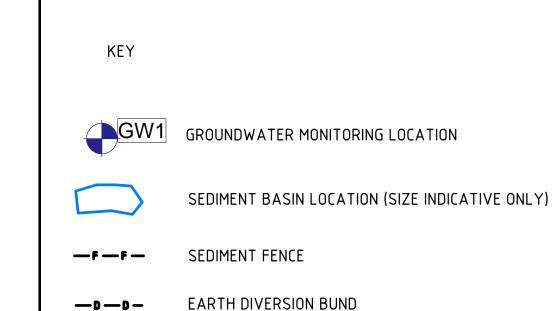
Sediment detention basin minimum design specifications summary. Basin D Basin E Element Basin A Basin B Basin C Storage Zone Volume (soil) (m³) 1804 1721 384 422 141 Settling Zone Volume (water) (m³) 6861 2955 4542 1587 6275 Basin Total Volume (m³) 1728 8665 3339 4964 7996 BASIN C

CROOKHAVEN ESTUARY

BILLYS ISLAND



ENERGY DISSIPATER

STABILISED SITE ACCESS

APPROX BILLYS ISLAND SEPP14 WETLAND EXTENT

UNITS - METRES SCALE - 1:4000 @ A1 1:8000 @ A3

martens 6/37 Leighton Place Hornsby, NSW 2077 Australia Phone: (02) 9476 9999

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MARTENS & **ASSOCIATES PTY LTD Sustainable Solutions** Environmental - Geotechnical - Civil Hydraulic - Wastewater Engineers



All measurements in mm unless otherwise specified.

SEDIMENT AND EROSION CONTROL PLAN AND GROUNDWATER MONITORING LOCATIONS MIXED USE SUBDIVISION - WEST CULBURRA, NSW PROJECT MANAGER: DRAWING NUMBER: THIS PLAN MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS APPROVED BY PRINCIPAL CERTIFYING AUTHORITY

