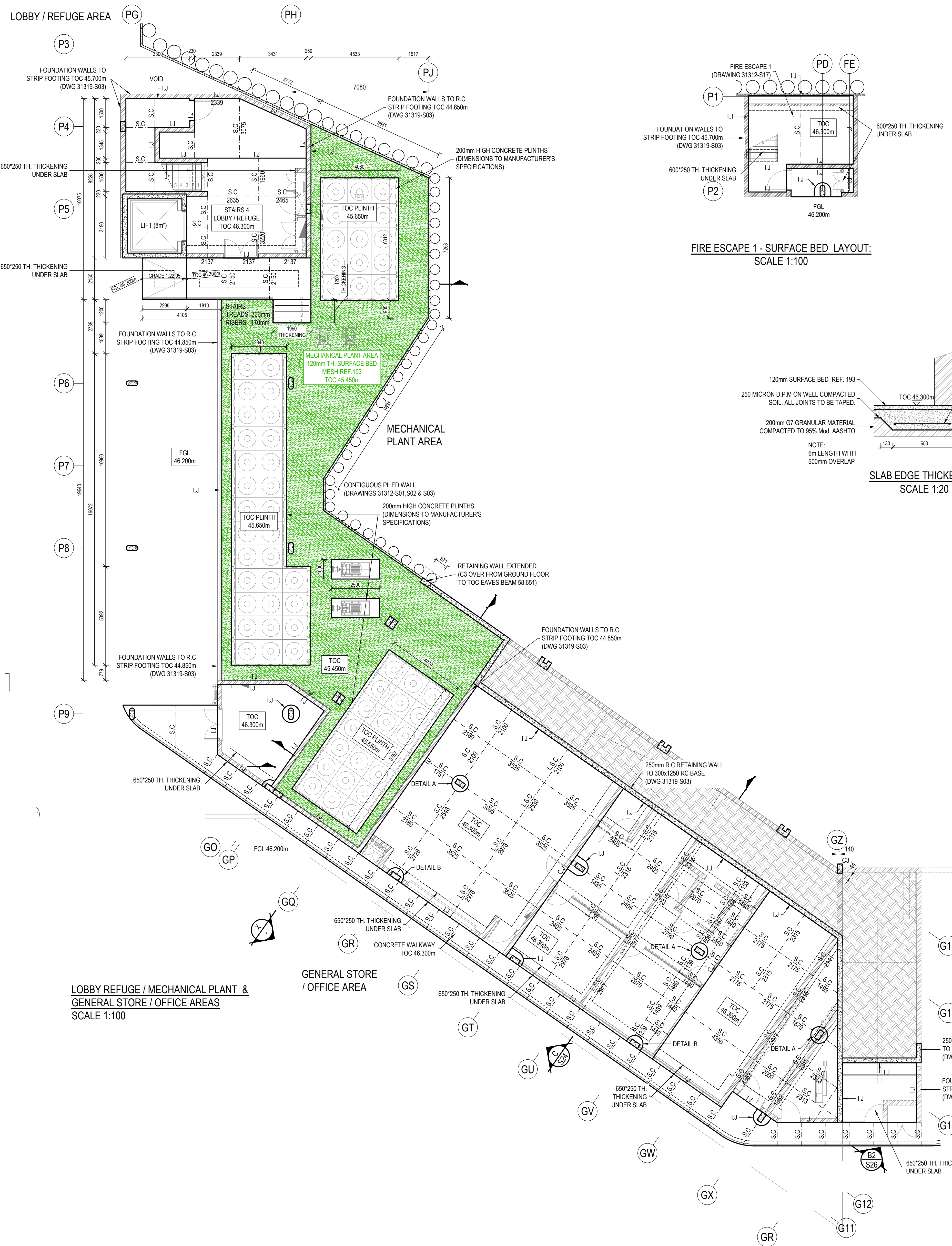


- NOTE:
- ALL SETTING OUT TO ARCHITECT'S DETAILS.
 - SURFACE BEDS ARE 120mm TH. R.C SLAB (MESH REF. 193)

