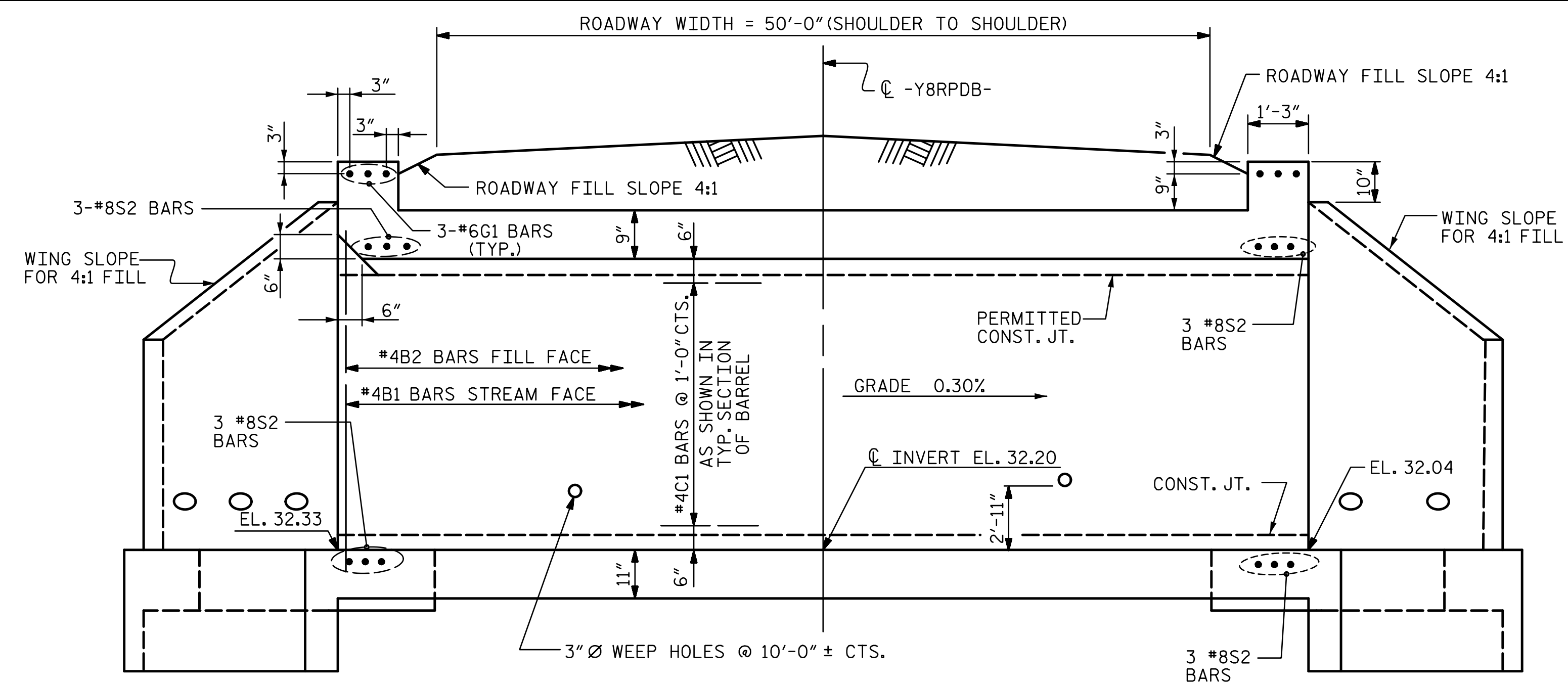
