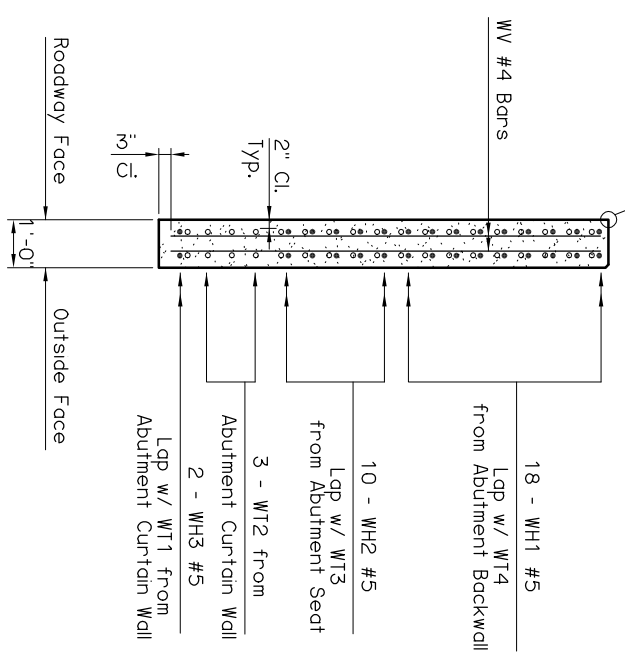
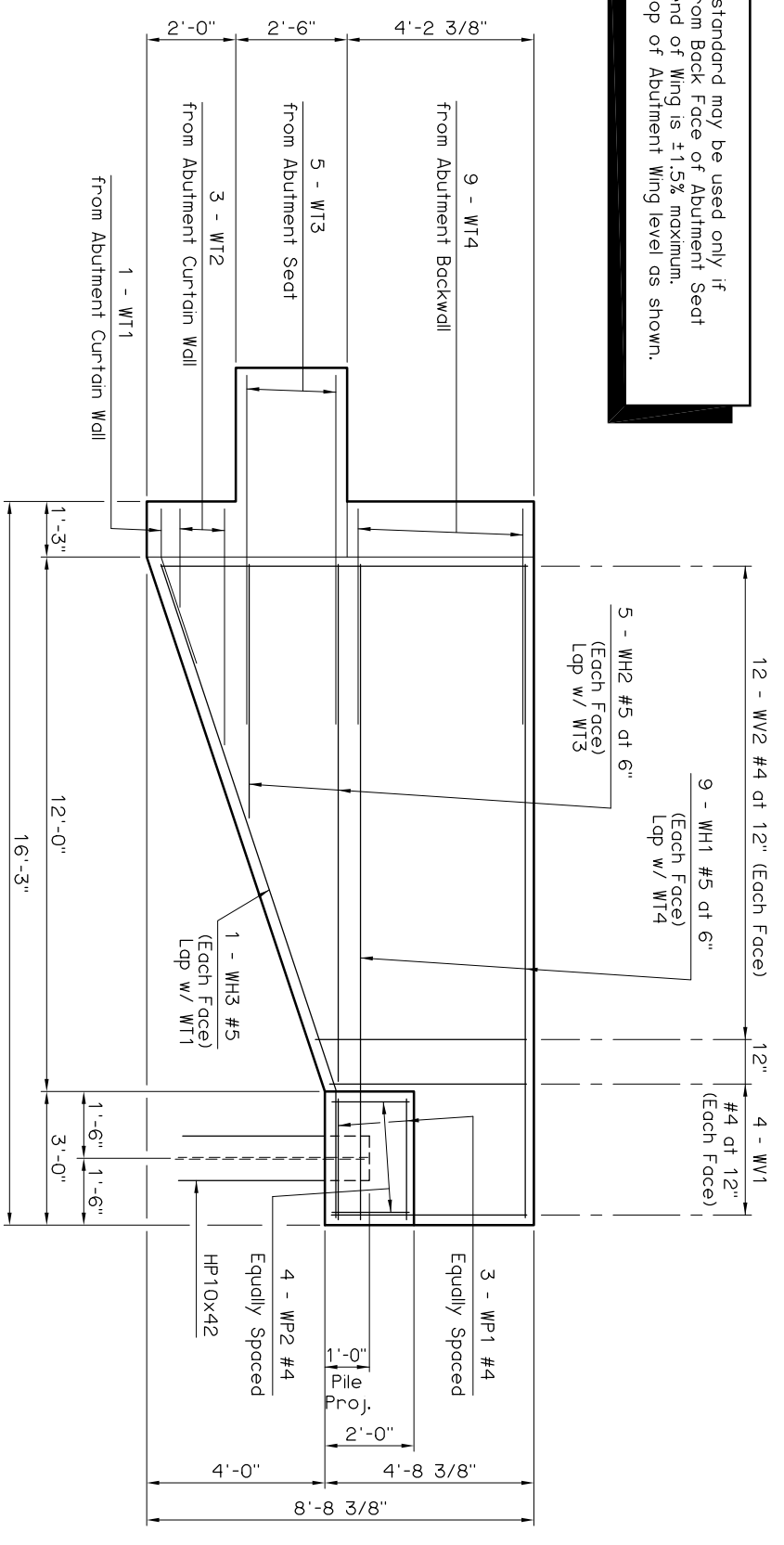