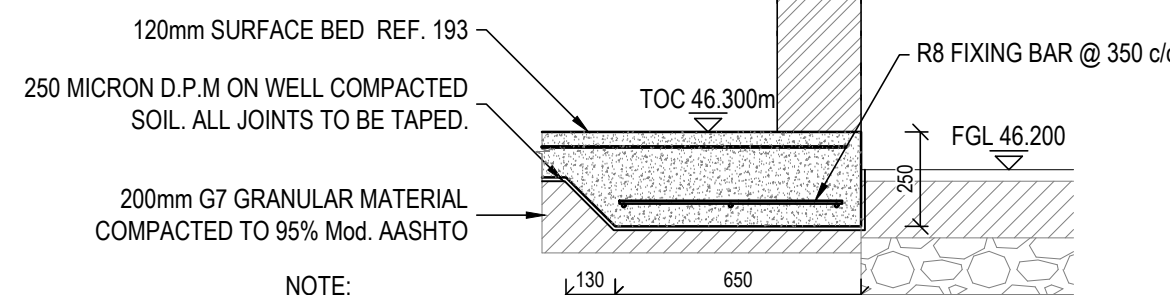


LOBBY REFUGE / MECHANICAL PLANT & GENERAL STORE / OFFICE AREAS
SCALE 1:100

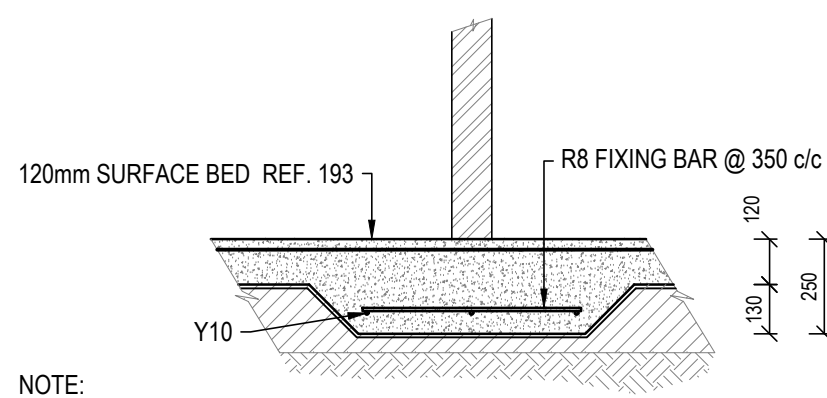
FIRE ESCAPE 1 - SURFACE BED LAYOUT:
SCALE 1:100

FIRE ESCAPE 2 - SURFACE BED LAYOUT:
SCALE 1:100

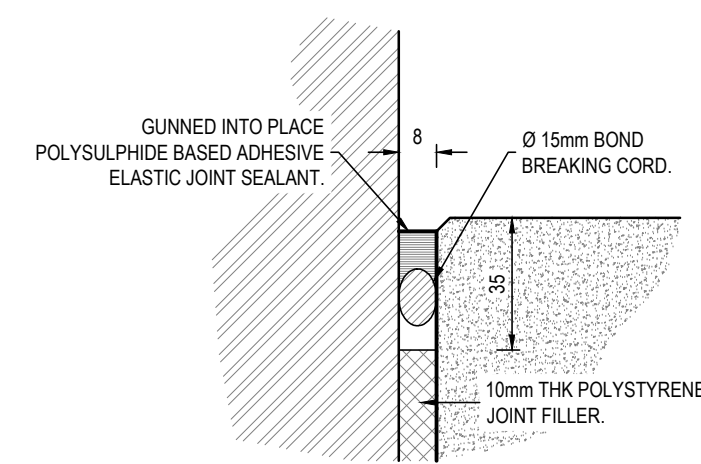
GUARD HOUSE - SURFACE BED LAYOUT
SCALE 1:100



