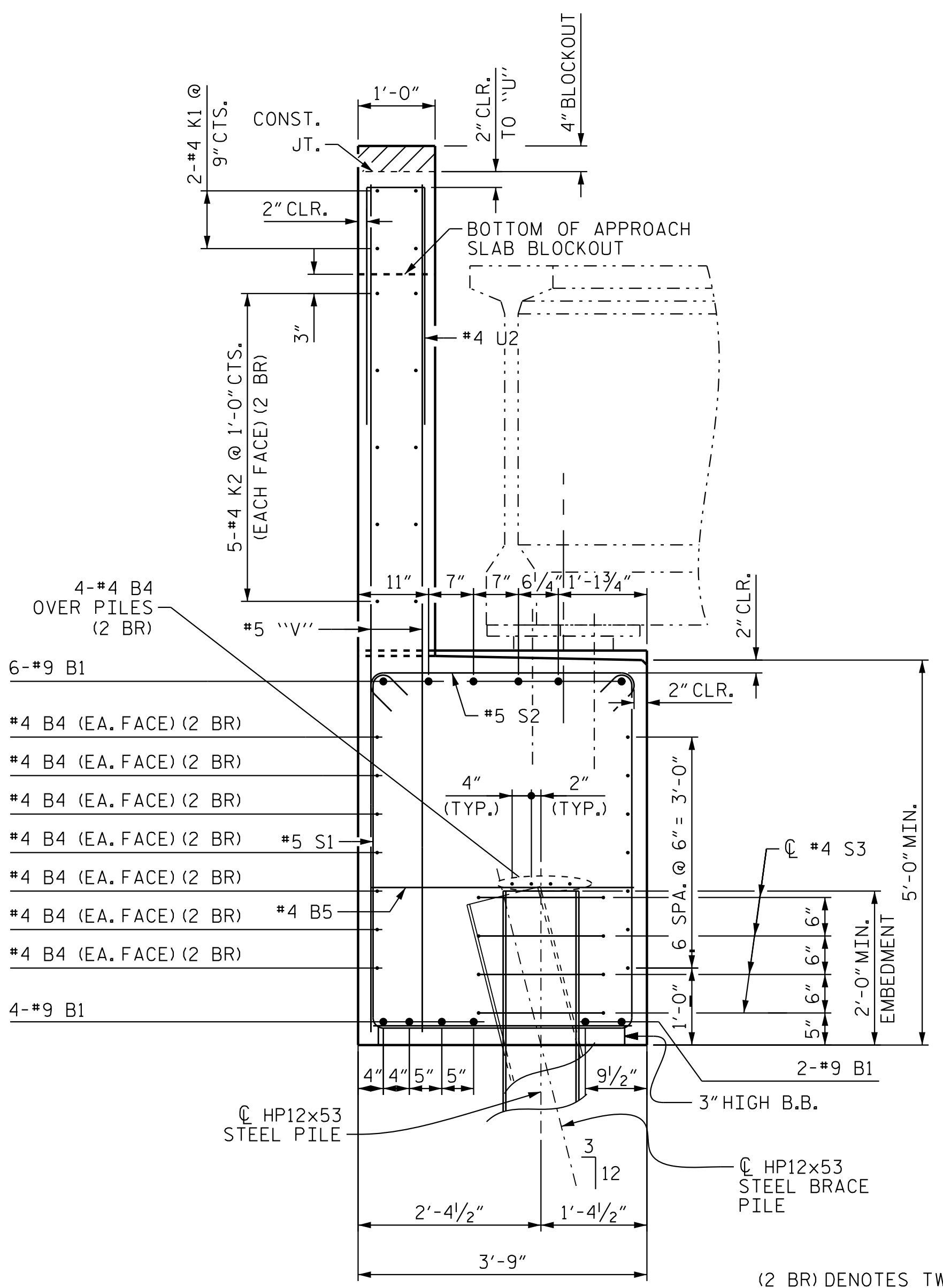