Top Corner of Roadway Face of Abutment Wing shall not be Chamfered



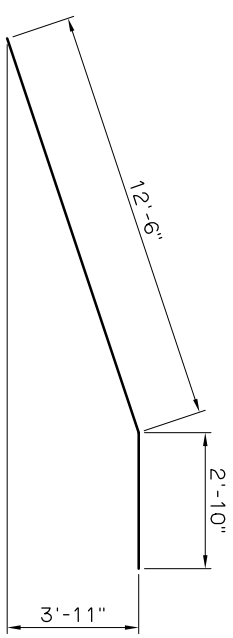
This standard may be used only if grade from Back Face of Abutment Seat to end of Wing is  $\pm 1.5\%$  maximum. Construct top of Abutment Wing level as shown.



**ABUTMENT BAR LIST**

MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
BH1	#4	8	STR.	44'-0"	
BH2	#4	6	BNT.	45'-4"	
BH3	#9	10	STR.	44'-0"	
BH4	#4	21	BNT.	5'-1"	
BV1	#4	42	STR.	7'-4" Avg.	7'-2" to 7'-6"
BV2	#5	42	STR.	7'-4" Avg.	7'-2" to 7'-6"
BV3	#4	8	STR.	8'-3"	
P1	#4	20	BNT.	6'-6"	
P2	#4	16	BNT.	7'-6"	
S1	#5	45	BNT.	12'-11"	
SC	#4	4	BNT.	3'-3"	

MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
WT1	#5	2	BNT.	8'-2"	
WT2	#5	6	BNT.	8'-8" Avg.	5'-8" to 11'-8"
WT3	#5	10	BNT.	16'-8"	
WT4	#5	18	BNT.	10'-8"	
WH1	#5	36	STR.	14'-8"	
WH2	#5	20	STR.	8'-9" Avg.	5'-9" to 11'-9"
WH3	#5	4	BNT.	15'-4"	
WP1	#4	16	STR.	4'-3"	
WP2	#4	48	STR.	6'-5" Avg.	4'-8" to 8'-2"
WP1	#4	6	BNT.	8'-8"	
WP2	#4	8	STR.	1'-7"	



ABUTMENT QUANTITIES		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	85
CLSM BACKFILL	C.Y.	46
CLASS A CONCRETE	C.Y.	37.5
EPOXY COATED REINFORCING STEEL	LB.	4,870
PILES, FURNISHED (HP10X42)	L.F.	
PILES, FURNISHED (HP12X53)	L.F.	
PILES, DRIVEN (HP10X42)	L.F.	
PILES, DRIVEN (HP12X53)	L.F.	
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	40
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	42
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	

① 2 Sets of 21

② 2 Sets of 3  
③ 4 Sets of 5  
④ 4 Sets of 12

APPROVED BY BRIDGE ENGINEER *Chad Head* DATE *8/16/09*

OKLAHOMA DEPT. OF TRANSPORTATION  
BRIDGE STANDARD (ENGLISH)  
ABUTMENT DETAILS  
30' THRU 50' ROLLED BEAM SPANS  
CONVENTIONAL (SHEET 2 OF 2)

1999 SPECIFICATIONS B40-C-ABUT-RB-3050-2 OOE B-249E