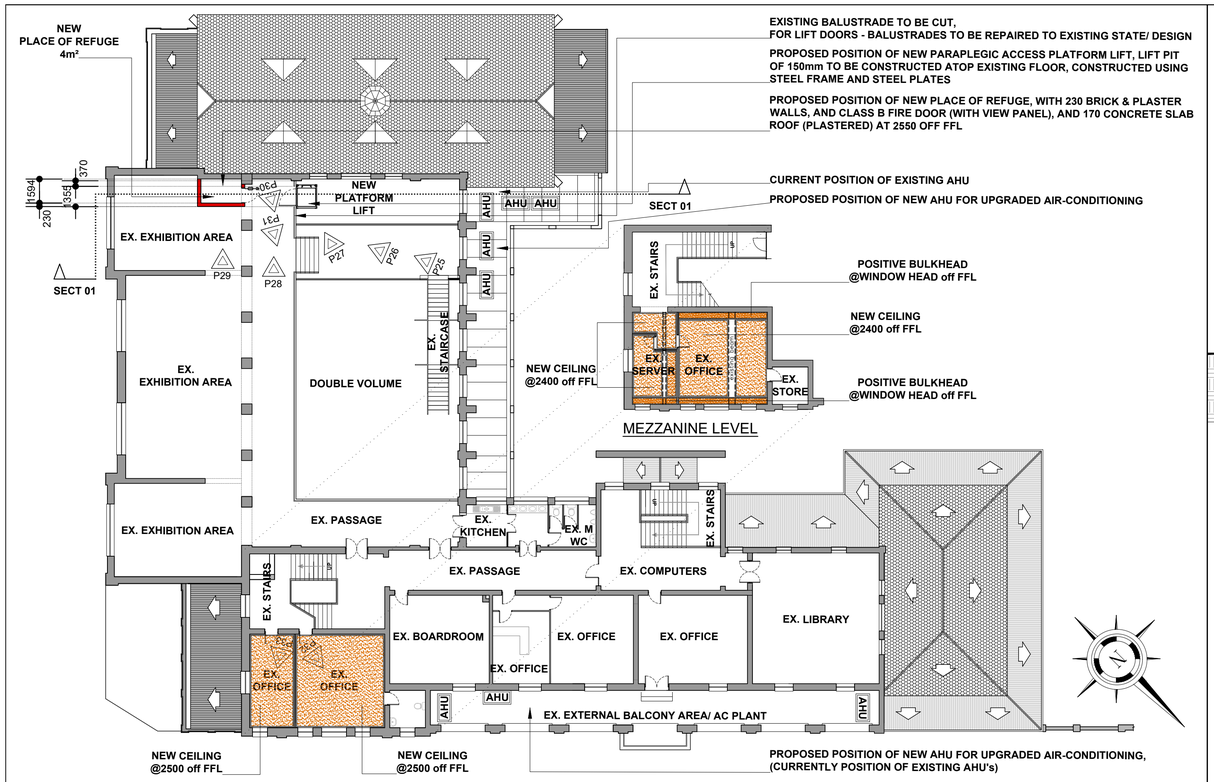
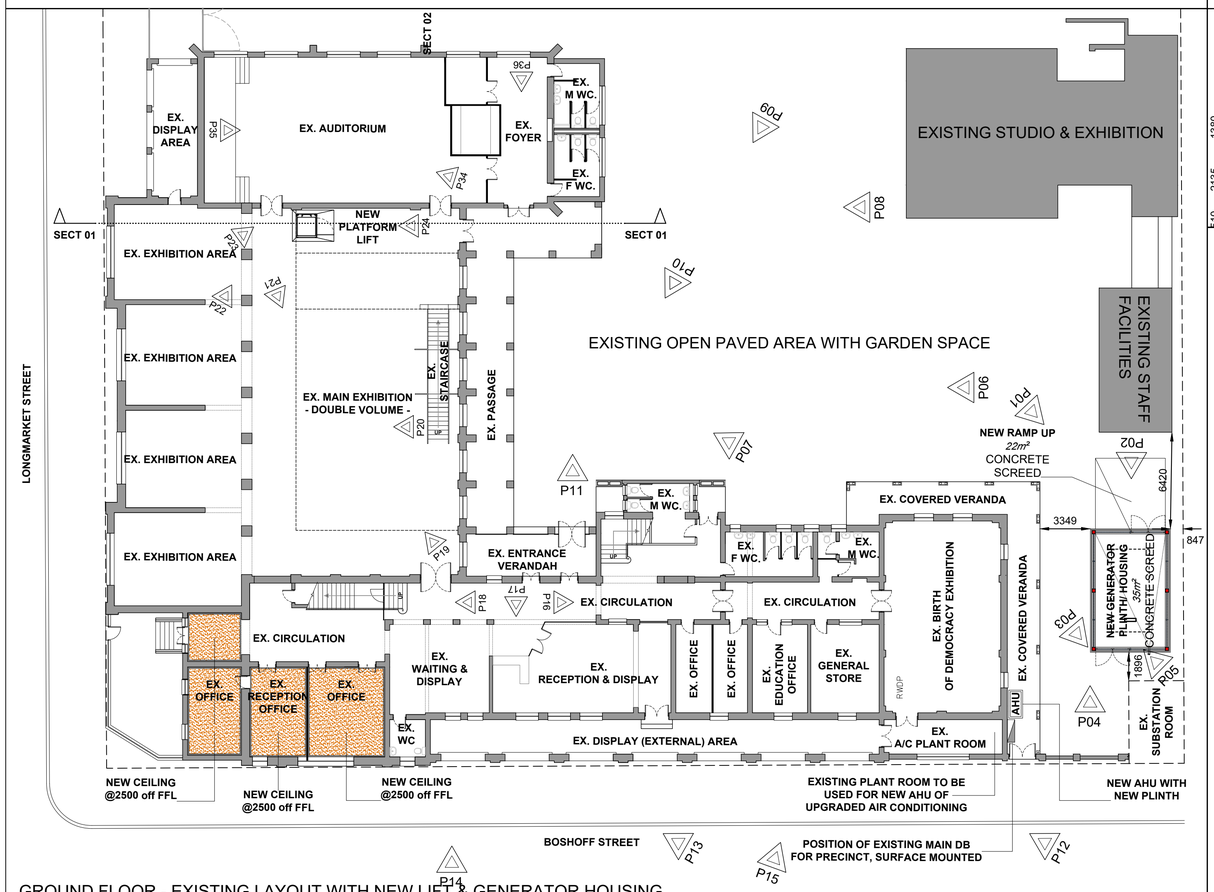
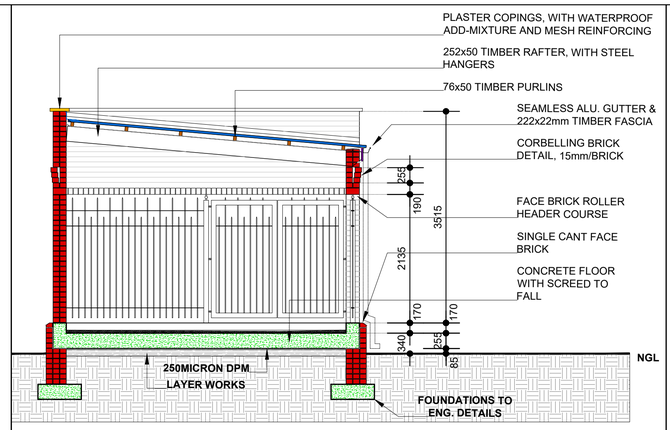


