



NO.	REVISION	DATE

ACCON ENGINEERS

PO Box 307 Minto, NSW 2566 Ph. 02 8712 1487 Email: info@acconengineers.com.au

PROJECT

Proposed Alterations and Additions to Existing Dwelling at 24 Edinburgh Road, Forestville

CLIENT

Tim Hammond

TITLE

Concept Stormwater Management Plan

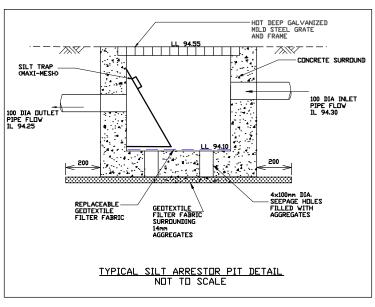
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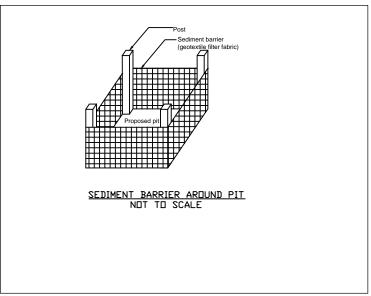
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AS MIEAust

	<u>DATE</u> 27/11/2019	SWD91106
	1 : 200 @ A3	SHEET 1 of 2





REDUCE EROSION CONTROL SEDIMENT ON A BUILDING OR CONSTRUCTION SITE

- . SITE WORKS WILL NOT START UNTIL THE EROSION AND SEDIMENT CONTROL WORKS.
- SEDIMENT FENCES AND BARRIER FENCES WILL BE INSTALLED AS SHOWN ON THE ATTACHED DRAWING.
- TOP SOIL FROM THE WORK'S AREA WILL BE STRIPPED AND STOCKPILED FOR LATER USE IN LANDSCAPING THE SITE.
- ALL STOCK PILES WILL BE REPLACED IN THE LOCATION SHOWN ON THE ESCP AT LEAST 2 METRES CLEAR OF ALL AREAS OF POSSIBLE AREAS OF CONCENTRATED WATER FLOW, INCLUDING DRIVEWAYS.
- LANDS TO THE REAR OF THE ALLOTMENT AND ON THE FOOTPATH WILL NOT BE DISTURBED DURING WORKS EXCEPT WHERE ESSENTIAL WHERE WORKS ARE NECESSARY, THEY WILL BE UNDERTAKEN IN SUCH A WAY TO MINIMISE THE OCCURRENCE OF SOIL EROSION, EVEN FOR SHORT PERIODS. THEY WILL BE REHABILITATED (GRASSED) AS SOON AS POSSIBLE. STOCKPILES WILL NOT BE PLACED ON THESE LANDS AND THEY WILL NOT BE USED AS VEHICLE PARKING AREAS.
- APPROVED BINS FOR BUILDING WASTE,CONCRETE AND MORTAR SLURRIES,PAINTS,ACID WASHING AND LITTER WILL BE PROVIDED AND ARRANGEMENTS MADE FOR REGULAR COLLECTION AND DISPOSAL.
- GUTTERING WILL BE CONNECTED TO THE STORMWATER SYSTEM AS SOON AS PRACTICABLE.
- TOPSDIL WILL BE RESPREAD AND ALL DISTURBED AREAS WILL BE STABILISED WITHIN 20 WORKING DAYS OF THE COMPLETION OF WORKS.
- ALL EROSION AND SEDIMENT CONTROLS WILL BE CHECKED AT LEAST WEEKLY AND AFTER RAIN TO ENSURE THEY ARE MAINTAINED IN A FULLY FUNCTIONAL CONDITION.

<u>BUILDERS/ DEVELOPERS HAVE THE _ RESPONSIBILITY TO MANAGE THE FOLLOWING POLLUTION SOURCES:</u>

- AIR POLLUTION, INCLUDING DUST

 NOISE THAT MIGHT INTERFERE WITH NEIGHBOURING PROPERTIES

 WASTE DISCHARGES INCLUDING EROSION LEAKAGE OR SPILLS OF CONSTRUCTION MATERIALS, SOIL, SAND, GRAVEL SLURRIES AND CONCRETE

 TRADE AND DOMESTIC RUBBISH, INCLUDING LITTER PACKAGING OFF-CUTS AND SPOILED MATERIALS

 TOXIC CHEMICLAS, INCLUDING FUELS, PAINTS, SOLVENTS, SEALANTS, ADHESIVES' LUBRICANTS AND ADHESIVES.

- DRAINAGE NOTES:

 STORMWATER PIPES ARE TO BE U.P.V.C. SEWER GRADE AND SHALL BE INSTALLED IN ACCORDANCE

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 ALL DOWNPIPES ARE TO BE SEALED AND GLUED JOINTS

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 GENERAL LAYDUT ONLY, BUILDER TO CONFIRM LAYDUT AND LEVELS

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 BUILDER TO CONFIRM EXISTING STORMWATER LAYDUT AND LEVELS

 CONSTRUCTION. IF EXITING PIPES FOUND NOT SUFFICIENT UPGRADE AS PER AS3500

 REQUIREMENTS.

