

03 W.M. 01/12/14 A.M. 01/12/14 ISSUED FOR DA APPROVAL 02 W.M. 15/08/14 A.M. 15/08/14 ISSUED FOR COORDINATION 01 W.M. 23/07/14 A.M. 23/07/14 ISSUED FOR COORDINATION DATE VER. DATE DESCRIPTION



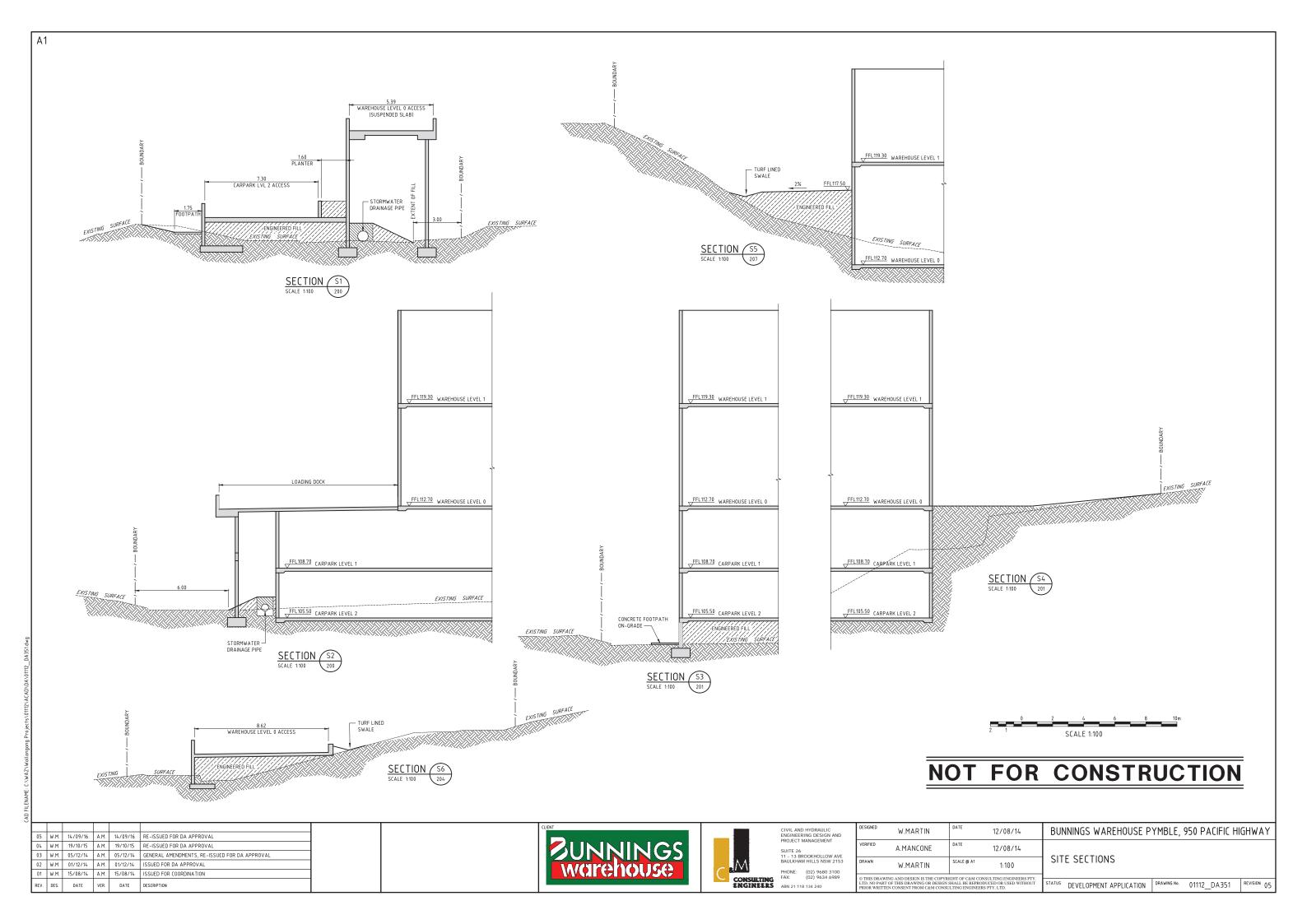


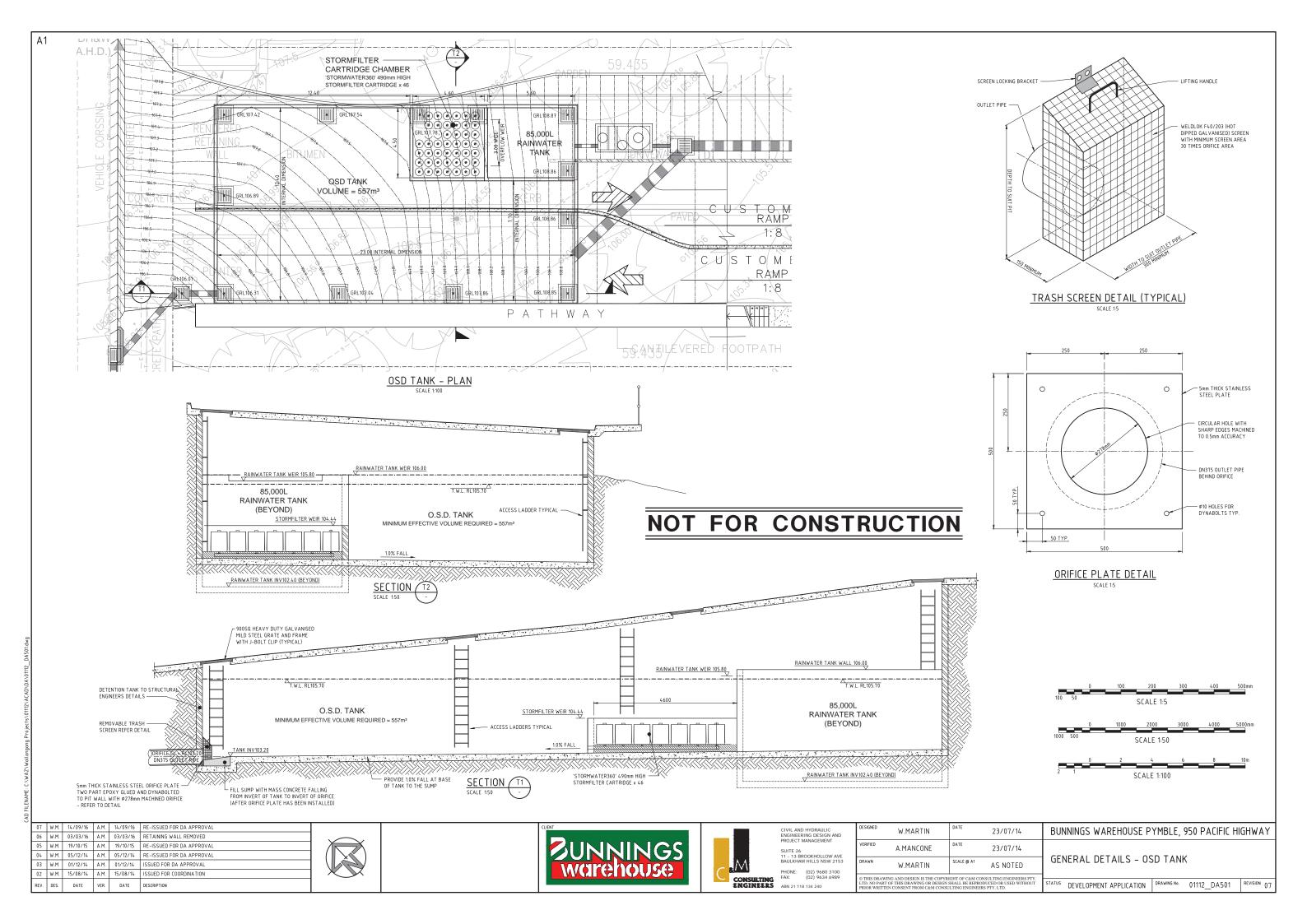


		OOKHOLLOW AVE HILLS NSW 215:
ING	PHONE: FAX:	(02) 9680 3100 (02) 9634 6989
ERS	ADM 21 110	124 240

ESIGNED	W.MARTIN	DATE	25/07/14	BUNNINGS WAREHO
ERIFIED	A.MANCONE	DATE	25/07/14	BULK EARTHWORK
RAWN	W.MARTIN	SCALE @ A1	1:400	CUT / FILL PLAN
THIS DDAY	VING AND DESIGN IS THE COPYR	IGHT OF CAM CO	MISHI TING ENGINEEDS DTV	
	T OF THIS DRAWING OF DESIGN			CTATUS

25/07/14	BUNNINGS WAREHOUSE PYMBLE, 950 PACIFIC HIGHWAY
25/07/14	BULK EARTHWORKS
1:400	CUT / FILL PLAN & QUANTITIES
LTING ENGINEERS PTY. CED OR USED WITHOUT TY. LTD.	STATUS DEVELOPMENT APPLICATION DRAWING No. 01112_DA231 REVISION 06





ENVIRONMENTAL CONTROL NOTES:

EROSION AND SEDIMENT CONTROL

01 W.M. 23/07/14 A.M. 23/07/14 ISSUED FOR COORDINATION

VER. DATE

DATE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION TO THE SATISFACTION OF COUNCIL, THE RELEVANT STATE AUTHORITIES AND THE SUPERINTENDENT. TO THIS END, THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE DRAWINGS SHALL ONLY BE USED AS A GUIDE BY THE CONTRACTOR, AND SHALL REPRESENT THE MINIMUM REQUIREMENT ONLY.

