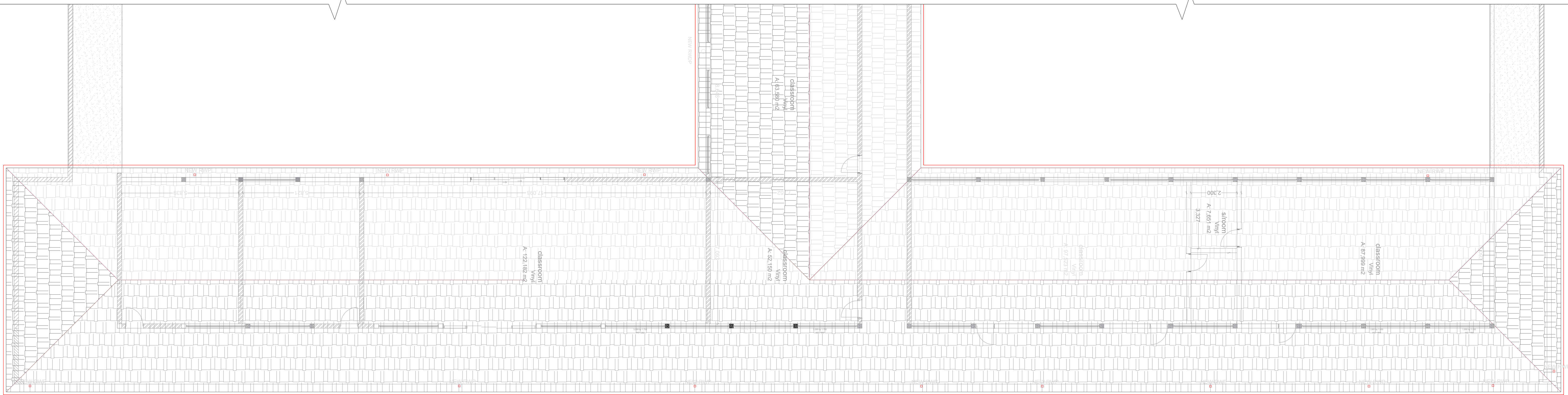
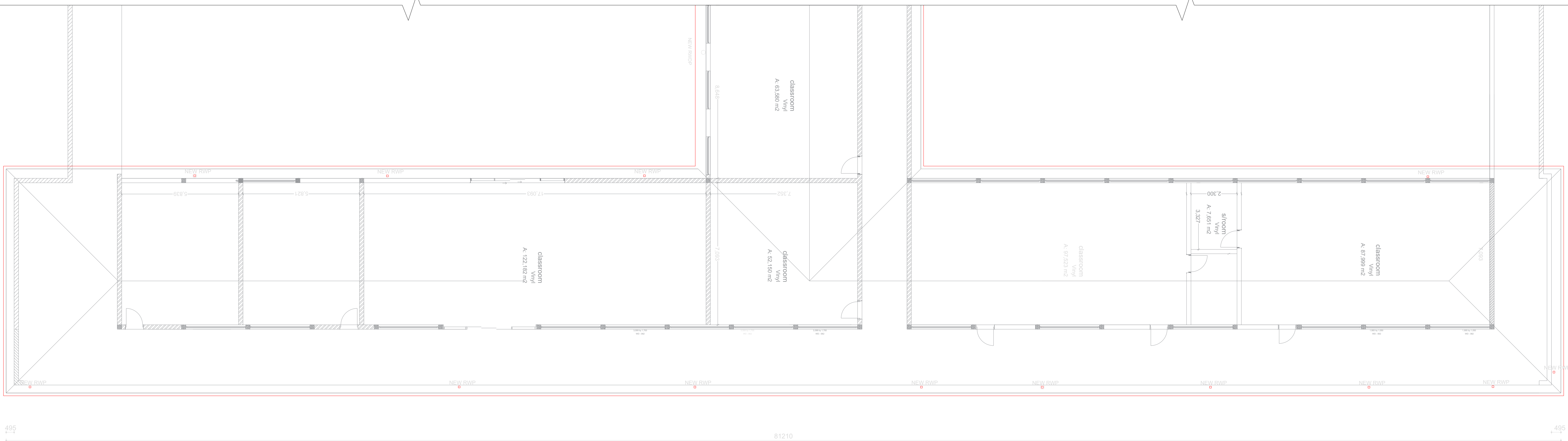


