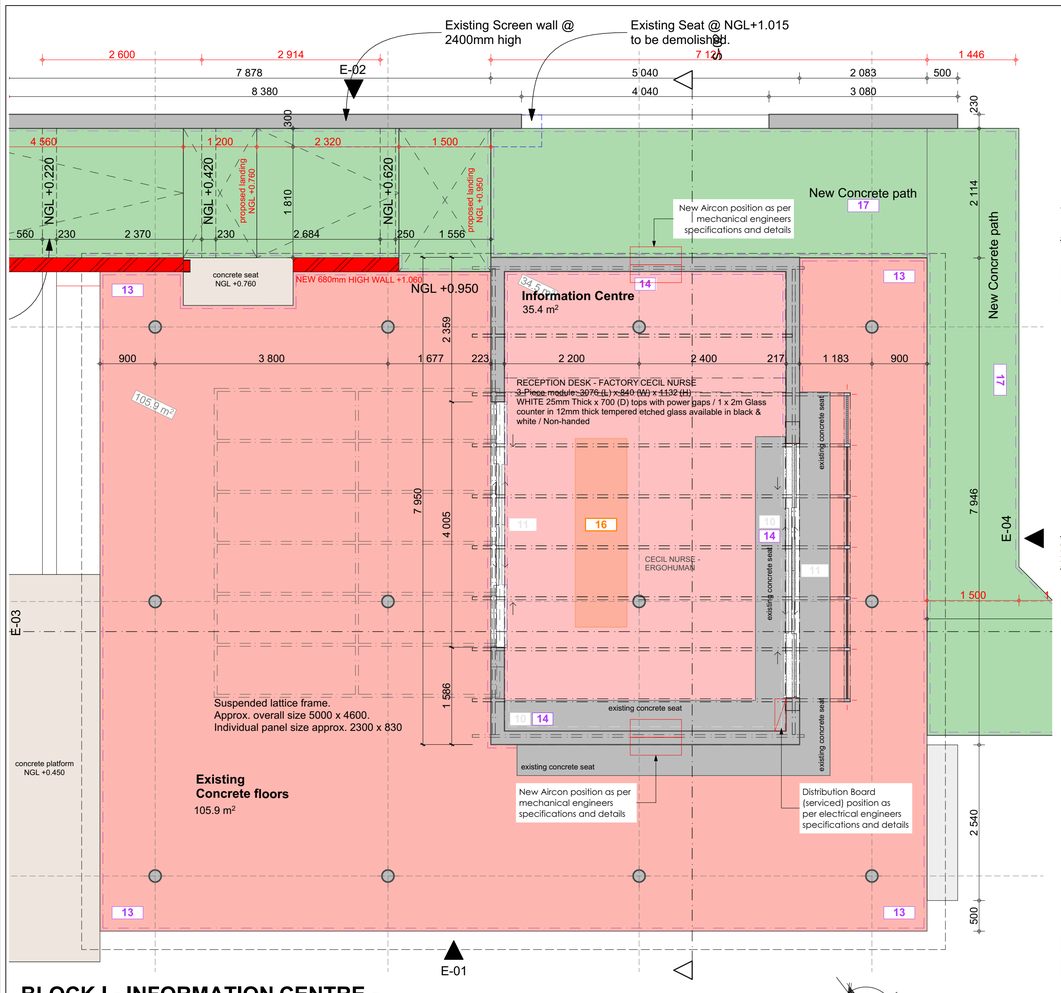
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

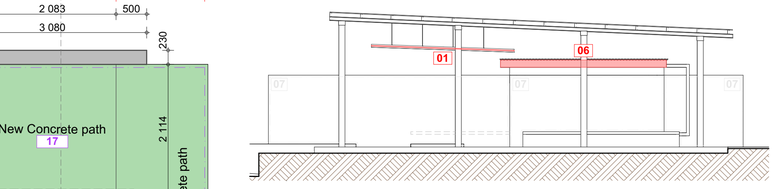
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK H - RESTAURANT** SPECIFICATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.08.5
rev no.	



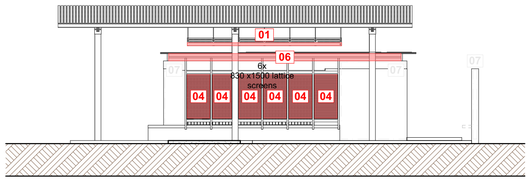
BLOCK I - INFORMATION CENTRE - FLOOR PLAN

SCALE 1 : 50



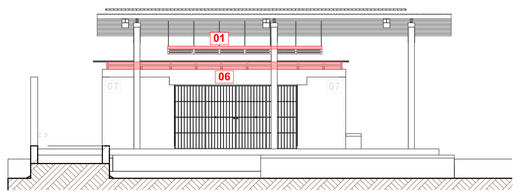
BLOCK I - INFORMATION CENTRE - NORTH WEST ELEVATION 01

SCALE 1 : 100



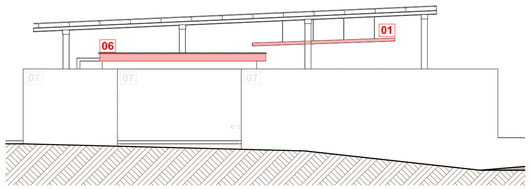
BLOCK I - INFORMATION CENTRE - SOUTH WEST ELEVATION - E04

SCALE 1 : 100



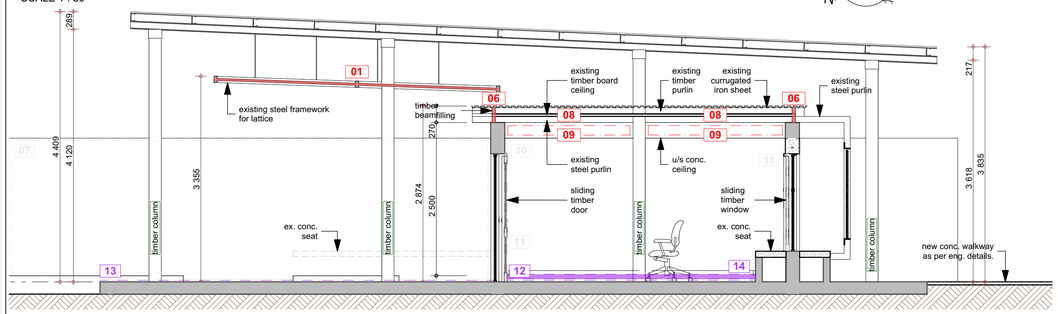
BLOCK I - INFORMATION CENTRE - NORTH EAST ELEVATION - E03

SCALE 1 : 100



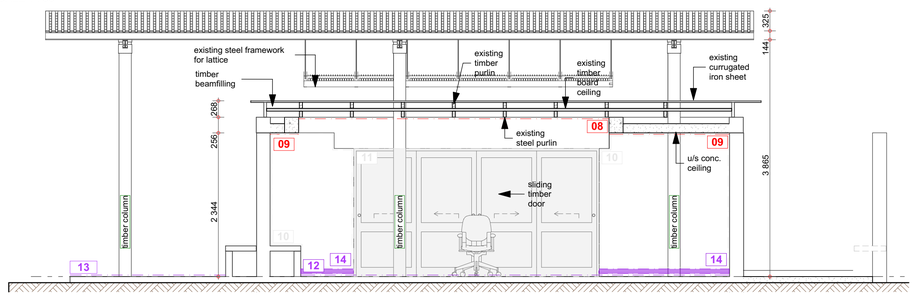
BLOCK I - INFORMATION CENTRE - SOUTH EAST ELEVATION - E02

SCALE 1 : 100



BLOCK I - INFORMATION CENTRE - SECTION 01

SCALE 1 : 50



BLOCK I - INFORMATION CENTRE - SECTION 02

SCALE 1 : 50

BLOCK	DESCRIPTION
I	INFORMATION CENTRE

ITEM	CODE	SPECIFICATION
		INFORMATION CENTRE PROPER
ROOF LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAMFILLING	6	Sand down existing timber beamfilling between purlins, between sprockets above purlins and barge boards. Apply 1 coat universal undercoat. Apply 2 coats superior quality universal enamel with light sanding between coats. Colour - black
EXTERNAL WALLS	7.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Sand down internal faces of timber beamfilling between steel purlins and underside of timber boarded ceiling fixed on top of steel purlins. Apply 1 coat universal undercoat. Apply 2 coats acrylic emulsion paint Colour - white
	9.	To concrete slabs to ceiling: Clean down, apply plaster primer. Apply 2 coats acrylic emulsion paint. Colour - white
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
GLAZED TIMBER SLIDING DOORS AND WINDOWS.	11.	Service all sliding door / window mechanisms and locking mechanisms. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
FLOOR FINISH	12.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	External Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
SKIRTING	14.	Fit new 75mm x 19mm back trenched S.A.pine skirting. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
NEW RAMPS	15.	Cast new 100mm thick concrete walkway and ramp on compacted fill in positions as shown on plan
JOINERY	16.	Provide new reception counter as per joinery drawing
CONCRETE WALWAY	17.	Clear vegetation, scarify, and cast 100 thick concrete walkway with broom finish on compacted inert fill as per drawing
		INFORMATION CENTRE ABLUTION BLOCK
EXTERNAL WALLS	18.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	19.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
FLOOR FINISH	20.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
EXTERNAL PAINTED GALV. GATES	21.	Clean down existing painted galvanised gates. Service existing locks. Apply 1 ct universal undercoat. Apply 2 coats high quality universal enamel paint.
INTERNAL TIMBER DOORS	22.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 815 Fit mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Sand down. Apply I ct wood primer to doors and frames, 1 ct universal undercoat & 2 coats universal enamel. Colour - Black
SANITARY WARE	23.	Replace all WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	To all taps: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	25.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	27.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
EXTERNAL CONCRETE APRON	28.	Clear vegetation, scarify round entire building and cast 600 wide x 100 thick concrete apron on compacted inert fill.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
INTSIKA Architects (PTY) Ltd
Robert Gillard
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E-mail: rob@intsika.com

Quantity Surveyor:
Imvelo Quantity Surveyors
Zingisa Nyamake
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Fax: 039 - 727 4739
Cell: 082 652 4065
E-mail: imveloqsk @telkomsa.net

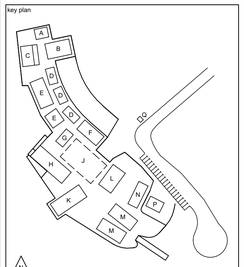
Structural Engineer:
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Yuri Levendal
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Fax: 043 726 9488
Cell:
E-mail: yuri@cbmafrica.co.za

Civil Engineer:
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Electrical Engineer:
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Fax:
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Mechanical Engineer:
Carifro Consulting Engineers
Jabu Twala
Tel: 043 743 8266
Fax:
Cell: 078 165 7059
E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	18.11.19	ADJUSTMENT OF AS-BUILT DETAILS AND DISABLED ACCESS RAMP.	
02	02.03.20	ADDITIONAL DIMENSIONS PROVIDED.	

Copyright vests in the Department of Public Works

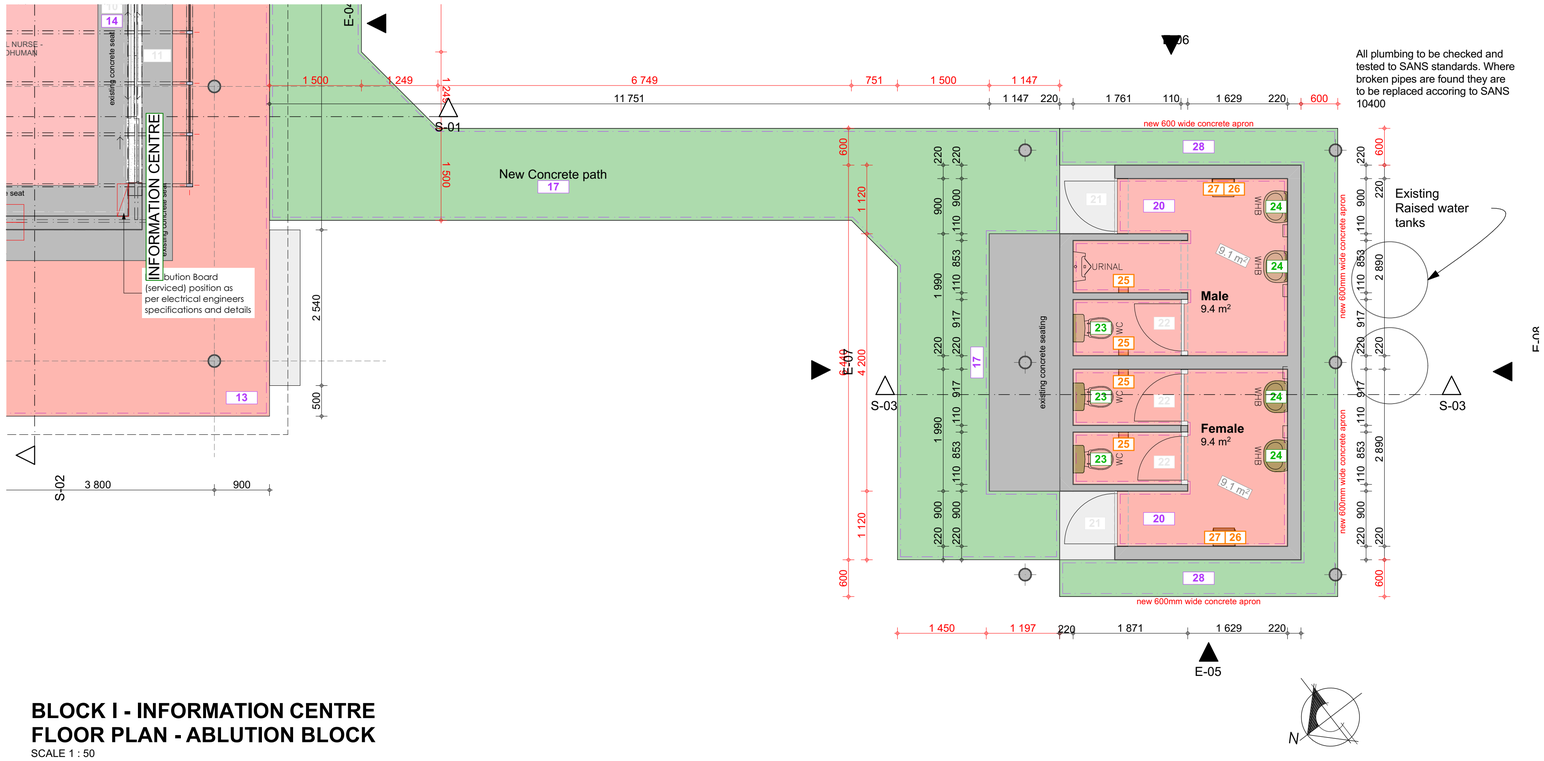
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

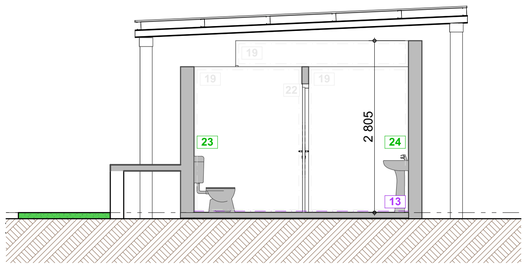
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK I - INFO CENTRE** INFO CENTRE FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.09.1
rev no.	02



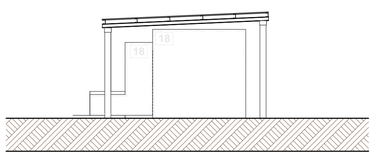
BLOCK I - INFORMATION CENTRE
FLOOR PLAN - ABLUTION BLOCK

SCALE 1 : 50



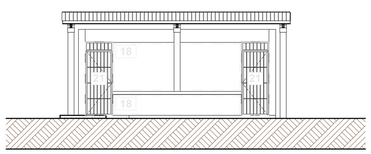
BLOCK I - INFORMATION CENTRE
SECTION 03 - ABLUTION BLOCK

SCALE 1 : 50



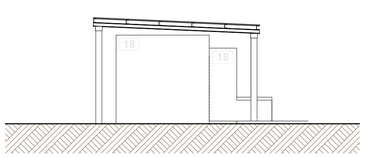
BLOCK I - INFORMATION CENTRE
ELEVATION 05 - ABLUTION BLOCK

SCALE 1 : 100



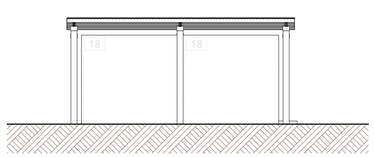
BLOCK I - INFORMATION CENTRE
ELEVATION 07 - ABLUTION BLOCK

SCALE 1 : 100



BLOCK I - INFORMATION CENTRE
ELEVATION 06 - ABLUTION BLOCK

SCALE 1 : 100



BLOCK I - INFORMATION CENTRE
ELEVATION 08 - ABLUTION BLOCK

SCALE 1 : 100

BLOCK	DESCRIPTION
I	INFORMATION CENTRE

ITEM	CODE	SPECIFICATION
		INFORMATION CENTRE PROPER
ROOF LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAMFILLING	6	Sand down existing timber beamfilling between purlins, between sprockets above purlins and barge boards. Apply 1 coat universal undercoat. Apply 2 coats superior quality universal enamel with light sanding between coats. Colour - black
EXTERNAL WALLS	7.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Sand down internal faces of timber beamfilling between steel purlins and underside of timber boarded ceiling fixed on top of steel purlins. Apply 1 coat universal undercoat. Apply 2 coats acrylic emulsion paint Colour - white
	9.	To concrete slabs to ceiling: Clean down, apply plaster primer. Apply 2 coats acrylic emulsion paint. Colour - white
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
GLAZED TIMBER SLIDING DOORS AND WINDOWS.	11.	Service all sliding door / window mechanisms and locking mechanisms. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
FLOOR FINISH	12.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	External Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
SKIRTING	14.	Fit new 75mm x 19mm back trenched S.A.pine skirting. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
NEW RAMPS	15.	Cast new 100mm thick concrete walkway and ramp on compacted fill in positions as shown on plan
JOINERY	16.	Provide new reception counter as per joinery drawing
CONCRETE WALWAY	17.	Clear vegetation, scarify, and cast 100 thick concrete walkway with broom finish on compacted inert fill as per drawing
		INFORMATION CENTRE ABLUTION BLOCK
EXTERNAL WALLS	18.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	19.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
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SANITARY WARE	23.	Replace all WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	To all taps: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	25.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	27.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
EXTERNAL CONCRETE APRON	28.	Clear vegetation, scarify round entire building and cast 600 wide x 100 thick concrete apron on compacted inert fill.



0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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Quantity Surveyor:
Imvelo Quantity Surveyors
Zingisa Nyamake
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E-mail: imvelogsk @telkomsa.net

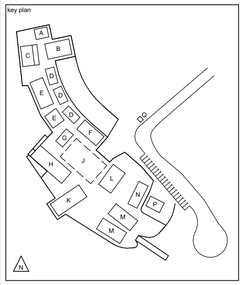
Structural Engineer:
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E-mail: yuri@cbmafrica.co.za

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Mechanical Engineer:
Carifro Consulting Engineers
Jabu Twala
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Fax:
Cell: 078 165 7059
E-mail: jabu@carifro.com

key plan



other notes

01	18.11.19	ADJUSTMENT OF AS-BUILT DETAILS AND DISABLED ACCESS RAMP.

NO	DATE	AMMENDMENT	DPW

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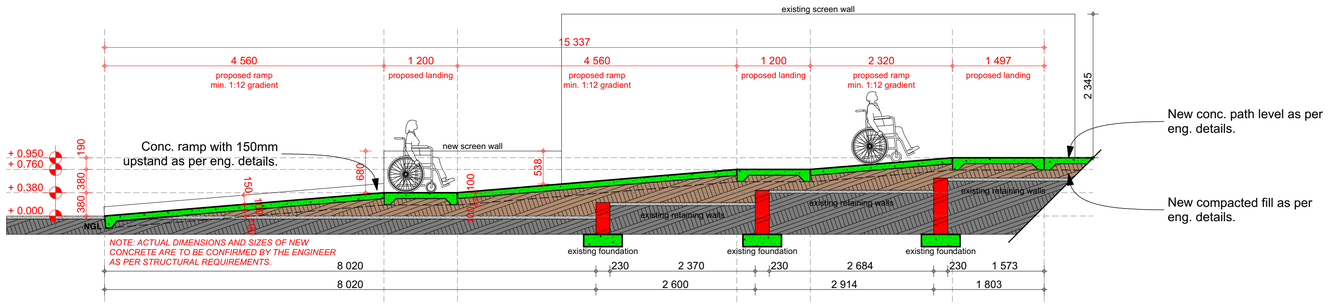
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

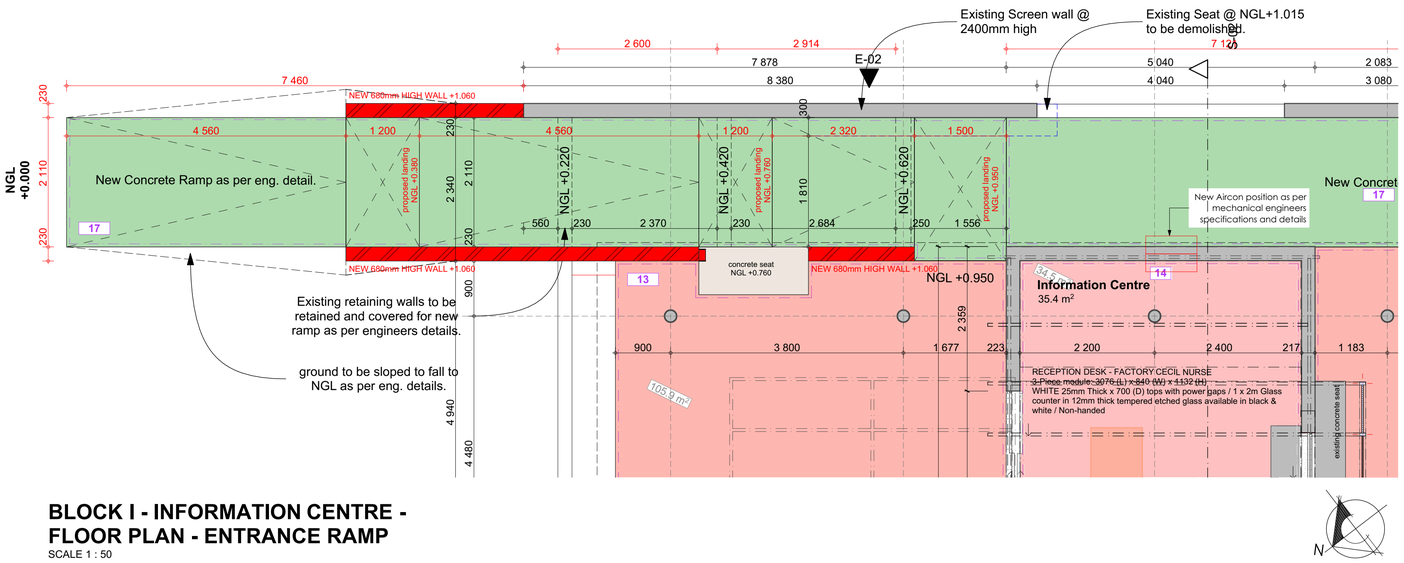
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK I - INFO CENTRE** INFO CENTRE ABLUTION BLOCK FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.09.2
rev no.	01





BLOCK I - INFORMATION CENTRE - FLOOR PLAN - ENTRANCE RAMP

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION
I	INFORMATION CENTRE

ITEM	CODE	SPECIFICATION
		INFORMATION CENTRE PROPER
ROOF LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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CEILINGS + CORNICES	8.	Sand down internal faces of timber beamfilling between steel purlins and underside of timber boarded ceiling fixed on top of steel purlins. Apply 1 coat universal undercoat. Apply 2 coats acrylic emulsion paint Colour - white
	9.	To concrete slabs to ceiling: Clean down, apply plaster primer. Apply 2 coats acrylic emulsion paint. Colour - white
INTERNAL PAINTED WALLS	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
GLAZED TIMBER SLIDING DOORS AND WINDOWS.	11.	Service all sliding door / window mechanisms and locking mechanisms. Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
FLOOR FINISH	12.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	13.	External Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
SKIRTING	14.	Fit new 75mm x 19mm back trenched S.A.pine skirting. Sand down. Apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
NEW RAMPS	15.	Cast new 100mm thick concrete walkway and ramp on compacted fill in positions as shown on plan
JOINERY	16.	Provide new reception counter as per joinery drawing
CONCRETE WALWAY	17.	Clear vegetation, scarify, and cast 100 thick concrete walkway with broom finish on compacted inert fill as per drawing
		INFORMATION CENTRE ABLUTION BLOCK
EXTERNAL WALLS	18.	Clean down and prepare painted bag plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL PAINTED WALLS	19.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint. Colour to match existing
FLOOR FINISH	20.	Internal Floor: Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
EXTERNAL PAINTED GALV. GATES	21.	Clean down existing painted galvanised gates. Service existing locks. Apply 1 ct universal undercoat. Apply 2 coats high quality universal enamel paint.
INTERNAL TIMBER DOORS	22.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten doors hung with 1&1/2 prs brass butt hinges on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 815 Fit mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Sand down. Apply I ct wood primer to doors and frames, 1 ct universal undercoat & 2 coats universal enamel. Colour - Black
SANITARY WARE	23.	Replace all WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	24.	To all taps: Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other.
	25.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	26.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	27.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
EXTERNAL CONCRETE APRON	28.	Clear vegetation, scarify round entire building and cast 600 wide x 100 thick concrete apron on compacted inert fill.

general notes

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light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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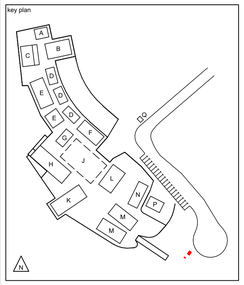
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key plan



other notes

01	18.11.19	ADJUSTMENT OF AS-BUILT DETAILS AND DISABLED ACCESS RAMP.

