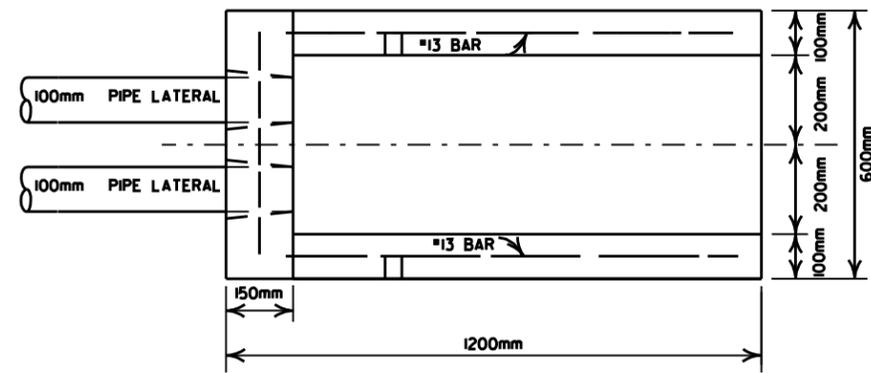
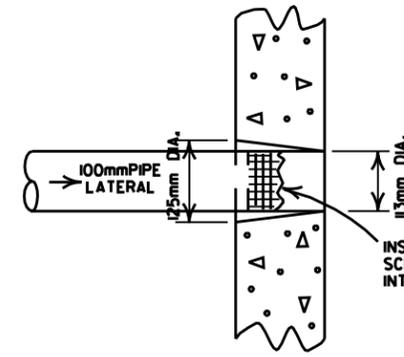


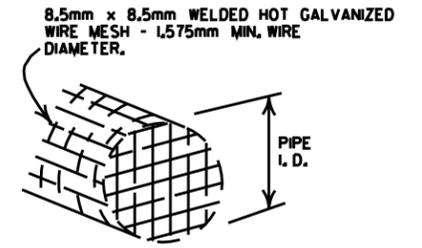
- NOTE:
 1. GRANULAR BACKFILL TO BE SUBSIDIARY TO PIPE UNDERDRAIN.
 2. UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE UNDERDRAIN COVER SHALL BE THOROUGHLY COMPACTED EARTH AND SHALL BE SUBSIDIARY TO PIPE UNDERDRAIN.
 3. GRANULAR MATERIAL SHALL BE WRAPPED WITH GEOTEXTILE FABRIC, LAP FABRIC 300mm OR THE WIDTH OF THE TRENCH AT THE TOP.



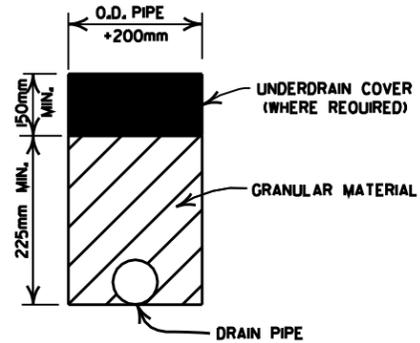
PLAN VIEW



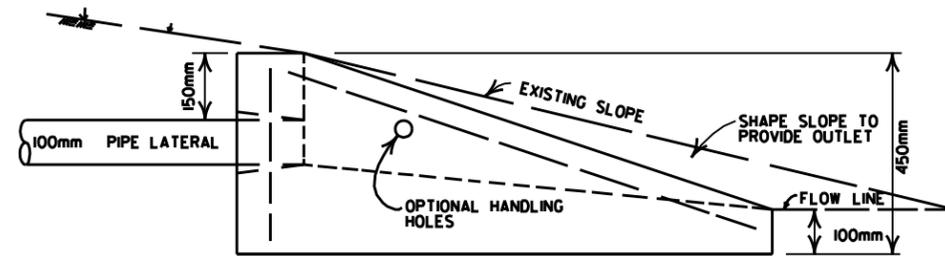
DETAIL OF HOLE FOR 100mm PIPE



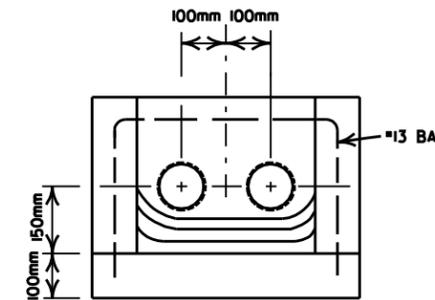
DETAIL OF RODENT SCREEN



DETAILS OF PIPE UNDERDRAIN

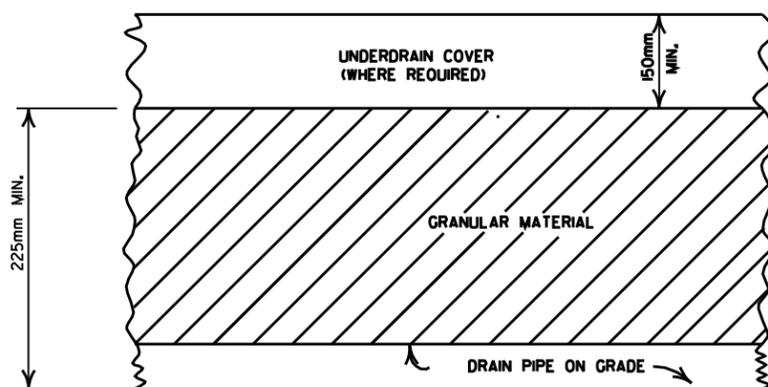


SIDE VIEW



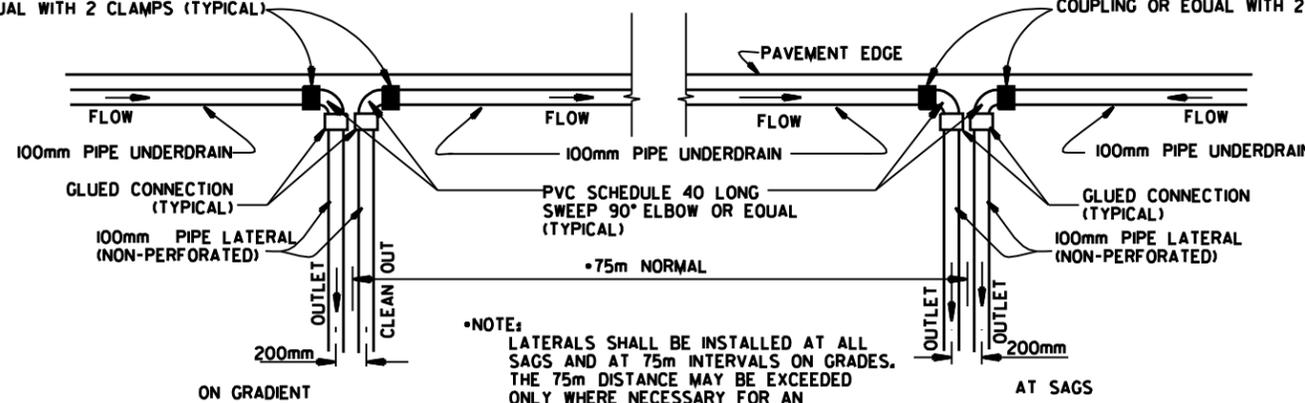
FRONT VIEW

UNDERDRAIN OUTLET PROTECTORS



FERNCO 1056-44 (100mm CI/PLASTIC) OR
 FERNCO 1051-44 (100mm AC/DI OR 100mm CI/PLASTIC)
 COUPLING OR EQUAL WITH 2 CLAMPS (TYPICAL)

FERNCO 1056-44 (100mm CI/PLASTIC) OR
 FERNCO 1051-44 (100mm AC/DI OR 100mm CI/PLASTIC)
 COUPLING OR EQUAL WITH 2 CLAMPS (TYPICAL)



NOTE:
 LATERALS SHALL BE INSTALLED AT ALL SAGS AND AT 75m INTERVALS ON GRADES. THE 75m DISTANCE MAY BE EXCEEDED ONLY WHERE NECESSARY FOR AN ACCEPTABLE OUTLET.

DETAIL OF PIPE UNDERDRAIN LATERALS WHEN PLACED ALONG PAVEMENT EDGE
 NOTE: PVC PIPE FOR LATERALS SHALL MEET THE REQUIREMENTS OF ASTM D 1785 (LATEST REVISION) FOR SCHEDULE 40 PIPE.

4-0-03	REVISED NOTE 3
1-0-00	REVISED DETAIL OF UNDERDRAIN LATERALS
0-0-98	REVISED NOTE
7-02-98	CORRECTED SPELLINGS
4-1-97	REVISED STEEL PIPES TO SOFT METRIC
10-0-96	REVISED MINIMUM DEPTH & GEOTEXTILE FABRIC
4-26-96	ADDED LATERAL NOTE, 150mm TO 150mm
0-22-95	REVISED LATERALS
7-20-95	CONVERTED TO METRIC

ARKANSAS STATE HIGHWAY COMMISSION

DETAILS OF PIPE UNDERDRAINS

STANDARD DRAWING PU-1 (M)

