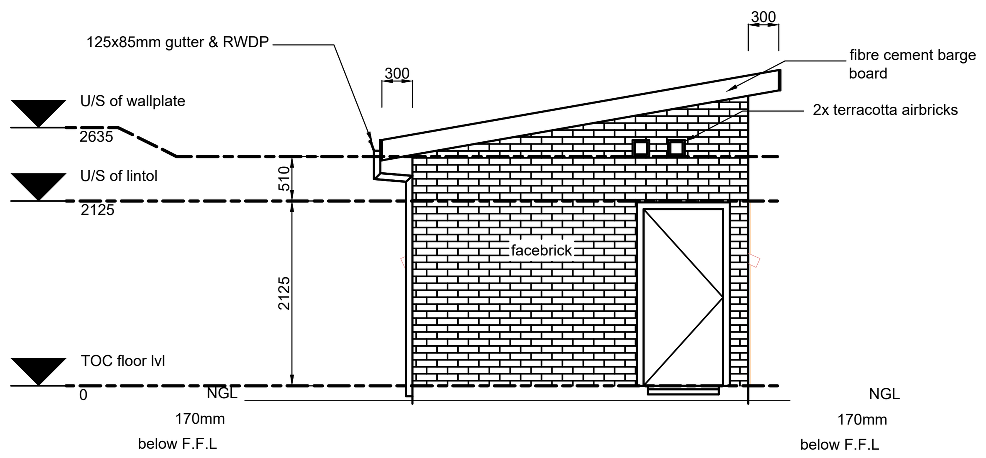
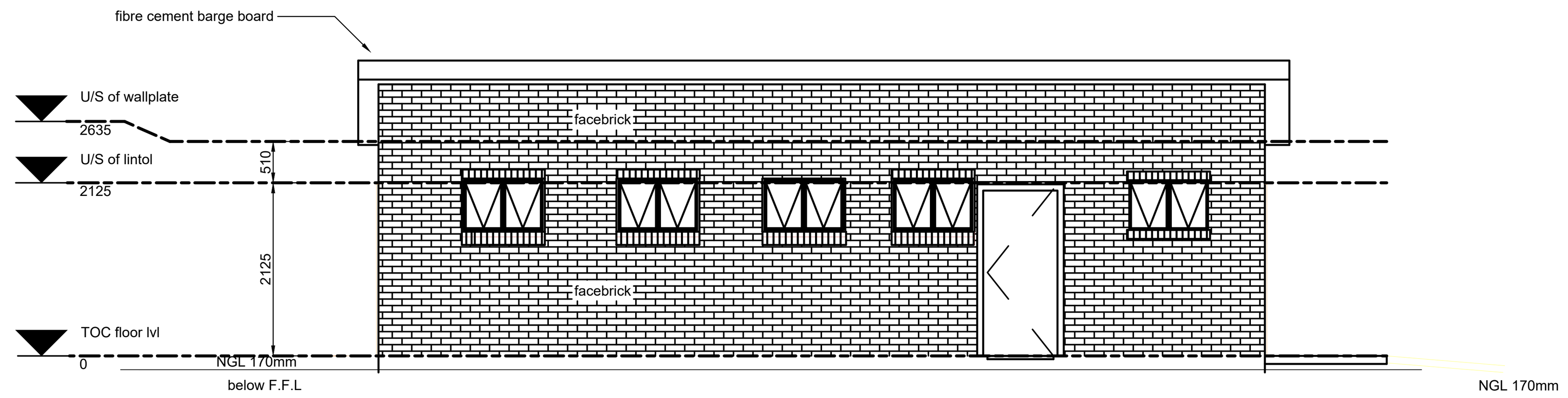
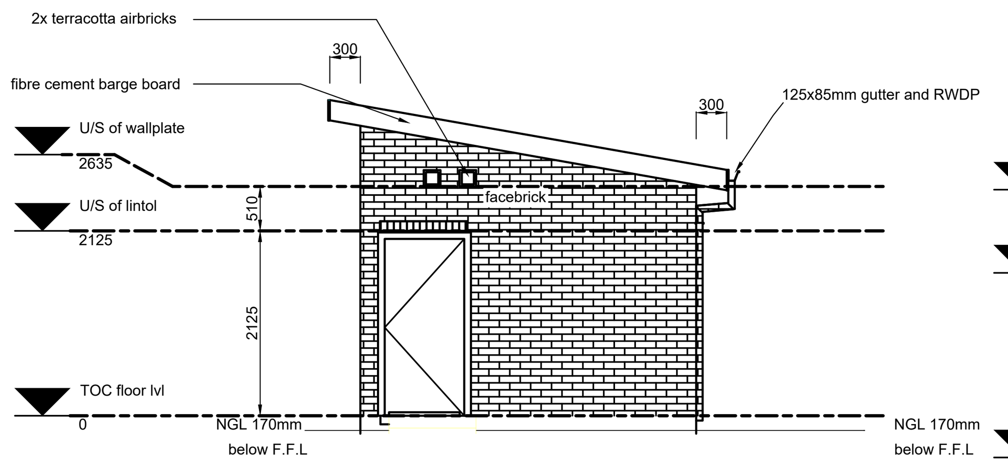


