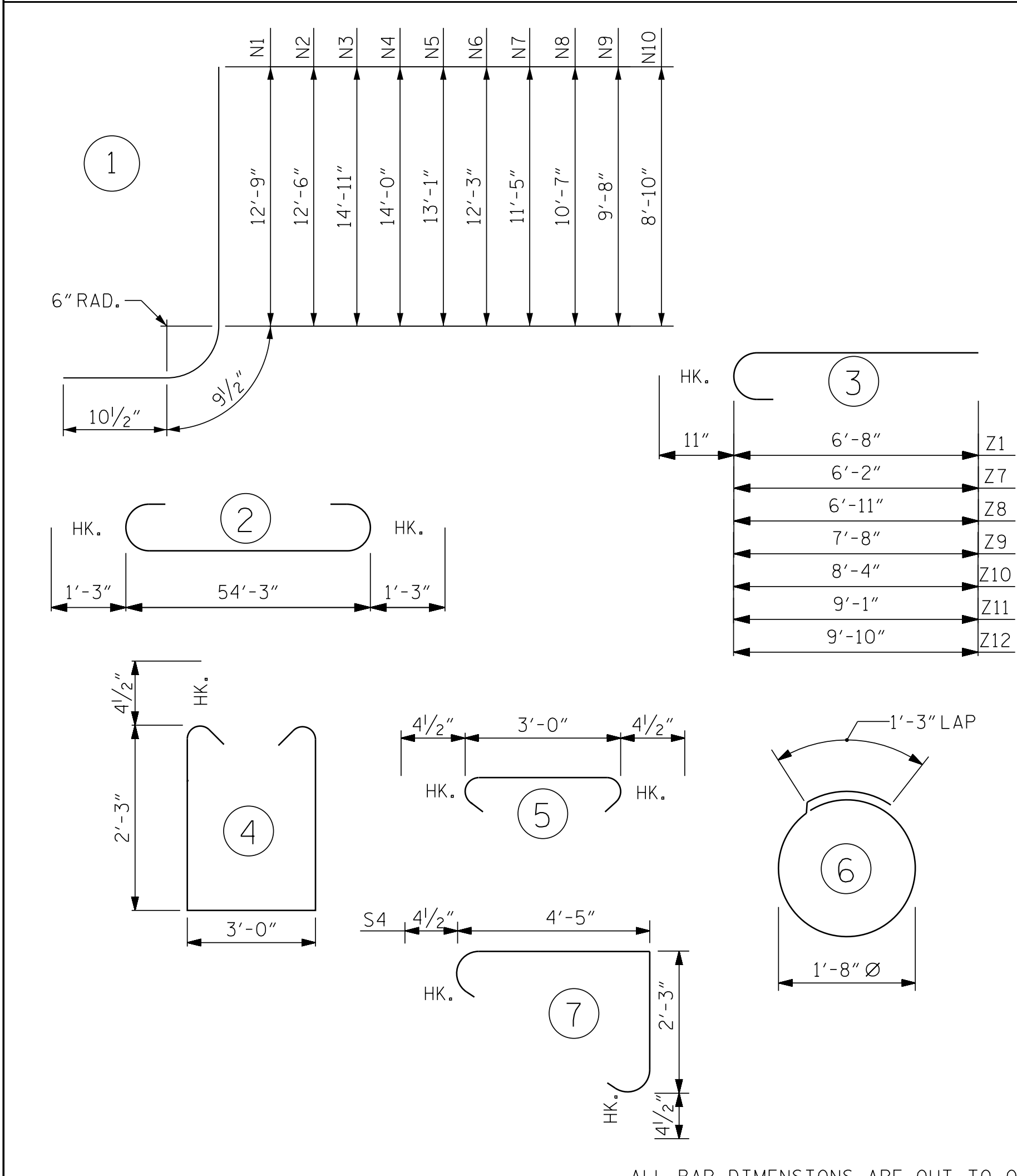


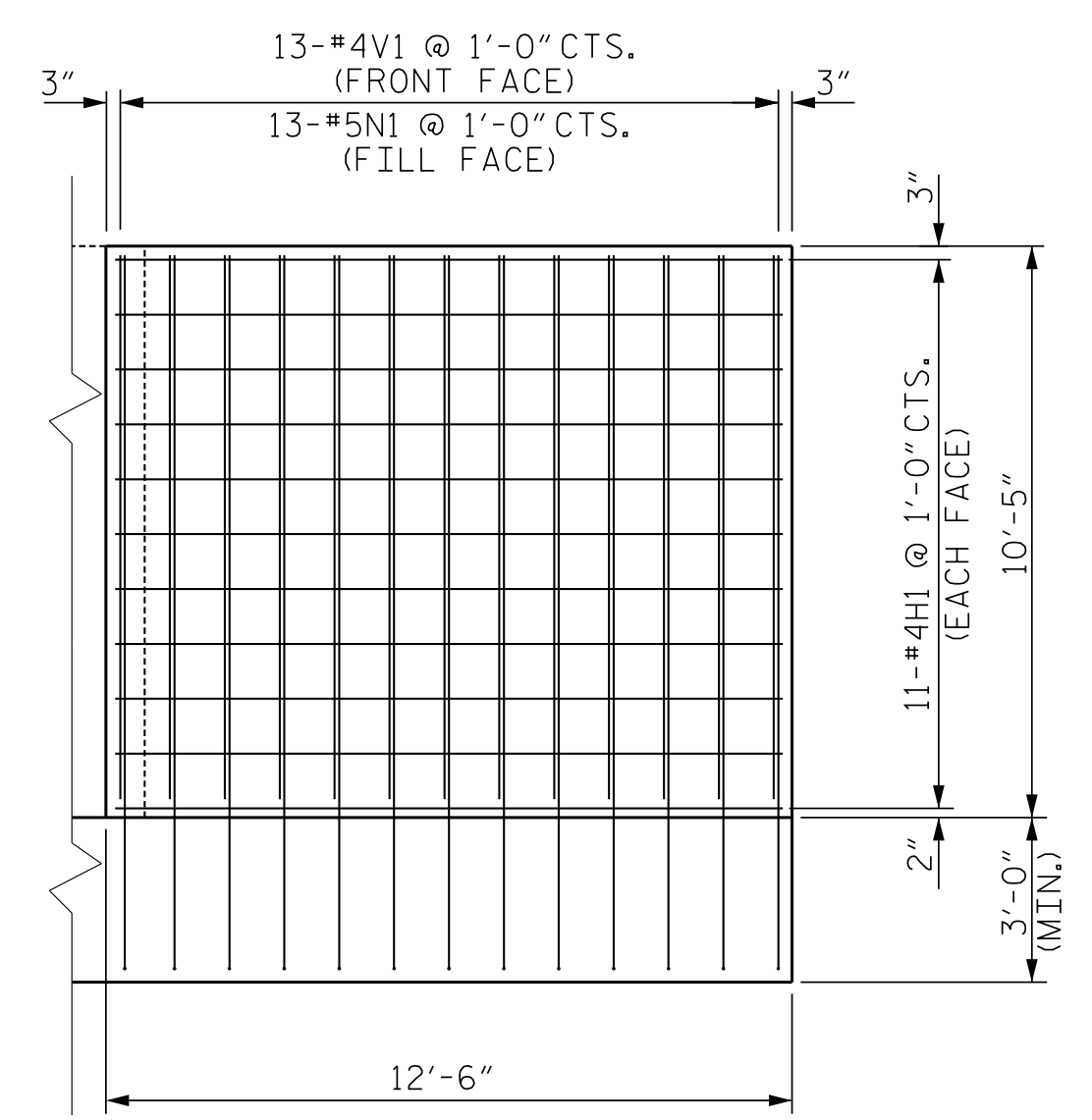
— BAR TYPES —



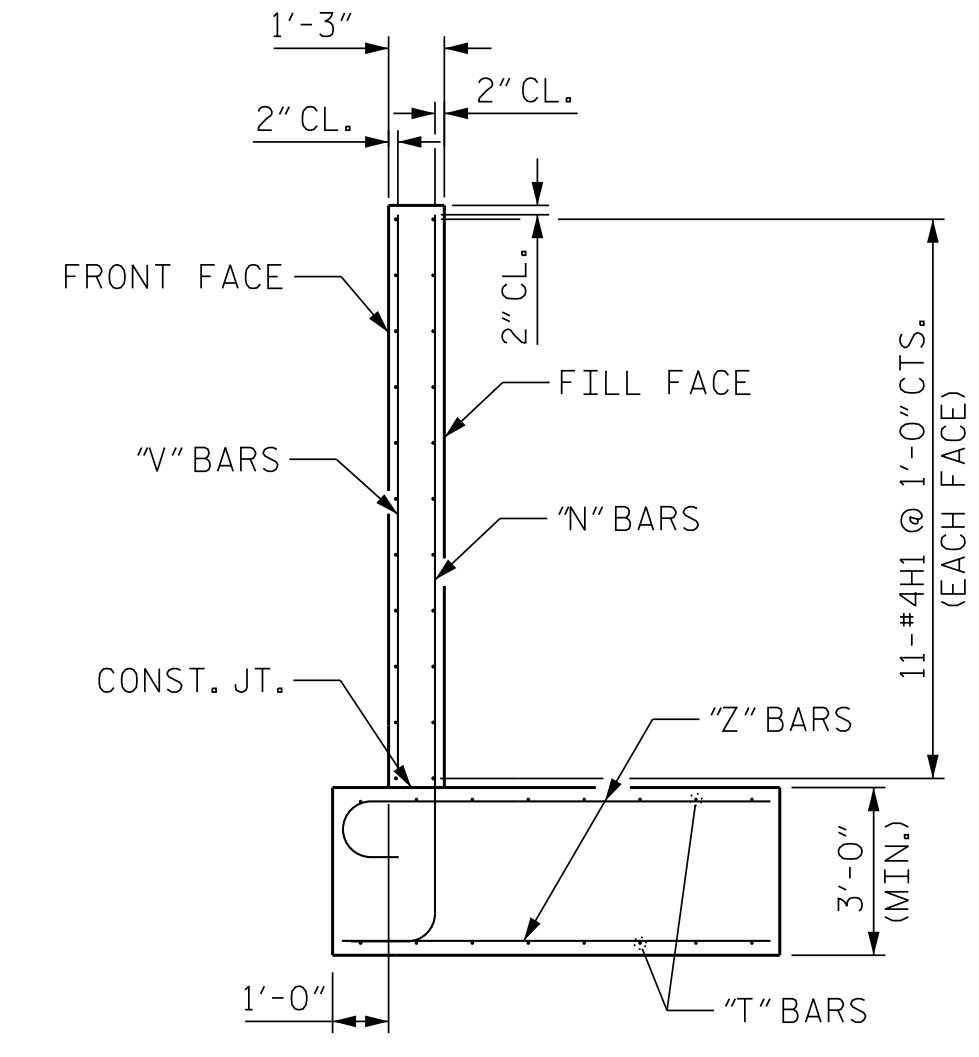
BILL OF MATERIAL

FOOTING #2 AND WINGWALLS W2 & W4											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	42	4	STR	4'-5"	124	T1	14	4	STR	11'-11"	111
A2	2	4	STR	5'-7"	7	T2	12	4	STR	11'-11"	96
A3	2	4	STR	6'-7"	9	T3	2	4	STR	9'-6"	13
A4	2	4	STR	7'-7"	10	T4	2	4	STR	6'-8"	9
A5	2	4	STR	8'-7"	11	T5	2	4	STR	3'-11"	5
A6	2	4	STR	9'-7"	13						
