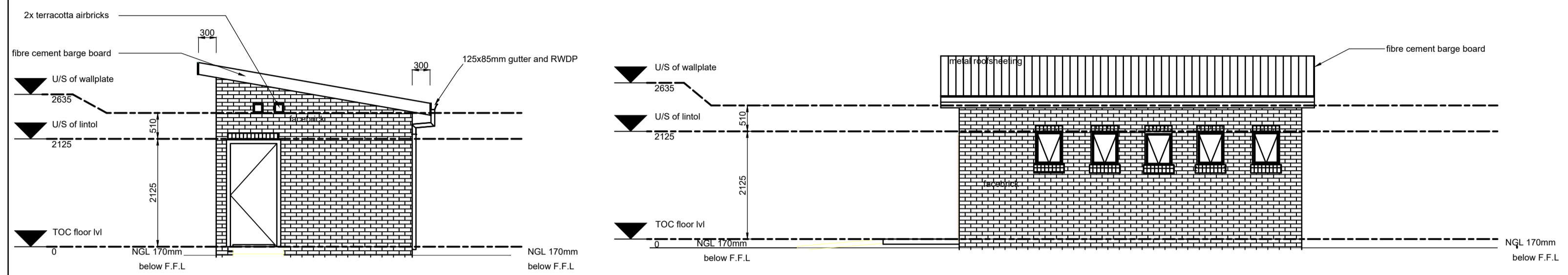


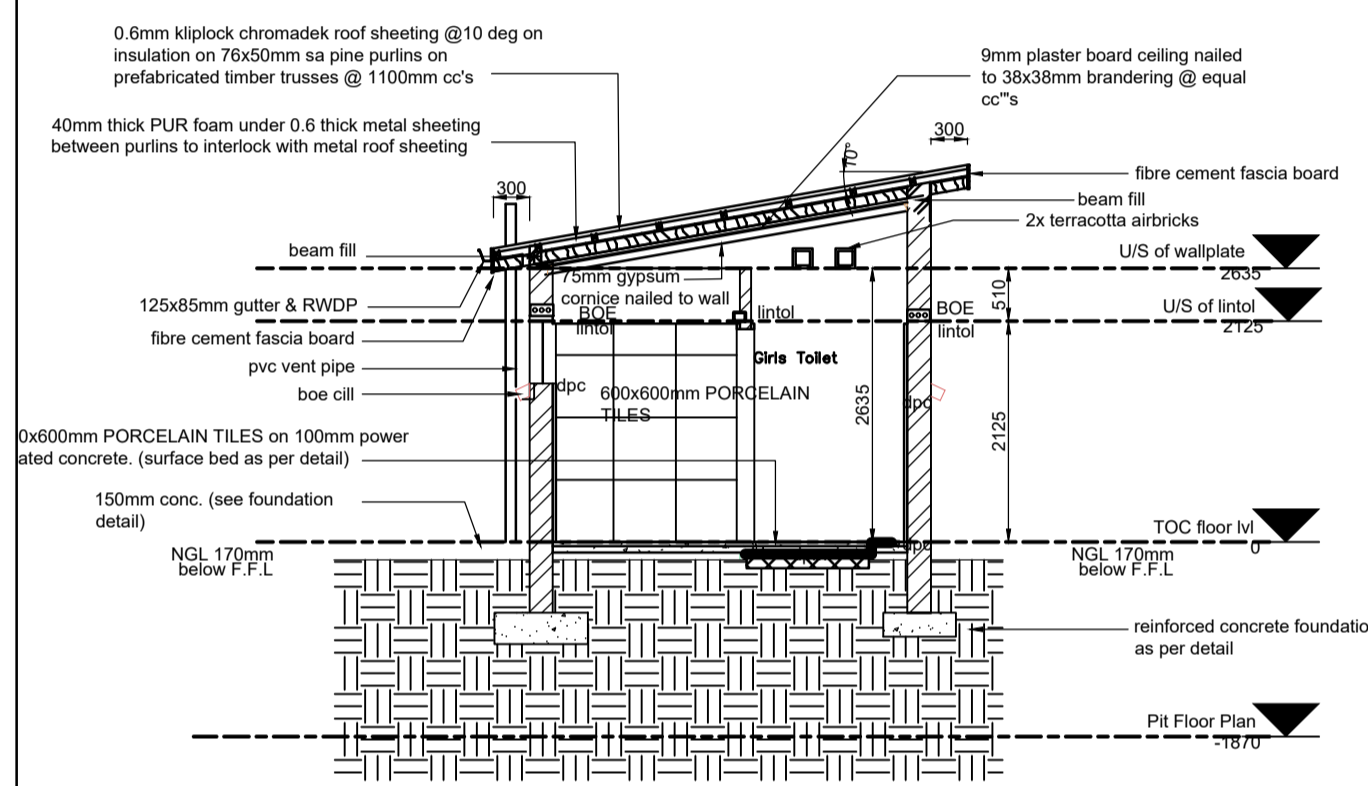
NEW GIRLS ABLUTION BLOCK - ELEVATION 3  
 SCALE 1:50

