

NOTES

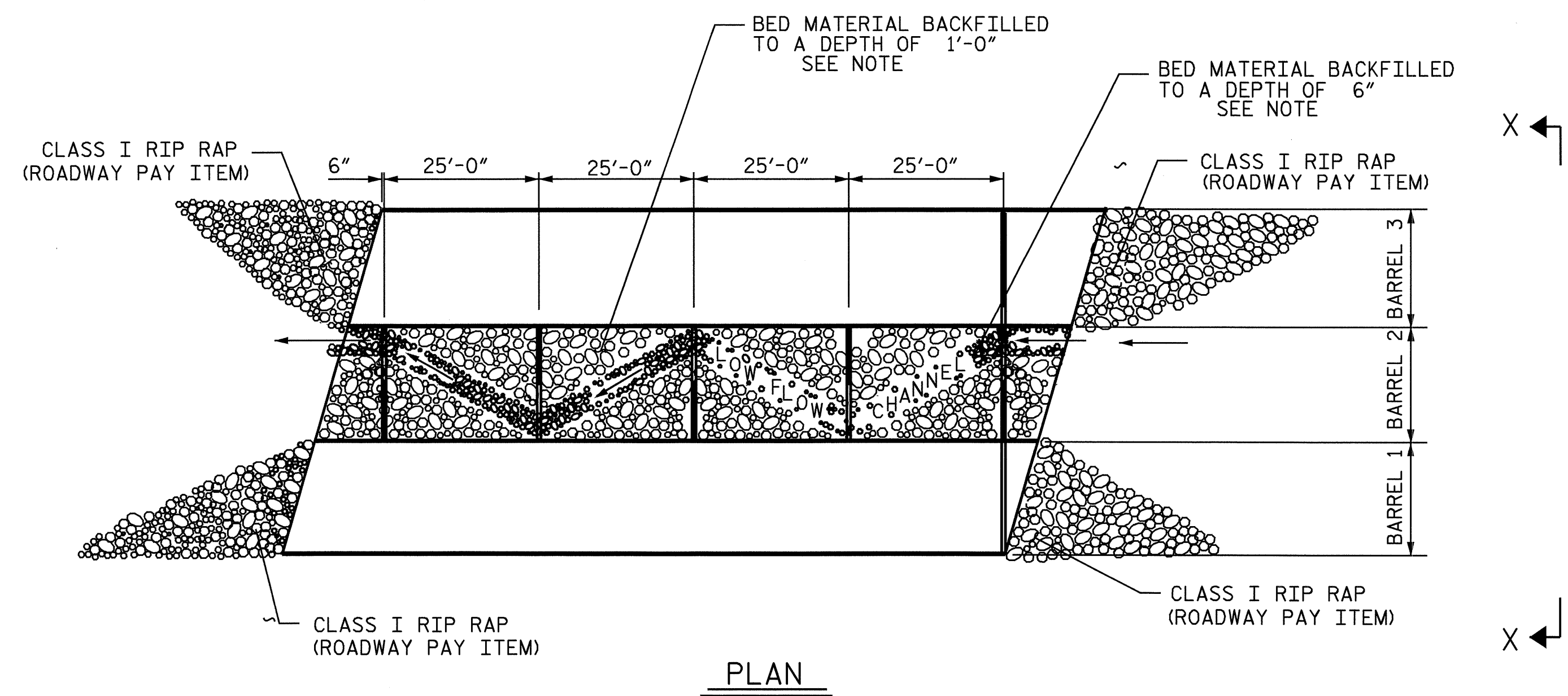
BED MATERIAL PLACED BETWEEN SILLS IN THE CULVERT SHALL PROVIDE A CONTINUOUS LOW FLOW CHANNEL BETWEEN THE LOWER SILLS. THE MATERIAL SHALL BE NATURAL STONE WITH A GRADATION SIZE SIMILAR TO THAT OF CLASS B RIPRAP. STONES LARGER THAN 6" SHALL NOT BE PLACED WITHIN THE LOW FLOW CHANNEL. BED MATERIAL IS SUBJECT TO APPROVAL BY THE ENGINEER. THIS MATERIAL SHALL BE PLACED IN THE CULVERT TO THE TOP OF THE SILLS, PROVIDING A CONTINUOUS LOW FLOW CHANNEL BETWEEN THE LOW SILLS. SEE CULVERT SILL DETAILS AND PLAN OF LOW FLOW CHANNEL.

THE CONTRACTOR, AT HIS OPTION, MAY PUSH #6 D1, D2, AND D3 BARS INTO GREEN CONCRETE AFTER THE SLAB HAS BEEN FLOAT FINISHED OR DRILL AND ADHESIVELY ANCHOR #6 D1, D2 AND D3 AFTER FLOOR SLABS HAVE BEEN CURED.

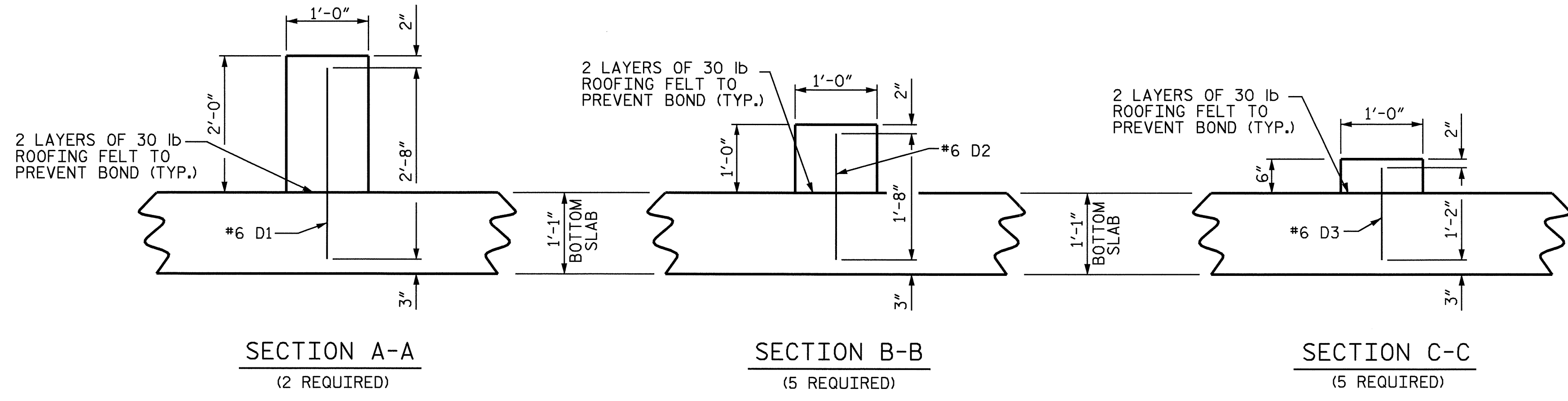
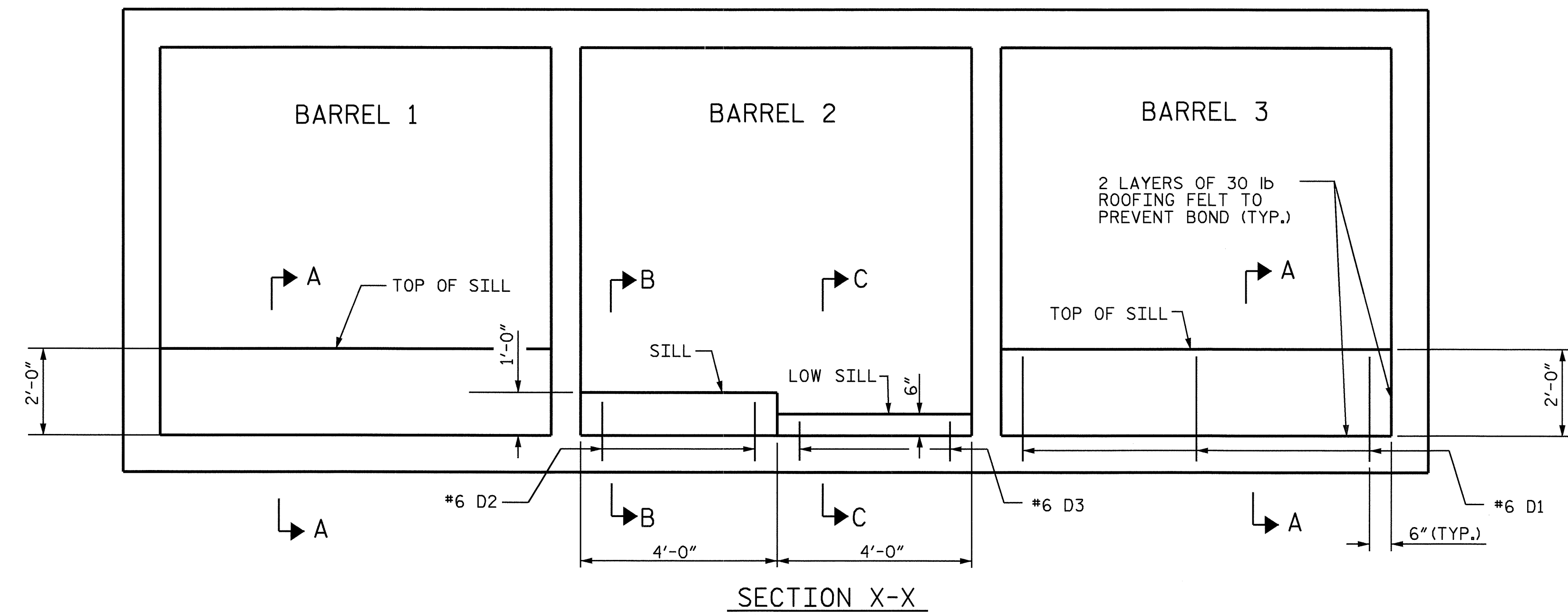
PULL-OUT TESTS WILL NOT BE REQUIRED FOR #6 D1, D2 AND D3 BARS.

THE CONTRACTOR SHALL SUBMIT A PLAN FOR SILL INSTALLATION TO THE ENGINEER.

FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE SPECIAL PROVISIONS.

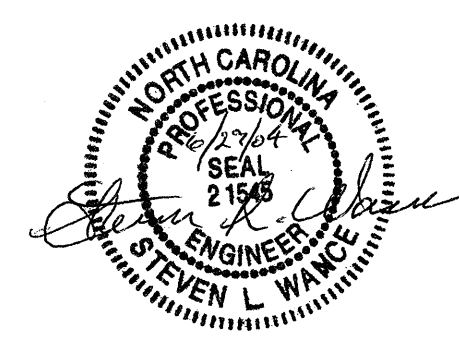


SILL QUANTITIES					
(INCLUDED IN TOTAL FOR STRUCTURE)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
D1	6	6	STR	2'-8"	24
D2	10	6	STR	1'-8"	25
D3	10	6	STR	1'-2"	18
TOTAL REINFORCING STEEL				lb.	67
CLASS A CONCRETE				Cu. Yd.	2.3



PROJECT NO. B-3695
ROCKINGHAM COUNTY
 STATION: 20+78.00 -L-

SHEET 7 OF 7



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**DOUBLE 8 FT. x 8 FT.
 CONCRETE BOX CULVERT
 70° SKEW**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-7
1			3			TOTAL SHEETS
2			4			7

DRAWN BY : SWANcPE DATE : 02/24/04
 CHECKED BY : N.Q. TRAN DATE : 02/24/04

CULVERT SILL DETAILS