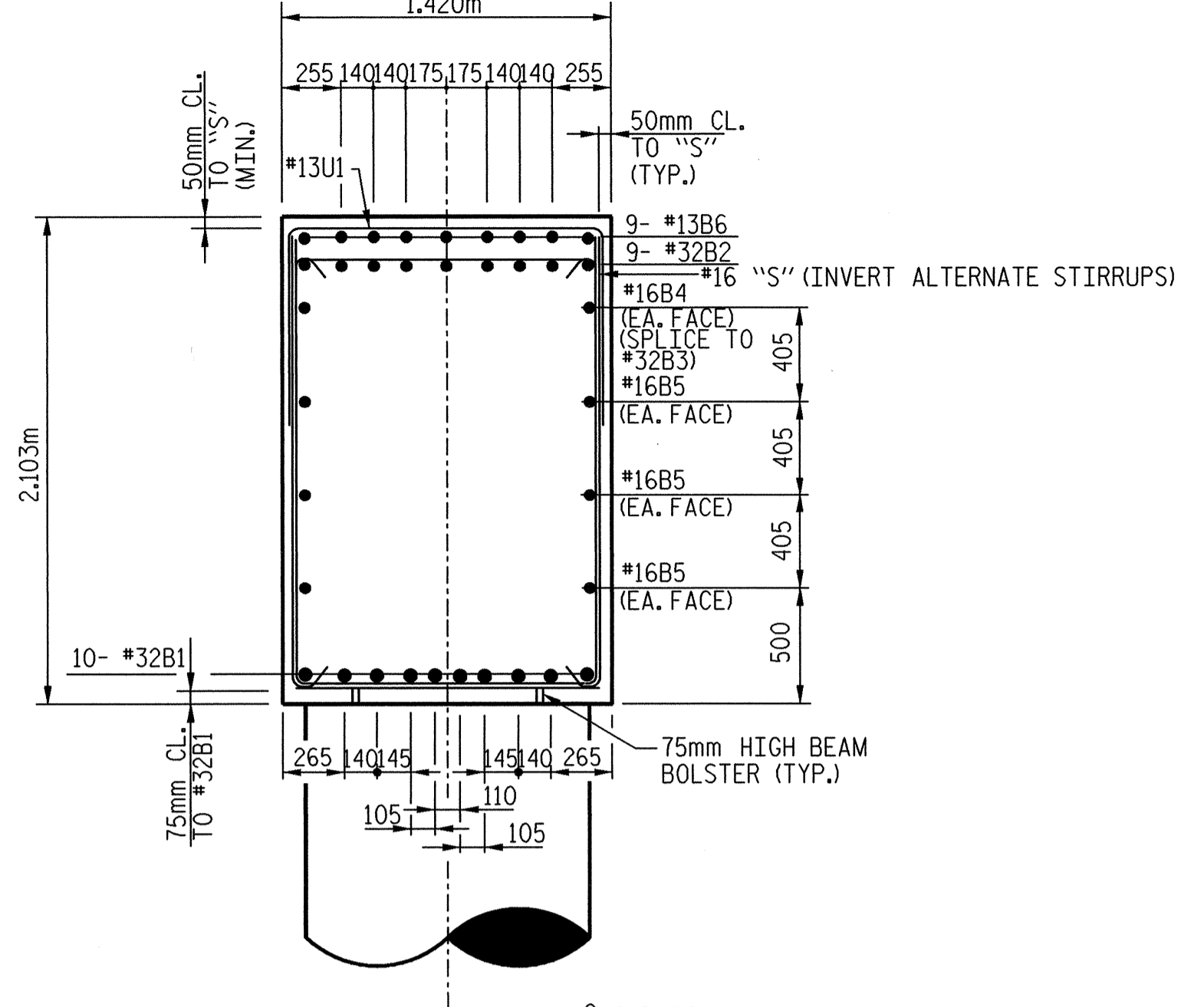
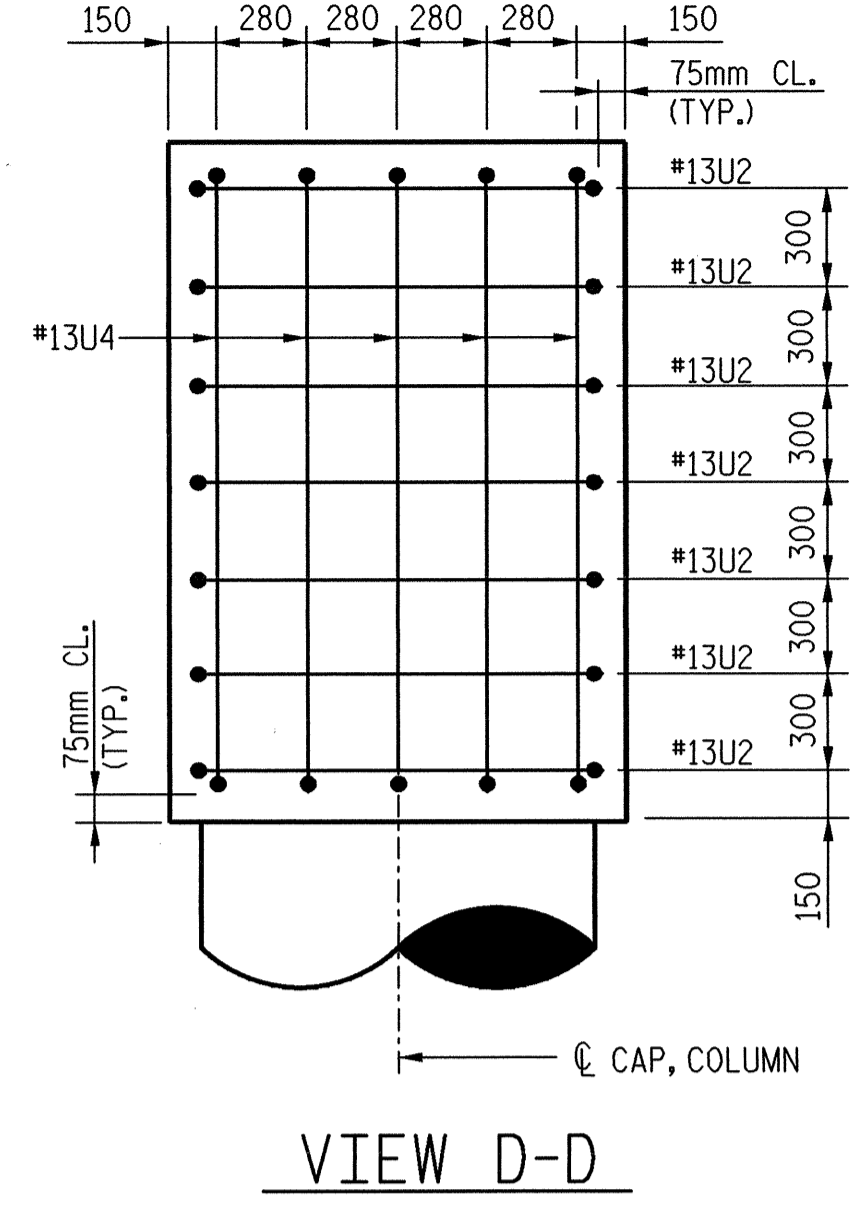


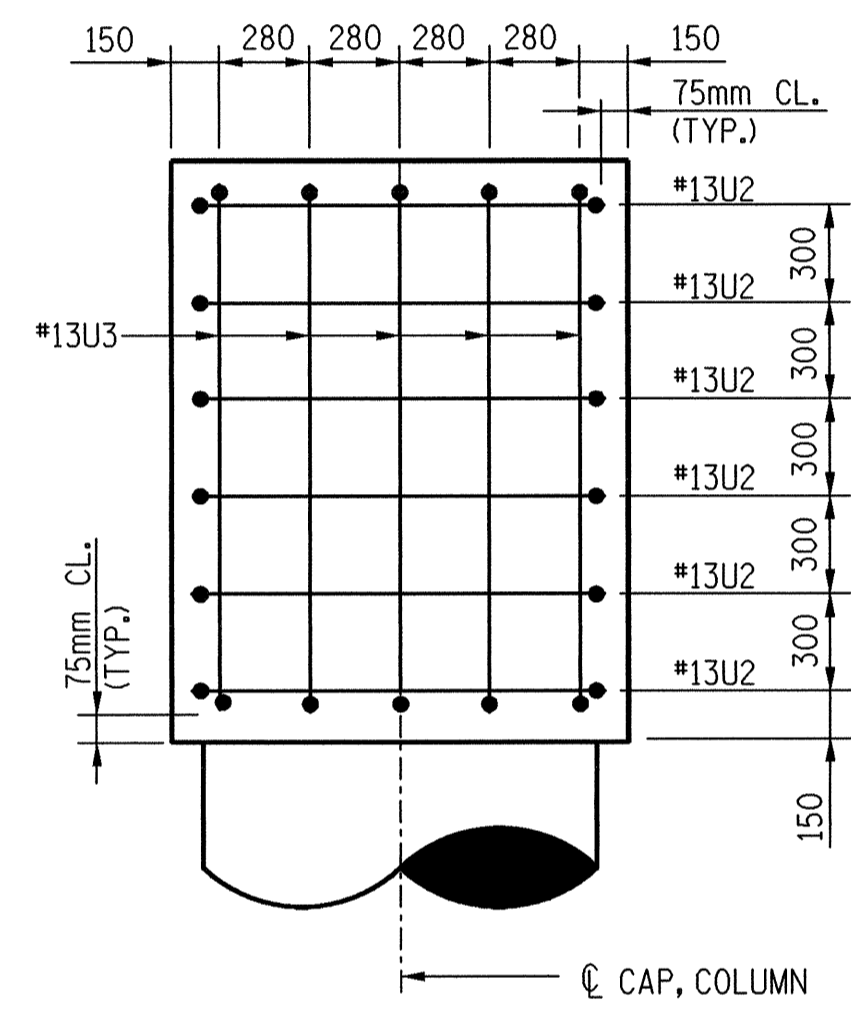
SECTION A-A



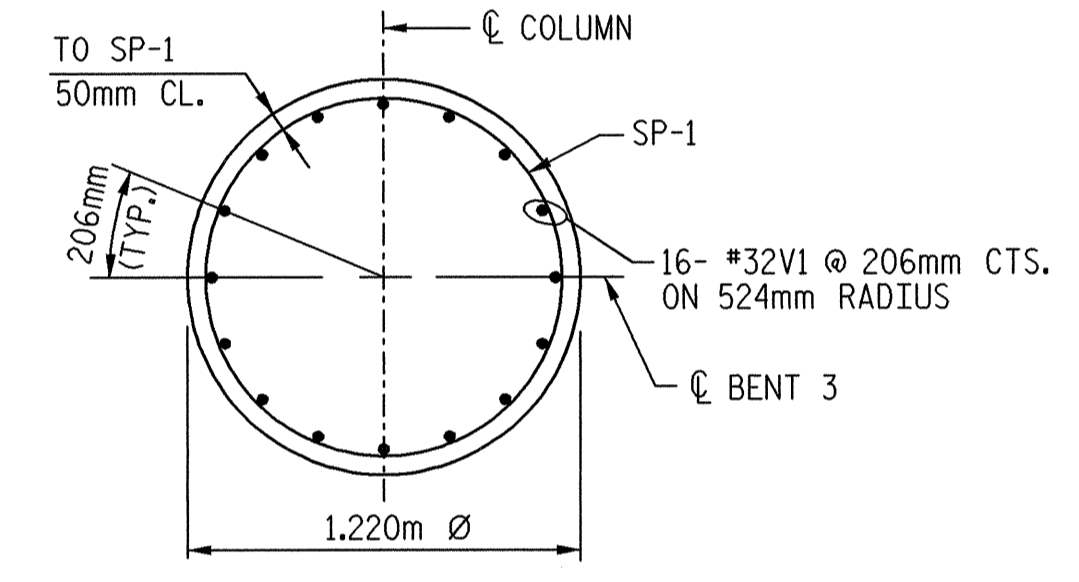
SECTION B-B



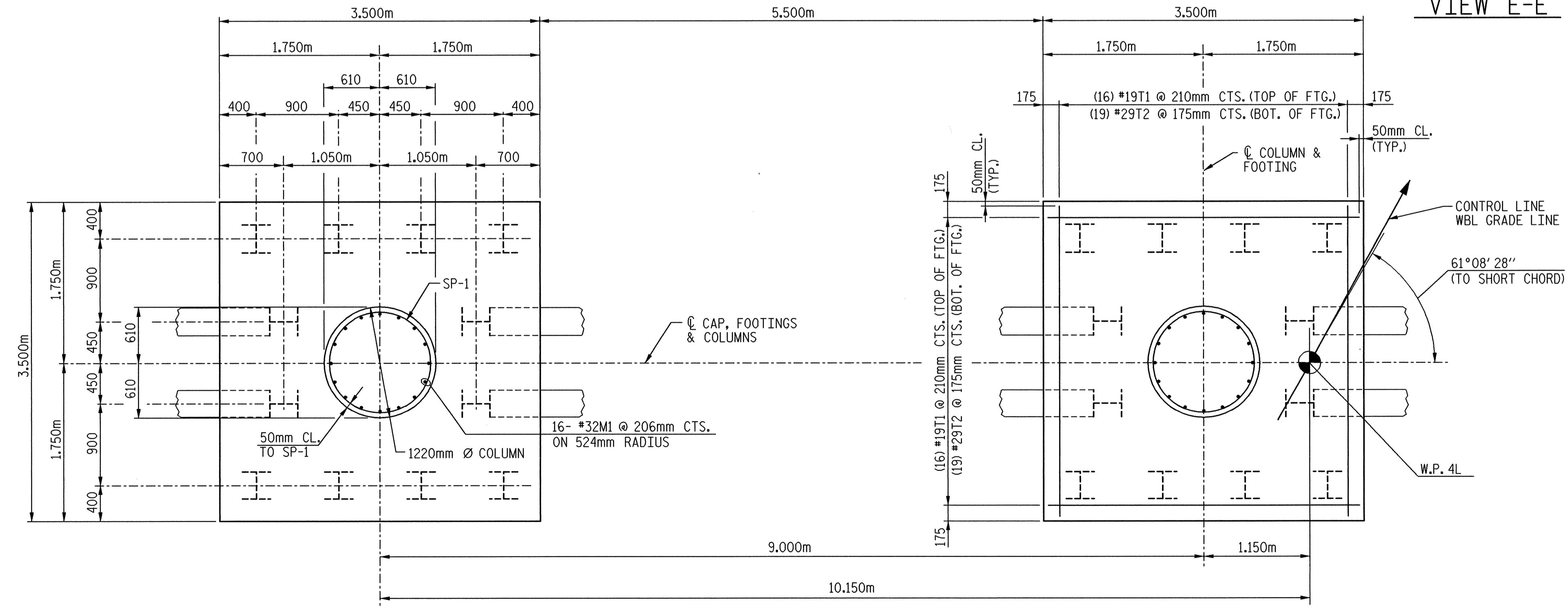
VIEW D-D



VIEW E-E



SECTION C-C



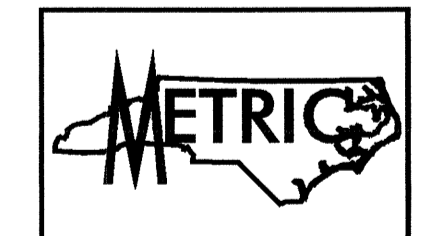
FOOTING PLAN

DETAILS SHOWN ARE TYPICAL FOR ALL FOOTINGS & COLUMNS UNLESS OTHERWISE NOTED

DRAWN BY: J. C. PENDERGRAFT DATE: 8/01
 CHECKED BY: D. B. HOFF DATE: 2/02

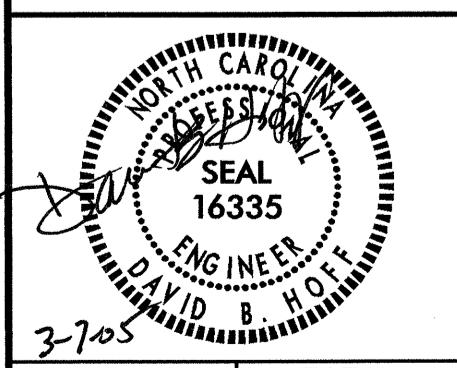
BAR TYPES		BILL OF MATERIALS	
ALL BAR DIMENSIONS ARE OUT TO OUT.		BENT #3	
B1	10 #32	STR	14600 935
B2	9 #32	1	8580 495
B3	9 #32	1	9300 536
B4	2 #16	STR.	6660 21
B5	6 #16	STR.	14600 136
B6	9 #13	STR.	1840 16
M1	32 #32	4	4460 914
S1	31 #16	2	5280 254
S2	26 #16	2	4980 201
T1	32 #19	STR.	3400 243
T2	38 #29	4	4280 823
U1	47 #13	3	2320 108
U2	13 #13	3	2180 28
U3	5 #13	3	2560 13
U4	5 #13	3	2860 14
SPIRAL COLUMN REINFORCING STEEL			
SP-1	2 *	5	97400 194
BENT #3 TOTAL QUANTITIES			
HP310 x 79 PILES No: 24		210.0 m	
GALVANIZING STEEL PILES		LUMP SUM	
REINFORCING STEEL		4737 kg.	
SPIRAL COLUMN REINFORCING STEEL		194 kg.	
CLASS "A" CONCRETE BREAKDOWN BY POUR			
POUR 1 (FOOTINGS)		27.0 m ³	
POUR 2 (COLUMNS)		4.2 m ³	
POUR 3 (CAPS)		40.4 m ³	
TOTAL CLASS "A" CONCRETE		71.6 m ³	

* THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #13 PLAIN OR DEFORMED BAR.



PROJECT NO. R-2552AB
 JOHNSTON COUNTY
 STATION: 40+80.00 -L- P.O.C.
 SHEET 2 OF 2

TRANSYSTEMS CORPORATION
 75 Beattie Place, Suite 400
 Greenville, SC 29601 (864) 234-0866



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT #3
 DETAILS
 (LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			5305
2			4			429

DWG. NO. 46 TOTAL 68