EDUCATORS ABLUTION BLOCK - ELEVATION 1  
 SCALE 1:50



NEW GIRLS ABLUTION BLOCK - ELEVATION 2  
 SCALE 1:50

EDUCATORS ABLUTION BLOCK - ELEVATION 2  
 SCALE 1:50



NEW GIRLS ABLUTION BLOCK - SECTION A-A  
 SCALE 1:50

| CATALOGUE NUMBER | NE01  |
|------------------|---|
| GLAZING          | 4.26mm OBSCURE SAFETY GLASS   |
| FRAME            | 533 x 854mm HIGH STANDARD STEEL WINDOW FRAME  |
| FRAME FINISH     | SPOT PRIME DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EMP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL |
| NO. REQUIRED     | 5   |

| CATALOGUE NUMBER | TO2  |
|------------------|--|
| FRAME TYPE       | BRICK REBATE STEEL DOOR FRAME - SIZE 854x2066 (FRAME UNDERCUT TO 150mm)              |
| FRAME FINISH     | PRIME AND PAINT UNDERCOAT AND 2 COATS GLOSS ENAMEL - COLOUR TBC                      |
| DOOR LEAF        | 14mm FRAMES LEIGED EMBRASED DOOR SIZE 854x2066 (DOOR RAISE BY 100mm TO TOP OF FRAME) |
| LEAF FINISH      | UNDER COAT AND MINIMUM 2 COATS GLOSS ENAMEL - COLOUR TBC                             |
| LOCK             | TOILET INDICATOR LOCK  |
| IRONMONGERY      | 100mm CHROME PLATED "Y" TYPE HANDLE 3 BY SOLID BRACE HINGES                          |
| NO. REQUIRED     | 4  |

| CATALOGUE NUMBER | NE07  |
|------------------|---|
| GLAZING          | 4.26mm OBSCURE SAFETY GLASS   |
| FRAME            | 1020 x 685mm HIGH STANDARD STEEL WINDOW FRAME   |
| FRAME FINISH     | SPOT PRIME DEFECTS IN PRE-PRIME SURFACE WITH ZINC CHROMATE PRIMER & APPLY ONE UNIVERSAL UNDER COAT & TWO COATS EMP GOLDEN BROWN GLOSS ENAMEL PAINT ON STEEL |
| NO. REQUIRED     | 3   |

| CATALOGUE NUMBER | TD1   |
|------------------|---|
| FRAME TYPE       | BRICK REBATE STEEL FRAME TO FIT 220mm WALL (D)  |
| FRAME FINISH     | PRIME AND PAINT UNDERCOAT AND 3 COATS GLOSS ENAMEL - COLOUR TBC   |
| DOOR LEAF        | 14mm FRAMES LEIGED AND BRACED DOOR SIZE 810x2032mm 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 FOR PANHANDLE DOOR STANDARD DOOR CLOSURE PUSH HANDLE (HT) & TRAM-TURN DOOR LOCK WITH OCCUPANCY INDICATOR |
| NO. REQUIRED     | 2   |

**NOTES AND SPECIFICATIONS:**

**GENERAL**

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

**CONCRETE WORKS**

- All concrete to be as per Engineer's details and specifications.
- 25 MPa strength concrete to be used throughout construction.

**Total Concrete Mixes: Proportions**  
 Concrete Strength at 28 Days 25Mpa:  
 1 : 2 : 2 (mix proportion by volume)  
 1 bag cement : 0.05m3 Sand : 0.09m3 Stone (Volume/Bag)  
 385 kg cement : 820 kg sand : 960 kg stone (Mass/m3)

**Pre-cast concrete lintels** to be used as support under top slab of pit.

All concrete aprons to be 1000mm wide.