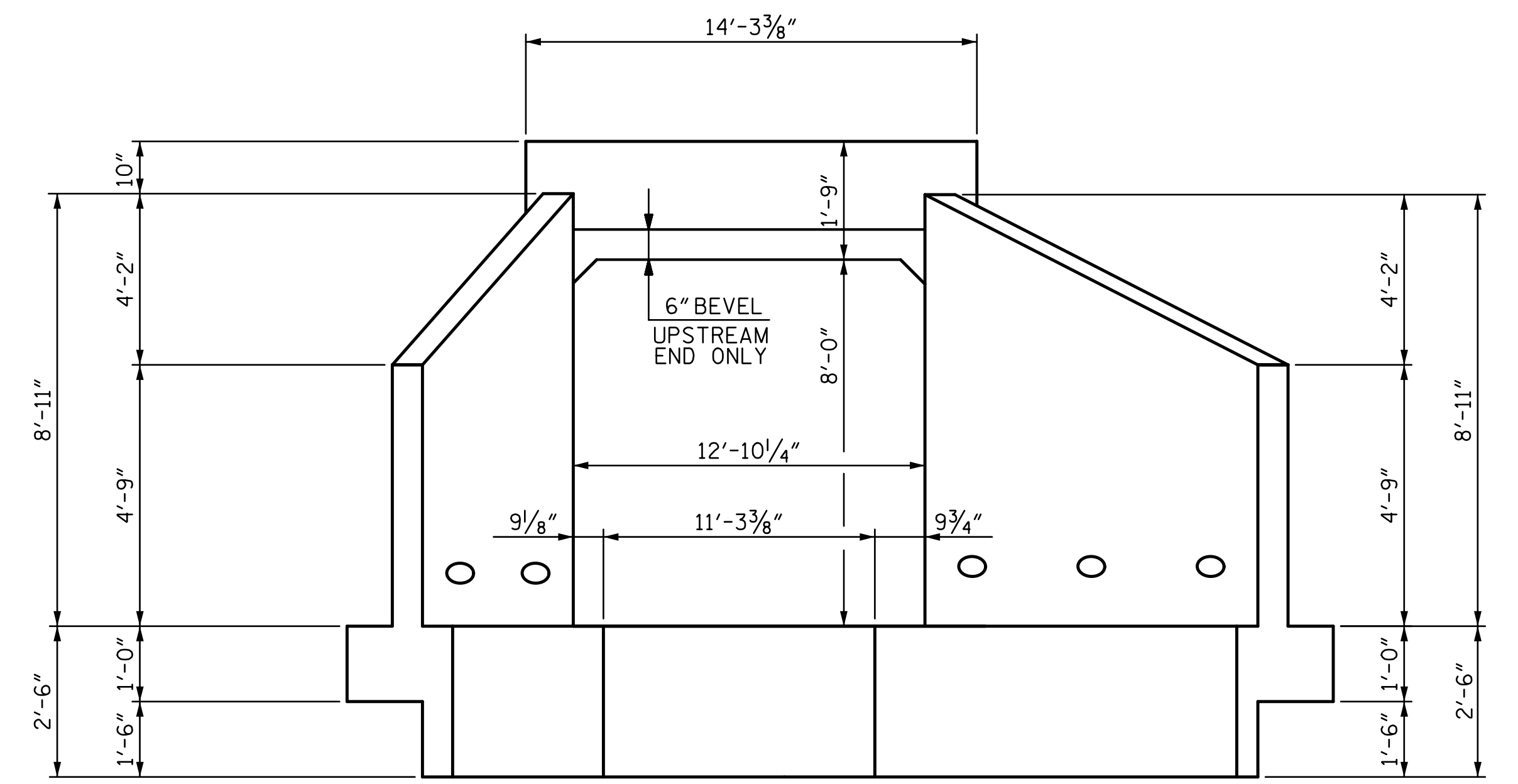


