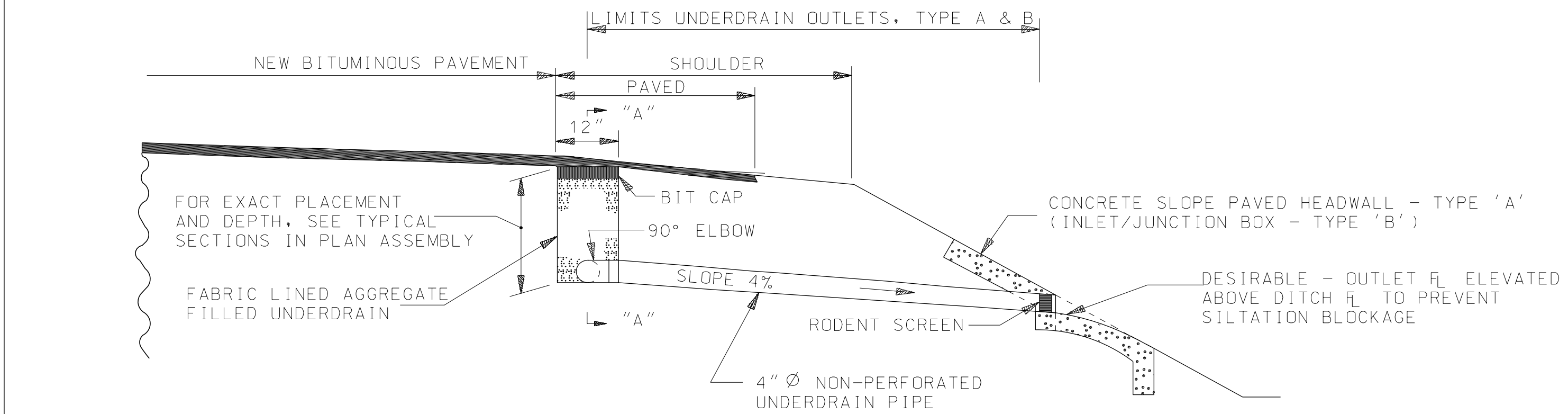
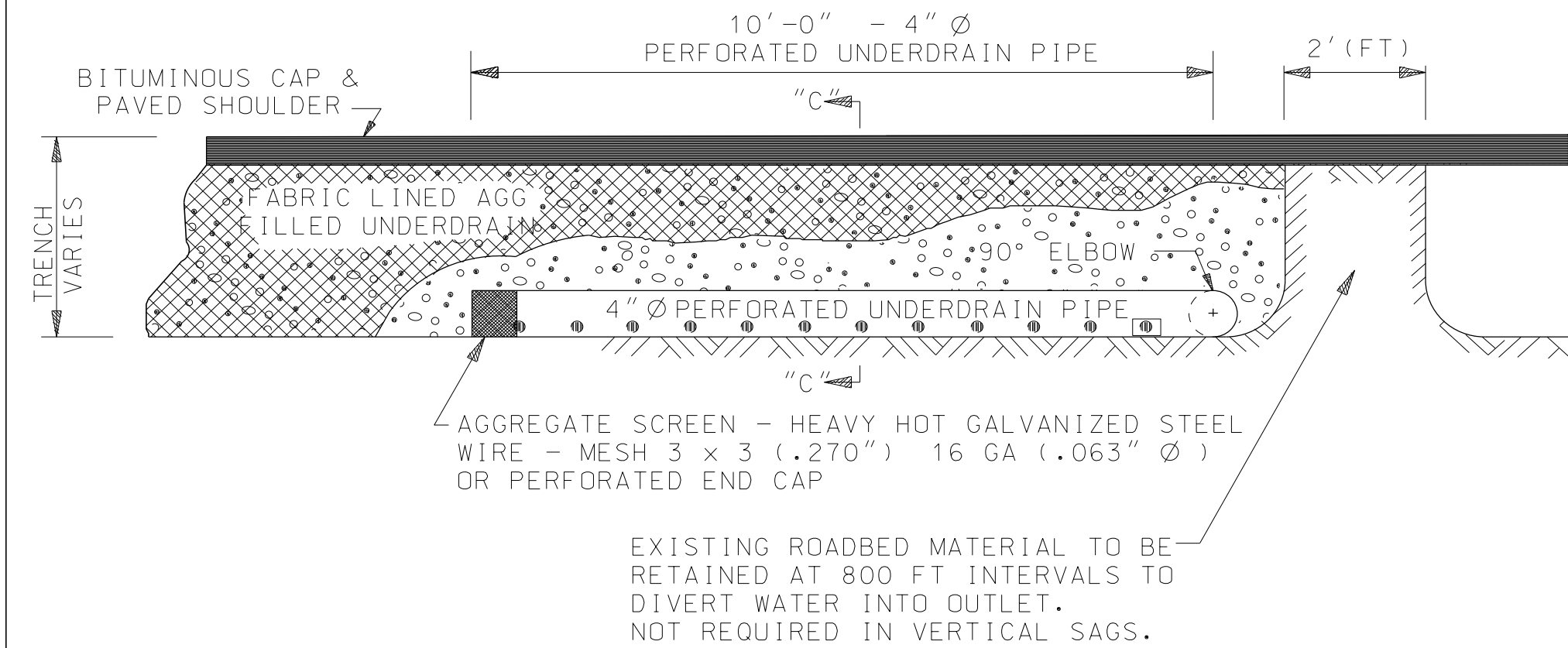