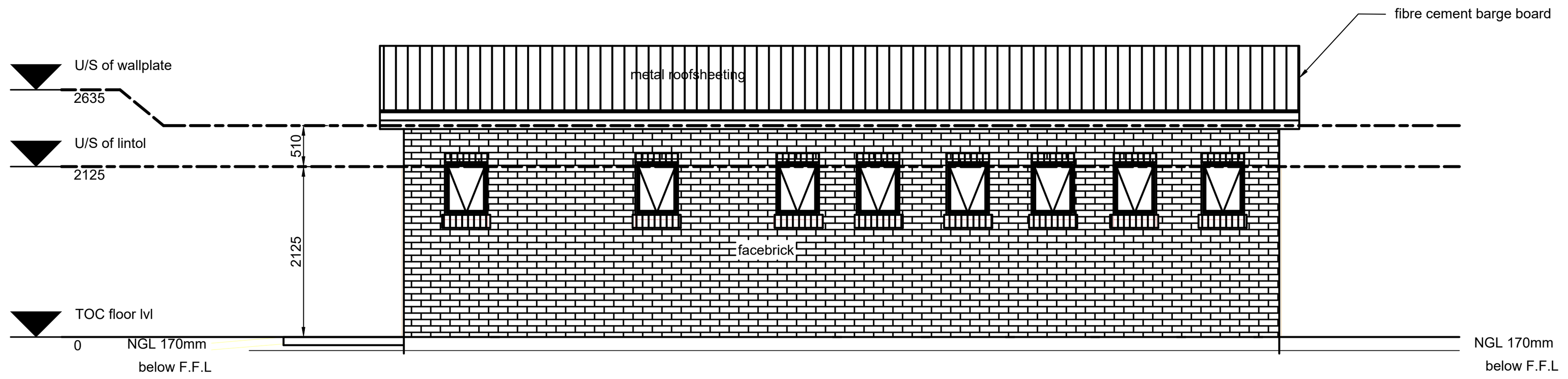
EDUCATORS ABLUTION BLOCK - ELEVATION 3
SCALE 1:50



