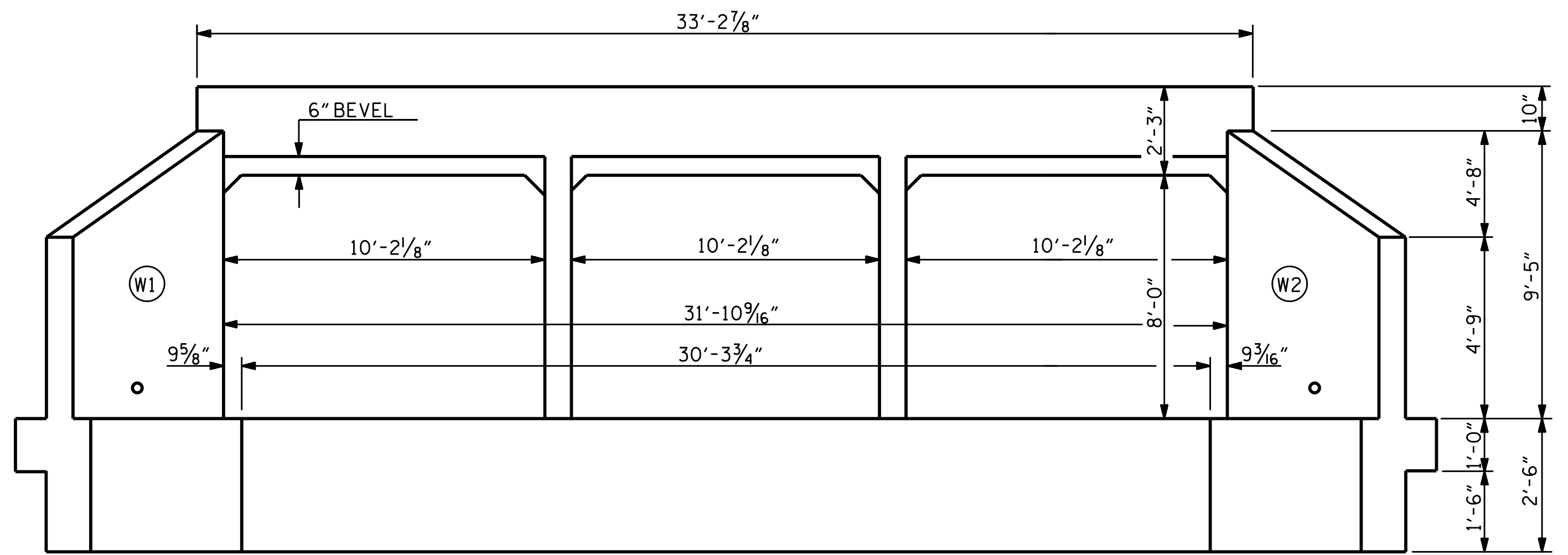
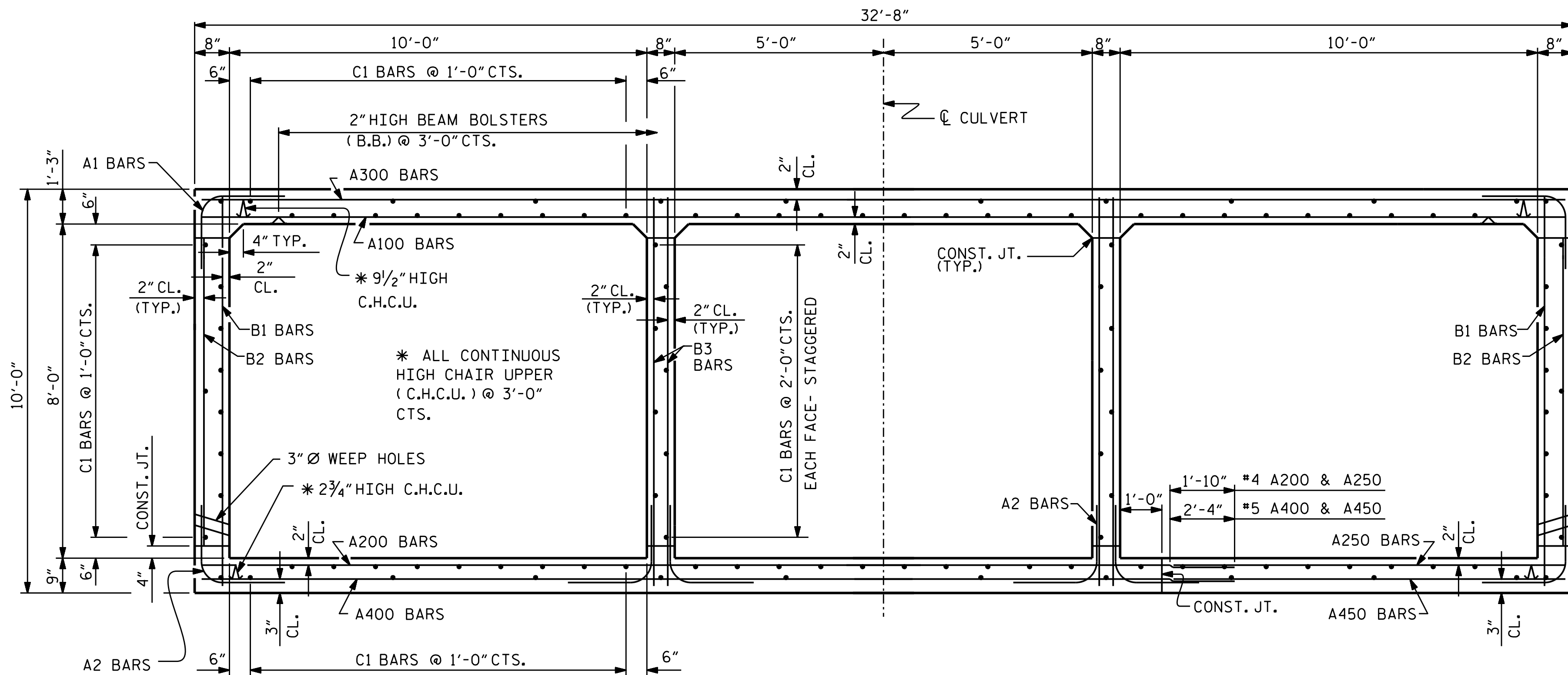


