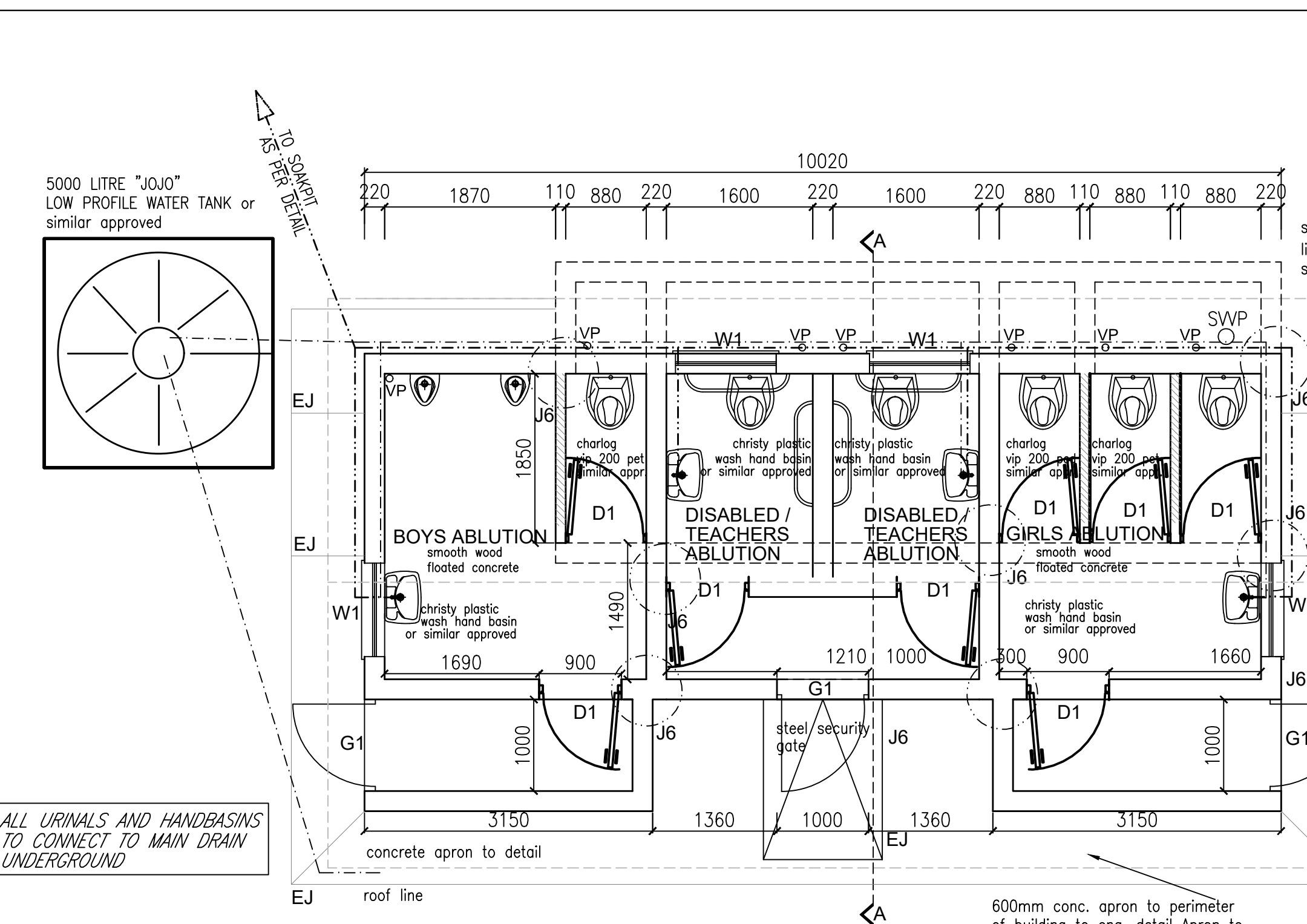
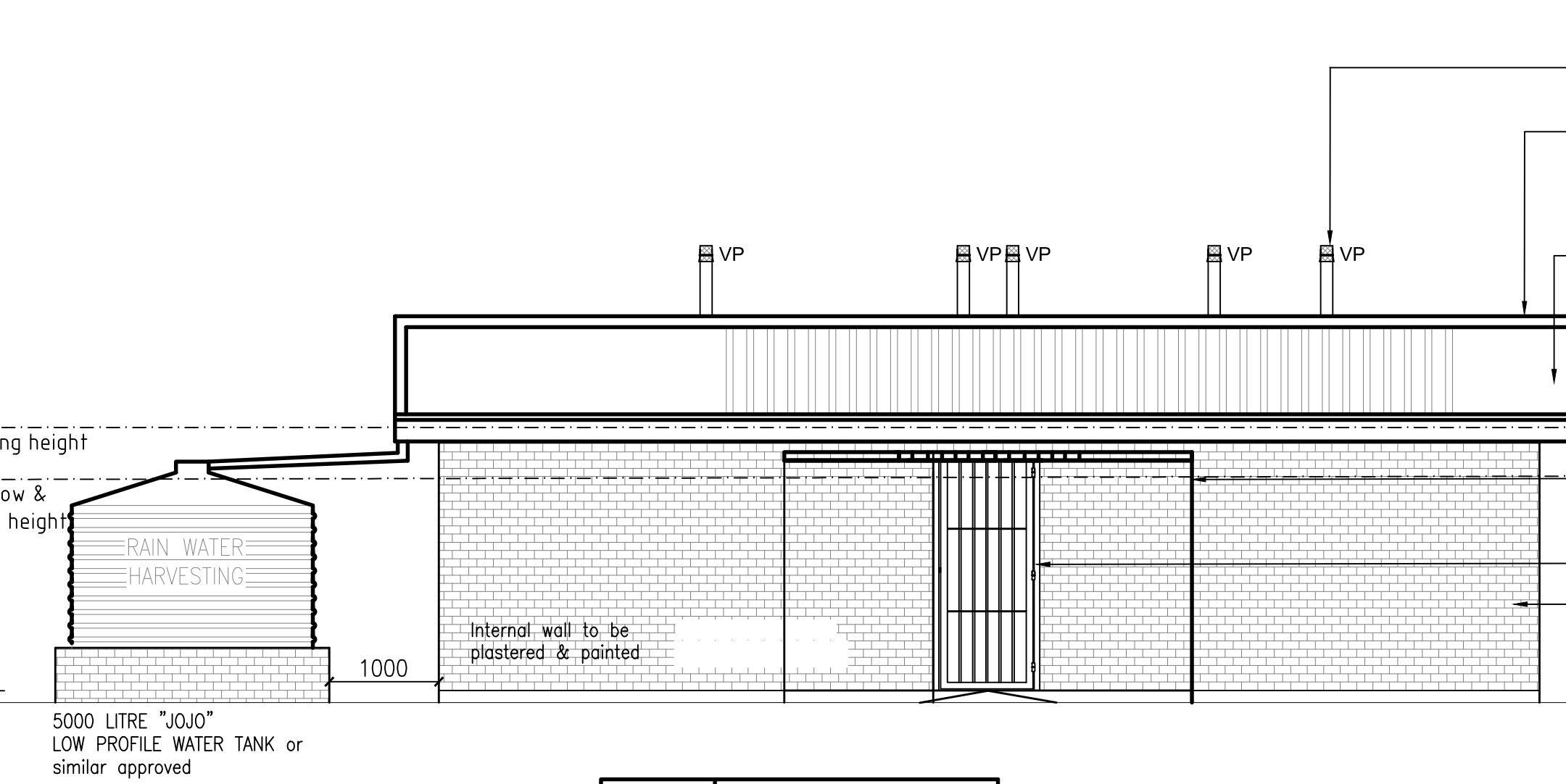
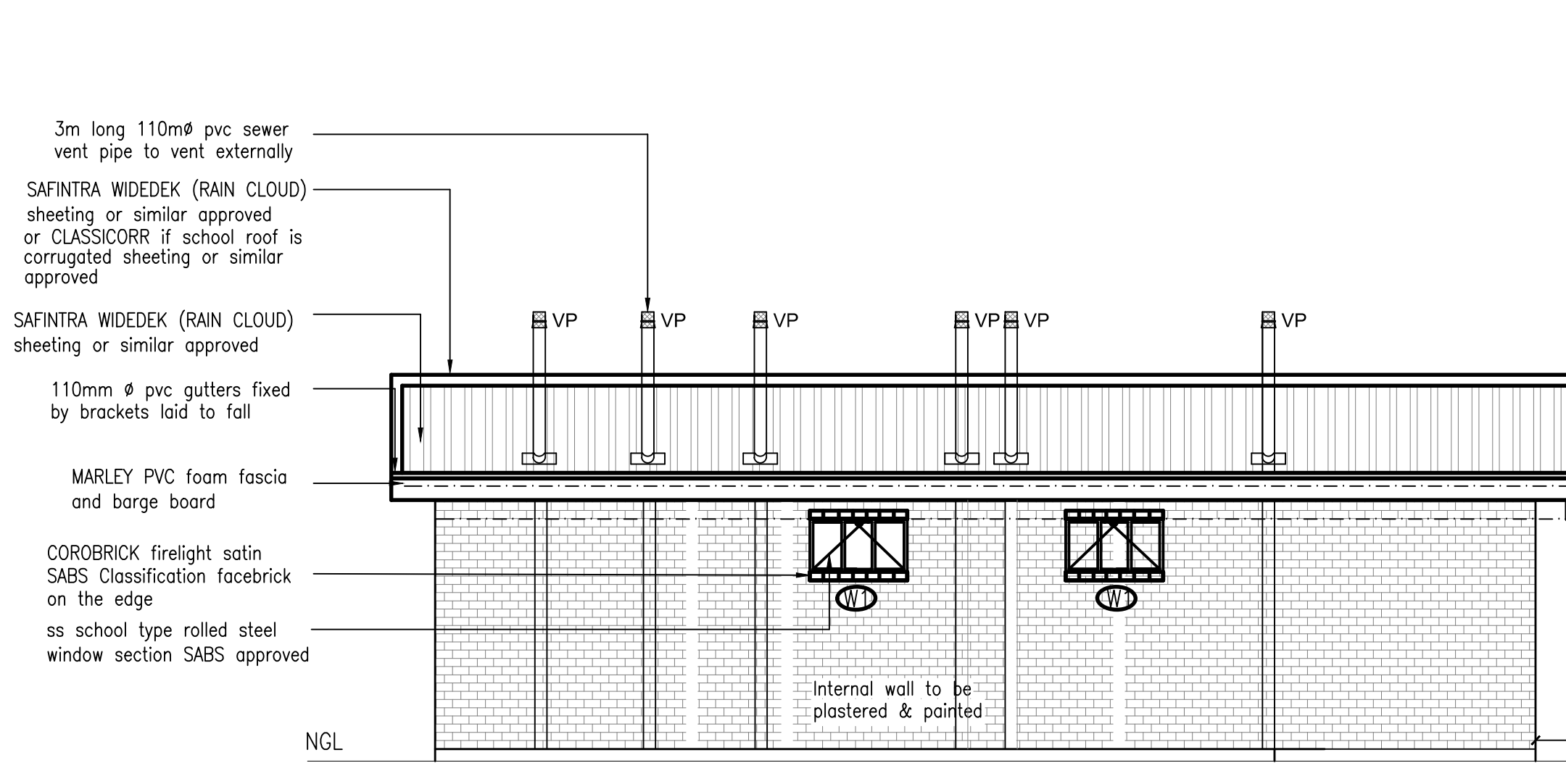