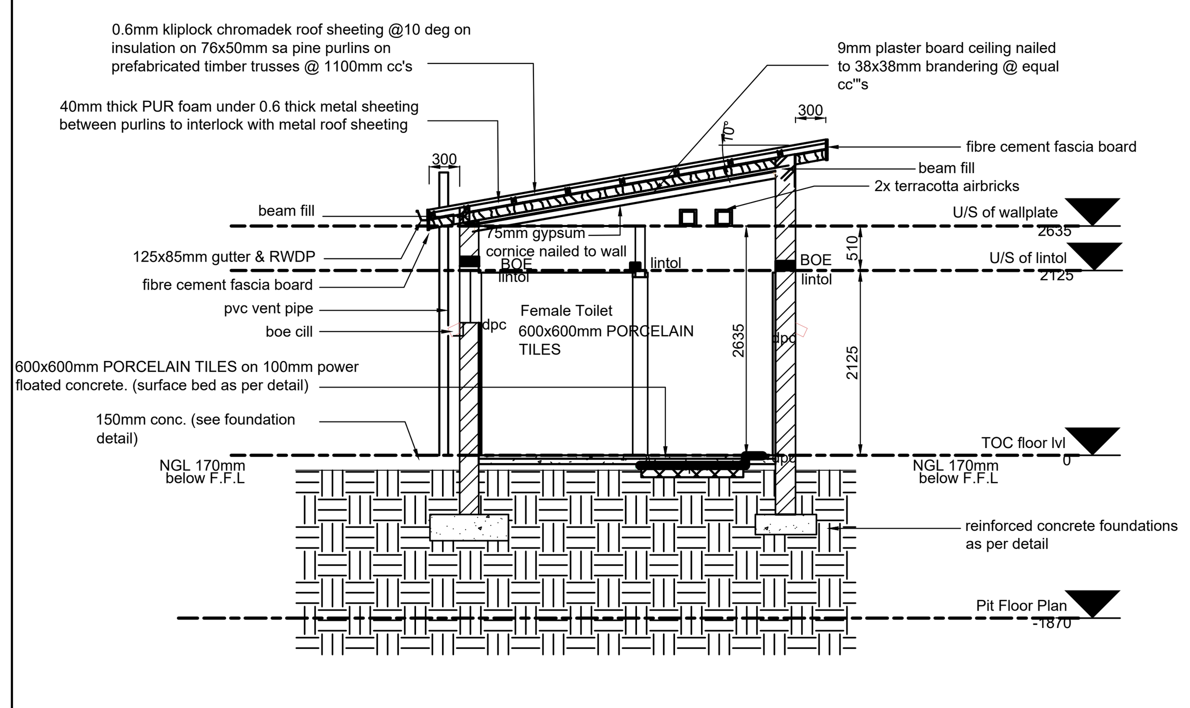
EDUCATORS ABLUTION BLOCK - ELEVATION 1
SCALE 1:50



EDUCATORS ABLUTION BLOCK -ELEVATION 2
SCALE 1:50



EDUCATORS ABLUTION BLOCK - ELEVATION 4
SCALE 1:50



EDUCATORS ABLUTION BLOCK - SECTION A-A
SCALE 1:50

NB ALL DOOR LEAF SIZES TO BE CONFIRMED ON SITE

	NE01 (533 x 654)
CATALOGUE NUMBER	NE01
GLAZING	6.28mm OBSCURE SAFETY GLASS
FRAME	533 x 654mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
NO. REQUIRED	8

	NE02 (1020 x 655)
CATALOGUE NUMBER	NE02
GLAZING	6.28mm OBSCURE SAFETY GLASS
FRAME	1020 x 655mm HIGH STANDARD STEEL WINDOW FRAME
FRAME FINISH	SPOT PRINING DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EPWP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL
NO. REQUIRED	4

T02	CUBICLE DOOR (1974 / 2124 / 150)
FRAME TYPE	SINGLE REBATE STEEL DOOR FRAME – SIZE 83x53mm (FRAME UNDERCUT TO 150mm)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS–GLOSS ENAMEL – COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED EMBRACED DOOR SIZE 813x2032mm (DOOR RAISE BY 150mm TO TOP OF FRAME
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL – COLOUR TBC
LOCK	TOILET INDICATOR LOCK
IRONMONGERY	100mm CHROME PLATED "D" TYPE HANDLE 3 BY SOLID BRACE HINGES
NO. REQUIRED	6

T01	EXTERNAL DOOR (2124 / 2124)
FRAME TYPE	SINGLE REBATE STEEL FRAME TO FIT 220mm WALL (D1)
FRAME FINISH	PRIME AND PAINT UNDERCOAT AND 2 COATS–GLOSS ENAMEL – COLOUR TBC
DOOR LEAF	44mm FRAMED LEDGED AND BRACED DOOR SIZE 813x2032mm INCLUDING EXTERNAL WEATHER BAR
LEAF FINISH	UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL – COLOUR TBC
LOCK	3 LEVER MORTICE LOCK SET
IRONMONGERY	100mm BRACE CABIN HOOK
NO. REQUIRED	3

NOTES AND SPECIFICATIONS:

GENERAL

1. Use dimensions provided and do not sclae drawing.
2. All work to comply with SANS, PW371 and SABS.
3. All dimensions, levels and positions to be verified on site prior to construction.
4. All concrete work to be as per Engineer's details and specifications.

