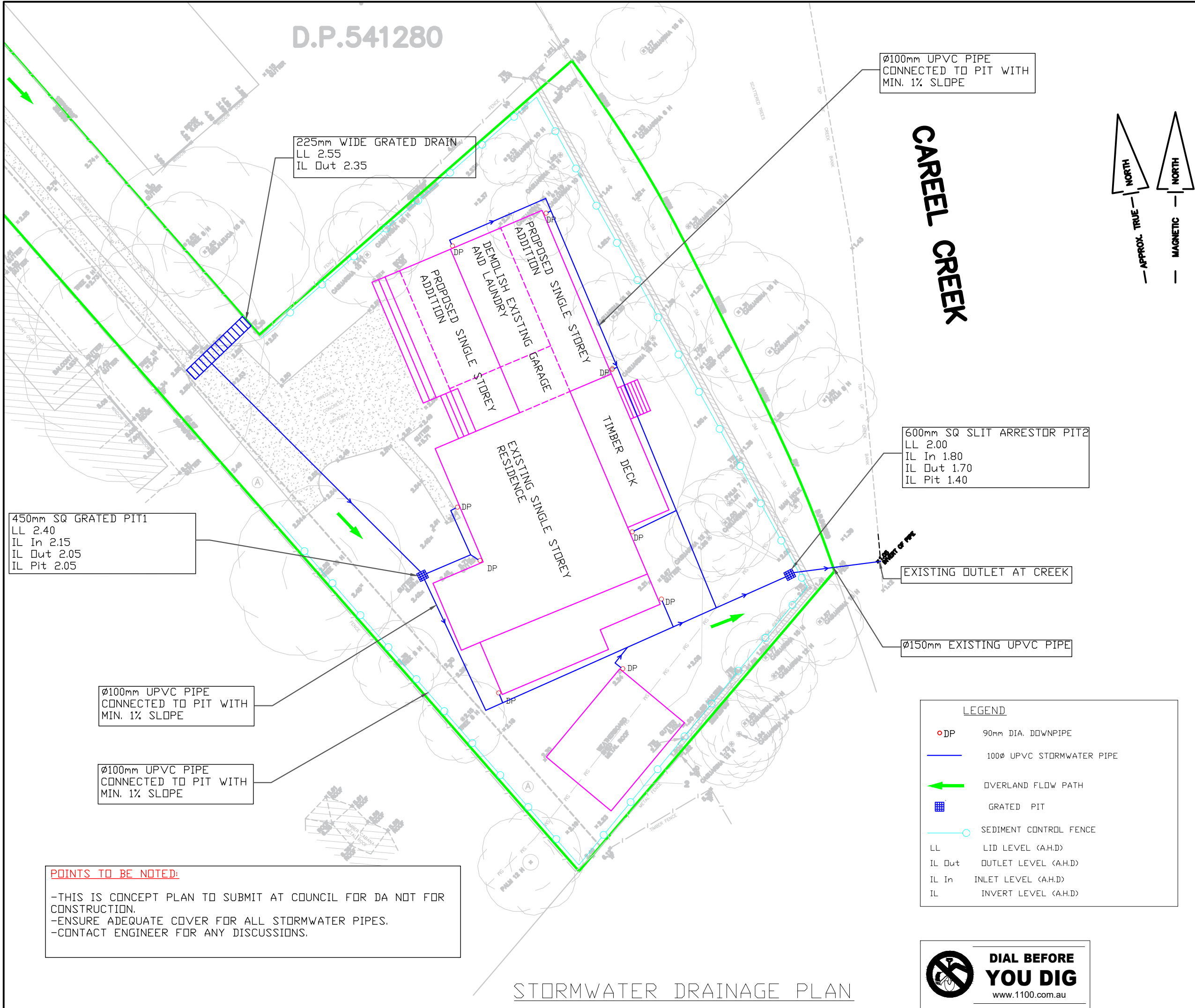




NO.	REVISION	DATE

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PROJECT
Proposed Alterations and
Additions at 1A Elvina Avenue,
Avalon Beach

