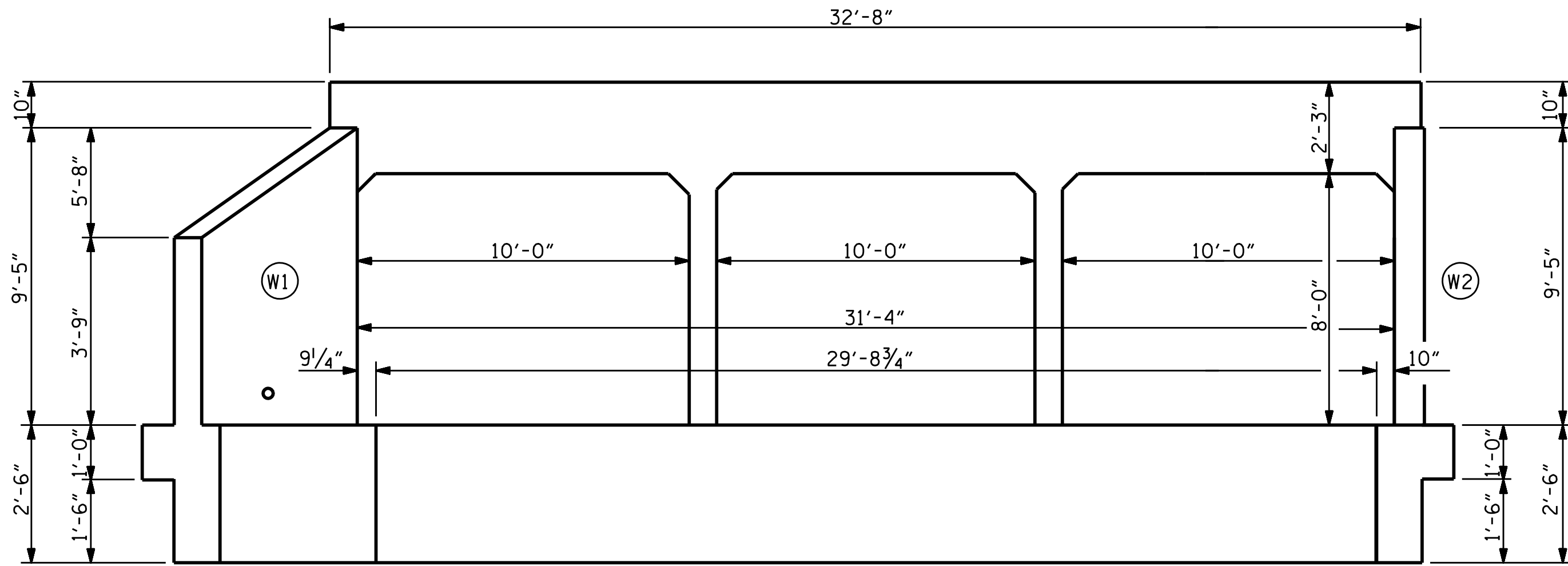
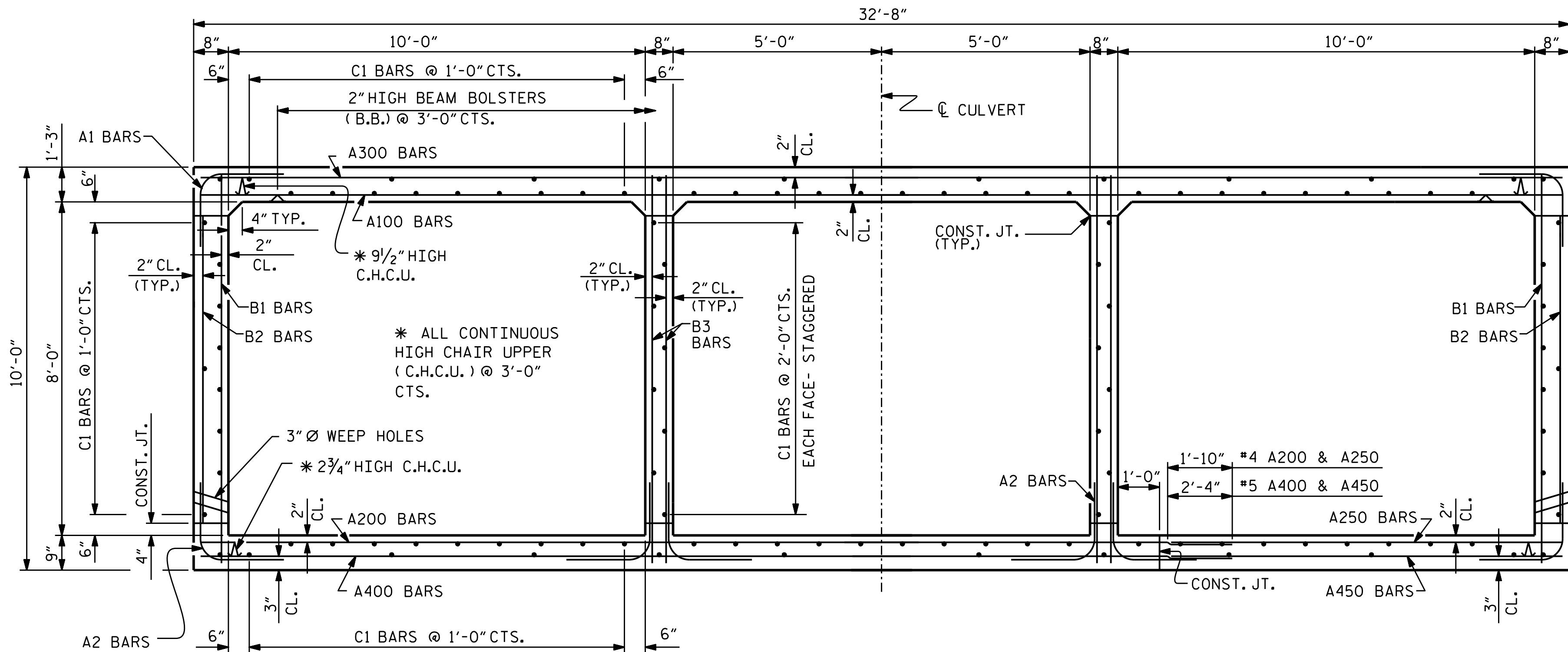


