SEDIMENT AND EROSION CONTROL PLAN

REVISION	AMENDMENT	DATE
A	ISSUED FOR CONSTRUCTION	08.08.18
01	ISSUED FOR APPROVAL	06.08.18

Client
MICHAEL & LYNETTE BOYD

Architect
RED ROCK DESIGN

GREENWOOD CONSULTING ENGINEERS
2/25 Seabeach Avenue, Mona Vale
ABN - 82 526 345 262

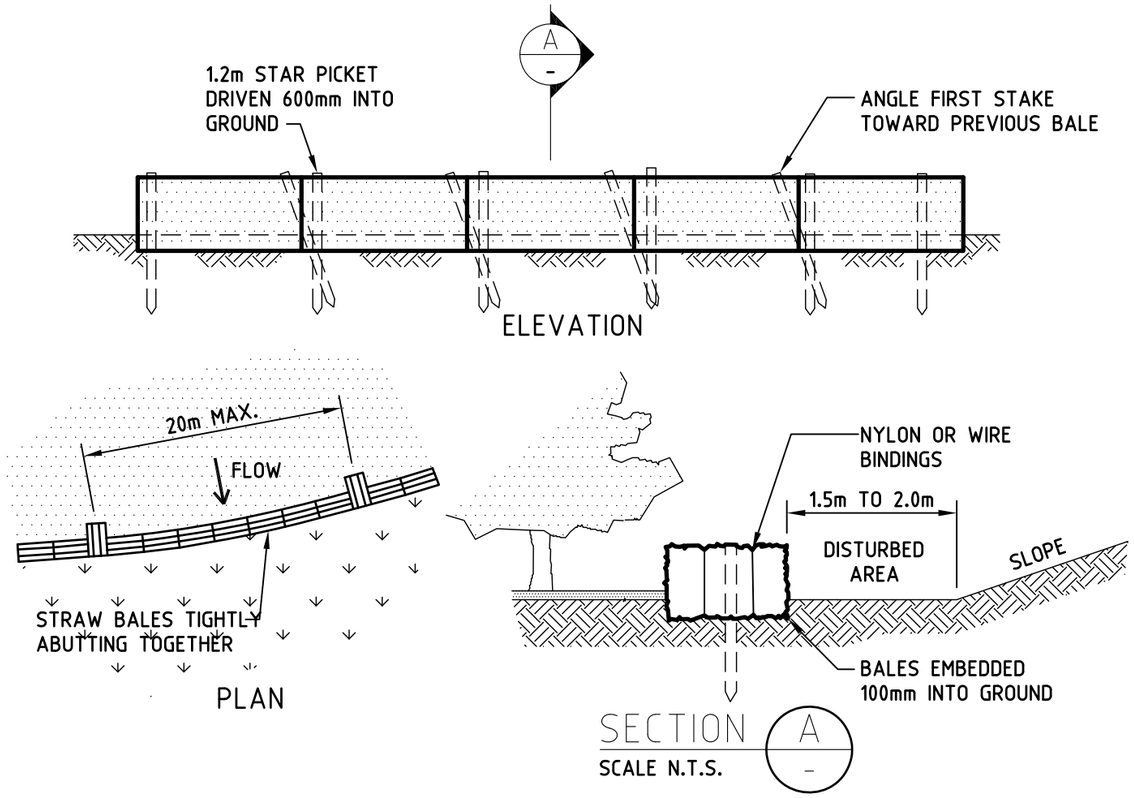
Project
ALTERATIONS AND ADDITIONS
9 LOLITA AVE, FORESTVILLE N.S.W.

