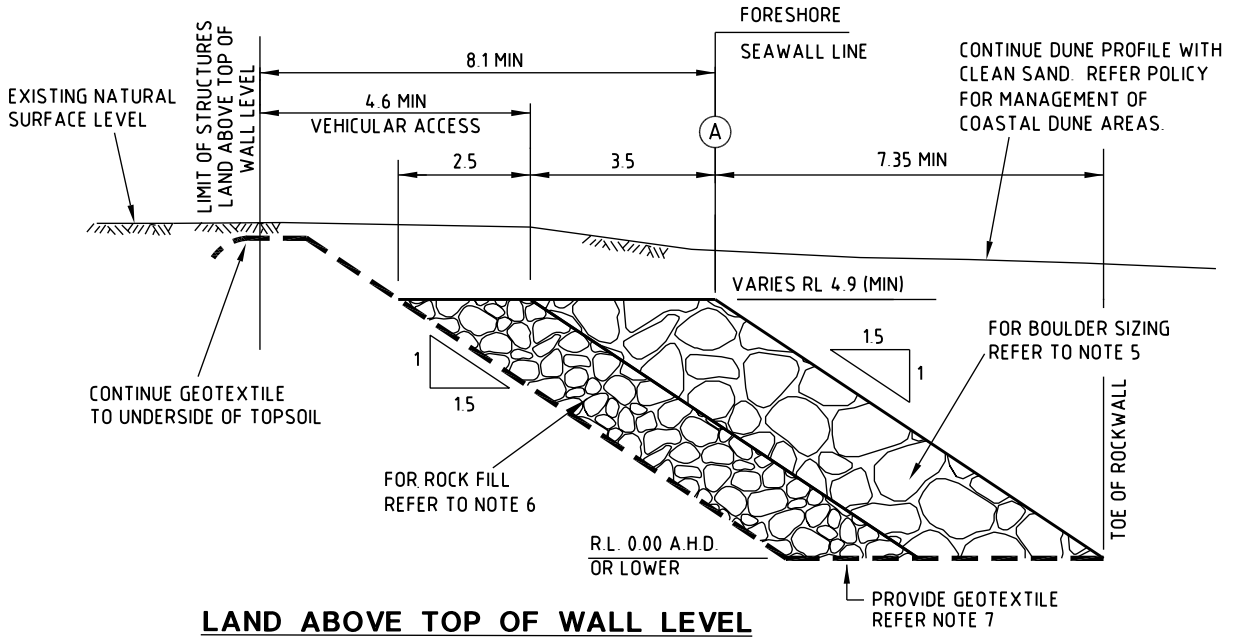


**LAND AT TOP OF WALL LEVEL**



**LAND ABOVE TOP OF WALL LEVEL**

**NOTES**

- TYPE 2 WALL SHALL ONLY BE USED WHERE SITE CONDITIONS PRECLUDE THE USE OF THE TYPE 1 WALL (STD DWG No 05-04-001) AS DETERMINED BY THE CERTIFYING ENGINEER.
- CROSS SECTION PROFILES ARE BASED ON COORDINATOR GENERAL'S DEPARTMENT DRAWINGS.
- ALL SAND TO BE SIEVED THROUGH A 50mm SIEVE PRIOR TO BACKFILLING.
- SAND SHALL BE WASHED INTO WALL TO FILL THE VOIDS BETWEEN BOULDERS AT THE CONCLUSION OF THE ROCK WORK. ANY EXCESS SAND FROM EXCAVATIONS SHOULD BE PLACED SEAWARD OF THE WALL.
- BOULDERS SHALL BE SOUND IGNEOUS OR METAMORPHIC ROCKS CLEAN AND FREE OF TOPSOIL AND ORGANIC MATTER AS FOLLOWS:
  - SIZE 1.5 TO 4 TONNE
  - 50% OVER 3 TONNE
- ROCK FILL SHALL BE OF SOUND IGNEOUS OR METAMORPHIC ROCKS CLEAN AND FREE OF TOPSOIL AND ANY ORGANIC MATTER AS FOLLOWS:
  - SIZE 90 - 360KG.
  - 50% OVER 270KG.
- FOR TYPE 2 WALL, THE GEOTEXTILE SHALL COMPLY WITH THE FOLLOWING MINIMUM REQUIREMENTS:
  - UNIT WEIGHT TO AS 3706.1 - 1000 g/m<sup>2</sup> (min)
  - GRAB TENSILE STRENGTH TO AS 2001.2.3 - 1000 N (min) IN ANY DIRECTION IN PLANE OF GEOTEXTILE
  - TRAPEZOIDAL TEAR RESISTANCE ASTM D1117 - 600 N (min) IN ANY DIRECTION
  - WATER PERMEABILITY (10cm HEAD) - 30 LITRES/m<sup>2</sup>/SECOND (min)
- THE AREA BEHIND THE LEADING EDGE OF THE SEAWALL (ie LANDWARD) IS SUBJECT TO WAVE OVERTOPPING.
- THE FORESHORE SEAWALL LINE 'A' IS AS SHOWN ON THE FORESHORE SEAWALL MAP - OVERLAY MAP 12 - REFERRED TO IN THE CITY OF GOLD COAST PLANNING SCHEME.
- ALL BUILDINGS AND OTHER STRUCTURES SHALL BE SET BACK 8.1m (MIN) FROM THE FORESHORE SEAWALL, LINE 'A' (A-LINE).
- VEHICULAR ACCESS IS PROVIDED FOR CONSTRUCTION VEHICLES DURING EMERGENCIES.
- BASEMENTS MAY BE ALLOWED TO PROTRUDE UP TO THE GEOTEXTILE LAYER ONLY. THE BASEMENT ROOF SHALL BE DESIGNED TO WITHSTAND ALL LOADS GENERATED DURING THE MAINTENANCE OF THE WALL, INCLUDING WALL CONSTRUCTION TRAFFIC.
- JOIN GEOTEXTILE SO AS TO RETAIN ADEQUATE FILTER FUNCTION.
- DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.



THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE				CONTROLLED DOCUMENT	DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY
No.	AMENDMENT	APPROVED	DATE	ISSUED	

DRAWN BY	TECHNICAL SERVICES BRANCH
PASSED	18/03/04
APPROVED	18/03/04

**STANDARD DRAWING**

**FORESHORE SEAWALL TYPE 2 (GEOTEXTILE)**

MICROFILMED
STANDARD DRAWING No. <b>05-04-002</b>
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