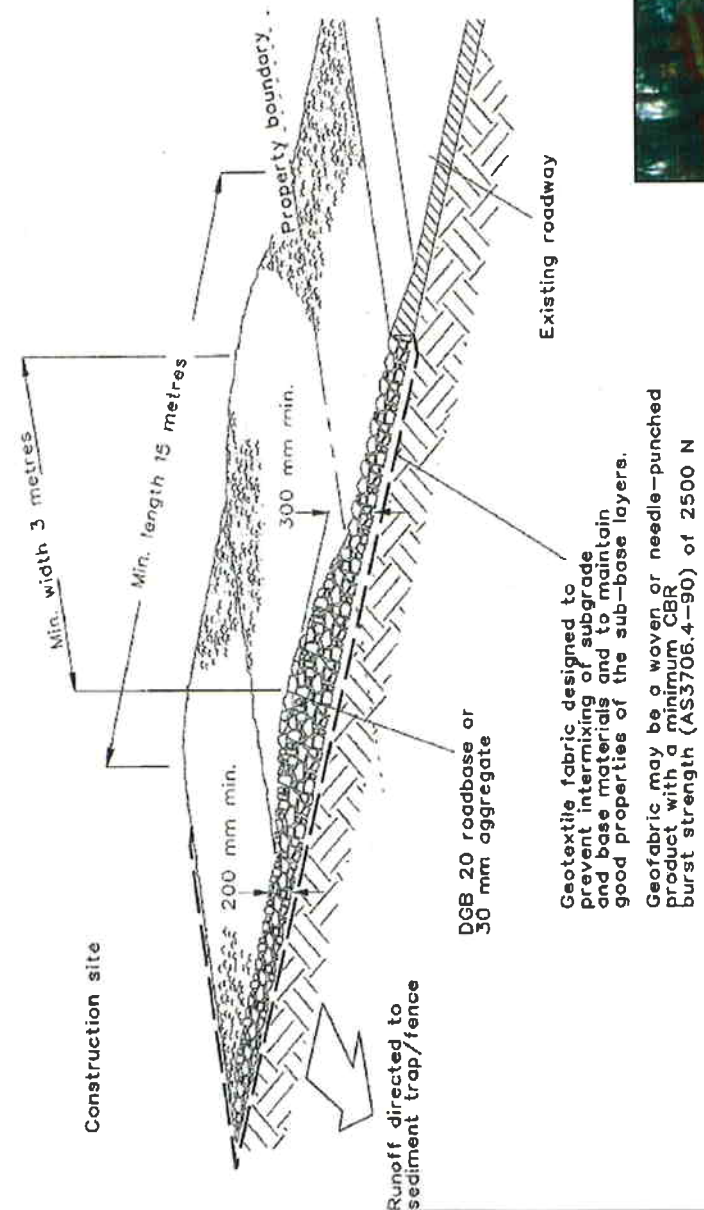




Construction Notes

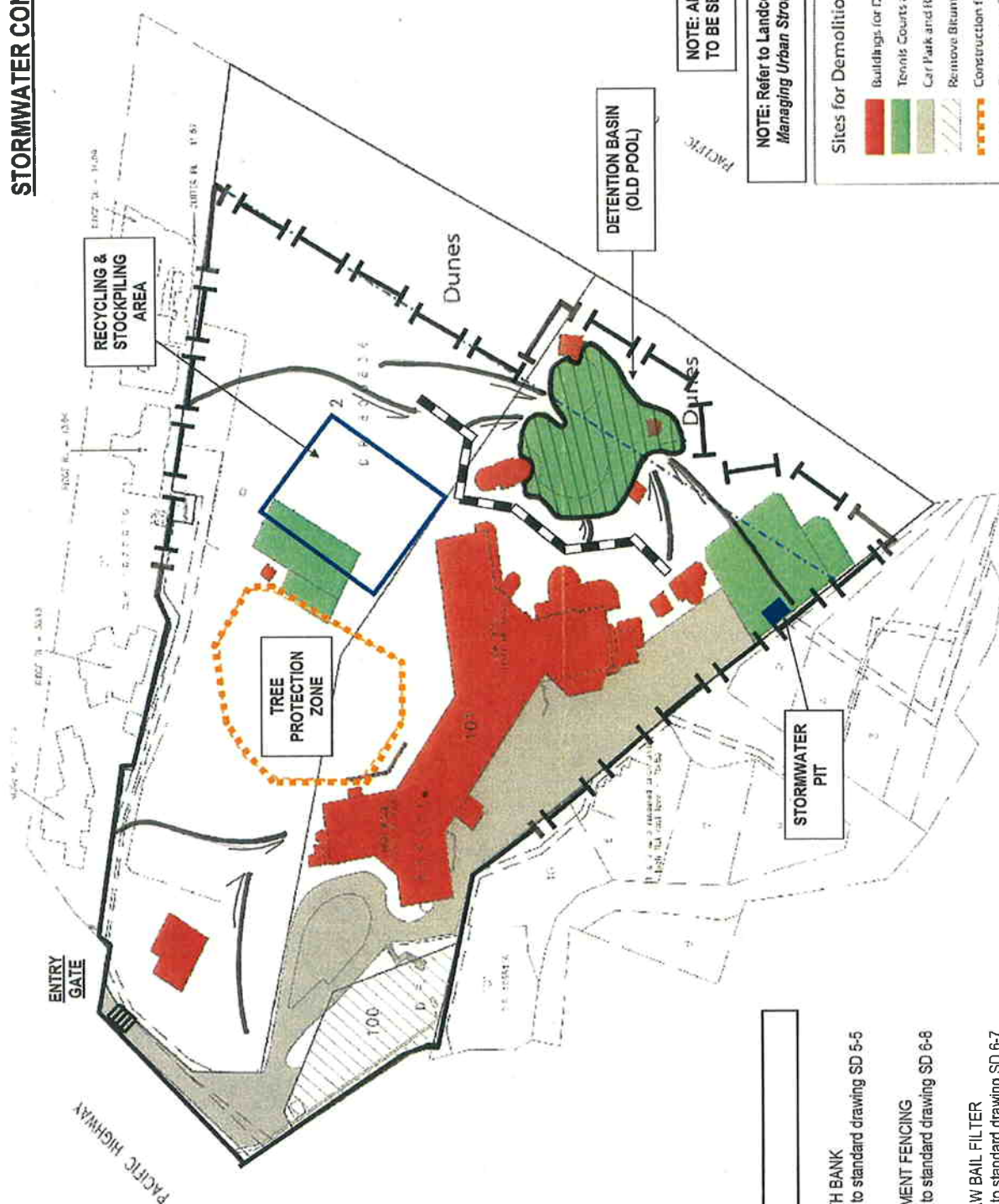
1. Strip the topsoil, level the site and compact the subgrade.
2. Cover the area with needle-punched geotextile.
3. Construct a 200-mm thick pad over the geotextile using road base or 30-mm aggregate.
4. Ensure the structure is at least 15 metres long or to building alignment and at least 3 metres wide.
5. Where a sediment fence joins onto the stabilised access, construct a hump in the stabilised access to divert water to the sediment fence