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 7/11/2017

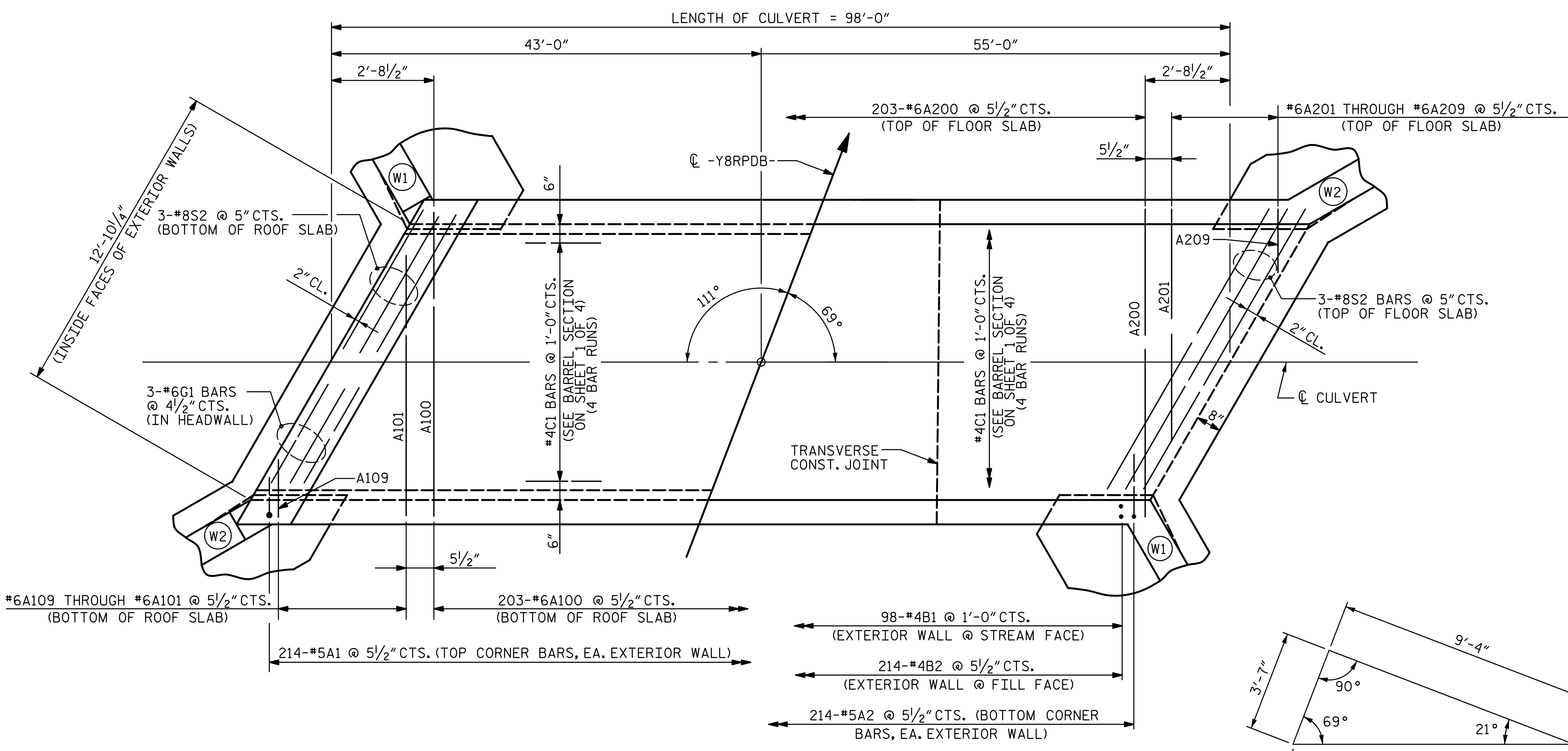


CULVERT SECTION NORMAL TO ROADWAY



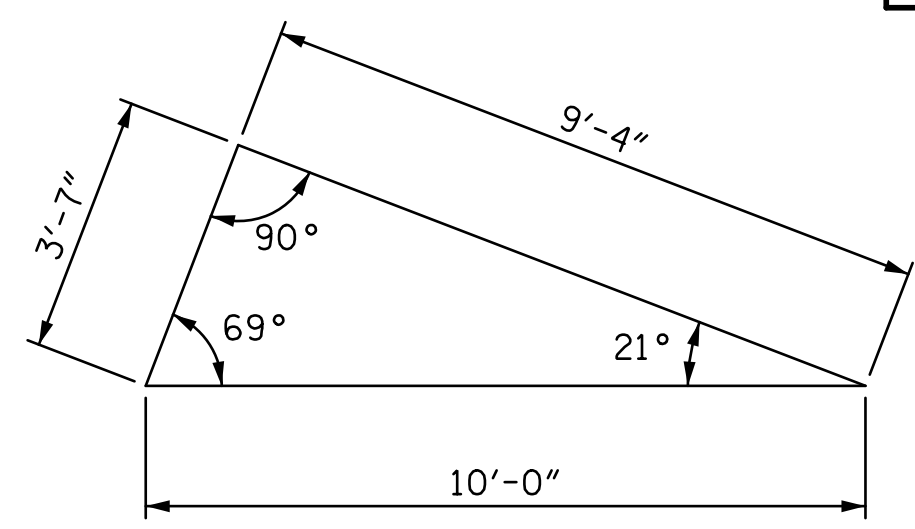
END ELEVATION NORMAL TO SKEW

(INLET END SHOWN, OUTLET END SIMILAR)



PART PLAN - ROOF SLAB

PART PLAN - FLOOR SLAB



SKEW TRIANGLE

BILL OF REINFORCING FOR BARREL																				
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT									
A1	428	#5	①	7'-4"	3,274	A200	203	#6	STR	13'-0"	3,964									
A2	428	#5	①	7'-4"	3,274	A201	2	#6	STR	11'-10"	36									
A100	203	#6	STR	13'-0"	3,964	A202	2	#6	STR	10'-8"	32									
A101	2	#6	STR	11'-10"	36	A203	2	#6	STR	9'-6"	29									
A102	2	#6	STR	10'-8"	32	A204	2	#6	STR	8'-3"	25									
A103	2	#6	STR	9'-6"	29	A205	2	#6	STR	7'-1"	21									
A104	2	#6	STR	8'-3"	25	A206	2	#6	STR	5'-11"	18									
A105	2	#6	STR	7'-1"	21	A207	2	#6	STR	4'-8"	14									
A106	2	#6	STR	5'-11"	18	A208	2	#6	STR	3'-6"	11									
A107	2	#6	STR	4'-8"	14	A209	2	#6	STR	2'-4"	7									