CONCRETE WORKS
1. All concrete to be as per Engineer's details and specifications.
2. 25 MPa strength concrete to be used throughout construction:
Trial Concrete Mixes: Proportions
Concrete Strenght at 28 Days 25Mpa:
1 : 2 : 2 (mix proportion by volume)
1 bag cement : 0.08m3 Sand : 0.09m3 Stone (Volume/Bag)
385 kg cement : 820 kg sand : 960 kg stone (Mass/m3)
3. Pre-cast concrete lintols to be used as support under top slab of pit.
4. All concrete aprons to be 1000mm wide..

MORTAR
Mixed proportions to be:
1 cement : 3 sand
(i.e.1 bag cement : 3 wheelbarrows (37 litres) sand)

BRICKWORK
Super-structure
1. All external walls / partitions to be of clay face brick to SABS quality.
2. All cubicle partition walls to be 3 courses above door height.
3. All brickwork above door openings should have brickforce on evry course at least 3 COURSES
4. Air bricks: Standard 230X152mm terra-colts vermin proofed lourved air grating to be used above all window openings.

ROOF SHEETING

1. 0.6mm kliplock chromadek roof sheeting

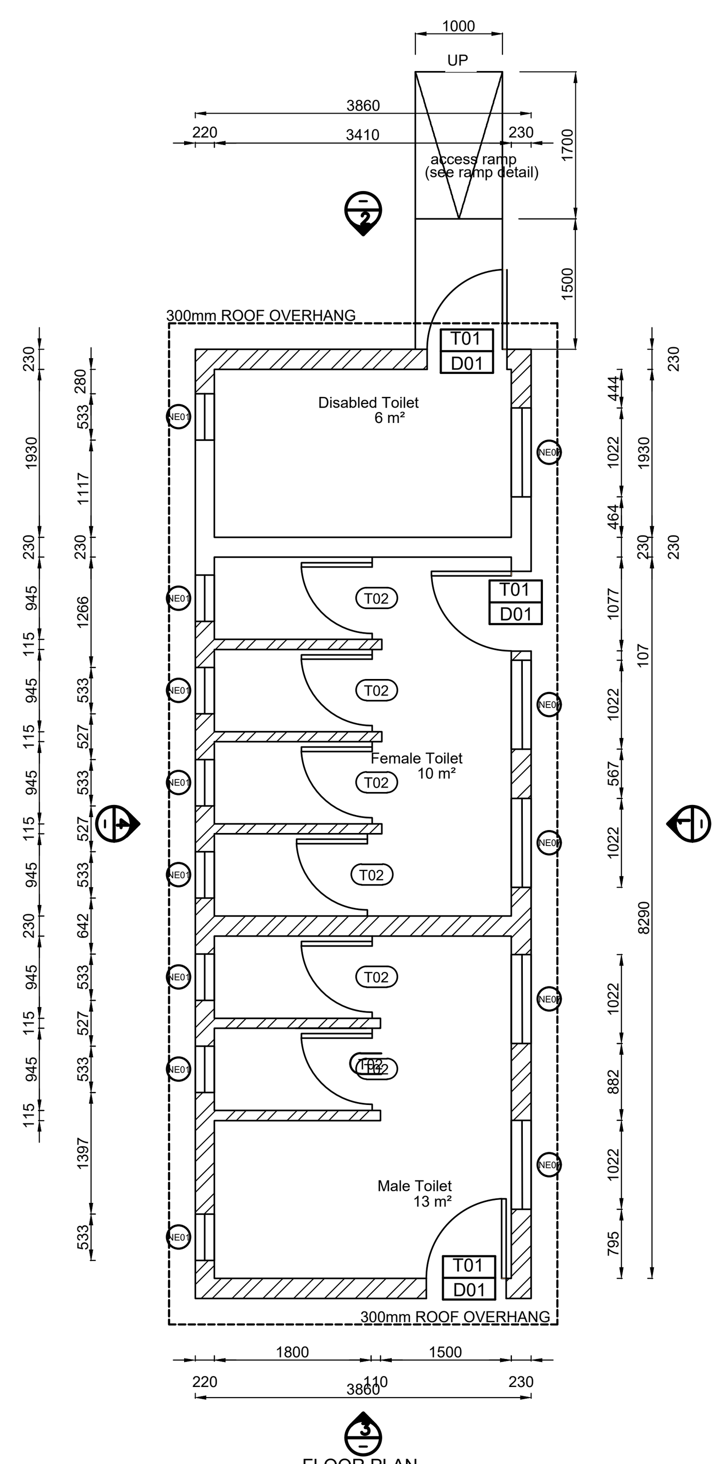
ROOF TIMBER / CEILING
1. All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
2. Timber connections (Hurricane Clips) are required all intercessions between timber rafters and purlins.
3. Sisalation is to be applied interval under all roof surfaces.