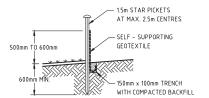
 2. NO CONSTRUCTION WORKS ARE TO COMMENCE ON SITE UNTIL ALL EROSION AND SEDIMENT CONTROL
- MEASURES ARE IN PLACE AND HAVE BEEN INSPECTED AND APPROVED BY THE COUNCIL ENGINEER AND/OR SUPERINTENDENT
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REGULARLY INSPECTED, IN PARTICULAR AFTER STORMS, AND REPAIRED OR MAINTAINED AS REQUIRED TO ENSURE THE MEASURES CORRECT AND EFFICIENT FUNCTION THROUGHOUT THE DURATION OF THE WORKS, UNTIL SUCH TIME AS THE COUNCIL ENGINEER AND/ORSUPERINTENDENT AUTHORISES THE REMOVAL OF SUCH MEASURES.
- ALL STOCKPILES SHALL BE CLEAR OF ALL TREES AND DRAINAGE LINES (INCLUDING OVERLAND FLOW PATHS)
- AND PROTECTED FROM EROSION.
 5. N THE CASE OF THE TEMPORARY CONSTRUCTION EXIT, THE CONTRACTOR SHALL UNDERTAKE WEEKLY SURFACE CLEANING BY DRAG BROOM OR EQUIVALENT, TO REMOVE ALL BUILD UP OF FOREIGN MATERIAL TO THE SATISFACTION OF THE SUPERINTENDENT.

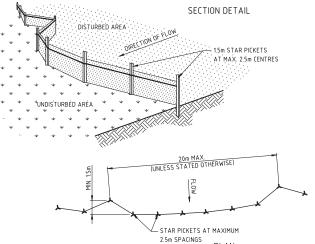
TRAFFIC CONTROLS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF TRAFFICS INCLUDING VEHICLES AND PEDESTRIANS TO THE SATISFACTION OF COUNCIL, THE RELEVANT STATE AUTHORITIES AND THE SUPERINTENDENT.
 2. THE CONTRACTOR IS TO PREPARE A TRAFFIC MANAGEMENT PLAN TO THE
- REQUIREMENTS OF THE RMS TRAFFIC CONTROL AT WORK SITE, AS 1742 AUSTRALIAN STANDARD MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND LOCAL COUNCIL STANDARDS.

OTHER ENVIRONMENTAL CONTROLS

OTHER ENVIRONMENTAL CONTROLS LIKE NOISE, DUST, VIBRATION, FLORA & FAUNA FIRE, HAZMAT, AND CONTAMINATIONS MUST BE CONTROLLED TO THE REQUIREMENT OF THE COUNCIL AND THE RELEVANT STATE AUTHORITIES.





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 LITTES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
- THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.

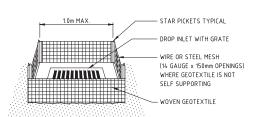
 2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.

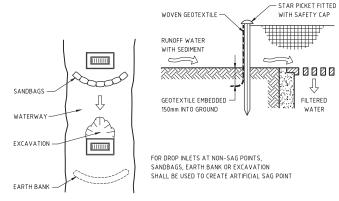
 3. DRIVE 15 METRE LONG STAR PICKETS INTO THE GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH, ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.

 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.





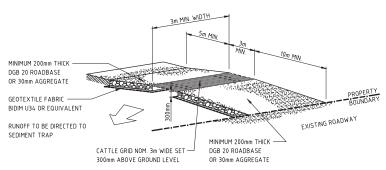
CONSTRUCTION NOTES:

- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
 IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH
- BANKS AS SHOWN IN THE DRAWING.
- 3. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER DETAIL

FOR PITS WITHIN LANDSCAPED AREAS NOT TO SCALE

SEDIMENT FENCE DETAIL



GEOFABRIC MAY BE A WOVEN OR NEEDLE-PUNCHED PRODUCT WITH A MINIMUM CBR BURST STRENGTH (AS3706.4-90) OF 2500 N

CONSTRUCTION NOTES:

- L STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.

 COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.

 COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.

 CONSTRUCT A 200mm THICK PAD DVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.

 ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3m WIDE.

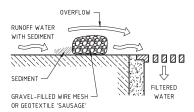
 WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.