NO	DATE	AMMENDMENT	DPW

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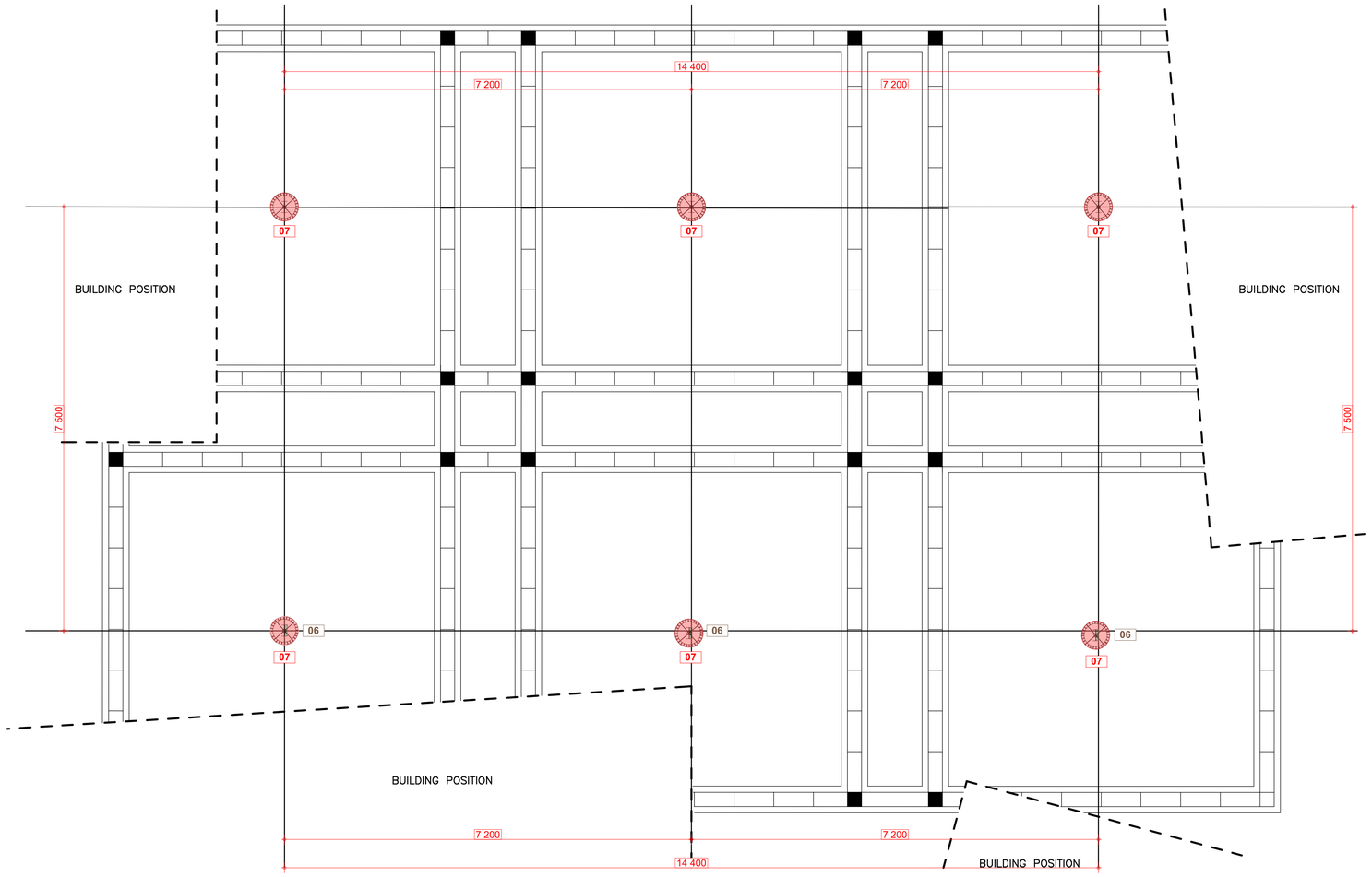
public works
Department:
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

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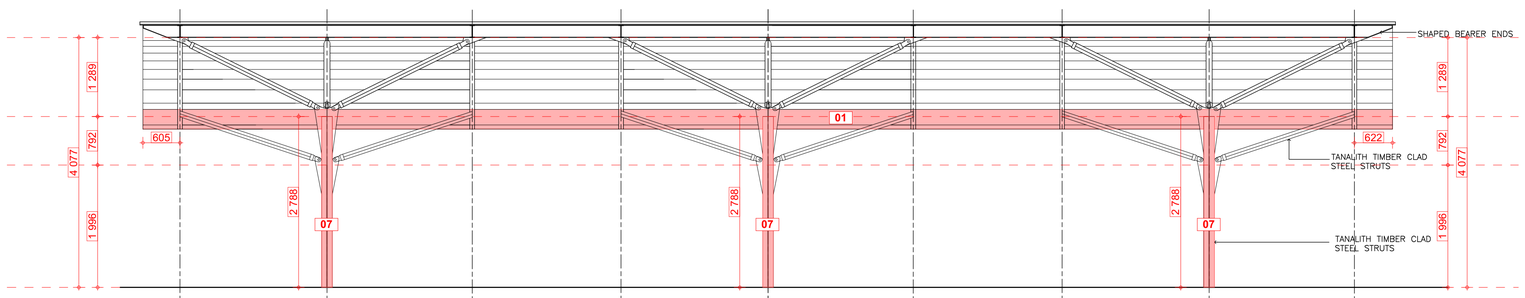
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK I - INFO CENTRE** INFO CENTRE ENTRANCE RAMP
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.09.3
rev no.	01



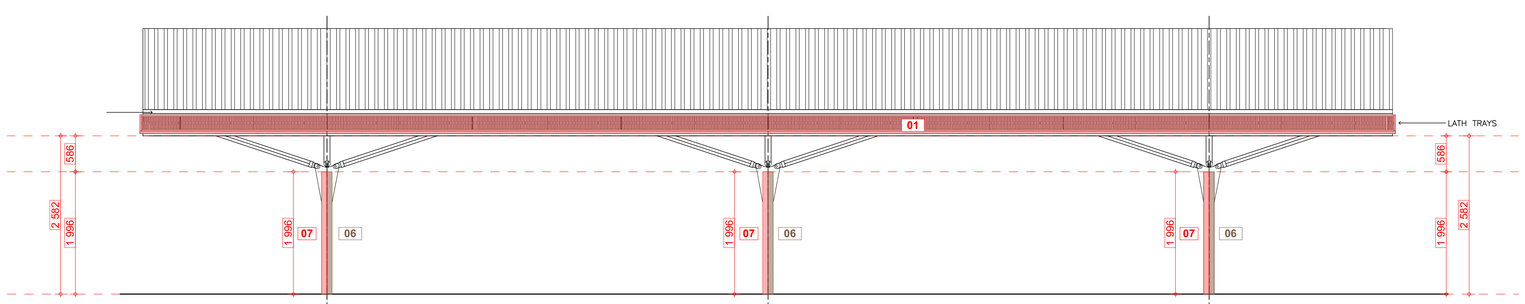
BLOCK J - COURTYARD - LAYOUT

SCALE 1 : 50



BLOCK J - COURTYARD - FRONT ELEVATION

SCALE 1 : 50



BLOCK J - COURTYARD - BACK ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
J	COVERED COURTYARD	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
DECORATIVE TIMBER COLUMN CLADDING	7	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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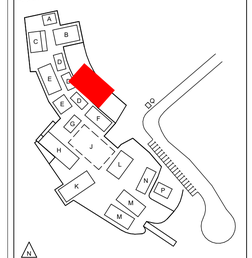
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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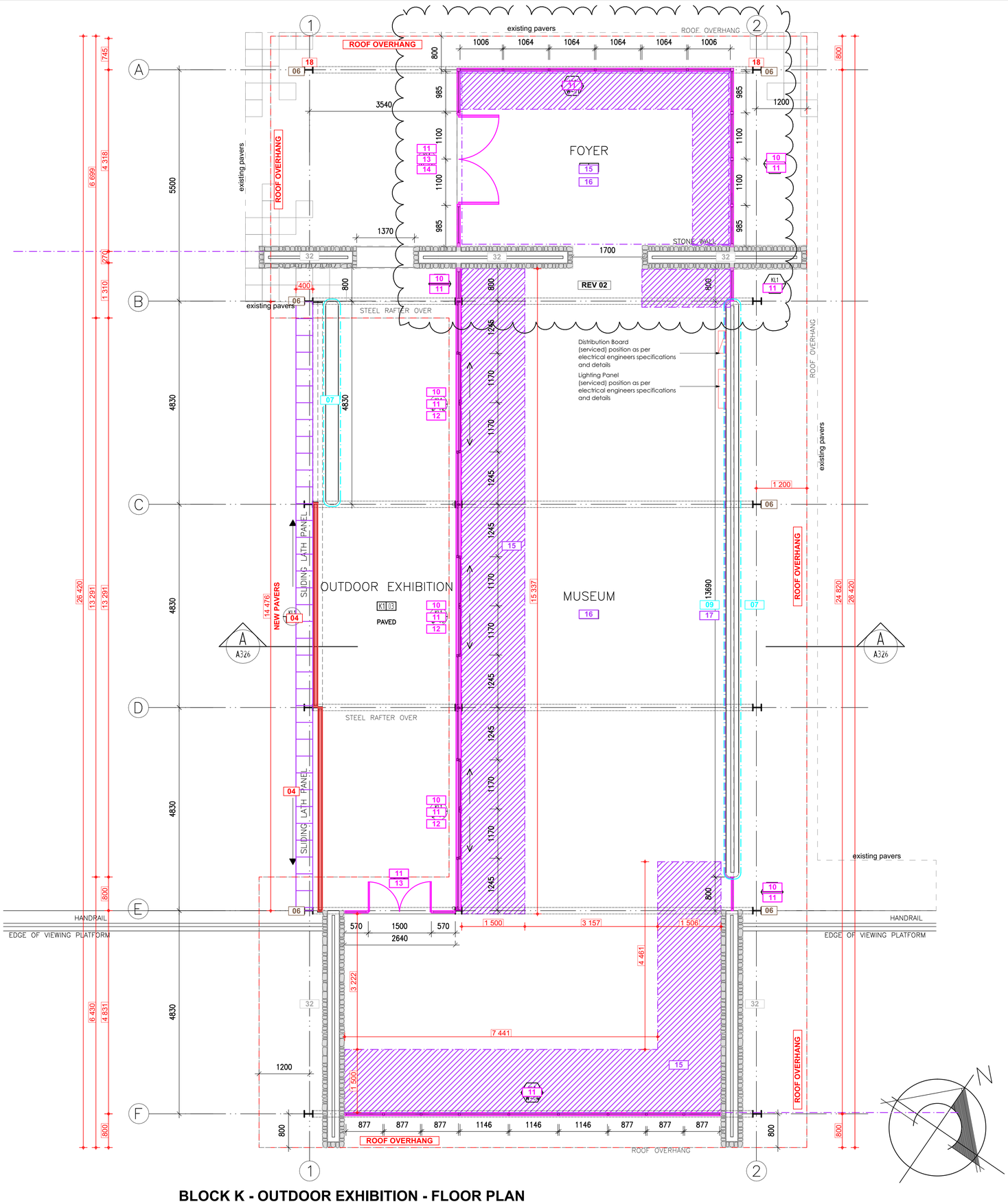
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK J - COURTYARD** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.10.1
rev no.	



BLOCK K - OUTDOOR EXHIBITION - FLOOR PLAN

SCALE 1 : 50

BLOCK	DESCRIPTION
K	EXHIBITION HALL 2 / MUSEUM

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Realign and refix t&g ceiling boards where required. Approx 2m2 Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
ALUMINIUM WINDOWS AND DOORS	10.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	11.	Replace all rubber seals to shopfront type aluminium glazing beads
	12.	Ease and service all sliding door mechanisms and locks.
	13.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
	14.	In Entrance Area: Remove bottom gazing panels with film on. Replace with 6mm laminated safety glass. Approximate size 900 x 1000 per panel
FLOOR FINISH	15.	Remove existing wood strip floor covering as indicated in Entrance Area and approx. 1,5m wide in areas indicated on plan by cutting the timber in a straight line and hacking screed below and casting new pigmented screed to align with top surface of the remaining timber floor.
	16.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
SKIRTINGS	17.	Sand lightly, clean down and apply 1 coat universal undercoat and 2 coats superior quality universal enamel with light sanding between coats.
DECORATIVE TIMBER COLUMN CLADDING	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
ALL STONEWORK WALLS	19.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

general notes

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All trenches to inspected by a Local Authority Building Inspector,

project team

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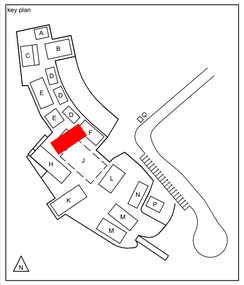
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	26/08/2020	removal of existing pavers for fire main, with replacement of new to match existing.	
02	04/12/2020	additional timber panel removal and new screed based on approval of Variation Order 1.	

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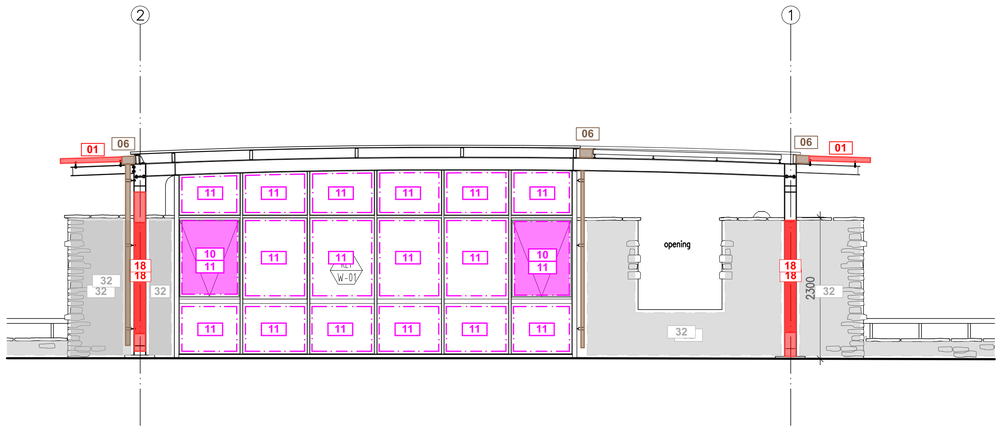
public works
Department:
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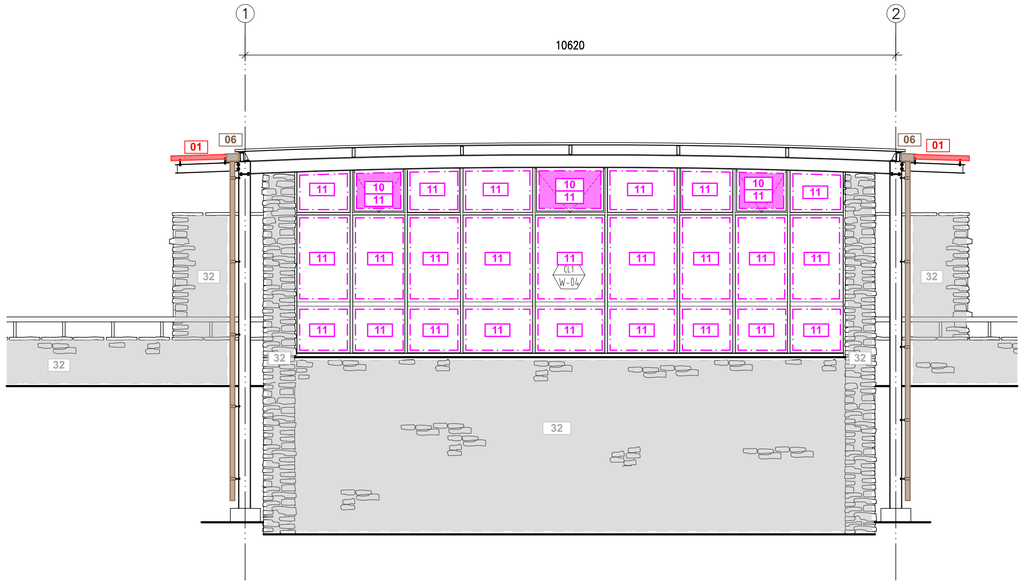
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK K - OUTDOOR EXHIBITION** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.11.1
rev no.	**02**



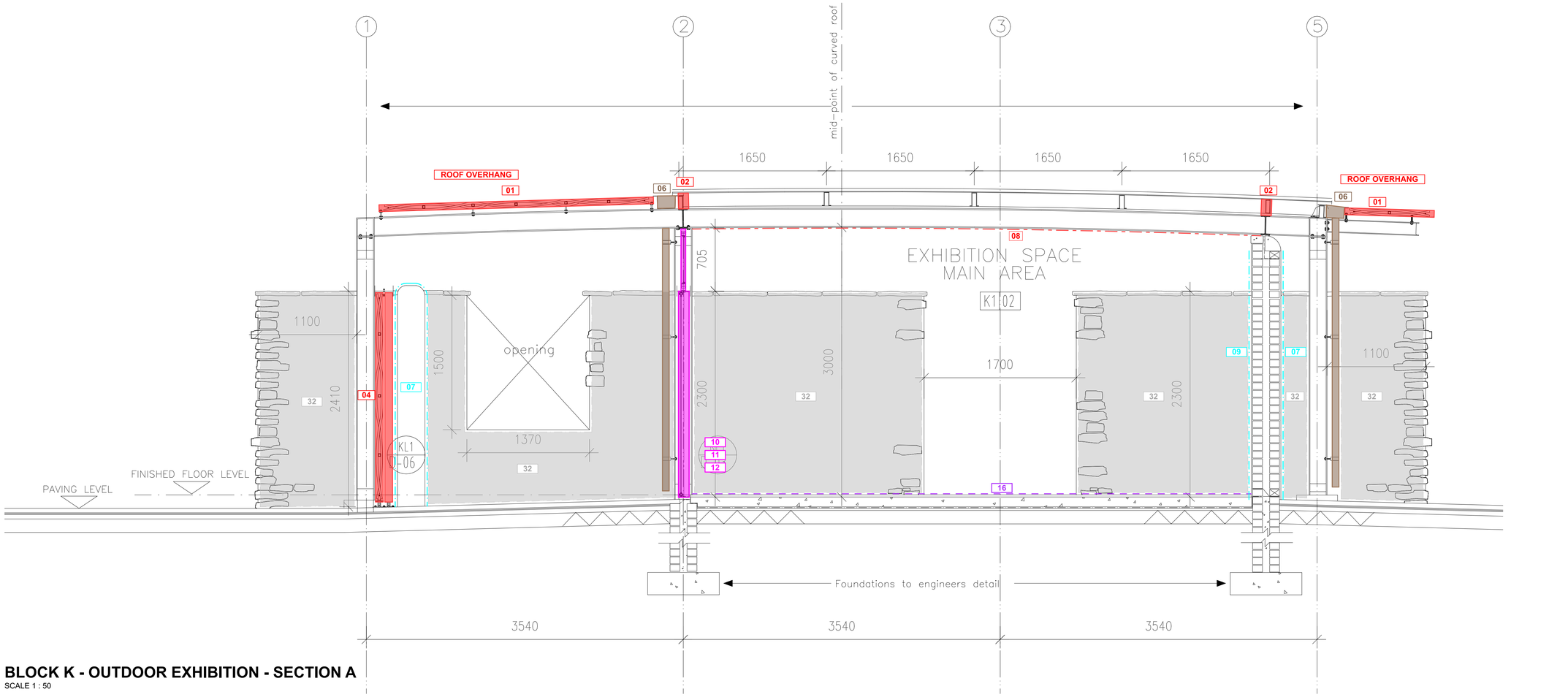
BLOCK K - OUTDOOR EXHIBITION - NORTH ELEVATION

SCALE 1 : 50



BLOCK K - OUTDOOR EXHIBITION - SOUTH ELEVATION

SCALE 1 : 50



BLOCK K - OUTDOOR EXHIBITION - SECTION A

SCALE 1 : 50

0 0.5 1 2 4m

general notes

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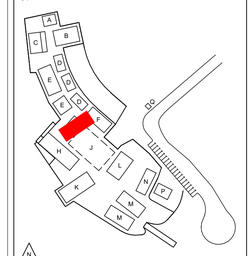
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

