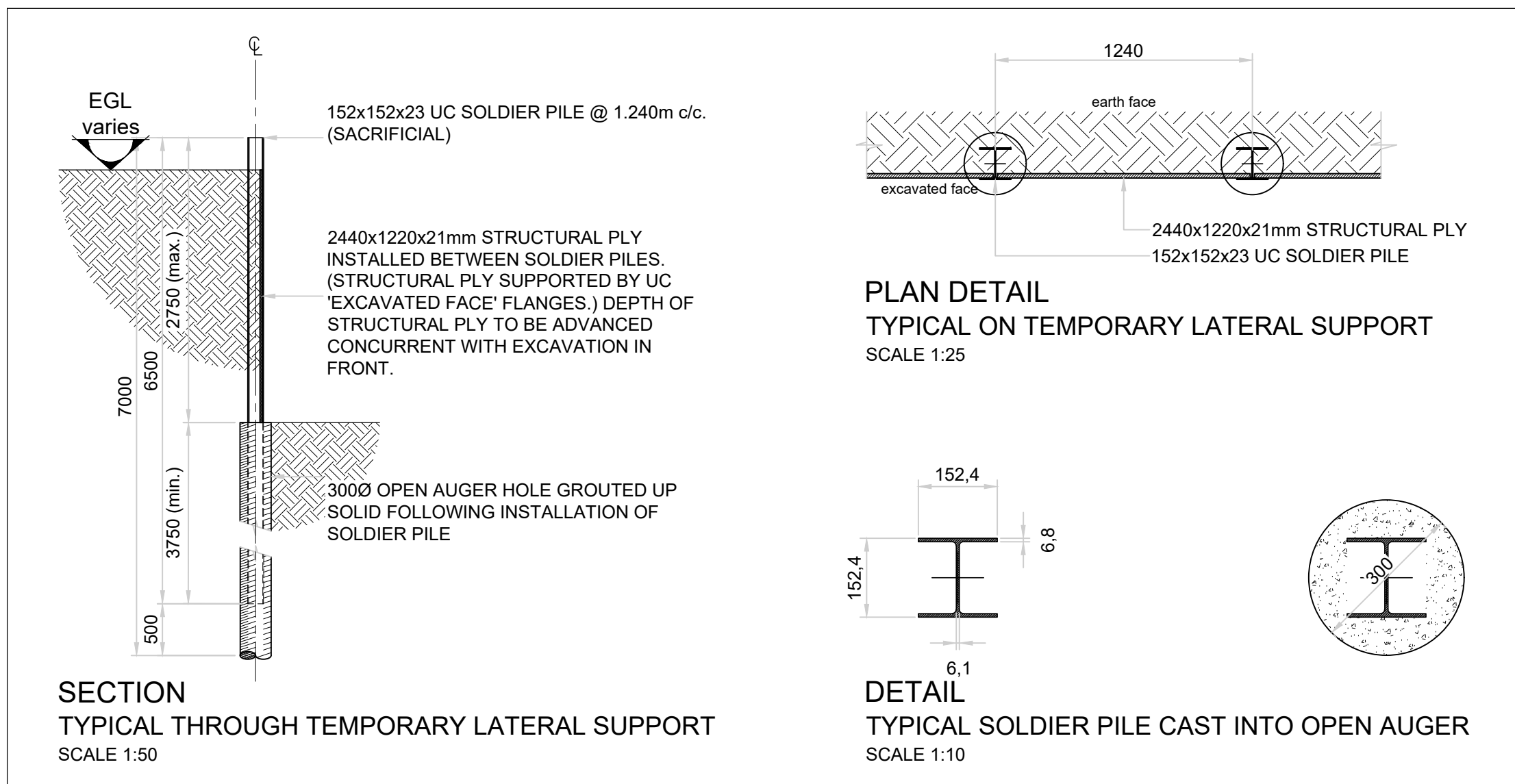




KEY:

- UP20 15T Jack-pile by Specialist. Length to be determined on site. 8No. off.
- UP10 10T Jack-pile by Specialist. Length to be determined on site. 7No. off.