NOT FOR CONSTRUCTION

STABILISED SITE ACCESS WITH SHAKER GRID DETAIL



GEOTEXTILE 'SAUSAGES' OVERLAP



CONSTRUCTION NOTES:

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 DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE
 TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER DETAIL

FOR PITS WITHIN PAVEMENT AREAS

NOT TO SCALE

SCALE 1:500

14/09/16 A.M. 14/09/16 RE-ISSUED FOR DA APPROVAL 05 W.M. 19/10/15 A.M. 19/10/15 RE-ISSUED FOR DA APPROVAL 04 W.M. 05/12/14 A.M. 05/12/14 AREA TO BE CLEARED AMENDED, RE-ISSUED FOR DA APPROVAL 03 W.M. 01/12/14 A.M. 01/12/14 ISSUED FOR DA APPROVAL 02 W.M. 15/08/14 A.M. 15/08/14 ISSUED FOR COORDINATION

DESCRIPTION







VERIFIED	A.MANCONE	DATE	23/07/14			0 T D 0.	D 0 D.	
DRAWN	W.MARTIN	SCALE @ A1	AS NOTED	SEL	DIMENT & EROSION C	UNTRUL	PLAN & DE	AILS
LTD. NO PART OF	AND DESIGN IS THE COPYR THIS DRAWING OR DESIGN CONSENT FROM C&M CONSU	SHALL BE REPROD	UCED OR USED WITHOUT	STATUS	DEVELOPMENT APPLICATION	DRAWING No.	01112_DA631	REVISION 06

W.MARTIN

23/0)7/14	BUNNINGS WAREHOUSE PYMBLE, 950 PACIFIC HIGHWAY
23/0)7/14	
^{@ A1} AS N	OTED	SEDIMENT & EROSION CONTROL PLAN & DETAILS

ENVIRONMENTAL CONTROL NOTES:

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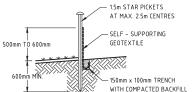
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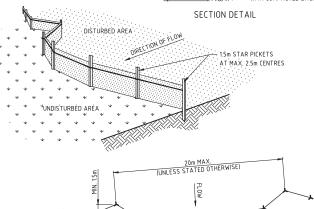
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TEPSICH LINT THE GEOTETY!! E LITTLE MUST TIES ON THE MANIFEACTIOPED, DAILY LISE GEOTETY!! E

STAR PICKETS AT MAXIMUM

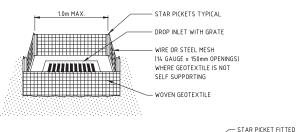
2.5m SPACINGS

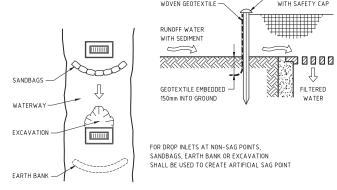
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SEDIMENT FENCE DETAIL



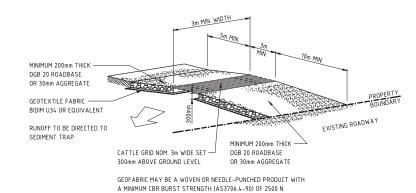


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GEOTEXTILE INLET FILTER DETAIL

FOR PITS WITHIN LANDSCAPED AREAS NOT TO SCALE



CONSTRUCTION NOTES:

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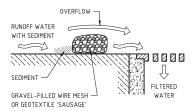
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STABILISED SITE ACCESS WITH SHAKER GRID DETAIL



GEOTEXTILE 'SAUSAGES' OVERLAP

FILTERED



CONSTRUCTION NOTES:

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GEOTEXTILE INLET FILTER DETAIL

FOR PITS WITHIN PAVEMENT AREAS

NOT TO SCALE



04	W.M.	14/09/16	A.M.	14/09/16	RE-ISSUED FOR DA APPROVAL
03	W.M.	04/03/15	A.M.	04/03/15	ISSUED FOR DA APPROVAL
02	W.M.	13/05/14	A.M.	13/05/14	ISSUED FOR DA APPROVAL
01	W.M.	14/02/14	A.M.	14/02/14	ISSUED FOR DA APPROVAL
REV.	DES.	DATE	VER.	DATE	DESCRIPTION







	W.MARTIN		14/02/1
VERIFIED	A.MANCONE	DATE	14/02/1
DRAWN	W.MARTIN	SCALE @ A1	1:500

BUNNINGS WAREHOUSE PYMBLE, 950 PACIFIC HIGHWAY ENVIRONMENTAL SITE MANAGEMENT PLAN **DEMOLITION WORKS** SEDIMENT & EROSION CONTROL PLAN & DETAILS STATUS DEVELOPMENT APPLICATION DRAWING No. 01112 DA701 REVISION 04