All work to be done in accordance with SANS 10400 Figured dimensions to be taken in preference to related dimensions Reported any discrepancies direct to the Architect before commencing work This drawing is copyright and remains with the architect			
REVISIONS			
REV.	DATE	BY	CHECKED BY
0	25.11.2022	K.M.	S.M.
FOR TENDER SUBMISSION			



ROOF PLAN  
SCALE 1:100



ROOF PLAN  
SCALE 1:100

**FINISHES / SPECIFICATION SCHEDULES - GENERAL SPECIFICATION NOTES TO BE READ WITH STANDARD TRADE PREAMBLES WB 20 TRADE NAMES AS SPECIFIED OR EQUAL APPROVED**

**FOUNDATIONS :**  
FOUNDATIONS AS PER STRUCTURAL ENGINEER'S DETAILS

**FLOORS :**  
100mm THICK POWER FLOATED CONCRETE SLAB ( 25mpa )  
REINFORCED 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 AND COMPACTED TO 90% MOD  
AASHTO. SOIL TO BE POISONED IN ACCORDANCE WITH SABS 1165,  
CERTIFICATE MUST BE PROVIDED.

**VERANDA WALKWAY :**  
100mm THICK CONCRETE SLAB (20 MPa) REINFORCED WITH MESH,  
REF. 193, SET 25mm ABOVE 250 MICRON GUNPLAS USB GREEN DPC  
ON 50mm TREATED AND RAMMED RIVER SAND ON FILL  
COMPACTED TO 90% MOD AASHTO. SLAB LAID WITH 25mm FALL  
AWAY FROM WALL, AND CAST IN ALTERNATE PANELS OF 2000mm,  
CONTROL JOINTS SEALED WITH 10mm DEEP POLYULPHIDE SEALANT  
AND SOFTBOARD, WOOD FLOAT TO NON-SLIP FINISH.

**CONCRETE APRONS / CHANNELS :**  
70mm THICK 30 MPa CONCRETE APRONS LAID TO A FALL OF 1:200  
TO RELIEF POINTS, CAST ALTERNATE PANELS WITH A CONTROL  
JOINTS EVERY 2000mm, ON FILL COMPACTED TO MOD AASHTO  
90%. CONTROL JOINTS TO BE SEALED WITH 10mm POLYSULPHIDE

**WALLS :**  
ALL WALLS TO COMPLY WITH THE NATIONAL BUILDING  
REGULATIONS. CORCORBK® FRIELIGHT SATIN® FBA FACE BRICK  
WALLS IN STRETCHER BOND WITH RULED JOINTS AND PERPENDS  
INTERNALLY AND EXTERNALLY. CORCORBK NFP TO BE USED FOR  
PLASTERED WALLS. CORCORBK ENGINEERING BRICKS TO BE  
WALLS USED IN PLINTH WALLS BELOW DPC LEVEL.

GALVANISED BRICKFORCE TO ALL COURSES FROM WINDOW HEAD  
TO UNDERSIDE OF WALL PLATE. GALVANISED CRIMP WIRE TIES 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 SOFTBOARD  
BETWEEN 230mm BRICK WALLS. TO BE SEALED INTERNALLY AND  
EXTERNALLY WITH 10mm DEEP POLYULPHIDE SEALANT.

**PLASTER :**  
INTERNAL PLASTER TO BE 13 to 16mm THICK, CEMENT / SAND  
RATIO OF 1:5, PLASTER SEALED, UNDERCOAT, 2  
COATS WALL N' ALL EMULSION PAINT, COLOUR TO BE  
APPROVED.

**AIR-BRICKS :**  
225 x 150mm TERRA-COTTA VERMIN PROOFED  
AIR-BRICKS AS INDICATED ON GABLE ELEVATIONS

**CEILINGS :**  
6.5mm THICK RHINOBOARD CLOUT NAILED TO 38 x 50mm  
BRANDERINGS 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  
COATS PVA.