P1203365JD01V04

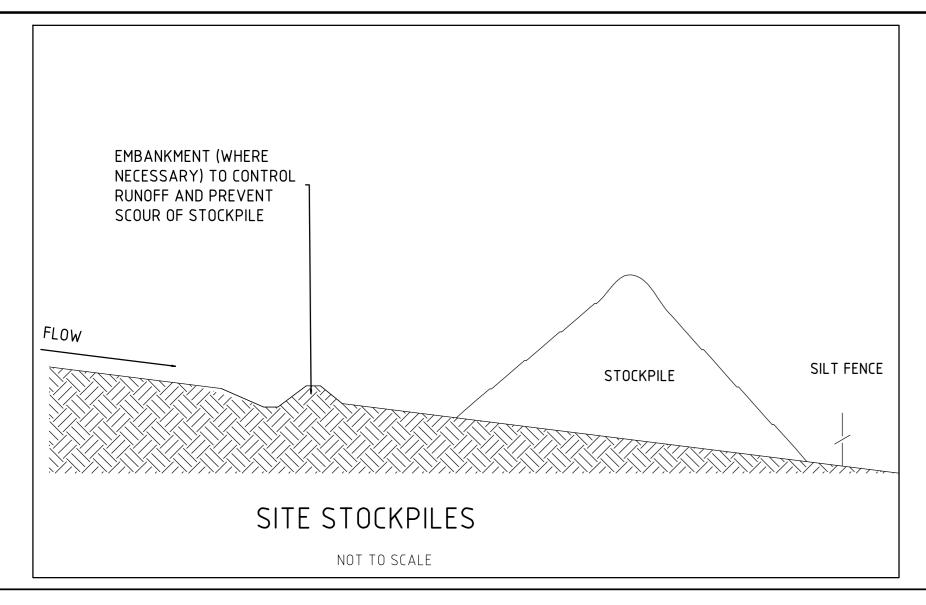
ANDREW NORRIS

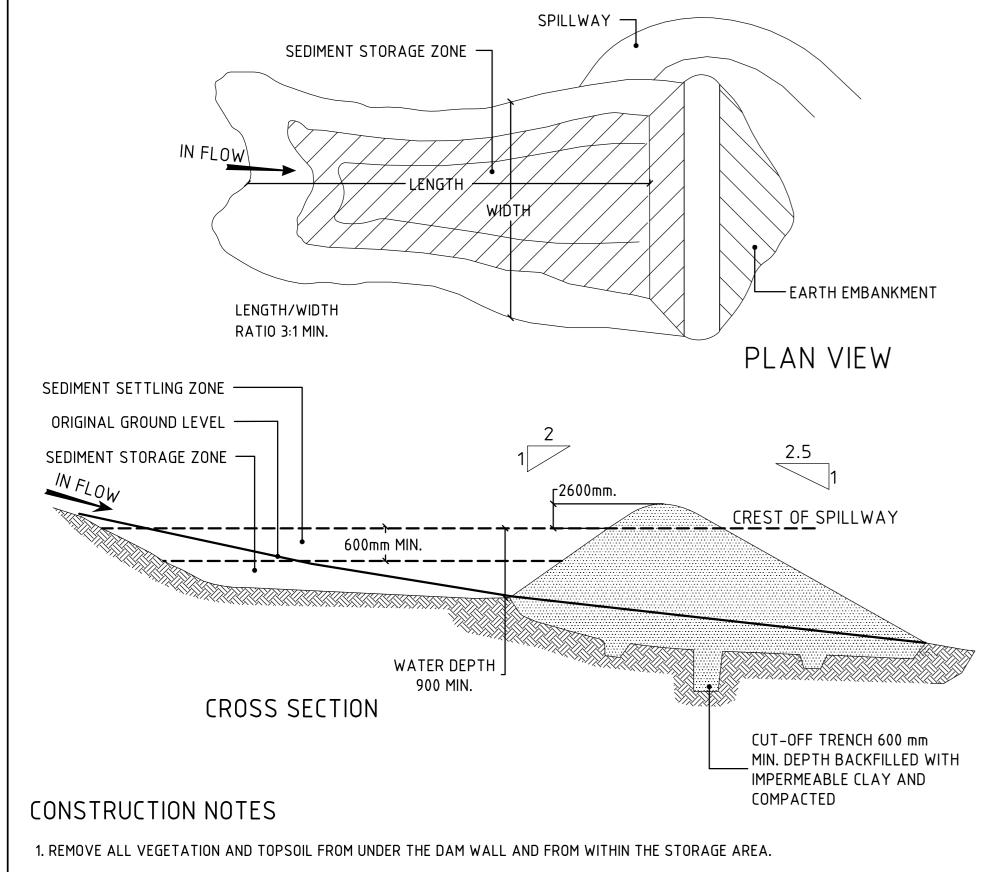
	DESIGNED.	DATON.	SHEET	REV.	DESCRIPTION
	MLK	mAHD	8	1	DRAFT
	DRAWN:	HORIZONTAL RATIO:	^	2	DRAFT
	MLK	1:4000 @ A1	OF 9	3	DRAFT
	5 = 1 (1 = 1 + 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	1:8000 @ A3	SHEETS	4	FINAL
I	REVIEWED:	VERTICAL RATIO: 1:4000 @ A1	PAPER SIZE:		
	AN 1:8000 @ A3	•	A1 / A3		

- CULBURRA ROAD

04.04.2012

21.11.2012



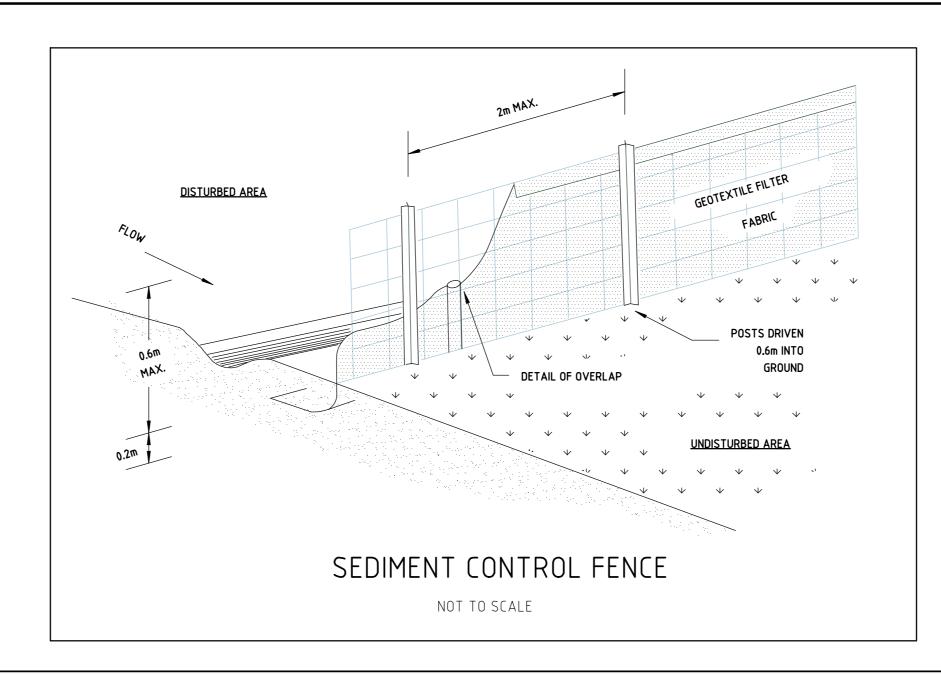


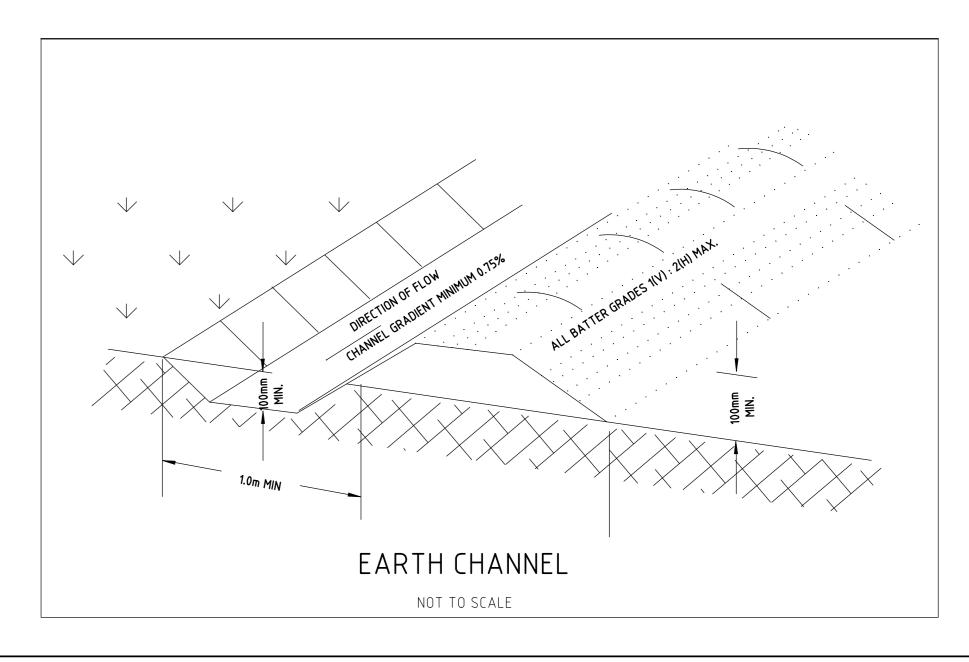
- 2. CONSTRUCT A CUT-OFF TRENCH 500 mm DEEP AND 1200 mm WIDE ALONG THE CENTRELINE OF THE EMBANKMENT EXTENDING TO A POINT ON THE GULLY WALL LEVEL WITH THE RISER CREST.
- 3. MAINTAIN THE TRENCH FREE OF WATER AND RECOMPACT THE MATERIALS WITH EQUIPMENT AS SPECIFIED IN THE SWMP TO 95 PERCENT STANDARD PROCTOR DENSITY.
- 4. SELECT FILL FOLLOWING THE SWMP THAT IS FREE OF ROOTS, WOOD, ROCK, LARGE STONE OR FOREIGN MATERIAL.
- 5. PREPARE THE SITE UNDER THE EMBANKMENT BY RIPPING TO AT LEAST 100 mm TO HELP BOND COMPACTED FILL TO THE EXISTING SUBSTRATE.
- 6. SPREAD THE FILL IN 100 mm TO 150 mm LAYERS AND COMPACT IT AT OPTIMUM MOISTURE CONTENT FOLLOWING THE SWMP.
- 7. CONSTRUCT THE EMERGENCY SPILLWAY.
- 8. REHABILITATE THE STRUCTURE FOLLOWING THE SWMIP.

