

General Notes

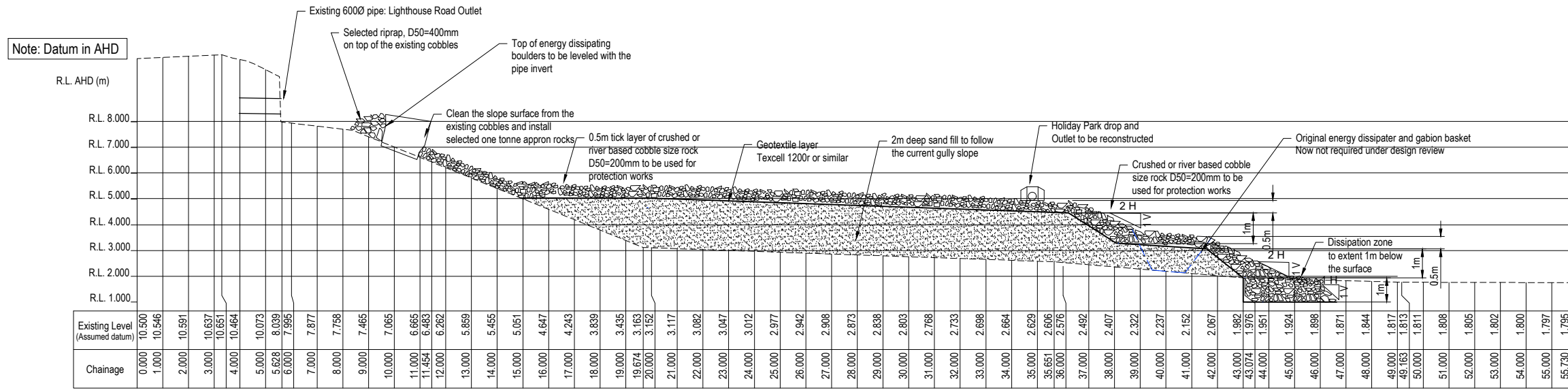
- The height and size of the protection works has been defined based on consultation with the project stakeholders and do not provide a long term protection.
- Same rock material to be used for protection works within the gully and beach side escarpment
- Natural surface contours are computer interpolated from surveyors electronic field data.
- Notwithstanding the limits of earthworks shown on the drawings, the actual limits shall be confirmed on site by the contractor.
- Prior to commencement of construction, the contractor is to ascertain the location and level of existing services to his satisfaction.
- Notwithstanding the extent of the works shown on the drawings the contractor shall undertake all necessary construction required to enable finished works to comply with the intent of the drawings and the requirements of the local authorities design and construction codes.
- These drawings are diagrammatic only. They do not relieve the contractor or builder from his responsibility to comply with these requirements, even if drawings are approved by the authority.

Rock Armouring Notes

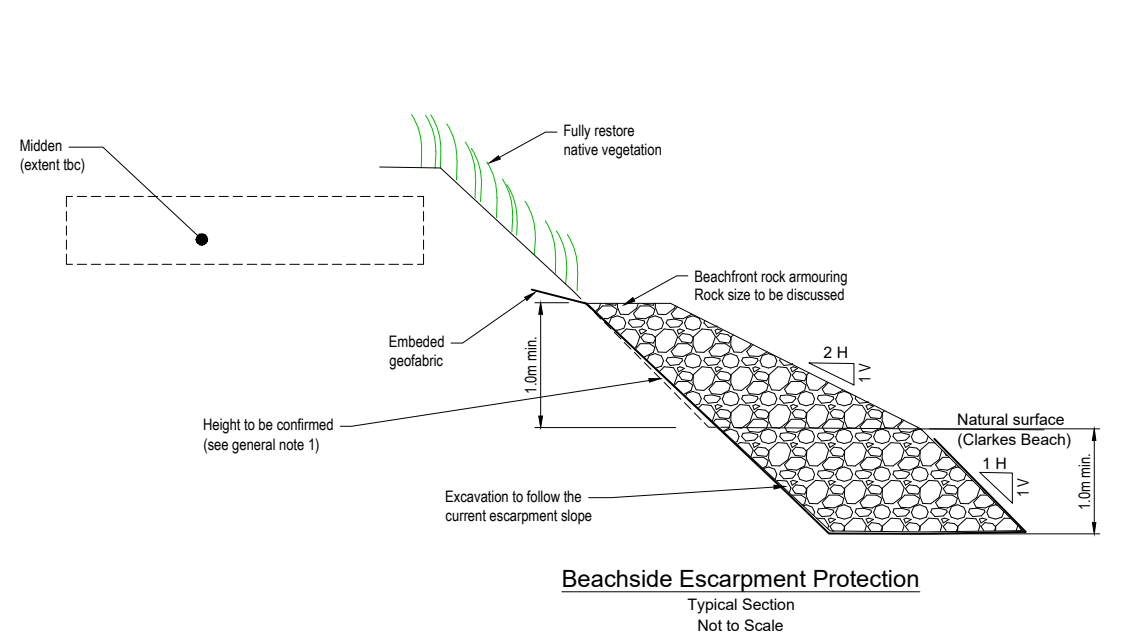
- The surface should be completely cleared of vegetation before sand filling and placement of rock protection works
- Geotextile layer to completely cover the interface between the rocks and sand
- The cobbles forming the D200mm armouring shall be at least 20kg with a medium weight of 35kg and specific weight of not less than 2600 kg/m³
- Large rocks shall be bedded on their broadest base.
- The rock armouring has been intended for erosion protection, not for surcharge loading.