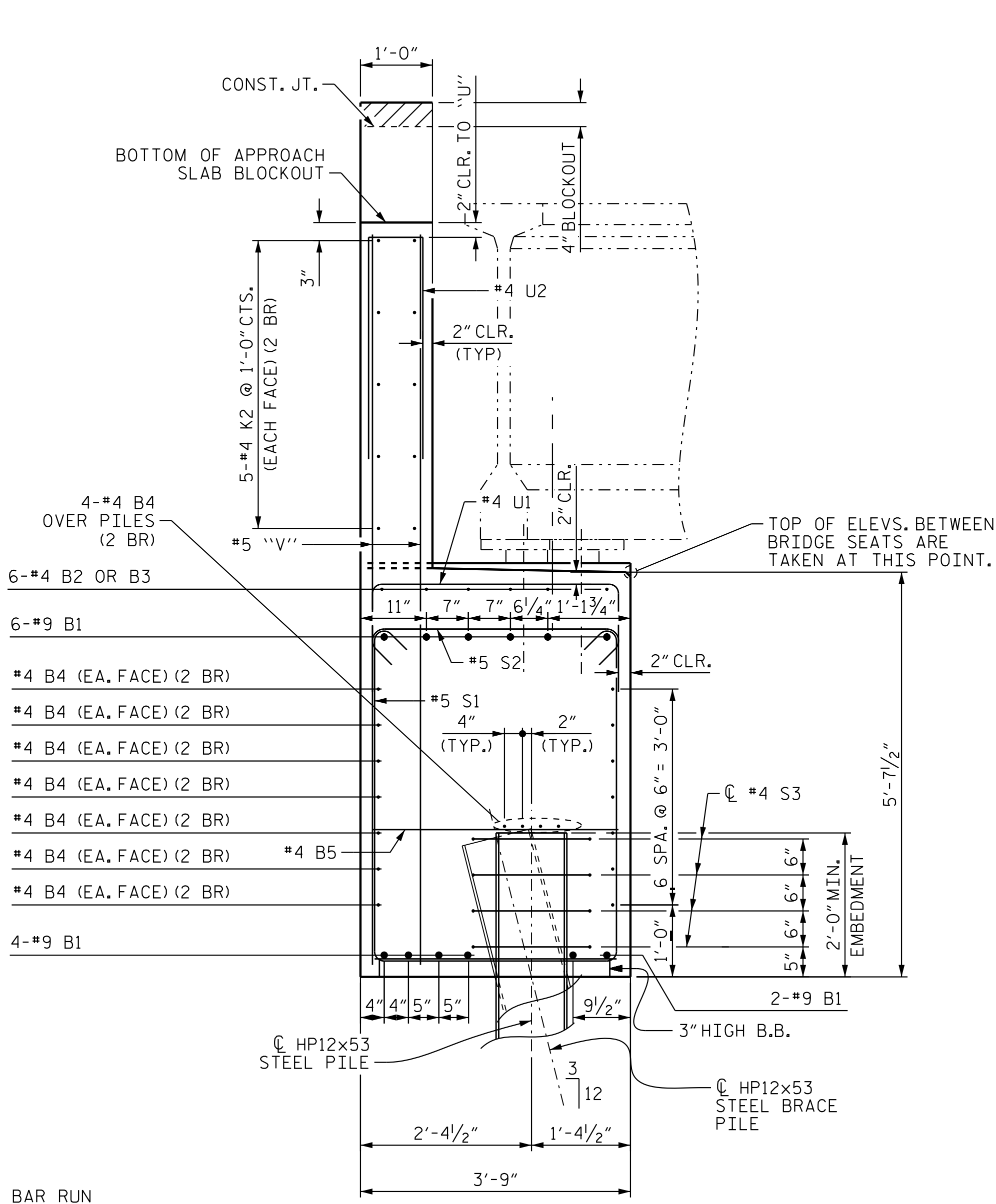


