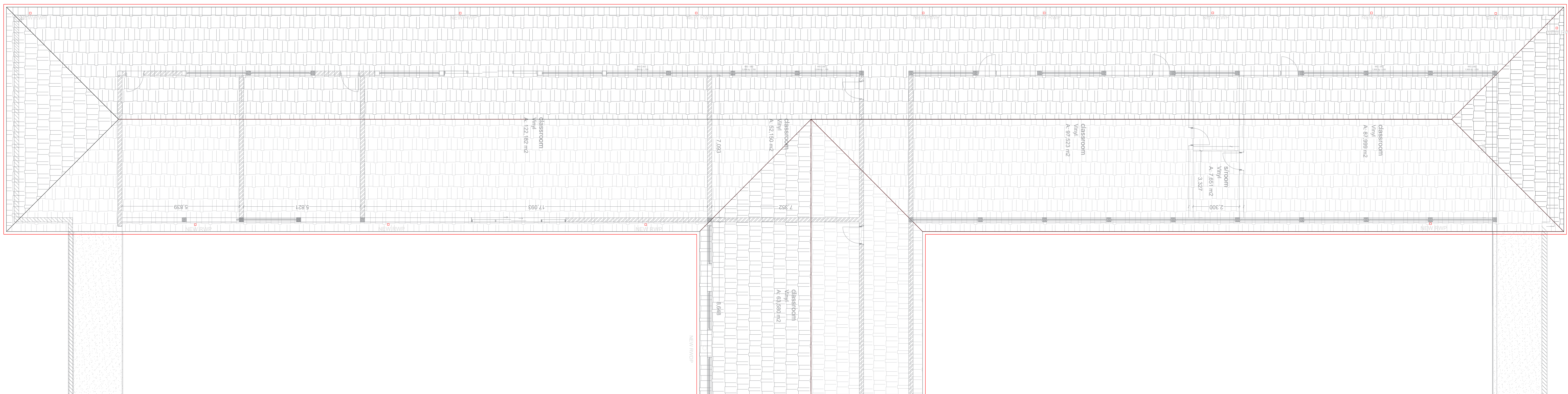


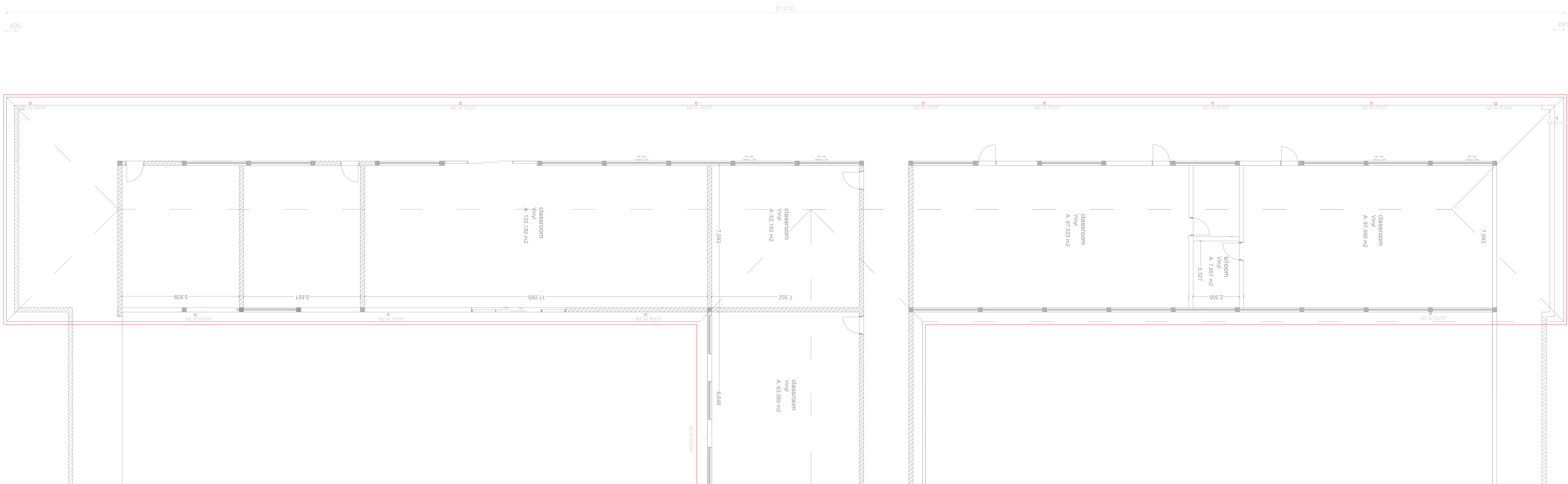
REVISIONS

REV.	DATE	BY	CHECKED BY
0	25.11.2022	K.M.	S.M.

FOR TENDER SUBMISSION



ROOF PLAN
SCALE 1:100



THIRD STOREY FLOOR 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. 103, 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. 103, SET 25mm ABOVE 250 MICRON GUNPLAS USB GREEN DPC
ON 50mm TREATED AND RAMMED RIVER SAND ON FILL
COMPACTED TO 95% MOD AASHTO, SLAB LAID WITH 25mm FALL
AWAY FROM WALL AND CAST IN ALTERNATE PANELS OF 2000mm,
CONTROL JOINTS SEALED WITH 10mm BACKING STRIP AND
SOFTBOARD, WOOD FLOAT TO NON-SLIP FINISH.