Protection Works at Midden

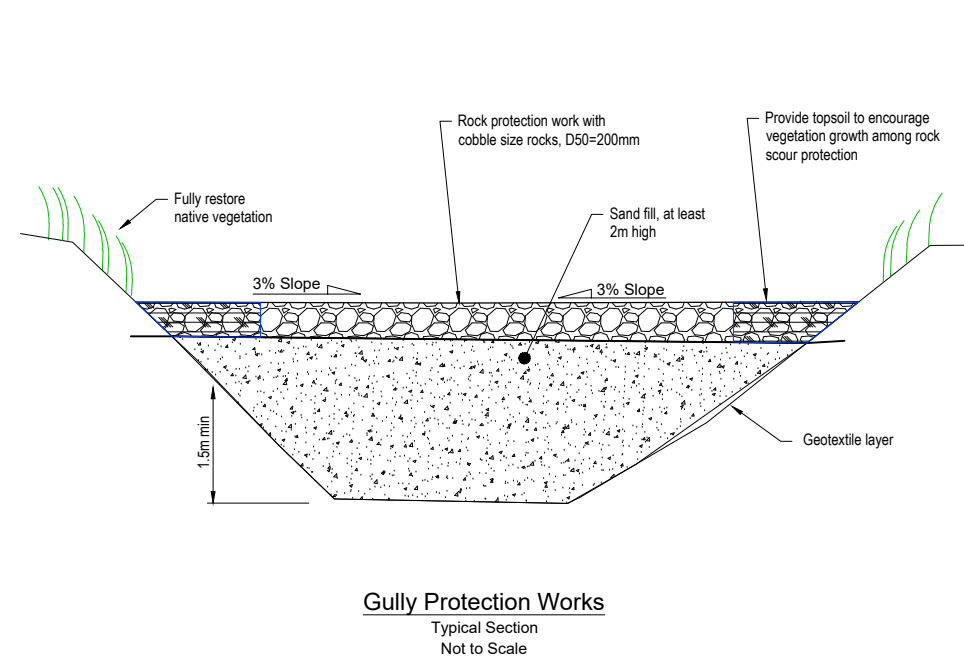
- No excavation allowed at escarpment surface
- No access to the site through the midden area is allowed
- The extent of protection works may be changed by the superintendent at the site



Longitudinal Section Through Gully Invert
Scale 1:10



Beachside Escarpment Protection
Typical Section
Not to Scale



Gully Protection Works
Typical Section
Not to Scale

This plan is NOT to be used for construction purposes unless it carries the approval stamp of the local authority.

<p>Client: NSW Crown Holiday Park Trust</p>		<p>Project: Clarks Beach Stormwater Management and Midden Protection Works</p>		<p>Title: Access Track and Gully Longitudinal Sections</p>		<p>ARDILL PAYNE ENGINEERS PLANNERS SURVEYORS ENVIRONMENTAL PROJECT MANAGEMENT BALLINA 45 River Street Ph. 02 6686 3280 SOUTH BRISBANE 89 Grey Street Ph. 07 3123 6675 GUNNDAH 285 Conadilly Street Ph. 02 6742 9955 A.B.N. 51 808 558 977 e-mail: info@ardillpayne.com.au</p>		<p>Scale: 1:100 @ A1, 1:200 @ A3</p>		<p>Designed: PG Drawn: LH Checked: BP Approved: [Signature] Job No. 8122</p>		<p>File Name: 8122 Stormwater Management v2.PG.dwg Date: 07/07/2017 Datum: - Dwg No. SW02</p>		<p>Issue A</p>	
Issue	Date	Description	App'd	<p>Do not scale drawing. Use written dimensions only. This plan is copyright © All rights reserved.</p>											