



RIGHT EXTENSION QUANTITIES

CLASS A CONCRETE		
BARREL @	0.492 CY/FT	3.9 C.Y.
WINGS, ETC.		6.0 C.Y.
SILL		0.1 C.Y.
BOTTOM SLAB STEP		0.1 C.Y.
TOTAL		10.1 C.Y.

REINFORCING STEEL	
BARREL & SILL	475 LBS.
WINGS, ETC.	338 LBS.
TOTAL	813 LBS.

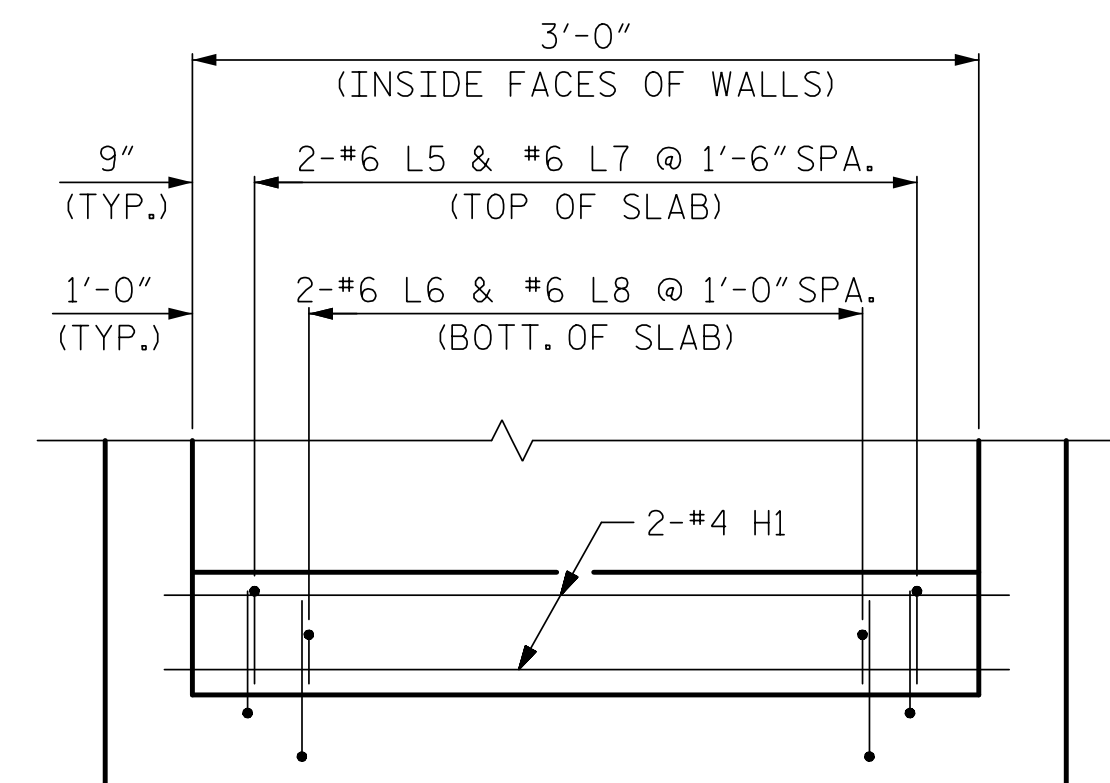
CULVERT EXCAVATION	LUMP SUM
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FOUNDATION COND. MAT'L.	5 TONS
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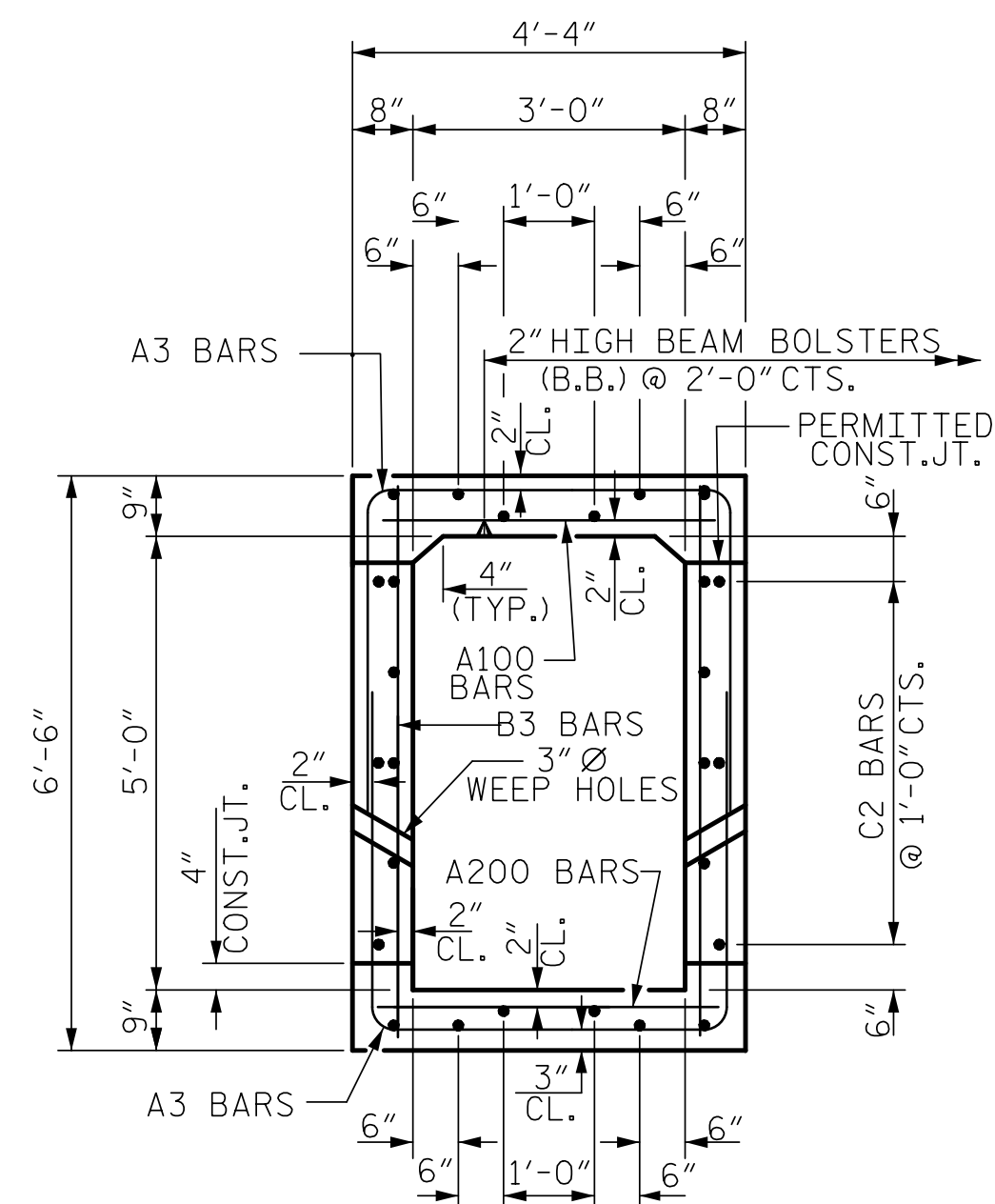
RIGHT EXTENSION
BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A100	8	#4	STR	3'-11"	21
A200	8	#4	STR	3'-11"	21
A3	16	#4	1	11'-9"	126
B3	16	#4	STR	6'-2"	66
C2	26	#4	STR	7'-8"	133
D1	15	#6	STR	2'-6"	56
D2	2	#6	STR	1'-4"	4
G1	2	#4	STR	3'-11"	5
H1	4	#4	STR	3'-11"	10
L5	2	#6	2	2'-9"	8
L6	2	#6	2	2'-5"	7
L7	2	#6	3	2'-9"	8
L8	2	#6	3	3'-5"	10

