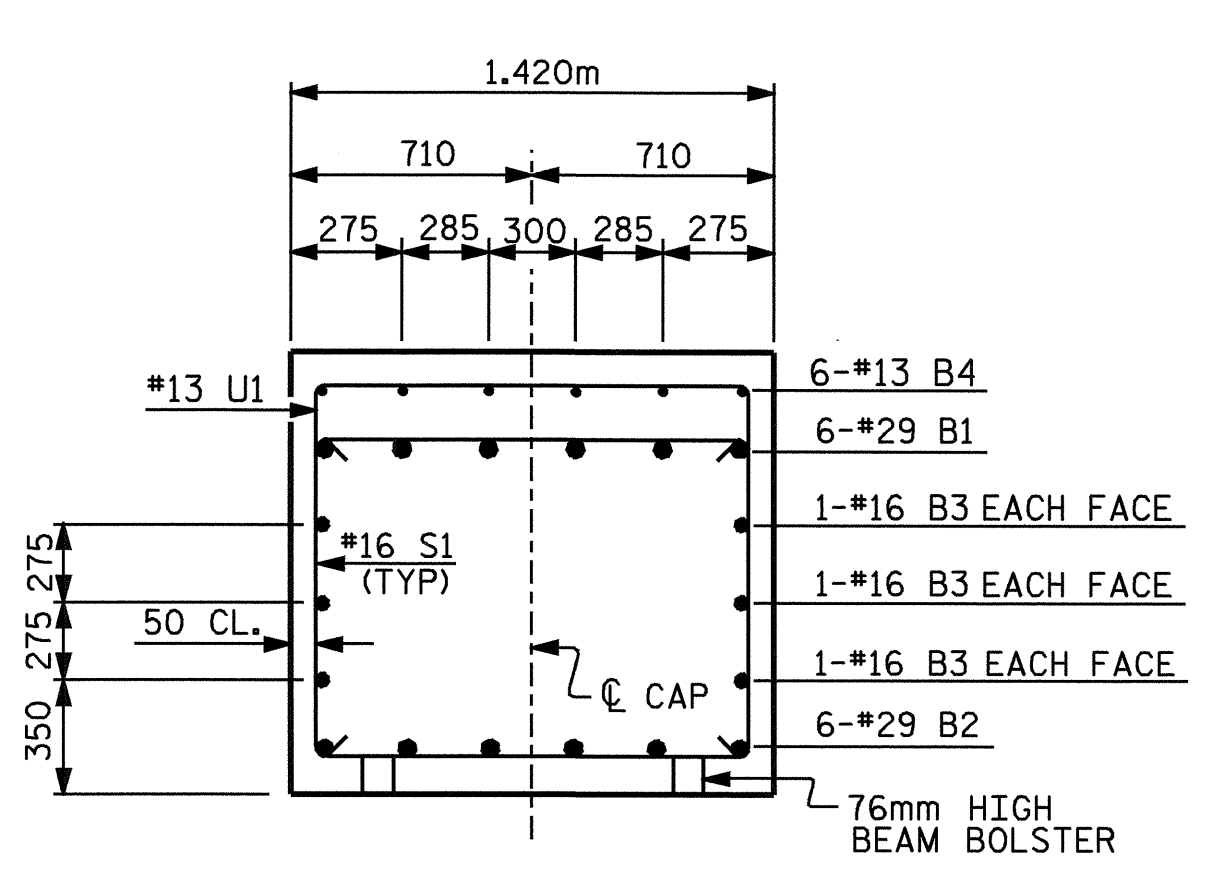
