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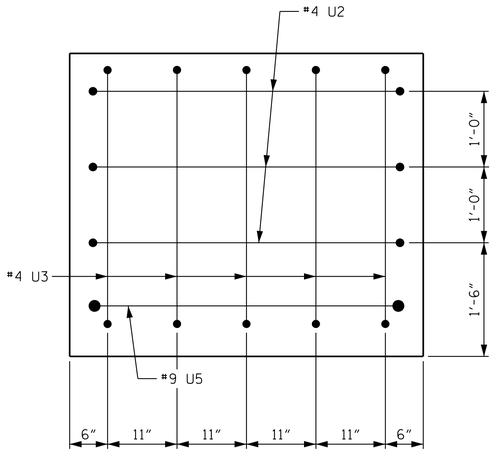
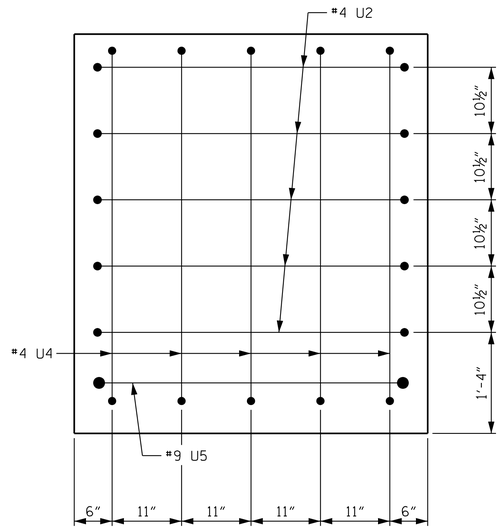
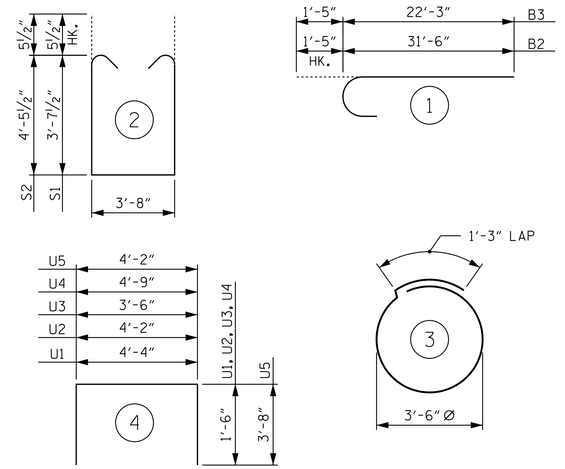