CLIENT
Mr. Tim Parry

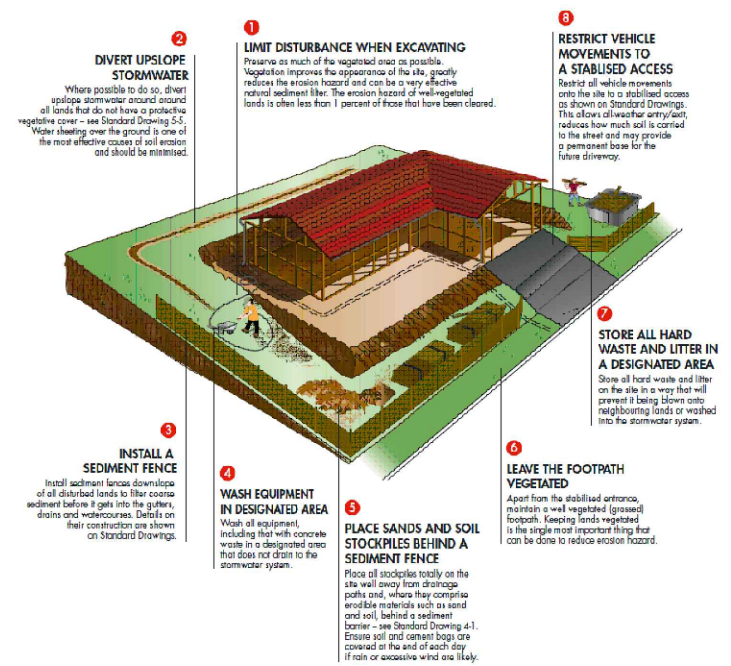
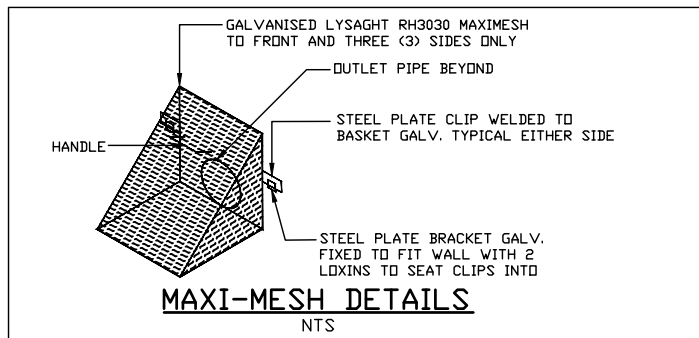
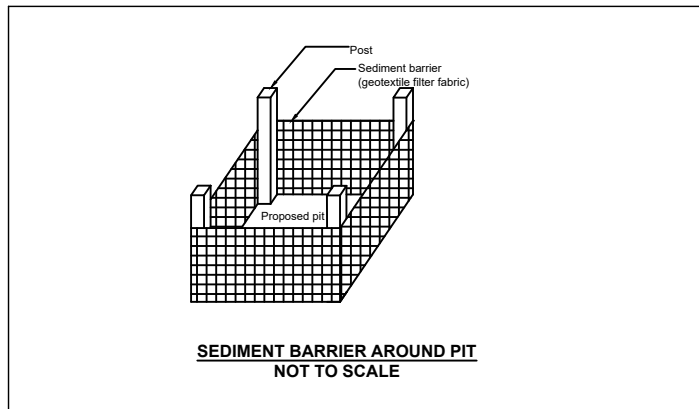
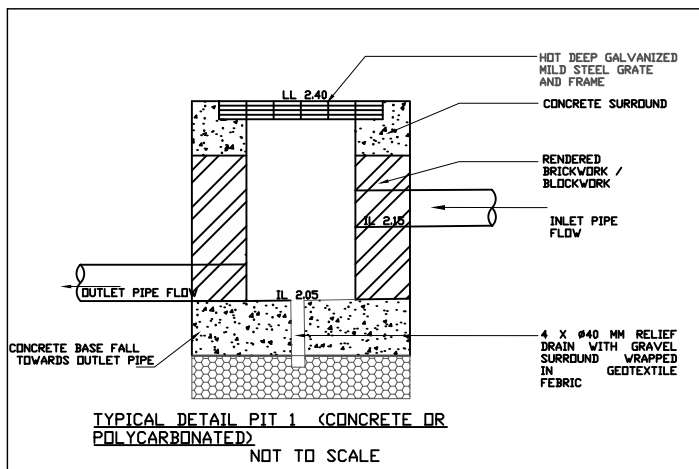
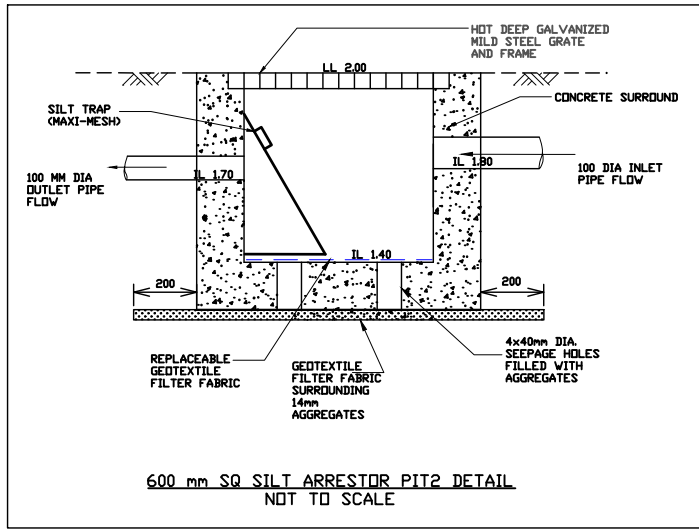
TITLE
Concept Stormwater
Management Plan