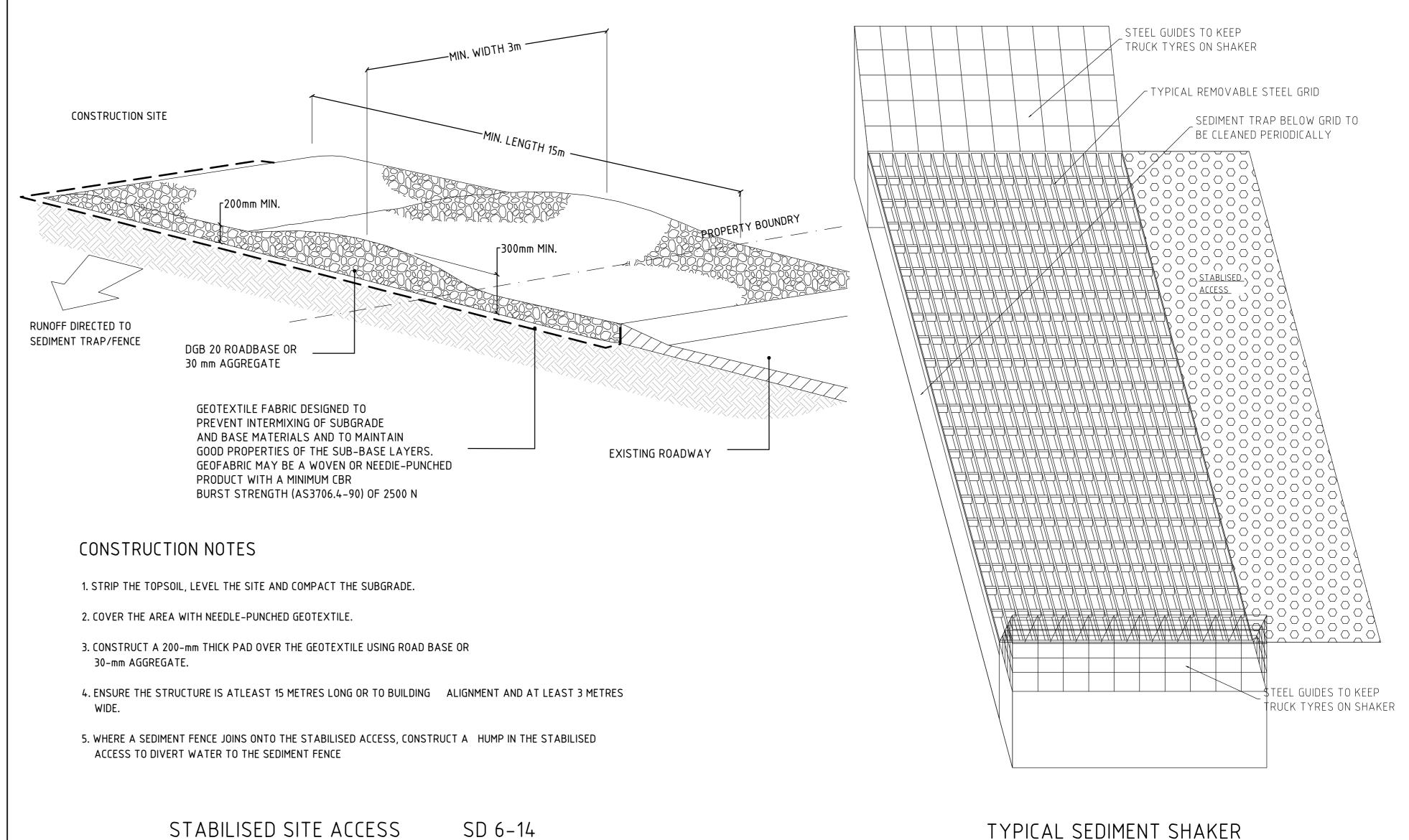
EARTH BASIN - WET

SD 6-4

NOT TO SCALE







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REALITY REALIZATIONS

CLIENT/ PROJECT

THIS PLAN MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS APPROVED BY PRINCIPAL CERTIFYING AUTHORITY All measurements in mm unless otherwise specified.

PROJECT MANAGER:

SEDIMENT AND EROSION CONTROL SPECIFICATIONS MIXED USE SUBDIVISION - WEST CULBURRA, NSW

DRAWING NUMBER:

P1203365JD01V04

NOT TO SCALE

DESIGNED: MLK DRAWN: HORIZONTAL RATIO 1:4000 @ A1 MLK SHEETS 1:8000 @ A3 PAPER SIZE: 1:4000 @ A1

1:8000 @ A3

A1 / A3

REV. DESCRIPTION ISSUED 1 DRAFT 04.04.2012 2 DRAFT 04.04.2012 3 DRAFT 4 FINAL 21.11.2012

NOT TO SCALE