

01. SEDIMENT AND EROSION CONTROL PLAN

1:100

Sediment and Erosion Notes

Site Works

Make an application DBYD(dial before you dig) to all authorities for the location of their existing services in the area prior to commencement of works. Existing services damaged during earth works shall be repaired immediately. Co-ordinate and confirm all dimensions existing levels, existing services and structure on site prior to commencement of works.

The builder and/ or contractor is responsible for the maintenance of all devices and measures installed in accordance with the council's requirements and the approved erosion and sediment control plan. Provide on site controls throughout the entire works to ensure minimum erosion and sediment loss. Silt fences, straw bales or other controls need to be provided until the site is stable. Should this approach not be practical the progressive revegetation of individual areas will be required.

Where there is grade on other areas of the site that may lead to erosion, further appropriate treatment is to be located to control erosion i.e Straw bales the provision and maintenance of (sediment) silt fences will be necessary during the construction phase. When instructed by the council progressively remove individual sections of silt fences for cleaning. Cleaning of fences to be carried out during periods of dry weather.

Erosion and sediment control measures shall be maintained and not removed, until the contributing catchment has been stabilized. The builder and/ or contractor shall make an assessment as to whether additional erosion

and sediment control measures are required

and where necessary, install such additional

the device has been reduced by 30% or more.

C) silt fence filters shall be checked for clogging

Run-off and sediment loss from the areas of fill

must be controlled during and after construction, before revegetation takes place

instructed by the project manager/council to direct water from the disturbed area. Other

measures shall be carried out as directed by the

using silt fences and or straw bales as

council and/or as shown on the plans.

controls and measures, to achieve the

Maintenance

objectives of councils specification. Maintenance procedures shall be carried out in accordance with the following: A) all devices and measures shall be checked to ensure that they are in optimum operating condition. B) silt fences, sediment traps are to be cleaned of accumulated sediment where the capacity of

or damage, and cleaned, repaired or replaced as necessary.

Fill areas

TRIAS

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NOMINATED ARCHITECT

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COMPLIANCE

Comply with all relevant authorities, NCC and Australian Standards. Dimensions in mm. Do not scale from drawings - use figured dimensions only and notify architect if discrepancy exists.

NOT FOR CONSTRUCTION

EGEND		
kisting wall		
ew lightweight construction		
ew masonry construction		
ew concrete construction	.7.7.7.7.7.2	
ew work shaded		
rick	BK-	
arpet	CP-	
oncrete	CR-	
etal	MT-	
asterboard	(PB-	
ender	RN-	
cone	ST-	
le	TL-	
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fer to finishes schedule for more detail		

DATE	REV	DESCRIPTION
24.04.25	А	For Review
30.05.25	В	DA Submission
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20 Dunit 0011	ot, munatu	
LIENT		
Jane and Nath	nan Buckle	
STATUS		
Design Develo	pment (DD))
SCALE		NORTH
:100 @A2		$\overline{\Phi}$
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The stock pile location shown on the plan is preliminary. Should the builder wish to relocate the stockpile, they shall obtain approval from council prior to commencement of works.

Stockpile sites shall not be located within the drip zone of trees. Stockpile sites must be protected from erosion and sediment loss by the installation of silt fences/straw bales or other controls approved by council.

Locate all stockpiles away from concentrated water flows, roads and hazard areas. An earth bank shall be constructed on the upside of all stockpiles.

Wind erosion

Stock piles

To minimise wind erosion during construction, the ground surface should be kept damp (not wet). The surface should be left in a rough cloddy condition to increase roughness and slow surface wind speed.

Location

Location of sediment control methods are shown diagrammatically only. Final location, extent and type of sediment control methods shall be to the satisfaction of council. The contractor, under section 16 of the clean waters act, is liable for the deposit of any contaminants deposited on roadways after leaving the construction site.

Silt Fences

Usage

Silt fences filter run-off leaving the site, trapping the sediment and allowing clean, filtered water to pass. Silt fences are to be placed on the contour or slightly convex to the

contour. If on the contour, each end of the fence should be turned up to create a 'stilling pond' up slope of the fence. Where possible, a silt fence system should be no longer than about 20m. They should not intercept large concentrated or channelised flows.

Installation

The area below a silt fence must be undisturbed on stabilised ground.

Maintenance

Silt fences require regular maintenance Trapped sediments should be removed. pickets straightened, filter cloth resecured and tightened, and blue metal replaced when heavily contaminated with silt.



DRAWING Sediment and Erosion Control Plan

PROJECT NO. SHEET P2332 DD-104