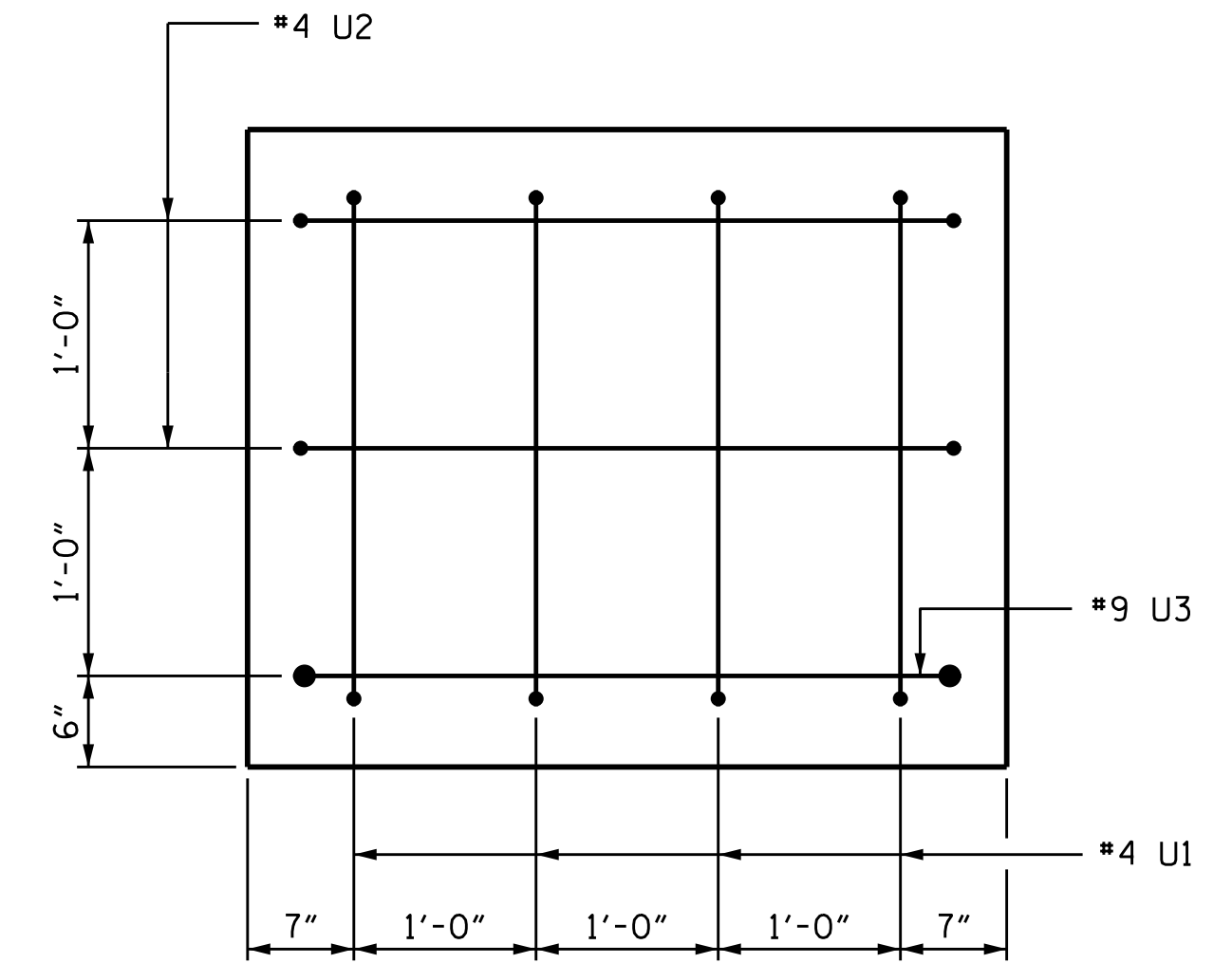
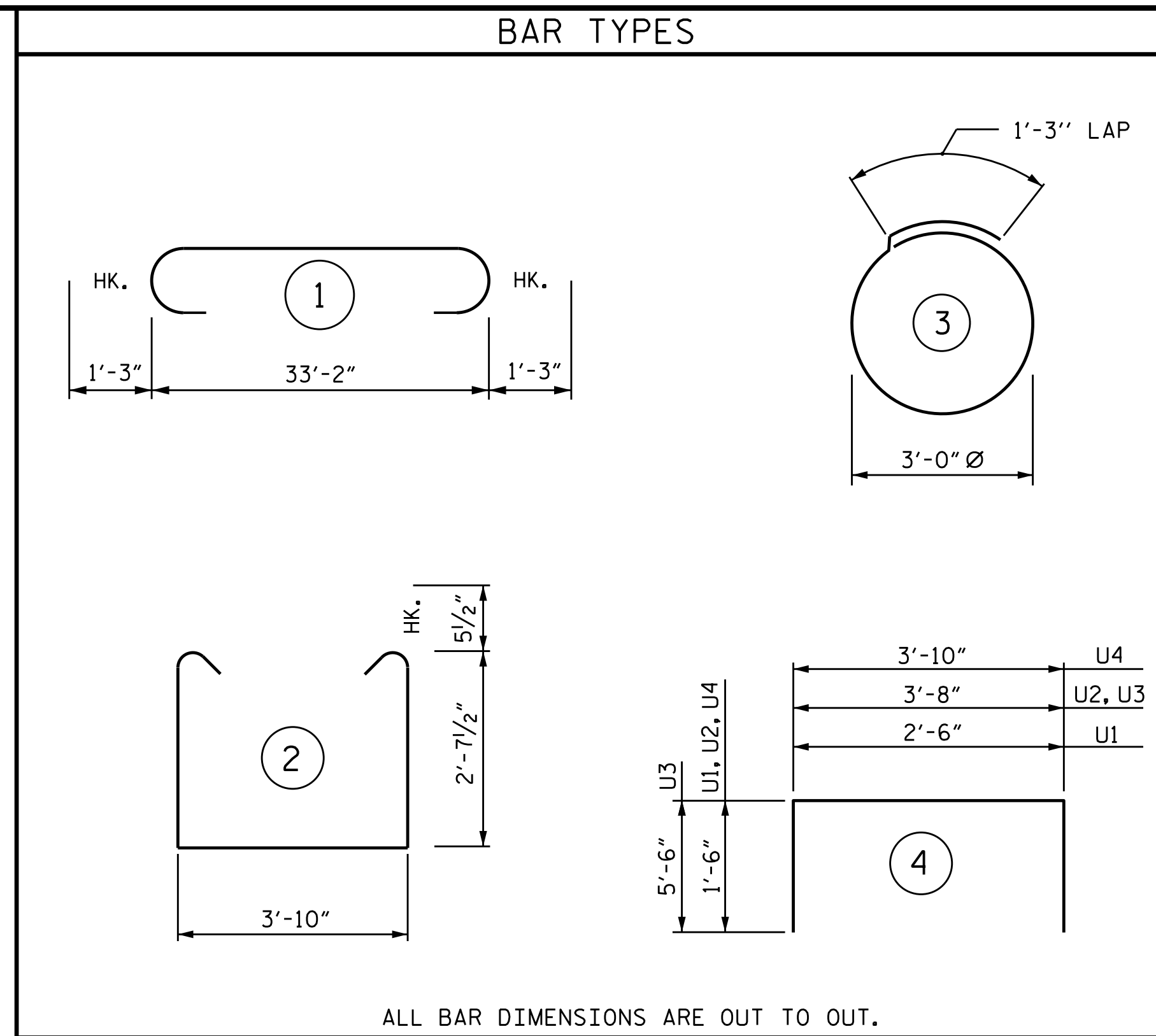