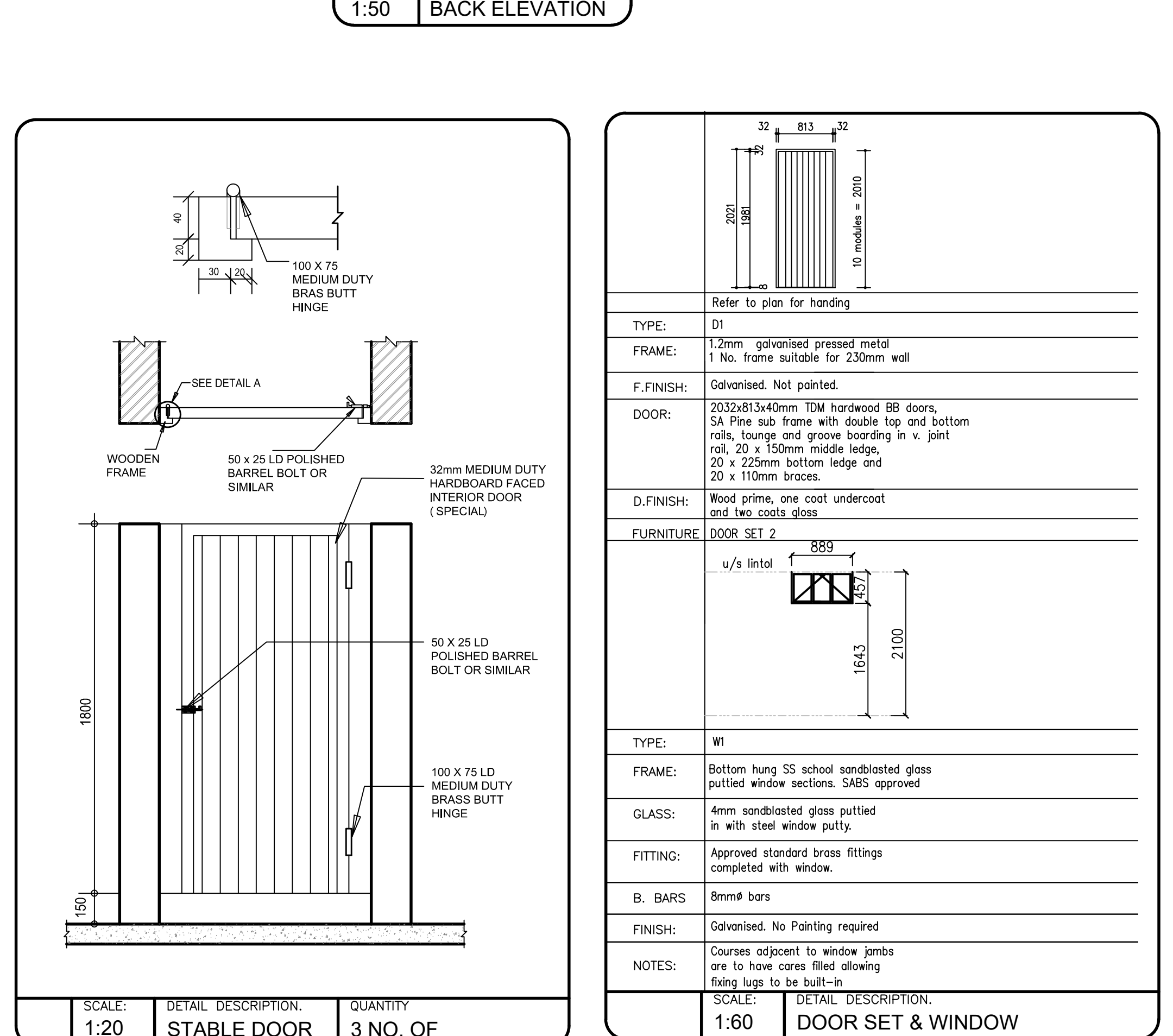
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FLOOR PLAN