 LOCATION OF DOWNPIPES AND STORMWATER PIPES ARE INDICATIVE ONLY, BUILDER TO CONFIRM AT SITE BEFORE CONSTRUCTION

 HYDRAULIC ENGINEER IS TO BE CONTACTED TO UNDERTAKE AN INSPECTION OF THE INTERNAL DRAINAGE LINES PRIOR TO BACKFILLING AND AT COMPLETION OF WORKS IN ORDER TO PROVIDE CERTIFICATION

 ALL LEVELS ARE IN M AND

 BUILDER TO CONFIRM THAT EXISTING STORMWATER LINE IS NOT CONNECTED WITH SEWER LINE

 PROVIDE CLEANING EYE PIT AT CHARGED LINES FOR FUTURE MAINTENANCE PURPOSE

 SUBSOIL DRAINAGE TO BE INSTALLED WHERE REQUIRED AS PER AS 3500

 PROVIDE ADEQUATE COVER TO ALL STORMWATER PIPES

 BUILDER TO FINDOUT INVERT LEVEL AT THE EXISTING STORMWATER PIPE AND COUNCIL

 STORMWATER PIPE CONNECTION POINT BEFORE CONSTRUCTION

 DESIGN IS LIMITED TO STORMWATER DISPOSAL OF THE PROPOSED DEVELOPMENT ONLY.ALL

 EXTERNAL SURFACE FLOWS ON DNIT FORM PART OF THIS DESIGN

 ALL STORMWATER DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL DCP AND RELEVANT POLICIES

- PIT NOTE:

 CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 20 MPA AT 28 DAYS.

 ALL PITS GREATER THAN 1200 MM DEPTH (FROM GREAT TO INVERT) ARE TO PROVIDE STEP IRONS

 STRUCTURAL ENGINEERS DESIGN CERTIFICATE IS REQUIRED FOR PITS WHERE DEPTHS ARE GREATER THAN 900 MM.

 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

 ALL PITS SHALL BE MAINTAINED REGULARLY

- NOTE ON SEDIMENT BARRIER AROUND PIT:

 FABRICATE A SEDIMENT BARRIER MADE FROM GEDTEXTILE.

 SUPPORT GEDTEXTILE WITH MESH TIED TO THE POSTS AT 1000 MM CENTERS.

 DO NOT COVER INLET WITH GEDTEXTILE

- SEDIMENT FENCE NOTE:

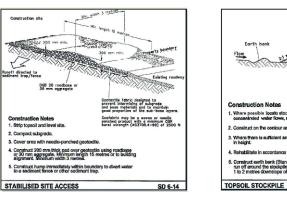
 SEDIMENT CONTROL DEVICES ARE TO BE IN PLACE PRIOR TO ANY DEMOLITION OR CONSTRUCTION.
 CONSTRUCT A SILT BARRIER FENCE AS SHOWN ON PLAN AND TO DETAILS AS ABOVE.
- ABOVE.

 SEDIMENT CONTROL DEVICES ARE TO BE MAINTAINED IN GOOD WORKING ORDER UNTIL COMPLETION OF ALL SITE WORKS OR TO THE SATISFACTION OF THE COUNCIL SUPERVISING OFFICER.

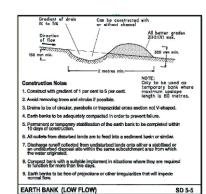
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0 RESTRICT VEHICLE LIMIT DISTURBANCE WHEN EXCAVATING MOVEMENTS TO A STABLISED ACCESS DIVERT UPSLOPE Preserve as much of the vegetated area as possible. Vegetation improves the appearance of the site, greatly educes the erosion hazard and can be a very effective natural sediment filter. The erosion hozard of well-veget STORMWATE WASTE AND LITTER IN A DESIGNATED AREA Store all hard waste and litter on the site in a way that will INSTALL A SEDIMENT FENCE LEAVE THE FOOTPATH VEGETATED WASH EQUIPMENT IN DESIGNATED AREA PLACE SANDS AND SOIL STOCKPILES BEHIND A SEDIMENT FENCE

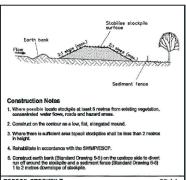
SITE SEDIMENT CONTROL
NOT TO SCALE

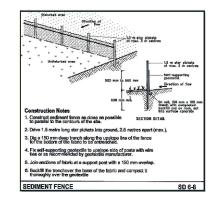


STABILISED SITE ACCESS
NOT TO SCALE



EARTH BANK (LOW FLOW)





SEDIMENT FENCE NOT TO SCALE



1	DPS and RWT LOCATION	20/11/2019
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Sediment Control Plan

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