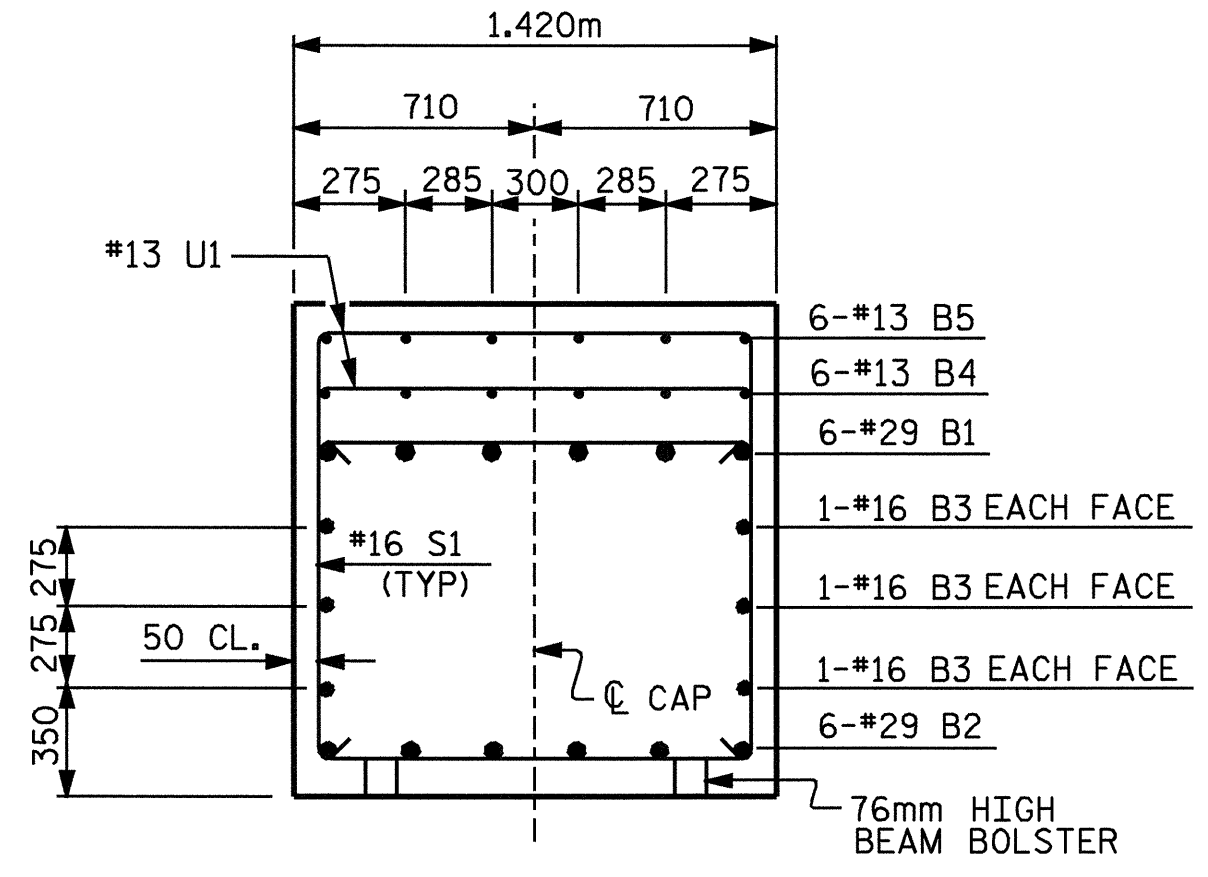


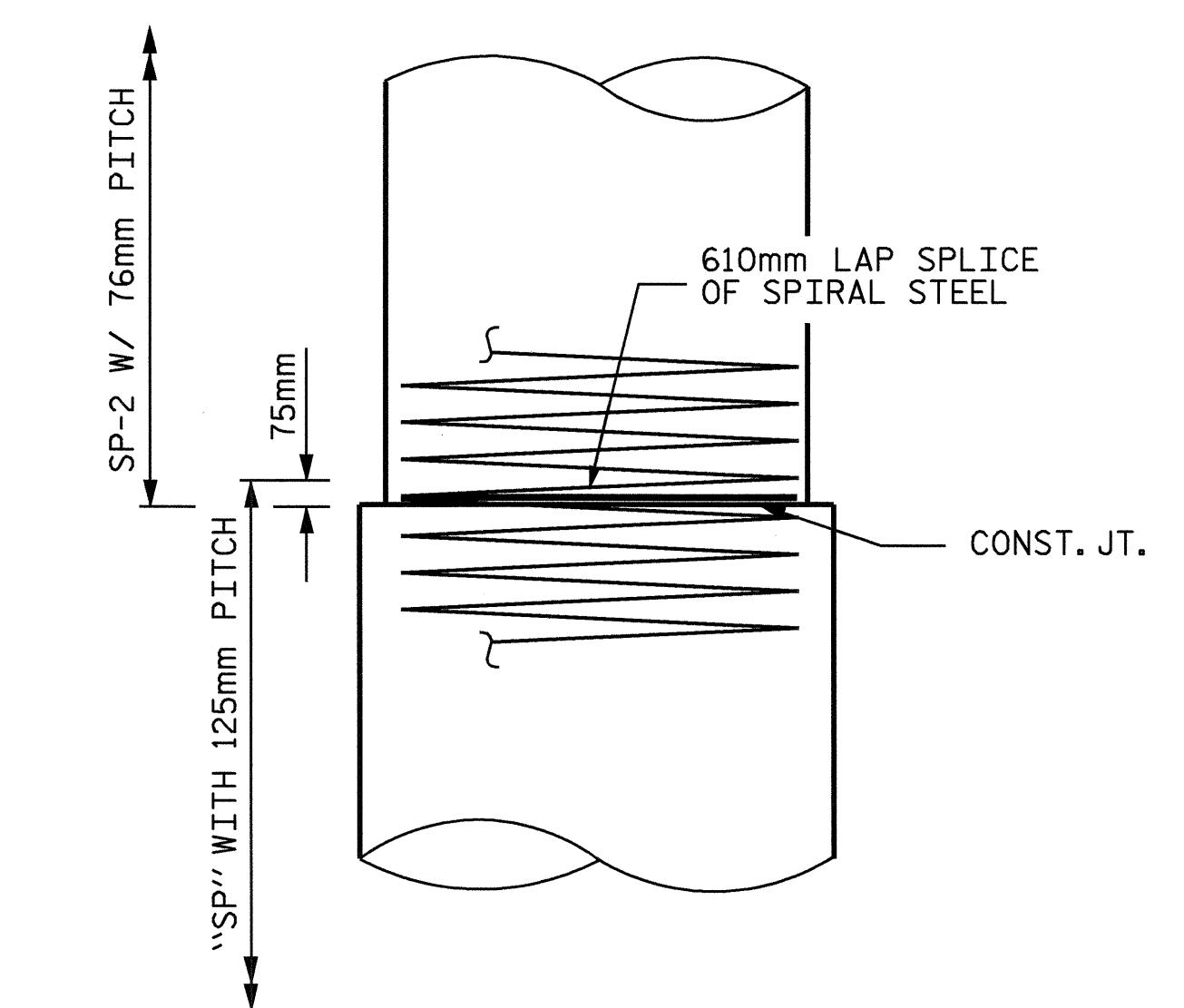
SECTION A-A



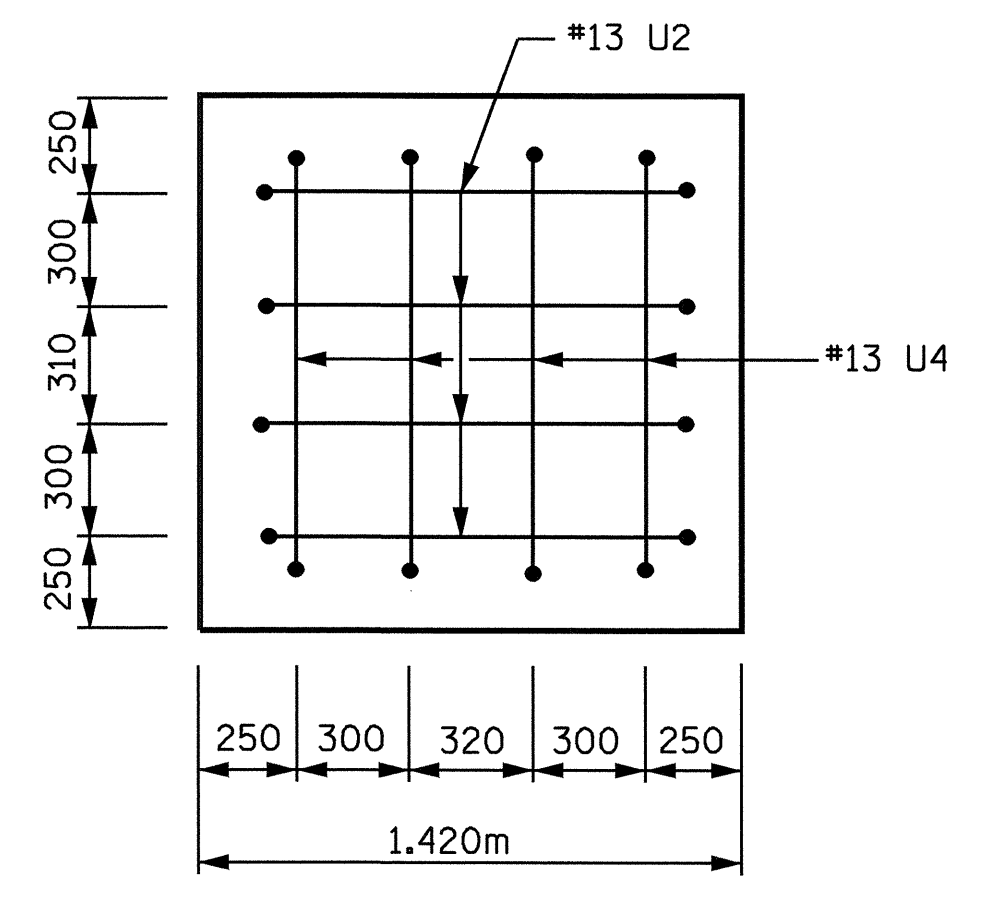
SECTION B-B



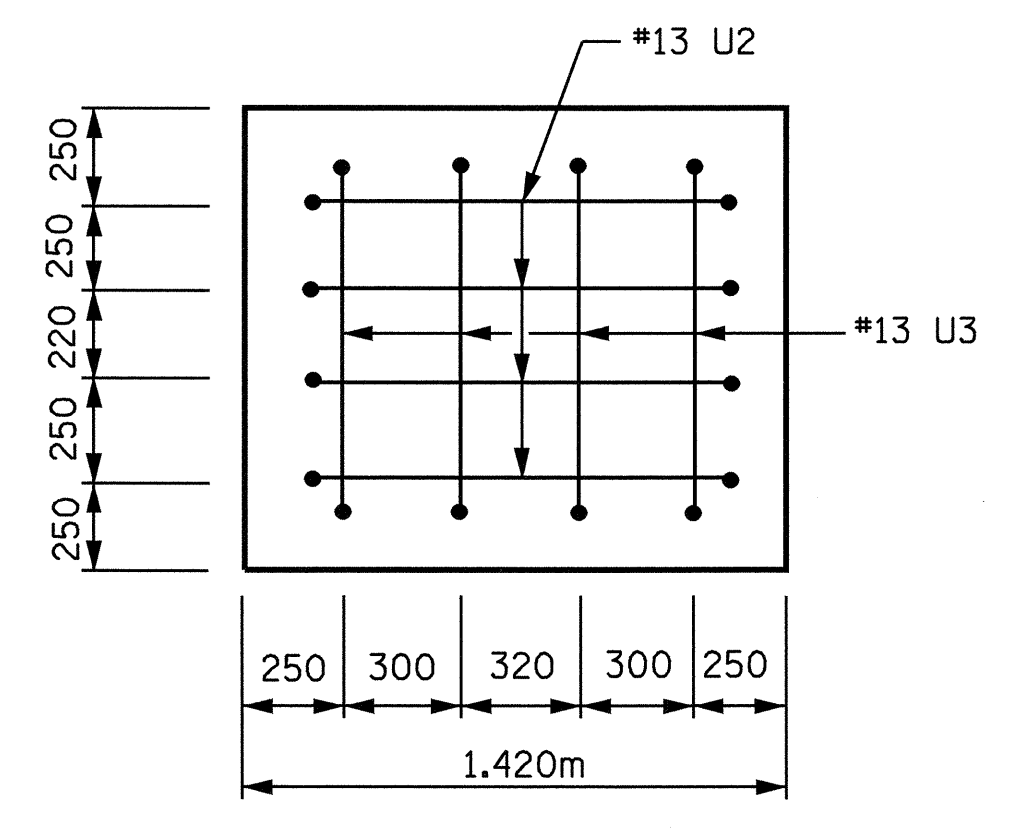
SECTION C-C



CONST. JT. DETAIL



LEFT END VIEW



RIGHT END VIEW

BAR TYPES

BILL OF MATERIAL

BENT #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	29		11500	350
B2	6	29	STR	10800	328
B3	6	16	STR	10800	101
B4	6	13	STR	5900	35
B5	6	13	STR	1100	7
S1	36	16	3	3800	212
U1	49	13	4	2240	109
U2	8	13	4	2200	17
U3	4	13	4	2140	9
U4	4	13	4	1940	8
V1	60	36	2	13220	6272
M1	40	36	STR	12920	4086
M2	20	36	STR	11920	1885
REINFORCING STEEL				KG	13419
SP-1	2	*	6	273400	849
SP-2	3	**	5	569900	1699
SP-3	1	*	6	245600	381
SPIRAL COL. REINF. STEEL				KG	2929
CLASS "A" CONCRETE					
POUR #2 COLUMNS			m ³	42.4	
POUR #3 CAP			m ³	20.2	
TOTAL CLASS "A" CONCRETE			m ³	62.6	
DRILLED PIERS					
DRILLED PIER CONCRETE			m ³	42.0	
POUR #1 DRILLED PIERS			m ³	42.0	
1372mm Ø DRILLED PIERS NOT IN SOIL METERS				9.0	
1372mm Ø DRILLED PIERS IN SOIL METERS				19.4	
CSL TUBES			METERS	123.8	

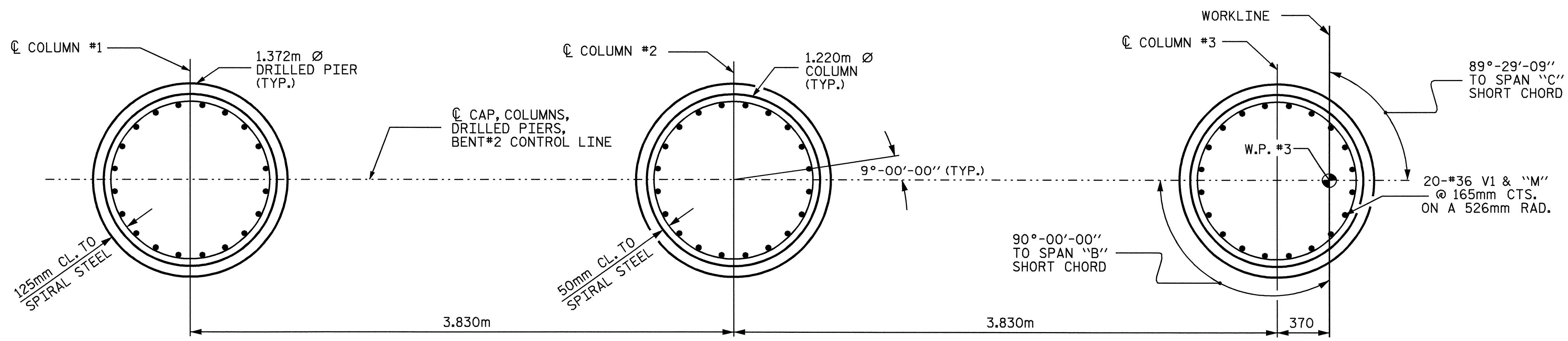
CLASS "A" CONCRETE
 POUR #2 COLUMNS m³ 42.4
 POUR #3 CAP m³ 20.2
 TOTAL CLASS "A" CONCRETE m³ 62.6

DRILLED PIERS
 DRILLED PIER CONCRETE m³ 42.0
 POUR #1 DRILLED PIERS m³ 42.0
 1372mm Ø DRILLED PIERS NOT IN SOIL METERS 9.0
 1372mm Ø DRILLED PIERS IN SOIL METERS 19.4

CSL TUBES METERS 123.8

** THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #13 PLAIN OR DEFORMED BAR.
 * THE SP-1 & SP-3 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #16 PLAIN OR DEFORMED BAR.

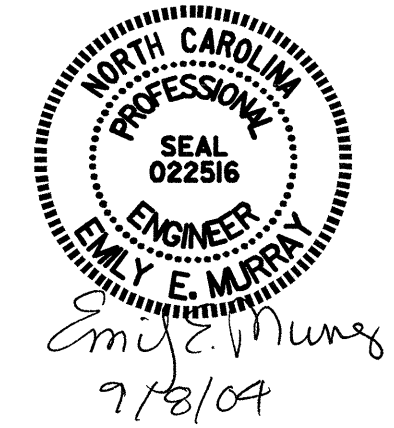
ALL BAR DIMENSIONS ARE OUT TO OUT.



PLAN OF COLUMNS & DRILLED PIERS

PROJECT NO. R-2206C
 LINCOLN-CATAWBA COUNTY
 STATION: 199+48.00 -L-

SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 BENT #2
 LEFT LANE

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

TOTAL SHEETS 374

DRAWN BY : C.MILLER DATE : 02-04
 CHECKED BY : W.D.CRUTCHER DATE : 04-04