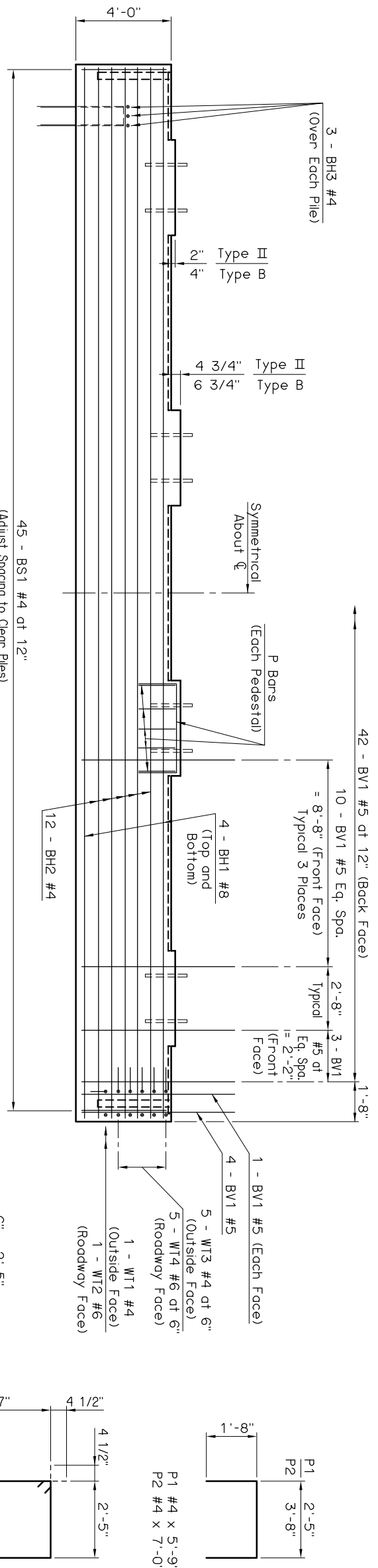
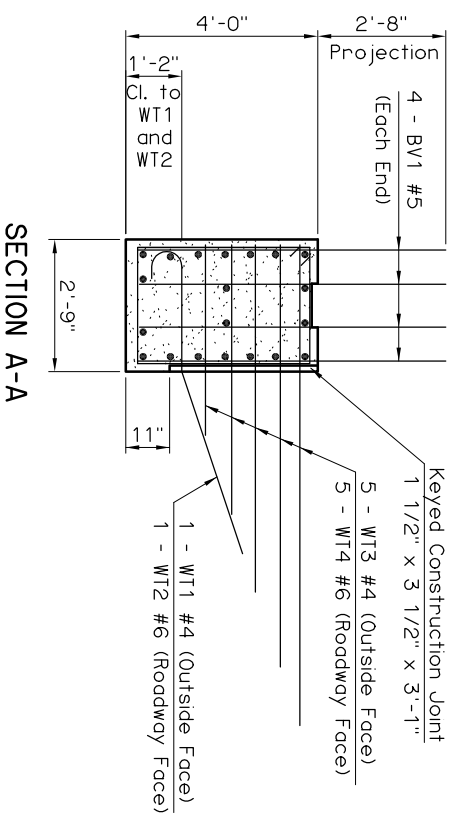


PLAN

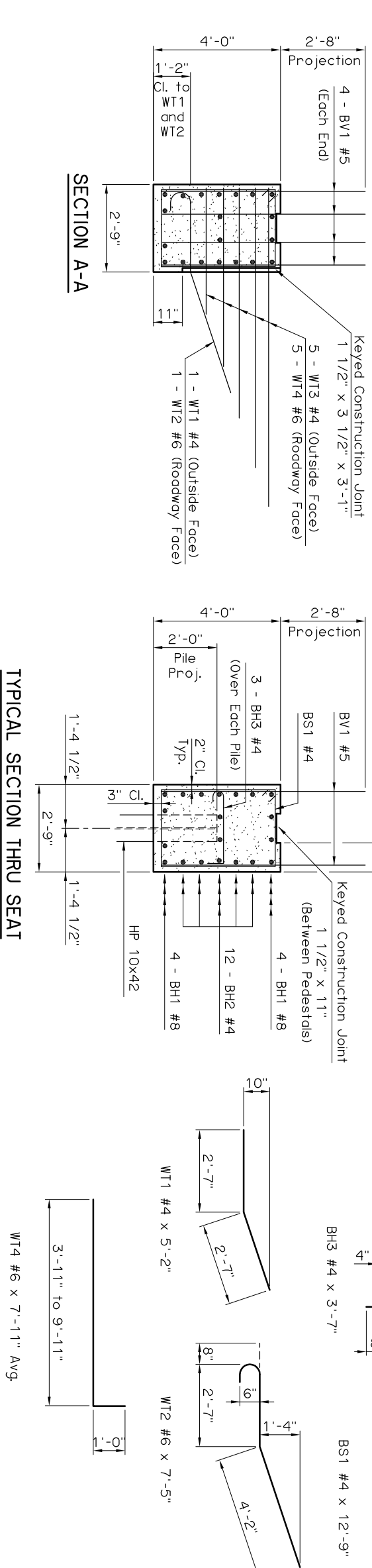


ELEVATION



SECTION A-A

TYPICAL SECTION THRU SEAT



PILE SCHEDULE						
SPAN	TOTAL NUMBER OF PILES	N	A	B	C	MAXIMUM FACTORED PILE LOAD
30'	5	2	10'-0"	0"	2'-2"	74.7 TON
35'	5	2	10'-0"	0"	2'-2"	80.0 TON
40'	6	2	8'-0"	4'-0"	2'-2"	70.5 TON
45'	6	2	8'-0"	4'-0"	2'-2"	74.2 TON
50'	7	3	6'-9"	0"	1'-11"	66.5 TON

All WT Wing reinforcing tied to Abutment Seat reinforcing must be in place prior to pouring Abutment Seat concrete. Abutment Wings shall not be poured until the Abutment Diaphragm and Deck Slab have attained a strength of 3000 p.s.i. For additional details, see ABUTMENT DIAPHRAGM DETAILS (SHEET 1 OF 2 AND SHEET 2 OF 2) and ABUTMENT WING DETAILS (SHEET 2 OF 2).

ABUTMENT SEAT BAR LIST				
MARK	SIZE	NO.	FORM	LENGTH VARIATION
EPOXY COATED REINFORCING				
BV1	#5	90	STR.	6'-5"
BH1	#8	8	STR.	44'-0"
BH2	#4	12	STR.	44'-0"
BS1	#4	45	BNT.	12'-9"
P1	#4	20	BNT.	5'-9"
P2	#4	16	BNT.	7'-0"
WT1	#4	2	BNT.	5'-2"
WT2	#6	2	BNT.	7'-5"
WT3	#4	10	STR.	6'-11" AVG. 3'-11" to 9'-11"
WT4	#6	10	BNT.	7'-11" AVG. 4'-11" to 10'-11"
5 PILE ABUTMENT				
BH3	#4	15	BNT.	3'-7"
6 PILE ABUTMENT				
BH3	#4	18	BNT.	3'-7"
7 PILE ABUTMENT				
BH3	#4	21	BNT.	3'-7"

① 2 Sets of 5

APPROVED BY BRIDGE ENGINEER *Chad Head* DATE *8/16/03*

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
TYPE II AND TYPE B P.C. BEAMS
INTEGRAL (SHEET 1 OF 2)

1999 SPECIFICATIONS B40-I-ABUT-PC2-1 OOE B-40E