



- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
  2. DIMENSION X IS THE EXTERNAL DIAMETER OF THE PIPE.
  3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH APPENDIX 5/1 & CL 518. 4.
  4. DIMENSION Y IS MINIMUM TRENCH WIDTH. THIS IS (X+300) FOR DRAINS NOT EXCEEDING 1500 DEPTH OF COVER BELOW FINISHED LEVEL AND (X+450) FOR DRAINS EXCEEDING 1500 DEPTH OF COVER BELOW FINISHED LEVEL.
  5. GEOTEXTILE SHALL BE A THERMALLY BONDED NON-WOVEN MATERIAL (TERAM 1000 OR EQUIVALENT).
  6. PIPES SHALL COMPLY WITH THE REQUIREMENTS OF FILTER DRAIN PIPES IN TABLE 5/1 OF THE SPECIFICATION FOR HIGHWAY WORKS.
  7. PIPES ARE TO BE LAID WITH SLOTS OR PERFORATIONS DOWNWARDS UNLESS OTHERWISE DESCRIBED IN APPENDIX 5/1. GENERALLY A DISPERSAL DRAIN SHOULD BE LAID WITH THE SLOTS/PERFORATIONS DOWNWARD AND A COLLECTOR DRAIN SHOULD BE LAID WITH THE SLOTS/PERFORATIONS UPWARD.
  8. THE PREFERENCE IS FOR RECYCLED PLASTIC TWINWALL DRAINAGE PIPES TO BE USED.

**LEGEND**

- TYPE B FILTER MATERIAL TO CLAUSE 505
- GRANULAR MATERIAL TO CLAUSE 503.3(i)
- GEOTEXTILE MATERIAL SEE NOTE 5.

FILTER DRAINS ARE SHOWN ON THE SCHEME DRAWINGS BY THE FOLLOWING DESIGNATION:

PIPE SIZE IN mm (NOMINAL DIAMETER) FOLLOWED BY F FOR FILTER FOLLOWED BY TYPE REFERENCE.

EXAMPLE: 225F/1B = 225 DIA FILTER DRAIN TYPE 1B.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD
-	-	-	-	-	-

CONSULTANT

**Hampshire County Council Engineering CONSULTANCY**

STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

**STANDARD DETAILS**

DRAWING TITLE

**FILTER DRAINS DETAILS**

HCC CADplot: 18.Sep.2015 at 2:08pm		
DRAWN	CHECKED	SCALE @ A3
RB	WW, WW	N.T.S
CAD	APPROVED	DATE
RB	CP	July 2015
DRG No.	REVISION	
HCC10/D/010	-	

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