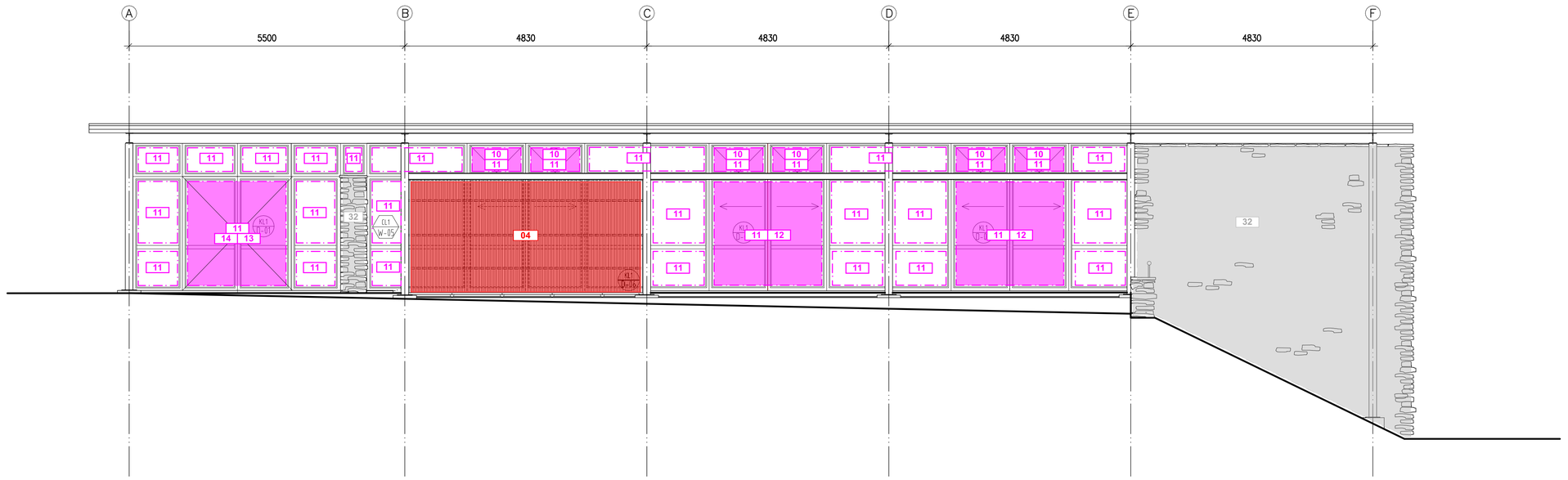
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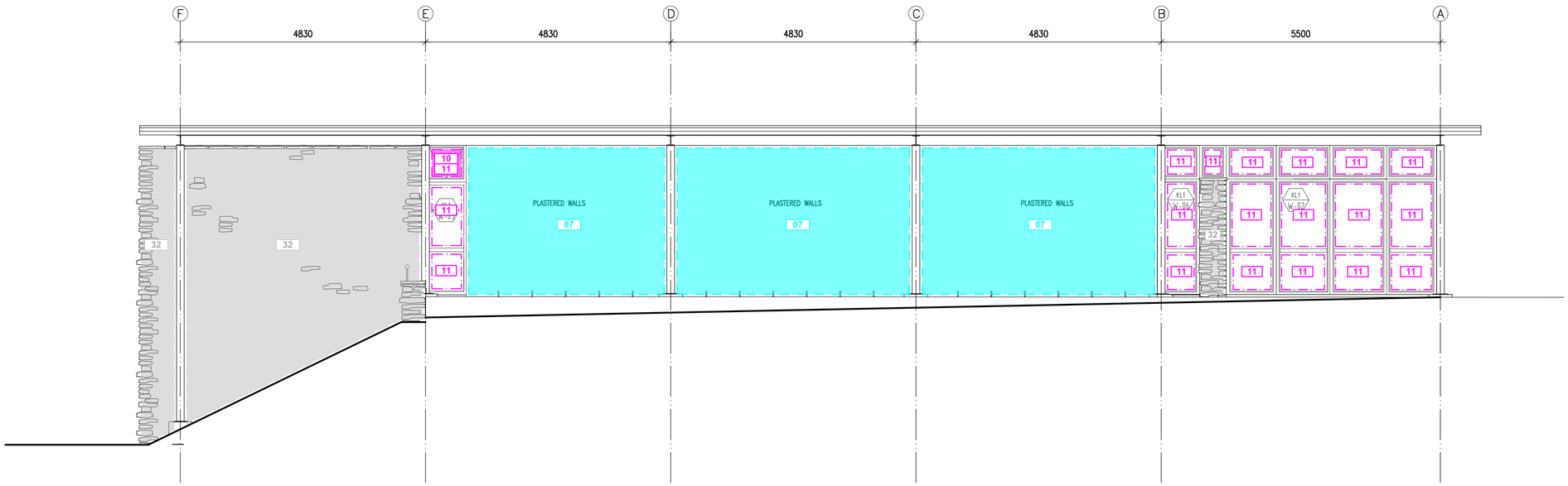
issued for **CONSTRUCTION**

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	BLOCK K - OUTDOOR EXHIBITION SECTION + ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.11.2
rev no.	



BLOCK K - OUTDOOR EXHIBITION - WEST ELEVATION

SCALE 1 : 50



BLOCK K - OUTDOOR EXHIBITION - FLOOR PLAN

SCALE 1 : 50

0 0.5 1 2 4m

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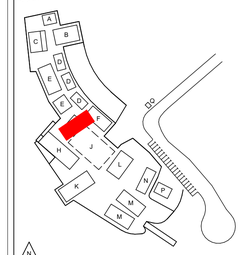
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

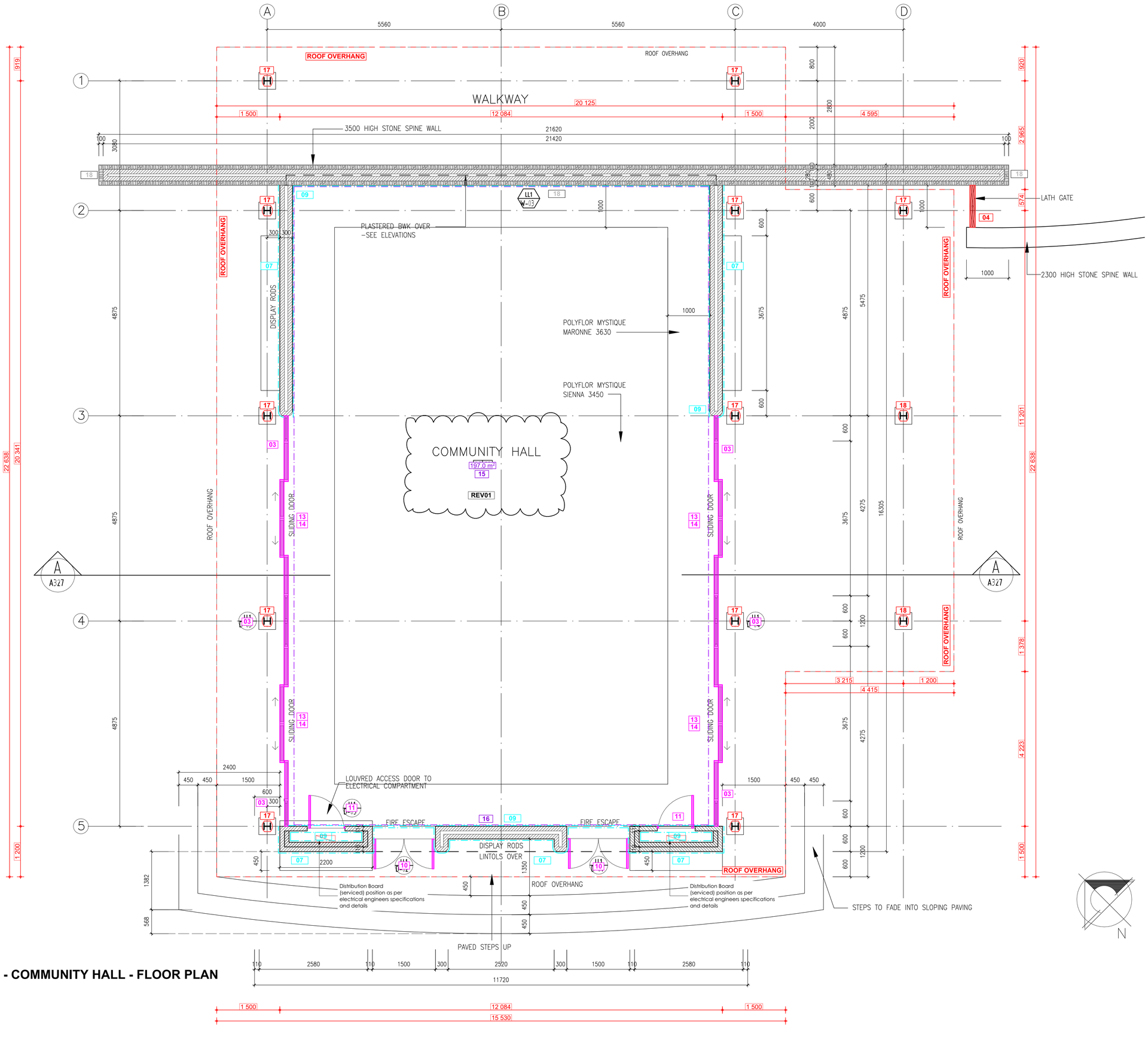
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Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK K - OUTDOOR EXHIBITION** ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.11.3
rev no.	



BLOCK L - COMMUNITY HALL - FLOOR PLAN

SCALE 1 : 50

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector.

project team

Principal Consultant / Architect:
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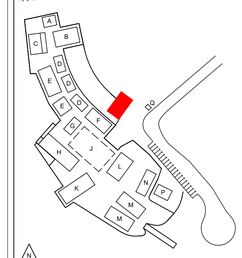
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Civil Engineer:
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03/12/2020	Change in specification for floors in line with approved Variation Order 1	

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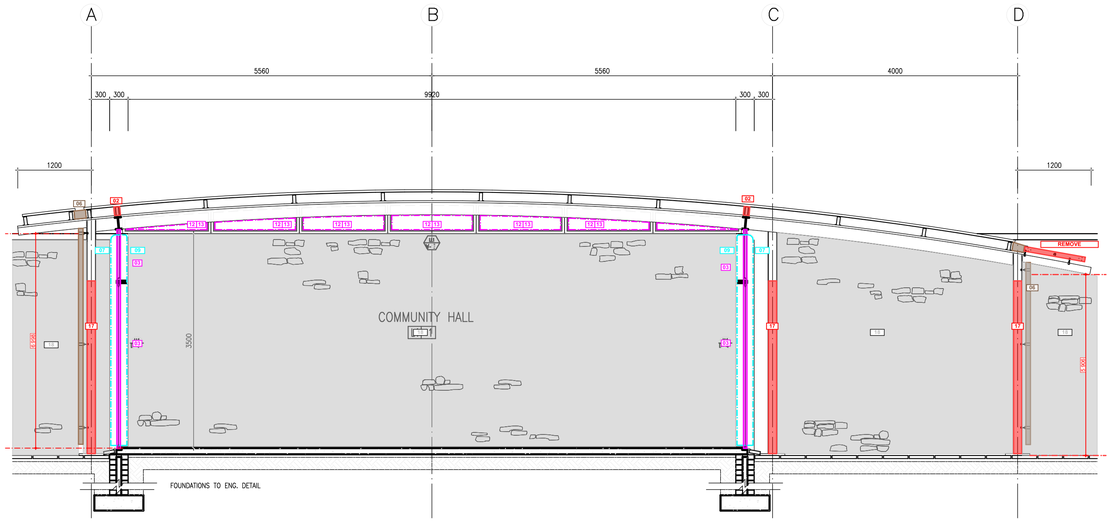
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Department:
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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK L - COMMUNITY HALL** FLOOR PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.12.1
rev no.	02



BLOCK L - COMMUNITY HALL - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION
L	EXHIBITION HALL 1 / COMMUNITY HALL

ITEM	CODE	SPECIFICATION
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN TO GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	10.	Rehang existing doors on new 100mm brass butt hinges Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
INTERNAL TIMBER DOORS	11.	Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks.
FLOOR FINISH	15.	Remove existing carpet floor covering and underlying vinyl sheet. Remove all glue /adhesive. Hack up and remove all existing screed, and prepare surface for casting of new 30 MPa 30mm thick screed to comply with SANS 10109. Lay new commercial grade 500 x 500 X 7mm thick needlepunched polypropylene carpet tiles having fibre mass of 920g/m2 as per Manufacturers Berber Point 920 or equal approved, laid tessellated in waterbased adhesive in accordance with manufacturer's specification.
SKIRTINGS	16.	Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
ALL STONEWORK WALLS	18.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
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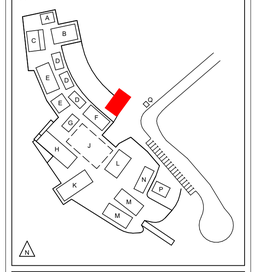
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E-mail: jabu@carifro.com

key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03/12/2020	Change in specification for floors in line with approved Variation Order 1	

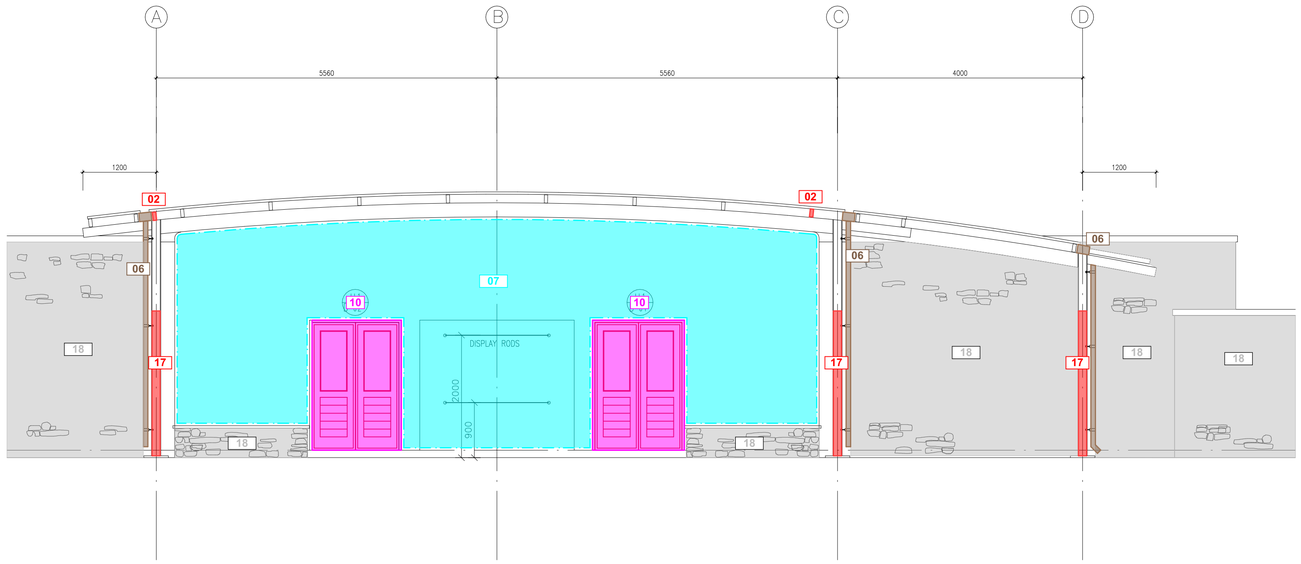
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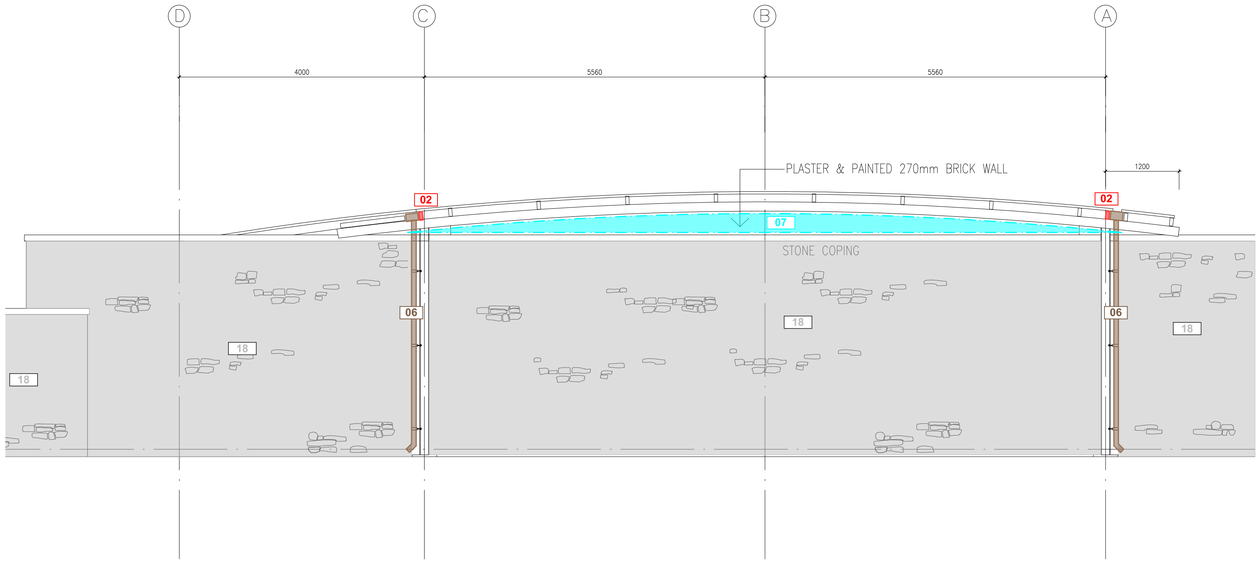
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK L - COMMUNITY HALL** SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.12.2
rev no.	**02**



BLOCK L - COMMUNITY HALL - SOUTH WEST ELEVATION

SCALE 1 : 50



BLOCK L - COMMUNITY HALL - NORTH EAST ELEVATION

SCALE 1 : 50

0 0.5 1 2 4m

BLOCK	DESCRIPTION	
L	EXHIBITION HALL 1 / COMMUNITY HALL	
ITEM	**CODE**	**SPECIFICATION**
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREEN TO GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	10.	Rehang existing doors on new 100mm brass butt hinges Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
INTERNAL TIMBER DOORS	11.	Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Ease and service all sliding door mechanisms and locks.
FLOOR FINISH	15.	Remove existing carpet floor covering and underlying vinyl sheet. Remove all glue /adhesive. Hack up and remove all existing screed, and prepare surface for casting of new 30 MPa 30mm thick screed to comply with SANS 10109. Lay new commercial grade 500 x 500 X 7mm thick needlepunched polypropylene carpet tiles having fibre mass of 920g/m2 as per Manufacturers Berber Point 920 or equal approved, laid tessellated in waterbased adhesive in accordance with manufacturer's specification.
SKIRTINGS	16.	Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
ALL STONEWORK WALLS	18.	Ensure that the surface is free from dust, dirt, grease, oil or solvents. Apply 2 cts water based natural stone sealer with 20 minutes drying time between coats. First coat thinned 50% with water all as per manufacturers specification as per WondaSeal Natural Stone Sealer or equal approved.

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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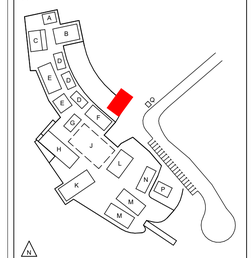
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03/12/ 2020	Change in specification for floors in line with approved Variation Order 1	

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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK L - COMMUNITY HALL** ELEVATIONS 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.12.3
rev no.	**02**

BLOCK L - COMMUNITY HALL - SOUTH EAST ELEVATION

SCALE 1 : 50

BLOCK L - COMMUNITY HALL - NORTH WEST ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION
L	EXHIBITION HALL 1 / COMMUNITY HALL

ITEM	CODE	SPECIFICATION
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
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VERTICAL LATTICE SCREEN TO GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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SKIRTINGS	16.	Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
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0 0.5 1 2 4m

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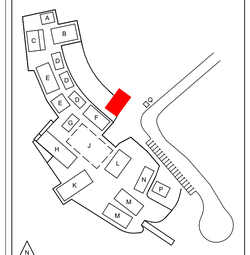
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NO	DATE	AMMENDMENT	DPW
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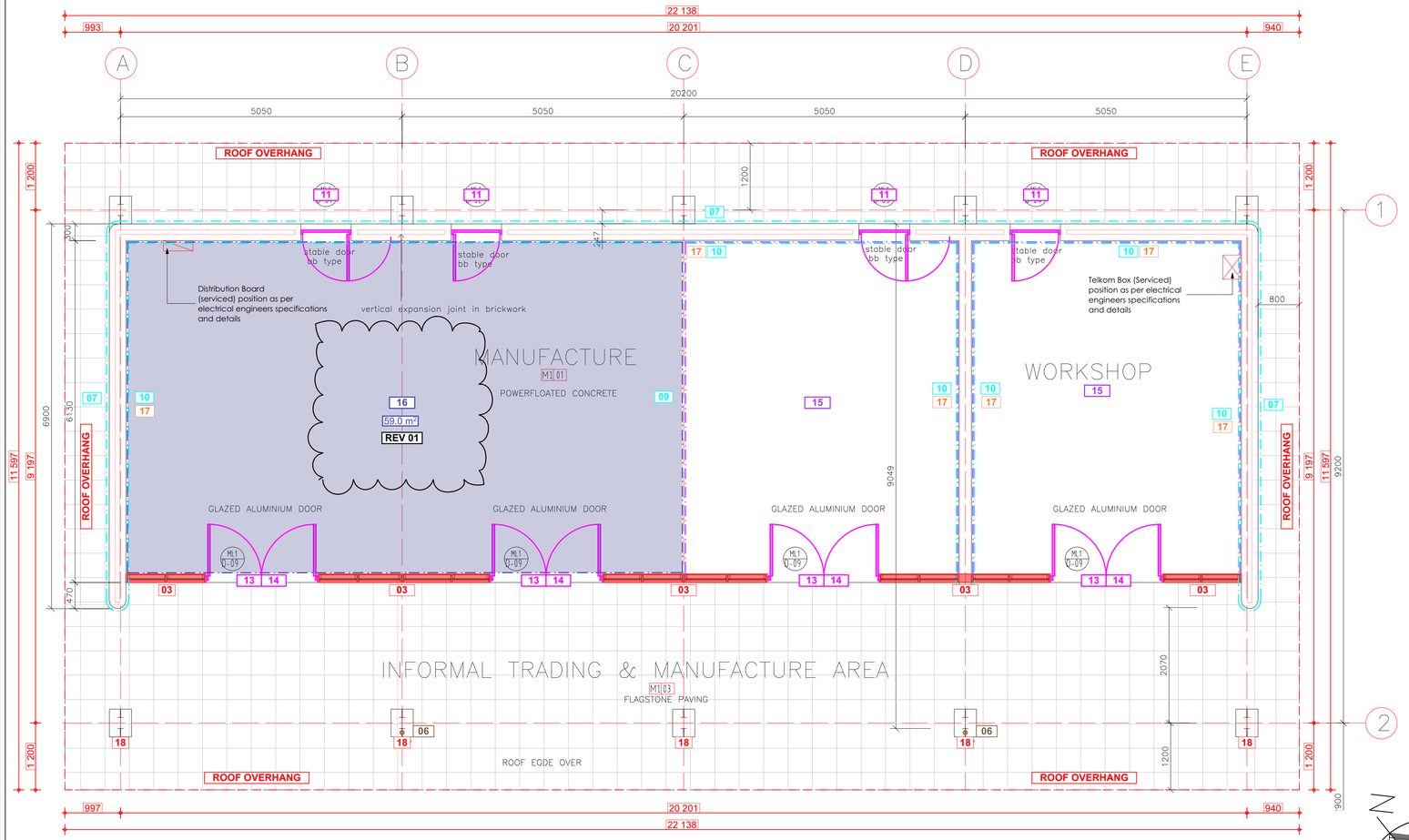
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Department:
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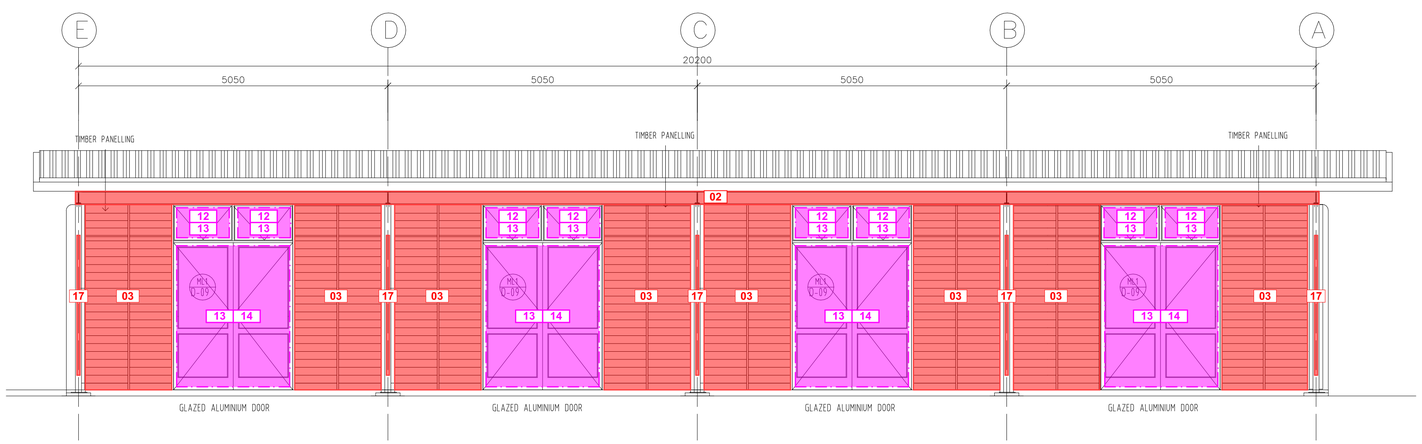
issued for
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discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK L - COMMUNITY HALL** ELEVATIONS 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no. 19/2/4/2/2/6958/001	design. RKG
scale As Shown	drawn LGM
date 2024/07/04	checked RKG
DPW drawing no. NMM/ARCH/SPC.12.4	rev no. **02**



BLOCK M1 - SHOPS + MANUFACTURE - FLOOR PLAN

SCALE 1 : 50



BLOCK M1 - SHOPS + MANUFACTURE - SOUTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION
M1	SHOPS AND STORE

ITEM	CODE	SPECIFICATION
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Remove existing timber partition wall approx. 2400 high x 6000 long
	10.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
EXTERNAL TIMBER DOORS	11.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	15.	Hack up existing screed as indicated on plan. Cast new pigmented screed to even finish with existing. Approximately 5000 X 6000
	16.	Remove existing floor slab for new layer works and new floor slab as per engineers details.
SKIRTINGS	17.	Fit new 75 x 19 back trenched hardwood timber skirting against walls Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

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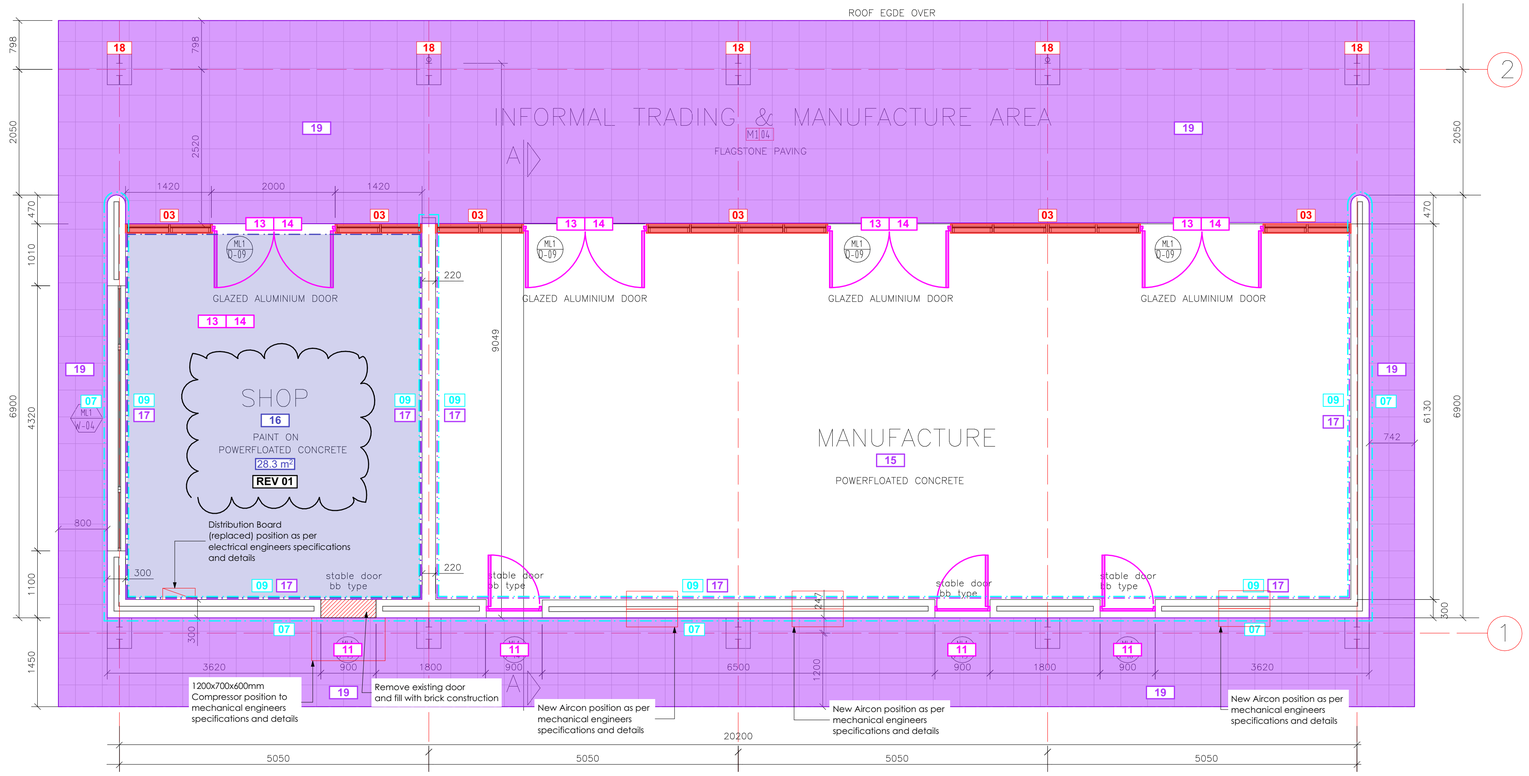
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Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

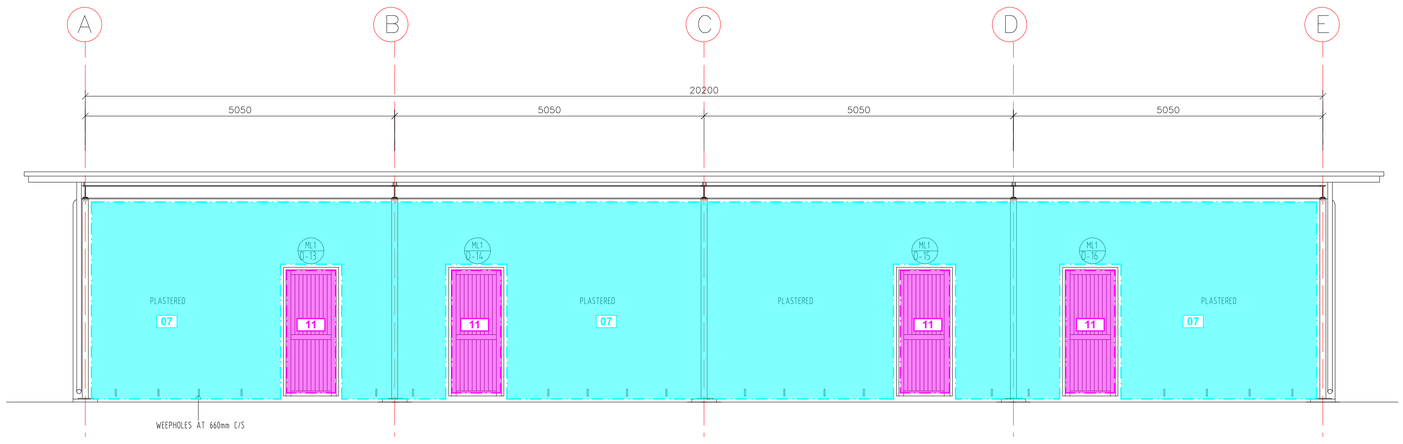
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK M - SHOPS + MANUFACTURE** M1: FLOOR PLAN + ELEVATION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.13.1
rev no.	**01**



BLOCK M2 - SHOPS + MANUFACTURE - FLOOR PLAN

SCALE 1 : 50



BLOCK M2 - SHOPS + MANUFACTURE - SOUTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
M2	SHOPS AND SEWING STORE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
TIMBER PANELS IN ALUMINIUM FRAMES. REFER TO PANEL REPLACEMENT SCHEDULE	3.	Remove existing 22mm thick timber tongue and groove panelling from aluminium frames. Install new 6.38mm laminated clear safety glass to existing aluminium frames, supply and install new black P/C angled Glazing beads and rubber seals to perimeter of each panel Install 20mm polyisocyanurate insulation (PIR) panels, in widths of 1220mm, cut to required lengths and performs to Thermal R Value of 0.83 Apply wallpaper motif (Timber Slats) to outer face, and (Concrete Panels) to inner face, with approved adhesive. Install 30mm black P/C flat aluminium trim, to inside face, riveted to perimeter of panel at 400mm centres. Approximate Sizes per Panel Replacement Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing
	10.	
EXTERNAL TIMBER DOORS	11.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Sand down lightly. Apply 1 ct universal undercoat, 2 coats universal enamel. Colour black.
ALUMINIUM WINDOWS AND DOORS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
	13.	Replace all rubber seals to shopfront type aluminium glazing beads
	14.	Replace door lock and furniture to hinged aluminium framed doors with cylinder mortice lock and aluminium anodised silver finish lever handle and backplate as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC cylinder or equal approved.
FLOOR FINISH	15.	Hack up existing screed as indicated on plan. Cast new pigmented screed to even finish with existing. Approximately 5000 X 6000
SKIRTINGS	16.	Fit new 75 x 19 back trenched hardwood timber skirting against walls Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
DECORATIVE TIMBER COLUMN CLADDING	17.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved
EXTERNAL PAVED APRON	18.	Remove existing lifting and loose. 400 x 400 concrete paving blocks and set aside for reuse. Approximately 10M2 Scarify and compact existing substrate to even slope and level. Apply weed killer. Relay concrete pavers bedded in 25mm 1:4 mortar screed. Joints to be filled with mortar and tooled.

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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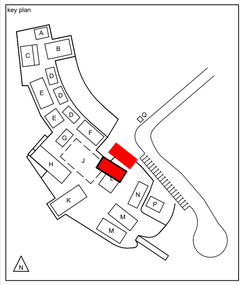
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

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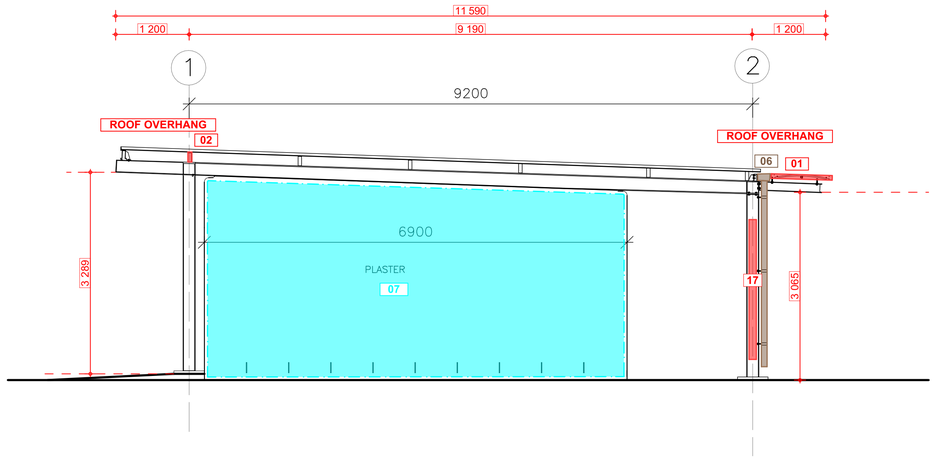
public works
Department:
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REPUBLIC OF SOUTH AFRICA

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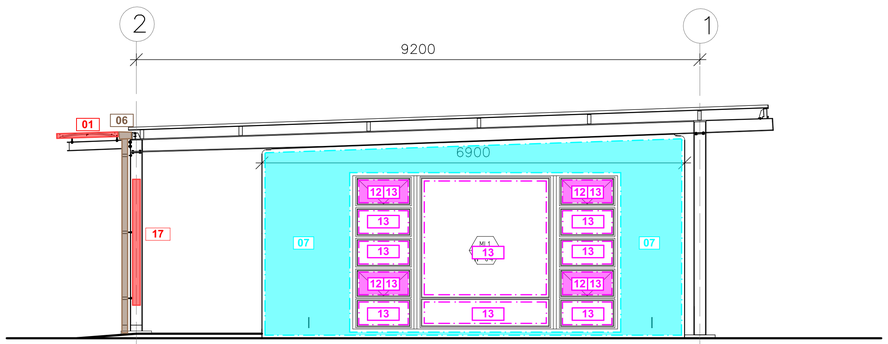
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK M - SHOPS + MANUFACTURE** M2: FLOOR PLAN + ELEVATION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.13.2
rev no.	**01**



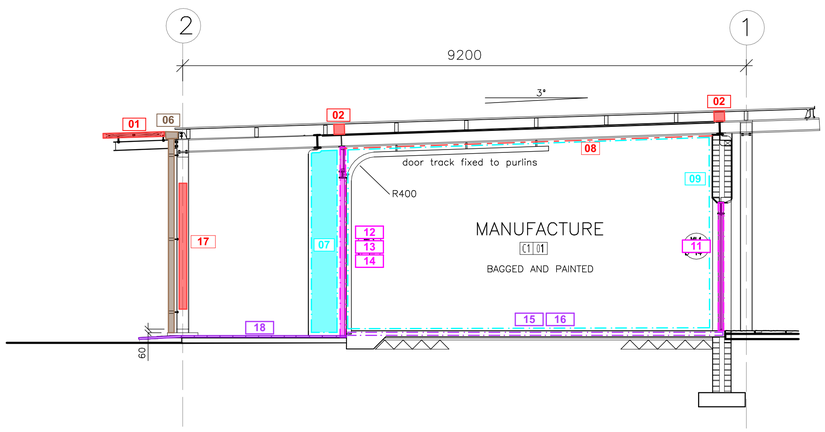
BLOCK M1 - SHOPS + MANUFACTURE - ELEVATION

SCALE 1 : 50



BLOCK M2 - SHOPS + MANUFACTURE - ELEVATION

SCALE 1 : 50



BLOCK M2 - SHOPS + MANUFACTURE - SECTION A

SCALE 1 : 50

BLOCK	DESCRIPTION	
M1	SHOPS AND STORE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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DECORATIVE TIMBER COLUMN CLADDING	18.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

BLOCK	DESCRIPTION	
M2	SHOPS AND SEWING STORE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
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	10.	
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0 0.5 1 2 4m

general notes

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project team

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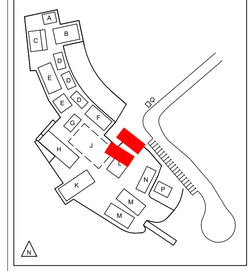
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	03.12.20	Change of specification for floor based on approval of Variation Order 1.	

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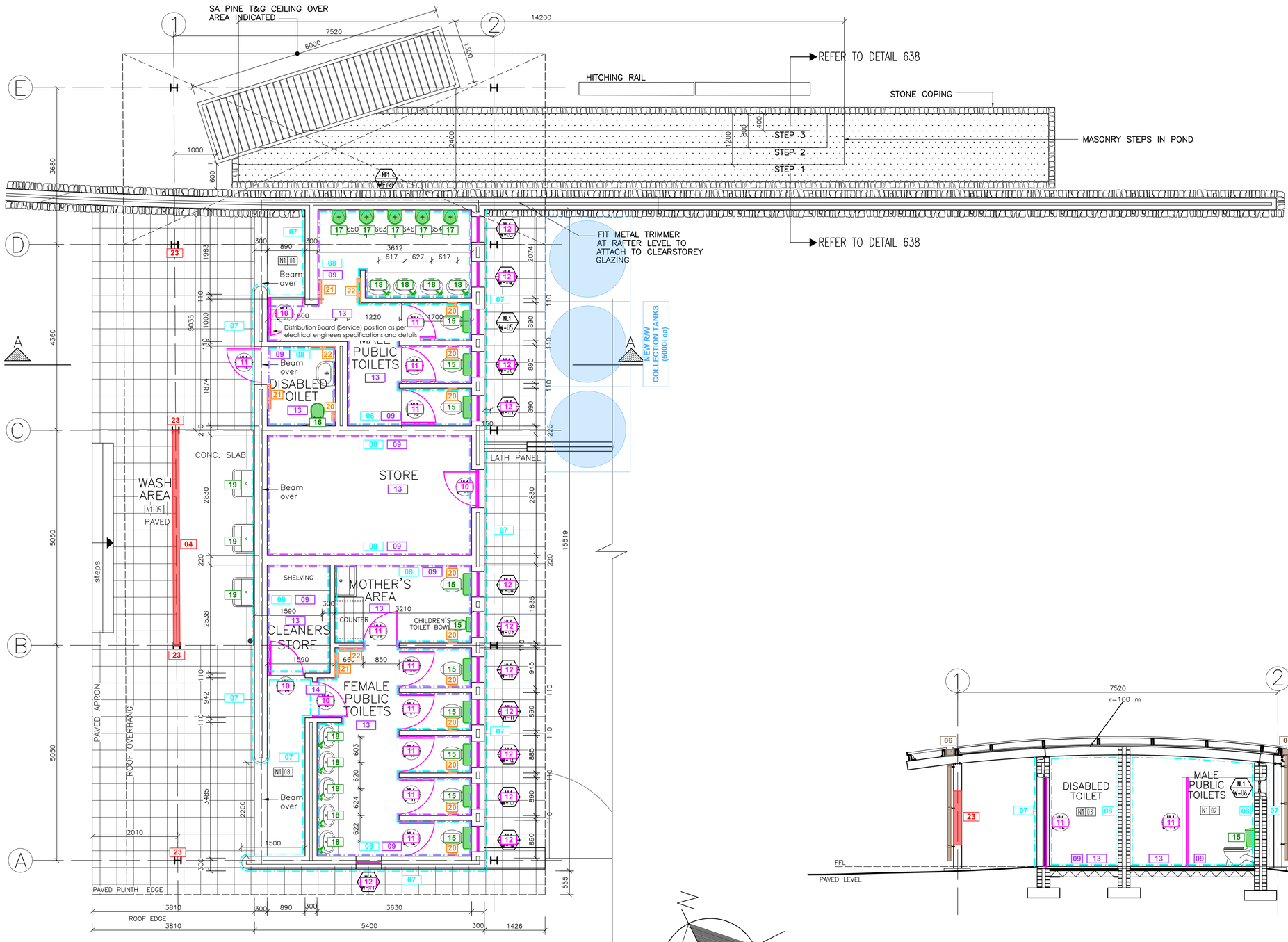
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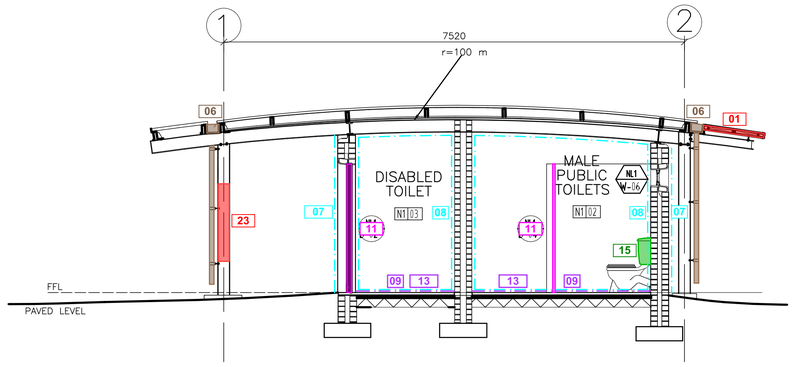
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK M - SHOPS + MANUFACTURE** M2: ELEVATIONS + SECTION 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.13.3
rev no.	**01**



BLOCK N - ABLUTIONS - FLOOR PLAN

SCALE 1 : 50



BLOCK N - ABLUTIONS - SECTION A

SCALE 1 : 50

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
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All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector.

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key plan

other notes

NO	DATE	AMMENDMENT	DPW

Copyright vests in the Department of Public Works

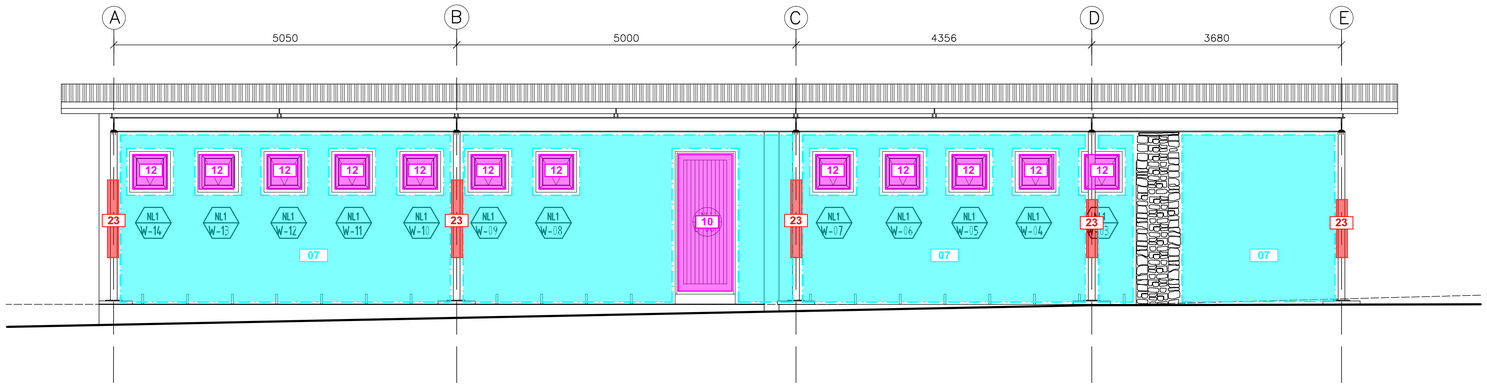
public works
Department: Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZWONKE DLABANTU

INTSIKA architects

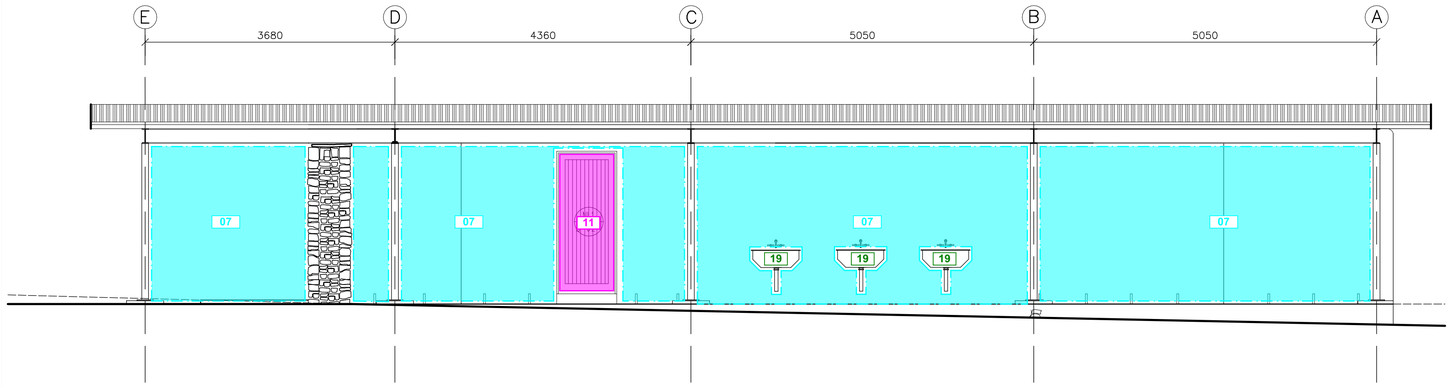
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK N - ABLUTIONS** FLOOR PLAN + SECTION
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.14.1
rev no.	



