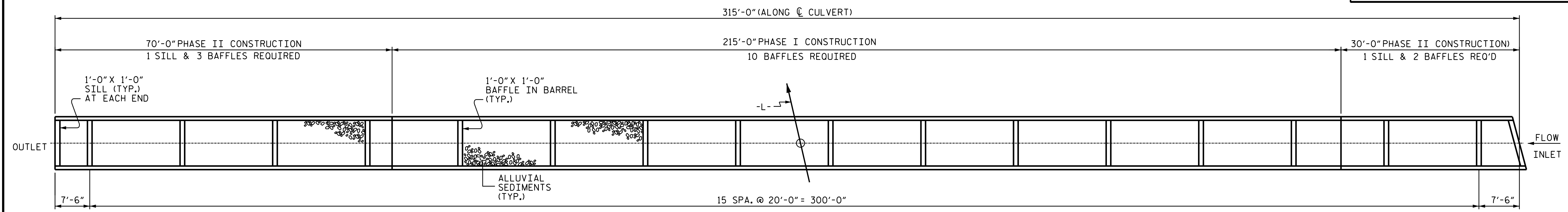


SPLICE LENGTHS CHART

BAR	SIZE	SPLICE LENGTH
"C"	#4	1'-11"

BAR SCHEDULE

PHASE I CONSTRUCTION						PHASE II CONSTRUCTION					
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
A1	860	4	1	5'-6"	3160	A1	399	4	1	5'-6"	1466
A2	860	4	1	5'-2"	2968	A2	399	4	1	5'-2"	1377
A100	430	5	STR	7'-11"	3551	A100	198	5	STR	7'-11"	1635
						A101	1	5	STR	6'-4"	7
A200	430	5	STR	7'-11"	3551	A102	1	5	STR	4'-5"	5
						A103	1	5	STR	2'-5"	3
B1	430	4	STR	9'-5"	2705						
B2	860	4	STR	7'-4"	4213	A200	198	5	STR	7'-11"	1635
						A201	1	5	STR	6'-4"	7
C2	360	4	STR	29'-1"	6994	A202	1	5	STR	4'-5"	5
						A203	1	5	STR	2'-5"	3
D1	30	6	STR	1'-7"	71						
						B1	203	4	STR	9'-5"	1277
F1	43	4	STR	4'-1"	117	B2	401	4	STR	7'-4"	1964
REINFORCING STEEL LBS.					27,330	REINFORCING STEEL LBS.					12,955



PLAN OF SILL & BAFFLE LOCATIONS

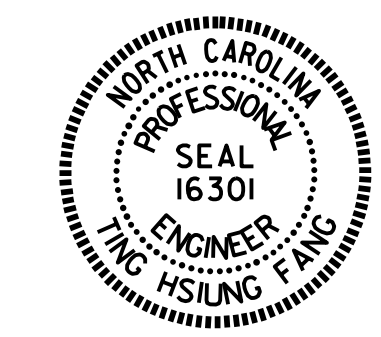
CULVERT FLOOR SLAB IS BURIED 1' BELOW EXISTING STREAM BED. BACKFILL BARREL WITH ALLUVIAL SEDIMENTS TO SILL HEIGHT.

THE ALLUVIAL SEDIMENTS CONSISTS OF MATERIAL THAT IS EXCAVATED FROM THE STREAM BED AT THE PROJECT SITE DURING CULVERT CONSTRUCTION. ONLY MATERIAL THAT IS EXCAVATED FROM THE STREAM BED MAY BE USED TO LINE THE CULVERT BARREL.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE ALLUVIAL SEDIMENTS BACKFILL SHALL BE PLACED PRIOR TO THE CASTING OF THE ROOF SLAB.

PROJECT NO. U-2524D
GUILFORD COUNTY
 STATION: 505+19.00 -L-

SHEET 4 OF 7



DocuSigned by:
 Ting Fang
 7/15/2016

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

CULVERT #4
 SINGLE 7 FT. X 8 FT.
 CONCRETE BOX CULVERT
 101° SKEW

DRAWN BY: REZA KOUCHEKI DATE: 4/29/16
 CHECKED BY: T. H. FANG DATE: 5/15/16
 DESIGN ENGINEER OF RECORD: REZA KOUCHEKI DATE: 1/29/16

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TOTAL SHEETS	34
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REVISED 11-19-99 BY M.M. CHECKED BY R.W.W.