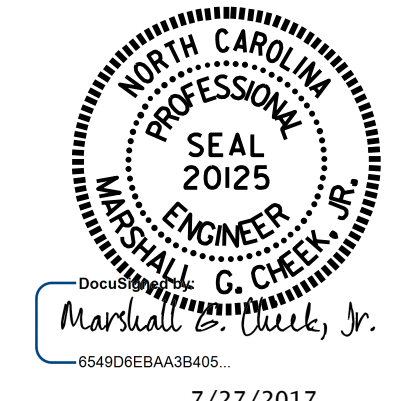


BILL OF MATERIAL					
BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	12	#11	1	45'-8"	2912
B2	12	#11	STR	42'-3"	2694
B3	20	#5	STR	38'-6"	803
M1	96	#11	STR	38'-10"	19807
S1	84	#5	2	11'-10"	1037
U1	81	#4	3	6'-8"	361
U2	12	#4	3	6'-6"	52
V1	24	#11	1	20'-6"	2614
V2	24	#11	1	19'-7"	2497
REINFORCING STEEL				LBS.	32,777
SP-1	1	*	4	575'-6"	384
SP-2	1	*	4	561'-1"	375
SP-3	1	*	4	544'-7"	364
SP-4	1	*	4	530'-2"	354
SP-5	4	**	5	1188'-6"	4958
SPIRAL COLUMN REINFORCING STEEL				LBS.	6,435
* THE SP-1 THROUGH SP-4 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.					
* THE SP-5 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.					
CLASS A CONCRETE BREAKDOWN					
POUR #2 (COLUMNS)				C.Y.	16.9
POUR #3 (CAP)				C.Y.	45.9
TOTAL CLASS A CONCRETE				C.Y.	62.8
DRILLED PIER QUANTITIES					
DRILLED PIER CONCRETE				C.Y.	85.5
POUR #1 (DRILLED PIERS) IN SOIL				LIN. FT.	180.00
3'-6" DRILLED PIERS NOT IN SOILS				LIN. FT.	60.00
PERMANENT STEEL CASING FOR 3'-6" DRILLED PIERS				LIN. FT.	32.00
SPT TESTING				EA.	4
CSL TUBES				LIN. FT.	984.00

DRAWN BY: ARIADNE L. PALMA P. DATE: 8-29-16
 CHECKED BY: M.K. BEARD DATE: 9-8-16
 DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE: 6/2017



PROJECT NO. U-2579C
 FORSYTH COUNTY
 STATION: 473+70.00 -L-
 SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 BENT 1
 (RIGHT LANE)

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

SHEET NO. S4-25
 TOTAL SHEETS 33