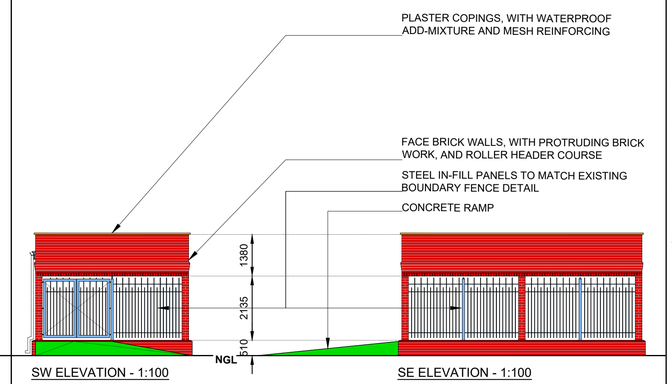
FIRST FLOOR - EXISTING LAYOUT WITH NEW LIFT



GROUND FLOOR - EXISTING LAYOUT WITH NEW LIFT & GENERATOR HOUSING

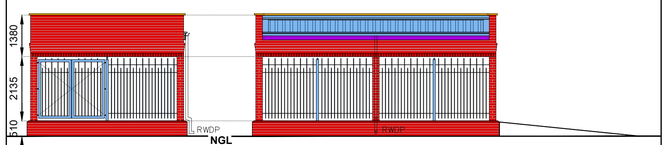


CROSS SECTION - 1:50



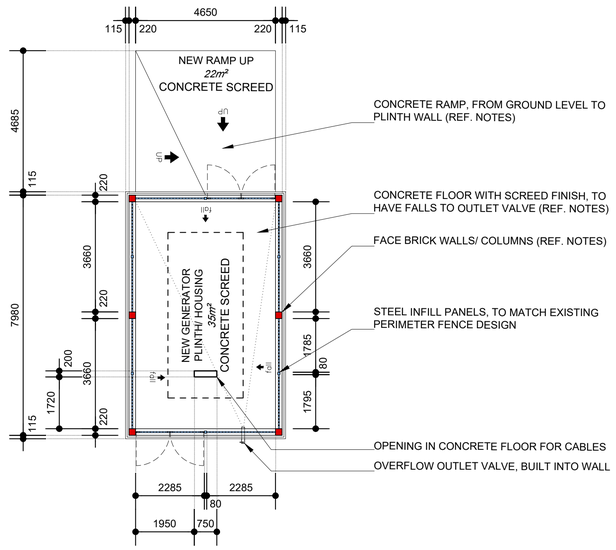
SW ELEVATION - 1:100

SE ELEVATION - 1:100



NE ELEVATION - 1:100

NW ELEVATION - 1:100



PLAN - 1:100

NEW GENERATOR HOUSING

GENERAL NOTES

SITE:

S1. ALL SITE HEALTH & SAFETY TO BE COMPLIED TO IN TERMS OF THE SANS-10400 NATIONAL BUILDING REGULATIONS AND AGREED BUILDING CONTRACT

S2. SOLID HOARDING TO BE IN PLACE AT SECTIONS TO BE WORKED ON PRIOR TO ANY WORK COMMENCING ON SITE

WALLS:

W1. WALLS TO BE 230 & 115 COROBRIK FBX CLAY BRICK WALLS (EXTERNAL) & 230 CLAY BRICK WITH PLASTER WALLS (INTERNAL)

W2. EXTERNAL WALLS TO BE RED FACE BRICK, COROBRICK FIRELIGHT SATIN FBX, WHERE NEW WALL MEETS OLD ALL COURSES TO BE PROPERLY TOOTHED IN.

W3. INTERNAL WALLS TO BE REPAIRED AND PLASTERED WHERE REPAIR IS BEING DONE (IF NEED BE), PLASTER MIX TO BE AS PER APPROVED MIXTURE RATIO, ALL READY TO RECEIVE A 3 COAT PAINT SYSTEM.

W4. PLASTER WALL & WALL COPING PAINT - 1x COAT DULUX TRADE PLASTER PRIMER, 2X COATS DULUX PEARLGLO.

ROOF:

R1.GRS 0.53mm ALU-ZINC COATED (COLORPLUS - SLATE) 'IBR' PROFILE ROOF SHEETS, ON 76mm TIMBER PURLINS ON 252mm TIMBER RAFTERS - TO ENGINEERS DETAILS & SPECIFICATIONS (TIMBER TO BE FULLY TREATED HIGH GRADE SA-PINE) & PAINTED TIMBER EXTERNAL - 1x COAT DULUX WOOD PRIMER, 1x COAT DULUX TRADE UNIVERSAL UNDERCOAT, 1x DULUX TRADE GLOSS 100 ENAMEL, TIMBER TO BE FULLY PAINTED ON AREAS WHERE SUPPORT FIXINGS ARE PRIOR TO INSTALLING

R2. 170mm THICK CONCRETE ROOF, PLASTED AND PAINTED - 1x COAT DULUX TRADE PLASTER PRIMER, 2X COATS DULUX PEARLGLO.

R3. ALL ROOFS TO HAVE 'SISALATION 405' REFLECTIVE FOIL UNDER PURLIN UNDERLAY THROUGHOUT, ALL TO HAVE 150mm HEAD LAPS

R4. NEW ROOF TO HAVE 80mmØ PVC RAIN WATER DOWNPIPE, FITTED TO WALL WITH STANDARD PVC MOUNTING BRACKETS

R5. NEW ROOF TO HAVE STANDARD OGEE SEAMLESS ALU. GUTTER, TO MATCH ROOF SHEET.

R6. NEW ROOF TO HAVE 222x22mm FASCIA BOARD FIXED TO RAFTERS, TO BE PAINTED SAME AS RAFTERS

CEILINGS:

C1. CEILINGS TO BE PELICAN JUMBO SUSPENDED GRID, SCREW-UP SKIMMED JOINT 9mm THICK GYPSUM BOARD, IN ACCORDANCE TO 'SABISA', WITH TIMBER CORNICE TO MATCH EXISTING CORNICE IN PROFILE EXACTLY.

C2. ALL BULKHEADS TO BE 22mm MDF BOARDS ON SAME GRID SYSTEM AS CEILINGS, TO BE PAINTED SAME AS CEILING, WITH 25x25mm 'L' CORNICE ON WALLS

C3. ALL PENETRATIONS THROUGH EXISTING SUSPENDED MESH AND PLASTER CEILING, TO BE KEPT TO A MINIMUM AND DONE WITH EXTREME CAUTION, ALL TO HAVE REINFORCED SUB-FRAME INSTALLED PRIOR TO CUTTING, PERIMETER OF CUT TO HAVE NEW SURROUND EDGE TRIM DONE USING 45x8mm TIMBER STRIPS (PAINTED FINISH)

C4. CEILING PAINT - 1x COAT DULUX PLASTER/ TIMBER PRIMER, 2x COATS DULUX TRADE 65 MATT.

PLUMBING:

P1. ALL PLUMBING TO BE DONE BY REGISTERED PLUMBER, PLUMBING SIGN-OFF TO BE ISSUED AT END OF CONTRACT

P2. ALL PLUMBING TO COMPLY WITH SANS 10400-P & 10400-XA & SANS 10252-1:2004, SANS 1307, SANS 10106, SANS 10254 & SANS 10252-1.

FLOORING:

F1. CONCRETE FLOOR WITH HARDENED SCREED AND ANTI-DUSTING AGENT, TO HAVE SMOOTH TROWEL FINISH.

F2. CONCRETE RAMP WITH HARDENED SCREED AND ANTI-DUSTING AGENT, TO HAVE NON-SLIP FLOAT FINISH.

F3. REFUGE FLOOR TO BE 30mm GRANO ANTI DUSTING SCREED ON EXISTING CONCRETE FLOOR

WINDOWS & DOORS:

W1. ALL EXISTING WINDOWS AND DOORS TO BE FULLY PROTECTED AT ALL TIMES, ANY DAMAGE TO THESE WILL BE RECTIFIED AT THE CONTRACTORS COST

W2. PAINTED TIMBER INTERNAL - 1x COAT DULUX WOOD PRIMER, 1x COAT DULUX TRADE UNIVERSAL UNDERCOAT, 1x DULUX TRADE EGGSHELL ENAMEL

W3. PAINTED TIMBER EXTERNAL - 1x COAT DULUX WOOD PRIMER, 1x COAT DULUX TRADE UNIVERSAL UNDERCOAT, 1x DULUX TRADE GLOSS 100 ENAMEL

W4. NEW ALUMINIUM GABLE GRILLES TO BE INSTALLED (AS PER NE ELEVATION) ALL TO THE MECHANICAL ENGINEERS DRAWINGS & SPECIFICATIONS.

MISCELLANEOUS:

M1. ANY DAMAGE TO SURROUNDING FINISHES, FITTINGS, SERVICES, EQUIPMENT ETC. TO BE REPAIRED AND/ OR REPLACED BY CONTRACTOR.

M2. NO ORIGINAL CIRCA 1905-1965 BUILDING FITTINGS TO REMOVED, IF REMOVED THEN THEY MUST BE DONE WITH EXTREME SENSITIVITY/ CARE & STORED IN A SAFE LOCATION TO BE REINSTATED/ INSTALLED ONCE WORK IS COMPLETE.

M3. STEEL PAINT FINISH, 4 COAT SYSTEM DULUX EPOXY - (1xPRIMER & 1x UNDERCOAT & 2x FINISH COATS)

M4. 2HR FIRE RATED CLASS B PYROPANEL DOORSET (950x2030x48), WITH VIEWING PANEL, IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND IN COMPLIANCE TO 'SABS1253:2033' AND WITH ALL RELEVANT 'SABS' MARKS FOR 120min, WITH 3.6mm TREATED COMMERCIAL PLY, INCLUDING INTUMESCENT STRIP TO TOP OF DOOR, HARDWARE EDGES, SPECIFIED IRONMONGERY AND HINGED ONE SIDE TO SUITABLE 1.6mm GAUGE MILD STEEL GALV & PRIMED FRAME FOR 230 BRICK WALL

M5. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH EACH OTHER AND TO BE READ IN CONJUNCTION WITH THE SPECIFICATION & METHOD DOCUMENT.

MUNICIPAL STAMPS

MECHANICAL & ELECTRICAL:

M1. ALL MECHANICAL EXTRACTION AND VENTILATION TO BE DONE IN ACCORDANCE WITH THE MECHANICAL ENGINEERS DESIGN AND DETAILS.

E1. ALL LIGHTING AND ELECTRICAL RETICULATION TO BE DONE IN ACCORDANCE TO ELECTRICAL ENGINEERS DESIGN AND DETAILS.

Occupancy Classification : C2

Owner:
Name: uMSUNDUZI MUSEUM
Sign: Date:

Architect:
Name: JA Meintjes
Sign: Date:
Professional registration No.: 6428

BARTSCH

LADYSMITH: TEL(036) 631 1888, P.O.BOX 1097, LADYSMITH 3370
QUEENSTOWN: TEL(045) 839 5728, HARRISMITH: TEL(058) 623 471
EAST LONDON : TEL(043) 727 0765, BLOEMFONTEIN: TEL(051) 300 547
CAPE TOWN : TEL(021) 252 225, PRETORIA: TEL(012) 346 0526
WINDHOEK : TEL(0926461) 237 403, PMB: TEL(033) 347 1325

Project:
PROPOSED UPGRADES AND INSTALLATION OF ELECTRICAL & MECHANICAL WORKS: MAIN BUILDING (BLOCK M) - uMSUNDUZI MUSEUM, ERF 2535, 351 LANGALIBALELE STREET, PIETERMARITZBURG, KZN, 3201

Drawing Description:
PLAN - EXISTING GROUND FLOOR LAYOUT WITH NEW GENERATOR HOUSING

Drawn: REC P	Date: AUG 2022	Stage: Sub.
Scale/s: 1:200 @ A1	Checked:	
Drawing number: 5044 - 100		Revision: 00