This drawing to be read in conjunction with the Architect's Demolition Layout



Revisions			
Rev.	Date	Drawn	Description
CO	12-11-2024	S.J.G	CONSTRUCTION

GENERAL NOTES

G1. All Works to be in accordance with the Contract / Specification, the latest issue of SANS 10403 and SANS 120 unless noted otherwise.

G2. Geotechnical and Structural drawings to be read in conjunction with any relevant Architectural, Civil, Mechanical, Electrical or Other drawings. Any errors or discrepancies are to be reported to the Engineer immediately.

G3. The Contractor to keep a full set of drawings on site. Drawings are not to be scaled; use figured dimensions only. Large scale details to be used, where available.

G4. The Contractor is solely responsible for correctly setting out the site, with particular reference to the site boundaries and building lines.

G5. All setting out to Architect's details.

G6. Piles, pile caps, columns, beams, etc. are central on grid lines unless shown otherwise.

G7. Contractor to check all dimensions and levels prior to commencing work on site, and any errors or discrepancies are to be reported to the Engineer immediately.

G8. Engineer to be given 48hr (minimum) notice to all inspections. No inspections, no Stability / Completion Certificate.

EXCAVATION SAFETY NOTES

E1. On-site safety is the responsibility of the Contractor.

E2. Indicated lines of existing services are approximate. All existing services to be located and protected by the Contractor prior to commencement of excavation.

E3. Shoring, bracing, and making safe of the excavations is the sole responsibility of the Contractor.

E4. All excavations exceeding 1.5m in depth are to be suitably shored during construction such that adjacent structures are not undermined and the excavation is safe for access by personnel and equipment.

E5. All excavations to be kept free of water at all times. On-site stormwater management is the responsibility of the Contractor during construction.

E6. Fill to be rolled at the end of each day's work to ensure grade is such that water is not directed to the excavation.

STEEL NOTES

S1. Contractor to check all dimensions on site prior to fabrication. Any discrepancies to be reported to the Engineer immediately.

S2. No steelwork is to be fabricated prior to the Engineer's approval of shop drawings.

S3. Steelwork grades shall be as follows:

- Hot rolled sections: Grade S355JR to EN10025-2
- Hot rolled angles: S400 and under and cold rolled open sections: Grade "CO" (Commercial Quality steel to SANS 10162)
- Hot formed hollow sections: Grade S355W to SANS 10162 and cold rolled steelwork to be hot dip galvanized to SANS 121 and treated with a suitable degreasing agent.

S4. Where exposed at Floor level, all hot rolled steelwork to be coated in accordance with the Architect's specification.

S5. The ends of all tubular and hollow sections are to be sealed with nominal thickness plates and continuous fillet welds unless shown otherwise.

S6. All gusset and end plates to be 10mm unless shown otherwise.

S7. Unless shown otherwise, joints and girths shall be continuous over at least two spans.

S8. All welds to be full strength L10 N.

S9. Welding shall be performed by a certified welder in accordance with the requirements laid down in the latest issue of SANS 10044.

S10. Welds shall be firm continuous fillet welds with E70XX Electrodes unless shown otherwise.

S11. Unless shown otherwise, all bolts shall be M12 Grade 4.8 to SABS 16.

S12. Exposed ends of holding-down bolts shall be protected from damage during and after placement of concrete.

S13. The Contractor shall provide and leave in place until permanent bracing elements are constructed, such temporary bracing as is necessary to stabilise the structure during erection.

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 SERVICE PROVIDER:

Name: **S. Gordon (Pr. Eng. 20160768)**

Signature: _____ Date: _____

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: **UNDERPINNING & TEMPORARY LATERAL SUPPORT LAYOUT & DETAILS**

Drawn	S.J.G	Date	Nov/2023
Scale/s	As shown	Rev.	CO
Consultant Drawing number	31319-S00	Rev.	CO
Drawing number	WIMS 044 044 / S / 00 / CO		
Stamped by Health Plans Approval Committee			