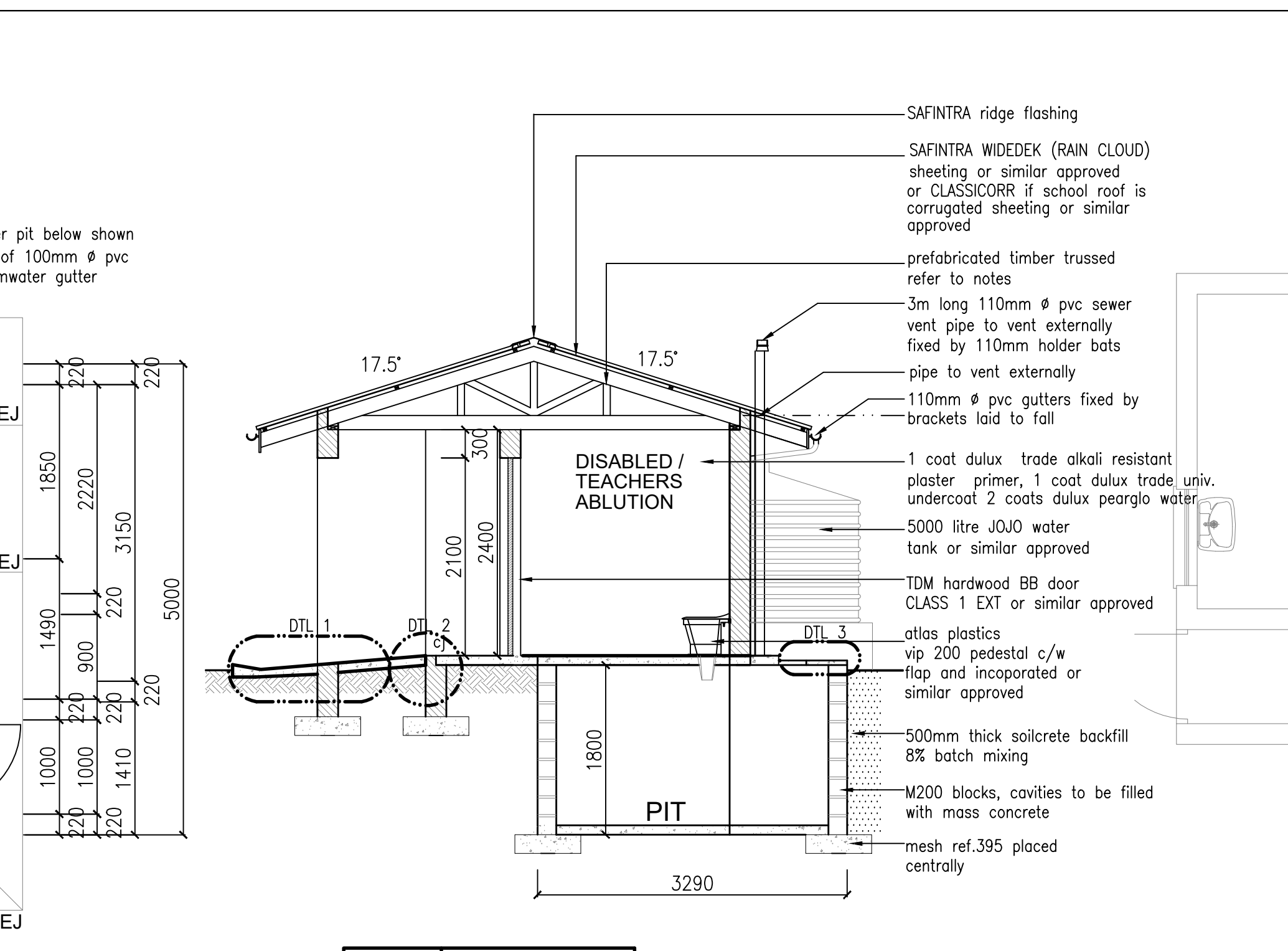
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FRONT ELEVATION



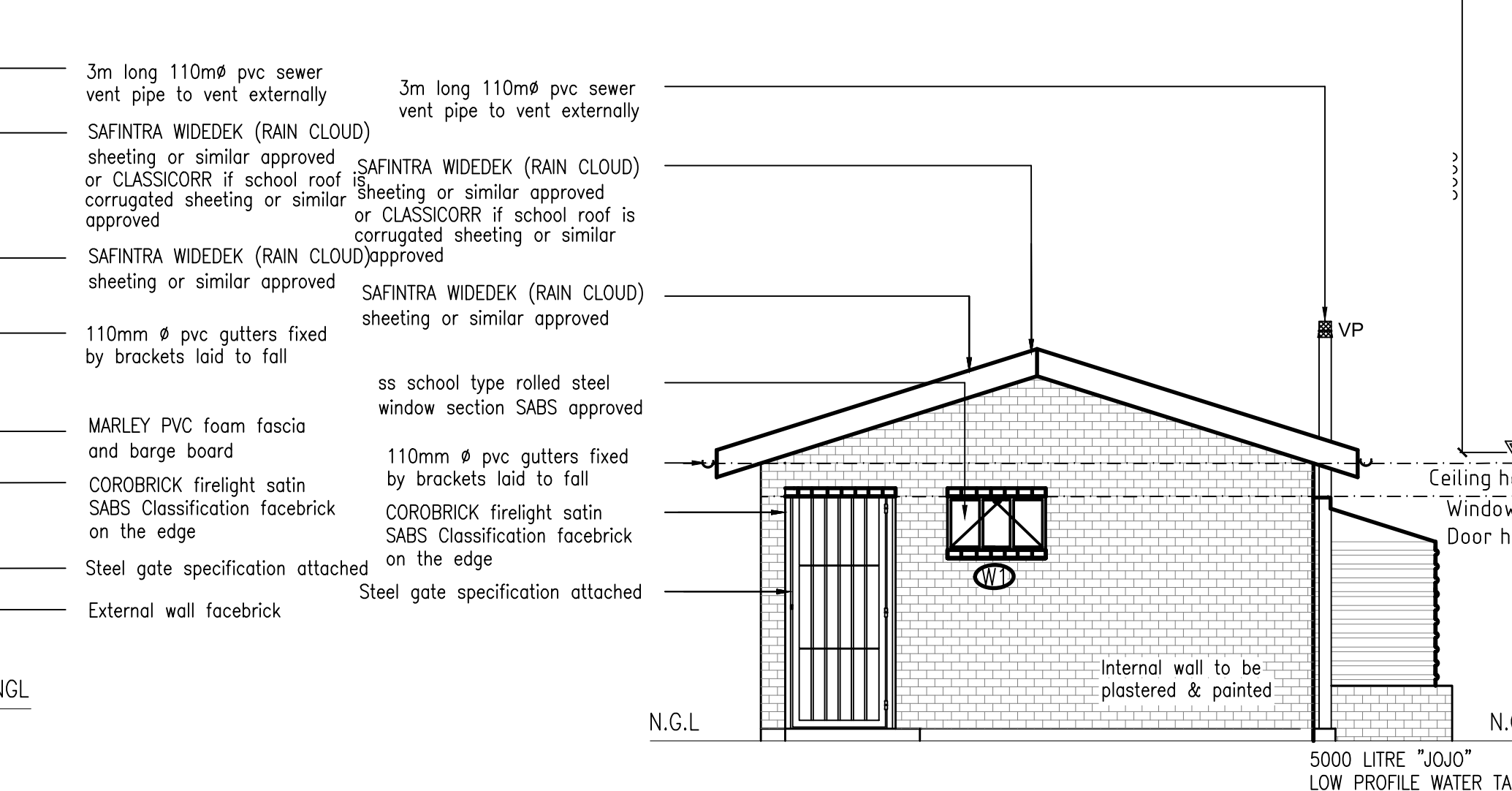
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BACK ELEVATION