A7	4	4	STR	5'-0"	13	V1	13	4	STR	10'-3"	89
A8	4	4	STR	7'-0"	19	V2	3	4	STR	13'-4"	27
A9	4	4	STR	8'-0"	21	V3	3	4	STR	12'-5"	25
A10	4	4	STR	9'-0"	24	V4	3	4	STR	11'-6"	23
A11	4	4	STR	10'-0"	27	V5	3	4	STR	10'-8"	21
						V6	3	4	STR	9'-10"	20
B1	8	9	2	56'-9"	1544	V7	3	4	STR	9'-0"	18
B2	8	4	STR	28'-4"	151	V8	3	4	STR	8'-1"	16
B3	7	4	STR	4'-5"	21	V9	3	4	STR	7'-3"	15
B4	6	4	STR	29'-1"	117						
B5	2	4	STR	29'-7"	40	Z1	14	5	3	7'-7"	111
						Z2	14	4	STR	6'-8"	62
H1	22	4	STR	11'-7"	170	Z3	1	5	STR	4'-10"	5
H2	16	4	STR	11'-7"	124	Z4	1	4	STR	4'-10"	3
H3	2	4	STR	9'-10"	13	Z5	1	5	STR	2'-10"	3
H4	2	4	STR	8'-1"	11	Z6	1	4	STR	2'-10"	2
H5	2	4	STR	6'-4"	8	Z7	4	8	3	7'-1"	76
H6	2	4	STR	4'-7"	6	Z8	4	8	3	7'-10"	84
H7	2	4	STR	2'-10"	4	Z9	4	8	3	8'-7"	92
H8	2	4	STR	1'-1"	1	Z10	4	8	3	9'-3"	99
H9	2	4	STR	12'-5"	17	Z11	4	8	3	10'-0"	107
						Z12	6	8	3	10'-9"	172
N1	19	5	1	14'-5"	286	Z13	1	8	STR	8'-1"	22
N2	6	7	1	14'-2"	174	Z14	1	8	STR	6'-1"	16
N3	3	7	1	16'-7"	102	Z15	1	8	STR	4'-1"	11
N4	3	7	1	15'-8"	96	Z16	1	8	STR	2'-1"	6
N5	3	7	1	14'-9"	91	Z17	4	4	STR	4'-11"	13
N6	3	7	1	13'-11"	85	Z18	2	4	STR	5'-8"	8
N7	3	7	1	13'-1"	80	Z19	2	4	STR	6'-5"	9
N8	3	7	1	12'-3"	75	Z20	4	4	STR	7'-1"	19
N9	3	7	1	11'-4"	69	Z21	1	4	STR	7'-10"	5
N10	3	7	1	10'-6"	64	Z22	6	4	STR	8'-7"	34
						Z23	1	4	STR	8'-1"	5
S1	44	4	5	3'-9"	110	Z24	1	4	STR	6'-1"	4
S2	44	4	4	8'-3"	242	Z25	1	4	STR	4'-1"	3
S3	16	4	6	6'-6"	69	Z26	1	4	STR	2'-1"	1
S4	30	4	7	7'-5"	149						

