

MATERIALS

FABRIC (LIGHT TRAFFIC AREAS):
HEAVY-DUTY, NEEDLE-PUNCHED,
NON-WOVEN FILTER CLOTH ('BIDIM'
A34 OR EQUIVALENT).

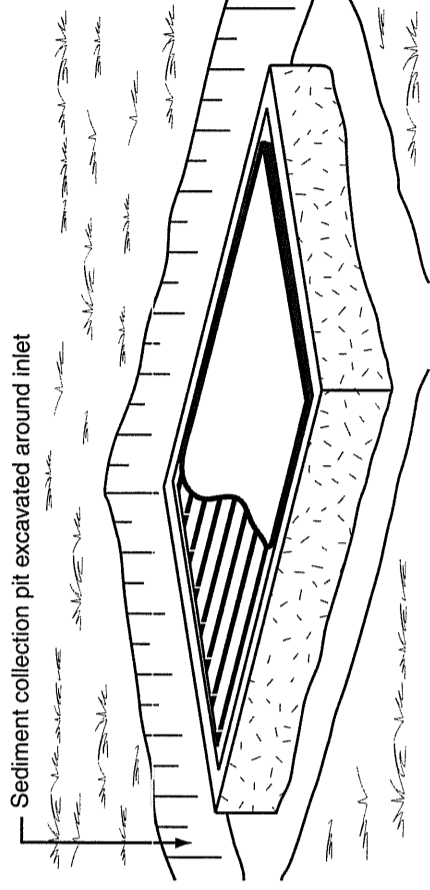
FABRIC (HEAVY TRAFFIC AREAS):
POLY-PROPYLENE, POLYAMIDE,
NYLON, POLYESTER, OR
POLYETHYLENE WOVEN OR
NON-WOVEN REINFORCED FABRIC.
THE FABRIC WIDTH SHOULD BE AT
LEAST 700mm, WITH A MINIMUM UNIT
WEIGHT OF 140g/m². FABRICS
SHOULD CONTAIN ULTRAVIOLET
INHIBITORS AND STABILISERS TO
PROVIDE A MINIMUM OF 6 MONTHS
OF USEABLE CONSTRUCTION LIFE
(ULTRAVIOLET STABILITY EXCEEDING
70%).

INSTALLATION

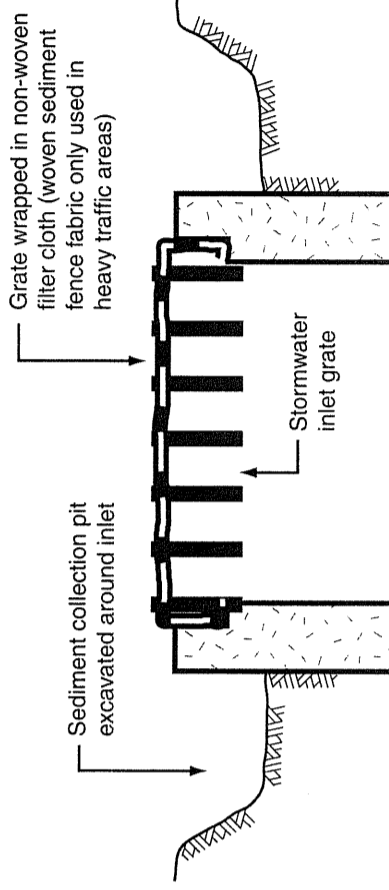
- REFER TO APPROVED PLANS FOR LOCATION AND DIMENSIONAL DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS OR METHOD OF INSTALLATION CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
- ENSURE THAT THE INSTALLATION OF THE SEDIMENT TRAP WILL NOT CAUSE UNDESIRABLE SAFETY OR FLOODING ISSUES.
- SELECT THE APPROPRIATE FABRIC FOR THE SITE CONDITIONS.

REMOVAL

- WHEN THE UP-SLOPE DRAINAGE AREA HAS BEEN STABILISED, REMOVE ALL MATERIALS INCLUDED DEPOSITED SEDIMENT AND DISPOSE OF IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.



(a) Fabric wrap drop inlet protection with trench



(b) Typical details of excavated sediment collection trench

MAINTENANCE

- INSPECT THE BARRIER AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT AND MAKE REPAIRS AS NEEDED TO THE SEDIMENT TRAP.
- REMOVE COLLECTED SEDIMENT AND DISPOSE OF IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.
- REPLACE THE FABRIC IF IT IS TORN OR DAMAGED.
- SEDIMENT DEPOSITS SHOULD BE REMOVED IMMEDIATELY IF THEY REPRESENT A SAFETY RISK.

REVISIONS

| NO. | DATE | DESCRIPTION | APPVD |
|---|----------|------------------------|-------|
| A | 18/11/11 | ISSUE FOR CONSTRUCTION | |
| AMENDMENTS AND REVISIONS | | | |
| FILE NAME DESIGNDOCUMENTS\SESC STD DRAWINGS\... | | | |

| | | | |
|----------------------------|--------|---------|----------------------|
| DRAWN | SIGNED | DATE | DIRECTOR |
| POL | POL | 24/2/14 | ENGINEERING SERVICES |
| DESIGNED | SIGNED | DATE | |
| POL | POL | 24/2/14 | |
| CHECKED | SIGNED | DATE | |
| | | | |
| MANAGER TECHNICAL SERVICES | | DATE | |
| G. HAWES RPEQ 5693 | | 21-2-11 | |

STUART HOLLEY RPEQ 5693

| | |
|--|--|
| SHEET 1 OF 1 | |
| WORKS JOB No. - | |
| DRAWING No. A3-6865 | |
| AMEND. A | |
| <p>Mackay REGIONAL COUNCIL</p> | |
| <p>GRATED STORMWATER (FIELD) INLET SEDIMENT TRAP</p> | |