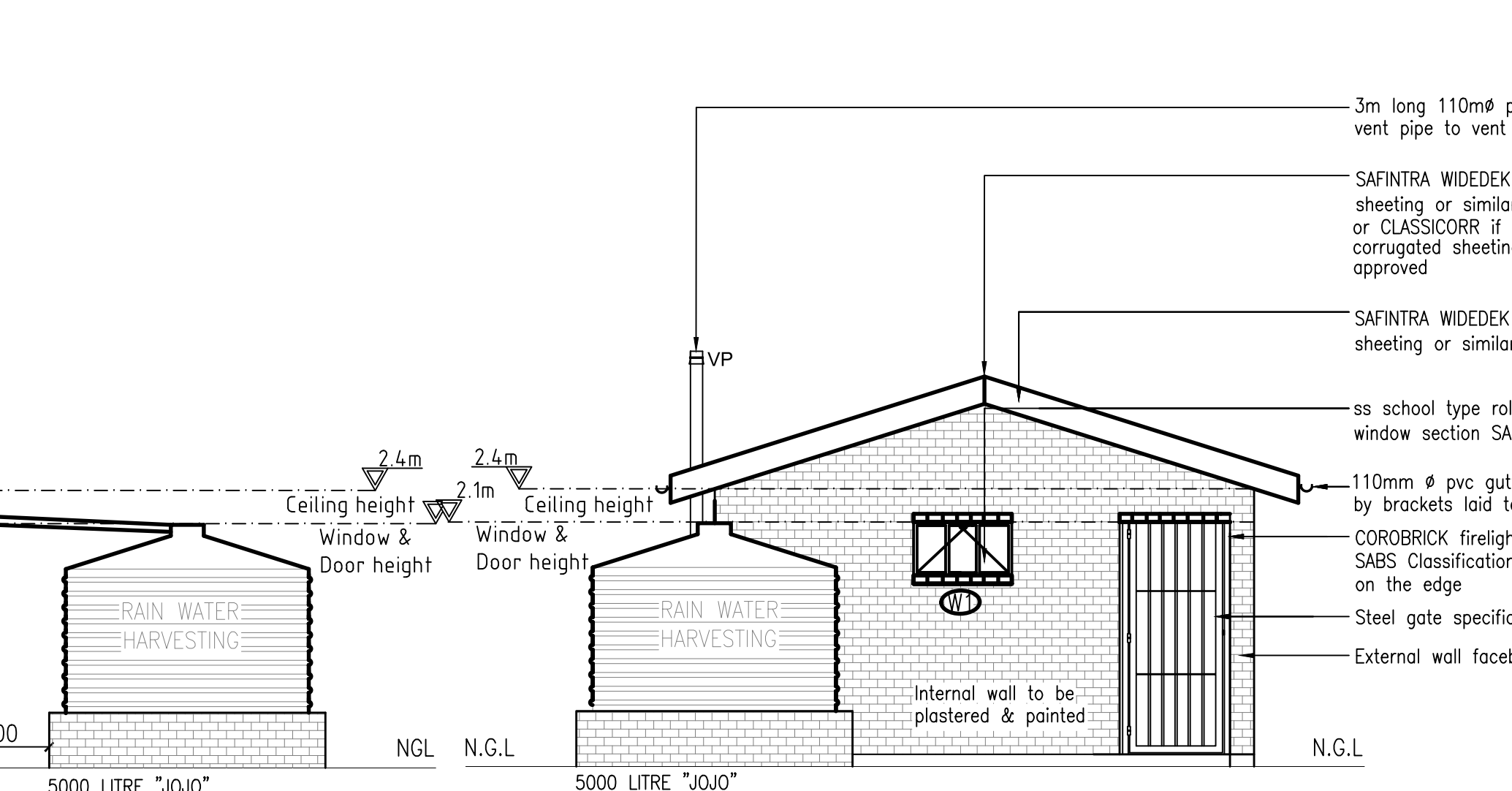
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DETAIL DESCRIPTION:
DOOR SET & WINDOW



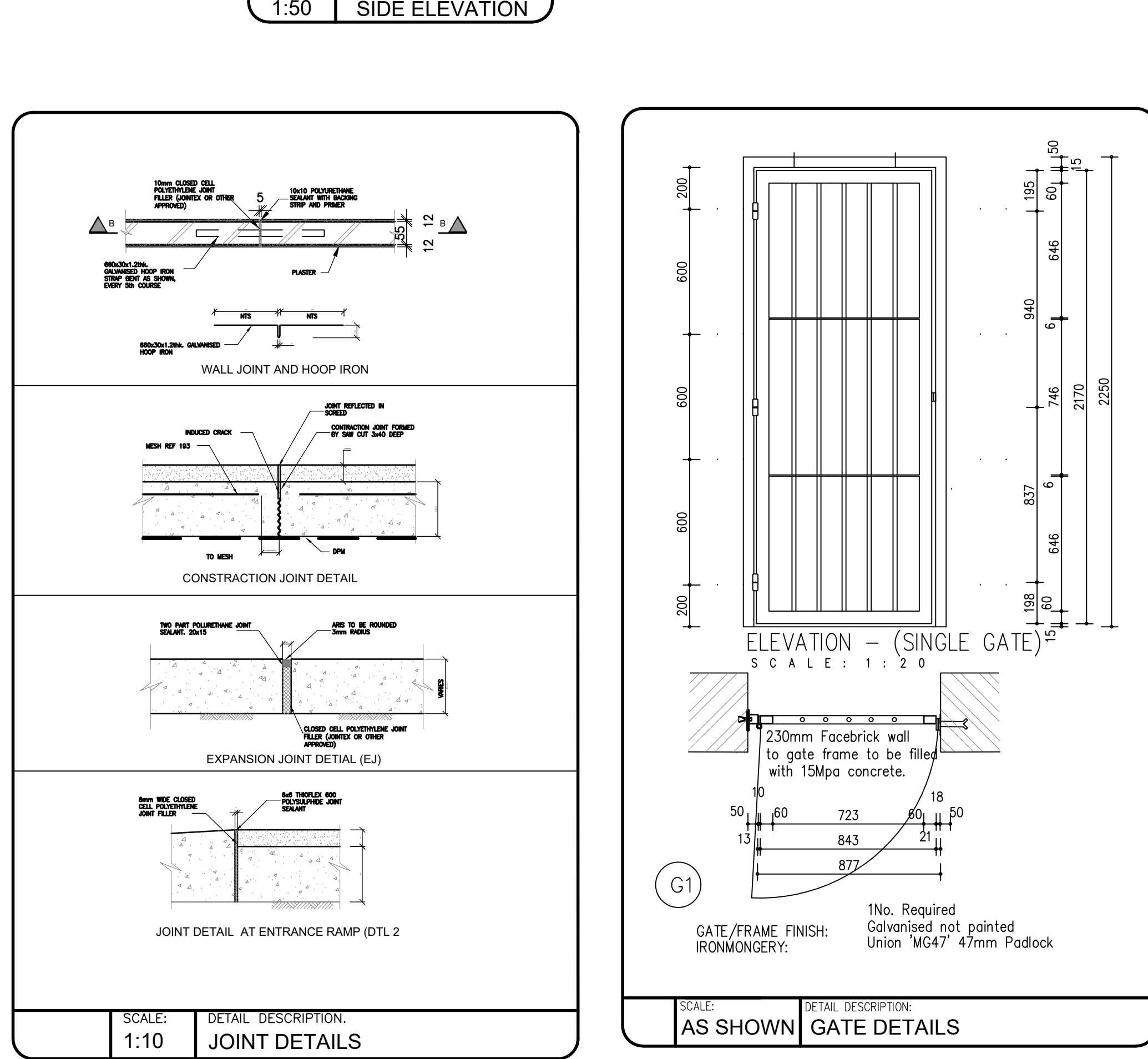
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SECTION A-A



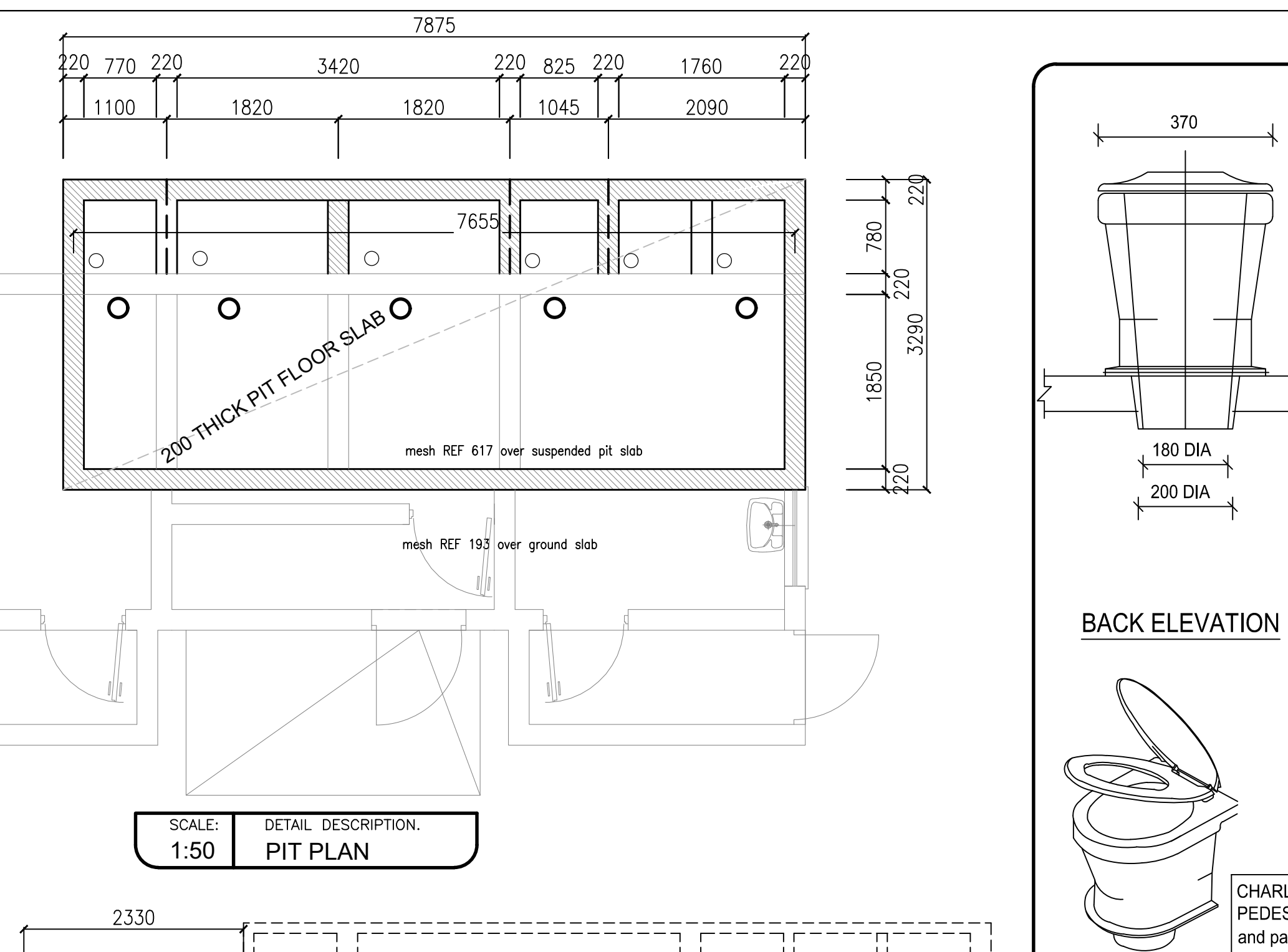
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SIDE ELEVATION



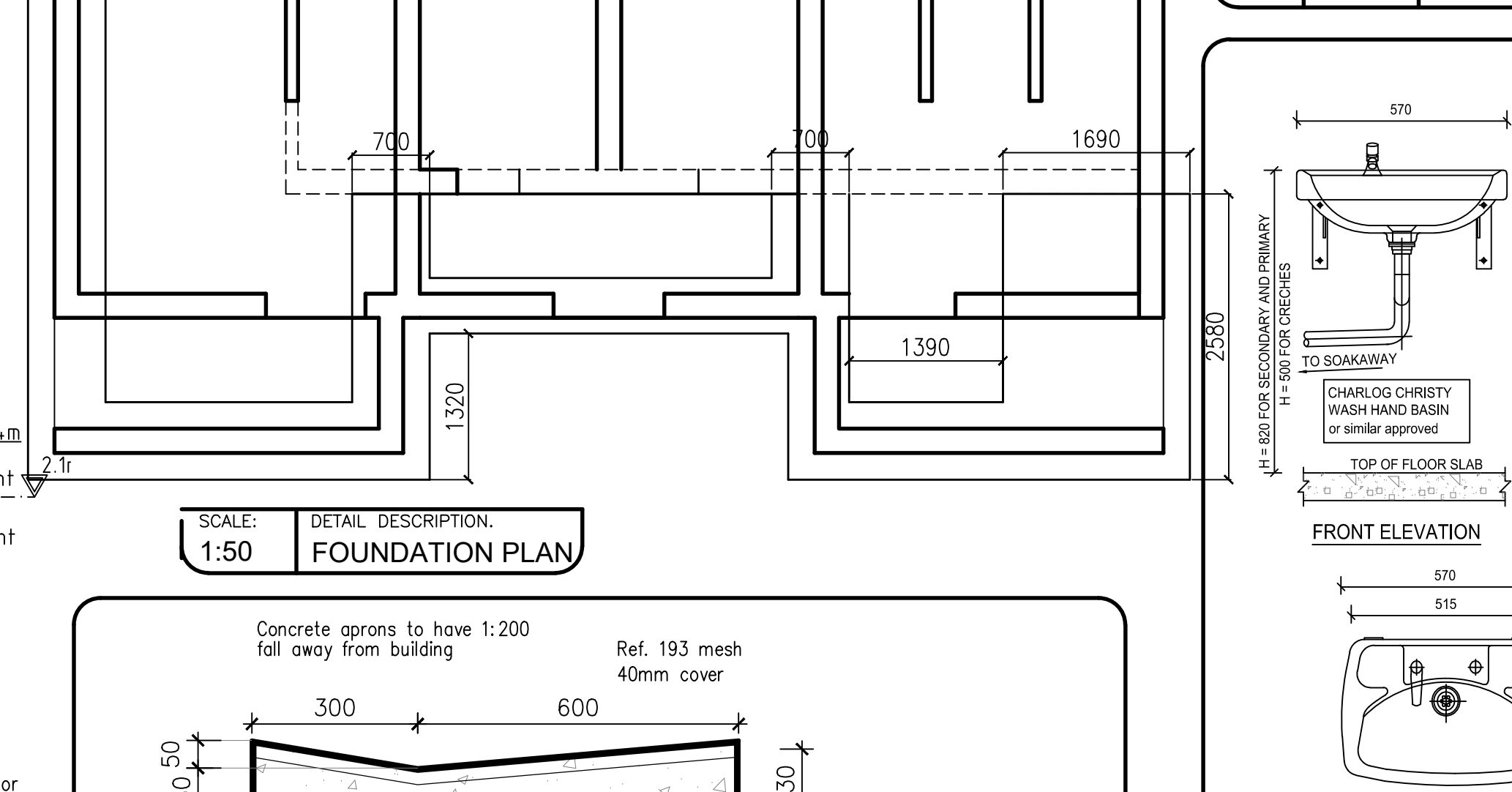
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SIDE ELEVATION



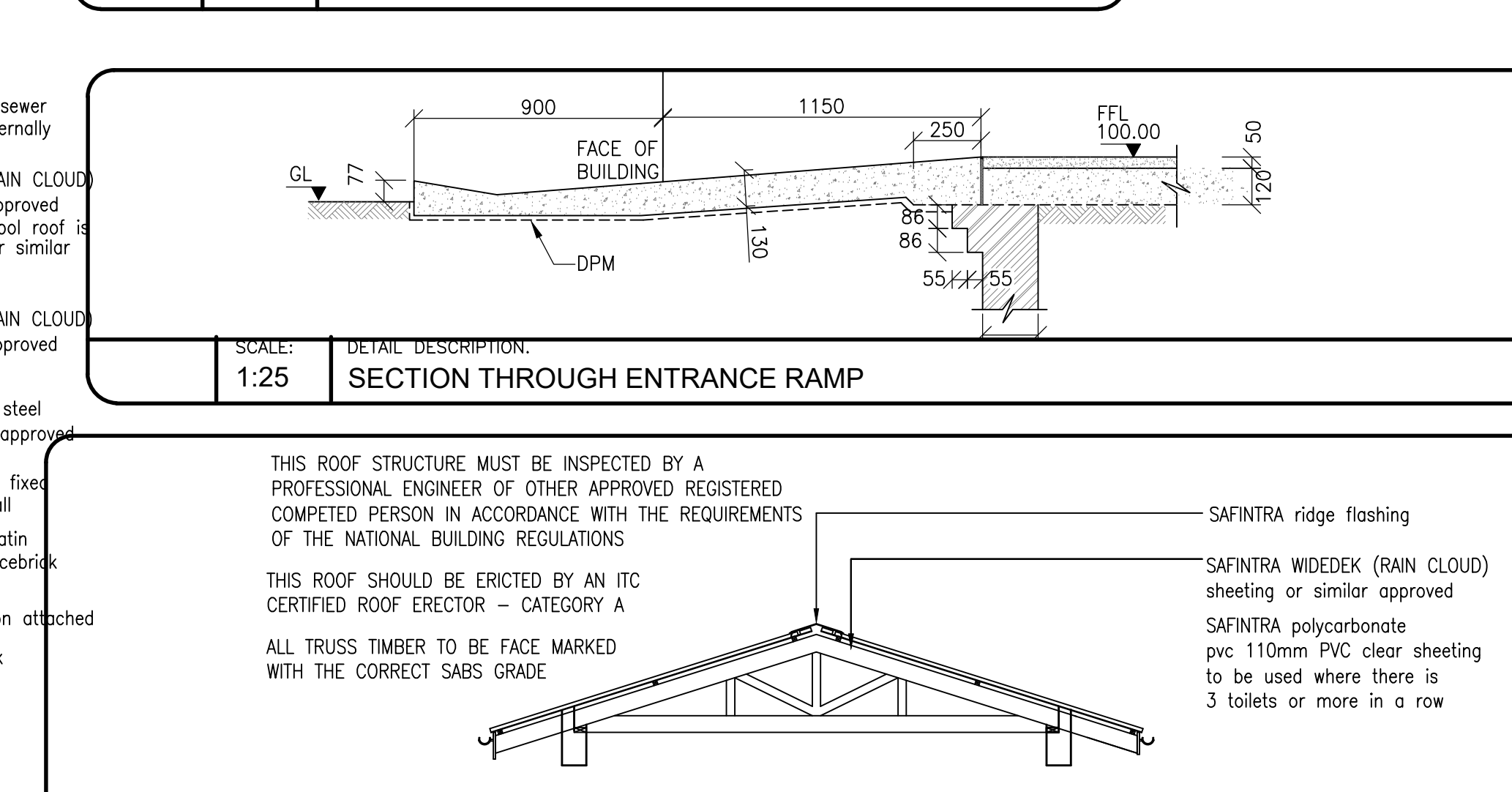
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DETAIL DESCRIPTION:
JOINT DETAILS



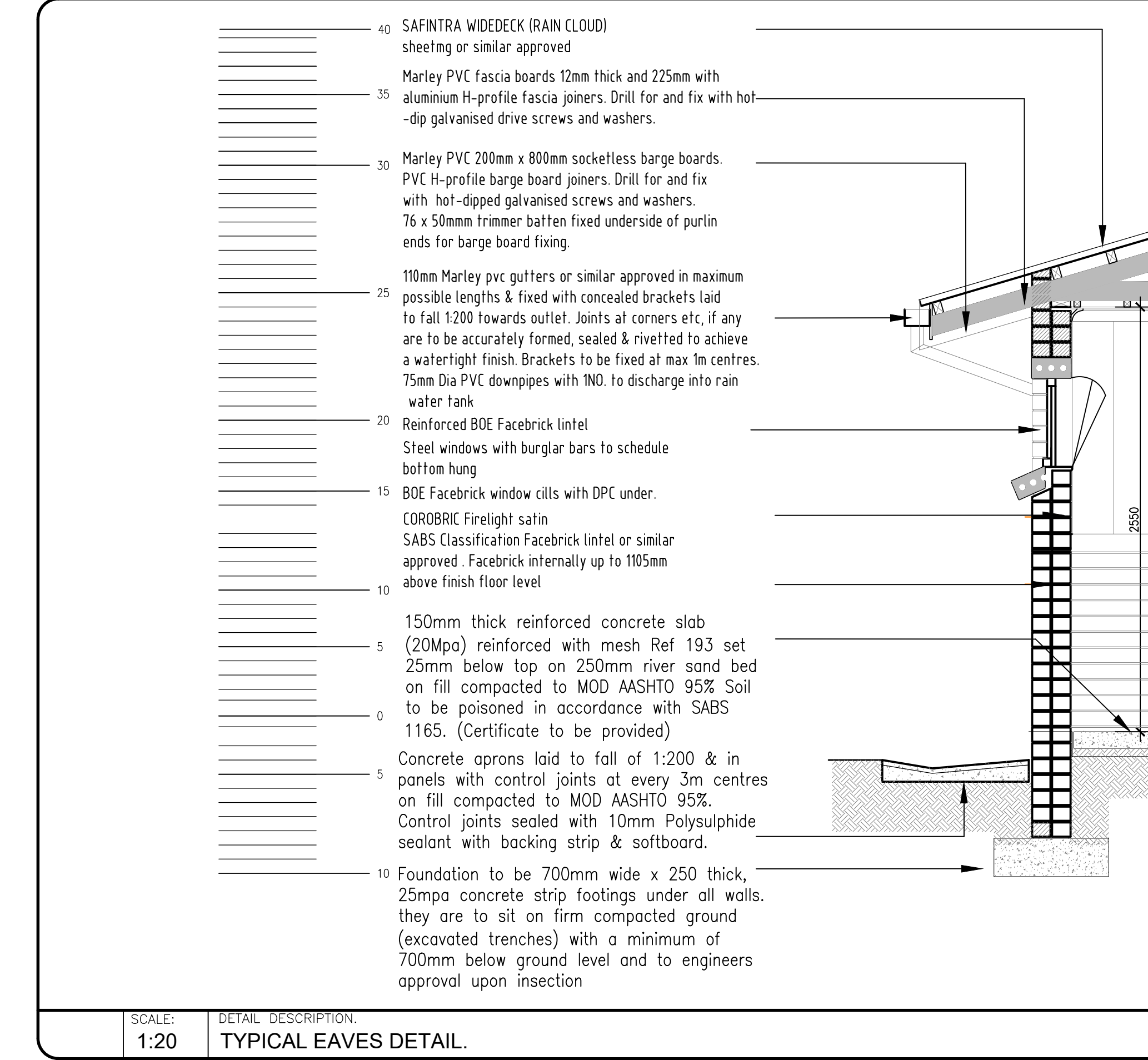
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DETAIL DESCRIPTION:
PIT PLAN



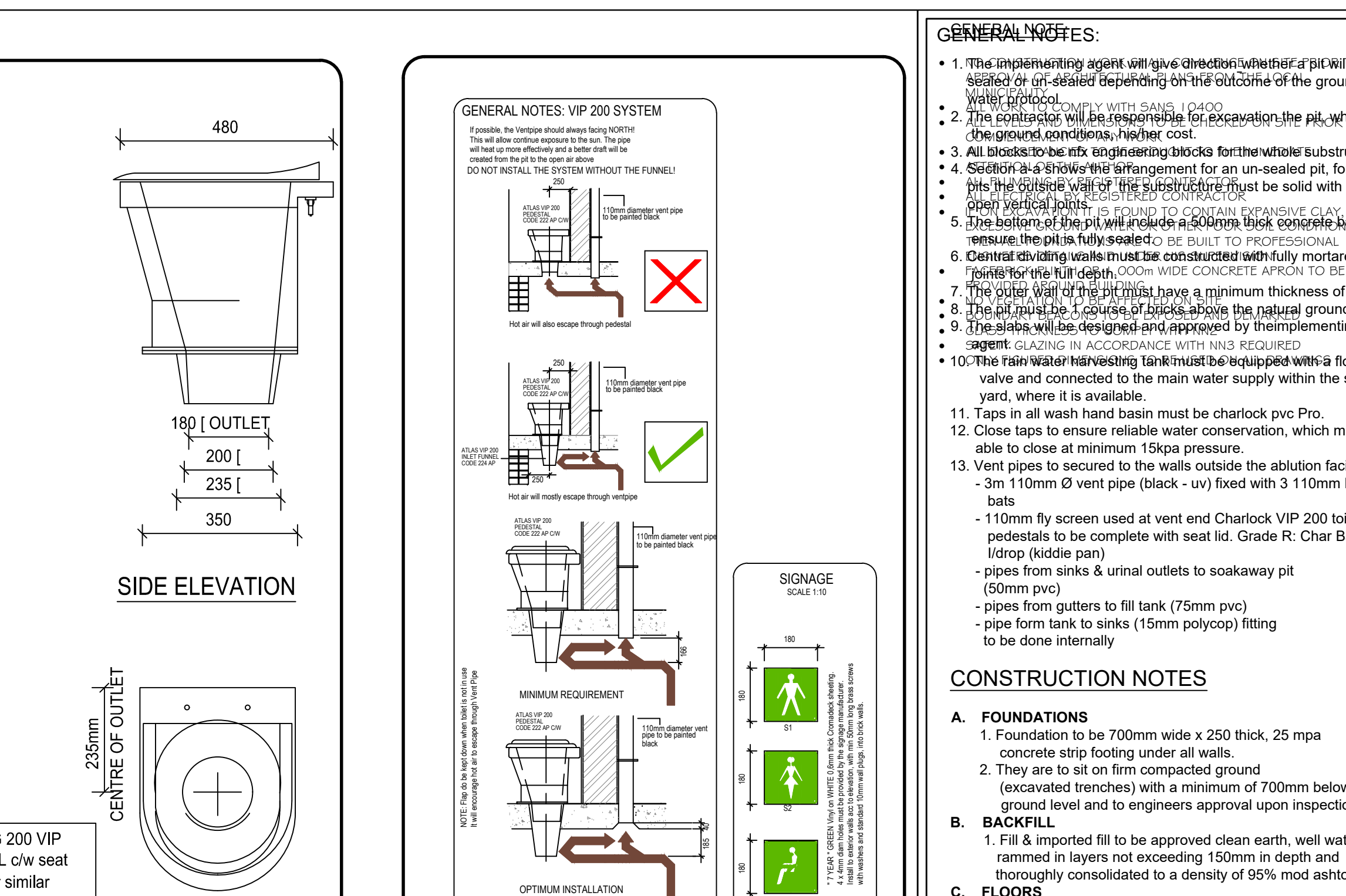
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DETAIL DESCRIPTION:
FOUNDATION PLAN



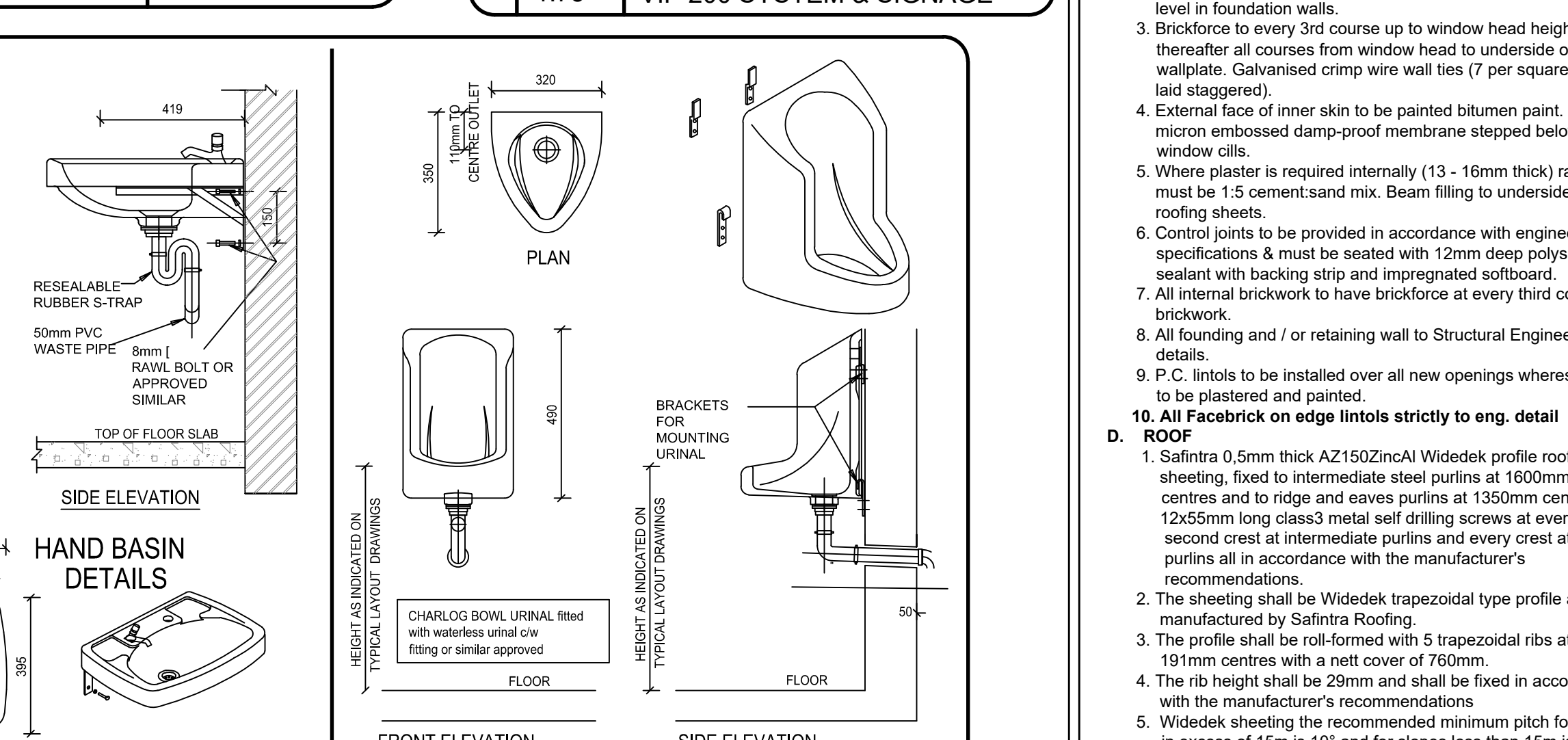
SCALE: 1:10
DETAIL DESCRIPTION:
CONC APRON DETAIL



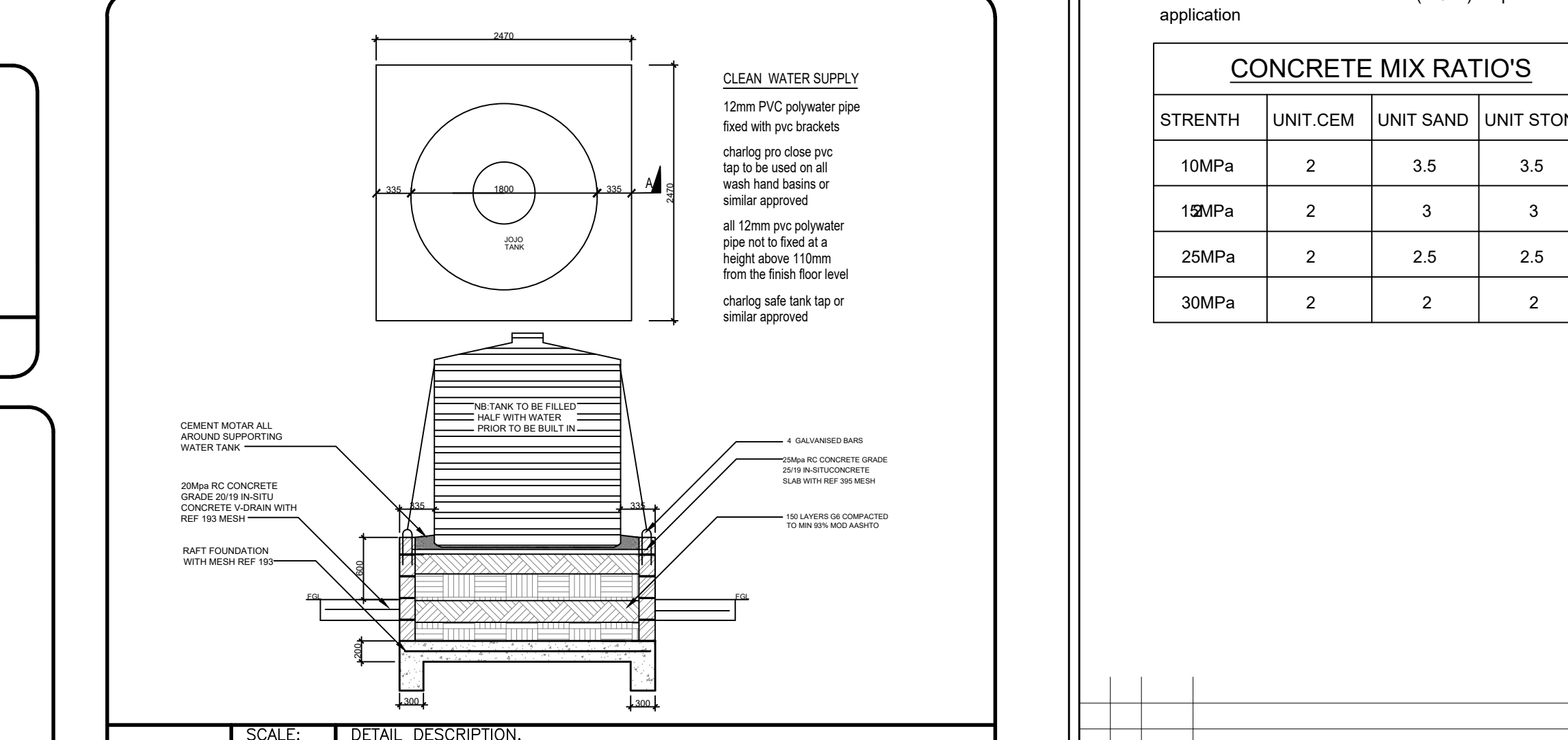
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DETAIL DESCRIPTION:
TRUSS ELEVATION