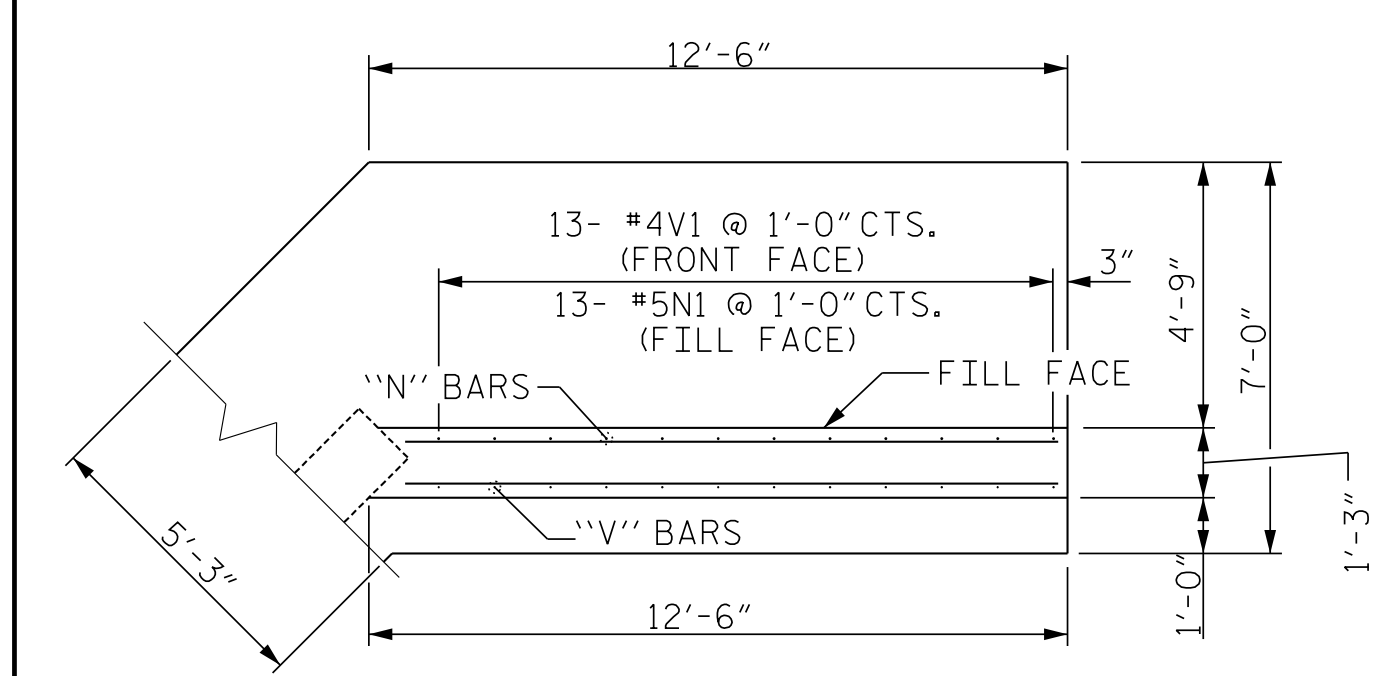
ALL BAR DIMENSIONS ARE OUT TO OUT



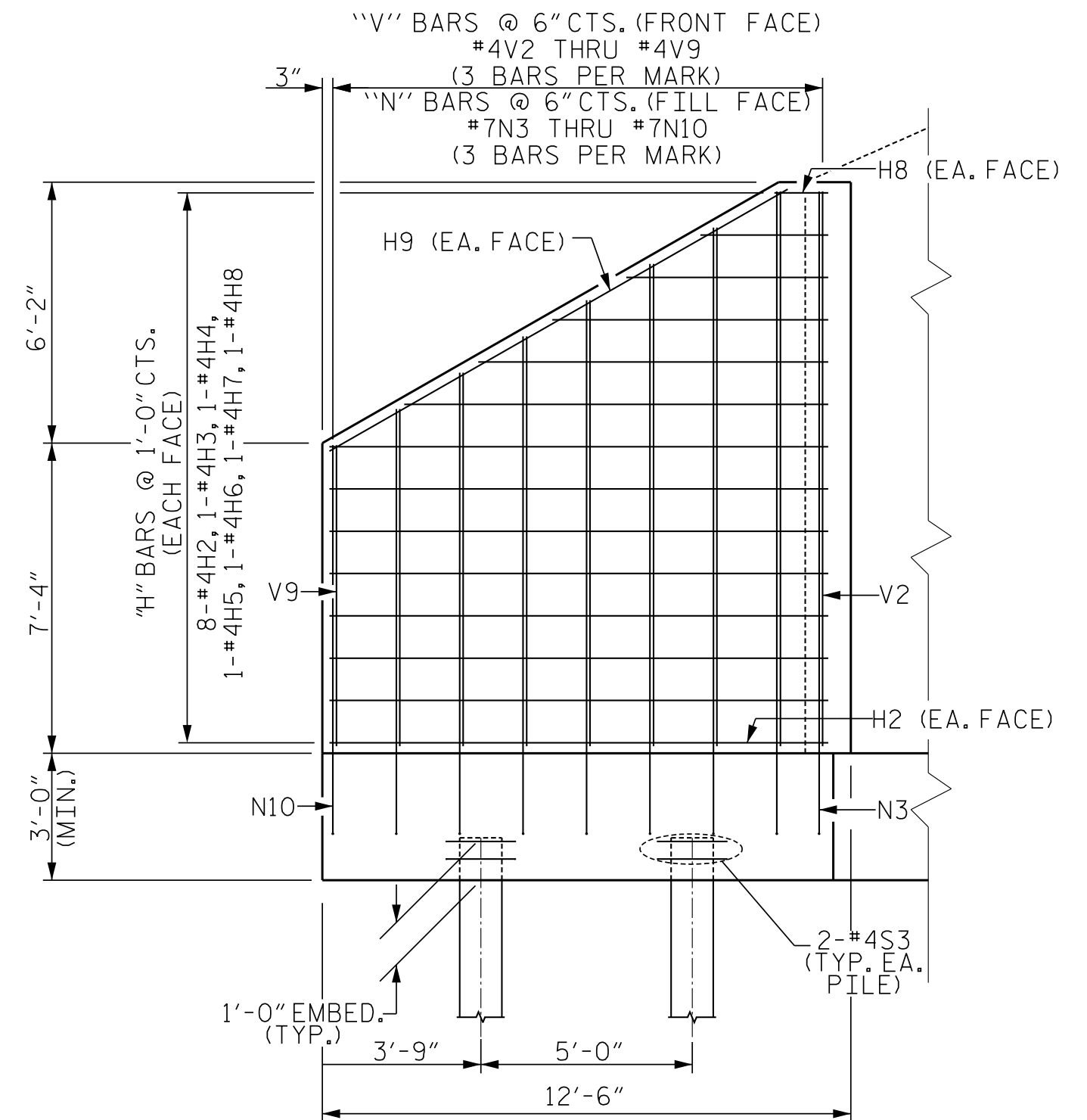
W2 ELEVATION



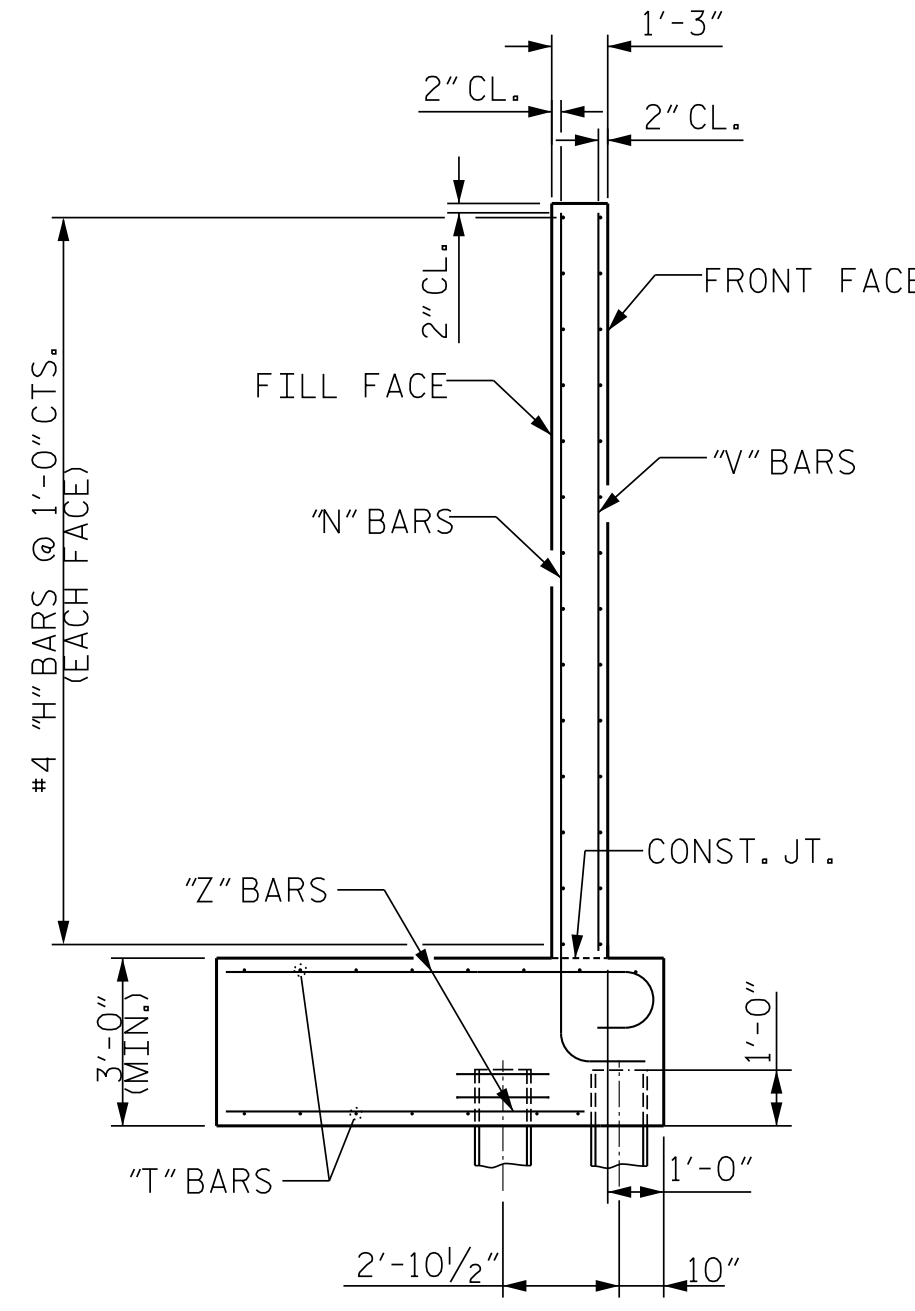
W2 SECTION



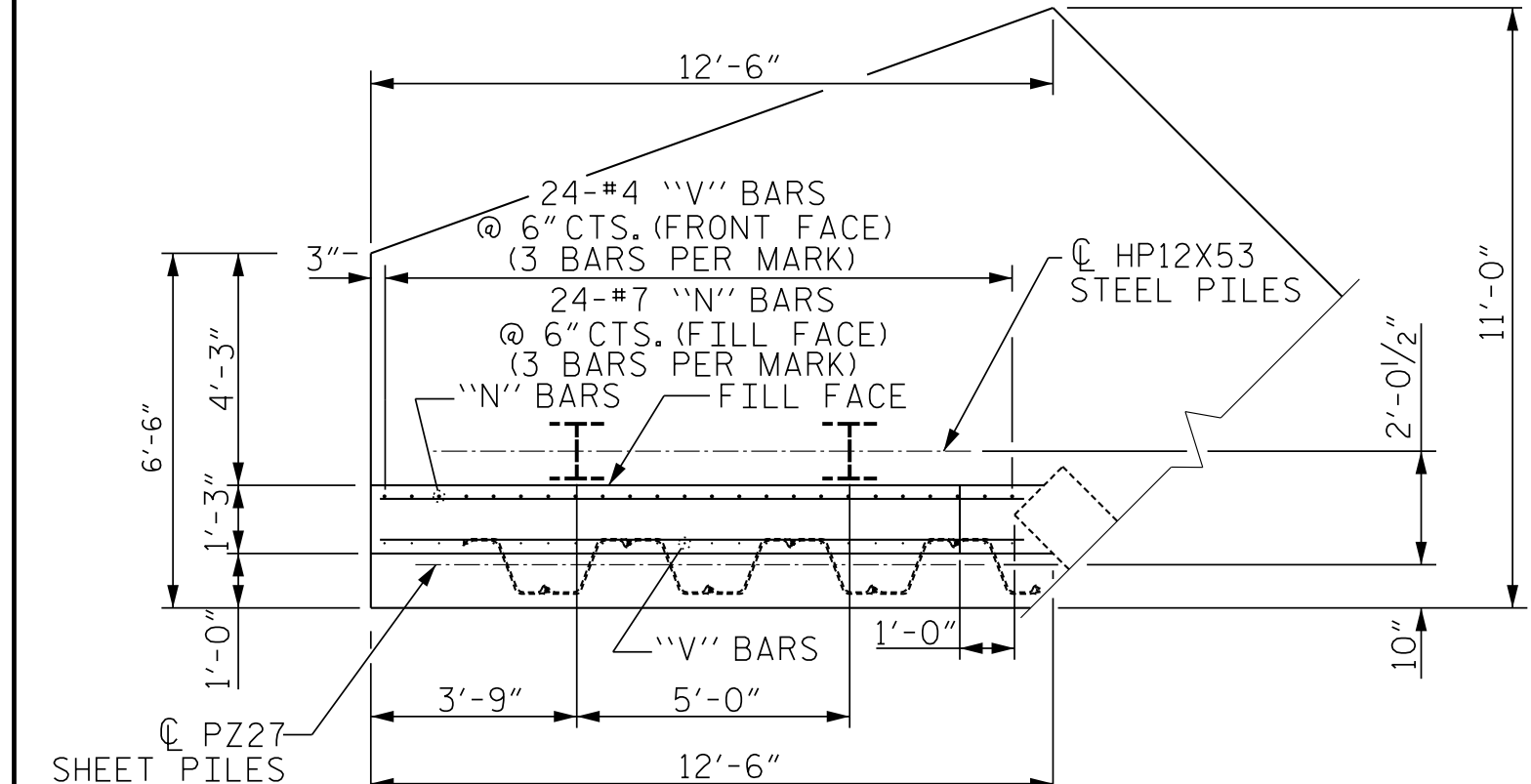
W2 PLAN



W4 ELEVATION

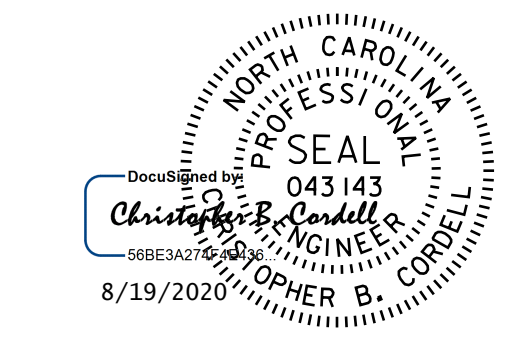


W4 SECTION

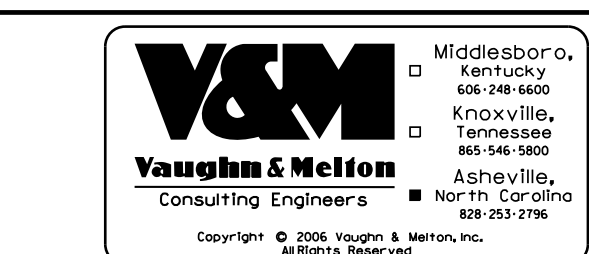


W4 PLAN

NO.: 8	LIN. FT. = 152.0	HP12X53 STEEL PILES	REINFORCING STEEL	5657 LBS.
PILE EXCAVATION (IN SOIL)	LIN. FT. = 64.0		CLASS A CONCRETE BREAKDOWN	
PILE EXCAVATION (NOT IN SOIL)	LIN. FT. = 80.0		POUR #1 (CULVERT & WINGS)	55.0 C.Y.
			POUR #2 WING WALL STEMS	12.3 C.Y.
			TOTAL CLASS A CONCRETE	67.3 C.Y.
NO. PZ27 = 29		18" STEEL SHEET PILES		
NO. PZ90 = 1				
NO. PZ COLT = 1				
TOTAL = 31				SQ. FT. = 440



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DRAWN BY: HL DATE: 03/2020
 CHECKED BY: CBC DATE: 03/2020
 ENG. OF RECORD: CBC DATE: 03/2020

PROJECT NO. U-5887
 HENDERSON COUNTY
 STATION: 22+44.41 -L-
 SHEET 10 OF 21

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
FOOTING #2 WINGWALL DETAILS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					SHEET NO. C-10
					TOTAL SHEETS 36