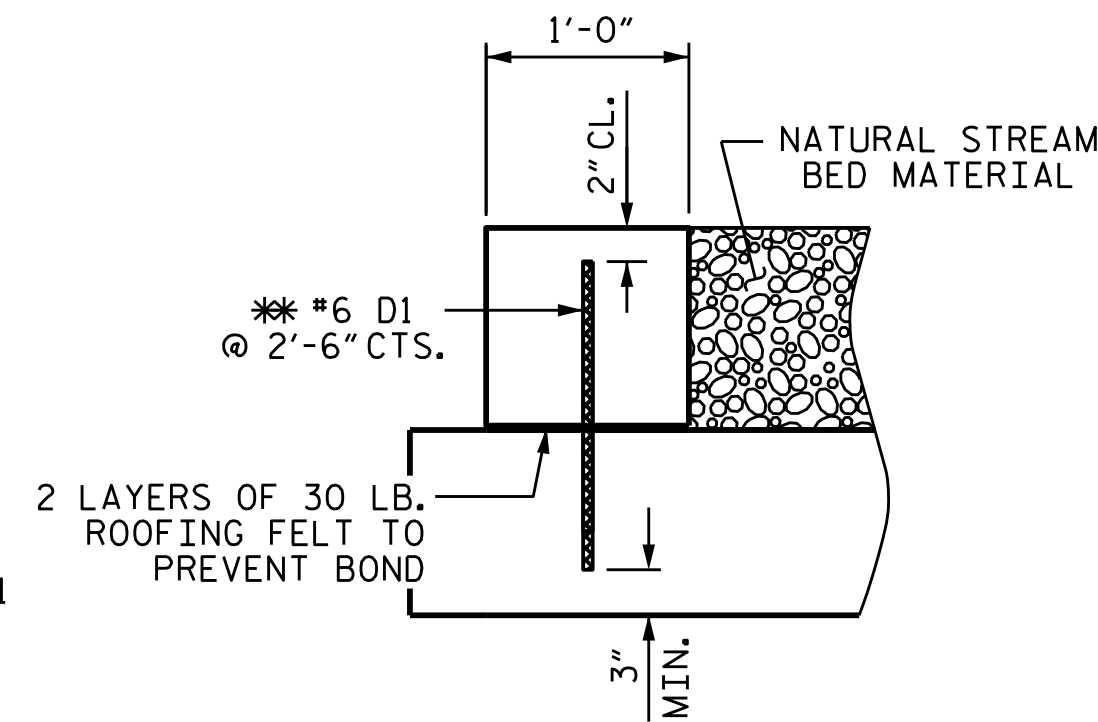


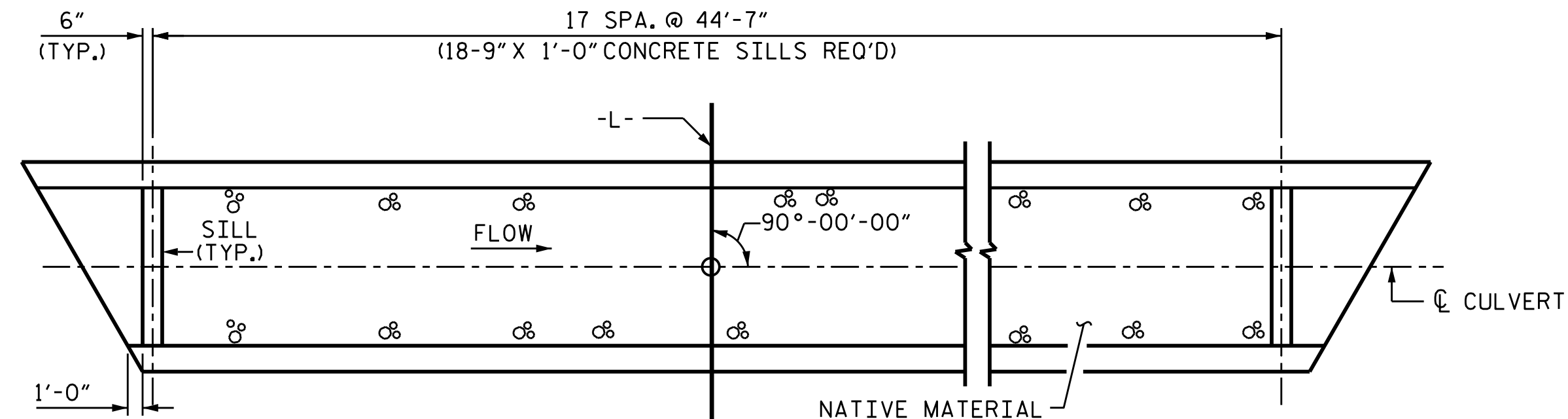
ELEVATION  
(LOOKING DOWNSTREAM)