CULVERT EXTENSION SECTION NORMAL TO ROADWAY



OUTLET END ELEVATION NORMAL TO SKEW



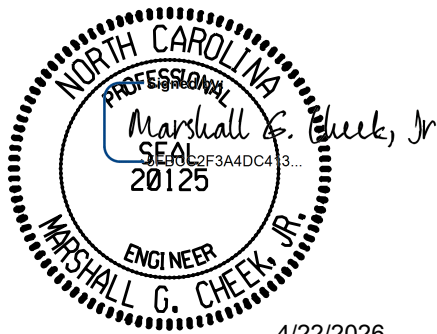
RIGHT ANGLE SECTION OF BARREL

THERE ARE 114 "C" BARS IN SECTION OF BARREL.
LOOKING DOWNSTREAM

LEFT EXTENSION QUANTITIES		
CLASS A CONCRETE		
BARREL @	3.22 CY/FT	48.3 C.Y.
WINGS, ETC.		19.7 C.Y.
TOTAL		68.0 C.Y.
REINFORCING STEEL		
BARREL		6,153 LBS.
WINGS, ETC.		1,171 LBS.
TOTAL		7,324 LBS.
CULVERT EXCAVATION		LUMP SUM
FOUNDATION COND. MAT'L.		39 TONS

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

SHEET 3 OF 12



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 10 FT. X 8 FT.
CONCRETE BOX CULVERT
LEFT EXTENSION
90°-00'-00" SKEW

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

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