**DOORS / SECURITY GATES :**  
REFER TO DOOR SCHEDULE

**WINDOWS :**  
REFER TO WINDOW SCHEDULE

**WINDOW CILLS :**  
**EXTERNAL CILLS** TO BE ROLLER COURSE FBA FACE BRICK SET AT  
AN ANGLE OF 15 DEGREES, 375 MICRON EMBOSSED DAMP PROOF  
MEMBRANE BELOW ALL CILLS

**INTERNAL CILLS** TO BE FIBRE CEMENT COMPLETE WITH  
FIXING LUGS AND SELF TAPPING SCREWS

**VERANDAH WALKWAY STEELWORK :**  
100mm DIAMETER HOT DIPPED GALVANISED MILD STEEL POST  
AT CENTERS AT INDICATED ON FLOOR PLANS, FINISHING COLOUR  
AS PER ARCHITECT'S SPECIFICATIONS WHILST INTERMEDIATE  
COLOURS AS PER STRUCTURAL ENGINEER'S, FIXING OF POST  
AT TOP AND BOTTOM AS PER STRUCTURAL ENGINEER'S.

**ROOF :**  
ROOF PITCH TO BE 17.5 DEGREES, 0.6mm CONTINUOUS IBER  
PROFILE ROOF SHEETING WITH PRE PAINTED FACTORY FINISH  
FIXED WITH LEAK KING ROOFING SCREWS, HOLES FOR ROOFING  
SCREWS TO BE DRILLED NOT PUNCHED, SONOPUR POLYCLUSURES  
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 75mm x 50mm PURLINS AT MAX. OF  
1200mm C.R.S. ON TRUSSES AT MAX. OF 1200mm CRS TO BE  
STRAPPED TO 114mm x 38mm WALLPLATE WITH 30mm x 1.6mm x  
600mm LONG GALVANIZED HOOP IRON STRAPS BUILT INTO  
COURSING, SISALATION RSA 400 UNDERLAY OVER TRUSSES AND  
UNDER PURLINS ON STRAINING WIRES, PREPARED CLEATED  
ROOF TRUSSES OR TRUSSES MANUFACTURED ON SITE TO BE TO  
DEPARTMENTAL ENGINEERS APPROVAL, 14mm x 38mm RAPTERS  
AND TIES, 114mm 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, ALL EXPOSED ROOF TIMBER TO BE PAINTED WITH 2  
COATS OF ABE PROVONITE, BEFORE FIXING OF ROOF SHEETS,  
FASCIAS AND BARGEBOARDS

**ROOF INSULATION :**  
SUITABLE FLEXIBLE INSULATION ACHIEVING A MINIMUM 'R' VALUE  
OF 2.75m² K/W TO BE FITTED BETWEEN PURLINS.

**BARGE AND FASCIA BOARDS :**  
FIBRE CEMENT SOCKETLESS BARGE BOARDS  
200mm x 80mm WITH H-PROFILE ALUMINIUM BARGE BOARD  
JOINTERS, DRILL FOR AND FIX WITH HOT DIPPED GALVANISED  
SCREWS AND WASHERS, 75 x 50mm TRIMMER BATTEN FIXED TO  
UNDERSIDE OF PURLIN ENDS FOR BARGE BOARD FIXING, EVERITE  
NUTEC MEDIUM DENSITY FIBRE CEMENT FASCIAS 12mm x 225mm  
WITH H-PROFILE ALUMINIUM FASCIA BOARD JOINTERS, DRILL FOR  
AND FIX WITH HOT DIPPED GALVANISED SCREWS AND WASHERS.

**GUTTERS & DOWNPIPES :**  
SEAMLESS ALUMINIUM GUTTERS WITH BAKED ENAMEL  
FINISH AND FIXED TO SUPPLIERS SPECIFICATIONS, WITH 100mm x  
100mm FLUTED ALUMINIUM DOWNPIPES WITH BAKED  
ENAMEL FINISH AND FIXED TO SUPPLIERS SPECIFICATION.

**CHALKBOARD :**  
4800mm WIDE x 1140mm HIGH GREEN CHALKBOARD TO BE  
SUPPLIED COMPLETE WITH CHALK RAIL AS ONE UNIT.  
CHALKBOARD TO BE FIXED AS PER MANUFACTURERS  
INSTRUCTIONS, CLEARANCE HEIGHT FROM BOTTOM OF  
CHALKBOARD TO FLOOR LEVEL TO BE 935mm.

**WHITE BOARD :**  
4800mm WIDE x 1140mm HIGH WHITEBOARD SUPPLIED COMPLETE  
WITH RAIL AS ONE UNIT AND TO BE FIXED AS PER  
MANUFACTURERS INSTRUCTIONS, CLEARANCE HEIGHT FROM  
BOTTOM OF WHITE BOARD TO FLOOR LEVEL TO BE 935mm.