DRAWN BY
Anil Shrestha MIEAust, NER
Professional Engg.Civil, NSW
PRE00001729
Design Practioner (Civil &
Drainage) DEP00002677

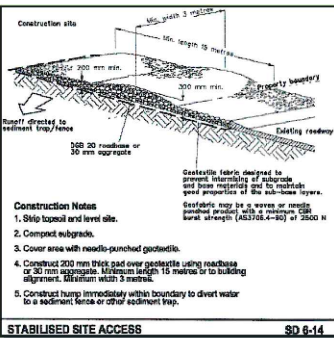
DESIGNED & APPROVED BY
Anil Shrestha MIEAust, NER
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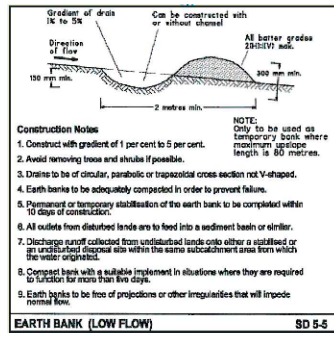




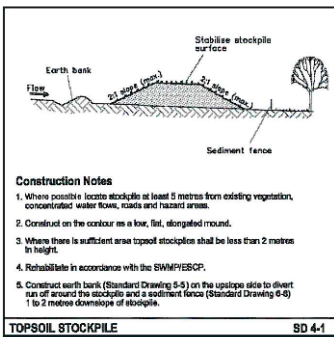
**SITE SEDIMENT CONTROL
NOT TO SCALE**



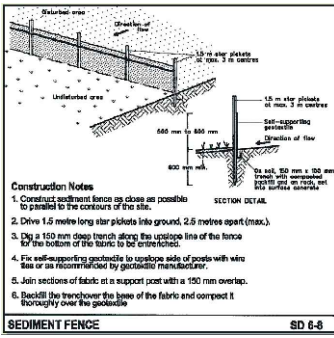
**STABILISED SITE ACCESS
NOT TO SCALE**



**EARTH BANK (LOW FLOW)
NOT TO SCALE**



**TOPSOIL STOCKPILE
NOT TO SCALE**



**SEDIMENT FENCE
NOT TO SCALE**

REDUCE EROSION CONTROL SEDIMENT ON A BUILDING OR CONSTRUCTION SITE

SITE SEDIMENT CONTROL

- 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.
- TOPSOIL 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.

BUILDERS/ DEVELOPERS HAVE THE RESPONSIBILITY TO MANAGE THE FOLLOWING POLLUTION SOURCES:

- 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 CHEMICALS, 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 WITH AS 3500
- ALL DOWNPIPES ARE TO BE SEALED AND GLUED JOINTS
- STORMWATER PIPES TO BE LAID AT A MINIMUM GRADE OF 1% UNLESS NOTED OTHERWISE
- GENERAL LAYOUT ONLY, BUILDER TO CONFIRM LAYOUT AND LEVELS
- BUILDER TO CONFIRM EXISTING STORMWATER LAYOUT, PIPE SIZE AND SERVICEABILITY BEFORE CONSTRUCTION. IF EXISTING 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 AHD
- PROVIDE CLEANING EYE PIT AT ALL CHARGED LINES FOR FUTURE MAINTENANCE PURPOSE
- SUBSOIL DRAINAGE TO BE INSTALLED WHERE REQUIRED AS PER AS 3500
- PROVIDE ADEQUATE COVER TO ALL STORMWATER PIPES

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 GEOTEXTILE.
- SUPPORT GEOTEXTILE WITH MESH TIED TO THE POSTS AT 1000 MM CENTERS.
- DO NOT COVER INLET WITH GEOTEXTILE

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.
- 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.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN



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CLIENT

Mr. Tim Parry

TITLE

Sediment Control Plan

DRAWN BY

**Anil Shrestha MIEAust, NER Professional Engg.Civil, NSW PRE00001729
Design Practioner (Civil & Drainage) DEP00002677**

DESIGNED & APPROVED BY

**Anil Shrestha MIEAust, NER Professional Engg.Civil, NSW PRE00001729
Design Practioner (Civil & Drainage) DEP00002677**

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