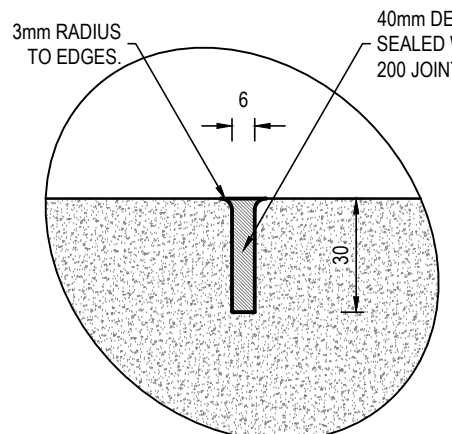
SLAB EDGE THICKENING:
SCALE 1:20



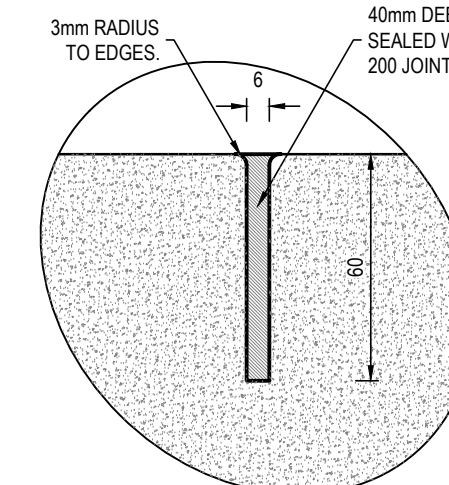
SLAB THICKENING:
SCALE 1:20



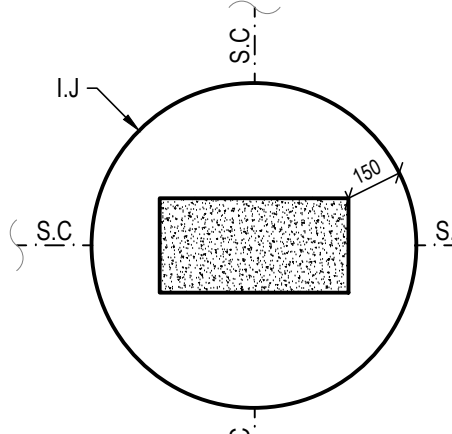
ISOLATION JOINT DETAIL (I.J.)
SCALE 1:2



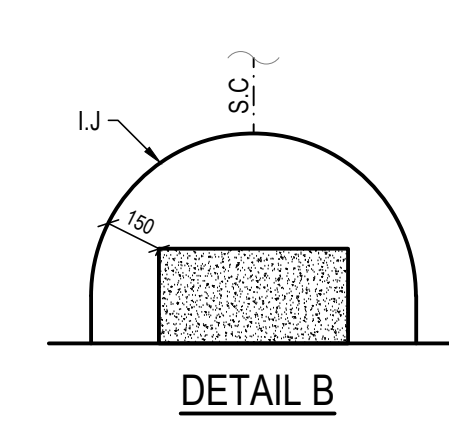
SAW CUT JOINT DETAIL (S.C.)
SCALE 1:2



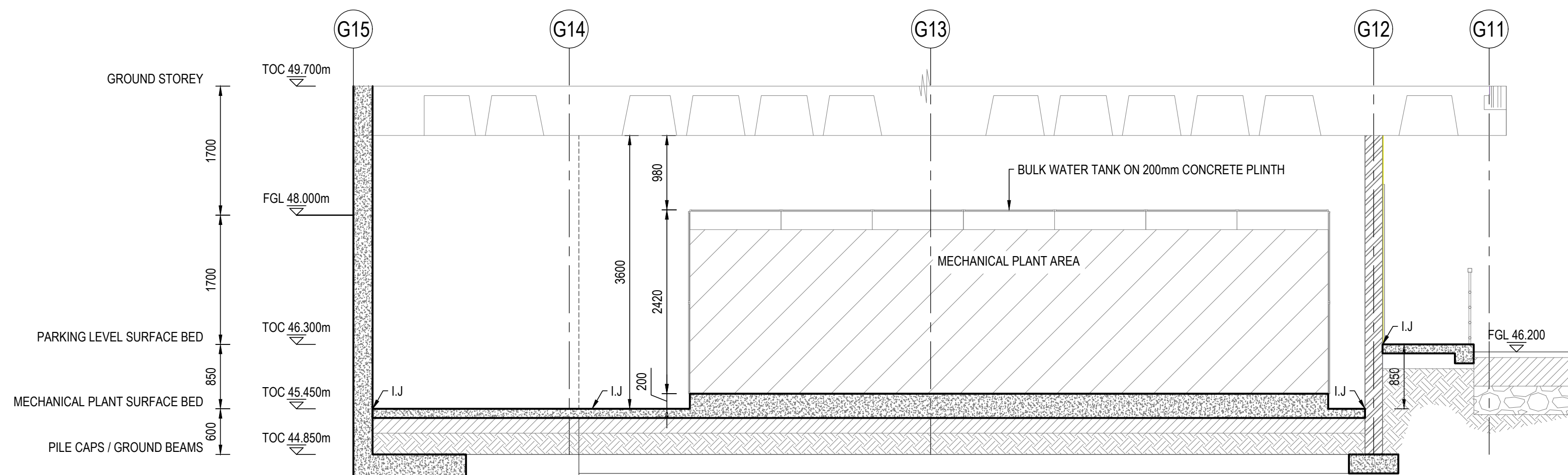
LONGITUDINAL SAW CUT JOINT
DETAIL (L.S.C.)
SCALE 1:2