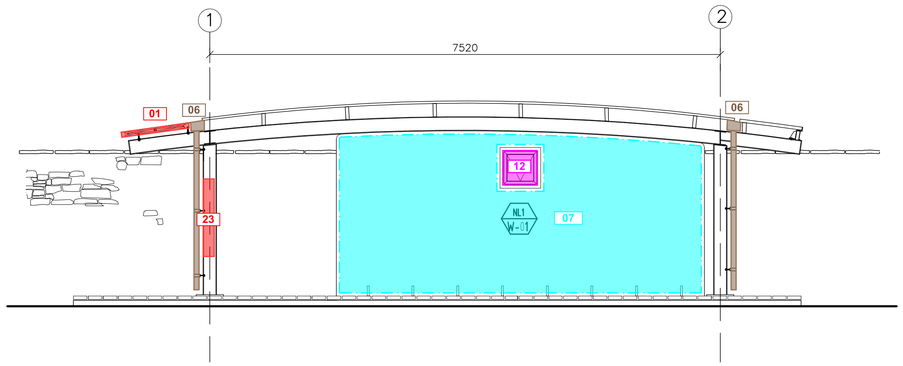
BLOCK N - ABLUTIONS - EAST ELEVATION

SCALE 1 : 50



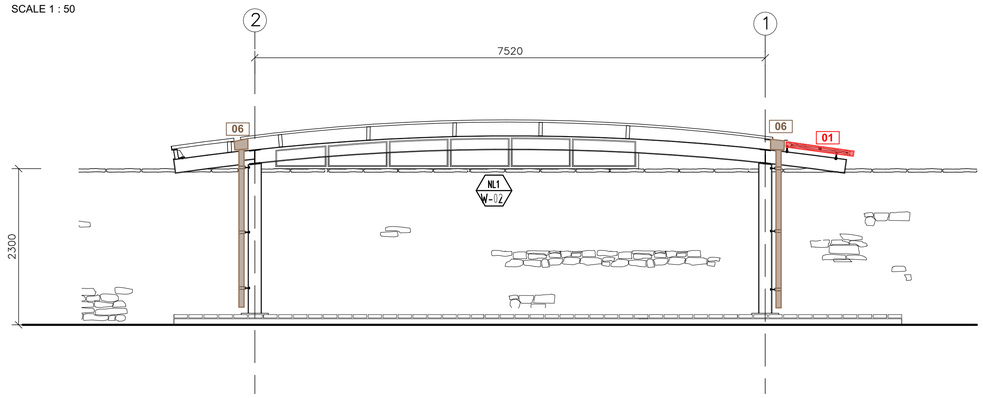
BLOCK N - ABLUTIONS - WEST ELEVATION

SCALE 1 : 50



BLOCK N - ABLUTIONS - SOUTH ELEVATION

SCALE 1 : 50



BLOCK N - ABLUTIONS - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
N	ABLUTIONS	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
VERTICAL LATTICE SCREENS REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
INTERNAL WALLS	8.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply alkali resistant primer to bare patches. Apply 2 coats PVA emulsion paint colour to match existing
	9.	Clean down all slate tiled walls and skirtings
EXTERNAL DOORS	10.	Fit new cylinder mortice locks and c.p. lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2x 18SSC cylinder or equal approved Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
TOILET DOORS AND DISABLED TOILET DOOR	11.	Replace ironmongery with new mortice latch and thumb turn deadbolt with c.p. lever handle and indicator as per AL684TR-73AS Bishop and Union bathroom lock code 2226-78SS or equal approved. Clean down and repaint doors and frames 1 ct universal undercoat & 2 coats universal enamel.
ALUMINIUM WINDOWS	12.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays.
FLOOR FINISH	13.	Abrasive grind the entire floor surface area with a coarse grit orbital sander, apply appropriate Acetone based Cleansing solution to surface, rinse and dry surface. Apply cementitious floor repair screed over chipped areas. Apply 2 coats of GC504 or similar, Surface Tolerant Epoxy, in Light Grey " Husks of Wheat" Colour 4GCP
	14.	Hack up and recast threshold at entrance to Female toilets.
SANITARYWARE	15.	In all toilets except Disabled: Replace WC cisterns with new 9L low level vitreous china cistern complete with flush valve flushing mechanism, ball valve and flush pipe equal to Vaal Klip code 715031 or equal approved Replace existing toilet seats with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	16.	In Disabled toilet: Replace existing toilet seat with heavy duty duroplast plastic toilet seats with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Remove existing urinals. Fit new wall hung vitreous china waterless urinals equal to Waterfree urinal –Flax or equal and approved. Connect to sewer system.
	18.	To all taps except in Disabled Toilet and outdoor washtroughs Replace all wash hand basin tap heads with new 15mm c.p tap heads equal to Ledimo or equal other. Replace basin spout with new 200mm long c.p. tubular spout as per Cobra COB-066TU/WT/ADJ or equal approved
	19.	To external washtroughs: Replace tap heads with new brass bibtap heads to match existing. No. 6 off
	20.	Replace all toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	21.	Provide and fit new stainless steel rolled paper towel dispenser 365 x 315 x 260 equal to Sanitary Reflex stainless steel rolled towel dispenser code SA 426125 or equal other approved.
	22.	Fit stainless steel wall mounted disposal bin 390 x 345 x 290 equal to Sanitary Stainless Steel Disposer code SA426135
TIMBER INFILL TO STEEL COLUMNS	23.	Sand down to a matt finish and apply, strictly in accordance with manufacturers specification, 3 coats water based exterior wood sealer as per Manufacturers Water-Borne Deck sealer or equal approved

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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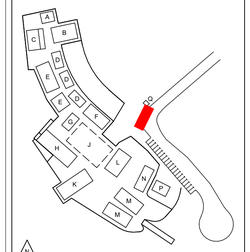
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

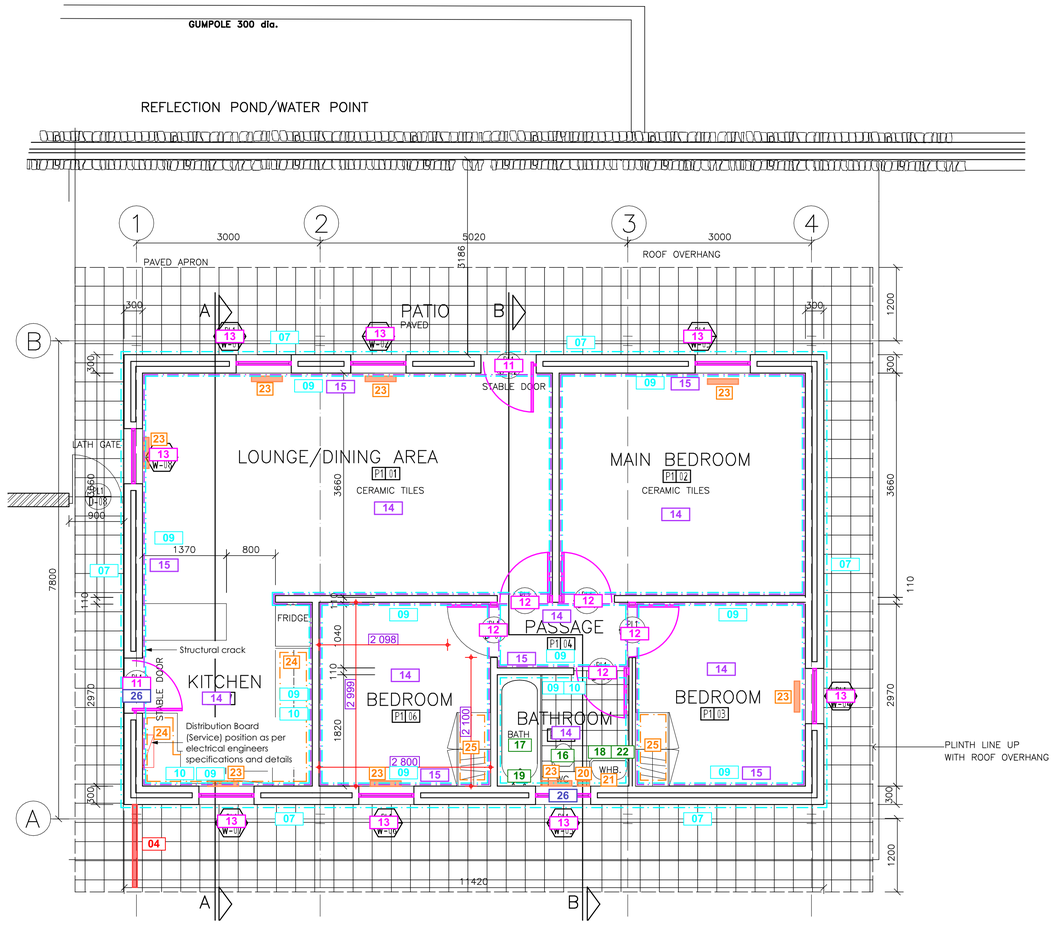
Copyright vests in the Department of Public Works

public works
Department:
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DIRECTOR-GENERAL
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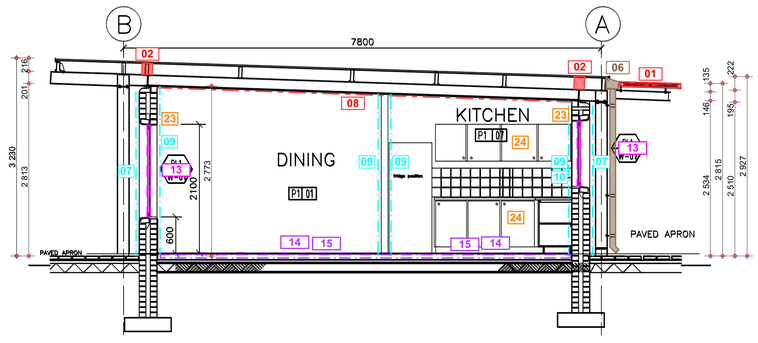
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK N - ABLUTIONS** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.14.2
rev no.	



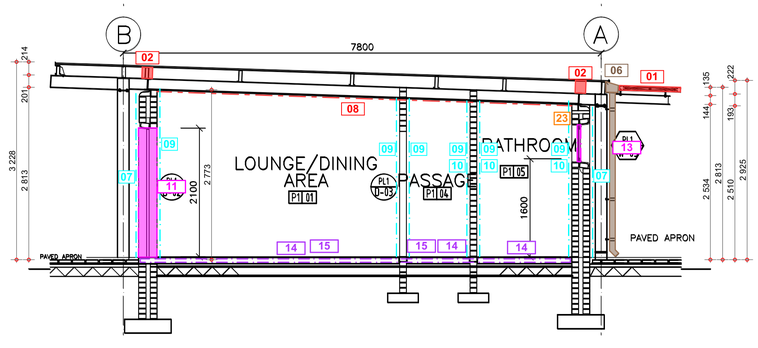
BLOCK P - CARETAKERS FLAT - FLOOR PLAN

SCALE 1 : 50



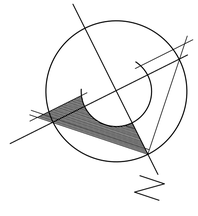
BLOCK P - CARETAKERS FLAT - SECTION A

SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION B

SCALE 1 : 50



0 0.5 1 2 4m

BLOCK	DESCRIPTION	
P	CARETAKER'S HOUSE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
VERTICAL LATTICE SCREEN TO EXTERNAL DOUBLE GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathroom and Kitchen. Clean down all white glazed tiled walls. Clean grouting with propriety mould remover.
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten stable doors hung with 1 pr brass butt hinges per leaf on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	12.	Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply I coat universal undercoat, 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS	13.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. Replace all gaskets.
FLOOR FINISH	14.	Clean, strip and seal existing vinyl sheet flooring
SKIRTINGS	15.	All rooms except bathroom (no skirting in bathroom) Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	16.	Replace existing toilet seat with heavy duty duroplast plastic toilet seat with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Clean out bath and provide new rubber bathplug.
	18.	Replace wash hand basin tap heads with new 15mm c.p wash hand basin tapheads as per Ledimo LO-214-15 or equal other.
	19.	Replace bath tap heads with new 15mm c.p bath tapheads as per Ledimo LO-214-15 or equal other.
	20.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	21.	Replace 400 x 600 mirror screwed to wall with dome headed mirror screws
	22.	Remove silicon sealer around wash hand basin. Prime surfaces and reseal with white silicon sealant.
CURTAIN TRACKS	23.	Fit 1200 long aluminium single track curtain track suitable for heavyweight curtains with powder coated steel brackets complete with 24 runners and stop ends above all windows.
JOINERY	24.	In Kitchen: Remove all existing kitchen cupboards, sink units and fittings. Replace with new joinery as per drawing. Fit new bowl mounted sink mixer with swivel spout as per Ledimo LO-296 or equal approved.
	25.	In Bedrooms: Fit new 1200w x 2100h x 550d cupboards with 1 door shelf space 2 doors hanging space as per cupboard drawing.
STRUCTURE REPAIR	26.	Remove existing lintols, and replace with new lintols at correct bearings of 150mm min both sides as per engineers details. Removed plaster to be replaced and area made good. Paint repaired areas to match existing.

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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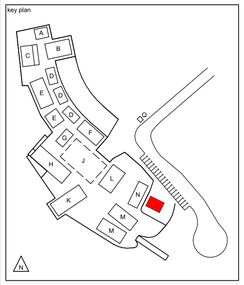
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	02.03.20	ADDITIONAL DIMENSIONS SUPPLIED.	
02	03.12.20	LINTOL REPLACEMENT AS PER APPR. VO1.	

Copyright vests in the Department of Public Works

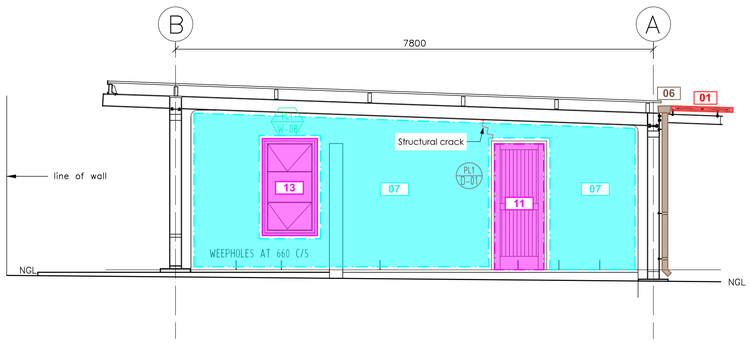
public works
Department:
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REPUBLIC OF SOUTH AFRICA

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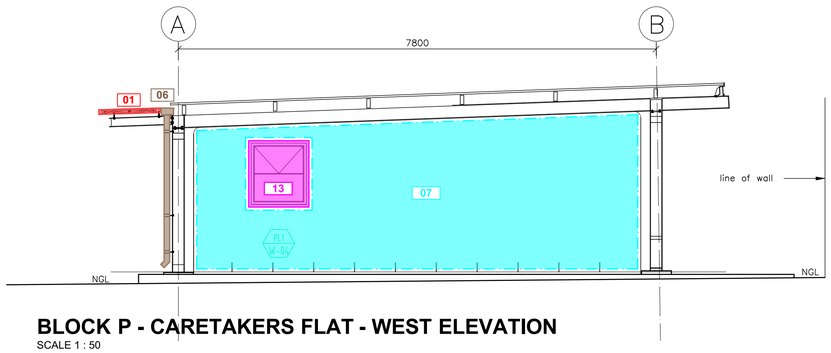
issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK P - CARETAKERS FLAT** FLOOR PLAN + SECTIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.15.1
rev no.	02



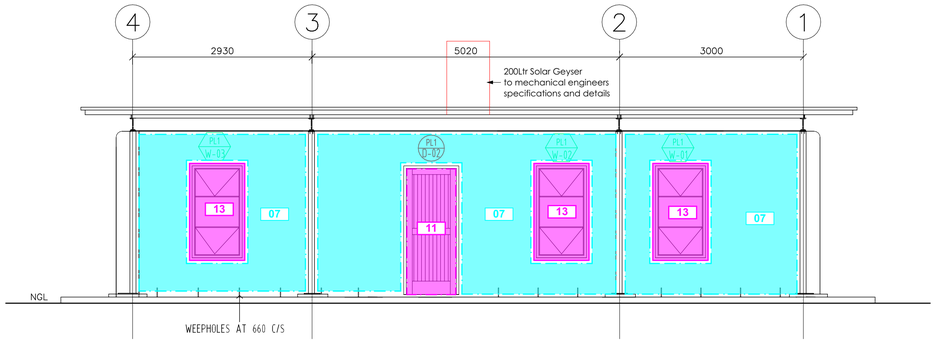
BLOCK P - CARETAKERS FLAT - EAST ELEVATION

SCALE 1 : 50



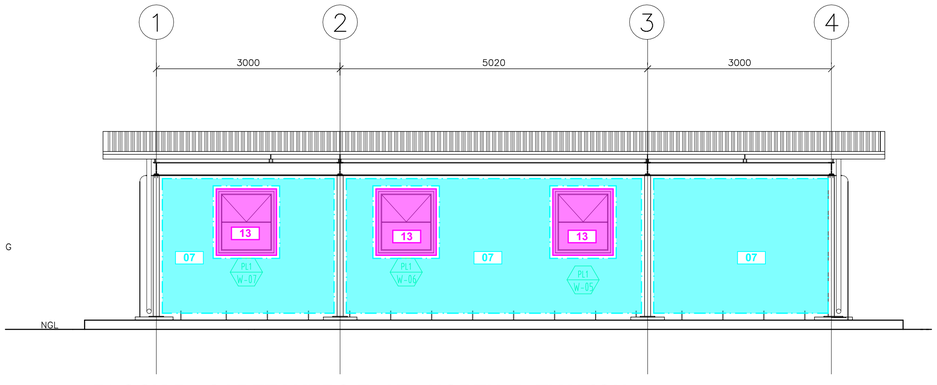
BLOCK P - CARETAKERS FLAT - WEST ELEVATION

SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SOUTH ELEVATION

SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - NORTH ELEVATION

SCALE 1 : 50

BLOCK	DESCRIPTION	
P	CARETAKER'S HOUSE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
VERTICAL LATTICE SCREEN TO EXTERNAL DOUBLE GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathroom and Kitchen. Clean down all white glazed tiled walls. Clean grouting with propriety mould remover.
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten stable doors hung with 1 pr brass butt hinges per leaf on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
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ALUMINIUM WINDOWS	13.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. Replace all gaskets.
FLOOR FINISH	14.	Clean, strip and seal existing vinyl sheet flooring
SKIRTINGS	15.	All rooms except bathroom (no skirting in bathroom) Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	16.	Replace existing toilet seat with heavy duty duroplast plastic toilet seat with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Clean out bath and provide new rubber bathplug.
	18.	Replace wash hand basin tap heads with new 15mm c.p wash hand basin tapheads as per Ledimo LO-214-15 or equal other.
	19.	Replace bath tap heads with new 15mm c.p bath tapheads as per Ledimo LO-214-15 or equal other.
	20.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	21.	Replace 400 x 600 mirror screwed to wall with dome headed mirror screws
	22.	Remove silicon sealer around wash hand basin. Prime surfaces and reseal with white silicon sealant.
CURTAIN TRACKS	23.	Fit 1200 long aluminium single track curtain track suitable for heavyweight curtains with powder coated steel brackets complete with 24 runners and stop ends above all windows.
JOINERY	24.	In Kitchen: Remove all existing kitchen cupboards, sink units and fittings. Replace with new joinery as per drawing. Fit new bowl mounted sink mixer with swivel spout as per Ledimo LO-296 or equal approved.
	25.	In Bedrooms: Fit new 1200w x 2100h x 550d cupboards with 1 door shelf space 2 doors hanging space as per cupboard drawing.
STRUCTURE REPAIR	26.	Remove existing lintols, and replace with new lintols at correct bearings of 150mm min both sides as per engineers details. Removed plaster to be replaced and area made good. Paint repaired areas to match existing.

0 0.5 1 2 4m

general notes

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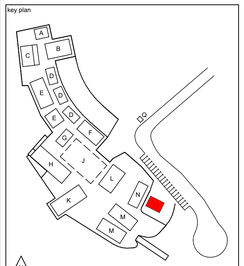
Structural Engineer:
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

Copyright vests in the Department of Public Works

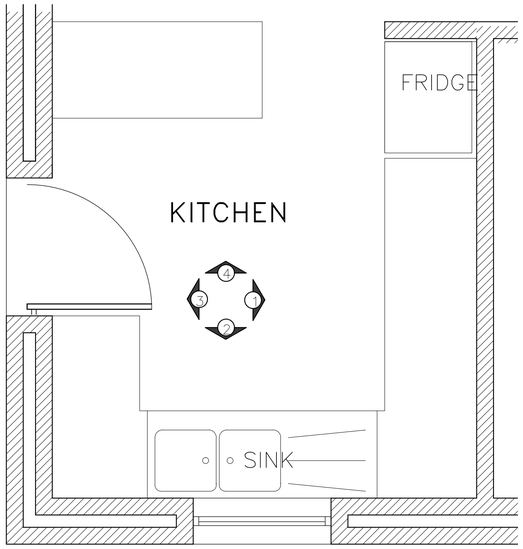
public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

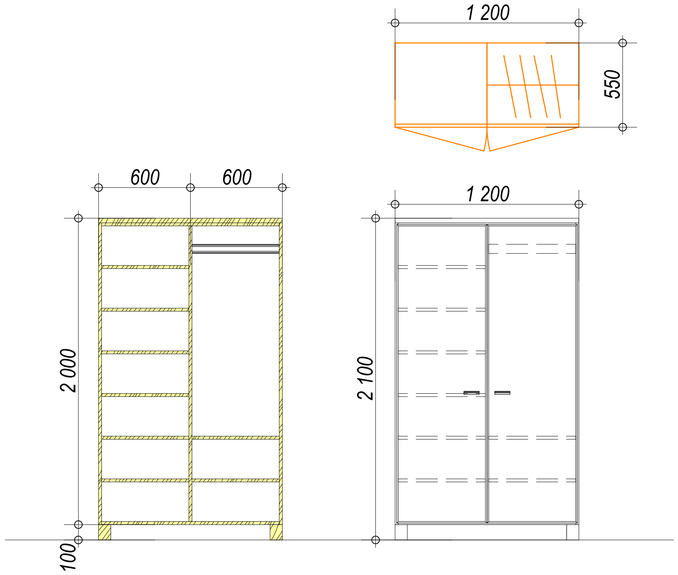
INTSIKA architects

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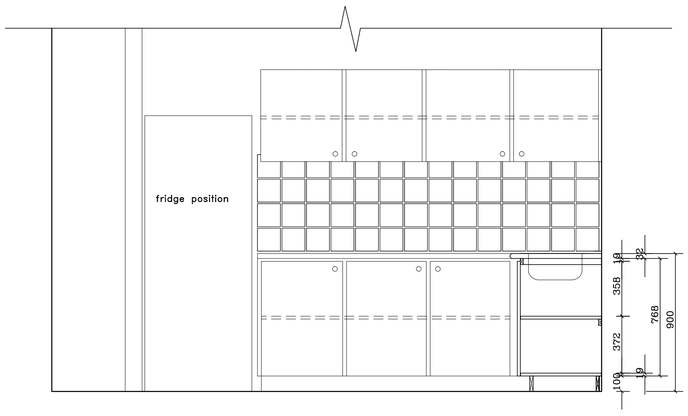
discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK P - CARETAKERS FLAT** ELEVATIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.15.2
rev no.	



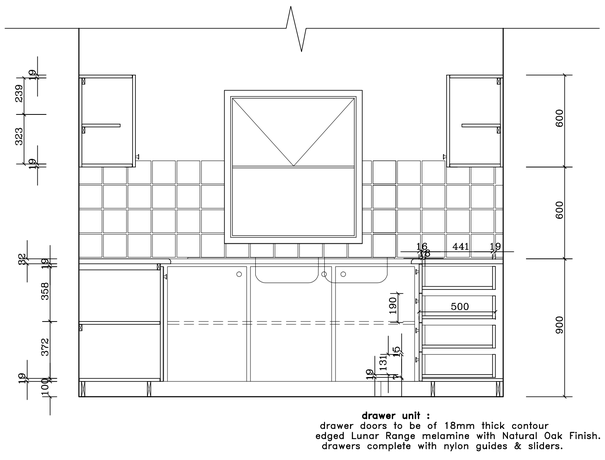
BLOCK P - CARETAKERS FLAT - KITCHEN PART PLAN
SCALE 1 : 50



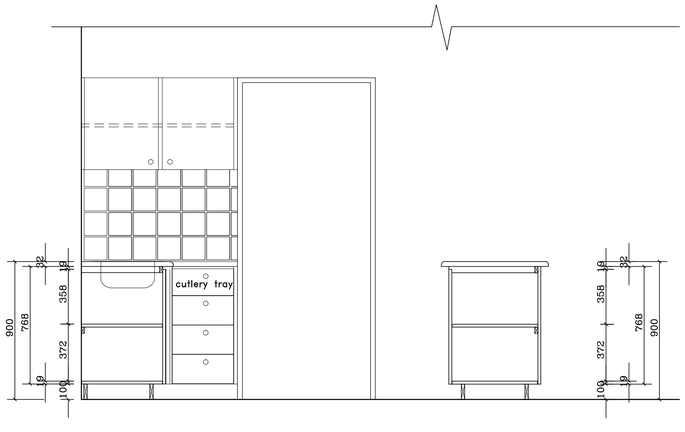
BLOCK P - CARETAKERS FLAT - BIC
SCALE 1 : 20



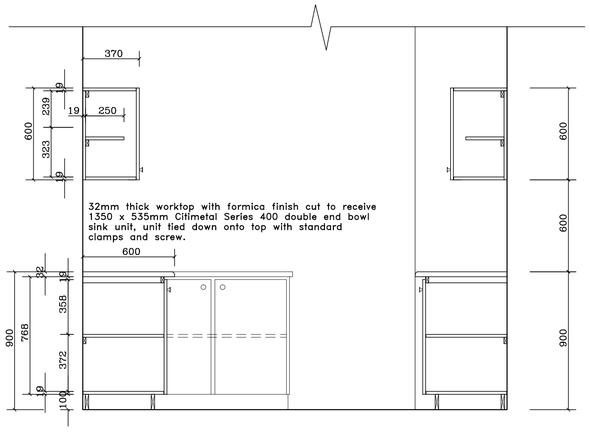
BLOCK P - CARETAKERS FLAT - SECTION 1
SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION 2
SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION 3
SCALE 1 : 50



BLOCK P - CARETAKERS FLAT - SECTION 4
SCALE 1 : 50

BLOCK	DESCRIPTION	
P	CARETAKER'S HOUSE	
ITEM	**CODE**	**SPECIFICATION**
ROOF SUN LOUVRE LATTICE REFER GMS 1	1.	Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Sun Louvre Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
BEAM FILLING	2	Fit new galv. sheet cladding to existing timber beam fillers as per beamfill detail.
VERTICAL LATTICE SCREEN TO EXTERNAL DOUBLE GATE REFER GMS 2	4.	Remove existing timber latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework. Approximate Sizes per GMS Screens Schedule All Sizes to be checked and verified on site by manufacturer prior to manufacture
RAINWATER GOODS	6	Flush out and clean gutters and downpipes.
EXTERNAL WALLS	7.	Clean down and prepare painted plastered wall as per paint manufacturer's specification Apply 2 coats acrylic emulsion paint for exterior use. Colour to match existing.
CEILINGS + CORNICES	8.	Clean and lightly sand down existing T&G pine ceilings and cornices. Apply 1 coat alkyd based universal undercoat. Apply 2 coats acrylic pva emulsion paint
INTERNAL PAINTED WALLS	9.	Clean down, patch, prepare and prime existing plastered and painted wall as per paint manufacturer's specification Apply 2 coats PVA emulsion paint. Colour to match existing.
INTERNAL TILED WALLS	10.	In Bathroom and Kitchen. Clean down all white glazed tiled walls. Clean grouting with propriety mould remover.
EXTERNAL TIMBER DOORS	11.	Remove existing doors and frames. Replace with new 44mm treated framed ledged and braced open back pine batten stable doors hung with 1 pr brass butt hinges per leaf on 105 x 70 single rebated pine door frames to fit opening. Frames to be fixed to walls with 3 no. 10 mm expanding bolts per stile, countersunk into frame and plugged. Door leaf size approximately 2032 x 1000 Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply wood primer and 2 coats superior quality universal enamel with light sanding between coats. Colour - black
INTERNAL TIMBER DOORS	12.	Fit new cylinder mortice locks and lever handle door furniture as per Protea code CB612-09SC with Euro cylinder lock code L-2209-78SS 2 x 18SSC or equal approved. Sand down, apply I coat universal undercoat, 2 coats superior quality universal enamel with light sanding between coats. Colour - black
ALUMINIUM WINDOWS	13.	Ease and service all aluminium window mechanisms. Replace all window friction slides to top hung windows with new stainless steel friction stays. Replace all gaskets.
FLOOR FINISH	14.	Clean, strip and seal existing vinyl sheet flooring
SKIRTINGS	15.	All rooms except bathroom (no skirting in bathroom) Sand down, apply 2 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	16.	Replace existing toilet seat with heavy duty duroplast plastic toilet seat with nylon hinge as per Dutton A1 High Traffic Toilet Seat or equal approved.
	17.	Clean out bath and provide new rubber bathplug.
	18.	Replace wash hand basin tap heads with new 15mm c.p wash hand basin tapheads as per Ledimo LO-214-15 or equal other.
	19.	Replace bath tap heads with new 15mm c.p bath tapheads as per Ledimo LO-214-15 or equal other.
	20.	Replace toilet roll holders with stainless steel double toilet roll dispenser 256h x130w x135d equal to Sanitary code MR2 Stainless Steel Tissue dispenser code SA426130 or equal other approved.
	21.	Replace 400 x 600 mirror screwed to wall with dome headed mirror screws
	22.	Remove silicon sealer around wash hand basin. Prime surfaces and reseal with white silicon sealant.
CURTAIN TRACKS	23.	Fit 1200 long aluminium single track curtain track suitable for heavyweight curtains with powder coated steel brackets complete with 24 runners and stop ends above all windows.
JOINERY	24.	In Kitchen: Remove all existing kitchen cupboards, sink units and fittings. Replace with new joinery as per drawing. Fit new bowl mounted sink mixer with swivel spout as per Ledimo LO-296 or equal approved.
	25.	In Bedrooms: Fit new 1200w x 2100h x 550d cupboards with 1 door shelf space 2 doors hanging space as per cupboard drawing.
STRUCTURE REPAIR	26.	Remove existing lintols, and replace with new lintols at correct bearings of 150mm min both sides as per engineers details. Removed plaster to be replaced and area made good. Paint repaired areas to match existing.

WORKTOP:
32mm thick post formed Formica worktop
Delta 90 colour 632 Blue Marble

SINK
32mm thick worktop with formica finish cut to receive 1350 x 535mm Citimetal Series 400 double end bowl sink unit, unit tied down onto top with standard clamps and screw.

DOOR PANEL:
18mm thick melamine contour edged lunar rand,e doors by Formica, Colour 769 Oxford Cherry, fixed with potted self closing concealed steel hinges

SHELVES:
16mm thick melawood shelving with Utility White Peen finish

DRAWER UNIT
19mm thick superwood contour edged Lunar range melamine doors, colour 769 Oxford Cherry complete with Nylon guides and sliders

HANDLE :
SOLID E40 zinc alloy chrome plated conecave knob (code 101)

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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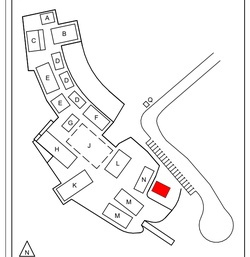
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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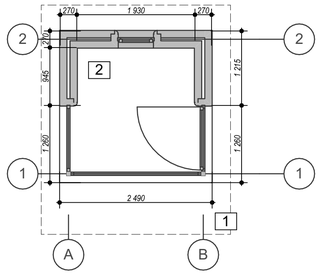
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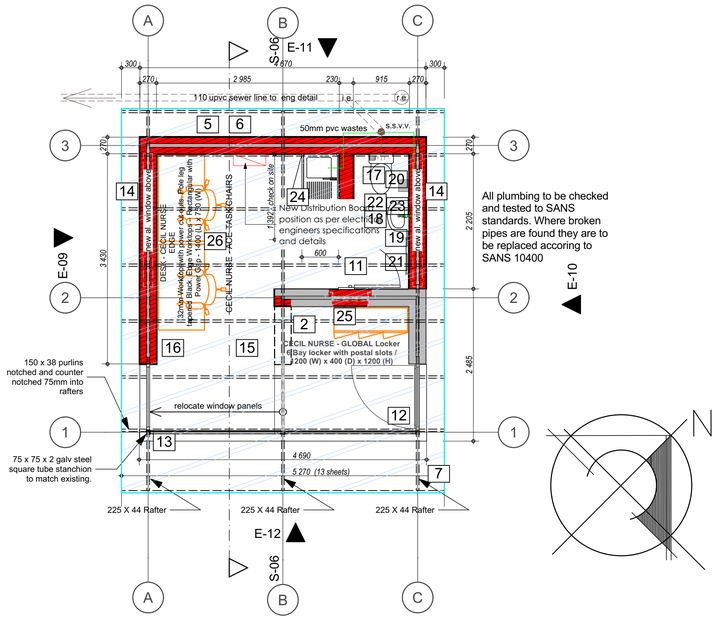
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK P - CARETAKERS FLAT** JOINERY DETAILS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.15.3
rev no.	





BLOCK Q - GUARD HOUSE - EX. FLOOR PLAN
SCALE 1 :25

BLOCK Q - GUARD HOUSE - PROPOSED FLOOR PLAN
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - SOUTH WEST ELEVATION 09
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - NORTH WEST ELEVATION 11
SCALE 1 : 50

Q	EXTEND GATE HOUSE AS PER PLAN	
ITEM	**CODE**	**SPECIFICATION**
EXISTING STRUCTURE	1.	Remove existing roof sheeting and roof structure
	2.	Demolish section of existing wall, remove window and brick up opening as indicated on plan.
NEW STRUCTURE		Build up altered and extended building as per detail plan.
FOUNDATIONS	3.	Excavate and cast foundations as per engineers detail
FOUNDATION WALLS. FILLING, DPM AND CONRETE FLOOR SLAB	4.	Build up new 230 mm foundation walls of 14MPA NFX bricks in class 2 mortar with 150mm wide reinforcement in each course all as per PW 371. Fill with inert material and compact to 95% MOD AASHTO Lay 50mm sand bed. Lay 250micron damp proof membrane. Cast new 100mm 20MPa concrete surface bed with Ref 193 fabric reinforcement as per Eng. detail with powerfloat finish. Cure for minimum 7 days.
SUPERSTRUCTURE	5.	Build up new 230 mm walls of 14MPa NFX bricks in class 2 mortar with 150mm wide reinforcement every 4th course all as per PW 371. To heights indicated on plan.
EXTERNAL AND INTERNAL WALLS	6.	To all walls. Apply min 15mm cement plaster composed of 1 part cement to 5 parts sand in accordance with PW371. Plaster is to be cured by keeping damp and protected from drying out for a minimum of 7 days. Clean down, patch, prepare and prime plastered wall as per paint manufacturer's specification Apply 1 coat alkali resistant plaster primer Apply 2 coats acrylic emulsion paint for exterior use.
ROOF STRUCTURE	7.	New secret fix galv. rib trough sheets to match existing (Kliplock or equal) 3 off roof rafters of 225 x 44 S.A.pine p.a.r as per roof plan and at slope to match the existing slope. Rafters secured to walls with 32mm hoop iron wrapped and spiked to rafter and built into brickwork min 600mm and secured to galv. columns at corners and junction of new and existing window sections. 152 x 38 purlins notched into roof rafters. Prime sprockets and exposed rafters I coat wood primer. Apply 3 coats superior quality universal enamel. Fit purpose made bent 0.8 mm galv. factory colour coated sheet iron fascia and side barges.
RAINWATER GOODS	8.	Small Ogee profile aluminium seamless gutter, overall size 85 x 85 x 0,6mm thick coated internally and externally with ColourTech G4 in colour Anthracite Black including stop ends crimped and all sealed on the inside with silicone sealer, secured to timber fascia with 25 x 2,5mm L - Shaped and internal brackets at 600mm centres using passivated serrated nails, with 75 x 50 x 0,6mm thick aluminium downpipe Anthracite Black fixed to wall with straps at 1500mm centres using nail plugs, with downpipes riveted and silicone sealed to gutter outlets, including all necessary bends, elbows, shoes etc.
CEILINGS + CORNICES	9.	Fit new 75mm T&G boarding ceiling on to u/s of purlins between rafters Fit 44 x 18 S.A.pine cornice on flat to all ceilings. Sand down, clean and prime new timber with timber primer. Allow to dry. Apply 1 coat alkyd based universal undercoat. Apply 2 coats superior quality universal enamel
INSULATION	10.	Fit 100mm woodwool / fibreglass insulation blanket between rafters and purlins.
INTERNAL DOOR	11.	Single rebate galv. doorframe for 230 plastered wall of 1,2mm pressed steel. 2032 x 815 x 44mm semi solid flush panel door on 1 and half pairs steel butt hinges. Mortice turn button toilet indicator deadbolt. Prime and paint 3 cts universal enamel
ALUMINIUM WINDOWS AND DOOR	12.	Refit reused aluminium windows and door. Replace damaged powder coated aluminium window frame sections. Sections as per NuKlip system. Service ironmongery and door furniture to existing aluminium door
	13.	Provide and fit new galv. corner stanchion to match existing to support roof and attach aluminium shopfronts and side panel Provide and fit new aluminium windows equal to the existing front window panel and attach re-used side panel.
	14.	Fit new aluminium windows with 6mm safety glazing as per SANS 10137 between top of brickwork and underside of roof rafter as per plan. Provide plaster cill.
FLOOR FINISH	15.	Hack off existing screed. Cast new 30mm pigmented screed to entire extended structure
SKIRTINGS	16.	Fit new 75 x 19 back trenched hardwood timber skirting. Sand down, apply knotting, 1 ct sanding sealer and 3 cts polyurethane varnish equal to Manufacturers Woodcare X35 with light sanding between coats, all strictly in accordance with manufacturers specification.
SANITARYWARE	17.	Fit new vitreous china WC with low level 6L cistern with a 90° outlet wash down pan and matching 6 litre SISO cistern complete with lid, fitments and flushpipe equal to Vaal Aquasave Low Level suite Product Code 750151 or other approved. Connect to 110 pvc sewer with sabs approved pvc pan connector.
	18.	Fit to wall 455 x 290 vitreous china basin with one taphole, integrated overflow and chainstay hole equal to Vaal Bantam Cloakroom basin product code 7030 or equal and approved other. Fit c.p waste and bottle trap and connect to 50mm wastepipe.
	19.	Fit 15mm basin pillar tap as per Ledimo or equal approved. Connect to cold water supply
	20.	Provide and fit c.p. thief proof toilet roll holder
	21.	Provide and fit 600mm c.p 19mm towel rail and brackets.
	22.	Provide 2 tile high 150X150 white glazed tile splashback above basin
	23.	Provide and fit to wall above basin 600 x 400 mirror fixed to wall with 4 x domed mirror screws
JOINERY	24.	Provide and fit drop in stainless steel sink unit on new cupboard as per drawing. Fit 15mm c.p. single tap prep bowl tap with 116 throw swivel aerated outlet as per Cobra S-044 r equal approved to sink unit. Provide 150 x 150 w.g.t 2 tile high splashback behind sink unit laid in cementitious adhesive and with waterproof grout to joints.
LOCKER	25.	Provide 1200 (W) x 400 (D) x 1200 (H) locker as per drawing as per MANUFACTURER - GLOBAL Locker 6 Bay locker with postal slots or equal approved.
DESKS AND CHAIRS	26.	Provide desks 1400 (L) x 750 (W) 32mm Worktops with power cut outs on tapered pole legs as per MANUFACTURER Edge Worktops or equal approved. Provide height adjustable swivel chairs having Black polypropylene shell, fixed arms, black nylon 5-star base on castors, seat & back upholstered in standard dark grey fabric as per Manufacturer Ace task chairs or equal approved other.

BLOCK Q - GUARD HOUSE - NORTH EAST ELEVATION 10
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - SOUTH EAST ELEVATION 12
SCALE 1 : 50

BLOCK Q - GUARD HOUSE - SECTION 06
SCALE 1 : 50

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**BLOCK Q - GUARD HOUSE** FLOOR PLAN + SECTIONS
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.16.1
rev no.	

NELSON MANDELA MUSEUM
ERF NO. (*TO BE APPR.*)
QUNU, EASTERN CAPE

SITE AREA: 14.6 ha

ERF 1043

RE/328

ERF 327

EX ACCESS ROAD

CONTRACTOR ACCESS

PHASE I

PHASE II

PHASE

EX. TENNIS COURT 668.4 m²

EX. TENNIS COURT 667.3 m²

EX. VEG GARDEN

EX. IRRIGATION TANK

PROPOSED PARKING AREA

PROPOSED HOARDED AREA

EX. SEWER SYSTEM

NEW SEWER TREATMENT PONDS

PROPOSED 2.1M HIGH CLEAVU FENCE

BM1 921.879

BM2 916.028

BM3 902.825

BM4 918.690

BM5 902.395

BM6 903.576

BM7 900.702

QNU TRG 210 927.400

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D	36466.475	3517993.303
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H	36964.352	3517924.485
I	37044.562	3517785.149
J	36913.854	3517677.256
K	36834.427	3517782.585
L	36783.144	3517748.454
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N	36706.558	3517685.517
O	36691.078	3517695.016
P	36684.500	3517684.294
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R	36757.764	3517873.135
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T	36794.839	3517962.986
U	36829.694	3517889.881

KEY LEGEND

- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
- EXISTING STORMWATER
- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
BM5	36663.293	3518148.245	902.395
BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE EXTENTS PLAN 1

NELSON MANDELA MUSEUM

Scale 1:1000

0 0.5 1 2 4m

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key plan

key plan - locality

NO	DATE	AMMENDMENT	DPW

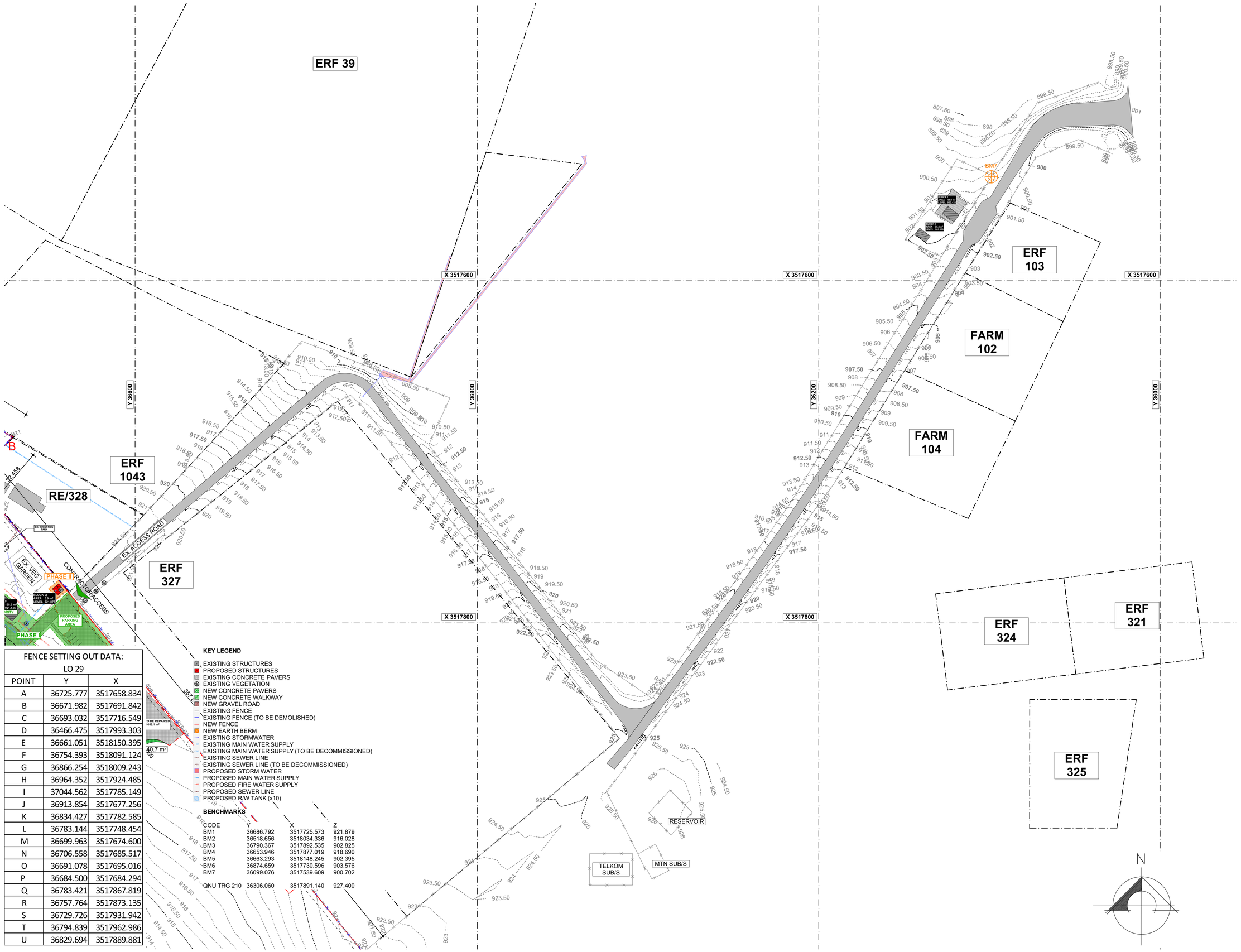
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MR. MZWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN SITE EXTENTS PLAN 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.1
rev no.	



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
A	36725.777	3517658.834
B	36671.982	3517691.842
C	36693.032	3517716.549
D	36466.475	3517993.303
E	36661.051	3518150.395
F	36754.393	3518091.124
G	36866.254	3518009.243
H	36964.352	3517924.485
I	37044.562	3517785.149
J	36913.854	3517677.256
K	36834.427	3517782.585
L	36783.144	3517748.454
M	36699.963	3517674.600
N	36706.558	3517685.517
O	36691.078	3517695.016
P	36684.500	3517684.294
Q	36783.421	3517867.819
R	36757.764	3517873.135
S	36729.726	3517931.942
T	36794.839	3517962.986
U	36829.694	3517889.881

KEY LEGEND

- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
- EXISTING STORMWATER
- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
BM5	36663.293	3518148.245	902.395
BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE EXTENTS PLAN 2 — NELSON MANDELA MUSEUM — Scale 1:1000 (0 0.5 1 2 4m)

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

Principal Consultant / Architect:
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E-mail: rob@intsika.com

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E-mail: jabu@carifro.com

key plan

key plan - locality

NO	DATE	AMMENDMENT	DPW

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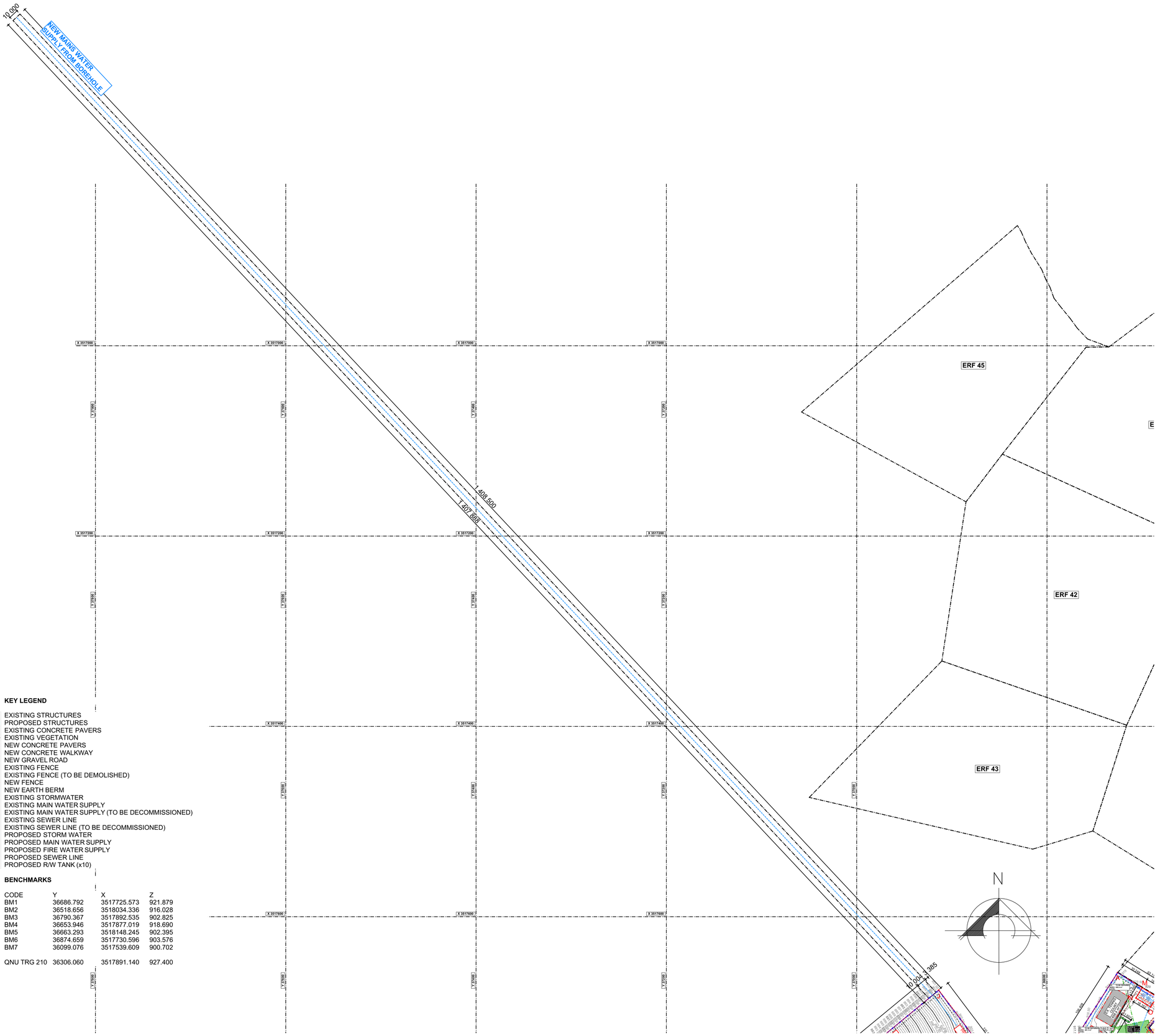
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Department: Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN SITE EXTENTS PLAN 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.2
rev no.	



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
A	36725.777	3517658.834
B	36671.982	3517691.842
C	36693.032	3517716.549
D	36466.475	3517993.303
E	36661.051	3518150.395
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U	36829.694	3517889.881

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- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
- EXISTING STORMWATER
- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

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BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
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BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE EXTENTS PLAN 3

NELSON MANDELA MUSEUM

Scale 1:2000

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
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E-mail: rob@intsika.com

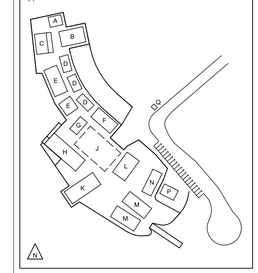
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Imvelo Quantity Surveyors
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Cell: 082 652 4065
E-mail: imveloqsk @telkomsa.net

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Fax: 043 726 9488
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E-mail: lindykrause@ cbmafrica.co.za

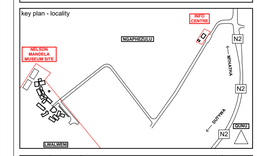
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Francois Van Graan
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Fax: 041 373 7135
Cell: 082 852 7725
E-mail: fvg@bviec.co.za

Electrical / Mechanical Engineer:
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Cell:
E-mail: jabu@carifro.com

key plan



key plan - locality



NO	DATE	AMMENDMENT	DPW

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MR. MZWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**SITE PLAN** SITE EXTENTS PLAN 3
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.3
rev no.	



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
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B	36671.982	3517691.842
C	36693.032	3517716.549
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E	36661.051	3518150.395
F	36754.393	3518091.124
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KEY LEGEND

- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- EXISTING CONCRETE PAVERS
- EXISTING VEGETATION
- NEW CONCRETE PAVERS
- NEW CONCRETE WALKWAY
- NEW GRAVEL ROAD
- EXISTING FENCE
- EXISTING FENCE (TO BE DEMOLISHED)
- NEW FENCE
- NEW EARTH BERM
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- EXISTING MAIN WATER SUPPLY
- EXISTING MAIN WATER SUPPLY (TO BE DECOMMISSIONED)
- EXISTING SEWER LINE
- EXISTING SEWER LINE (TO BE DECOMMISSIONED)
- PROPOSED STORM WATER
- PROPOSED MAIN WATER SUPPLY
- PROPOSED FIRE WATER SUPPLY
- PROPOSED SEWER LINE
- PROPOSED R/W TANK (x10)

BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
BM3	36790.367	3517892.535	902.825
BM4	36653.946	3517877.019	918.690
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BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE WORKS PLAN

NELSON MANDELA MUSEUM

Scale 1:500

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
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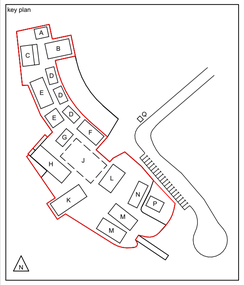
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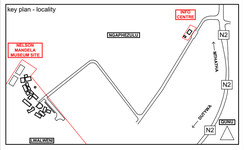
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key plan



key plan - locality



NO	DATE	AMMENDMENT	DPW

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MR. MZIWONKE DLABANTU

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issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN SITE WORKS PLAN
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.4
rev no.	



FENCE SETTING OUT DATA: LO 29		
POINT	Y	X
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B	36671.982	3517691.842
C	36693.032	3517716.549
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BENCHMARKS

CODE	Y	X	Z
BM1	36686.792	3517725.573	921.879
BM2	36518.656	3518034.336	916.028
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BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE WORKS PLAN

NELSON MANDELA MUSEUM

Scale 1:500

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
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key plan

key plan - locality

NO	DATE	AMMENDMENT	DPW

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DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
INFORMATION

discipline: Architect & Principal Agent
services: **Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no. 051731
drawing title: **SITE PLAN**
SECTIONAL COMPLETION PROPOSAL
building classification: A1 A2 A3 A4 F1 G1 H1
ref no. 19/2/4/2/2/6958/001 | design. RKG
scale As Shown | drawn LGM
date 2024/07/04 | checked RKG
DPW drawing no. NMM/ARCH/SPC.17.5 | rev no.



FENCE SETTING OUT DATA: LO 29		
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BM6	36874.659	3517730.596	903.576
BM7	36099.076	3517539.609	900.702
QNU TRG 210	36306.060	3517891.140	927.400

SITE WORKS PLAN

NELSON MANDELA MUSEUM

Scale 1:500

0 0.5 1 2 4m

general notes

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E-mail: rob@intsika.com

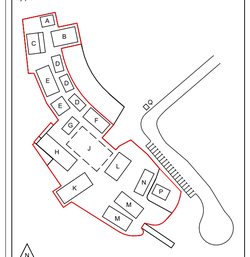
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key plan



keyplan locality



NO	DATE	AMMENDMENT	DPW

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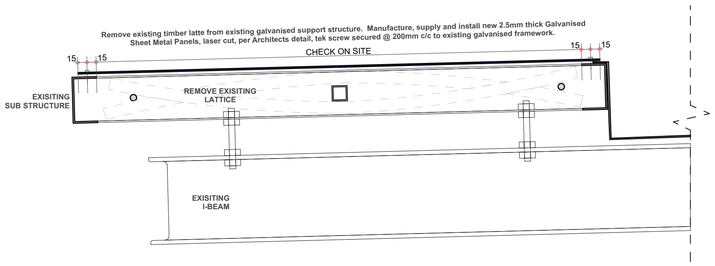
public works
Department: Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

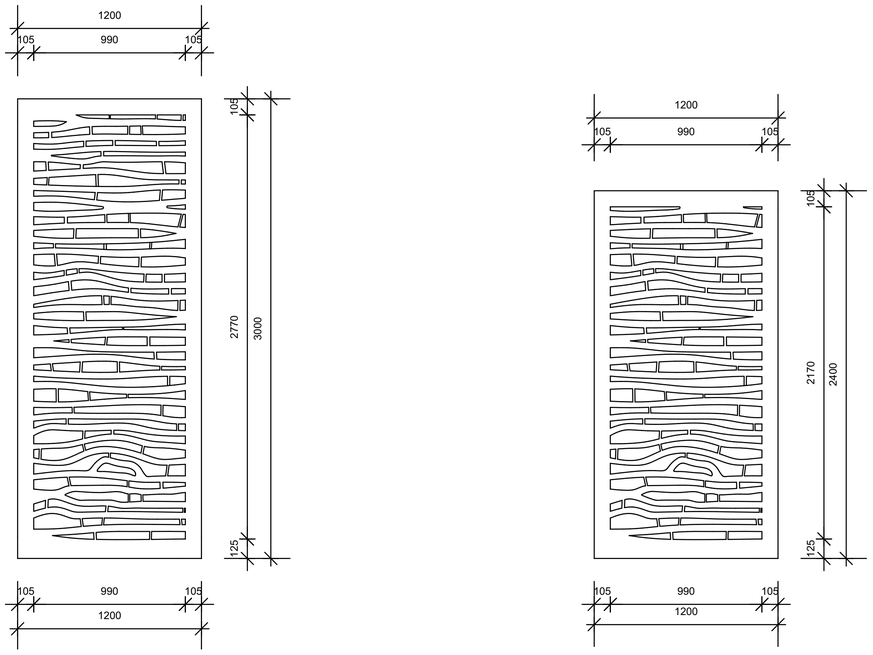
INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	SITE PLAN LOCALITY
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.17.6
rev no.	



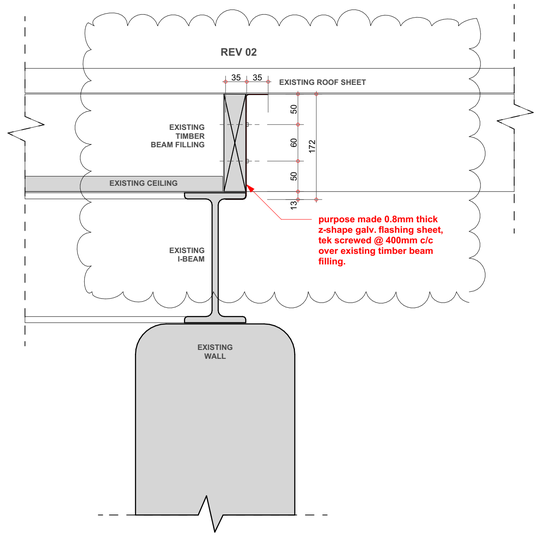
DETAIL 01A ROOF SUN LOUVRE LATTICE Scale 1:5



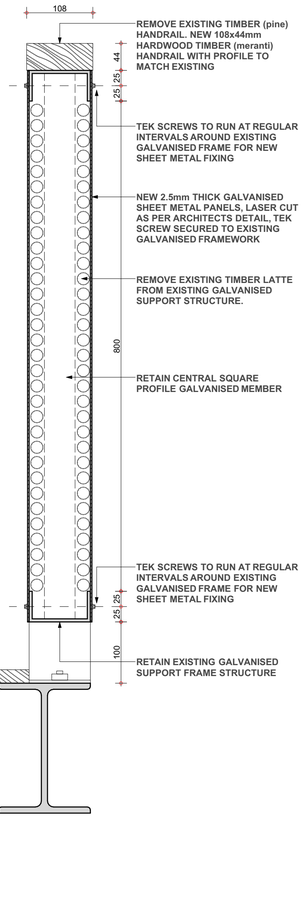
1,2M X 3,0M PANEL

1,2M X 2,4M PANEL

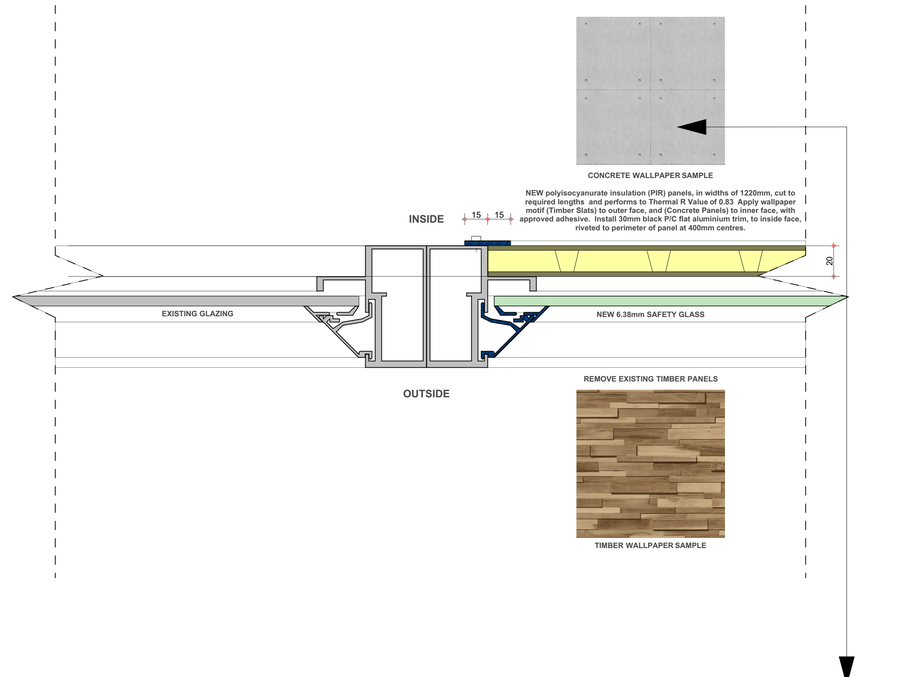
DETAIL 01B ROOF SUN LOUVRE LATTICE Scale 1:20



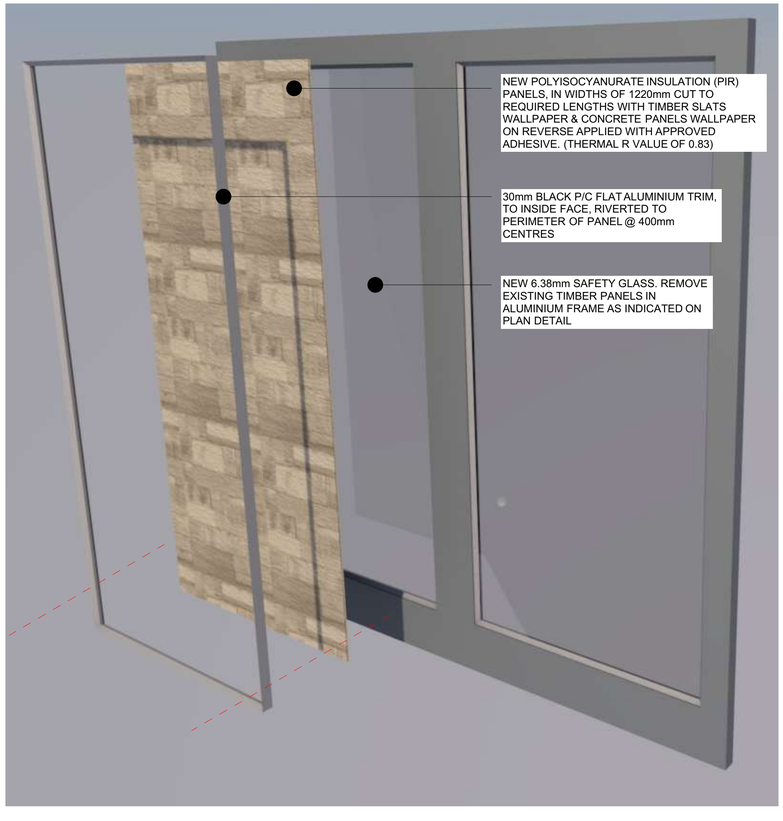
DETAIL 02 BEAMFILLING CLOSURE Scale 1:5



DETAIL 04 TYPICAL BALUSTRADE Scale 1:5



DETAIL 03A TIMBER PANELS IN FRAMES Scale 1:2



DETAIL 03B TIMBER PANELS IN FRAMES Scale 1:1.14

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector,

project team

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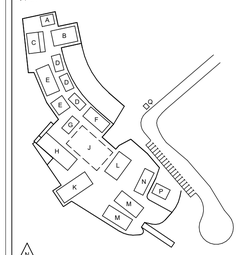
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key plan



other notes

NO	DATE	AMMENDMENT	DPW
01	21/02/20	Adjustment to detail for bird-proofing of exposed building eaves.	
02	21/07/20	Omission of revised detail to revert back to z-shaped profile flashing. Reduction in thickness of flashing sheet.	

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public works
Department: Public Works
REPUBLIC OF SOUTH AFRICA

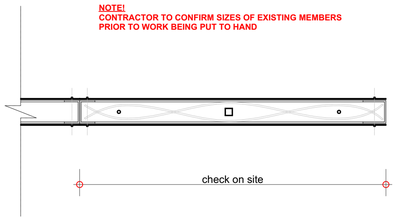
DIRECTOR-GENERAL
MR. MZIWONKE DLABANTU

INTSIKA architects

issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	DETAILS DETAIL - SHEET 1
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.18.1
rev no.	02

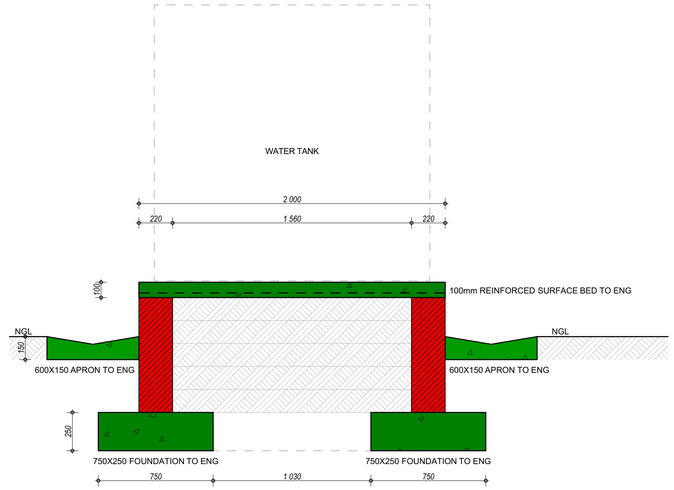
NOTE!
CONTRACTOR TO CONFIRM SIZES OF EXISTING MEMBERS PRIOR TO WORK BEING PUT TO HAND



ENTRANCE GATE Scale 1:10

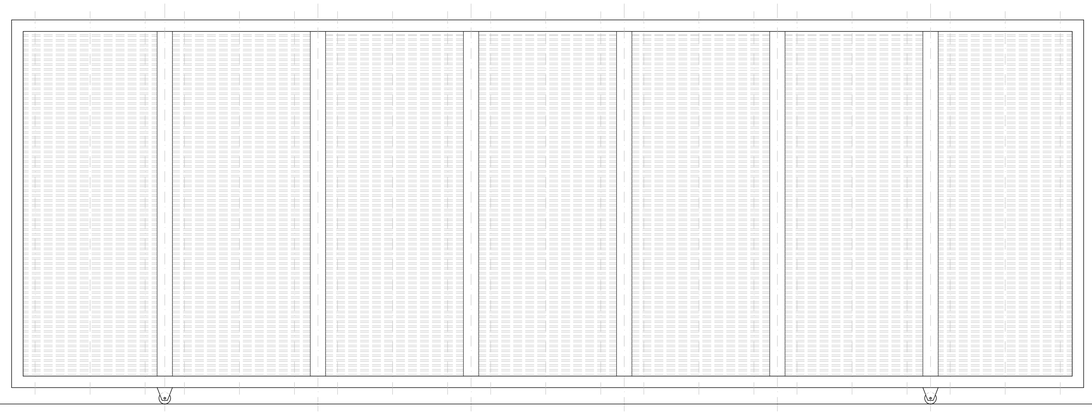


TEK SCREW :
REFERENCE IMAGE

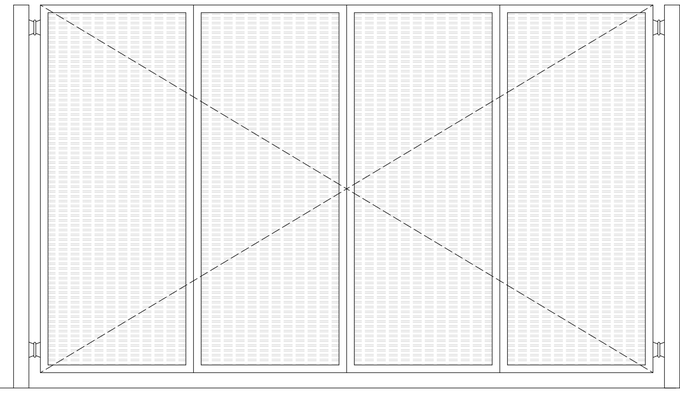


DETAIL 06 TANK STAND Scale 1:20

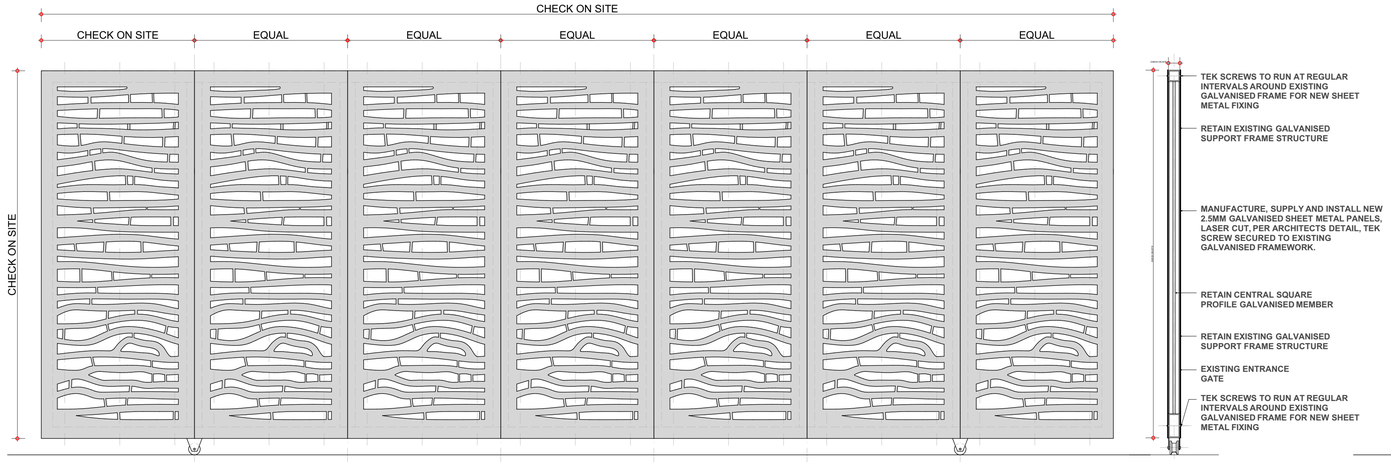
Remove existing pvc latte from existing galvanised support structure. Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured @200mm c/c to existing galvanised framework.