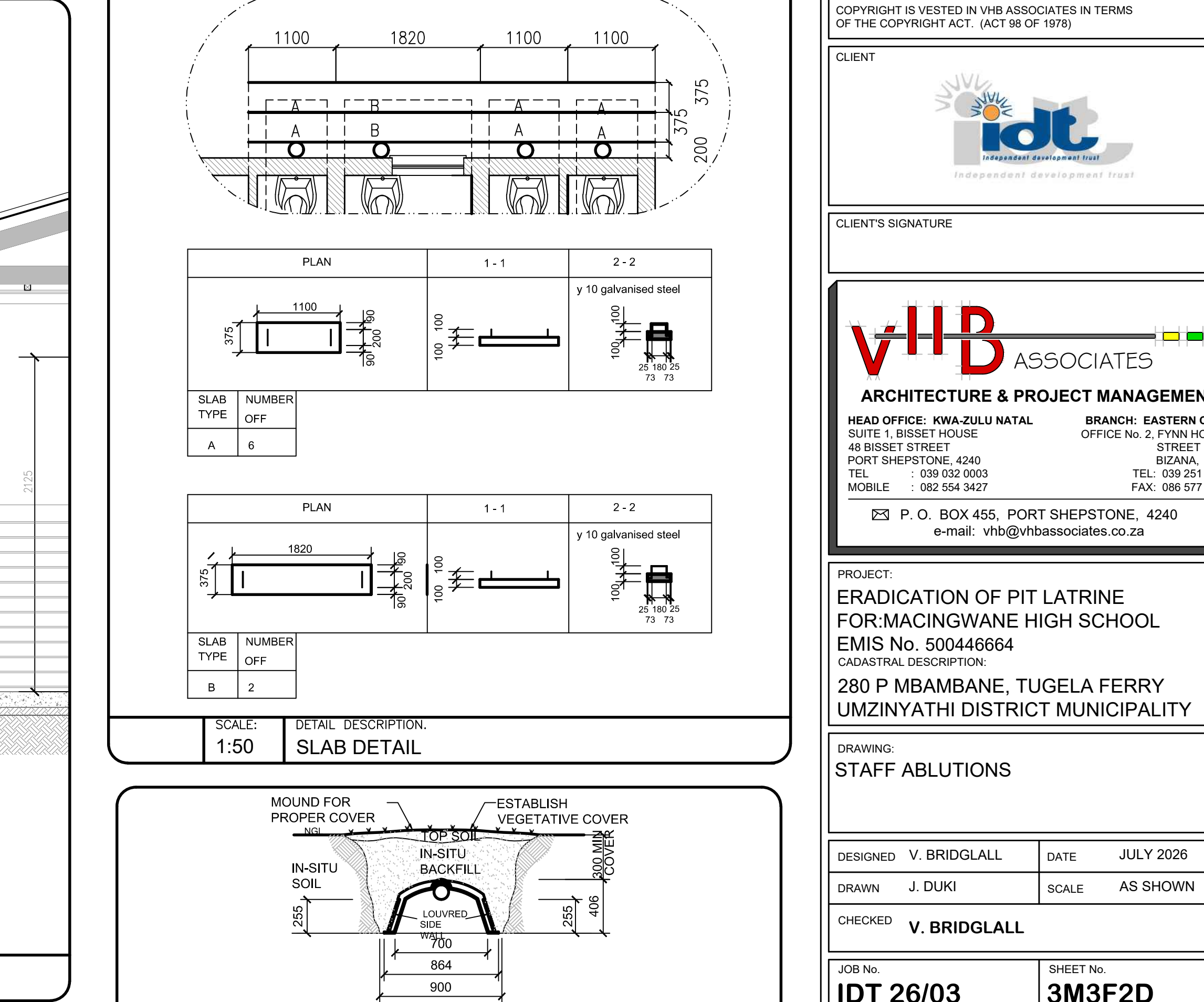
SCALE: 1:75
DETAIL DESCRIPTION:
VIP 200 SYSTEM & SIGNAGE



SCALE: 1:75
DETAIL DESCRIPTION:
BASIN



SCALE: 1:75
DETAIL DESCRIPTION:
BOWL URINAL



SCALE: 1:50
DETAIL DESCRIPTION:
WATER TANK STAND DETAIL

GENERAL NOTES:

- The implementing agent will have discretion whether a pit will be located or not, depending on the outcome of the ground reality survey.
- The contractor will be responsible for excavation of the pit, wherever the ground conditions require it.
- All blocks to be set in concrete blocks for the water substructure.
- Section A-A shows the arrangement for an un-sealed pit, for sealed pits the pit will be sealed with a concrete slab and the pit will be sealed with a concrete slab.
- The bottom of the pit will be a 200mm thick concrete base to receive the pit.
- General drawing notes must be constructed with fully mortared concrete blocks.
- The pit must be 200mm thick concrete base to receive the pit.
- The pit must be 200mm thick concrete base to receive the pit.
- The pit must be 200mm thick concrete base to receive the pit.
- The pit must be 200mm thick concrete base to receive the pit.

CONSTRUCTION NOTES

A. FOUNDATIONS

- Foundation to be 700mm wide x 250 x 250 mm
- They are to sit on firm compacted ground (excavated trenches) with a minimum of 700mm below ground level and to engineers approval upon inspection.

B. BACKFILL

- Fill a imported fill to be approved clean earth, well watered & rammed in layers not exceeding 150mm in depth and thoroughly consolidated to a density of 95% mod ashto.

C. FLOORS

- All to Engineers detail and specification.

D. WALLS

- All walls are to comply with "Part K" of the National Building Regulations.
- COROBRIK COMMONS to be used where to receive plaster.
- COROBRIK ENGINEERING Bricks to be used below ground level in foundation walls.
- Brickwork to every 3rd course up to window head height thereafter all courses from window head to underside of wallplate. Galvanised crimp wire wall ties (7 per square metre - laid staggered).
- External face of inner skin to be painted bitumen paint. 375 micron embossed damp-proof membrane stepped below all window cills.
- Where plaster is required internally (13 - 16mm thick) ratio must be 1:3 cement-sand mix. Beam filling to underside of roofing sheets.
- Control joints to be provided in accordance with engineers specifications & must be sealed with 12mm deep polysulphide sealant with backing strip and impregnated softboard.
- All internal brickwork to have brickwork at every third course of brickwork.
- All footing and / or retaining wall to Structural Engineers details.
- P.C. lintels to be installed over all new openings whereas walls to be plastered and painted.

10. All Fabricrick on edge lintels strictly to eng. detail

D. ROOF

- Safintra 0.5mm thick AZ150ZnAl Wideck profile roof sheeting, fixed to intermediate steel purlins at 1600mm centres and to ridge and eaves purlins at 1300mm centres. 1255mm long class metal self drilling screws at every second crest at intermediate purlins and every crest at eaves purlins all in accordance with the manufacturer's recommendations.
- The sheeting shall be Wideck trapezoidal type profile as manufactured by Safintra Roofing.
- The profile shall be roll-formed with 5 trapezoidal ribs at 151mm centres with a net cover of 760mm.
- The rib height shall be 20mm and shall be fixed in accordance with the manufacturer's recommendations.
- Wideck sheeting shall be ordered in any length, subject to transport limitations up to 13.2m. Longer lengths require special transport arrangements.
- Purlin spacings are dependent on both downward loading and negative suction loading caused by wind. The engineer should be consulted to calculate the load (kN/m²) for particular application.

CONCRETE MIX RATIO'S

STRENGTH	UNIT CEM	UNIT SAND	UNIT STONE
10MPa	2	3.5	3.5
15MPa	2	3	3
25MPa	2	2.5	2.5
30MPa	2	2	2

NO. BY DATE REVISION

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CLIENT

CLIENT'S SIGNATURE

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PROJECT:
ERADICATION OF PIT LATRINE
FOR MACINGWANE HIGH SCHOOL
EMIS No. 500446664

ADMINISTRATIVE DESCRIPTION:
280 P MBAMBANE, TUGELA FERRY
UMZINYATHI DISTRICT MUNICIPALITY

DRAWING:
STAFF ABUTIONS

DESIGNED: V. BRIDGALL
DATE: JULY 2026
DRAWN: J. DUKI
SCALE: AS SHOWN
CHECKED: V. BRIDGALL

JOB No.: IDT 26/03
SHEET No.: 3M3F2D
REV: A