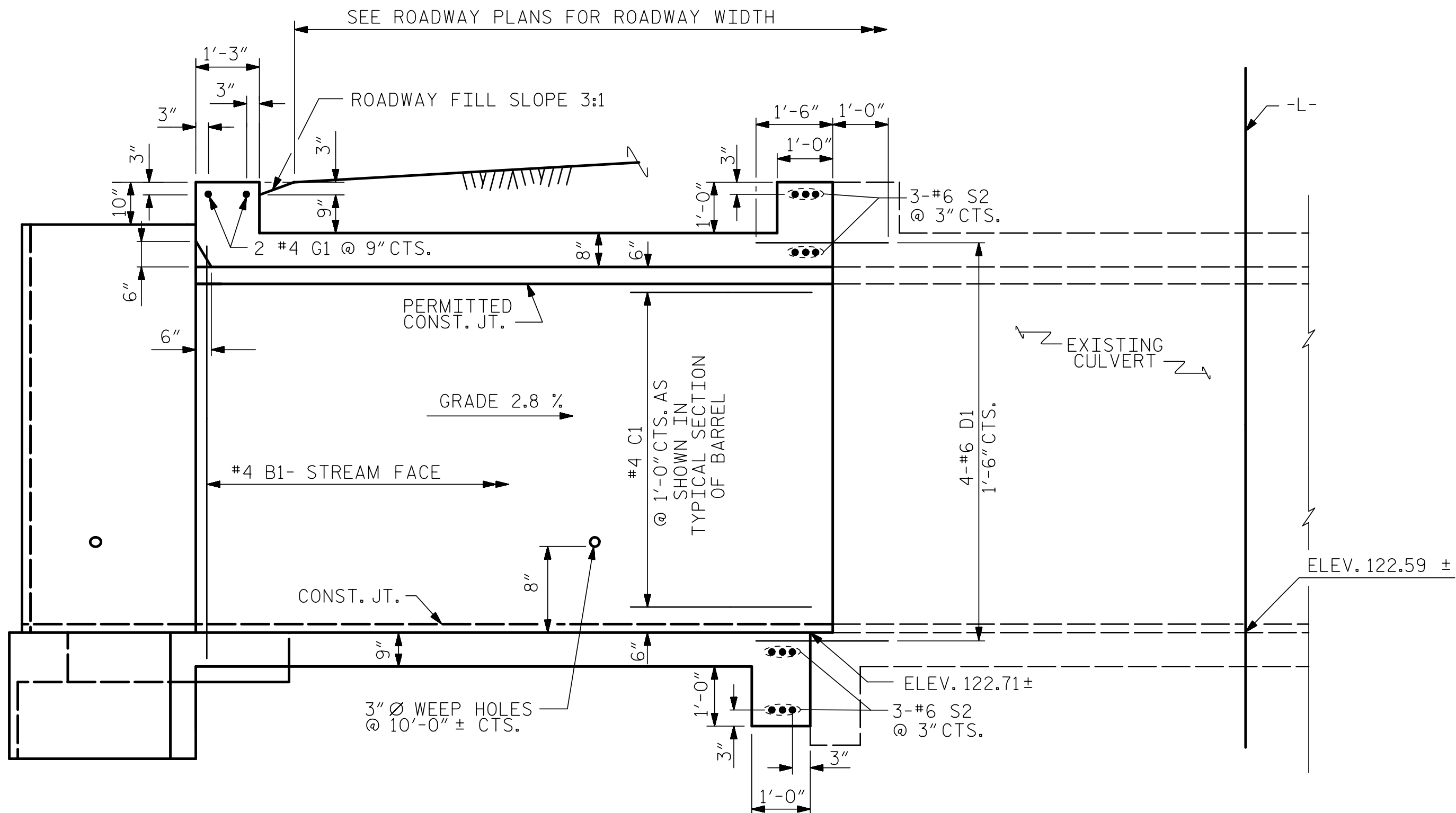
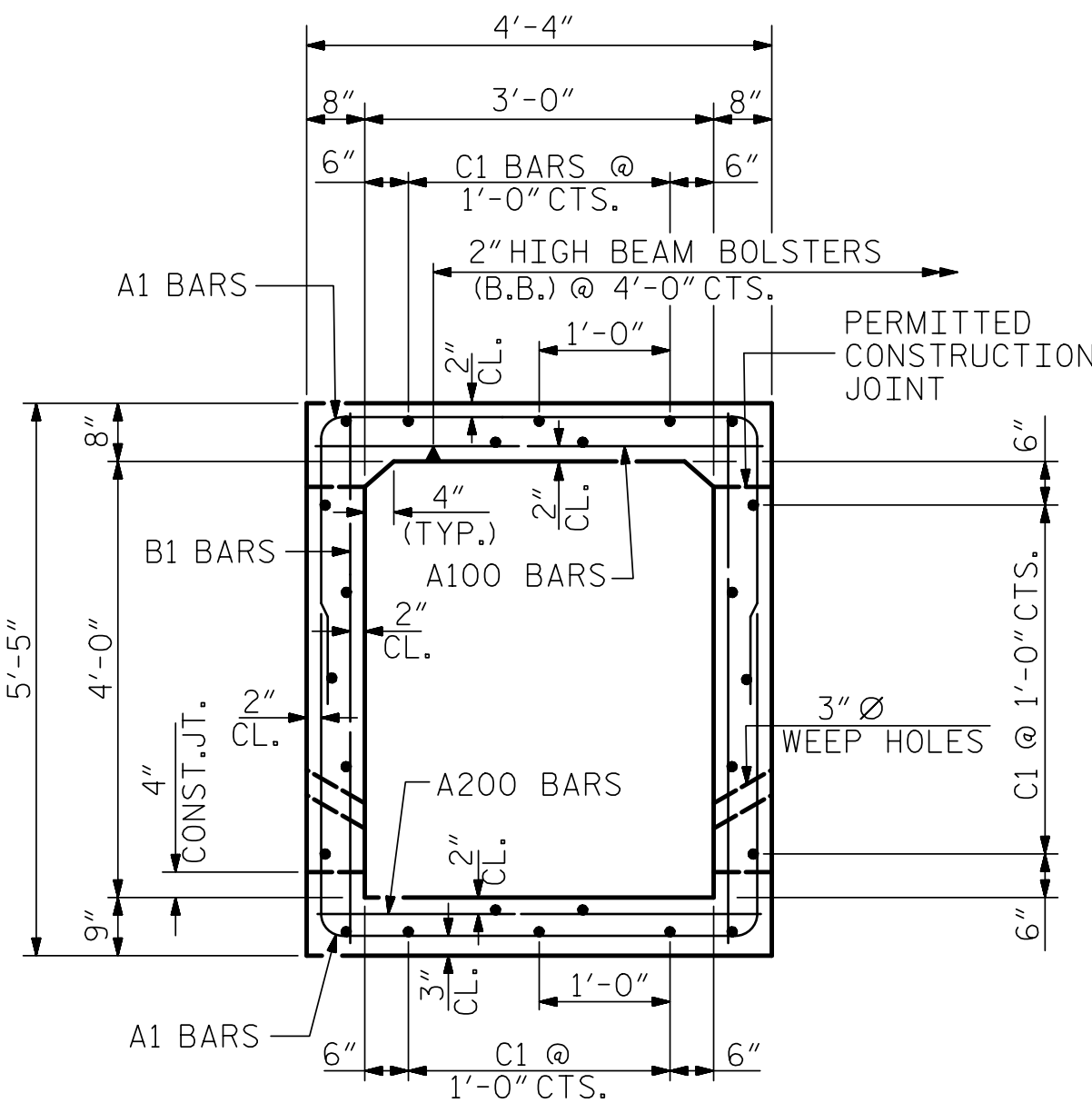


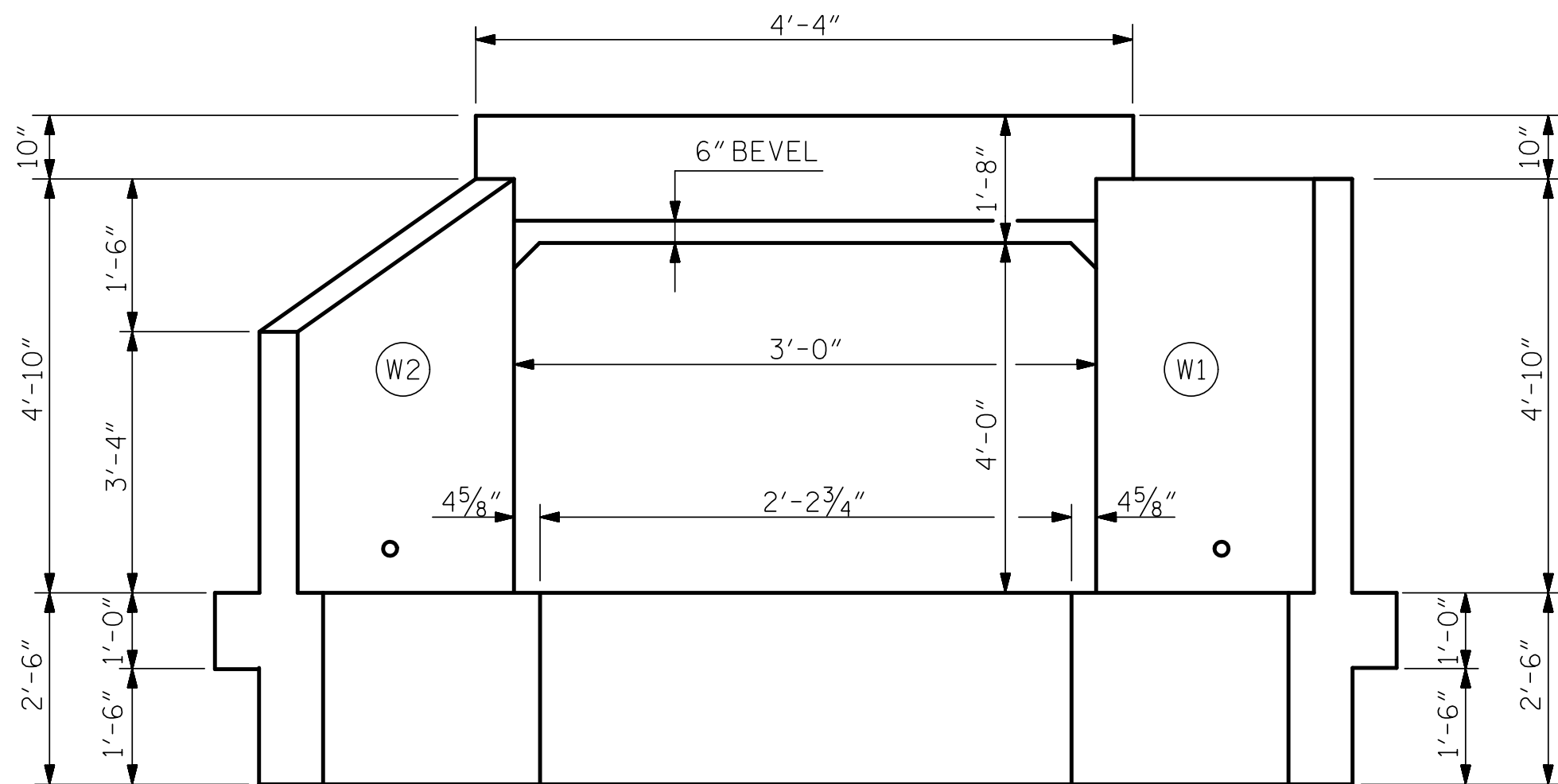


CULVERT SECTION NORMAL TO ROADWAY



RIGHT ANGLE SECTION OF BARREL

THERE ARE 24 "C" BARS IN SECTION OF BARREL



INLET END ELEVATION

BAR TYPE		LEFT EXTENSION BAR SCHEDULE					
		BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
		A100	23	#4	STR	3'-11"	60
		A101	1	#4	STR	2'-5"	2
		A102	1	#4	STR	1'-0"	1
		A200	23	#4	STR	3'-11"	60
		A201	1	#4	STR	2'-5"	2
		A202	1	#4	STR	1'-0"	1
DIMENSIONS ARE OUT TO OUT		A1	46	#4	1	10'-7"	325
SPLICE LENGTHS CHART		B1	44	#4	STR	5'-0"	147
BAR	SIZE	SPLICE LENGTH					
B1	#4	1'-10"					
C1	#4	1'-10"					
		C1	48	#4	STR	12'-8"	406
		D1	14	#6	STR	2'-6"	53
		G1	2	#4	STR	3'-11"	5
		S2	12	#6	STR	4'-10"	87
		REINFORCING STEEL					
		1149 LBS					

LEFT EXTENSION QUANTITIES	
CLASS A CONCRETE	
BARREL @ 0.429 CY/FT	9.3 C.Y.
WINGS, ETC.	4.8 C.Y.
EDGE BEAMS	0.4 C.Y.
TOTAL	14.5 C.Y.
REINFORCING STEEL	
BARREL	1,149 LBS.
WINGS, ETC.	299 LBS.
TOTAL	1,448 LBS.
CULVERT EXCAVATION	LUMP SUM
FOUNDATION COND. MAT'L.	13 TONS

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

SHEET 5 OF 11

		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH		SINGLE 3 FT. X 4 FT. CONCRETE BOX CULVERT 60° SKEW LEFT EXTENSION	
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:	
1					
2					
3					
4					
SHEET NO.		C6-5		TOTAL SHEETS	
11					

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

11/28/2023
X:\NCDDOT\NR-5739\Structures\Str. #6 (520 + 60.00 -L-)\Final Plans\DGNS\416.001.R-5739.SMU.C6-5.dgn
User:ZSmith

STR. #6