METALWORK
1. All metalwork should be primed before installation.
2. All steel window should have 6x20mm flat bar burglar proofing.

PLUMBING
1. Basins - refer to sanitary schedules.
2. All wash BASINS should be connected to the school's water supply system and the waste water should be piped to a soakaway.
3. The soakaway should be as per Engineer's detail and position to be determined on site.
4. Only 20mm and galvanised pipework should be used as connection from wall to the discharge points.

GLAZING
1. 6.28mm obscure safety glass

PAINTING
1. All paintwork to comply with SABS and PW371 specification.
2. All steel window and door frames including doors and fascia / barge boards to be discharge points.



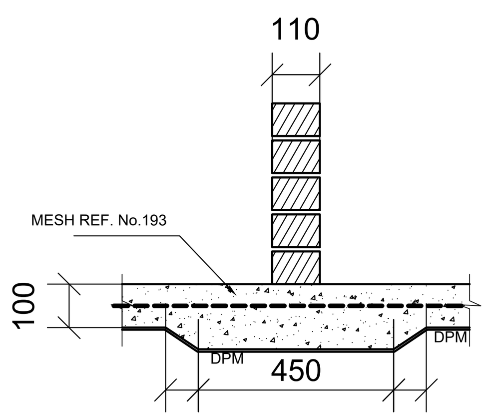
FLOOR PLAN
SCALE 1:50

CONSTRUCTION NOTES:

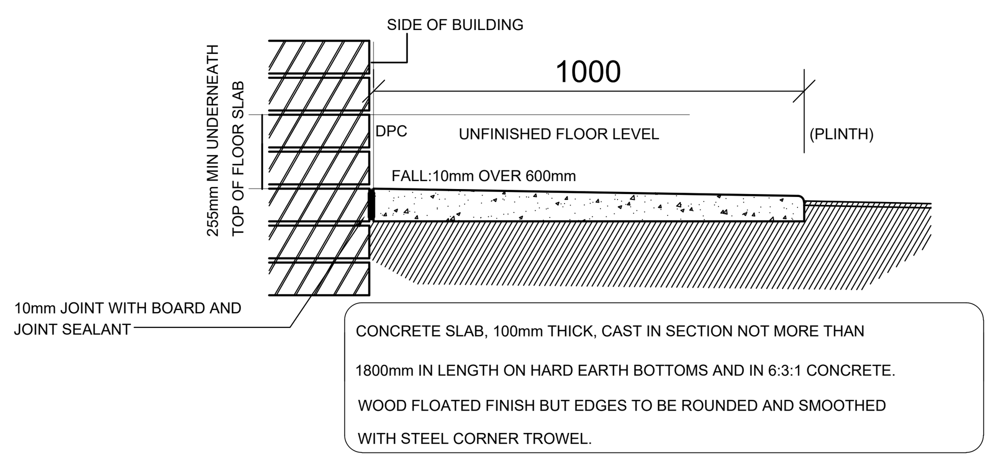
EARTHWORKS FOR FLOOR SLABS:
1.EXCAVATE 400mm THICK IN-SITU MATERIAL.
2.RIP AND COMPACT 150mm THICK IN-SITU MATERIAL TO TO 93% MOD AASHTO DENSITY.
3.CONSTRUCT TWO (2) 200mm THICK G6 SUB-GRADE LAYERS AND COMPACT TO 95% MOD AASHTO DENSITY.