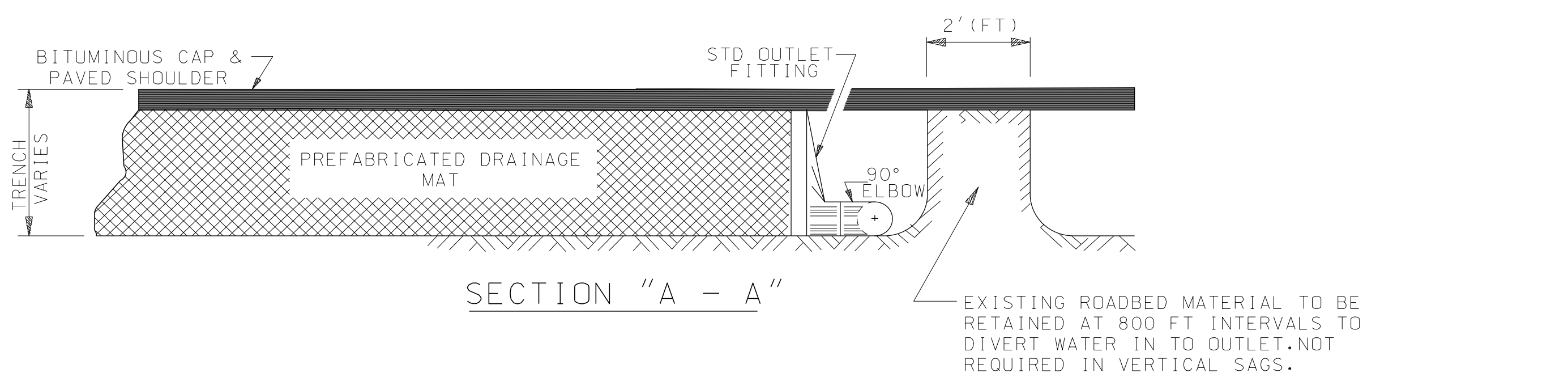
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



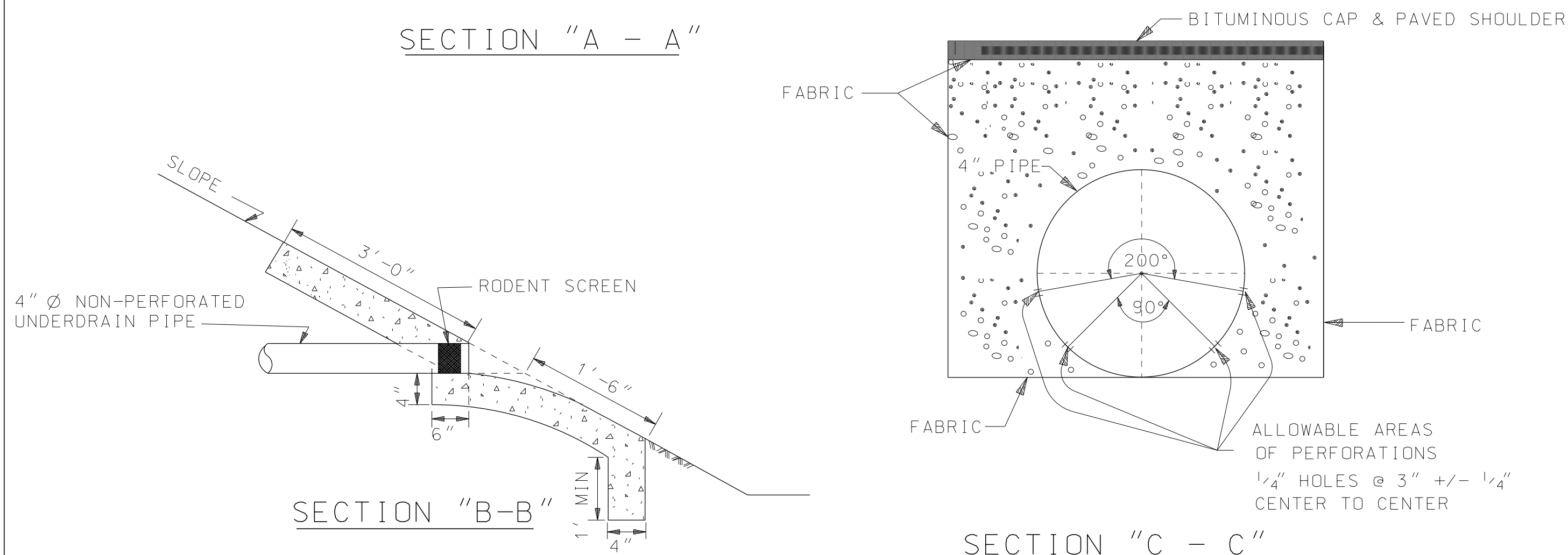
SPECIAL UNDERDRAIN OUTLETS TYPES A & B
USING FABRIC LINED AGGREGATE FILLED UNDERDRAIN



SPECIAL UNDERDRAIN OUTLETS TYPES A & B
USING PREFABRICATED DRAINAGE MAT UNDERDRAIN

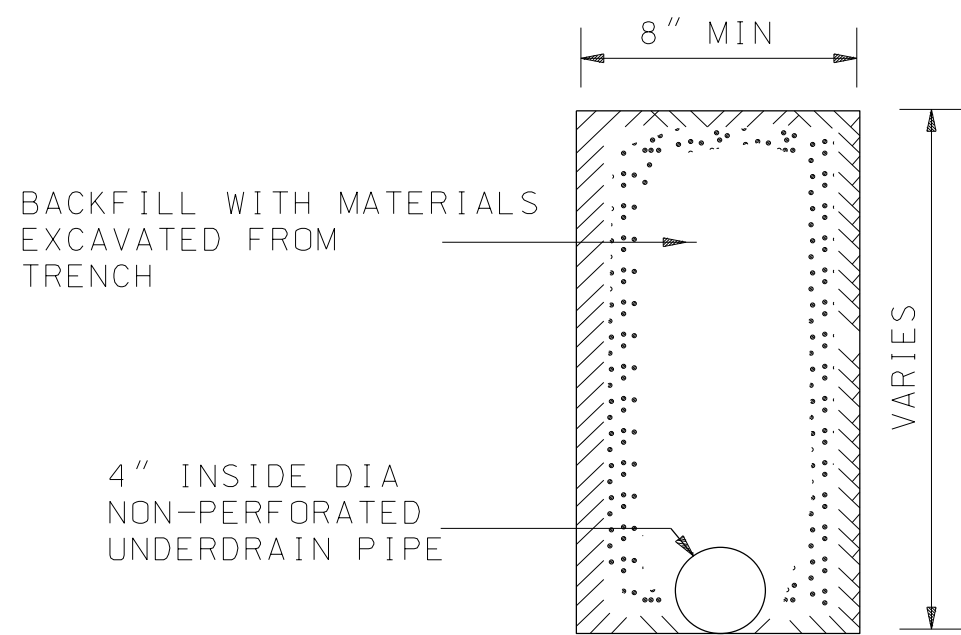


SECTION "A - A"