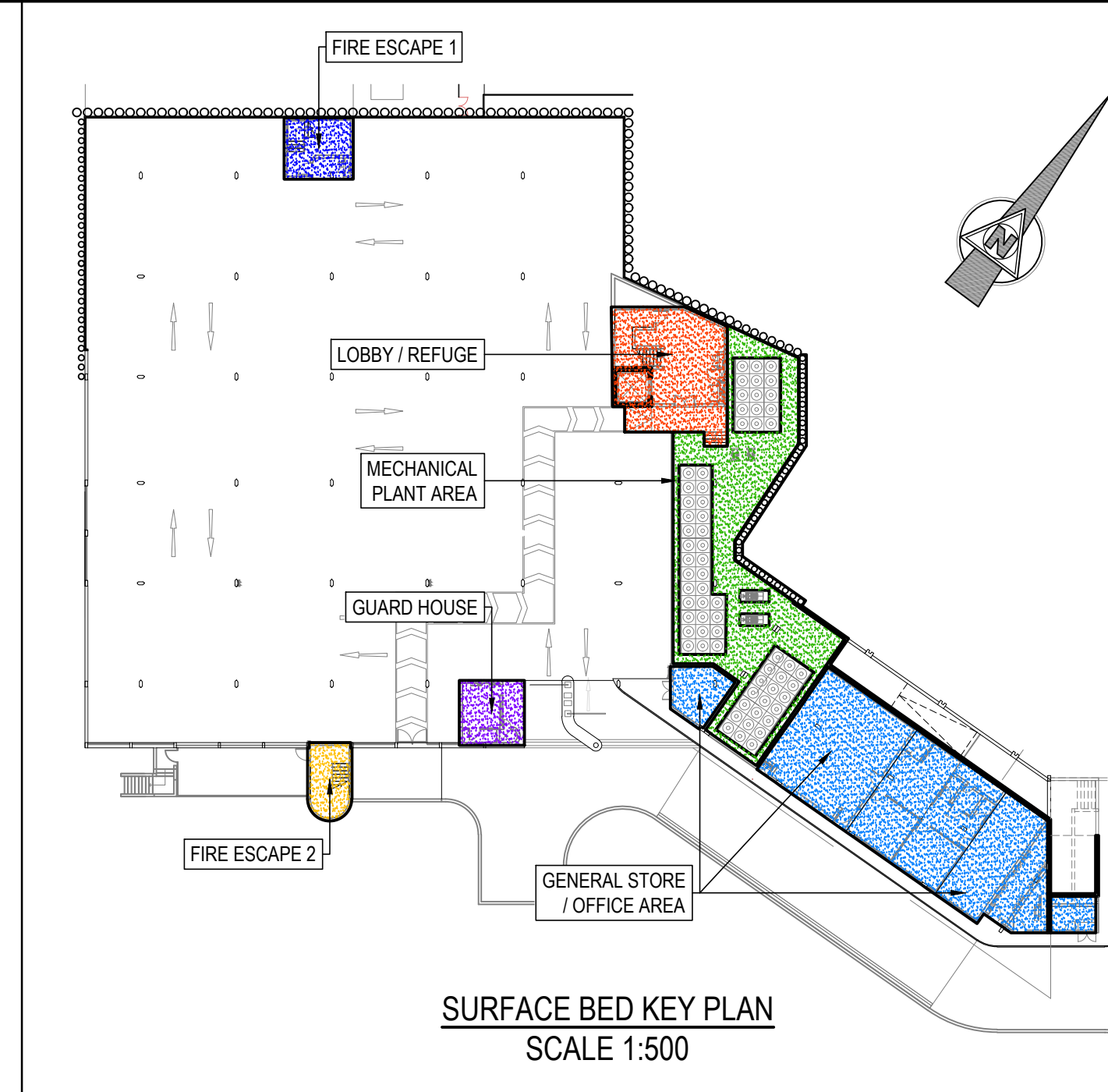
DETAIL A
SCALE 1:20



DETAIL B
SCALE 1:20



SECTION X
SCALE 1:50



SURFACE BED KEY PLAN
SCALE 1:500

REVISIONS

Rev.	Date	Drawn	Description
03	11-11-2024	D.J.P.	CONSTRUCTION

PLEASE READ THOROUGHLY!!!

GENERAL NOTES:

G1. All work to be carried out in accordance with the latest issue of SANS 1200 unless noted otherwise.

G2. All setting out to Architect's details.

G3. Piles, pile caps, ground beams, footings, and columns are central on grid lines unless shown otherwise.

G4. Contractor to check all dimensions and levels prior to commencing work on site, and any discrepancies to be reported to the Engineer immediately.

CONCRETE NOTES:

C1. Blinding concrete to be placed below all pile caps, ground beams, and footings and shall be a minimum of 50mm thick.

C2. Concrete mix design to SANS 10100. Design loads from SANS 10160 and Client's specification.

C3. Concrete mix designs to be submitted to Engineer for approval prior to commencement of work. Only Engineer-approved admixtures to be used.

C4. Foundations designed for a bearing pressure of 80kPa. Refer to DRENNAN MAUD (PTY) LTD Report Ref. 22649P.

C5. All concrete to have a minimum compressive strength at 28 days as follows:

- Blinding: 15 MPa / 25mm
- Foundations: 25 MPa / 25mm
- Columns: 30 MPa / 19mm
- Surface Beds: 25 MPa / 19mm
- Suspended Slabs & Beams: 30 MPa / 19mm

C6. Concrete cover to main reinforcement:

- Foundations: 50 mm
- Columns: 30 mm
- Surface Beds: 50 mm
- Suspended Slabs & Beams: 30 mm

C7. All concrete work, including formwork stripping times and propping, to SANS 1200-G8.

C8. Formwork classification:

- Concealed surfaces: Rough
- Exposed surfaces (unless otherwise shown): Smooth (left-shutter) to Grade II finish.
- Exposed surfaces (where specified by architect): Smooth-special to SANS 2001-CC1: 4.3.1.8 Table 1.

Degree of accuracy | Table 1.

C9. All sharp edges to concrete to have 25mm chamfers.

C10. Unformed surface finishes as follows:

- Surface Beds: Power-floated
- Suspended Slabs: Power-floated

C11. All services and sleeves to be positioned prior to concrete pour. No in situ concrete to be cast without prior approval from the Engineer.

C12. The positions of all construction joints not shown on the drawings are to be discussed with and approved by the Engineer.

REFER TO DRAWING 3119-S20 - GENERAL NOTES

IF IN DOUBT, ASK!!!

HEALTH DEPARTMENT SIGNATURES

DEPUTY DIRECTOR GENERAL: _____

HEAD OFFICE PROGRAMME / SERVICE: _____

DISTRICT MANAGER: _____

CEO MANAGER OF THE FACILITY: _____

DOH PROJECT MANAGER: _____

IMPLEMENTING AGENT PROJECT MANAGER: _____

PROFESSIONAL SERVICES PROVIDER: **S. S. Boyce (Pr. Eng. 20160768)**

Name: _____ Date: 04/10/2025

Signature: _____

Consultant: **DRENNAN MAUD (PTY) LTD**

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health
Department:
Health
PROVINCE OF KWAZULU-NATAL

KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

SOUTHERN REGION

Project: **DEPARTMENT OF HEALTH
PORT SHEPSTONE HOSPITAL
NEW PSYCHIATRIC WARD**

Drawing description: **SURFACE BED / JOINT LAYOUT,
SECTIONS & DETAILS**

Drawn: D.J.P. Date: July 2024
Scale: As shown
Consultant Drawing number: **3119-S06** Rev: C0
Drawing number: **WIMS 044 044 / S / 06 / C0**
Stamped by Health Plans Approval Committee