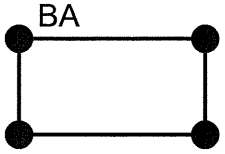
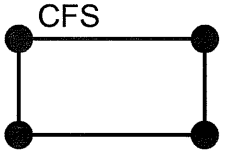
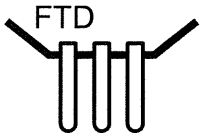
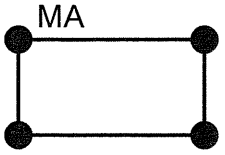
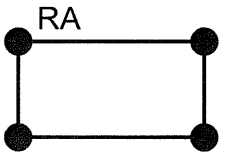
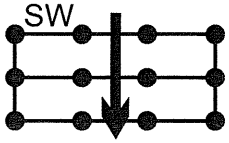
TEMPORARY (CONSTRUCTION PHASE) SEDIMENT CONTROLS PLACED AT THE ENTRANCE TO CULVERTS AND OPEN STORMWATER PIPES

TECHNIQUE	CODE	SYMBOL	
BLOCK & AGGREGATE SEDIMENT TRAP	BA		- TYPE 2 OR 3 SEDIMENT TRAP - SMALL TO MEDIUM CATCHMENT AREAS - IT IS USUALLY NECESSARY FOR THE BLOCK & AGGREGATE BARRIER TO BE CONSTRUCTED IN A MANNER THAT DOES NOT BLOCK, OR PARTIALLY BLOCK, THE PIPE OR CULVERT ENTRANCE. - FILTER CLOTH MAY BE PLACED BETWEEN THE AGGREGATE AND THE SUPPORT BLOCKS TO IMPROVE THE REMOVAL OF FINE SEDIMENTS. - HEAVY, SOLID TIMBER PLANTS CAN BE USED AS AN ALTERNATIVE TO CONCRETE BLOCKS.
COMPOST-FILLED FILTER SOCK	CFS		- FOR SMALL INLETS, THE COMPOST IS USUALLY CONTAINED WITHIN A LARGER-DIAMETER FILTER SOCK. - TECHNIQUES CAN INCLUDE FILTER SOCKS AND COMPOST BERMS. - LARGE COMPOST OR MULCH BERMS USUALLY REQUIRE TOO MUCH SPACE TO BE LOCATED AROUND MOST FIELD INTLETS.
FILTER TUBE DAM	FTD		- TYPE 2 OR 3 SEDIMENT TRAP - SMALL TO MEDIUM CATCHMENTS - FILTER TUBE USUALLY CAN EXTEND INTO THE PIPE OR CULVERT
MESH & AGGREGATE SEDIMENT TRAP	MA		- TYPE 2 OR 3 SEDIMENT TRAP - SMALL TO MEDIUM CATCHMENTS - DEPTH OF PONDING UPSTREAM OF THE INLET IS GOVERNED BY THE HEIGHT OF THE AGGREGATE FILTER PLACED IN FRONT OF THE WIRE MESH
ROCK & AGGREGATE DROP INLET PROTECTION	RA		- TYPE 2 OR 3 SEDIMENT TRAP - BEST USED IN COARSE-GRAINED (ie LOW CLAY) SOIL AREAS - LOCATIONS WHERE SPACE IS NOT CRITICAL AS THESE STRUCTURES HAVE A LARGE FOOTPRINT.
SEDIMENT FENCE (WOVEN OR NON-WOVEN)	SF		- TYPE 3 SEDIMENT TRAP - NOT RECOMMENDED UNLESS THERE IS A VERY HIGH EXPECTATION THAT FLOWS WILL BE VERY LOW. - NOT SUITABLE FOR CULVERT INLETS.
SEDIMENT WEIR	SW		- TYPE 2 OR 3 SEDIMENT TRAP - GENERALLY STRONGER THAN A MESH & AGGREGATE SEDIMENT TRAP - BEST USED WHEN HIGH FLOW RATES ARE EXPECTED - BEST RESULTS ARE ACHIEVED WHEN FILTER TUBES ARE INCORPORATED INTO THE WEIR.

NO	DATE	DESCRIPTION	APPVD
A	8/8/11	ISSUE FOR CONSTRUCTION	-

AMENDMENTS AND REVISIONS

The content of this standard drawing has been extracted from the "Erosion & Sediment Control - A Field Guide for Construction Site Managers" (Feb 2010)

FILE NAME DESIGN\DOCUMENTS\SESC STD DRAWINGS\...

DRAWN F. KROLL	SIGNED	DATE 8/8/11
DESIGNED PDG	SIGNED PDG	DATE 24/6/11
CHECKED	SIGNED	DATE

MANAGER TECHNICAL SERVICES
G. HAWES RPEQ 5693 DATE 21/8/11

DIRECTOR ENGINEERING SERVICES
STUART HOLLEY RPEQ 8940
DATE 21.11.11

Mackay REGIONAL COUNCIL

WORKS JOB No.	DRAWING No.	AMEND.
-	A4-00337	A

STANDARD
SEDIMENT CONTROL
FOR PIPE AND CULVERT INLETS