SECTION THROUGH SILL  
\*\* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.

**NOTES**  
MATERIAL EXCAVATED FROM THE EXISTING BED SHALL BE STOCKPILED FOR USE IN THE PROPOSED CULVERT AS SHOWN IN THE "PLAN VIEW". BED MATERIAL SHALL BE SUPPLEMENTED WITH CLASS "B" RIP RAP AS NECESSARY. IF CLASS "B" RIP RAP IS USED, NATURAL MATERIAL SHALL BE PLACED ON TOP AND LEVELED TO FACILITATE ANIMAL PASSAGE. BED MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.  
THE ENTIRE COST OF WORK REQUIRED TO PLACE THE EXCAVATED MATERIAL OR SUPPLEMENTAL MATERIAL AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE BID FOR CULVERT EXCAVATION.

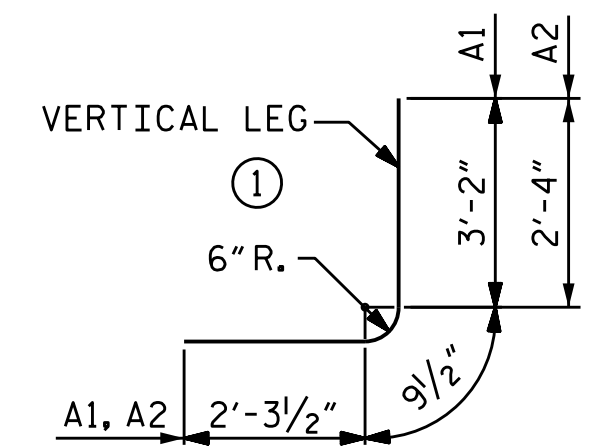
THE ENTIRE COST OF WORK REQUIRED TO CONSTRUCT THE SILLS SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS.



