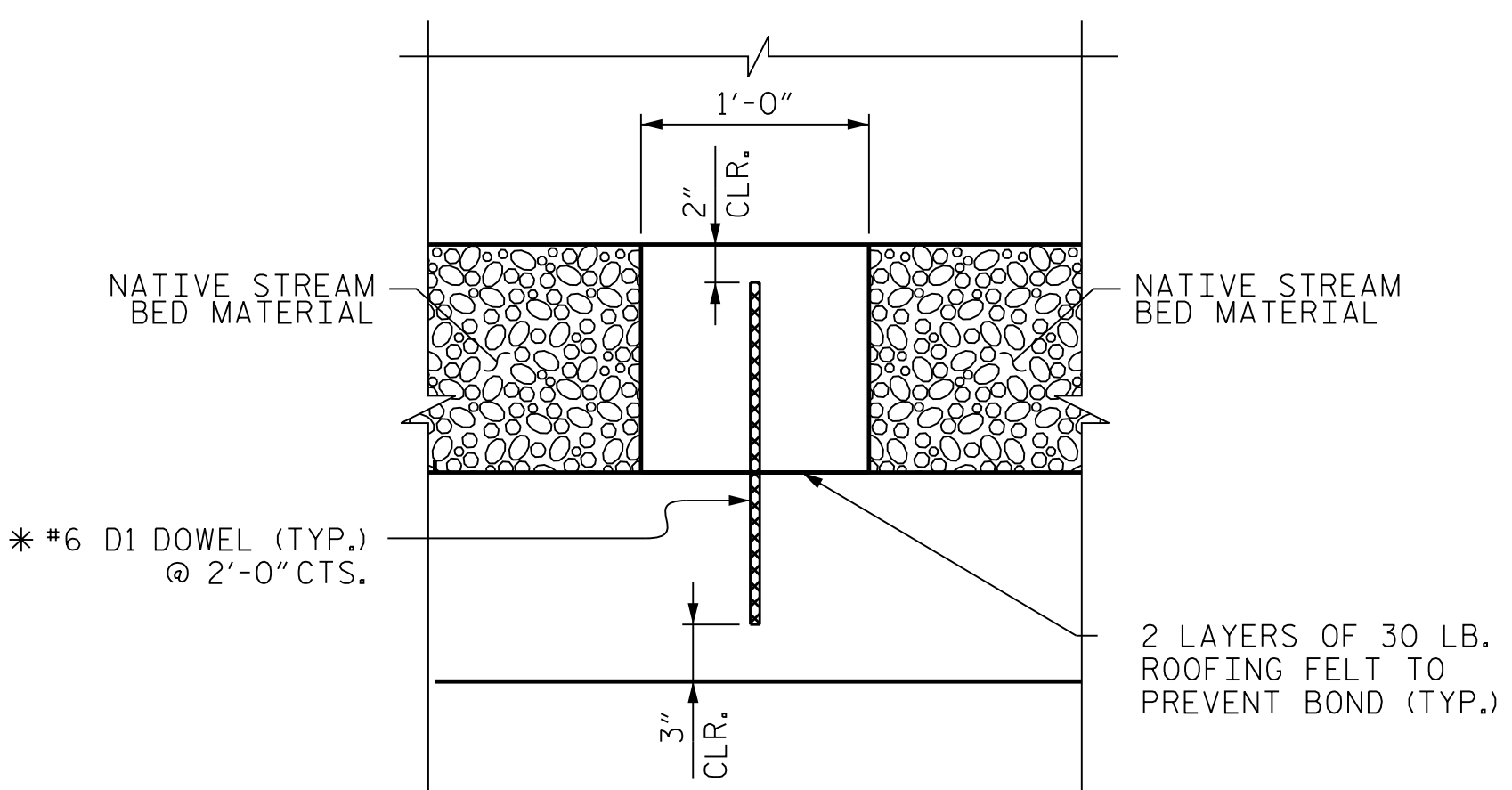
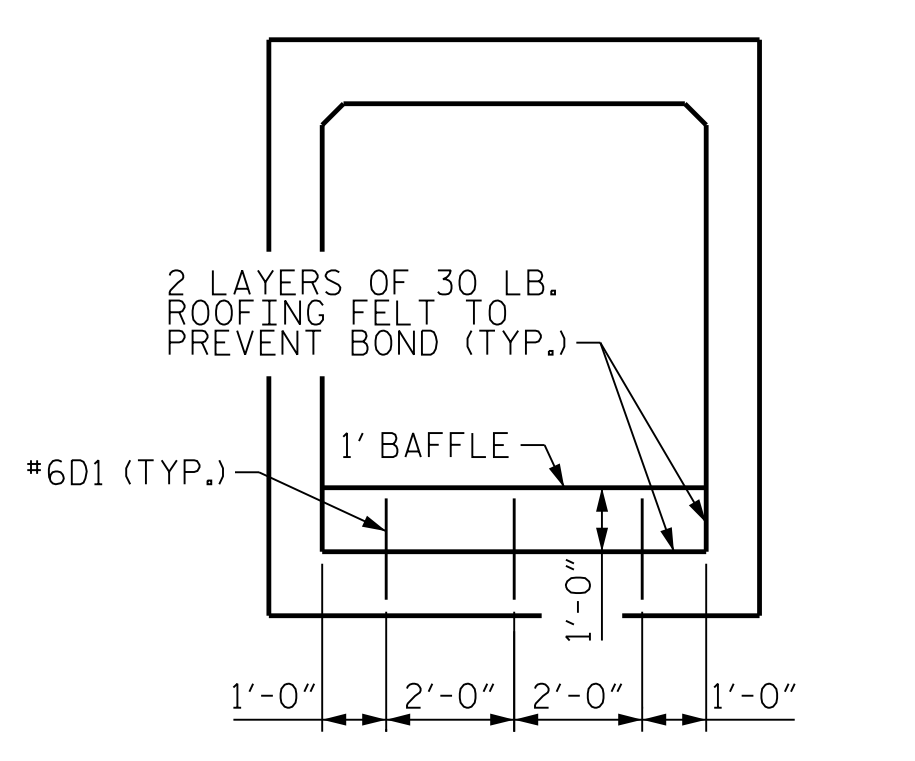


PLAN VIEW SHOWING SILL AND BAFFLE LOCATIONS

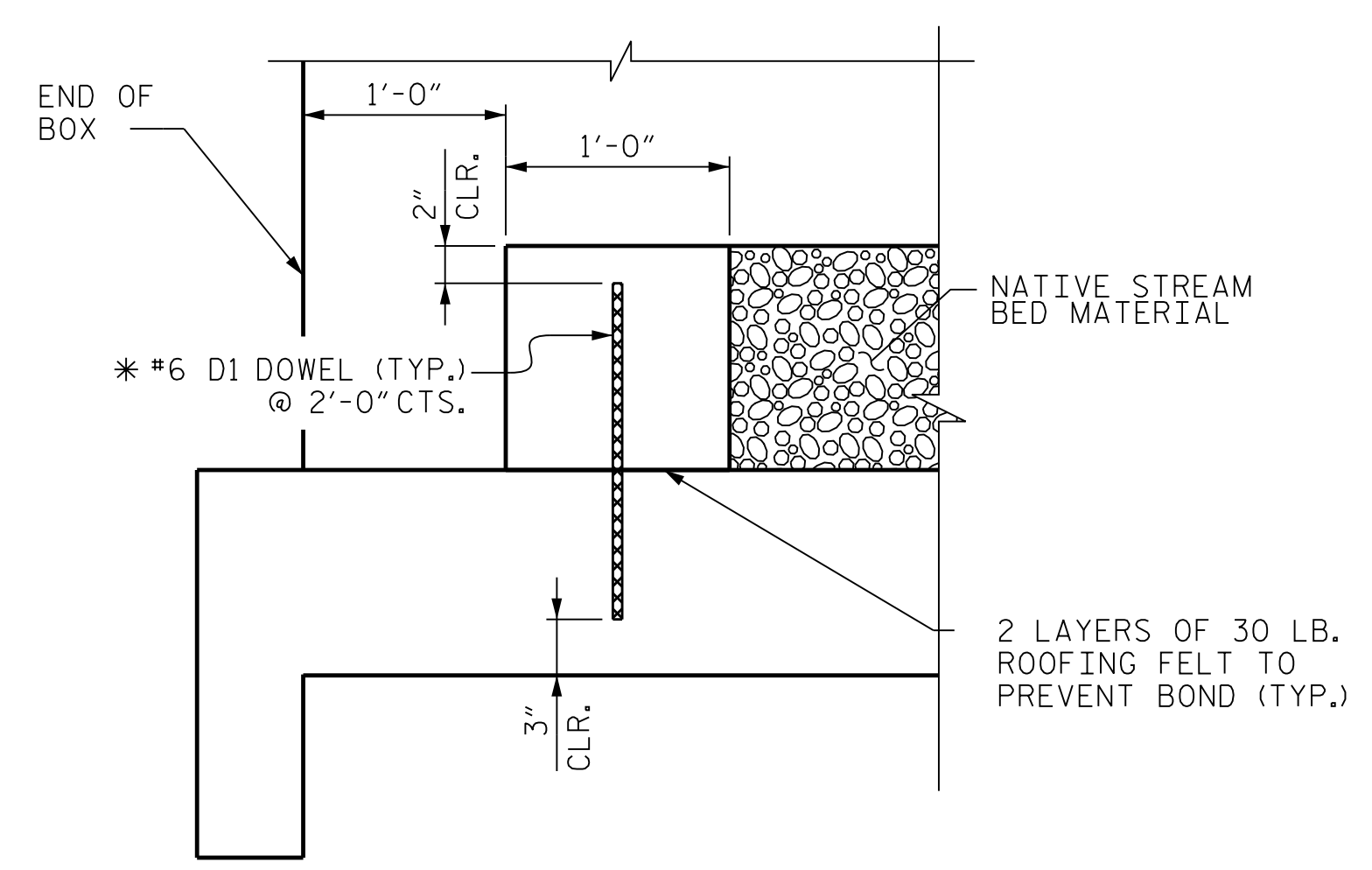


SECTION THROUGH BAFFLE

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



CROSS SECTION AT BAFFLE

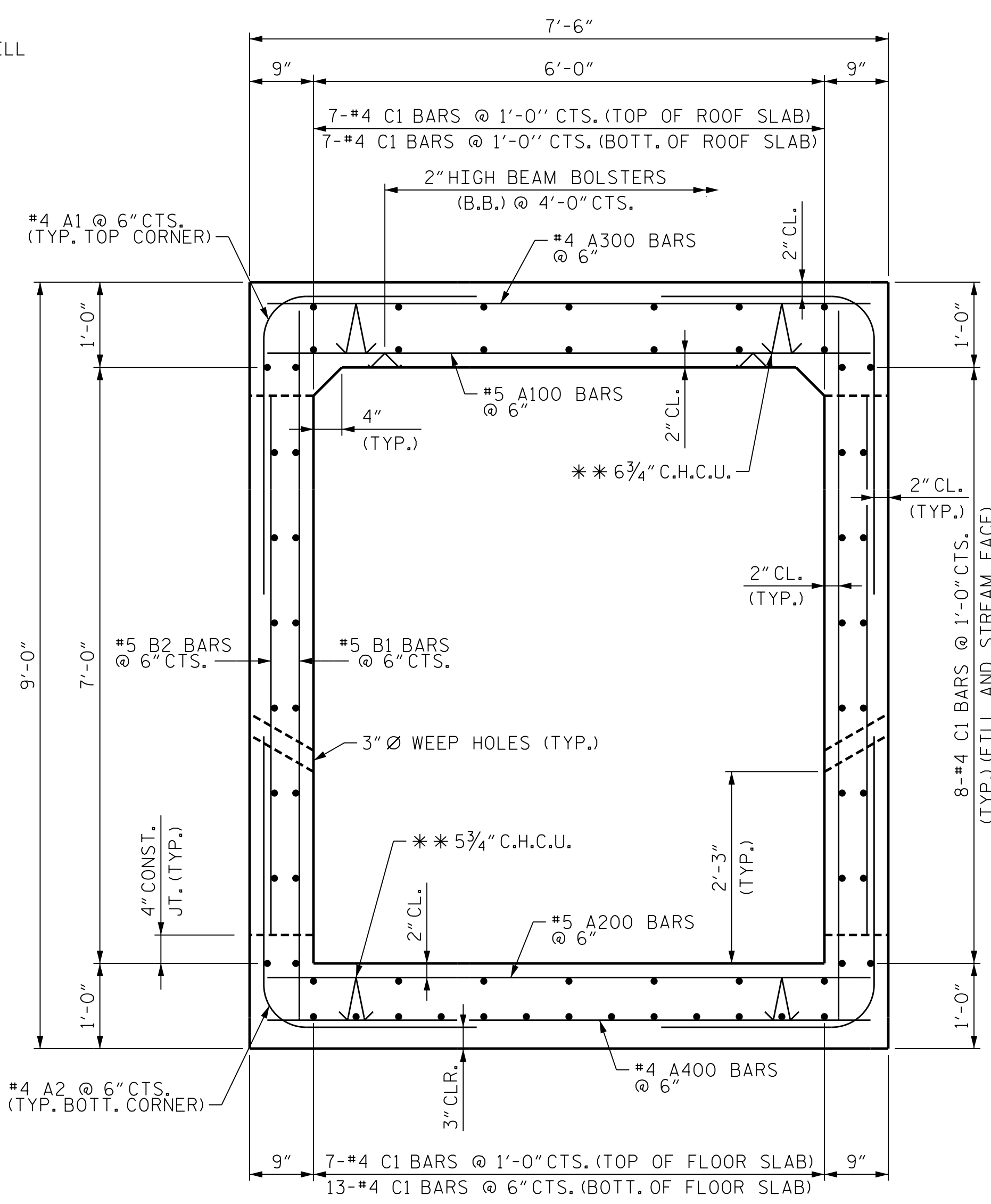


SECTION THROUGH SILL

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

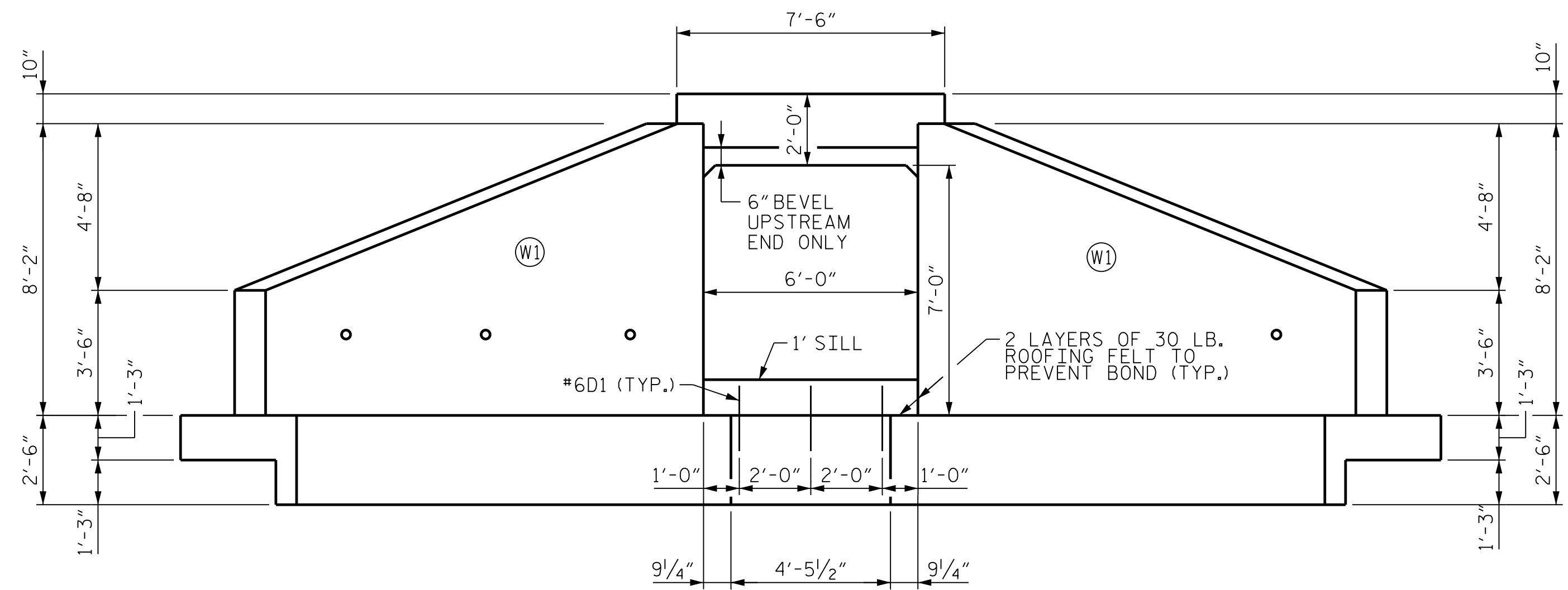
CULVERT SILL AND BAFFLE DETAILS

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

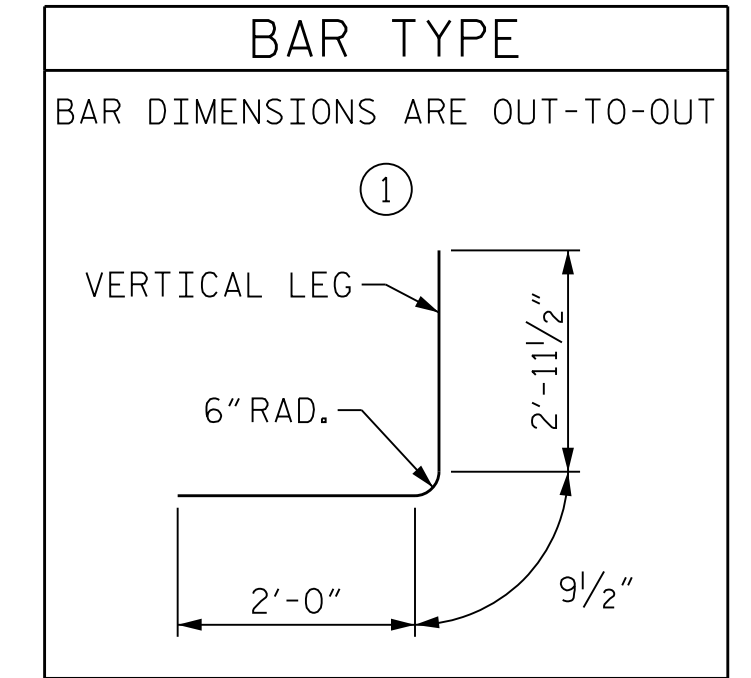
THERE ARE 66 "C" BARS IN SECTION OF BARREL
 ** ALL CONTINUOUS HIGH CHAIR UPPER (C.H.C.U.) @ 3'-0" CTS.



END ELEVATION

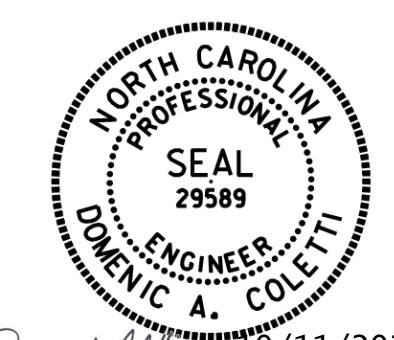
(INLET END SHOWN, OUTLET END SIMILAR)

REINFORCING STEEL BAR SCHEDULE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	1283	#4	1	5'-9"	4928
A2	1283	#4	1	5'-9"	4928
A100	644	#5	STR	7'-1"	4758
A200	644	#5	STR	7'-1"	4758
A300	644	#4	STR	7'-1"	3047
A400	644	#4	STR	7'-1"	3047
B1	1283	#5	STR	8'-7"	11486
B2	1283	#5	STR	6'-2"	8252
C1	660	#4	STR	34'-5"	15174
D1	51	#6	STR	1'-7"	121
G1	4	#4	STR	7'-1"	19
REINFORCING STEEL					60,518 LBS
CLASS A CONCRETE					
CULVERT					304.0 C.Y.
SILLS & BAFFLES					3.8 C.Y.
TOTAL					307.8 C.Y.



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

PROJECT NO. U-2579AB
 FORSYTH COUNTY
 STATION: 792+88.12 -L-
 SHEET 3 OF 6

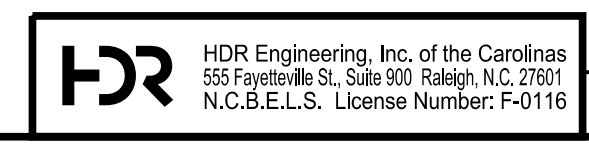


STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SINGLE BARREL
 6 FT. X 7 FT.
 CONCRETE BOX CULVERT
 89°/65°45'00" SKEW

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

PLOT DRIVER: NCDOT.pdf_color_eng-50dpi
 USER: PPEIERSO DATE: 10/11/2021
 FILE: ...CROSS SECTION AND BAR LIST
 PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl
 TIME: 8:08:06 AM

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



10/11/2021
 DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SHEET NO. C2-3
 TOTAL SHEETS 6