

QUANTITIES				
		BENT 1	BENT 2	
REINFORCING STEEL	LBS.	29,548	29,743	
SPIRAL REINFORCING STEEL	LBS.	1,887	2,009	
CLASS A CONCRETE :				
POUR 1 - FOOTINGS	CU. YDS.	85.4	85.4	
POUR 2 - COLUMNS	CU. YDS.	27.0	28.9	
POUR 3 - CAP	CU. YDS.	67.9	66.0	
TOTAL	CU. YDS.	180.3	180.3	
12" SQUARE PRESTRESSED CONCRETE PILES				
NUMBER	NO.	40	40	
LENGTH	FT.	1,400	1,600	
PILE REDRIVES	EA.	10	10	

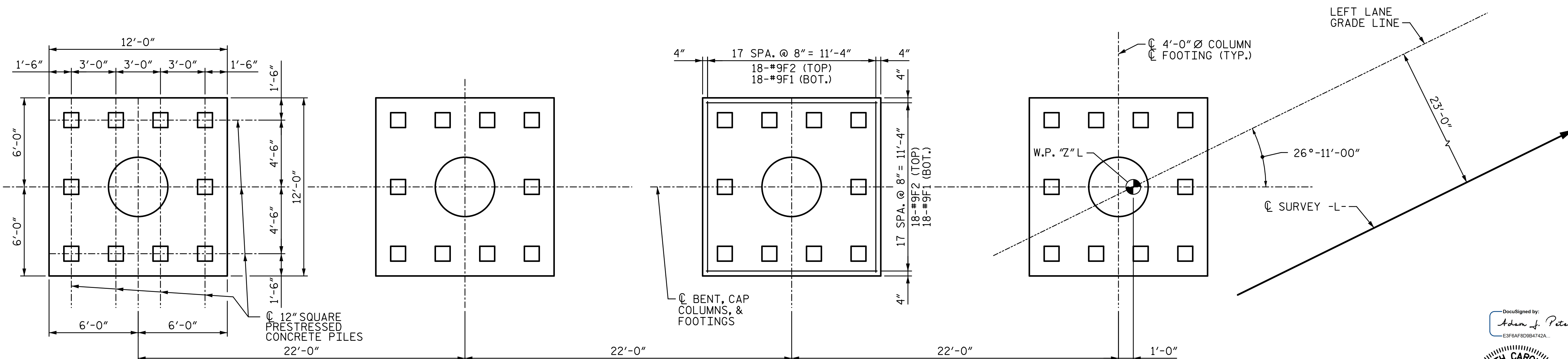
### BAR TYPES

#### BILL OF MATERIAL FOR ONE BENT (2 REQUIRED)

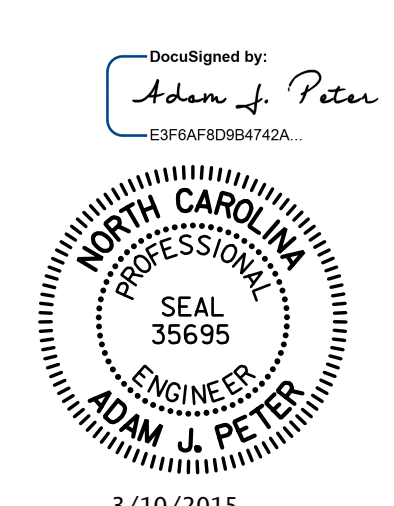
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#11	STR.	34'-2"	1,452
B2	8	#11	STR.	56'-2"	1,537
B3	8	#11	(1)	53'-0"	2,253
B4	8	#11	(1)	44'-4"	1,884
B5	16	#4	STR.	18'-11"	202
B6	8	#4	STR.	4'-11"	26
B7	12	#5	STR.	41'-9"	523
B8	2	#5	STR.	32'-2"	67
S1	74	#5	(2)	11'-7"	894
S3	79	#5	(3)	5'-7"	460
F1	144	#9	(6)	14'-2"	6,854
F2	144	#9	STR.	11'-6"	5,630
U1	10	#4	(5)	6'-6"	43
U2	6	#4	(5)	5'-6"	22
U3	6	#4	(5)	6'-8"	27
U4	68	#4	(5)	7'-8"	348
M1	64	#9	(4)	10'-8"	2,321
V1	64	#9	(1)	17'-10"	3,881
S2	84	#5	(2)	12'-10"	1,124
SP-1	4	*	(7)	706'-3"	1,887
V1	64	#9	(1)	18'-10"	4,098
S2	84	#5	(2)	12'-7"	1,102
SP-1	4	*	(7)	751'-10"	2,009

\* THE SP-1 SPIRAL REINFORCING SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR WITH A 3" PITCH.

ALL BAR DIMENSIONS ARE OUT TO OUT



PROJECT NO. R-2514D  
JONES & CRAVEN COUNTY  
 STATION: 526+71.12 -L-  
 = 16+08.07 -Y6-  
 SHEET 3 OF 3



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
**BENTS 1 & 2**  
**DETAILS & QUANTITIES**  
**-LEFT LANE-**

DRAWN BY : ACA DATE : 5-14  
 CHECKED BY : TJT DATE : 6-14  
 DESIGN ENGINEER OF RECORD: T. TOWNSEND DATE : 6-14

STV / Ralph Whitehead Associates, Inc.  
 900 West Trade Street, Suite 715  
 Charlotte, NC 28202  
 NC License Number F-0991

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

TOTAL SHEETS: 38

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