



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

TYPICAL FREESTONE ECO RETAINING WALL. SYSTEM GRAVITY NO-FINES CONCRETE WALL SECTION LEVEL

GENERAL NOTES:

1. REFER TO "ISLAND BLOCK & PAVING" FREESTONE ECO 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) - NO FINES CONCRETE TO BE WETTED TO SATURATION POINT
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 COURSE.
8. AT LEAST 25% OF FREESTONE BLOCK LUGS MUST BE REMOVED FROM REAR OF BLOCKS PRIOR TO BACKFILLING.