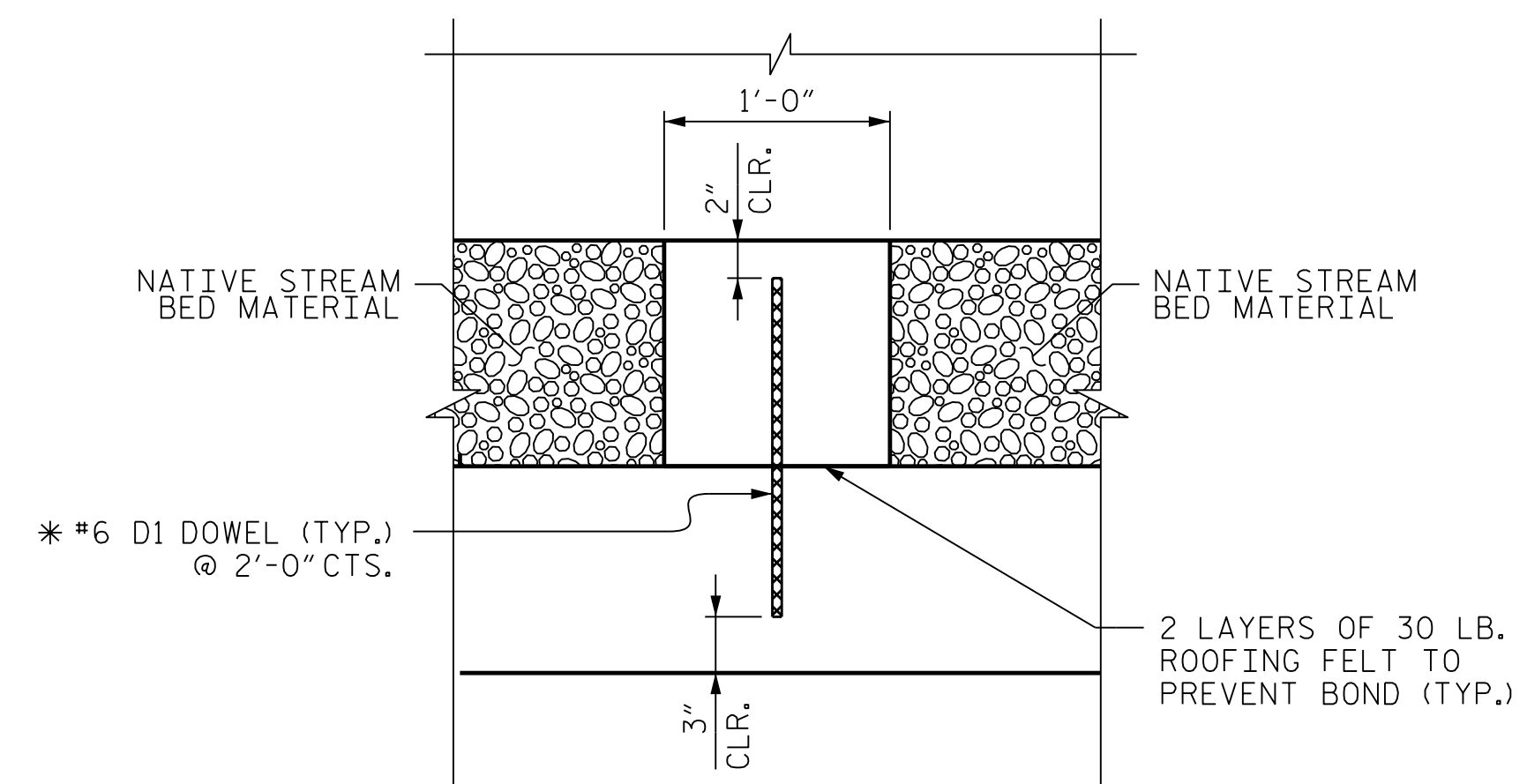
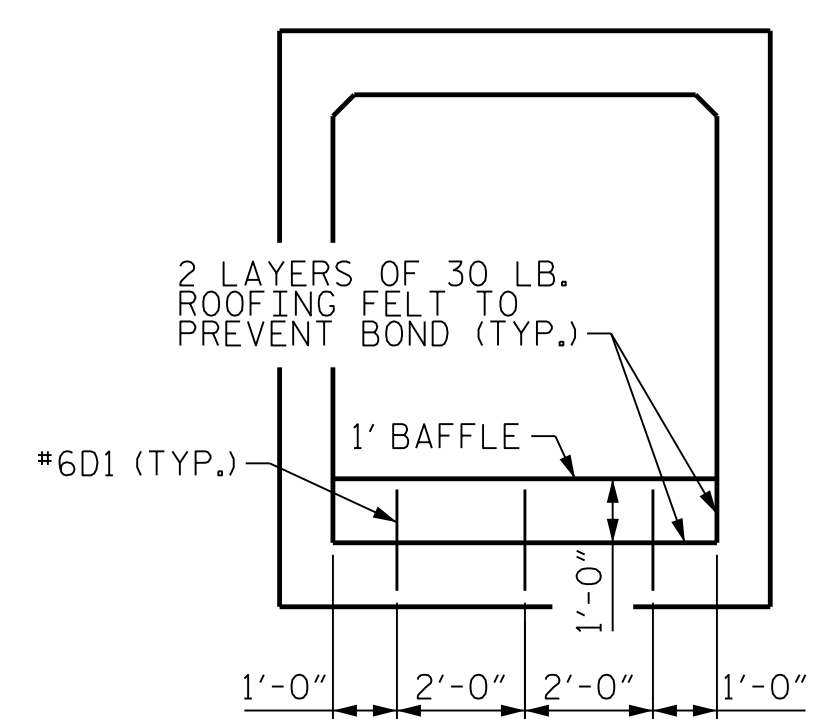