**PIN BOARD :**  
1500mm WIDE x 1200mm HIGH ANODISED ALUMINIUM FRAMED  
PINNING BOARD WITH INFILL BOARD FELT AS PER ARCHITECT'S  
SPECIFICATIONS AND TO MANUFACTURERS FIXING INSTRUCTIONS  
CLEARANCE HEIGHT FROM BOTTOM OF PIN BOARD TO FLOOR  
LEVEL TO BE 935mm.

**JOINERY :**  
KINDLY MAKE REFERENCE TO THE ARCHITECT'S  
DETAILED DRAWINGS.

**SIGNAGE :**  
KINDLY MAKE REFERENCE TO THE ARCHITECT'S  
DETAILED DRAWINGS.

**PLUMBING AND DRAINAGE :**  
ALL PLUMBING AND DRAINAGE WORK IS TO BE DONE BY A  
QUALIFIED PLUMBER AND IS TO COMPLY WITH THE NATIONAL AND  
BUILDING REGULATIONS.

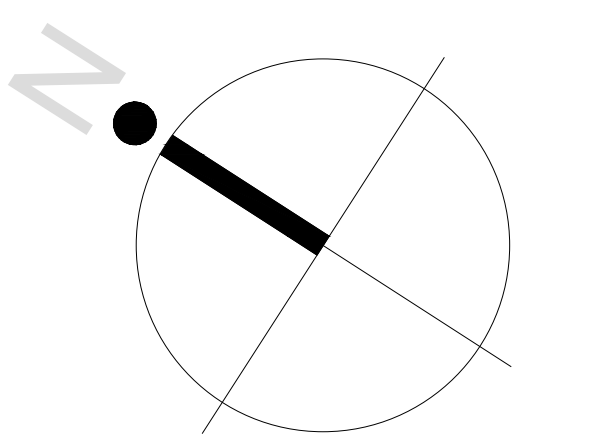
**ELECTRICAL :**  
ALL ELECTRICAL WORK IS TO BE DONE BY A QUALIFIED  
ELECTRICIAN AND IS TO COMPLY WITH THE NATIONAL AND  
BUILDING REGULATIONS.

**FIRE :**  
THE FIRE ASPECT OF THE PROJECT IS TO COMPLY WITH THE  
NATIONAL AND BUILDING REGULATIONS.

**HANDRAILS / BALUSTRADES :**  
**RAMPS** - 50mm dia. HOT DIPPED GALVANISED HANDRAIL FIXED TO  
1000mm HIGH FACEBRICK WALL.

**EXTERNAL STAIRCASE** - 50mm dia. HOT DIPPED GALVANISED  
HANDRAIL FIXED TO 1000mm HIGH FACEBRICK WALL.

	<b>NOTES FOR GUTTERING</b> ASBESTOS GUTTER TO BE REMOVED AND REPLACED WITH ALUMINIUM FLUTED DOWN PIPES
	<b>NOTES ON DOWNPIPE</b> ASBESTOS DOWNPIPES TO BE REMOVED AND REPLACED WITH 100x100mm ALUMINIUM FLUTED DOWN PIPES



**SIZA**architects  
71 TERENMOUTH ROAD UMBELO DURBAN 4001 | POBOX 51029 NJURUWAVE 4002  
P: +2731 256 2888 F: +2731 952 2002 | [info@sizaarchitects.co.za](mailto:info@sizaarchitects.co.za)  
[www.sizaarchitects.co.za](http://www.sizaarchitects.co.za) | #SIZAARCHITECTS

ARCHITECTS SIGNATURE: \_\_\_\_\_ SACAP No: \_\_\_\_\_

PROPOSED DEVELOPMENT USE:  
**KZN DOE INFRASTRUCTURE  
DEVELOPMENT AND  
MAINTENANCE PROGRAMME  
FOR RIDGE PARK COLLEGE**

STREET ADDRESS:  
**399 PETER MOKABA RIDGE**

CADASTRAL DESCRIPTION ( Erf No.): \_\_\_\_\_

OWNER / CLIENT SIGNATURE: \_\_\_\_\_ PHONE: \_\_\_\_\_

DRAWING TITLE:  
**FLOOR PLAN AND ROOF PLAN  
FOR BLOCK D**

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
	K.M.	S.M.	
PAGE SIZE	DRAWING UNITS	SCALE	DATE
A3	MILLIMETRES	1:100	21.11.2022
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DRAWING TYPE	FOR TENDER		