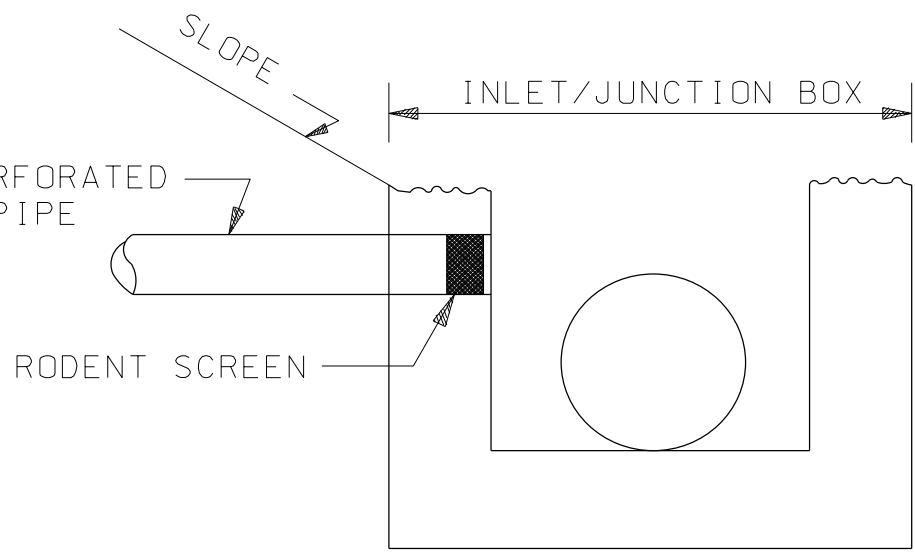


SECTION "B-B"

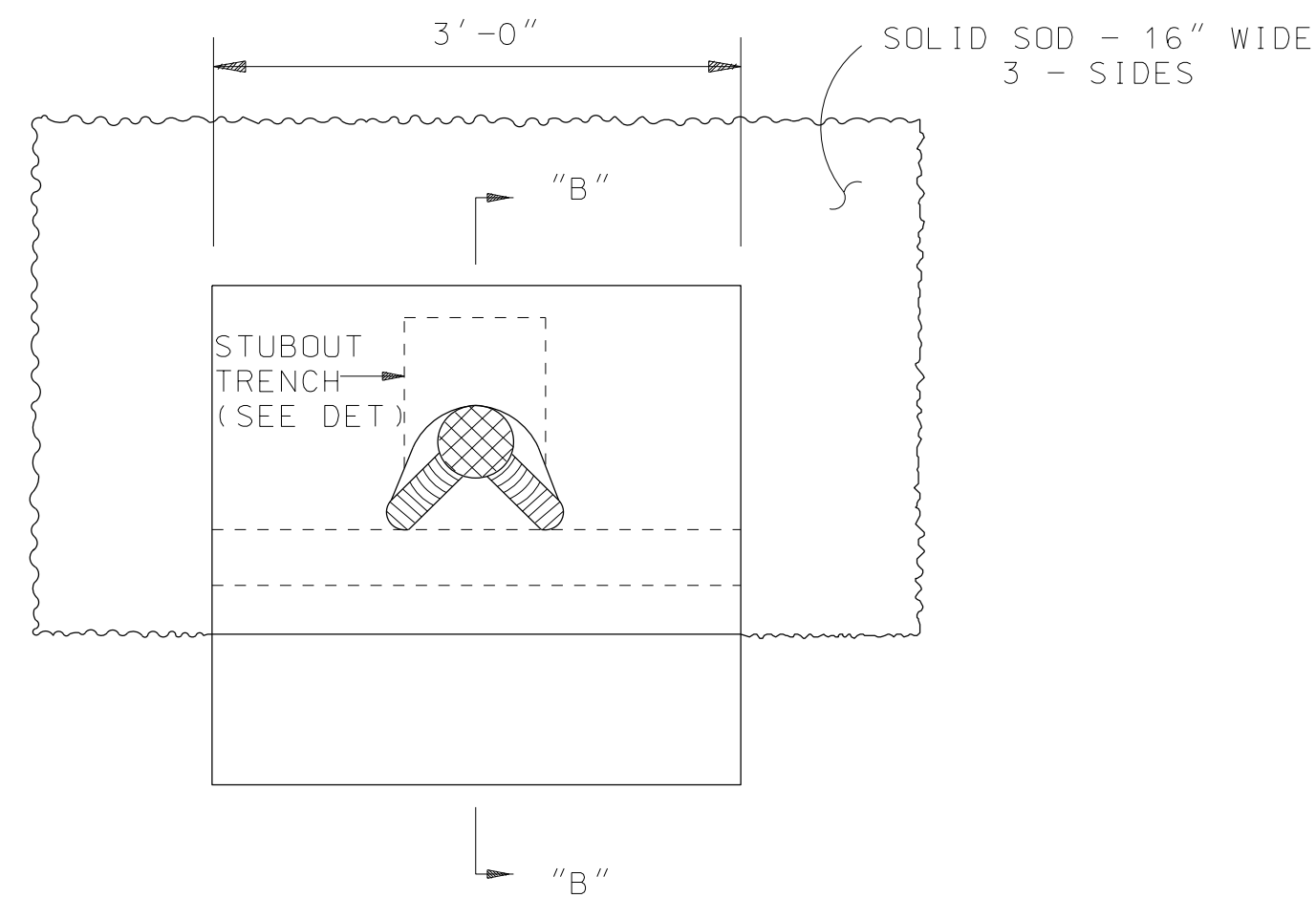
SECTION "C - C"



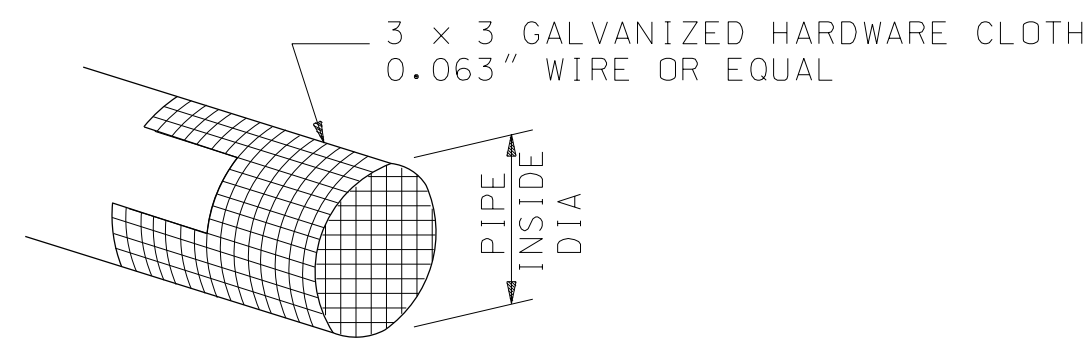
DETAIL OF STUBOUT TRENCH



DETAIL OF TYPE "B" OUTLET



DETAIL OF SLOPE PAVED HEADWALL
(TYPE 'A' OUTLET)




DETAIL OF RODENT SCREEN

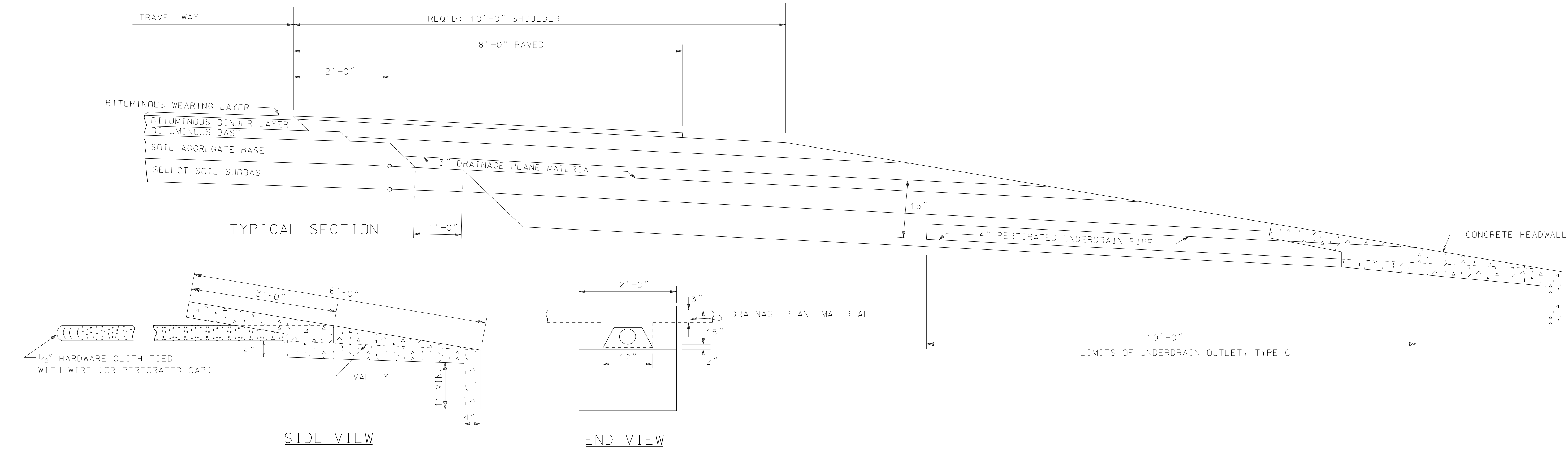
SUGGESTED FABRICATION: PLACE 5" x 7" WIRE CLOTH ON 4" INSIDE DIA PIPE. PLACE 3" INSIDE DIA PIPE ON WIRE CLOTH, CENTERED FOR FORMING. PRESS 3" INSIDE DIA PIPE INTO 4" INSIDE DIA PIPE UNTIL WIRE CLOTH IS FORMED. REMOVE SCREEN AND INSERT SCREEN 4" TO 6" INTO OUTLET PIPE.

GENERAL NOTES

- PAVEMENT EDGE DRAINS MAY BE EITHER AGGREGATE FILLED OR PREFABRICATED MAT UNLESS OTHERWISE SPECIFIED.
- SPECIAL UNDERDRAIN OUTLETS SHALL BE PLACED AT 800 FOOT INTERVALS OR LOW POINT OF SAG VERTICAL CURVE OR CONVENIENT DRAINAGE STRUCTURE, INLET, JUNCTION BOX, ETC.
- SPECIAL UNDERDRAIN OUTLETS TO BE PAID FOR UNDER, SPECIAL UNDERDRAIN OUTLET, TYPE A or B, PER EACH, 605-B.

--SPECIFICATIONS-- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION		
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REVISIONS 1. Added to CADD on 06-21-99 by J.F.T. 2. Added SECTION "C-C" to show allowable areas of perforations on 08-02-13 by J.F.T.		
 ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050		
DESIGN BUREAU SPECIAL DRAWING DETAILS OF SPECIAL UNDERDRAIN OUTLETS TYPES A AND B FOR USE AS PAVEMENT EDGE DRAINS		
Bureau Std Engr: D.J.W. DRAWN BY: _____ DATE DRAWN: J2-12-89		INDEX NO 60501

NOT TO SCALE



- GENERAL NOTES
1. THIS DRAWING DETAILS SLOPE PAVED OUTLET HEADWALLS FOR A 6:1 SLOPE. IT MAY BE ADAPTED FOR STEEPER SLOPES USING THE SAME DIMENSIONS SPECIFIED ON THIS DRAWING.
 2. SPECIAL UNDERDRAIN OUTLETS WILL BE REQUIRED EVERY 300 FT ON EACH SIDE OF THE ROADWAY AND AT EACH SAG VERTICAL CURVE ALONG THE PROJECT.
 3. IF UNDERDRAIN PIPE INTERCEPTS ANY EXISTING PAVED FLUME, CONCRETE HEADWALL MAY BE OMITTED AND THE OUTLET PIPE CONNECTED AND GROUTED THROUGH THE EXISTING FLUME.
 4. SPECIAL UNDERDRAIN OUTLETS SHALL BE PAID FOR UNDER-SPECIAL UNDERDRAIN OUTLET, TYPE C, 605-B, EACH.

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS

1. Added to CADD on 06-21-99 by J.F.T.

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

DETAILS OF SPECIAL UNDERDRAIN OUTLETS TYPE C

Bureau Std Engr: D.J.W.
DRAWN BY: _____ DATE DRAWN: 04-15-82

SPECIAL DRAWING NO
SU0-605-B

INDEX NO
60504

NOT TO SCALE