Figure 6.13 A simple wash-down system.

Appendix 5 - Stormwater Control Plan

STORMWATER CONTROL PLAN (10/06/09)



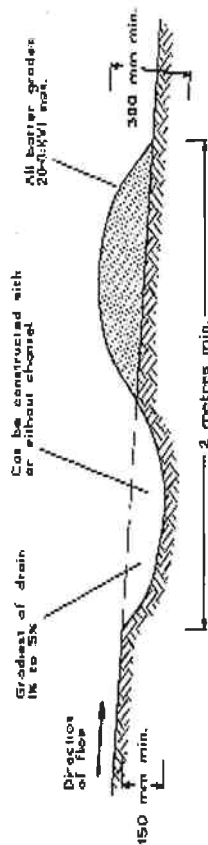
- LEGEND**
- EARTH BANK
(refer to standard drawing SD 5-5)
 - SEDIMENT FENCING
(refer to standard drawing SD 6-8)
 - STRAW BAIT FILTER
(refer to standard drawing SD 6-7)

NOTE: ALL CURRENT STORMWATER PITS TO BE SEALED

NOTE: Refer to Landcom 2004, Soils and Construction: Managing Urban Stormwater handbook, Vol. 1, 4th edn

- Sites for Demolition**
- Buildings for Demolition
 - Tennis Courts and Pools for Demolition
 - Car Park and Roads for Demolition
 - Remove Bitumen Surface
 - Construction fence to protect 7A environmental zone
 - Construction Fence

SCALE	NOT TO SCALE	DATE	10/06/09	APPROVED BY	REG WALTERS & PARTNERS	LOCALITY	COFFS HARBOUR CITY COUNCIL	SHEET NO.	10 OF 10	DATE	10/06/09
DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	CONSULTING ENGINEERS, SURVEYORS AND PLANNERS	ADJOINING BUILDINGS AND RIDGE LEVELS	PELICAN BEACH RESORT, COFFS HARBOUR	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09
DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	24 JAMES SMALL DRIVE ROCKDALE NSW 2450 PO BOX 1841 COFFS HARBOUR			DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09
DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	TEL 06 557 557 FAX 06 557 227 Mobile 0418 428 877 REGSURVEY@bigpond.com			DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09	DATE: 10/06/09