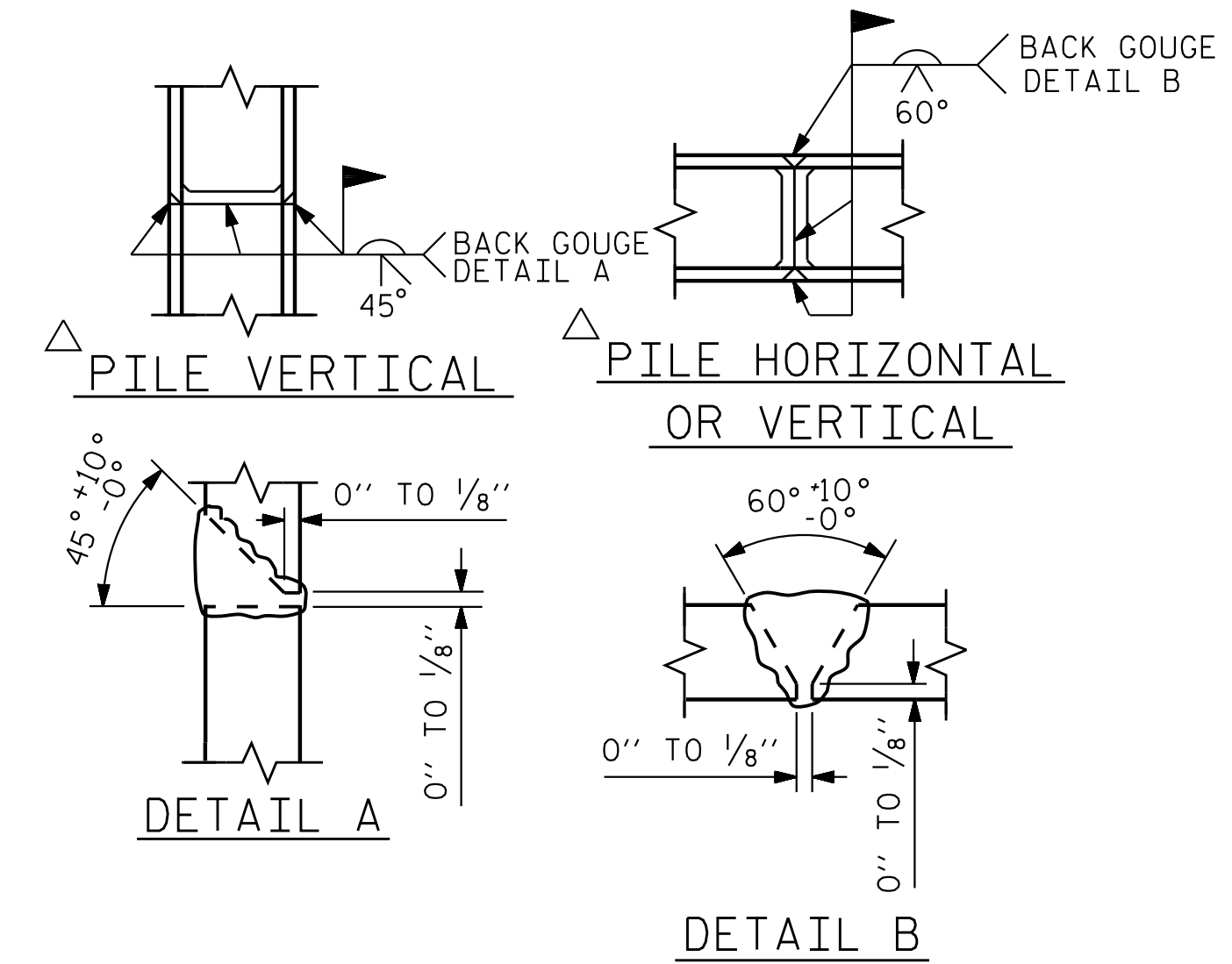
5/16/2023 11:37:29 AM jHogenbush



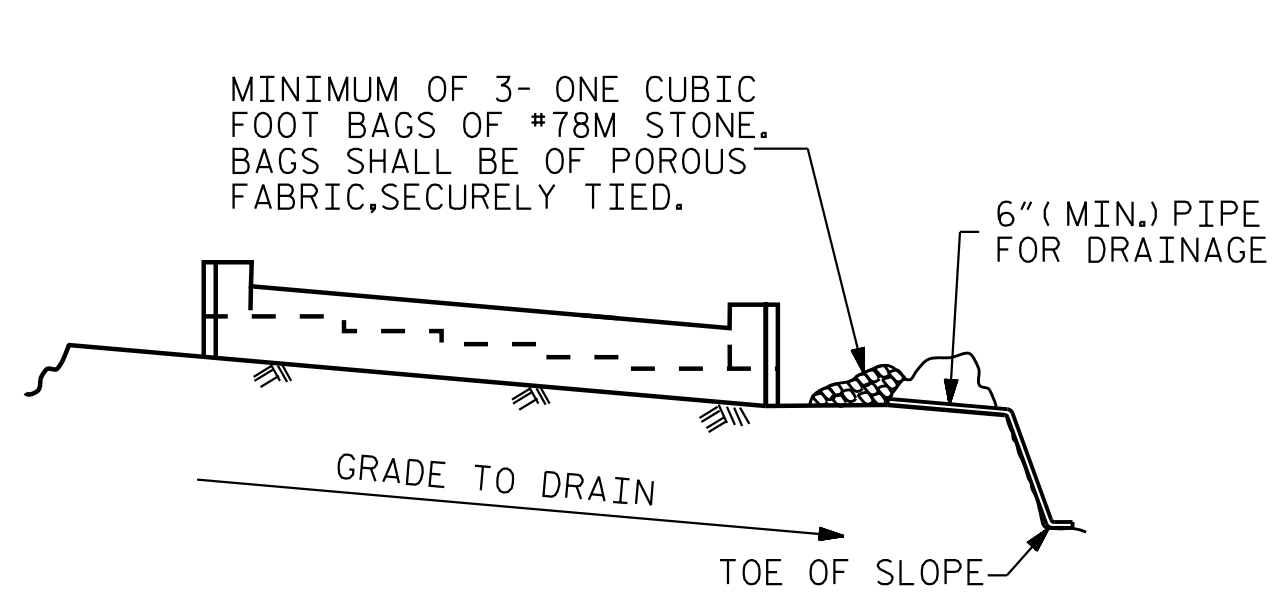
SECTION A-A



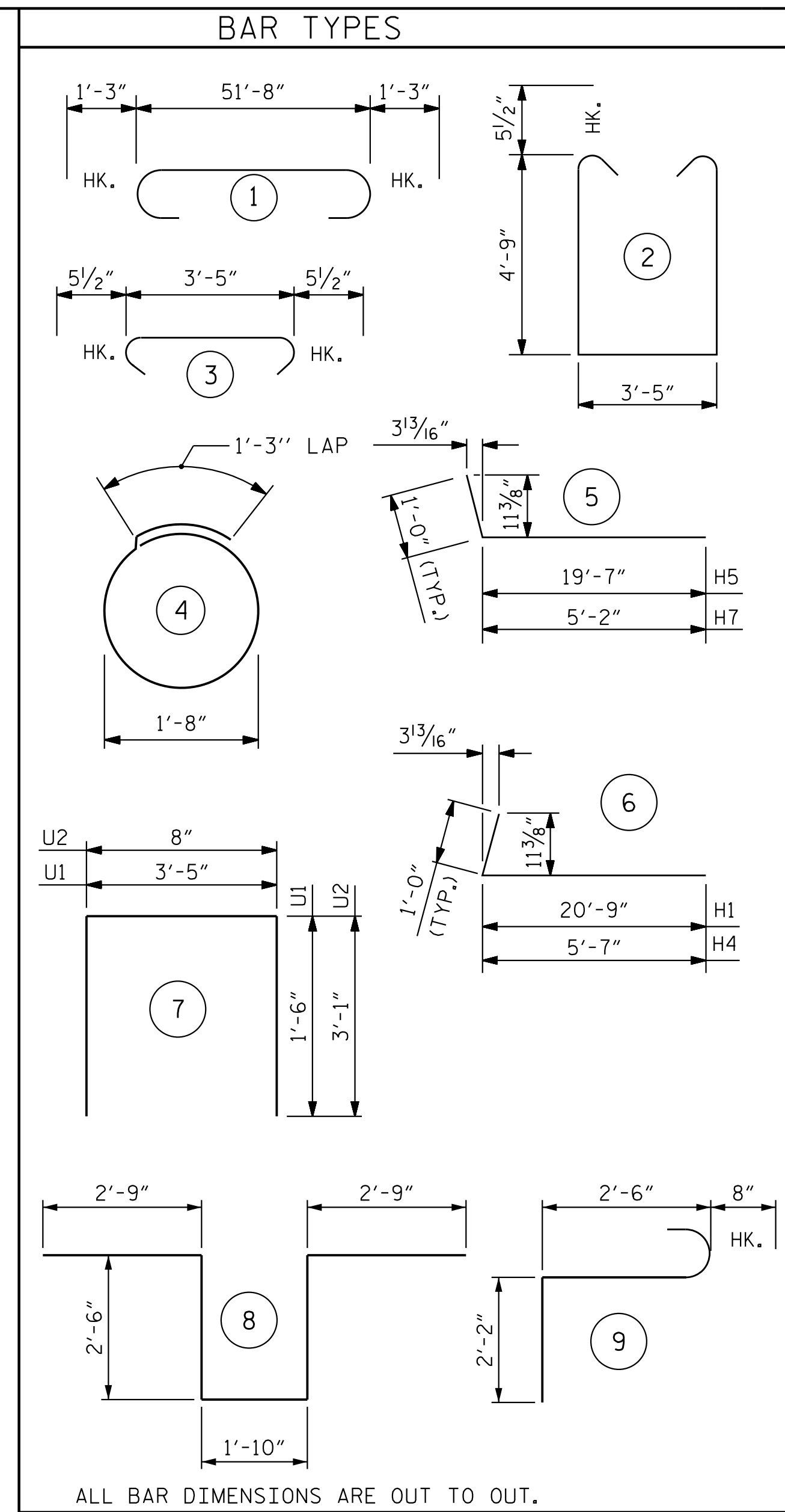
SECTION B-B



PILE SPLICE DETAILS



TEMPORARY DRAINAGE AT END BENT



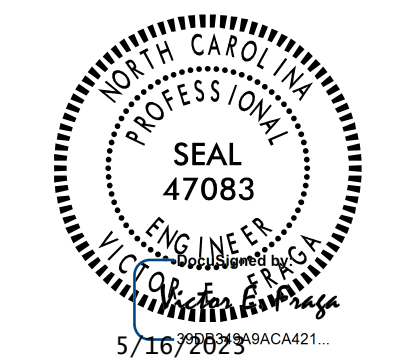
ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	12	#9	1	54'-2"	2,210
B2	6	#4	STR	21'-8"	87
B3	6	#4	STR	7'-7"	30
B4	36	#4	STR	27'-1"	651
B5	13	#4	STR	3'-5"	30
H1	36	#4	6	21'-9"	523
H2	2	#4	STR	16'-0"	21
H3	2	#4	STR	5'-8"	8
H4	8	#4	6	6'-7"	35
H5	34	#4	5	20'-7"	467
H6	2	#4	STR	11'-1"	15
H7	7	#4	5	6'-2"	29
K1	8	#4	STR	3'-8"	20
K2	20	#4	STR	27'-3"	364
S1	77	#5	2	13'-10"	1,111
S2	68	#5	3	4'-4"	307
S3	36	#4	4	6'-6"	156
S4	6	#6	8	12'-4"	111
S5	6	#6	9	5'-4"	48
U1	27	#4	7	6'-5"	116
U2	51	#4	7	6'-10"	233
V1	3	#5	STR	5'-3"	16
V2	4	#5	STR	11'-9"	49
V3	10	#5	STR	11'-10"	123
V4	10	#5	STR	12'-2"	127
V5	10	#5	STR	12'-6"	130
V6	10	#5	STR	12'-10"	134
V7	3	#5	STR	4'-8"	15
V8	4	#5	STR	11'-3"	47
V9	10	#5	STR	11'-4"	118
V10	10	#5	STR	11'-7"	121
V11	10	#5	STR	11'-10"	123
V12	10	#5	STR	12'-1"	126
V13	10	#5	STR	12'-4"	129
V14	88	#5	STR	9'-5"	864
V15	8	#5	STR	11'-7"	72
V16	6	#5	STR	11'-0"	69
REINFORCING STEEL					8,835 LBS.
CLASS A CONCRETE BREAKDOWN:					
POUR #1: CAP, COLLARS, ETC.					50.6 C.Y.
POUR #2: BACKWALL					20.4 C.Y.
CLASS A CONCRETE TOTAL					71.0 C.Y.

PROJECT NO. R-2707D
 CLEVELAND COUNTY
 STATION: 23+21.80 -Y3-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 END BENT 2
 DETAILS



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

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 www.stantec.com
 License No. F-0672

DRAWN BY: J. B. GEILE DATE: 04/06/18
 CHECKED BY: V. E. FRAGA DATE: 05/05/23
 DESIGN ENGINEER OF RECORD: V. E. FRAGA DATE: 05/16/23

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED