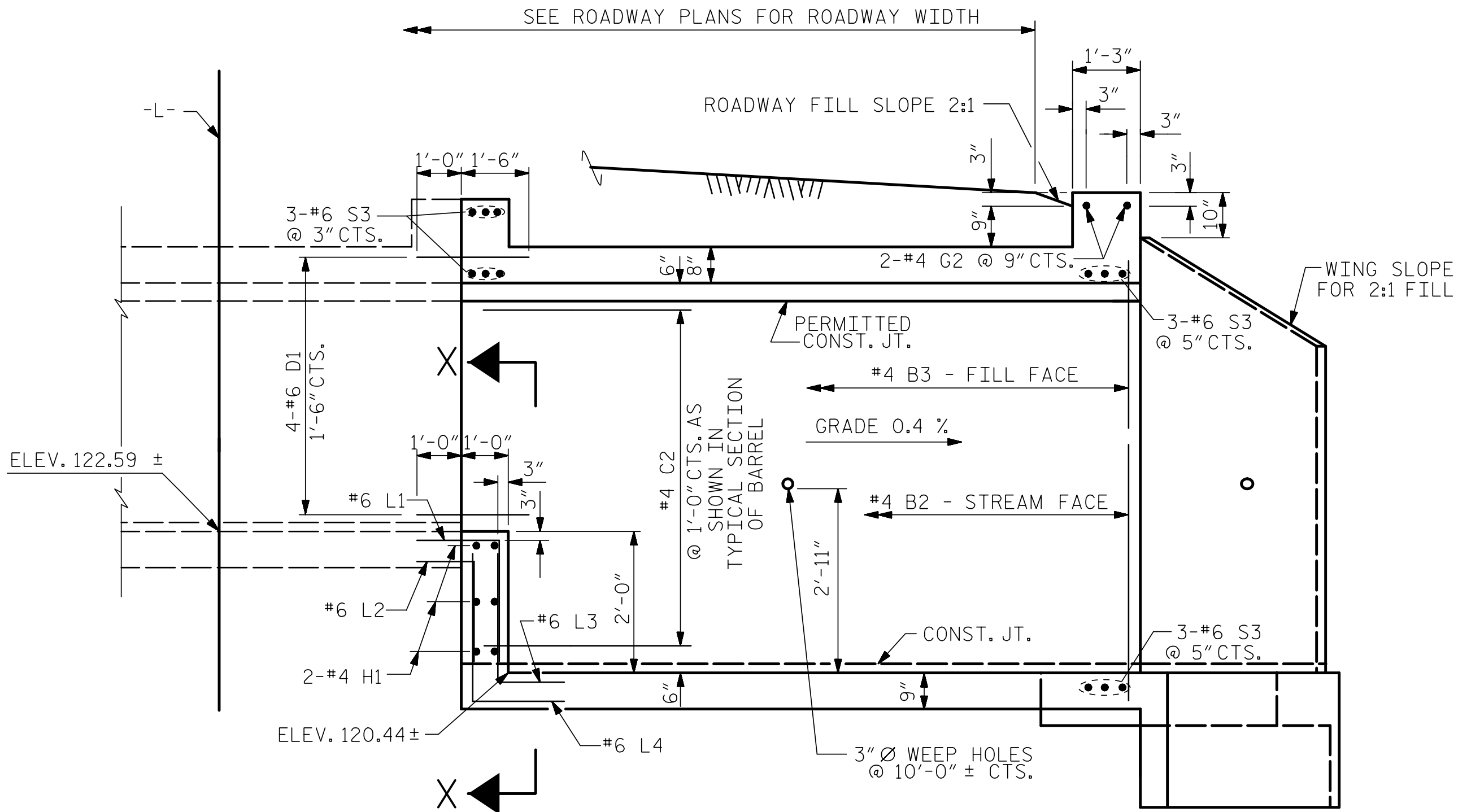
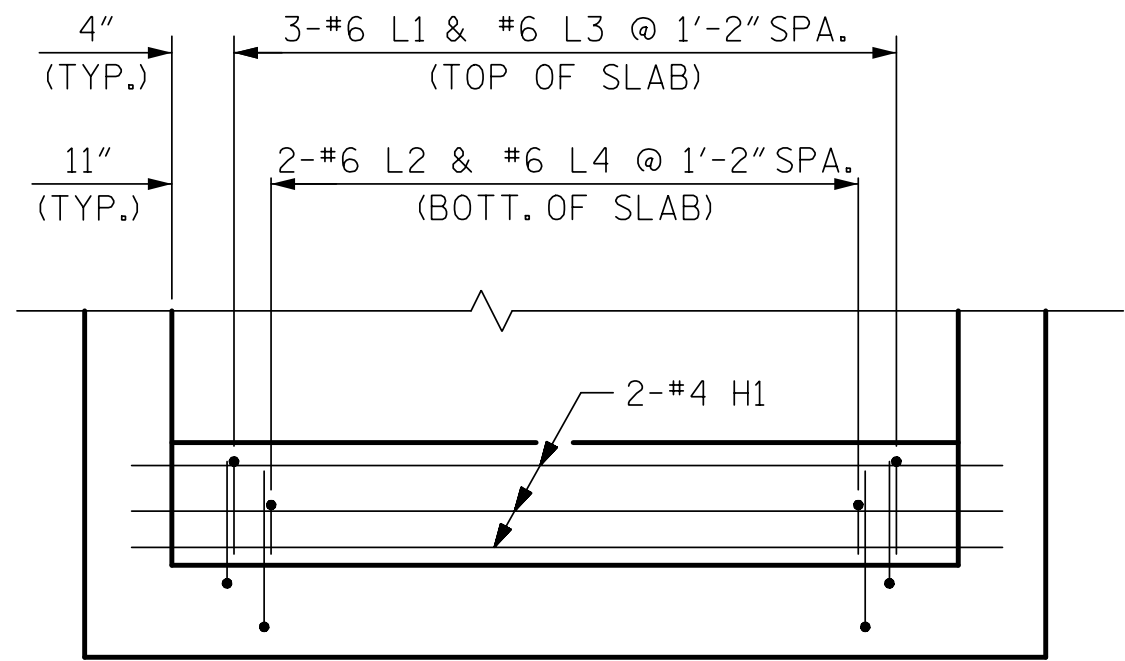
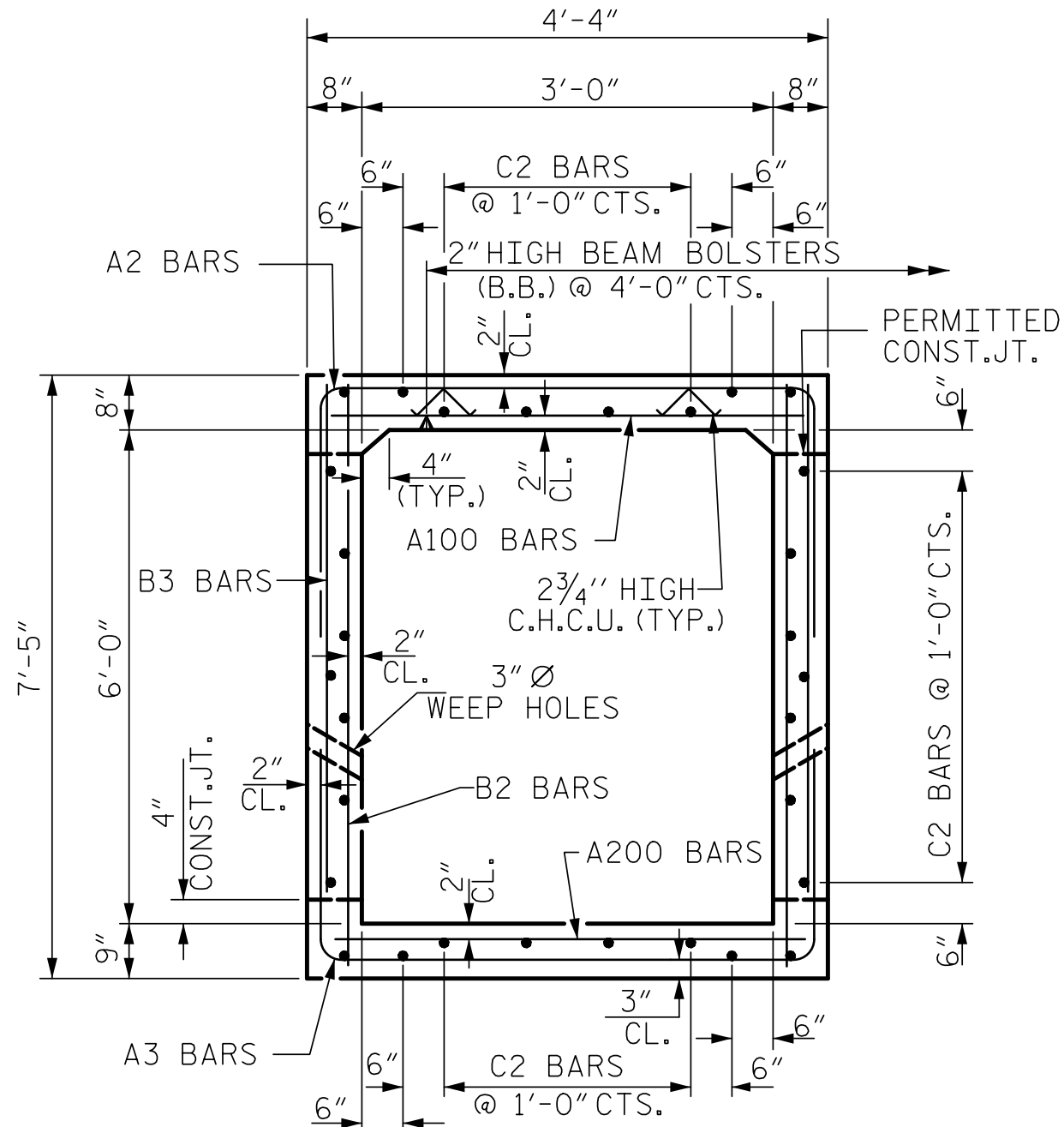




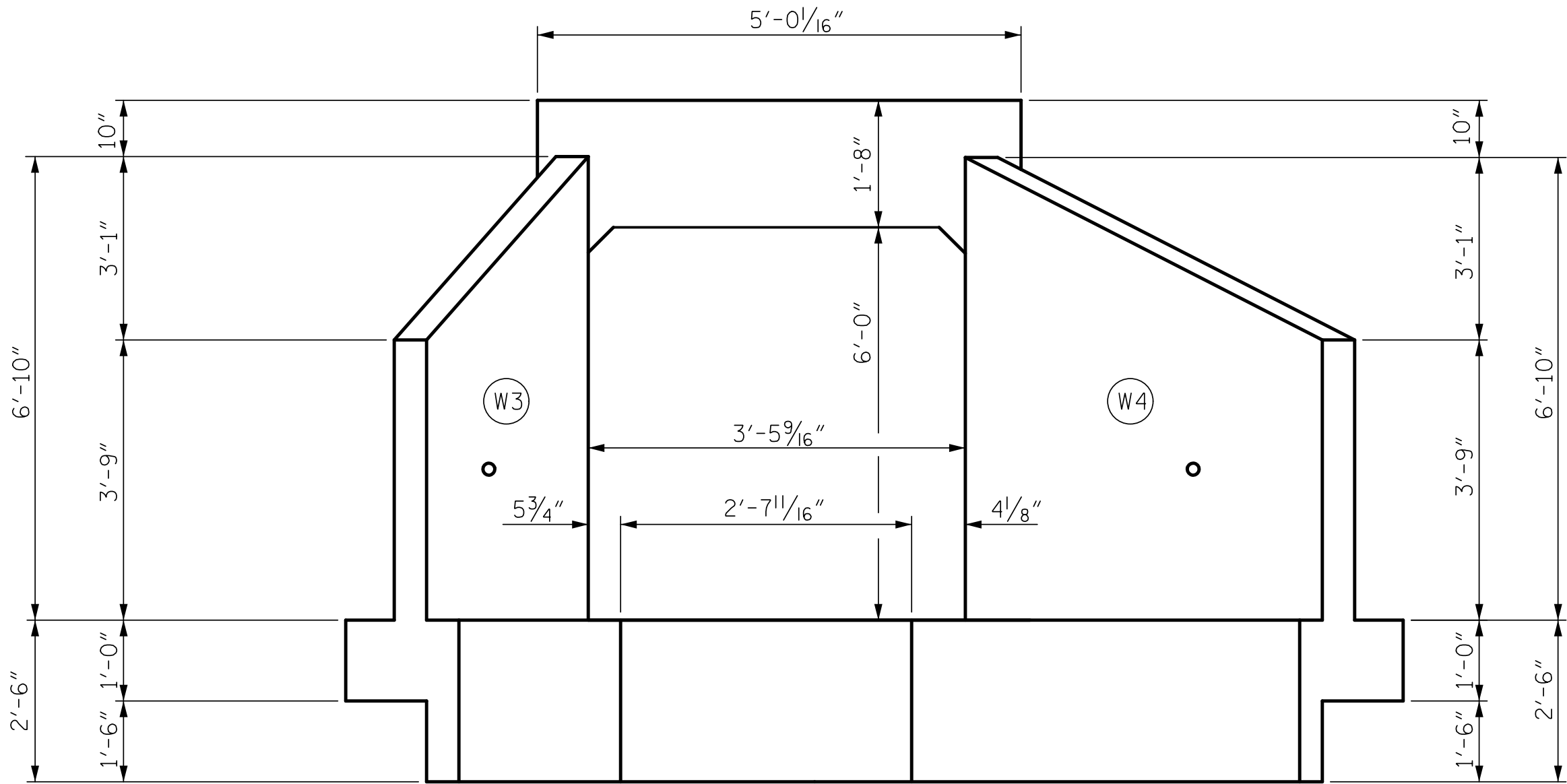
CULVERT SECTION NORMAL TO ROADWAY



SECTION X-X



RIGHT ANGLE SECTION OF BARREL
THERE ARE 28 "C" BARS IN SECTION OF BARREL



OUTLET END ELEVATION NORMAL TO SKEW

BAR TYPE			RIGHT EXTENSION BAR SCHEDULE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT			
A100	9	#4	STR	3'-11"	24			
A101	2	#4	STR	2'-3"	3			
A200	9	#4	STR	3'-11"	24			
A201	2	#4	STR	2'-3"	3			
A2	9	#4	1	9'-1"	55			
A3	9	#4	1	8'-5"	51			
B2	20	#4	STR	7'-1"	95			
B3	20	#4	STR	6'-0"	80			
C2	28	#4	STR	10'-4"	193			
D1	11	#6	STR	2'-6"	41			
D2	2	#6	STR	1'-4"	4			
G2	2	#4	STR	4'-6"	6			
H1	6	#4	STR	4'-6"	18			
L1	3	#6	2	3'-0"	14			
L2	2	#6	2	2'-3"	7			
L3	3	#6	3	3'-9"	17			
L4	2	#6	3	4'-3"	13			
S2	12	#6	STR	4'-6"	81			
REINFORCING STEEL					729 LBS			

RIGHT EXTENSION QUANTITIES

CLASS A CONCRETE		
BARREL @	0.528	CY/FT
WINGS, ETC.	8.1	C.Y.
SILL	0.1	C.Y.
BOTTOM SLAB STEP	0.5	C.Y.
TOTAL	14.4	C.Y.
REINFORCING STEEL		
BARREL & SILL	729	LBS.
WINGS, ETC.	459	LBS.
TOTAL	1,188	LBS.
CULVERT EXCAVATION	LUMP SUM	
FOUNDATION COND. MAT'L.	6 TONS	

PROJECT NO. R-5739
NORTHAMPTON COUNTY
STATION: 520+60.00 -L-

SHEET 7 OF 11



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SINGLE 3 FT. X 6 FT.
CONCRETE BOX CULVERT
60° SKEW
RIGHT EXTENSION

DRAWN BY : ZCS DATE : 8/22
CHECKED BY : MGC DATE : 1/23
DESIGN ENGINEER OF RECORD: ZCS DATE : 1/23

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED
TGS ENGINEERS
706 HILLSBOROUGH STREET
SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			C6-7
2			4			TOTAL SHEETS
						11

STR: #6