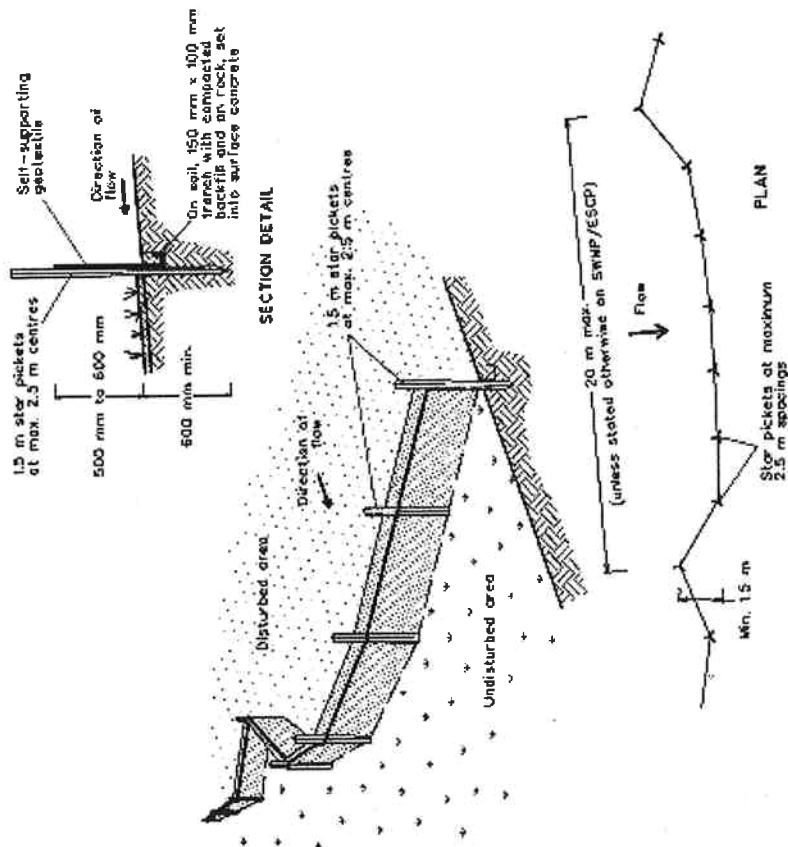
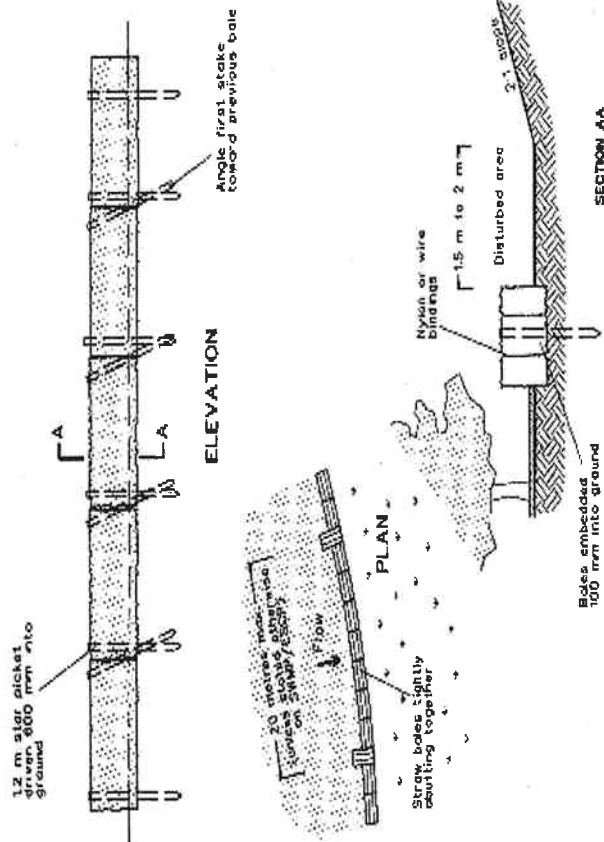


NOTE: Only to be used as temporary bank where maximum upslope length is 80 metres.

Construction Notes

1. Build with gradients between 1 percent and 5 percent.
2. Avoid removing trees and shrubs if possible - work around them.
3. Ensure the structures are free of projections or other irregularities that could impede water flow.
4. Build the drains with circular, parabolic or trapezoidal cross sections, not V shaped.
5. Ensure the banks are properly compacted to prevent failure.
6. Complete permanent or temporary stabilisation within 10 days of construction.

STRAW BAIL FILTER



Construction Notes

1. Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 acres per second in the design storm event, usually the 10-year event.
2. Cut a 100-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
3. Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
4. Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
5. Join sections of fabric at a support post with a 150-mm overlap.
6. Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

Appendix 6 – Vegetation/Trees to be Removed

General Notes

This drawing was prepared by Bushfiresafe (Aust) P/L to demonstrate the trees to be retained as part of the proposed development and should not be used for any other purpose.

Refer to Tree Schedule Appendix 3 for tree number and species type

ATTACHMENT 1 SITE LAYOUT & TREE SURVEY

Bushfiresafe (Aust)
P/L
20 McLachlan Street
Maclean NSW 2463
Ph: 02 66451086
Fax: 02 66451099



CLIENT:
Sapphire Beach
Developments
Pty Ltd

Project
Vegetation Management
plan for lots 100 & 101
BP629555 & Lot 2
BP800836 Pacific Hwy
Sapphire Beach

Date: June
2009
Scale:
Ref#
9041

LEGEND

- DEVELOPMENT PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARIES
- PROPOSED LOT BOUNDARIES
- PROPERTY ACCESS ROADS
- PROPOSED BUILDING FOOTPRINTS
- TREES TO BE RETAINED
- TREES TO BE RELOCATED
- TREES TO BE REMOVED



