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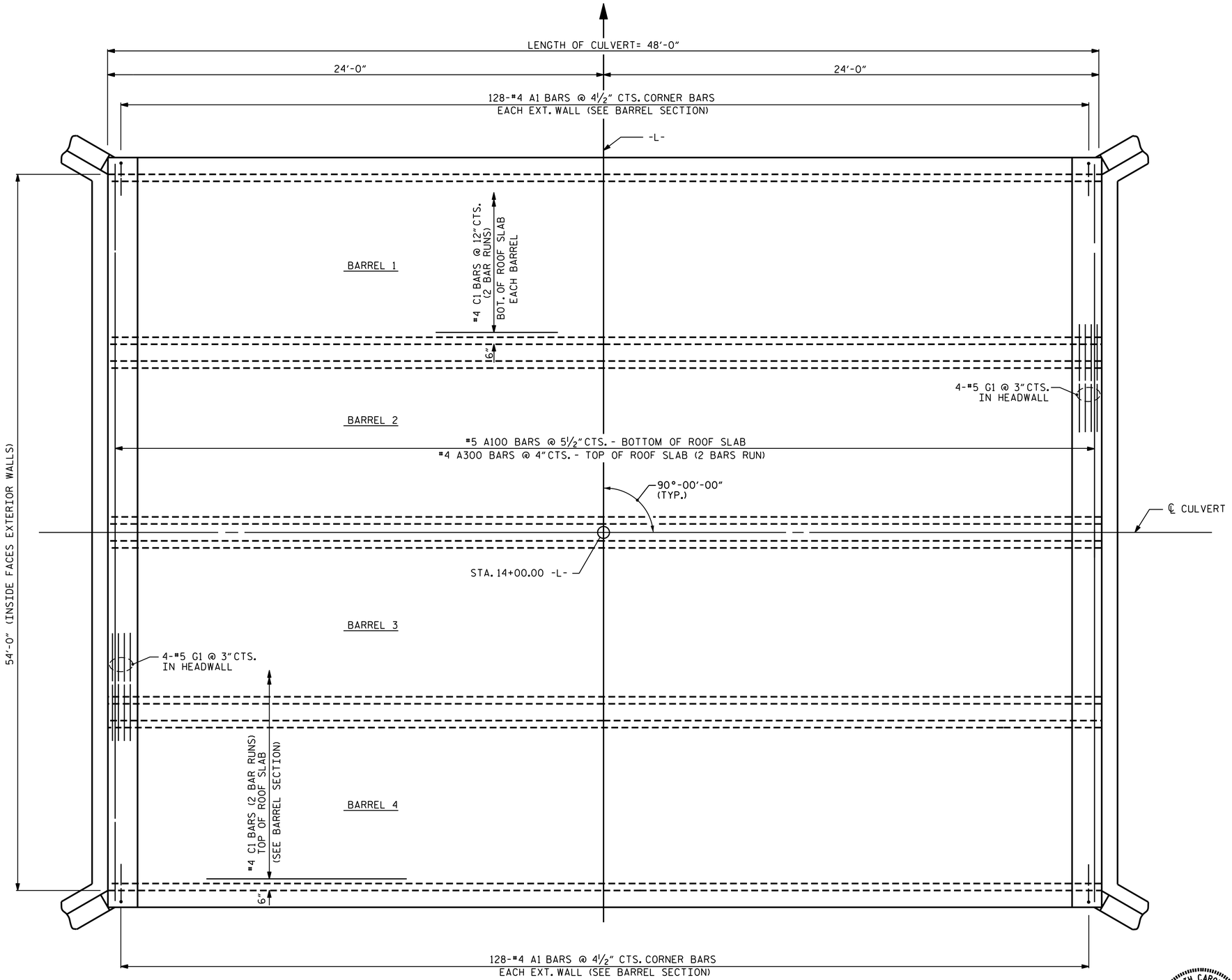

PLAN - ROOF SLAB

PHASE III CONSTRUCTION

BILL OF MATERIAL

PHASE III

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A100	105	#5	STR	55'-1"	6032
A300	288	#4	STR	28'-7"	5499
C1	138	#4	STR	24'-11"	2297
G1	8	#5	STR	55'-2"	460
REINFORCING STEEL				LBS.	14288

SPLICE LENGTH CHART

BAR	SIZE	SPLICE LENGTH
A300	#4	1'-11"
C1	#4	1'-11"

TOTAL STRUCTURE QUANTITIES

PHASE III

CLASS A CONCRETE

ROOF SLAB	135.7 C.Y.
HEADWALLS	5.1 C.Y.
TOTAL	140.8 C.Y.

REINFORCING STEEL

ROOF SLAB & HEADWALLS	14,288 LBS.

PROJECT NO. B-5127

HOKE COUNTY

STATION: 14+00.00 -L-

SHEET 4 OF 8

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

QUADRUPLE 13 FT. X 13 FT. CONCRETE BOX CULVERT 90° SKEW

PHASE III

NORTH CAROLINA PROFESSIONAL SEAL 16301 ENGINEER TING-HSILUNG FANG

DocuSigned by: Ting-H. Fang
E72085A0997743...
12/19/2014

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

STD. NO. CB14

DRAWN BY :	E.I. OMILE	DATE :	4/13
CHECKED BY :	S.L. WANCE	DATE :	4/13
DESIGN ENGINEER OF RECORD:	E.I. OMILE	DATE :	11/5/14
DRAWN BY :	RALPH D. UNDERWOOD	DATE :	MAY, 1971
CHECKED BY :	JOEL A. JOHNSON	DATE :	JUNE, 1971

REVISED 11-19-99 BY M.M. CHECKED BY R.W.W.
B.E.WYNN NOV. 1999 CHECKED BY D.A.C.