PLAN

**CULVERT SILL DETAILS**

**BAR TYPE**



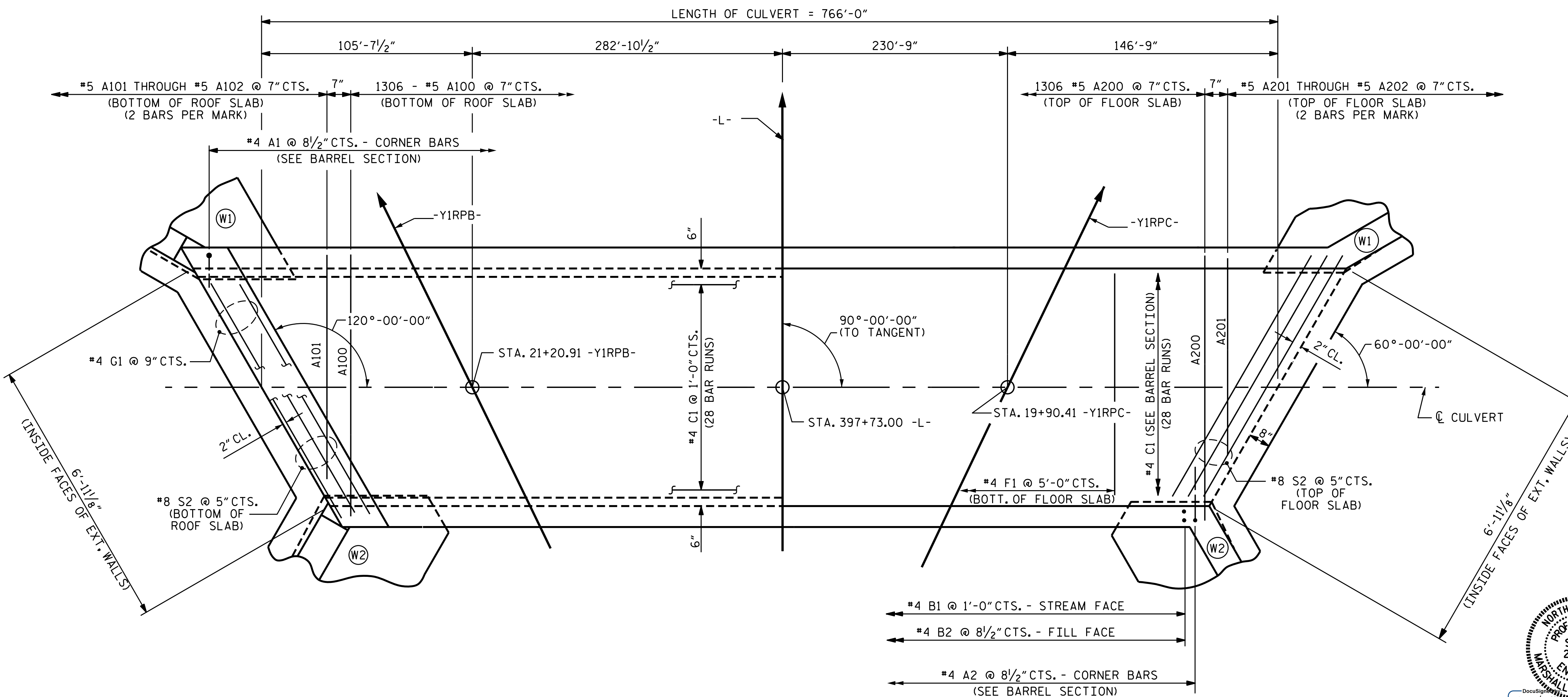
BAR DIMENSIONS ARE OUT TO OUT.

**BILL OF MATERIAL**

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	#4	1	6'-3"	9035
A2	#4	1	5'-5"	7830
A100	#5	STR.	7'-6"	10216
A101	#5	STR.	5'-7"	23
A102	#5	STR.	3'-7"	15
A200	#5	STR.	7'-6"	10216
A201	#5	STR.	5'-7"	23
A202	#5	STR.	3'-7"	15
B1	#4	STR.	9'-3"	9466
B2	#4	STR.	6'-4"	9155
C1	#4	STR.	29'-7"	22133
D1	#6	STR.	1'-8"	135
F1	#4	STR.	4'-0"	409
G1	#4	STR.	8'-9"	23
S2	#8	STR.	8'-9"	280
REINFORCING STEEL				LBS. 78,974

**SPLICE LENGTH CHART**

BAR	SIZE	SPLICE LENGTH
B1	#4	1'-5"
C1	#4	1'-11"



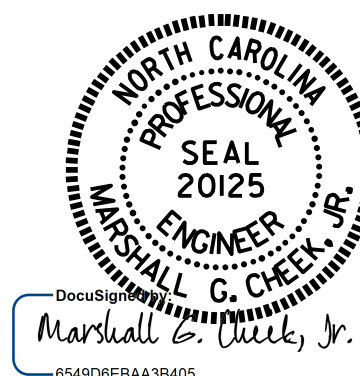
PART PLAN - ROOF SLAB

PART PLAN - FLOOR SLAB

PROJECT NO. U-2579C  
FORSYTH COUNTY  
 STATION: 397+73.00 -L-

SHEET 4 OF 5

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SINGLE 6 FT. X 7 FT.  
 CONCRETE BOX CULVERT



7/27/2017

ASSEMBLED BY : N.D.AIUTO DATE : 3/31/16  
 CHECKED BY : H.A.LOCKLEAR DATE : 4/6/16  
 DESIGN ENGINEER OF RECORD : J.K.BOWLES DATE : 4/6/16

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C1-4
1			3			TOTAL SHEETS
2			4			5

STR. #5