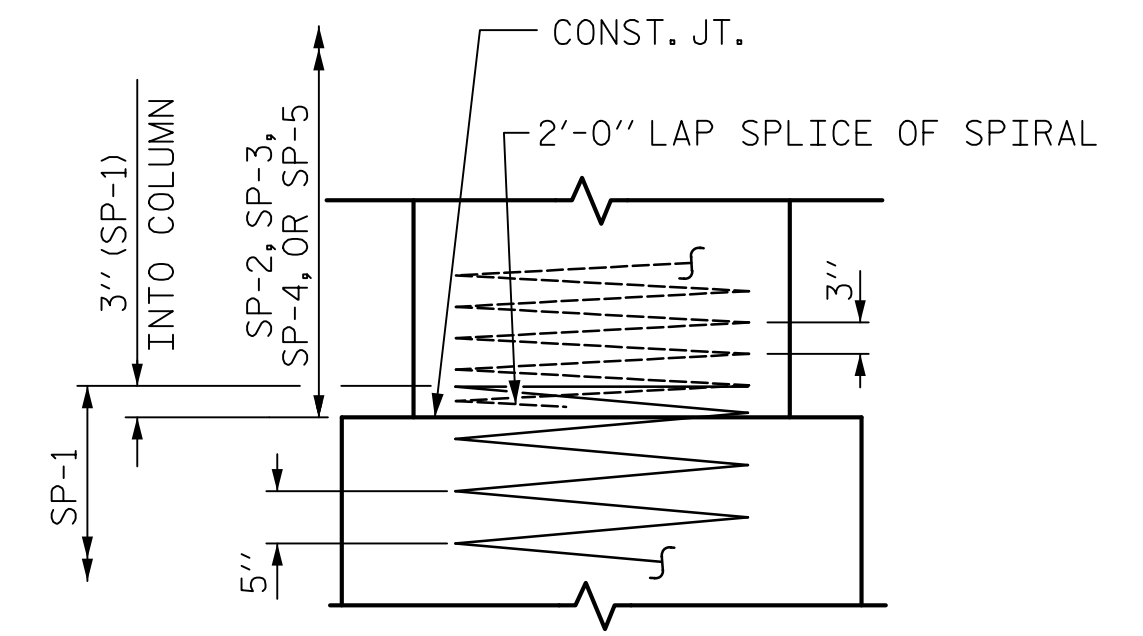
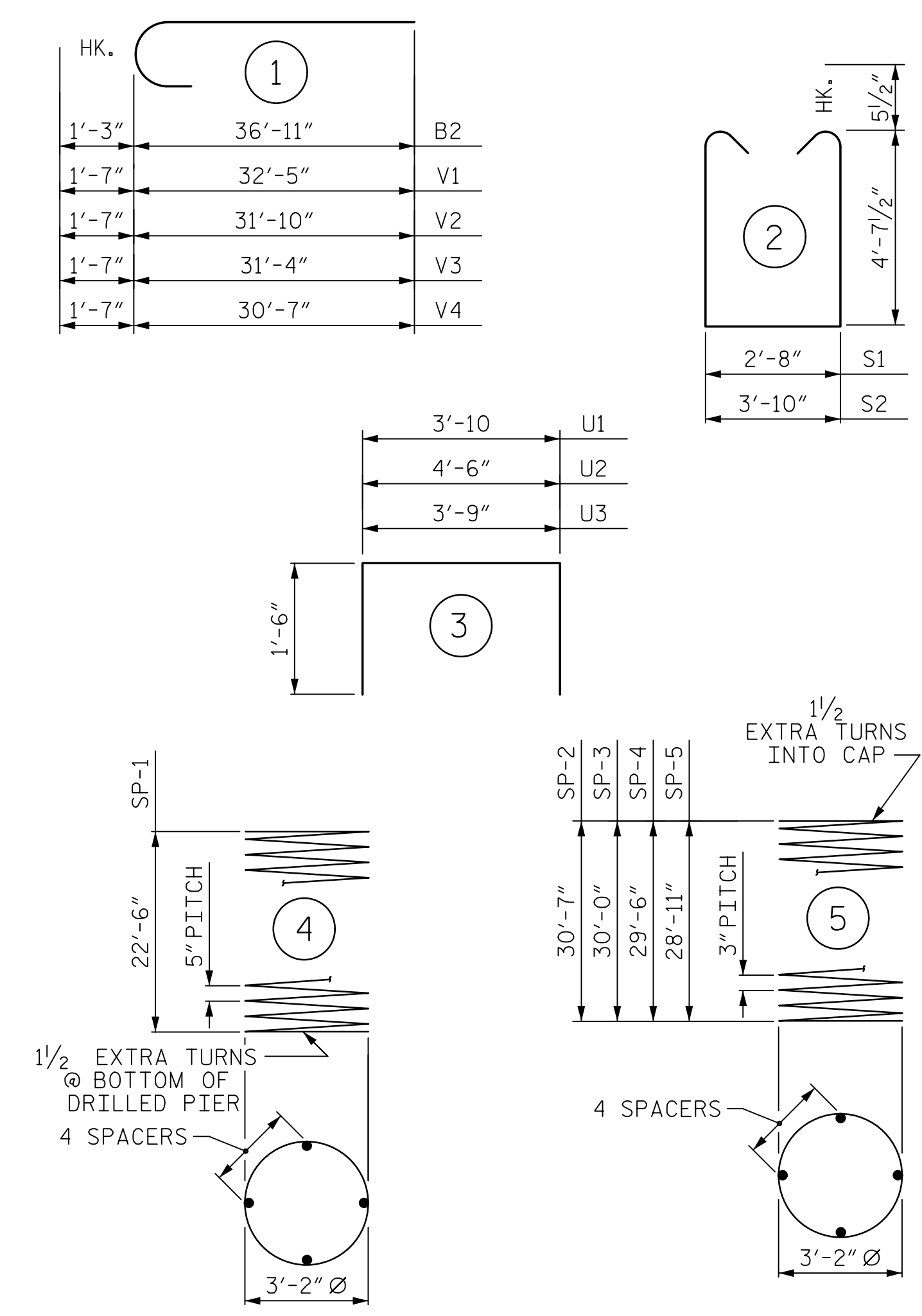