PLAN VIEW SHOWING SILL AND BAFFLE LOCATIONS

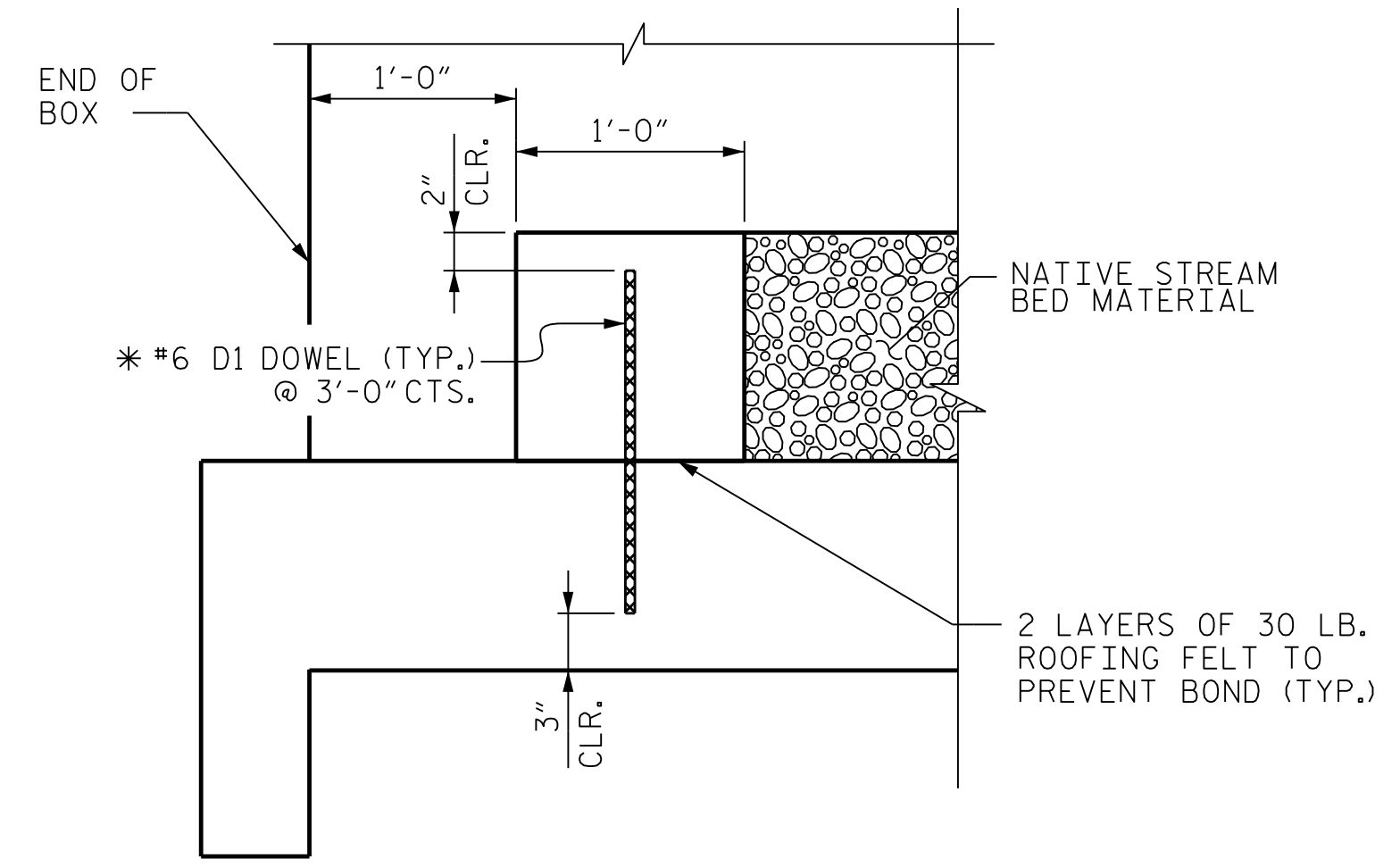


SECTION THROUGH BAFFLE

* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.