REINFORCING STEEL	475 LBS
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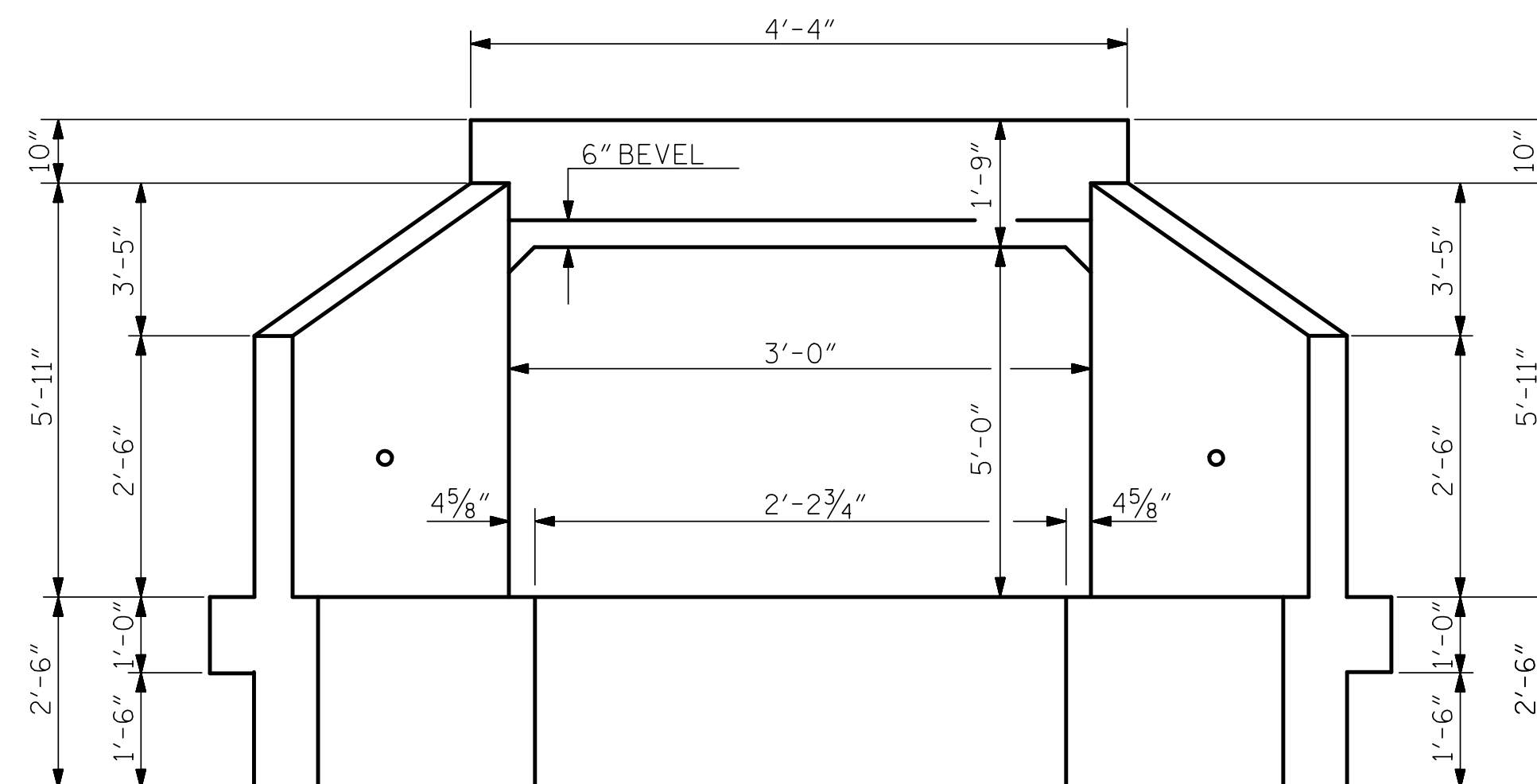


SECTION X-X

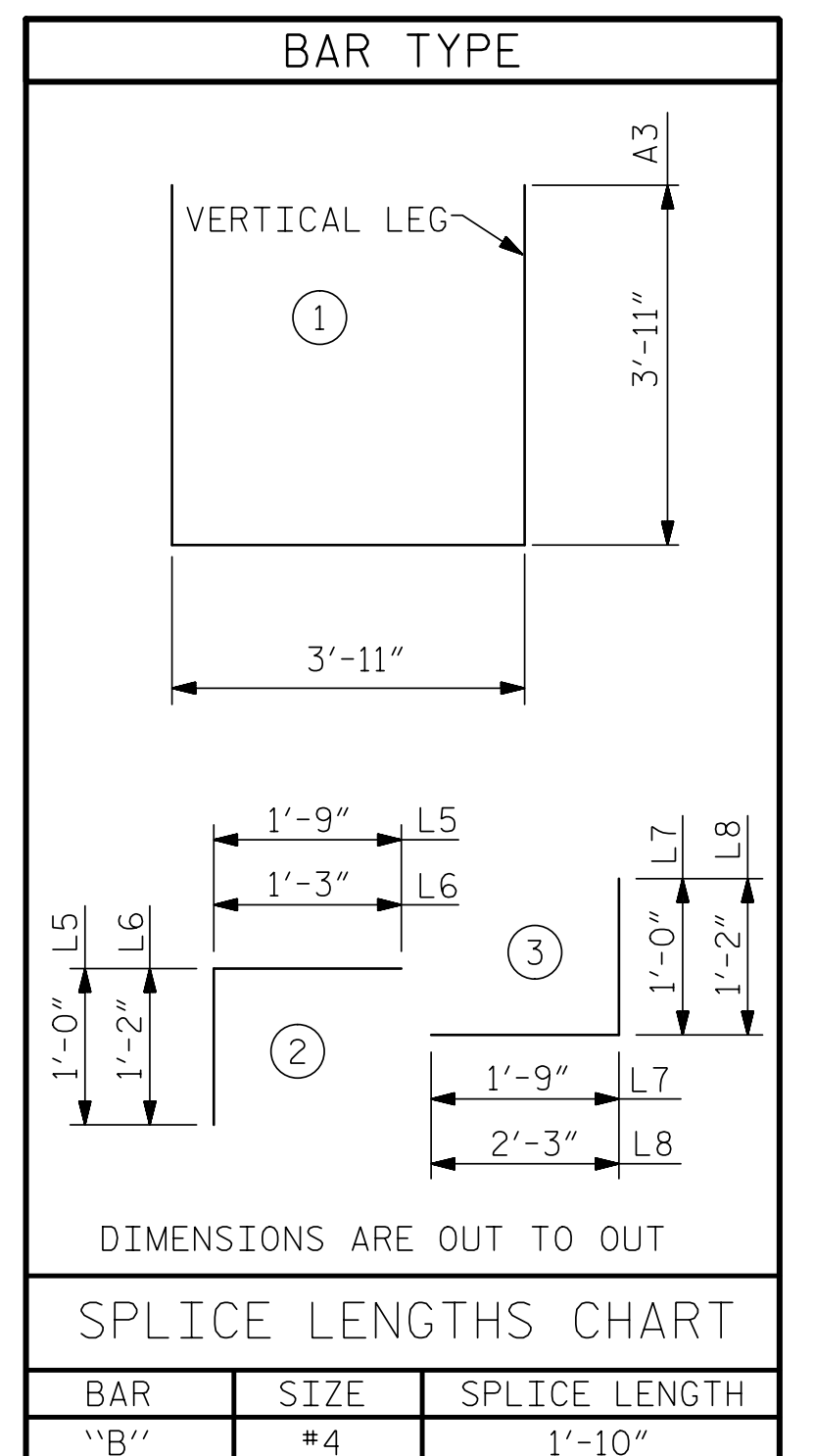


RIGHT ANGLE SECTION OF BARREL

THERE ARE 26 "C" BARS IN SECTION OF BARREL

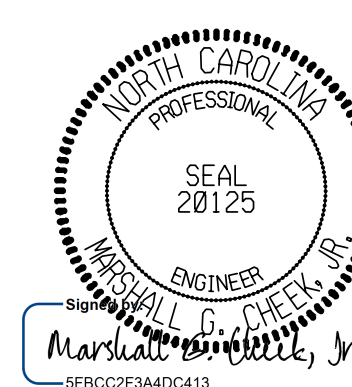


INLET END ELEVATION



PROJECT NO. R-5739
NORTHAMPTON COUNTY
 STATION: 38+74.00 -L-

SHEET 7 OF 10



7/23/2025

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

UNLESS ALL SIGNATURES COMPLETED
TGS ENGINEERS
 706 HILLSBOROUGH STREET
 SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SINGLE 3 FT. X 5 FT.
CONCRETE BOX CULVERT
90° SKEW
RIGHT EXTENSION

ID	REVISIONS						SHEET NO.
	NO.	BY:	DATE:	NO.	BY:	DATE:	C1-7
	1			3			TOTAL SHEETS
75	2			4			10

STR. #1

DRAWN BY :	ZCS	DATE :	4/22
CHECKED BY :	MGC	DATE :	7/22
DESIGN ENGINEER OF RECORD:	ZCS	DATE :	1/23

11/27/2023
X:\NCDDOT\R-5739\Structures\Str. #1 (38 + 74.00 -L-)\FinalPlans\DGNS\R-5739-SMU_ CU-650000.dgn
User:ZSmith