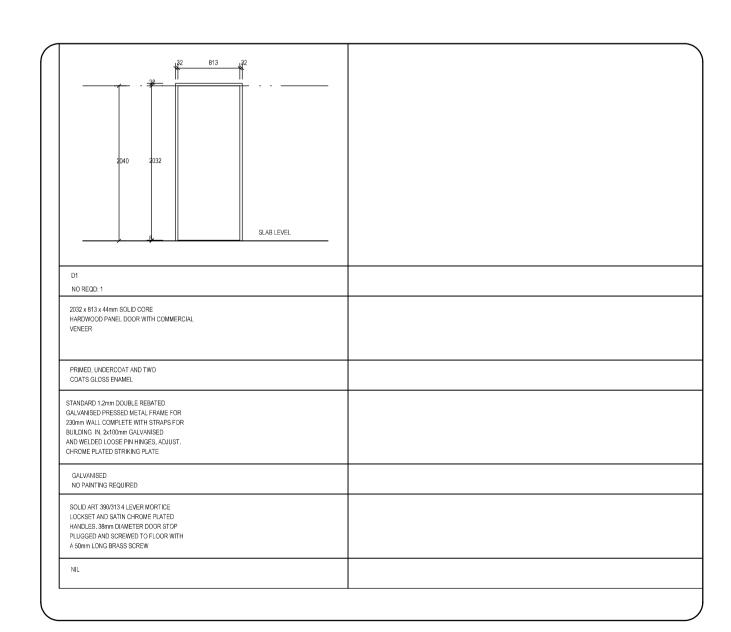
## 2 TERRACOTTA AIRBRICKS 250x50 LAMINATED BEAM TOP OF SLAB GABLE ELEVATION 4

2 TERRACOTTA / AIRBRICKS 250x50 LAMINATED BEAM FACE BRICK WALLS WITH RAKED JOINTS AND PERPENDS DOWNPIPE

TOP OF SLAB

+----

GABLE ELEVATION 3



## GENERAL SPECIFICATION NOTES TO BE READ WITH STANDARD TRADE PREAMBLES WB 20 FOUNDATIONS: RAFT FOUNDATION WALLS: ALL WALLS TO COMPLY WITH THE NATIONAL BUILDING REGULATIONS. COROBRIK FBA FACE BRICK WALLS IN STRETCHER BOND WITH RULED JOINTS AND PERPENDS COROBRIK NFP TO BE USED FOR PLASTERED WALLS, COROBRIK ENGINEERING BRICKS TO BE USED IN PLINTH WALLS BELOW DPC LEVEL. BRICKFORCE TO ALL COURSES FROM WINDOW HEAD TO UNDERSIDE OF WALLPLATE. GALVANISED CRIMP WIRE TIEL TO BE LAID STAGGERED (7 PER SQUARE METER). EXTERNAL FACE OF INTERNAL SKIN OF 230mm WALLS TO BE BAG WASHED AND PAINTED WITH BITUMEN. BEAM FILLING TO UNDERSIDE OF ROOF SHEETS, EXPANSION JOINTS AS INDICATED ON PLAN TO BE FORMED WITH A CONTINUOUS STRIP OF 12mm BITUMEN IMPREGNATED SOFTBOAED BETWEEN 230mm BRICK WALLS. TO BE SEALED INTERNALLY AND EXTERNALLY WITH 10mm DEEP POLYSULPHIDE 850 mm HIGH SATIN FACE BRICK DADO, TOP COARSE TO PROJECT 15mm AS PLASTER STOP AIR-BRICKS: 229 x 152mm TERRA-COTTA VERMIN PROOFED AIR-BRICKS AS INDICATED ON GABLE ELEVATIONS PLASTER: INTERNAL PLASTER TO BE 13 to 16mm THICK, CEMENT/SAND RATIO OF 1:5. PLASTER SEALED, 1 UNDERCOAT, 2 COATS 'WALL N' ALL' EMULSION PAINT. COLOUR TO BE APPROVED

WITH PRE PAINTED FACTORY FINISH FIXED WITH LEAK KING ROOFING SCREWS, HOLES FOR ROOFIN SCREWS TO BE DRILLED NOT PUNCHED, SONDOR POLYCLOSURES AT RIDGE FLASHING AND MASTIC SEALANT TO ALL SIDE LAPS. DETERMINE DIRECTION OF WIND BEFORE LAYING SHEETS. SHEETS TO PROJECT A MINIMUM OF 50mm BEYOND PURLINS AT EAVES. SHEETS TO BE FIXED TO 76 x 50mm PURLINS AT MAX. OF 1250mm CRS ON TRUSSES AT MAX. OF 1250mm CRS TO BE STRAPPED TO 114 x 38mm WALLPLATE WITH 30 x 1.6 x 1600mm LONG GALVANISED HOOP IRON STRAPS BUILT INTO COURSING. SISALATION 'RSA 420' UNDERLAY OVER TRUSSES AND UNDER PURLINS ON STRAINING WIRES. PREFABRICATED CLEATED ROOF TRUSSES OR PREFABRICATED CLEATED ROOF TRUSSES OR TRUSSES MANUFACTURED ON SITE TO BE TO DEPARTMENTAL ENGINEERS APPROVAL, 114 x 38mm RAFTERS AND TIES, 114 x 38mm INTERMEDIATE MEMBERS AS PER DETAILS HURRICANE CLIPS BE USED EXTERNALLY TO SECURE PURLINS TO TRUSSES AT EAVES OVERHANGS. DOUBLE WOUND 2.5mm DIAMETER GALVANISED WIRE TO SECURE PURLINS INTERNALLY

100mm THICK POWER FLOATED CONCRETE SLAB (25MPA) REINFORCED WITH MESH, REF. 193, (25MPA) REINFURGED WITH MESH, REF. 193, SET 25MM ABOVE 250 MICRON GUNPLAS USB GREEN DPC ON 50mm TREATED AND RAMMED RIVER SAND ON CLEAN EARTH FILL IN LAYERS NOT EXCEEDING 150mm, TO BE WELL WATERED

GENERAL SPECIFICATION NOTES

AND COMPACTED TO 90% MOD AASHTO. SOIL TO BE POISONED IN ACCORDANCE WITH SABS 1165,

CERTIFICATE MUST BE PROVIDED

ROOF PITCH TO BE 17.5 DEGREES.
0,6mm CONTINUOUS IBR PROFILE ROOF SHEETING

ALL EXPOSED ROOF TIMBER TO BE PAINTED WITH 2 COATS OF ABE PROVONITE, BEFORE FIXING OF ROOF SHEETS, FASCIAS AND BARGEBOARDS

CEILINGS: 9mm RHINOBOARD CLOUT NAILED TO 38 x 50mm BRANDERING AT 450mm CRS, PRIME, FILL AND SAND LEVEL FOR PAINTING, 12mm WIDE H-PROFILE METAL COVER STRIPS TO JOINTS, 75 x 20mm SOFTWOOD CORNICE SPIKED TO WALL, ALL JOINTS TO BE BEVELLED, PRIME, SAND, UNDERCOAT AND TWO

BARGE AND FASCIA BOARDS: EVERITE NUTEC FIBRE CEMENT SOCKETLESS BARGE BOARDS (PRODUCT NO. 521-731) 200 x 80mm WITH H-PROFILE ALUMINIUM BARGE BOARD JOINTERS (PROD. NO. 685-187). DRILL FOR AND FIX WITH HOT DIPPED GALVANISED SCREWS AND WASHERS. 76 x 50mm TRIMMER BATTEN FIXED TO UNDERSIDE OF PURLIN ENDS FOR BARGE BOARD FIXING.
EVERITE NUTEC MEDIUM DENSITY FIBRE CEMENT FASCIAS (PRODUCT NO. 041-202) 12 x 225mm WITH H-PROFILE ALUMINIUM FASCIA BOARD JOINTERS (PROD. NO. 685-195). DRILL FOR AND FIX WITH HOT DIPPED GALVANISED SCREWS AND WASHERS.