CROSS SECTION AT BAFFLE

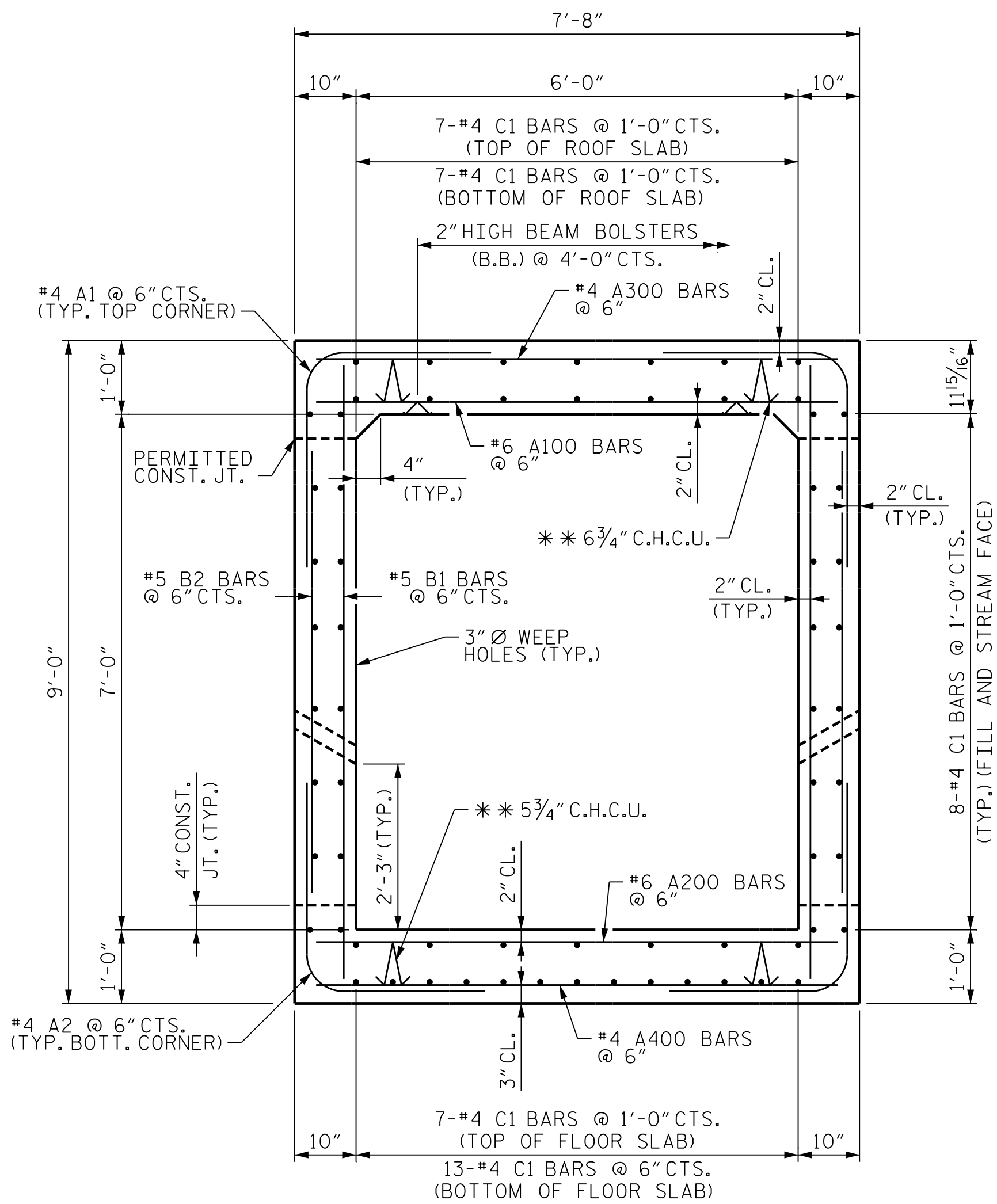


SECTION THROUGH SILL

* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.

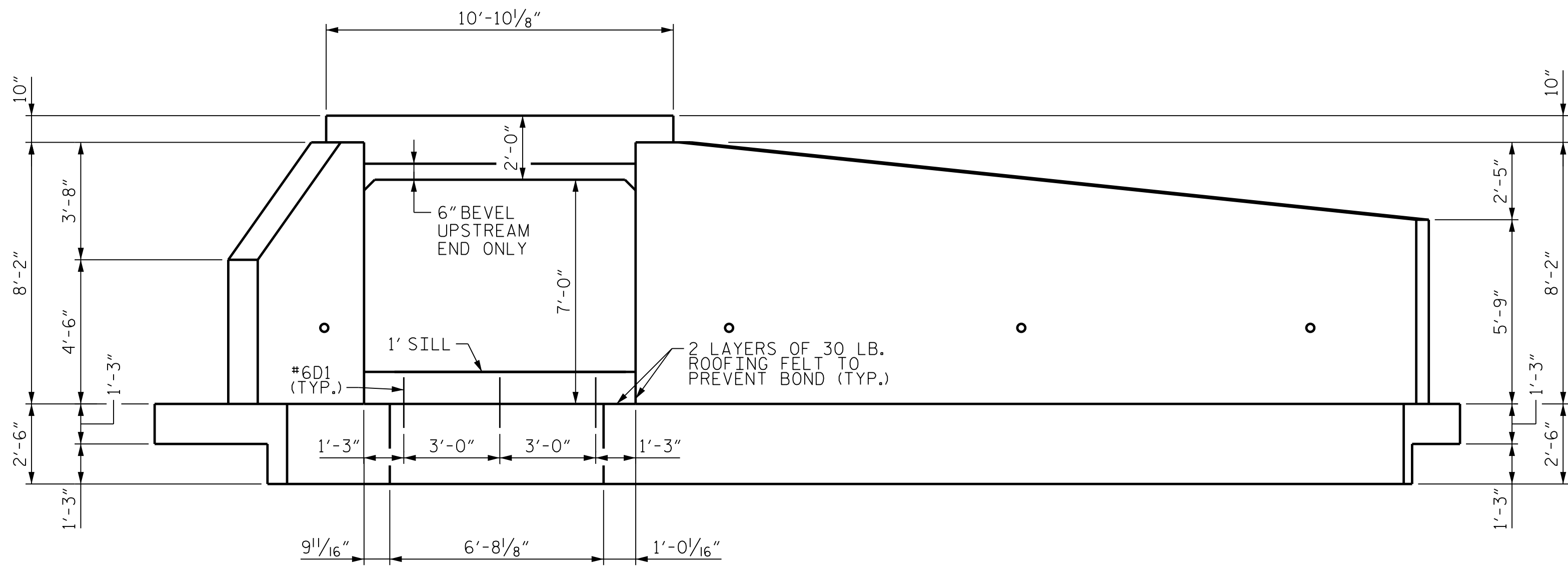
CULVERT SILL AND BAFFLE DETAILS

THE CONTRACTOR SHALL FILL THE PROPOSED CULVERT WITH NATIVE STREAM BED MATERIAL TO A DEPTH OF 1 FOOT. EXISTING BED MATERIAL SHALL BE STOCKPILED FOR USE IN THE PROPOSED CULVERT AS DIRECTED BY THE ENGINEER. THE BED MATERIAL MAY BE SUPPLEMENTED WITH CLASS B RIP RAP IF NEEDED. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM FOR CULVERT EXCAVATION.



