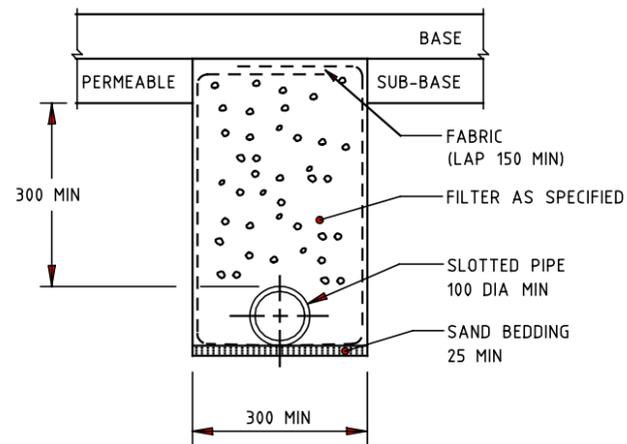
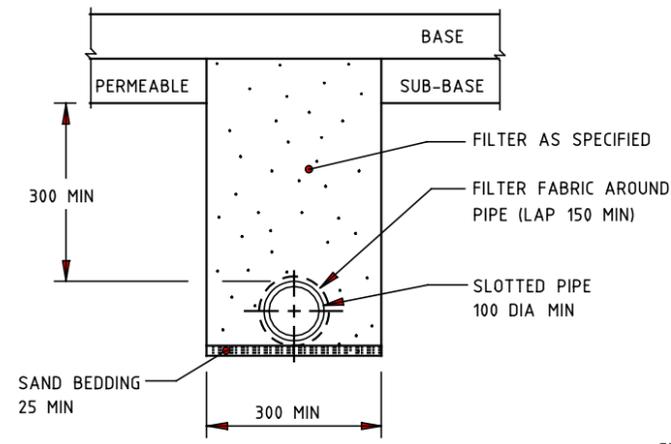


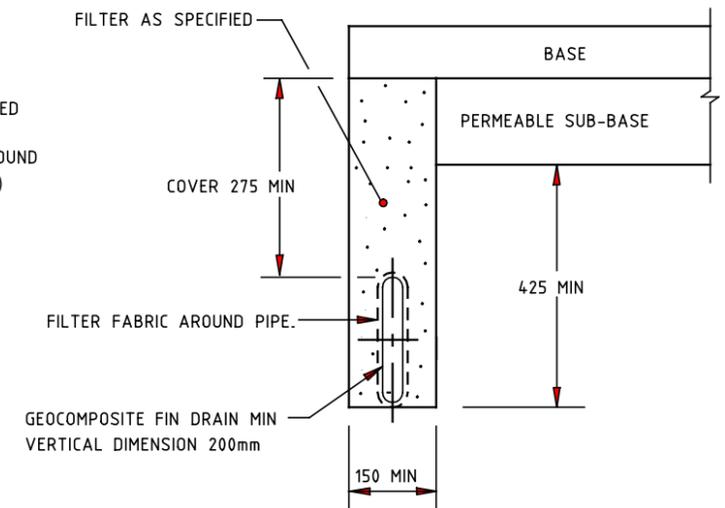
PAVEMENT DRAIN TYPE 1



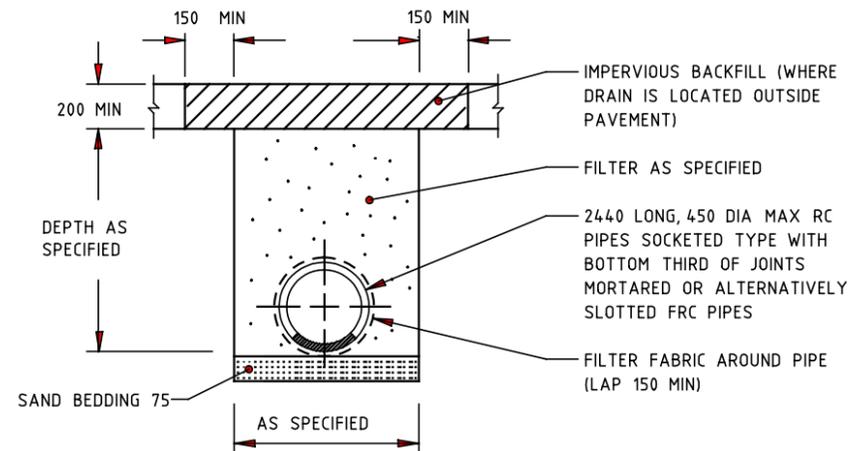
PAVEMENT DRAIN TYPE 2



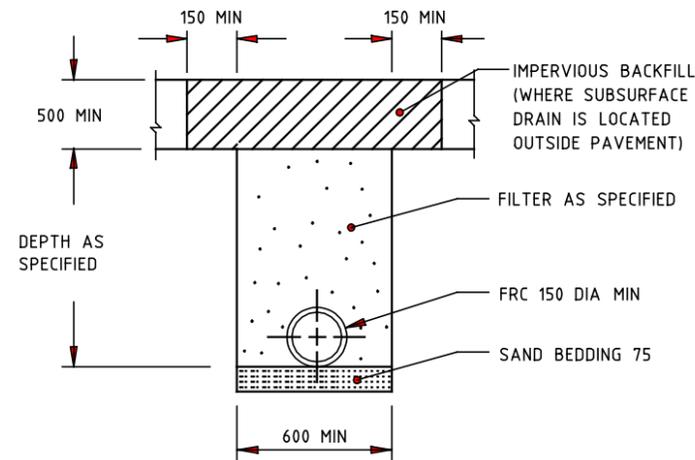
PAVEMENT DRAIN TYPE 3



PAVEMENT DRAIN TYPE 4  
(SEE NOTE 6)



COMBINED PAVEMENT AND  
STORMWATER DRAIN



FORMATION DRAIN

NOTES:

1. FABRIC, FILTER MATERIAL AND PIPE CATEGORY SHALL BE AS SPECIFIED.
2. LEVEL TRENCH BOTTOM WITH IMPERMEABLE MATERIAL TO REMOVE IRREGULARITIES.
3. FOR THE TREATMENT OF DRAINS FOUNDED ON ROCK SEE SPECIFICATIONS.
4. IF SUB-BASE IS NOT PLACED IMMEDIATELY, A 50mm CAP OF PERMEABLE SUB-BASE MATERIAL SHALL BE LAID ON THE FILTER MATERIAL AND COMPACTED.
5. SUBSURFACE DRAINS BENEATH OR WITHIN 1m OF THE ROAD SHALL BE 1000 kN/m/m CORRUGATED PERFORATED PLASTIC PIPE, FRC OR CONCRETE PIPE UNLESS SPECIFIED OTHERWISE.
6. GEOCOMPOSITE FIN DRAIN MAY BE PLACED ON ONE SIDE OF TRENCH LOCATED WITHIN THE PAVEMENT LAYERS OR IN GRANULAR SUBGRADE.

E			
D	J.B	1/8/02	SUBSURFACE DRAINAGE TRENCH HAS BEEN AMENDED TO EXTEND TO THE UNDERSIDE OF THE BASE LAYER.
C	J.C.	1/7/95	LENGTH OF RC PIPES
B	R.G.	3/94	NOTE 7 DELETED & LAP OF FILTER FABRIC AMENDED.
A	R.G.	10/93	NOTES 6, 7 & 8. PAVEMENT DRAIN TYPE 4 ADDED.
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES / CROSS REFERENCES	
1. SUBSURFACE DRAIN - PITS	SD 1611
2. SUBSURFACE DRAIN - LOCATION	SD 1621
3. SUBSURFACE DRAIN - ALTERNATIVE METHODS	SD 1622
4. PAVEMENT DRAIN - TERMINALS	SD 1631
5. SUBSURFACE DRAINS - LEGEND OF ALTERNATIVES	SD 1641
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE	

DESIGNED PRINCIPAL ROAD DESIGN ENGINEER	
APPROVED	
<i>Ross G...</i>	18-10-93
CATALOG: PRED	COMPUTER FILE
PROJECT: sddgnnew	sd-1601d.dgn

  
 ENGINEERING & TECHNOLOGY CONSULTANTS

SCALE OF METRES	HOR NOT TO SCALE	FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO. SD 1601	ISSUE D
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STANDARD DRAWING SUBSURFACE DRAIN TYPES					
FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO. SD 1601	ISSUE D	