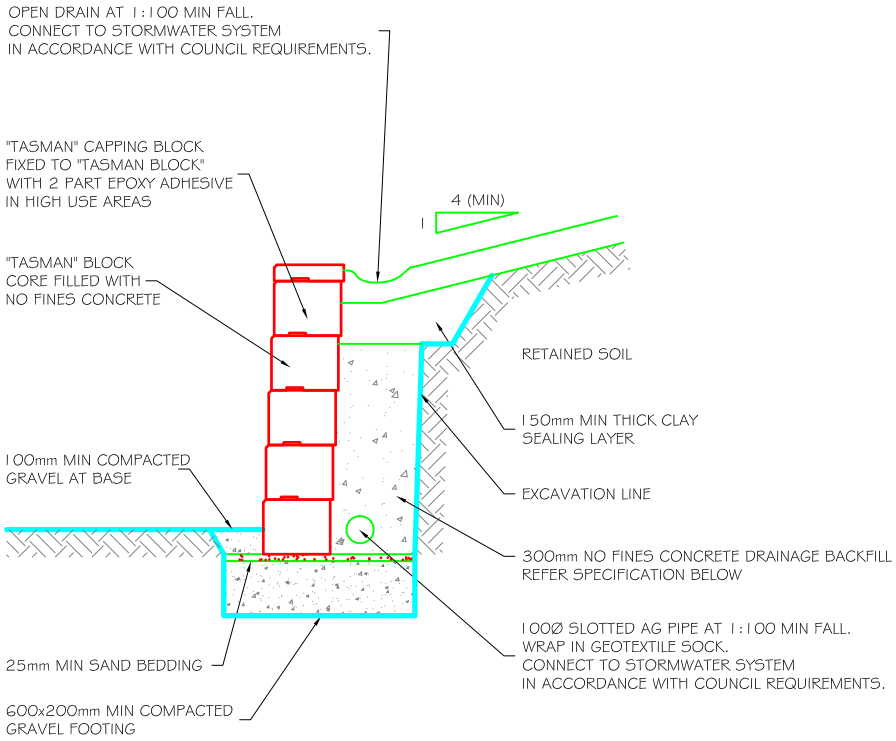

GRAVITY TASMAN BLOCK RETAINING WALL - 1:4 BACKSLOPE, NO FINES CONCRETE

SCALE 1:20

GENERAL NOTES:

1. REFER TO "ISLAND BLOCK & PAVING" TASMAN BLOCK GRAVITY RETAINING WALL SPECIFICATIONS FOR MAXIMUM WALL HEIGHT AND CONSTRUCTION DETAILS.

NO FINES CONCRETE SPECIFICATION:

1. AGGREGATE TO GP CEMENT RATIO TO BE 6:1 BY VOLUME
2. CONCRETE SLUMP TO BE LOW (APPROX 200mm)
3. COMPRESSIVE STRENGTH TO BE GREATER THAN 10MPa
4. CONCRETE BULK DENSITY TO BE NOT LESS THAN 1800 kg/m3
5. COREFILL BLOCKS WITH NO FINES CONCRETE PRIOR TO BACKFILLING.
6. BLOCKS SHOULD BE WETTED PRIOR TO COREFILLING.
7. BLOCKS SHOULD BE BACKFILLED WITH NO FINES CONCRETE EVERY 2 COURSES AND ALLOWED TO CURE PRIOR TO BACKFILLING OF NEXT COURSING.
8. AT LEAST 25% OF TASMAN BLOCK LUGS MUST BE REMOVED FORM REAR OF BLOCKS PRIOR TO BACKFILLING.

DISCLAIMER

STANDARD DRAWINGS ARE TYPICAL DETAILS ONLY.
PROFESSIONAL CIVIL / STRUCTURAL ENGINEERS MUST
BE ENGAGED TO DESIGN, CERTIFY AND MODIFY ACCORDINGLY
THE STANDARD RETAINING WALL DRAWINGS BASED ON SITE
SPECIFIC REQUIREMENTS SUCH AS RETAINED SOIL BACKSLOPE,
SURCHARGES AND SOIL PROPERTIES.

DESIGN SOFTWARE IS AVAILABLE ON REQUEST FROM THE MANUFACTURER.