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

**BRICKWORK**  
 Superstructure

- All external walls / partitions to be of clay face brick to SABS quality.
- All subside partition walls to be 3 courses above door height.
- All brickwork above door openings should have brickforce on every course at least 3 COURSES
- Air bricks: Standard 230x152mm terra-cotta vermin proofed loured air grating to be used above all window openings.

**ROOF SHEETING**

- 0.6mm kilplock chromadek roof sheeting

**ROOF TIMBER / CEILING**

- All roof timbers to be machined SABS treated wood with three coats of approved wood preservative.
- Timber connections (Hurricane Clips) are required all intersections between timber rafters and purlins.
- Sisalation is to be applied interval under all roof surfaces.

**METALWORK**

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

**PLUMBING**

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

**GLAZING**

- 4.26mm obscure safety glass

**PAINING**

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

NOTES:

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| REV | DATE       | DESIGN  | DRAWN    | DESCRIPTION                |
|-----|------------|---------|----------|----------------------------|
| A   | 30/10/2023 | LIMPOPO | CAMBEREL | ISSUED FOR TENDER PURPOSES |

**CONSTRUCTION NOTES:**

**EARTHWORKS FOR FLOOR SLABS:**

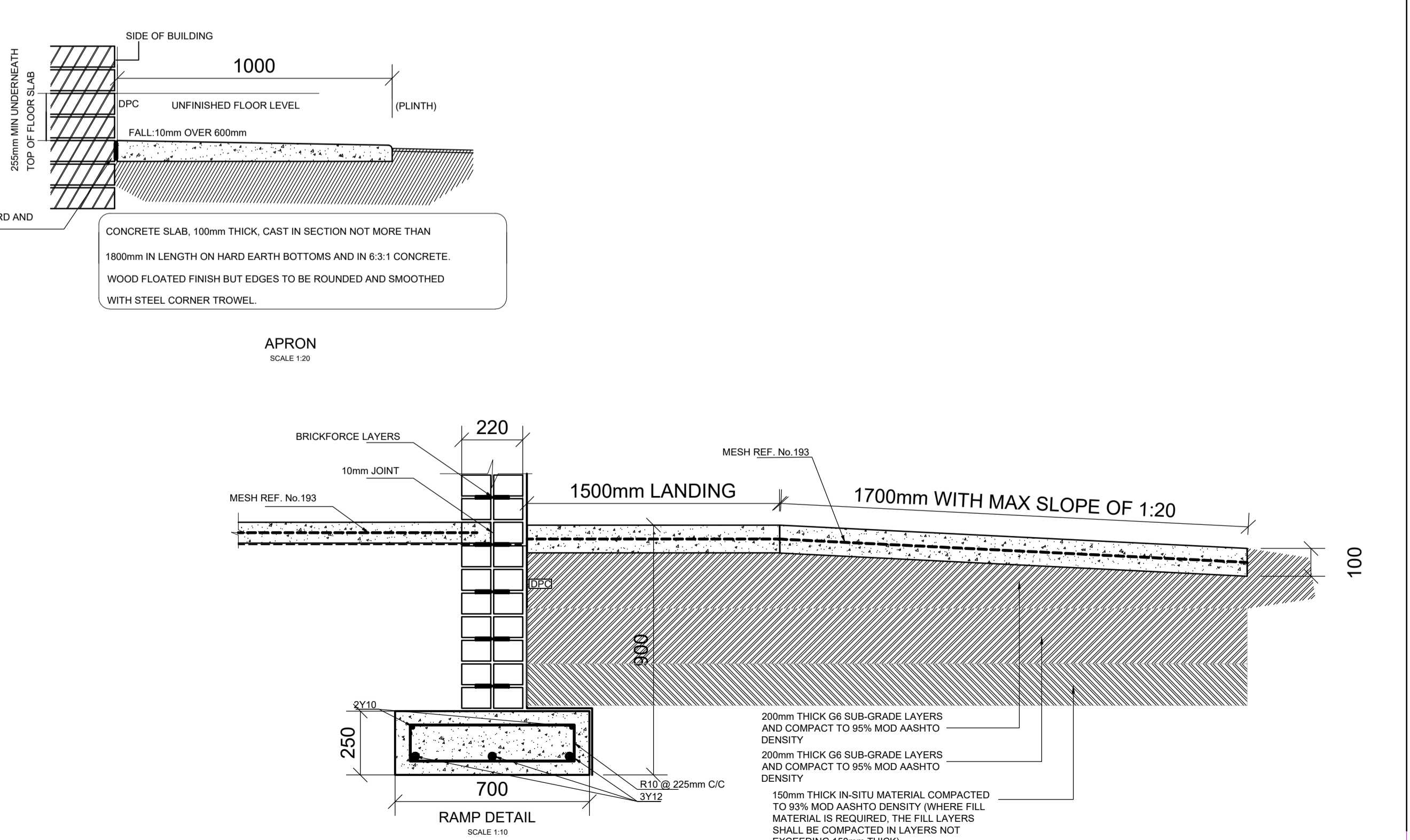
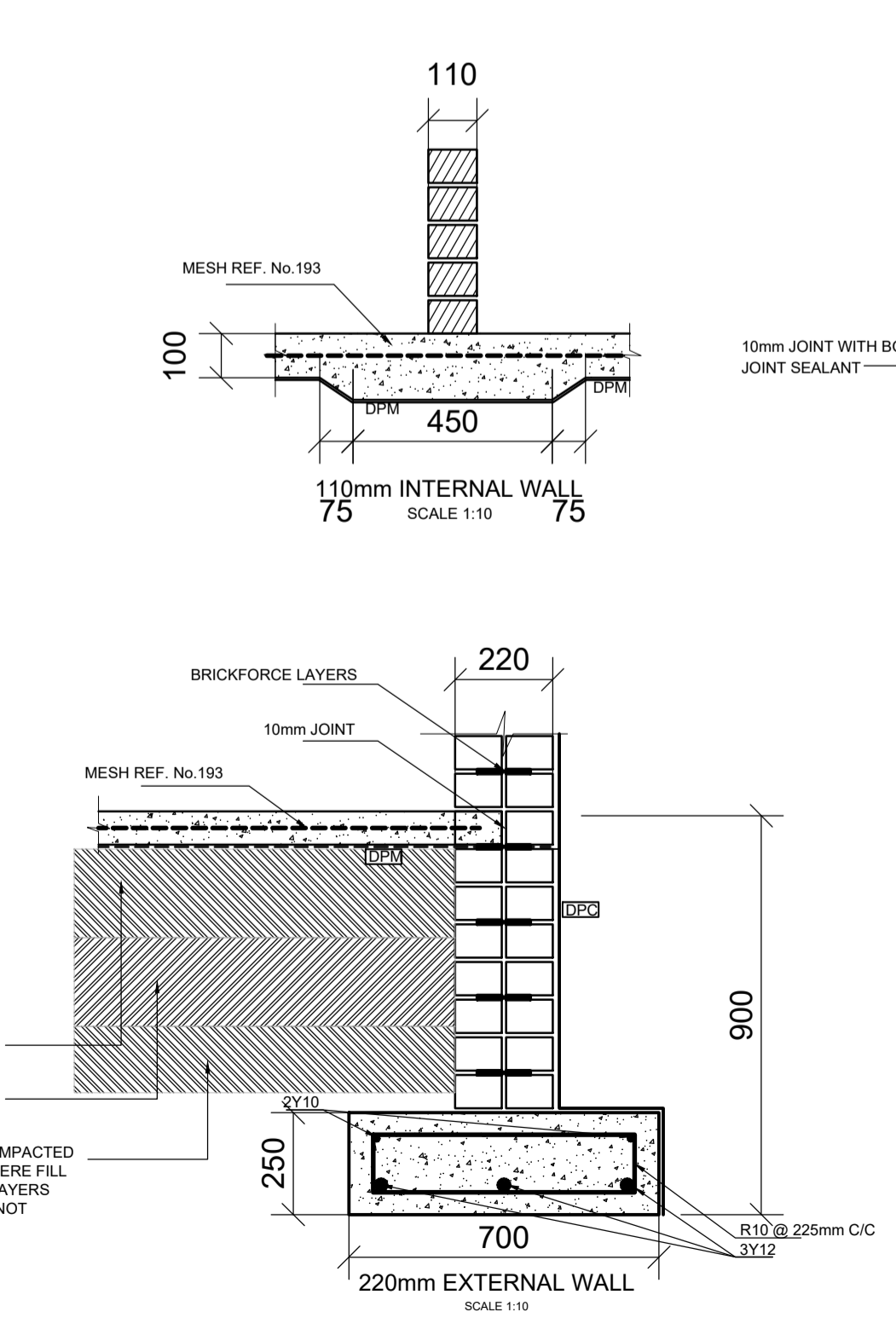
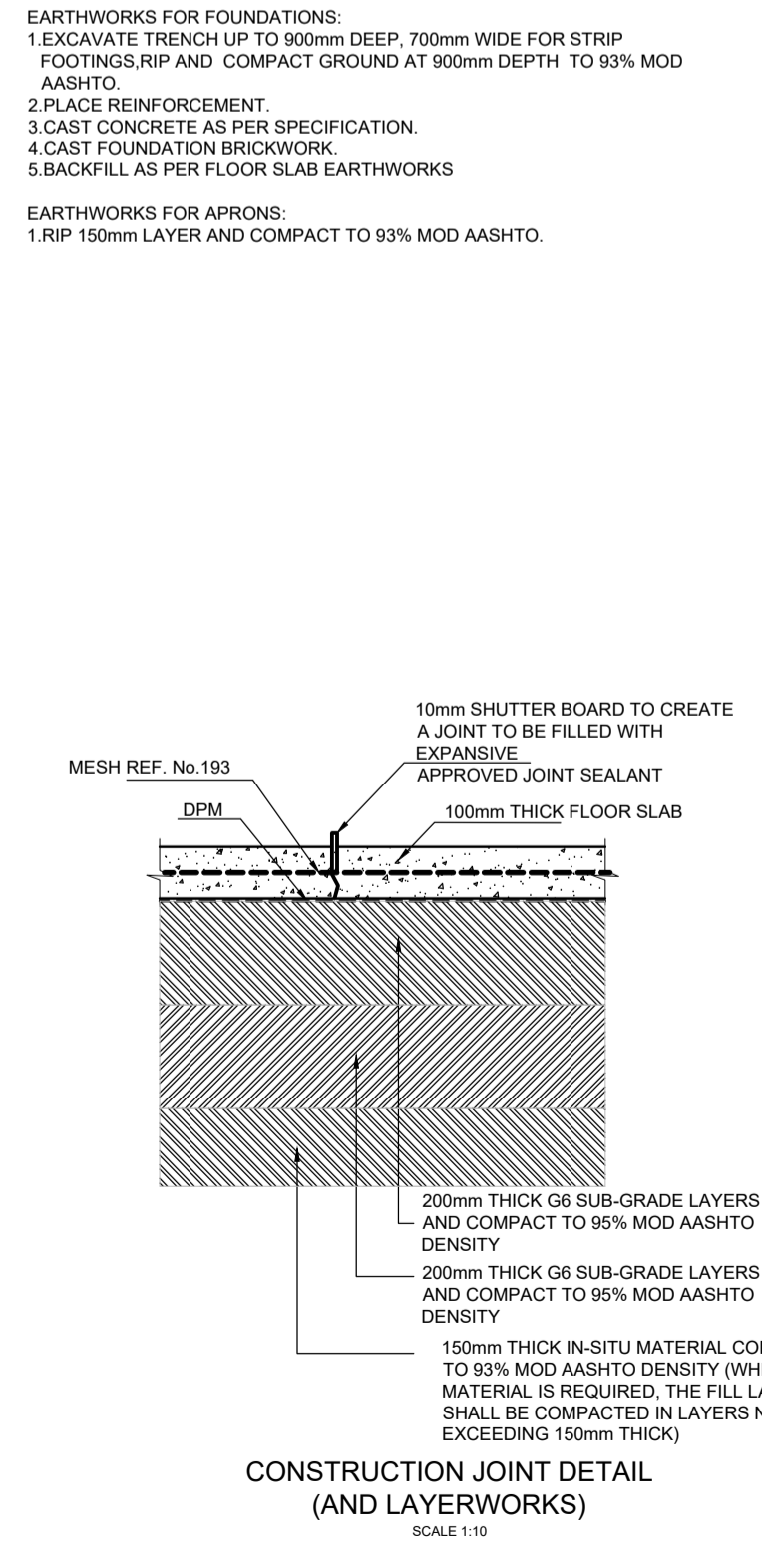
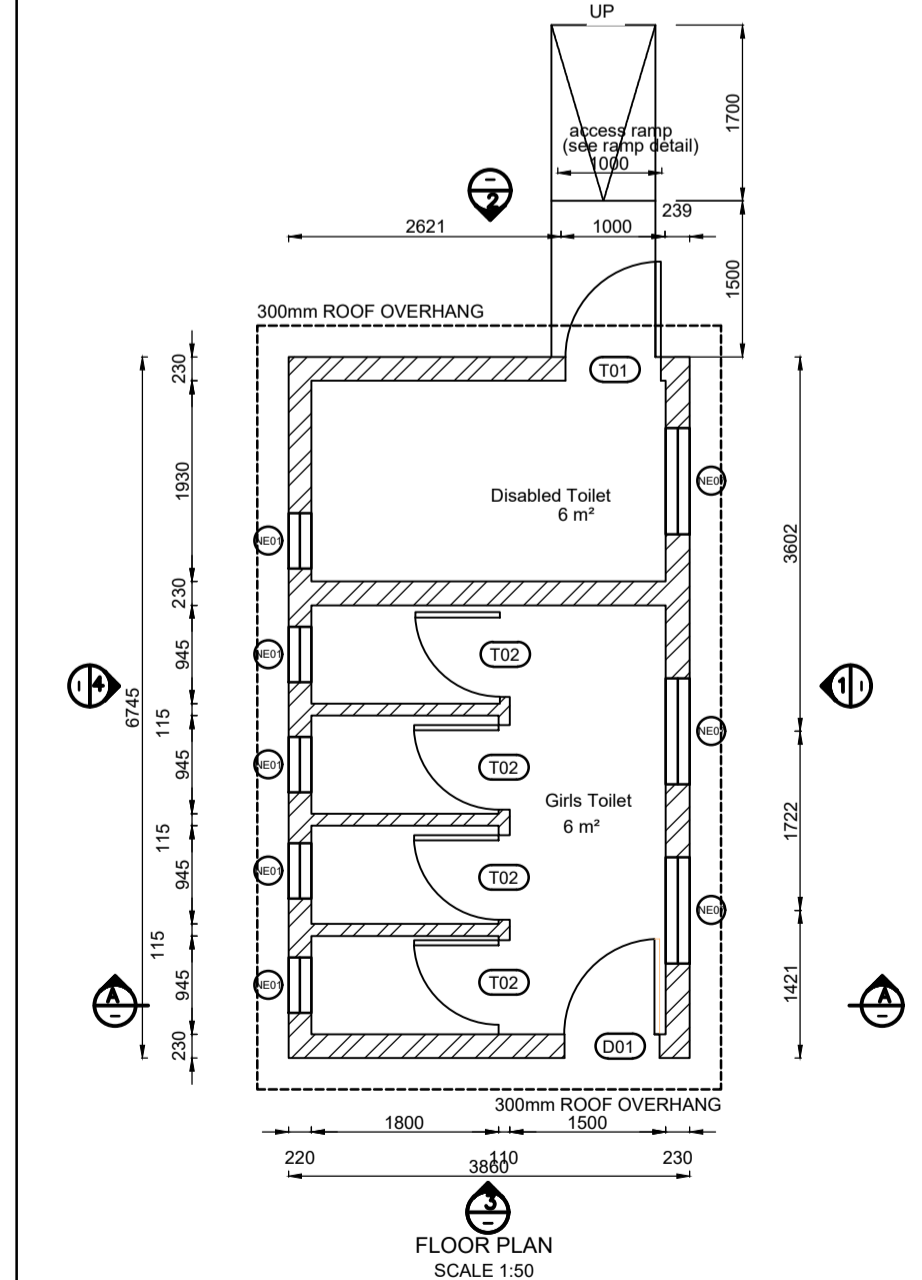
- EXCAVATE 40mm THICK IN-SITU MATERIAL
- RIP AND COMPACT 150mm THICK IN-SITU MATERIAL TO TO 93% MOD AASHTO DENSITY.
- CONSTRUCT TWO (2) 200mm THICK G6 SUB-GRADE LAYERS AND COMPACT TO 95% MOD AASHTO DENSITY.

**EARTHWORKS FOR FOUNDATIONS:**

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

**EARTHWORKS FOR APRONS:**

- RIP 150mm LAYER AND COMPACT TO 93% MOD AASHTO.



**JVNC**  
 CAPITAL

**ReaAgi**  
 CONSULTING ENGINEERS

**RAMONKANE PRIMARY SCHOOL**

**LIMPOPO**  
 PROVINCIAL GOVERNMENT  
 REPUBLIC OF SOUTH AFRICA  
 DEPARTMENT OF  
 EDUCATION

IMPLEMENTED BY  
**THE MVULA TRUST**  
 A leading developmental NGO

**FD4**  
**NEW GIRLS ABLUTION BLOCK - FOUNDATION DETAILS**

SCALE: AS SHOWN  
 PROJECT: RPS  
 DRAWING NUMBER: DWG-ST-204  
 REVISION: A

DATE: 30/10/2023  
 DRAWN BY: VM