EARTHWORKS FOR FOUNDATIONS:
1.EXCAVATE TRENCH UP TO 900mm DEEP, 700mm WIDE FOR STRIP FOOTINGS,RIP AND COMPACT GROUND AT 900mm DEPTH TO 93% MOD AASHTO.
2.PLACE REINFORCEMENT.
3.CAST CONCRETE AS PER SPECIFICATION.
4.CAST FOUNDATION BRICKWORK.
5.BACKFILL AS PER FLOOR SLAB EARTHWORKS

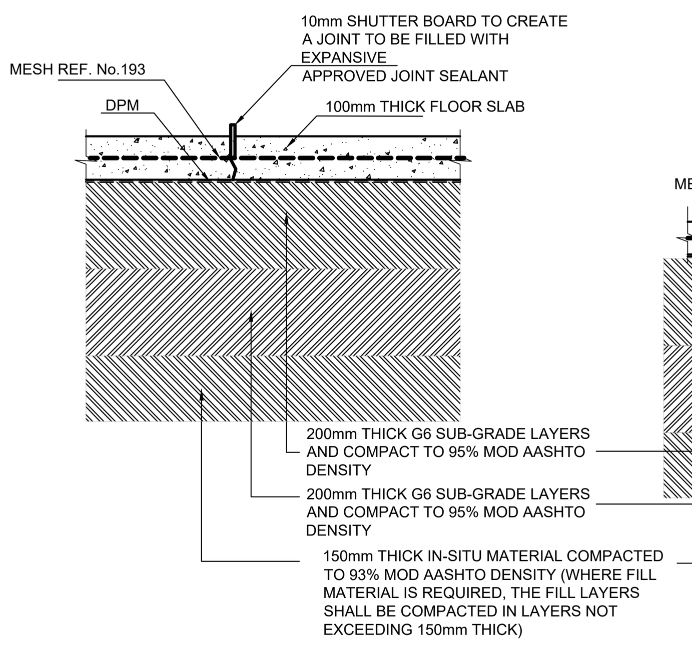
EARTHWORKS FOR APRONS:
1.RIP 150mm LAYER AND COMPACT TO 93% MOD AASHTO.



