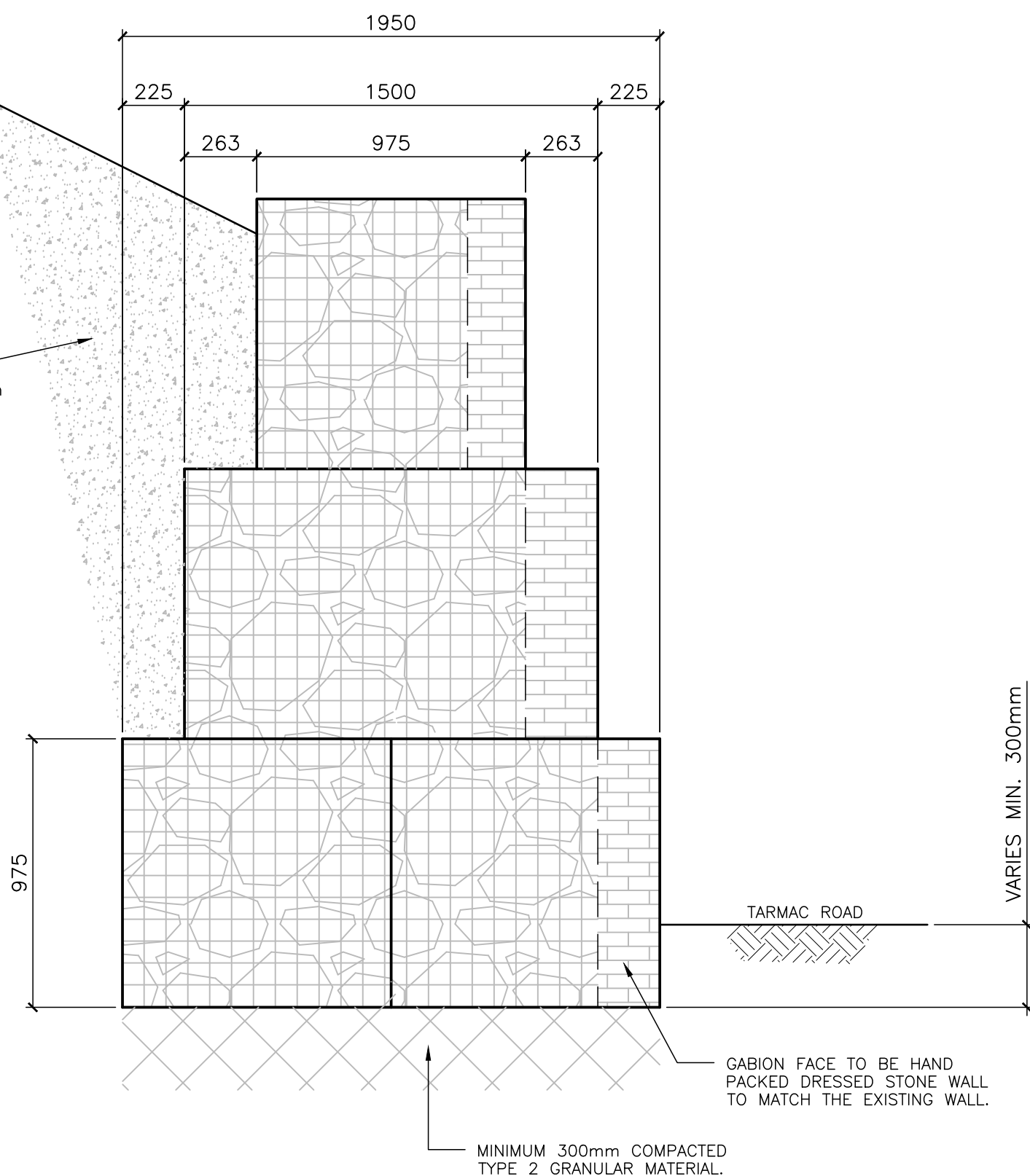


NOTES

1. THIS DRAWING IS COPYRIGHT.
2. DO NOT SCALE THIS DRAWING, WORK TO FIGURED DIMENSIONS ONLY.
3. ALL WORK TO BE CARRIED OUT IN FULL ACCORDANCE WITH SPECIFICATIONS AND NHBC REQUIREMENTS.
4. ALL GROUND WORK TO BE CARRIED OUT IN ACCORDANCE WITH SITE INVESTIGATION REPORT AS PREPARED BY INTEGRAL GEOTECHNIQUE.

NOTE:

METHOD LAYING AND COURSING OF THE GABION WALLS MAY NEED TO BE VARIED TO SUIT SPECIALIST CONTRACTORS PREFERRED CONSTRUCTION TECHNIQUE AND MATERIALS TO BE USED. THESE CONSTRUCTION DETAILS ARE INDICATIVE ONLY.



TYPICAL GABION DETAIL

GABION WALL SPECIFICATION

1. MACCAFERRI (OR SIMILAR) WELDED GABIONS WITH INTERNAL PARTITION PANELS AT 1.0m CENTRES.
2. WELD MESH WIRE TO BE 3mm THICK GALVANISED WITH GALMAC (Zn95/Al5 ALLOY) COATING. DIAPHRAGMS ARE FIXED AT APPROX. 1.0m c/c ALONG THE GABION FOR UNITS LONGER THAN 1.5m.
3. STONE FILL TO BE 100mm TO 150mm WELL GRADED STONE.
4. ALTERNATE COURSES OF GABIONS TO BE STAGGERED & TIED TOGETHER. ALL JOINTS AND CONNECTIONS TO BE FORMED IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS & DETAILS.
5. GABIONS TO BE ASSEMBLED, ERECTED & FILLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS & DETAILS.

PRELIMINARY

THIS DRAWING IS FOR PLANNING AND TENDER PURPOSES ONLY AND NOT TO BE USED FOR CONSTRUCTION.

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Project Title

RETAINING WALL WORKS AT
ORBIS COED PARC HOUSE,
CWMAVON ROAD, CWMAVON

Drawing Title

PROPOSED SITE LAYOUT
& TYPICAL DETAIL

Scales 1:100 (DRAWING SIZE A1)

Drawn JC Checked Date 19.03.2021

Client ORBIS EDUCATION & CARE

Architect

Drawing Number

S.7836-02

REV

TEMPORARY WORKS:

TO ENSURE THE SAFETY OF THE EXISTING SLOPES/EMBANKMENTS BEHIND THIS NEW WALL, DURING CONSTRUCTION, PHASED EXCAVATIONS ALONG THE LENGTH OF WALL NEEDS TO BE CONSIDERED. BASED ON STANDARD 'GABION' TYPE UNITS THIS SHOULD NOT EXCEED 4m LENGTHS FOR ANY ONE FULLY COMPLETED SECTION. A SPECIALIST CONTRACTOR SHOULD BE EMPLOYED FOR FURTHER ADVICE ON THIS MATTER.