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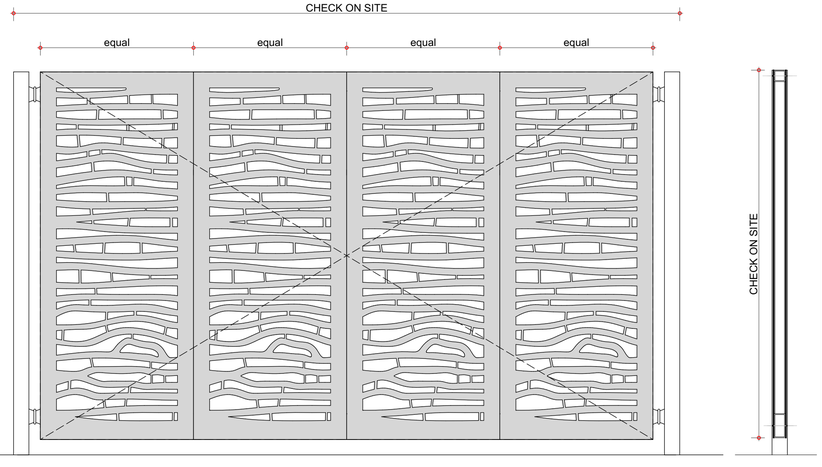


Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to @ 200mm c/c existing galvanised framework.



ENTRANCE GATE Scale 1:20

Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to @ 200mm c/c existing galvanised framework.



GATE @ BUILDING P Scale 1:20

0 0.5 1 2 4m

general notes

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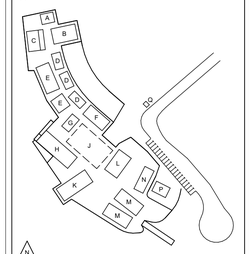
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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public works
Department:
Public Works
REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
MR. MZWONKE DLABANTU

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**DETAILS** DETAIL - SHEET 2
building classification	A1 A2 A3 A4 F1 G1 H1
ref no. 19/2/4/2/2/6958/001	design. RKG
scale As Shown	drawn LGM
date 2024/07/04	checked RKG
DPW drawing no. NMM/ARCH/SPC.18.2	rev no.

NELSON MANDELA MUSEUM : QUNU

PANEL REPLACEMENT SCHEDULE

REPLACEMENT OF TIMBER PANELLING TO EXISTING CLIP 44 ALUMINIUM SHOPFRONT FRAMES

Specification:
Remove existing 22mm thick timber tongue and groove paneling from aluminium frames.
Install new **6.38mm laminated clear safety glass** to existing aluminium frames, supply and install new black P/Cangled Glazing beads and rubber seals to perimiter of each panel

Install **20mm** polyisocyanurate **insulation (PIR) panels**, in widths of 1220mm, cut to required lengths and performs to **Thermal R Value of 0.83**
All **walpaper motif** (Timber Slats) to **outer face**, and (Concrete Panels) to **inner face**, with approved adhesive.
Install 30mm black P/Cflat aluminium trim, to inside face, riveted to perimeter of panel at at 400mm centres

Approximate Sizes per Panel Replacement Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	M2	Quantity	Qum m2
A	0	0	0	0	0
B	1385	3000	4.155	4	16.62
	1385	600	0.831	4	3.324
	450	3000	1.35	2	2.7
	600	3000	1.8	2	3.6
	450	1400	0.63	2	1.26
	600	1400	0.84	2	1.68
C	1200	2600	3.12	4	12.48
	1200	740	0.888	4	3.552
D1	950	2550	2.4225	8	19.38
	600	2550	1.53	4	6.12
D2	950	2550	2.4225	8	19.38
	600	2550	1.53	4	6.12
D3	950	2550	2.4225	8	19.38
	600	2550	1.53	4	6.12
E1	980	2750	2.695	4	10.78
E2	980	2750	2.695	4	10.78
E3	980	2750	2.695	4	10.78
F	1130	2500	2.825	2	5.65
	1130	660	0.7458	2	1.4916
G	910	2300	2.093	6	12.558
	910	500	0.455	6	2.73
H	1050	2600	2.73	2	5.46
	1200	2600	3.12	1	3.12
	1200	1020	1.224	1	1.224
	1400	2300	3.22	2	6.44
	1400	1250	1.75	2	3.5
	1200	2300	2.76	1	2.76
	1200	750	0.9	1	0.9
K	0	0	0	0	0
L	600	2465	1.479	8	11.832
	600	1100	0.66	8	5.28
M1	700	2465	1.7255	16	27.608
	700	1100	0.77	16	12.32
M2	700	2465	1.7255	16	27.608
	700	600	0.42	16	6.72
N	0	0	0	0	0

NELSON MANDELA MUSEUM: QUNU

REPLACEMENT OF TIMBER LATTE TO EXISTING SCREENS / GATES SCHEDULE
Specification:

Remove existing timber latte from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Screens Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	M2	Quantity	Cum m2
C	980	2600	2,548	5	12,74
D1	1075	2650	2,84875	4	11,395
D2	1075	2650	2,84875	4	11,395
D3	1075	2650	2,84875	4	11,395
E1	1140	2500	2,85	2	5,7
	1140	2750	3,135	2	6,27
E2	1140	2500	2,85	2	5,7
	1140	2750	3,135	2	6,27
E3	1140	2500	2,85	2	5,7
	1140	2750	3,135	2	6,27
F	925	2400	2,22	5	11,1
G	0	0	0	0	0
H	1050	3000	3,15	7	22,05
	1000	3000	3	2	6
I	830	1500	1,245	6	7,47
	830	2300	1,909	12	22,908
K	1050	2800	2,94	10	29,4
N	1200	2100	2,52	4	10,08
	1000	2750	2,75	5	13,75

NELSON MANDELA MUSEUM : QUNU

REPLACEMENT OF TIMBER LATTE TO EXISTING BALUSTRADES SCHEDULE
Specification:

Remove existing timber latte from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Screens Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	M2	Quantity	Cum m2
D1	1075	900	0.9675	2	1.935
	1025	900	0.9225	8	7.38
	1100	900	0.99	2	1.98
D2	1075	900	0.9675	2	1.935
	1025	900	0.9225	8	7.38
	1100	900	0.99	2	1.98
D3	1075	900	0.9675	2	1.935
	1025	900	0.9225	8	7.38
	1100	900	0.99	2	1.98

NELSON MANDELA MUSEUM: QUNU

REPLACEMENT OF TIMBER LATTE TO EXISTING GATES SCHEDULE
Specification:

Remove existing timber latte / pvc piping from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Gates Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture



MAIN GATE

Block	Width	Length	M2	Quantity	Cum m2
GATE	1150	2100	2,415	14	33,81
K - GATE	1075	2295	2,467125	8	19,737
P - GATE	815	2100	1,7115	1	1,7115

NELSON MANDELA MUSEUM : QUNU

REPLACEMENT OF TIMBER LATTE SUN LOUVRE PANELS SCHEDULE
Specification:

Remove existing timber latte from existing galvanised support structure.
Manufacture, supply and install new 2.5mm thick Galvanised Sheet Metal Panels, laser cut, per Architects detail, tek screw secured to existing galvanised framework.



Approximate Sizes per GMS Sun Louvre Schedule
All Sizes to be checked and verified on site by manufacturer prior to manufacture

Block	Width	Length	m2	Quantity	Qum m2
A	950	2340	2.223	4	8.892
	950	800	0.76	2	1.52
B	950	2830	2.6885	4	10.754
	950	800	0.76	2	1.52
C	950	2430	2.3085	6	13.851
	950	800	0.76	2	1.52
D1	950	2470	2.3465	4	9.386
	950	2170	2.0615	1	2.0615
	950	800	0.76	2	1.52
D2	950	2470	2.3465	4	9.386
	950	2170	2.0615	1	2.0615
	950	800	0.76	2	1.52
D3	950	2470	2.3465	4	9.386
	950	2170	2.0615	1	2.0615
	950	800	0.76	2	1.52
E1	950	2010	1.9095	4	7.638
	950	2300	2.185	1	2.185
	950	800	0.76	2	1.52
E2	950	2010	1.9095	4	7.638
	950	2300	2.185	1	2.185
	950	800	0.76	1	0.76
E3	950	2010	1.9095	4	7.638
	950	2300	2.185	1	2.185
	950	800	0.76	1	0.76
F	950	2315	2.19925	8	17.594
	950	800	0.76	2	1.52
G	0	0	0	0	0
H	950	2485	2.36075	12	28.329
	950	800	0.76	2	1.52
K	1200	1770	2.124	16	33.984
	950	2750	2.6125	2	5.225
	950	800	0.76	6	4.56
	950	2400	2.28	10	22.8
L	0	0	0	0	0
M1	950	2525	2.39875	8	19.19
	950	800	0.76	2	1.52
M2	950	2525	2.39875	8	19.19
	950	800	0.76	2	1.52
N	950	2525	2.39875	4	9.595
	950	2180	2.071	2	4.142
	950	800	0.76	2	1.52
	950	1840	1.748	2	3.496
P	950	2510	2.3845	2	4.769
	950	3000	2.85	2	5.7
	950	800	0.76	2	1.52

0 0.5 1 2 4m

general notes

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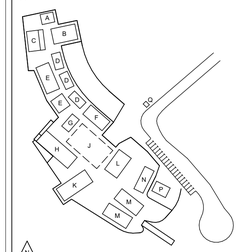
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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Department:
Public Works and Infrastructure
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DIRECTOR-GENERAL
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INTSIKA architects

issued for
CONSTRUCTION

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**DETAILS** SCHEDULES
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.18.3
rev no.	



PRIMARY COLOUR PALETTE:

PANTONE
C0 M37 Y100 K0

PANTONE
C0 M0 Y0 K100

SPECIFICATIONS:

As per manufacturers specifications and details.

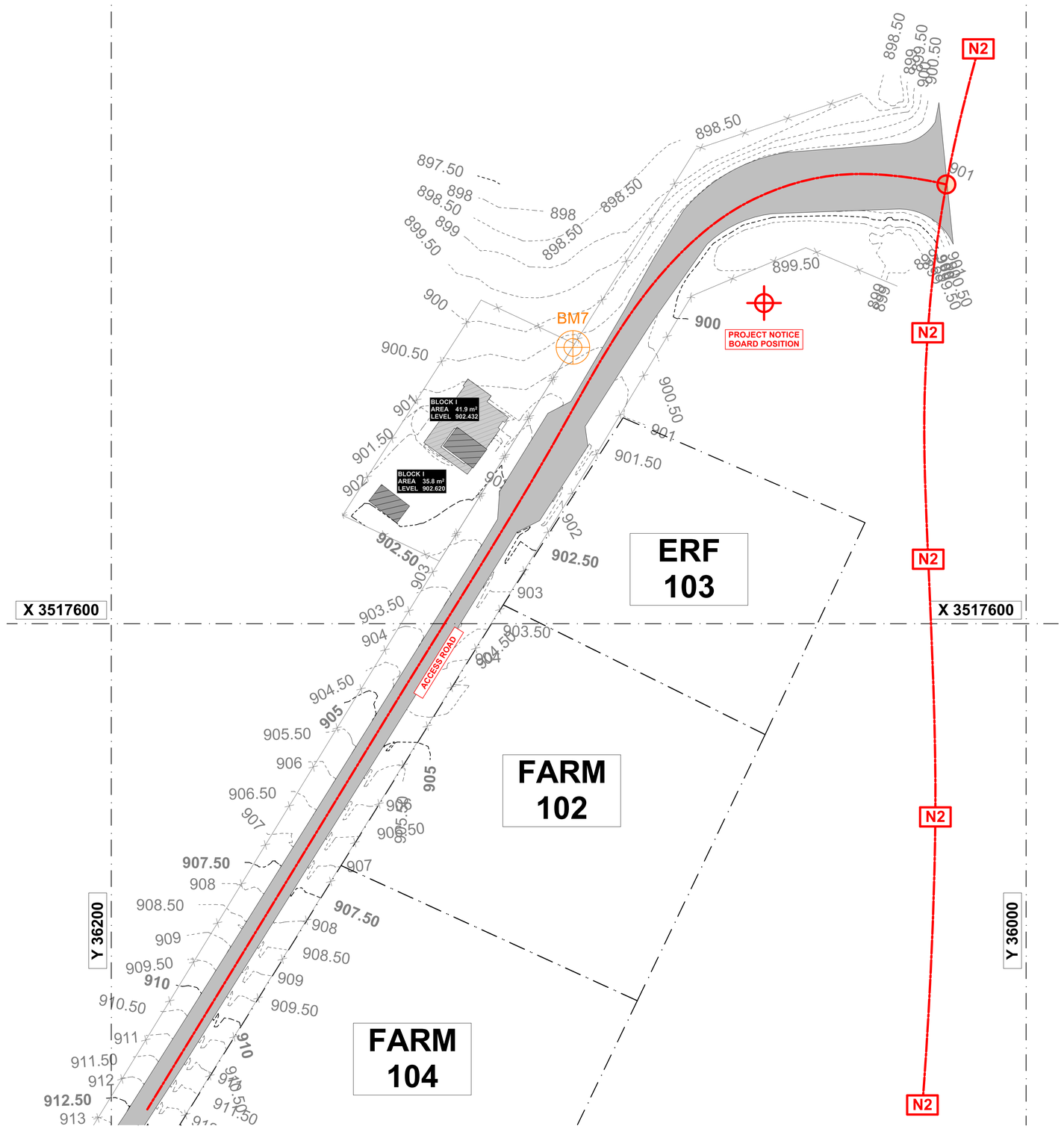
Note: Contractor is to provide printing proof as supplied by the supplier for approval and prior to manufacture and erection.

Contractor is to maintain the project name board throughout the contract period.

Fonts to be used:

Primary Descriptor - FONT SIZE + TYPE "A": 75mm high, Gill Sans Bold
Secondary Descriptor - FONT SIZE + TYPE "B": 75mm high, Arial Regular

DETAIL 05 PROJECT NOTICE BOARD Scale 1:20



SITE CALLOUT PROJECT NOTICE BOARD POSITION Scale 1:500

0 0.5 1 2 4m

general notes

All dimensions and finishes to be checked and verified on site prior to construction.
Light and ventilation areas are to conform to regulations.
light area to be min. 10% and ventilation area to be min. 5% of the floor area at all habitable rooms.
All glazing to comply with Part 'N' of the National Building Regulations. All glazing in excess of 1m2 or within 500mm of the finished floor level is to be safety glazing.
All work to be carried out in strict accordance with the municipal regulations and bye-laws.
All trenches to inspected by a Local Authority Building Inspector.

project team

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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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INTSIKA architects

issued for **CONSTRUCTION**

discipline	**Architect & Principal Agent**
services	**Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System**
wcs no.	051731
drawing title	**DETAILS** PROJECT NOTICE BOARD
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/SPC.18.4
rev no.	



PRIMARY COLOUR PALETTE:

PANTONE
C0 M37 Y100 K0

PANTONE
C0 M0 Y0 K100

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Secondary Descriptor -
FONT SIZE + TYPE "B": 75mm high, Arial Regular

DETAIL PROJECT NOTICE BOARD Scale 1:20

0 0.5 1 2 4m

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Web: www.intsika.com

issued for
INFORMATION

discipline	**Architect & Principal Agent**
services	**Forest Hill Military Base: Health Centre**
wcs no.	052744
drawing title	**DETAILS** FHMB PROJECT NOTICE BOARD SAMPLE
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design	LGM
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	FHMB/ARCH/00
rev no.	



PRIMARY COLOUR PALETTE:

PANTONE
C0 M37 Y100 K0

PANTONE
C0 M0 Y0 K100

SPECIFICATIONS:

As per manufacturers specifications and details.

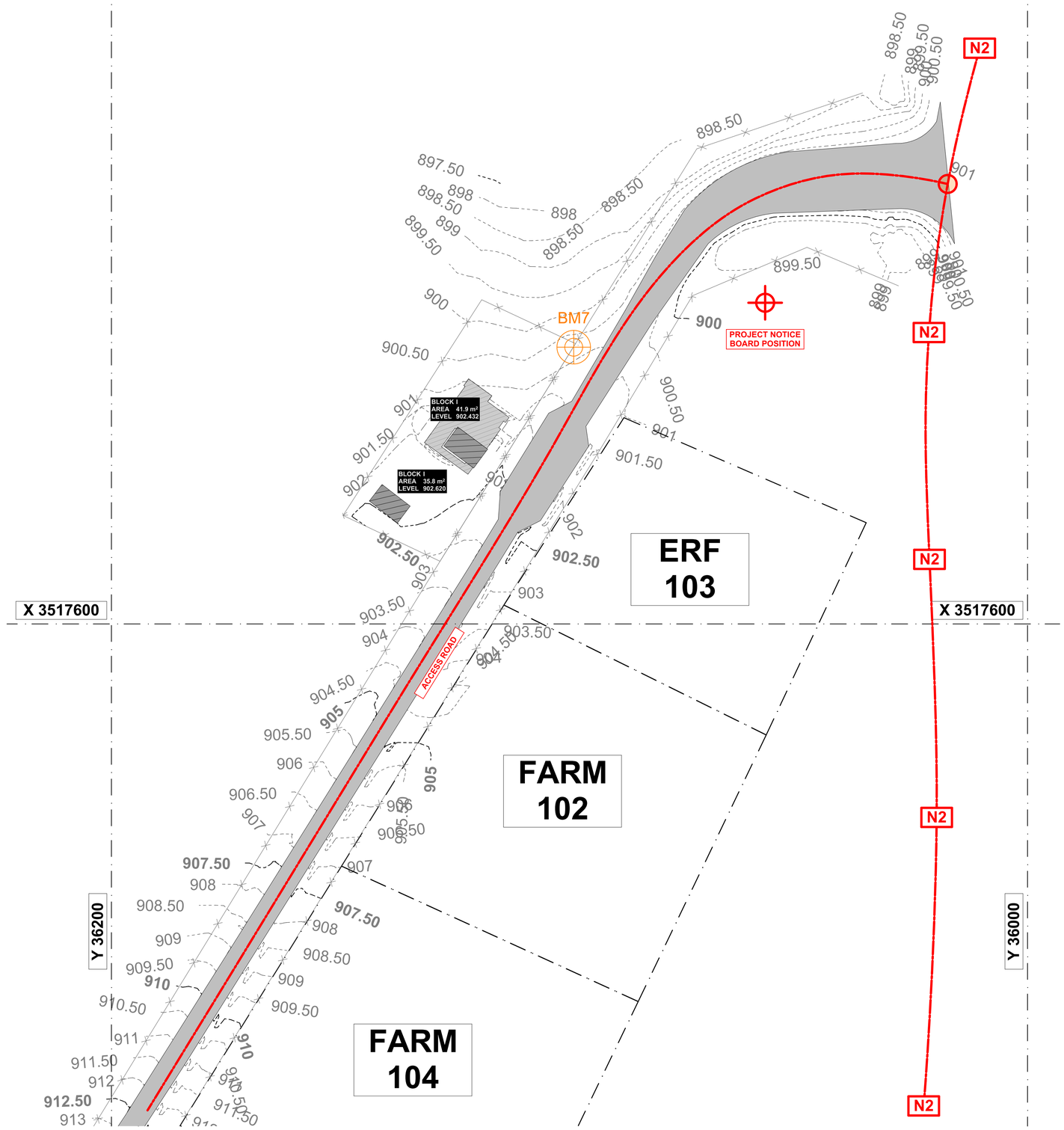
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Secondary Descriptor - FONT SIZE + TYPE "B": 75mm high, Arial Regular

DETAIL PROJECT NOTICE BOARD Scale 1:20



SITE CALLOUT PROJECT NOTICE BOARD POSITION Scale 1:500

0 0.5 1 2 4m

general notes

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E-mail: imveloqsk @telkomsa.net

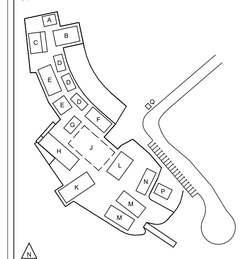
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key plan



other notes

NO	DATE	AMMENDMENT	DPW

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issued for
CONSTRUCTION

discipline	Architect & Principal Agent
services	Condition Based Maintenance Nelson Mandela Museum, Qunu: Electrical/Civil Works, Sewer System
wcs no.	051731
drawing title	DETAILS FHMB PROJECT NOTICE BOARD CALLOUT
building classification	A1 A2 A3 A4 F1 G1 H1
ref no.	19/2/4/2/2/6958/001
design.	RKG
scale	As Shown
drawn	LGM
date	2024/07/04
checked	RKG
DPW drawing no.	NMM/ARCH/01
rev no.	