VIEW X-X



VIEW Y-Y

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

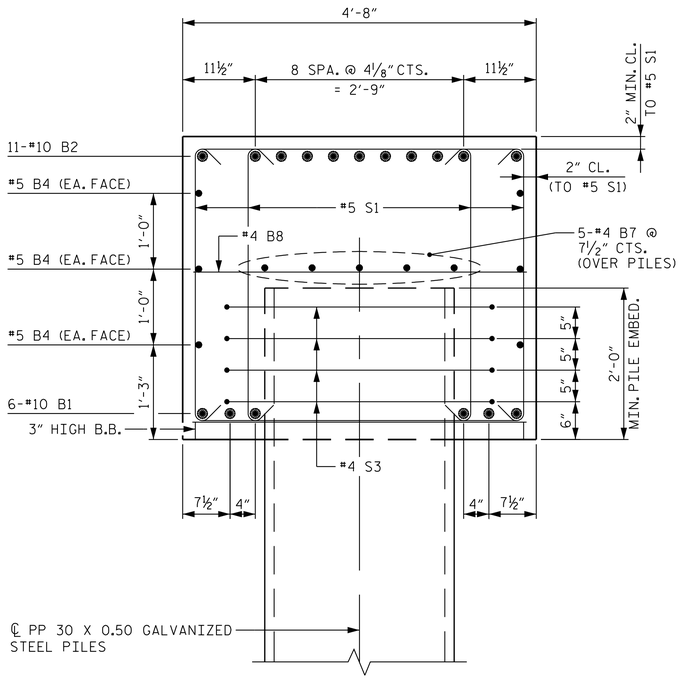
BILL OF MATERIAL

BENT 2

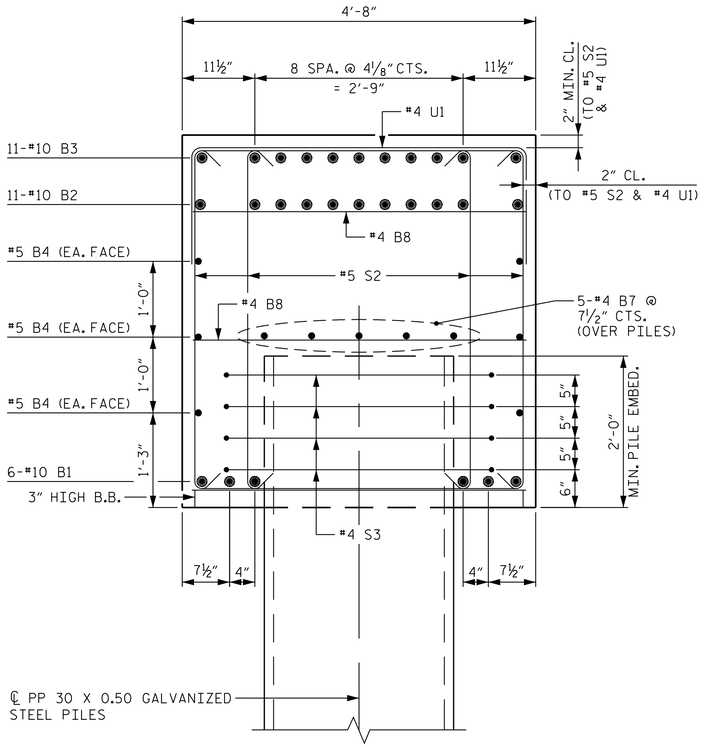
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	10	STR	56'-11"	1,469
B2	22	10	1	32'-11"	3,116
B3	11	10	1	23'-8"	1,120
B4	6	5	STR	56'-11"	356
B5	11	4	STR	17'-2"	126
B6	11	4	STR	4'-11"	36
B7	10	4	STR	29'-8"	198
B8	21	4	STR	4'-4"	61
S1	66	5	2	11'-10"	815
S2	44	5	2	13'-6"	620
S3	32	4	3	12'-3"	262
U1	47	4	4	7'-4"	230
U2	8	4	4	7'-2"	38
U3	5	4	4	6'-6"	22
U4	5	4	4	7'-9"	26
U5	2	9	4	11'-6"	78

REINFORCING STEEL	8,573 LBS.
CLASS "A" CONCRETE BREAKDOWN POUR 1 (CAP)	C.Y. 41.7
PP 30 X 0.50 GALVANIZED STEEL PILES NO. 8	680 LIN. FT.
PILE REDRIVES	4 EA.
PILE DRIVING EQUIPMENT SETUP FOR PP 30 X 0.50 GALVANIZED STEEL PILES	8 EA.

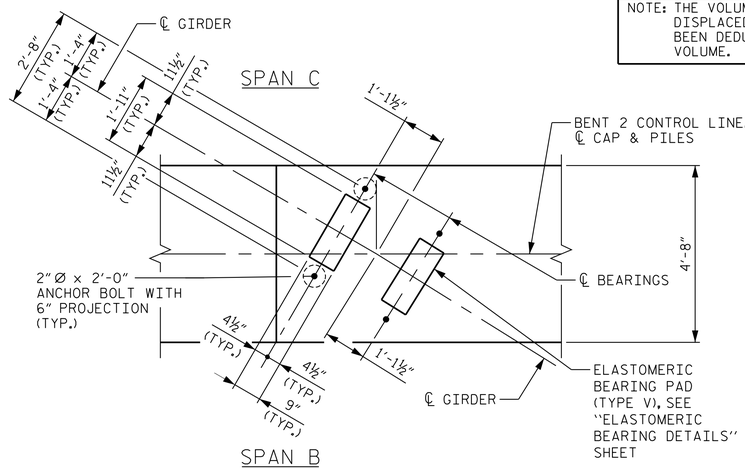
NOTE: THE VOLUME OF THE CONCRETE DISPLACED BY THE PIPE PILES HAS BEEN DEDUCTED FROM THE TOTAL VOLUME.



SECTION A-A



SECTION B-B



PLAN OF BEARINGS

ALL DIMENSIONS AND DETAILS SHOWN ARE TYPICAL FOR ALL BEARINGS @ EACH BRIDGE SEAT LOCATIONS.

PROJECT NO. B-5301

PITT COUNTY

STATION: 25+98.05 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 2

NORTH CAROLINA PROFESSIONAL SEAL 040769 ENGINEER ANDREW L. PHILLIPS

DocuSigned by: Andrew L. Phillips 4/6/2020
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Kimley»Horn
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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-46
1			3			TOTAL SHEETS
2			4			55

DRAWN BY: D. D. LOWERY	DATE:	2/20
CHECKED BY: C. T. POOLE	DATE:	2/20
DESIGN ENGINEER OF RECORD: A. L. PHILLIPS	DATE:	2/20

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4/3/2020

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