GENERAL SPECIFICATION NOTES

SEAMLESS ALUMINIUM OGEE GUTTERS WITH BAKED ENAMEL FINISH AND FIXED TO SUPPLIERS SPECIFICATIONS. WITH 100 x 75mm FLUTTED ALUMINIUM DOWNPIPES WITH BAKED ENAMEL FINISH AND FIXED TO SUPPLIERS SPECIFICATION

VERANDA WALKWAY: 100mm THICK CONCRETE SLAB (25 MPA) REINFORCED WITH MESH, REF. 193, SET 60mm ABOVE 250 MICRON GUNPLAS USB GREEN DPC ON 50mm TREATED AND RAMMED RIVER SAND ON FILL COMPACTED TO 93% MOD AASHTO. SLAB LAID WITH 25mm FALL AWAY FROM WALL AND CAST IN ALTERNATE PANELS OF 2000mm, CONTROL JOINTS SEALED WITH 10MM POLYSULPHIDE SEALANT WITH BACKING BACKING STRIP AND SOFTBOARD

CONCRETE APRONS / CHANNELS: 100mm THICK 25 MPA CONCRETE APRONS LAID TO A FALL OF 1:200 TO RELIEF POINTS, CAST ALTERNATE PANELS WITH EXPANSION

REFER TO DOOR SCHEDULE

REFER TO WINDOW SCHEDULE

WINDOW SILLS:
EXTERNAL SILLS TO BE ROLLER COURSE FBA
FACE BRICK SET AT AN ANGLE OF 15 DEGREES,
375 MICRON EMBOSSED DAMP PROOF MEMBRANE BELOW ALL SILLS INTERNAL SILLS TO BE EVERITE NUTEC FIBRE CEMENT (PRODUCT NO. 031-509) COMPLETE WITH FIXING LUGS AND SELF TAPPING SCREWS

CHALKBOARD: 4800 X 1140mm GREEN CHALKBOARD TO COMPLY WITH CKS 38-1980 SUPPLIED COMPLETE WITH CHALK RAIL AS ONE UNIT. CHALKBOARD TO BE FIXED AS PER MANUFACTURERS INSTRUCTIONS

GENERAL SPECIFICATION NOTES

CLIENT: ESKOM



CONCRETE NOTES

1) ALL CONCRETE SHALL HAVE A COMPRESSION

2) CONCRETE MUST BE CURED BY KEEPING IT WET

FOR 7 DAYS AFTER PLACING AND BE KEPT COVERED

3) MAXIMUM SLUMP OF CONCRETE SHALL BE 50mm AND

VIBRATORS SHALL BE USED DURING PLACING OF

a) VERTICAL SIDES OF BEAMS AND SLABS = 2 DAYS

5) ALL EXCAVATIONS AND REINFORCING MUST BE

d) SOFFIT OF BEAMS WITH PROPS=14 DAYS

e) REMOVAL OF PROPS = 21 DAYS

b) SOFFITS OF SLABS AND STAIRS WITH PROPS=7 DAYS

INSPECTED BY THE ENGINEER BEFORE CONCRETING

6) ALL EXPOSED CONCRETE WORK MUST HAVE A SMOOTH

c) VERTICAL SIDES OF WALLS AND COLUMNS=3 DAYS

STRENGTH OF 25 MPa AT 28 DAYS

WITH POLYTHENE SHEETING.

4) STRIPPING OF CONCRETE

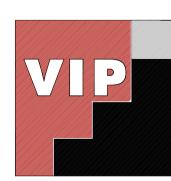
MAY COMMENCE

FINISH.

CONCRETE.

DATE REVISIONS

SKAAL AS SHOWN SCALE



PRETORIA 2nd Floor, Building 88A, Pony Street Tijger Vallei Office Park P.O.Box 11211, Silver Lakes 0054 Tel: +27 (0) 12 809 0010 Fax: +27 (0) 12 809 1435 E-Mail: pretoria@vipconsulting.co.za OTHER OFFICES: BENONI

VIP CONSULTING ENGINEERS (Pty) Ltd Consulting Civil and Structural Engineers Reg No 97/05698/07

PROJEK PROJECT

MHLWAZINI HIGH SCHOOL

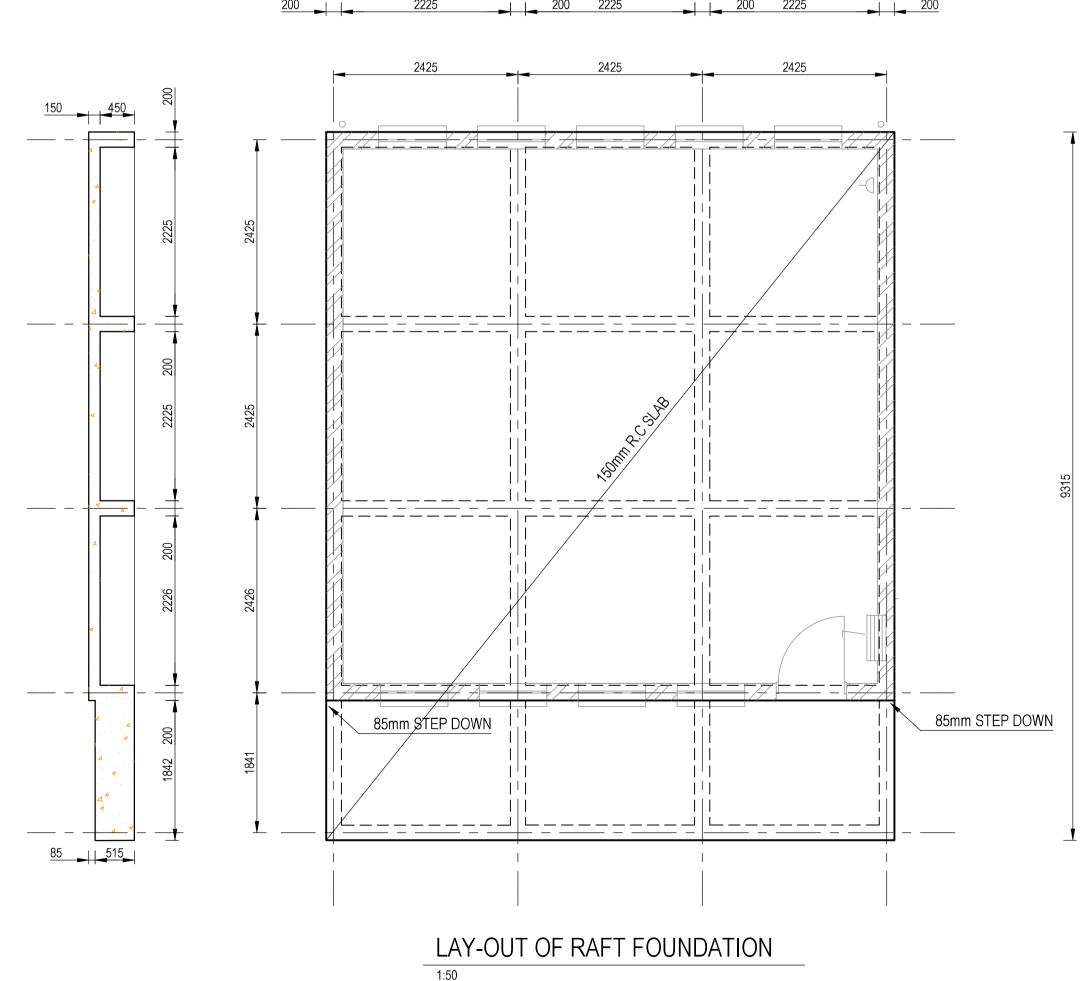
DIENSDETAIL SERVICE DETAIL

> STANDARD SINGLE CLASSROOM - ELEVATIONS & SCHEDULES

VERWYSINGS NOMMER REFERENCE NUMBER	F:\Projects\2401-2450 DRAWINGS		
OPGEMEET SURVEYED	ONTWERP DESIGNED	GETEKEN DRAWN J.J.S	
NAGESIEN CHECKED F.P.	DATUM DATE MARCH 2015		
ING. TEKENINGNOMMER			GETAL VELLE No. SHEETS

ENG. DRAWING NUMBER

2426 - G06



ZUKI M. QINA YYYY-MM-DD STRUCTURAL TECHNOLOGIST (PrTechni 201630024)