CONCRETE APRONS / CHANNELS

75mm THICK 20 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
95% CONTROL JOINTS TO BE SEALED WITH 10mm POLYSULPHIDE

WALLS

ALL WALLS TO COMPLY WITH THE NATIONAL BUILDING
REGULATIONS, COROBRIK "FIRELIGHT SATIN" FBX FACE BRICK
WALLS IN STRETCHER BOND WITH RULED JOINTS AND PERPENDS
INTERNALLY AND EXTERNALLY, COROBRIK NFP TO BE USED FOR
PLASTERED WALLS, COROBRIK ENGINEERING BRICKS TO BE
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 IMPREGATED SOFTBOARD
BETWEEN 230mm BRICK WALLS, TO BE SEALED INTERNALLY AND
EXTERNALLY WITH 10mm DEEP POLYSULPHIDE SEALANT.

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

AIR-BRICKS

225 x 125mm TERRA-COTTA VERMIN PROOFED
AIR-BRICKS AS INDICATED ON GABLE ELEVATIONS

CEILINGS

6.5mm THICK RHINOBOARD CLOUT NAILED TO 38 x 50mm
BRANDERSTADT AT 400mm CRS, PRIME, FILL AND SAND LEVEL FOR
PAINTING, 12mm WIDE H-PROFILE METAL COVER STRIPS TO
JOINTS, 15 x 20mm SOFTWOOD CORNICE SPIRED 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 IBR
PROFILE ROOF SHEETING WITH PRE PAINTED FACTORY FINISH
FIXED WITH LEAK KING ROOFING SCREWS, HOLES FOR ROOFING
SCREWS TO BE DRILLED NOT PUNCHED, SONDOR POLY-CLOSURES
AT RIDGE FLASHING AND MASTIC SEALANT TO ALL SIDE LAPES,
DETERMINE DIRECTION OF WIND BEFORE LAYING SHEETS, SHEETS
TO PROJECT A MINIMUM OF 50mm BEYOND PURLINS AT EAVES,
SHEETS TO BE FIXED TO 76mm x 50mm PURLINS AT MAX. OF
1250mm C/C'S ON TRUSSES AT MAX. OF 1250mm CRS TO BE
STRAPPED TO 114mm x 38mm WALLPLATE WITH 30mm x 1.6mm x
800mm LONG GALVANIZED HOOP IRON STRAPS BUILT INTO
COURSING, SIALALATION RSA 420 UNDERLAY OVER TRUSSES AND
UNDER PURLINS ON STRAINING WIRES, PREFABRICATED CLEATED
ROOF TRUSSES OR TRUSSES MANUFACTURED ON SITE TO BE TO
DEPARTMENTAL ENGINEERS APPROVAL, 114mm x 38mm RAFTERS
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,
FASCAS AND BARGEBOARDS

ROOF INSULATION

SUITABLE FLEXIBLE INSULATION ACHIEVING A MINIMUM 'R' VALUE
OF 2.75m² KW 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, 76 x 50mm TRIMMER BATTEN FIXED TO
UNDERSIDE OF PURLIN ENDS FOR BARGE BOARD FIXING, EVERITE
NUTEC MEDIUM DENSITY FIBRE CEMENT FASCAS 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 GUTTER 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
SCHEDULE 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.

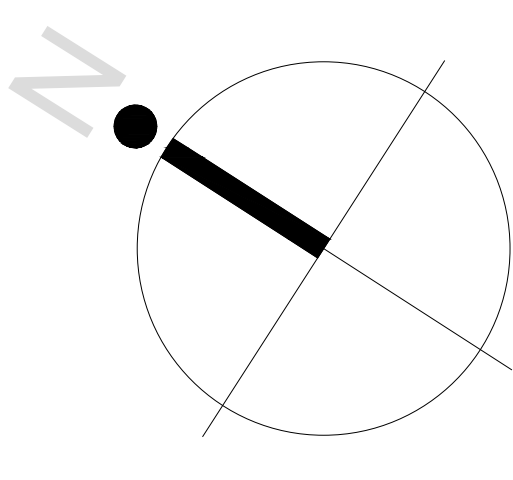
HANDRAILS / BALUSTRADES

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.

EXTERNAL STAIRCASE

50mm dia. HOT DIPPED GALVANISED
HANDRAIL FIXED TO 1000mm HIGH FACEBRICK WALL.

NOTES ON GUTTERING
ASBESTOS GUTTER TO BE REMOVED AND REPLACED WITH ALUMINIUM FLUTED DOWN PIPES
NOTES ON DOWNPIPE
ASBESTOS DOWNPIPES TO BE REMOVED AND REPLACED WITH 100x100mm ALUMINIUM FLUTED DOWN PIPES



SIZAarchitects

71 TERENMOUTH ROAD UMBELO DURBAN 4001 | P.O BOX 11025 NJURUVALE 4002
P: +27 31 125 2889 F: +27 31 125 2892 | info@sizaarchitects.co.za
www.sizaarchitects.co.za | sizaarchitects.co.za

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 (REF No.):

OWNER / CLIENT SIGNATURE: _____

PHONE: _____

DRAWING TITLE

**FLOOR & ROOF PLANS
FOR BLOCK C**

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____ APPROVED BY: _____

PAGE SIZE: A3 DRAWING UNITS: SCALE: 1:100 DATE: 21.11.2022

PROJECT NO: P1908_10 DRAWING NO: 1908_10_ARC_TO_200_01 REV: 0

DRAWING TYPE: FOR TENDER