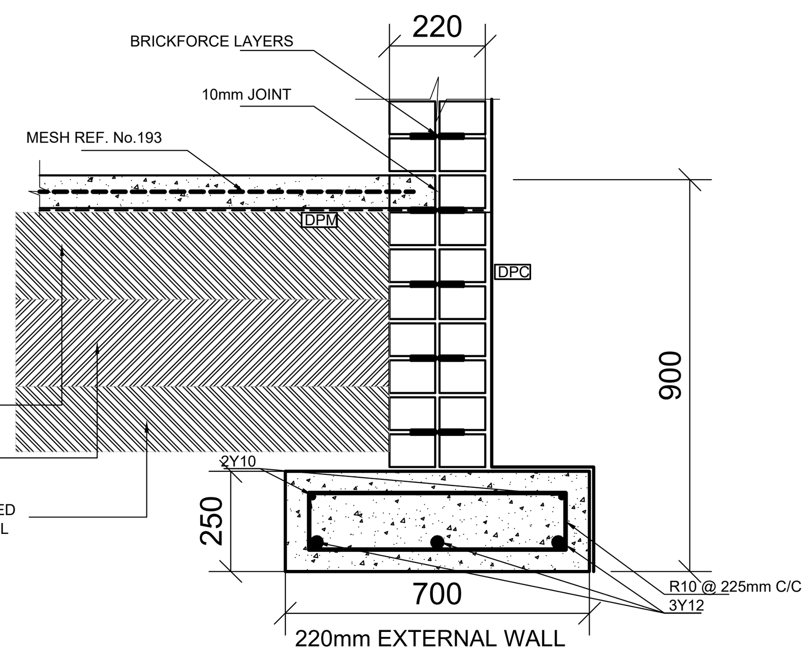
110mm INTERNAL WALL
SCALE 1:10



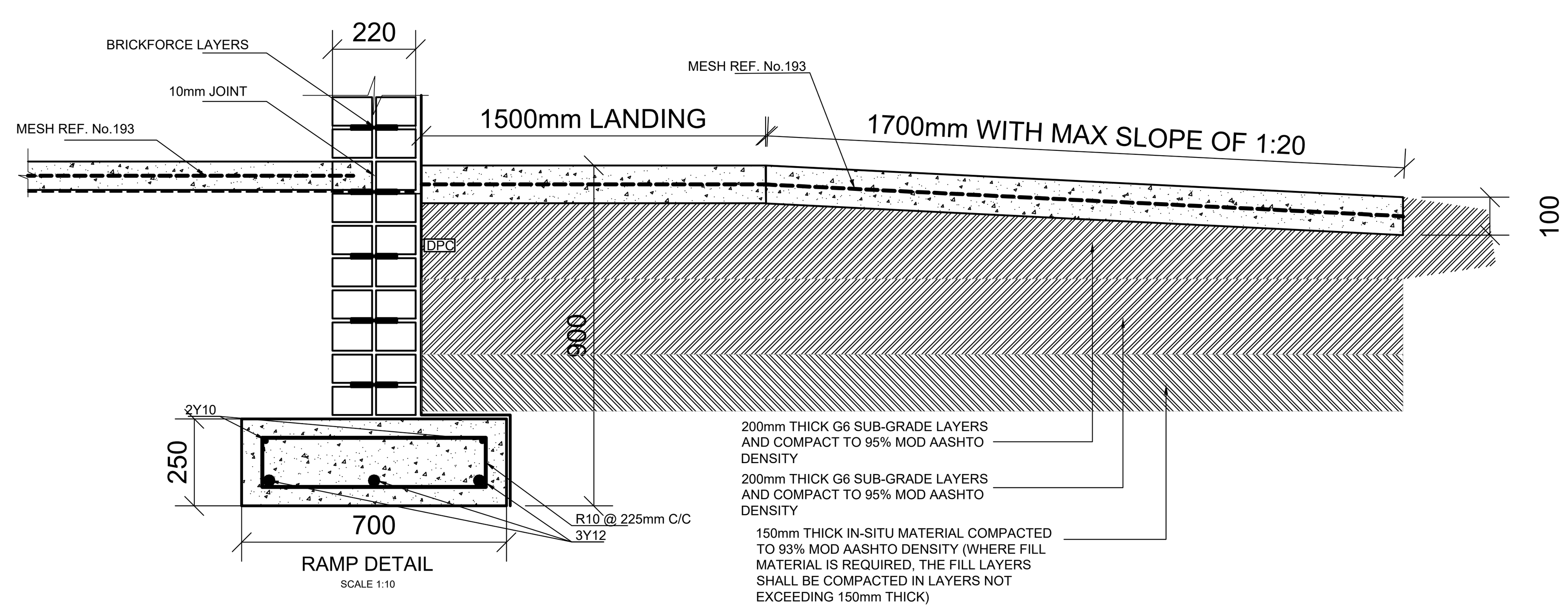
APRON
SCALE 1:20



CONSTRUCTION JOINT DETAIL
(AND LAYERWORKS)
SCALE 1:10



220mm EXTERNAL WALL
SCALE 1:10



RAMP DETAIL
SCALE 1:10

NOTES :

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REV	DATE	DESIGN	DRAWN	DESCRIPTION
A	30.10.2023	T.LEKALAKE	C.MBHELE	ISSUED FOR TENDER PURPOSES

RAMONOKANE PRIMARY SCHOOL

FOR

LIMPOPO PROVINCIAL GOVERNMENT REPUBLIC OF SOUTH AFRICA
DEPARTMENT OF EDUCATION

IMPLIMENTED BY

THE MVULA TRUST
A leading developmental NGO

SFD4+SM2+2UR

EDUCATORS ABLUTION BLOCK - FOUNDATION DETAILS

SCALE: AS SHOWN

PROJECT	DRAWING NUMBER	REVISION
RPS	DWG-ST-201	A

INFO | COUNCIL | TENDER | CONSTRUCTION

DATE:	DRAWN BY:
30/10/2023	VM