CULVERT EXTENSION SECTION NORMAL TO ROADWAY



INLET END ELEVATION NORMAL TO SKEW



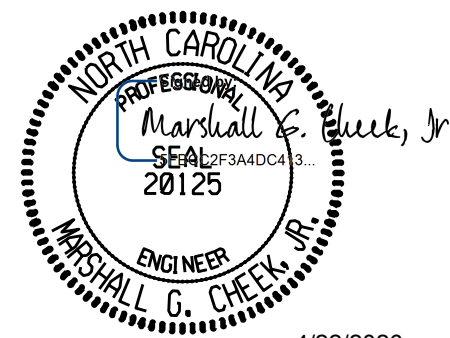
RIGHT ANGLE SECTION OF BARREL

THERE ARE 114 "C" BARS IN SECTION OF BARREL.
FIELD BEND C1 AS NECESSARY
LOOKING DOWNSTREAM

RIGHT EXTENSION QUANTITIES			
CLASS A CONCRETE			
BARREL @	3.22	CY/FT	38.6 C.Y.
WINGS, ETC.			14.7 C.Y.
TOTAL			53.3 C.Y.
REINFORCING STEEL			
BARREL			5,719 LBS.
WINGS, ETC.			778 LBS.
TOTAL			6,497 LBS.
CULVERT EXCAVATION			LUMP SUM
FOUNDATION COND. MAT'L.			32 TONS

PROJECT NO. HN-0031
TRANSYLVANIA COUNTY
STATION: 16+45.00 -L-

SHEET 8 OF 12



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 10 FT. X 8 FT.
CONCRETE BOX CULVERT
RIGHT EXTENSION

ASSEMBLED BY : ZCS DATE : 1/26
CHECKED BY : MGC DATE : 2/26
DESIGN ENGINEER OF RECORD: ZCS DATE : 2/26

2/24/2026
C:\work\dir\ncdot-pw.bentley.com.ncdot-pw-01\zachary smith\d0363433\HN-0031-SMU-CU-87.dgn
ZSmith

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED
TGS ENGINEERS
201 W. MARION ST STE 200
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			C-8
2			4			TOTAL SHEETS 12