**SECTION A-A**  
\*INVERT ALTERNATE



**END VIEW**

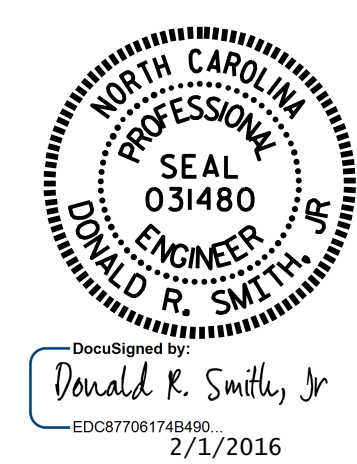


ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#9	STR	33'-4"	453
B2	6	#9	1	35'-8"	728
B3	4	#5	STR	33'-4"	139
B4	10	#4	STR	17'-11"	120
B5	9	#4	STR	3'-10"	23
B6	6	#5	STR	6'-11"	43
S1	30	#5	2	10'-0"	313
S2	8	#4	3	10'-8"	57
U1	8	#4	4	5'-6"	29
U2	4	#4	4	6'-8"	18
U3	2	#9	4	14'-8"	100
U4	28	#4	4	6'-10"	128
REINFORCING STEEL				LBS.	2,151
CLASS A CONCRETE				C.Y.	15.5
PP 24 X 0.50 GALVANIZED STEEL PILES NO. 4				LN. FT.	220

PROJECT NO. B-5142  
IREDELL COUNTY  
STATION: 22+06.00 -L-

SHEET 2 OF 2



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUBSTRUCTURE  
BENT 2

DRAWN BY : J.D. HAWK DATE : 6-11-15  
CHECKED BY : K.D. LAYNE DATE : 7-2-15  
DESIGN ENGINEER OF RECORD: T.H. CARROLL DATE : 8-18-15

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-29
1			3			TOTAL SHEETS
2			4			38