Drawn	Designed	Date
A.C.W.	E.G.	AUG 18'
Checked	Approved	Scale
E.G.	E.G.	1:200

Title
SEDIMENT AND EROSION CONTROL PLAN

Drawing number.
2017130-SE1.00

Revision
A

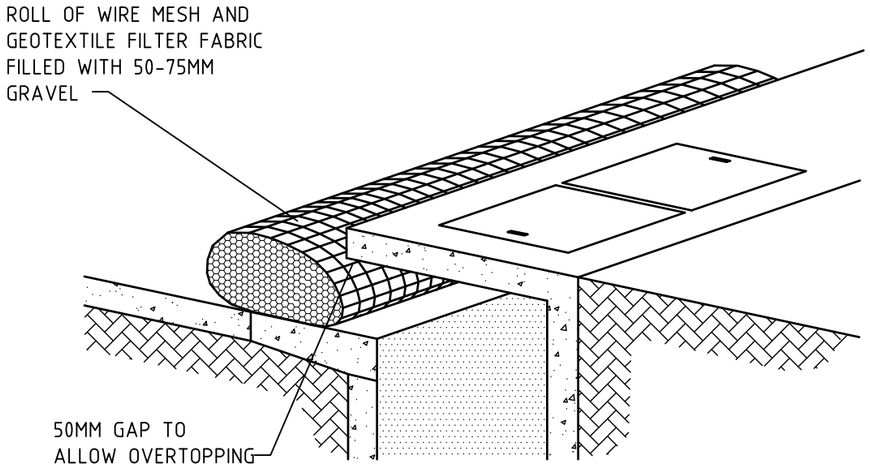


STRAW BALE FILTER CONSTRUCTION NOTES:

1. CONSTRUCT THE STRAW BALE FILTER AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE.
2. PLACE BALES LENGTHWISE IN A ROW WITH ENDS TIGHTLY ABUTTING. USE STRAW TO FILL ANY GAPS BETWEEN BALES. STRAWS ARE TO BE PLACED PARALLEL TO GROUND.
3. ENSURE THAT THE MAXIMUM HEIGHT OF THE FILTER IS ONE BALE.
4. EMBED EACH BALE IN THE GROUND 75mm-100mm AND ANCHOR WITH TWO 1.2 METRE STAR PICKETS OR STAKES. ANGLE THE FIRST STAR PICKET OR STAKE IN EACH BALE TOWARDS THE PREVIOUSLY LAID BALE. DRIVE THEM 600mm INTO THE GROUND AND, IF POSSIBLE, FLUSH WITH THE TOP OF THE BALES. WHERE STAR PICKETS ARE USED AND THEY PROTRUDE ABOVE THE BALES, ENSURE THEY ARE FITTED WITH SAFETY CAPS.
5. WHERE A STRAW BALE FILTER IS CONSTRUCTED DOWNSLOPE FROM A DISTURBED BATTER, ENSURE THE BALES ARE PLACED 1 TO 2 METRES DOWNSLOPE FROM THE TOE.
6. ESTABLISH A MAINTAINANCE PROGRAM THAT ENSURES THE INTEGRITY OF THE BALES IS RETAINED - THEY COULD REQUIRE REPLACEMENT EACH 2 TO 4 MONTHS.

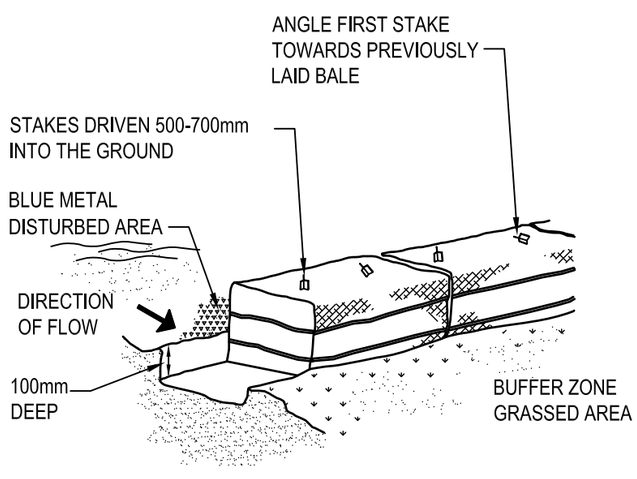
STRAW BALE FILTER

SCALE N.T.S.



PORTABLE GRAVEL KERB INLET SEDIMENT TRAP

NTS



HAYBALE BARRIERS

N.T.S.

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ABN - 82 526 345 262

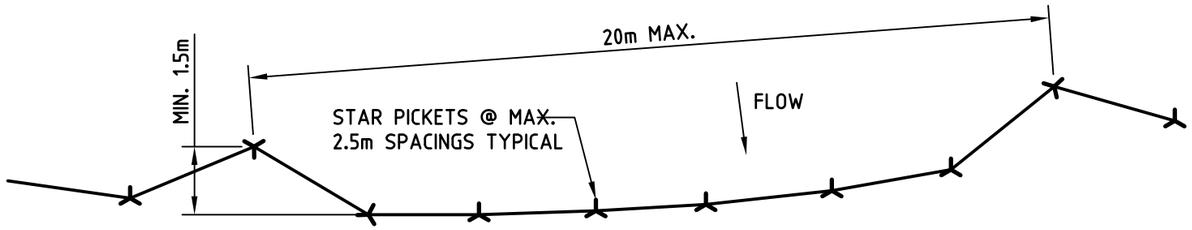
Project: ALTERATIONS AND ADDITIONS
9 LOLITA AVE, FORESTVILLE N.S.W.