A108	2	#6	STR	3'-6"	11	B1	196	#4	STR	9'-3"	1,211									
A109	2	#6	STR	2'-4"	7	B2	428	#4	STR	7'-4"	2,097									
						BAR TYPES ALL BAR DIMENSIONS ARE OUT TO OUT. 														
						SPLICE LENGTH CHART <table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>#4</td> <td>1'-9"</td> </tr> <tr> <td>C1</td> <td>#4</td> <td>1'-9"</td> </tr> </tbody> </table>						BAR	SIZE	SPLICE LENGTH	B2	#4	1'-9"	C1	#4	1'-9"
BAR	SIZE	SPLICE LENGTH																		
B2	#4	1'-9"																		
C1	#4	1'-9"																		
						TOTAL REINFORCING STEEL 21,906 LBS.														

PROJECT NO. U-4751
 NEW HANOVER COUNTY
 STATION: 42+78.00 -Y8RPDB-
 SHEET 3 OF 4

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

 7/12/2017

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
SINGLE 12'-0" X 8'-0" CONCRETE BOX CULVERT
69°-00'-00" SKEW

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

TOTAL SHEETS 4

DRAWN BY : LGH DATE : 5-17
 CHECKED BY : MLO DATE : 5-17
 DESIGN ENGINEER OF RECORD : J. JONES DATE : 5-17