RIGHT ANGLE SECTION OF BARREL

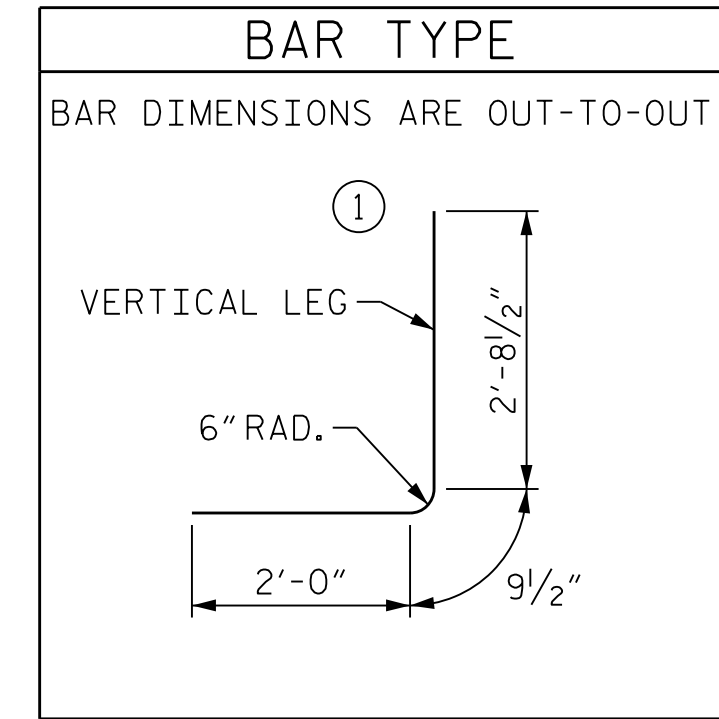
THERE ARE 66 "C" BARS IN SECTION OF BARREL
 * * ALL CONTINUOUS HIGH CHAIR UPPER (C.H.C.U.) @ 3'-0" CTS.



END ELEVATION NORMAL TO SKEW

(LOOKING DOWNSTREAM)

REINFORCING STEEL BAR SCHEDULE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	864	#4	1	5'-6"	3174
A2	864	#4	1	5'-6"	3174
A100	417	#6	STR	7'-3"	4541
A101	6	#6	STR	5'-9"	52
A102	6	#6	STR	4'-3"	38
A103	6	#6	STR	2'-9"	25
A200	417	#6	STR	7'-3"	4541
A201	6	#6	STR	5'-9"	52
A202	6	#6	STR	4'-3"	38
A203	6	#6	STR	2'-9"	25
A300	417	#4	STR	7'-3"	2020
A301	6	#4	STR	5'-9"	23
A302	6	#4	STR	4'-3"	17
A303	6	#4	STR	2'-9"	11
A400	417	#4	STR	7'-3"	2020
A401	6	#4	STR	5'-9"	23
A402	6	#4	STR	4'-3"	17
A403	6	#4	STR	2'-9"	11
B1	864	#5	STR	8'-4"	7510
B2	864	#5	STR	6'-0"	5407
C1	396	#4	STR	38'-0"	10052
D1	30	#6	STR	1'-7"	71
G1	8	#5	STR	10'-2"	85
S2	16	#8	STR	10'-2"	434
REINFORCING STEEL					43,361 LBS
CLASS A CONCRETE					
CULVERT					216.6 C.Y.
SILLS & BAFFLES					2.4 C.Y.
TOTAL					219.0 C.Y.



SPlice LENGTH CHART		
BAR	SIZE	SPlice LENGTH
B1	#5	2'-4"
C1	#4	2'-5"

PROJECT NO. U-2579AB

FORSYTH COUNTY

STATION: 35+53.70 -Y15RPDREV-

SHEET 3 OF 6

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SINGLE BARREL
 6 FT. X 7 FT.
 CONCRETE BOX CULVERT
 45° SKEW



10/11/2021

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. C7-3
 TOTAL SHEETS 6

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.pht
 USER: PPRETOSO
 DATE: 5/20/2021
 TIME: 10:36:58 AM
 FILE: ... \CROSS SECTION AND BAR LIST

DES BY: T. MCALEENAN	DATE: 11/19	DWG BY: T. MCALEENAN	DATE: 11/19
DES CHK: R. TURNAGE	DATE: 11/19	CHK BY: R. TURNAGE	DATE: 11/19

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED