



BILL OF MATERIAL					
FOR BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#11	1	45'-6"	2417
B2	8	#5	STR	42'-6"	355
D1	44	#6	STR	1'-6"	99
M1	30	#11	STR	58'-10"	9377
S1	74	#5	2	9'-0"	695
U1	6	#4	3	5'-8"	23
U2	6	#4	3	5'-6"	22
U3	43	#4	3	4'-2"	120
V1	10	#11	4	11'-6"	611
V2	10	#11	4	10'-11"	580
V3	10	#11	4	10'-4"	549
REINFORCING STEEL (FOR BENT 2)					14848 LBS.
SP-1	3	*	5	813'-5"	2545
SP-2	3	**	6	241'-8"	1089
SPIRAL COLUMN REINFORCING STEEL (FOR BENT 2)					3634 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 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR					
CLASS A CONCRETE BREAKDOWN (FOR BENT 2)					
POUR #2 (COLUMNS)					3.9 C.Y.
POUR #3 (CAP)					16.1 C.Y.
TOTAL CLASS A CONCRETE					20.0 C.Y.
DRILLED PIERS: (FOR BENT 2)					
DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS)					38.4 C.Y.
3'-0"Ø DRILLED PIER NOT IN SOIL					57 LIN.FT.
3'-0"Ø DRILLED PIER IN SOIL					90 LIN.FT.
PERMANENT STEEL CASING FOR 3'-0"Ø DRILLED PIER					33 LIN.FT.
CSL TUBES					606 LIN.FT.

PROJECT NO. HB-0030
MACON COUNTY
 STATION: 16+10.49 -L-
 SHEET 4 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
BENT 2
DETAILS

STD. NO. DP BT 33 60S <50'



DRMP

8210 UNIVERSITY EXECUTIVE
PARK DRIVE SUITE 220,
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(704) 549-4260

NC LICENSE NO. F-1524



9/29/2025

DRMP JOB NUMBER: 20-0464.031