Title: SEDIMENT AND EROSION DETAILS - SHEET 1

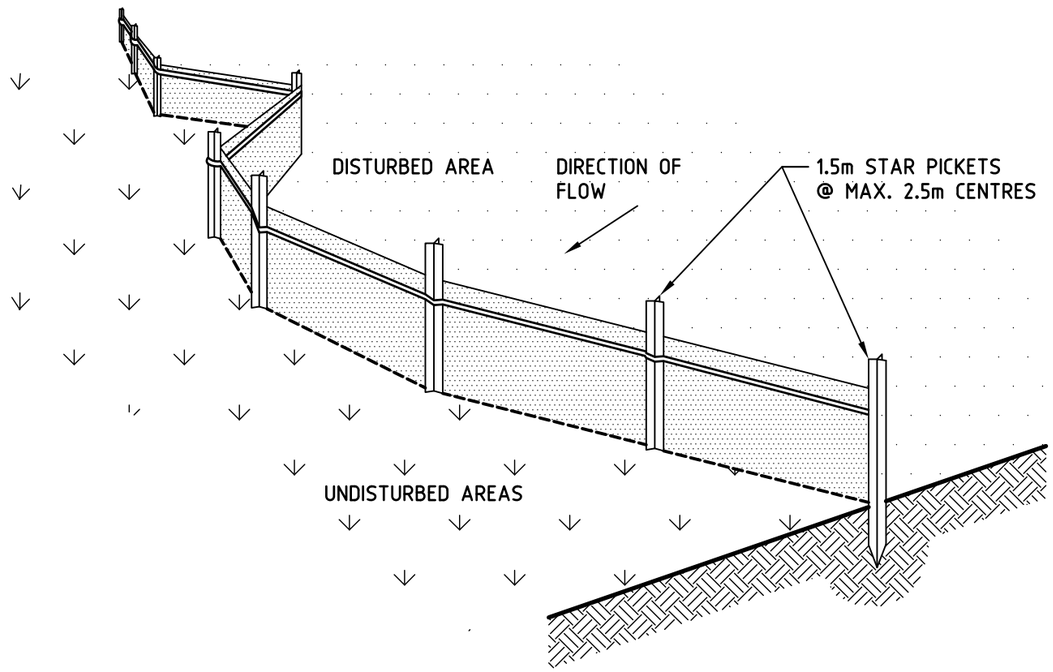
Drawn	Designed	Date
A.C.W.	E.G.	AUG 18'
Checked	Approved	Scale
E.G.	E.G.	NTS

Drawing number: 2017130-SE1.01

Revision: A



PLAN



SEDIMENT FENCE

SCALE N.T.S.

SEDIMENT FENCE CONSTRUCTION NOTES:

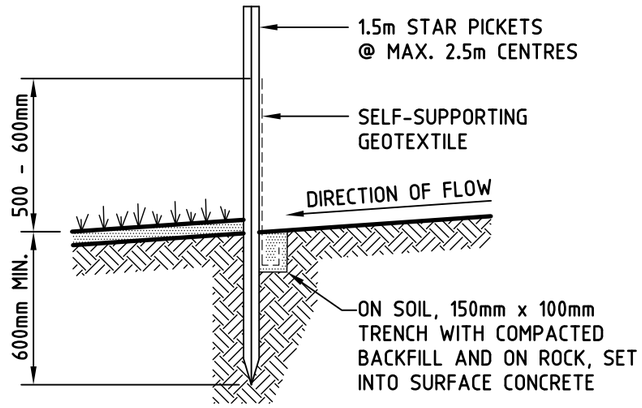
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.

2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.

3. 3. DRIVE 1.5m LONG STAR PICKETS INTO GROUND @ 2.5m INTERVALS (MAX.) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.

4. 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. 5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP. 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



SECTION DETAIL

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Title: SEDIMENT AND EROSION DETAILS - SHEET 2

Drawn	Designed	Date
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Checked	Approved	Scale
E.G.	E.G.	NTS

Drawing number: 2017130-SE1.02

Revision: A