END ELEVATION



CONSTRUCTION JOINT DETAIL

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	20	#11	STR	36'-9"	3905
B2	20	#9	1	38'-2"	2595
B3	20	#7	STR	36'-5"	1489
B4	42	#4	STR	3'-10"	108
M1	96	#10	STR	30'-7"	12634
S1	166	#5	2	12'-10"	2222
S2	48	#5	2	14'-0"	701
U1	49	#4	3	6'-10"	224
U2	8	#4	3	7'-6"	40
U3	10	#4	3	6'-9"	45
V1	12	#11	1	34'-0"	2168
V2	12	#11	1	33'-5"	2131
V3	12	#11	1	32'-11"	2099
V4	12	#11	1	32'-2"	2051

REINFORCING STEEL 32412 LBS.					
SP-1	4	*	4	543'-7"	2268
SP-2	1	**	5	1217'-9"	813
SP-3	1	**	5	1193'-3"	797
SP-4	1	**	5	1173'-7"	784
SP-5	1	**	5	1153'-11"	771

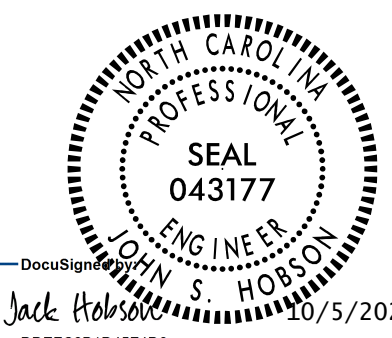
SPIRAL COLUMN REINFORCING STEEL 5433 LBS.
 * THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR
 ** THE SP-2, SP-3, SP-4, AND SP-5 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR

CLASS A CONCRETE BREAKDOWN	
POUR #2 (COLUMNS)	42.0 C.Y.
POUR #3 (CAP)	55.0 C.Y.
TOTAL CLASS A CONCRETE	97.0 C.Y.

DRILLED PIERS:	
DRILLED PIER CONCRETE	
POUR #1 (DRILLED PIERS)	66.9 C.Y.



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PROJECT NO. U-5808
 UNION COUNTY
 STATION: 55+00.96 -L2-
 SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-47
1			3			TOTAL SHEETS
2			4			56

DRAWN BY : C.C. CAMPBELL DATE : 06/15/23
 CHECKED BY : J.S. HOBSON DATE : 06/20/23
 DESIGN ENGINEER OF RECORD : J.S. HOBSON DATE : 08/30/23