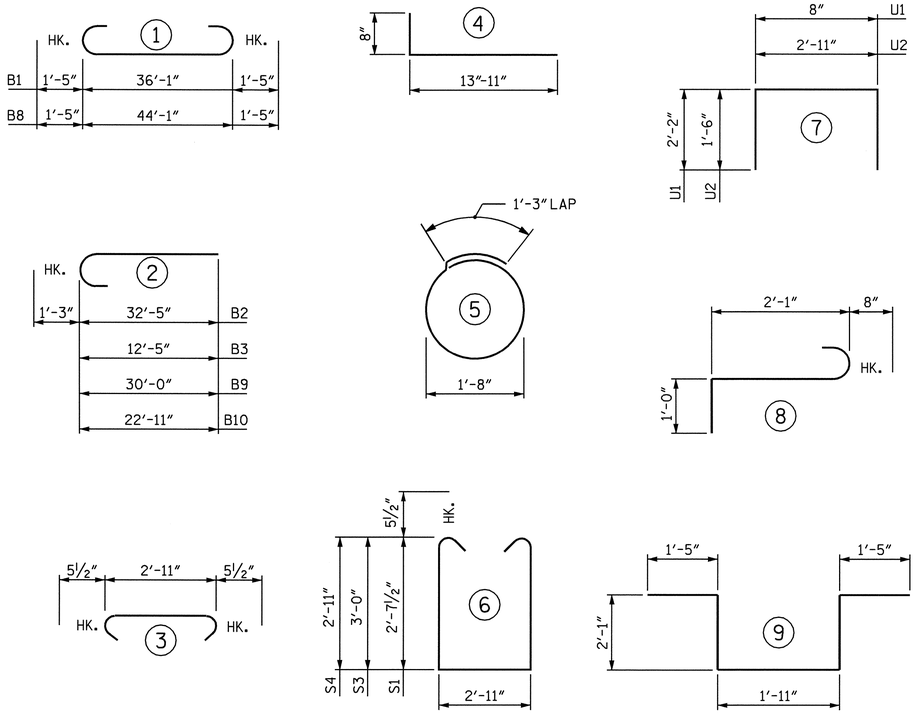
BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#10	1	38'-11"	670
B2	5	#9	2	33'-9"	574
B3	5	#9	2	13'-8"	232
B4	2	#5	STR	36'-3"	76
B5	8	#4	2	19'-4"	103
B6	12	#4	STR	2'-11"	23
B7	10	#4	STR	3'-4"	22
H1	24	#4	4	14'-7"	234
H2	2	#4	STR	2'-7"	3
K1	28	#4	STR	19'-5"	363
S1	21	#5	6	9'-1"	199
S2	32	#5	3	3'-10"	128
S3	11	#5	6	9'-10"	113
S5	14	#4	5	6'-6"	61
S6	3	#6	8	3'-9"	17
S7	1	#6	9	8'-11"	13
U1	34	#4	7	5'-0"	114
U2	8	#4	7	5'-11"	32
V1	68	#5	STR	6'-2"	437
V2	34	#4	STR	10'-4"	235

REINFORCING STEEL LBS 3649

CLASS A CONCRETE

POUR #1: (CAP & WING) C.Y. 16.2
POUR #2: (BACKWALL & WING) C.Y. 13.2

CLASS A CONCRETE TOTAL C.Y. 29.4

HP 12x53 STEEL PILES

NO. 8 LIN. FT. 280

STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B6	13	#4	STR	2'-11"	25
B8	4	#10	1	46'-11"	808
B9	5	#9	2	31'-3"	531
B10	5	#9	2	24'-2"	411
B11	8	#4	STR	23'-5"	125
B12	2	#5	STR	44'-3"	92
D1	7	#6	STR	4'-6"	47
H1	24	#4	4	14'-7"	234
H2	2	#4	STR	2'-7"	3
K2	28	#4	STR	22'-4"	418
S1	17	#5	6	9'-1"	161
S2	35	#5	3	3'-10"	140
S4	18	#5	6	9'-10"	185
S5	18	#4	5	6'-6"	78
S6	3	#6	8	3'-9"	17
S7	1	#6	9	8'-11"	13
U1	42	#4	7	5'-0"	140
U2	8	#4	7	5'-11"	32
V1	84	#5	STR	6'-2"	540
V2	34	#4	STR	10'-4"	235

REINFORCING STEEL LBS 4235

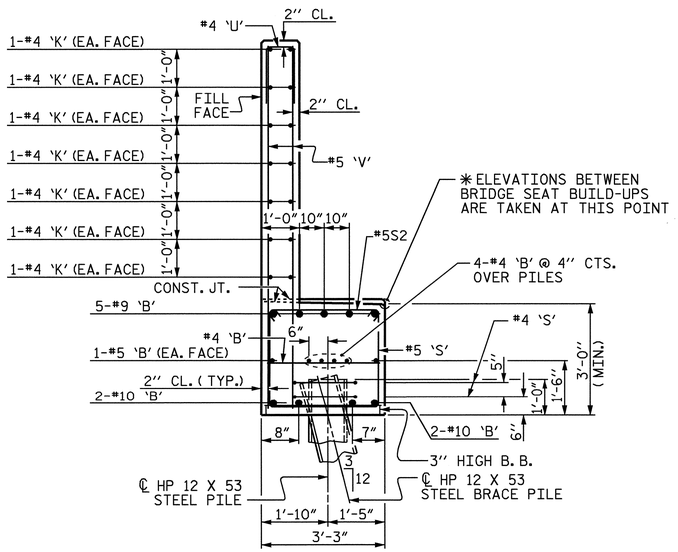
CLASS A CONCRETE

POUR #1: (CAP & WING) C.Y. 19.8
POUR #2: (BACKWALL & WING) C.Y. 15.1

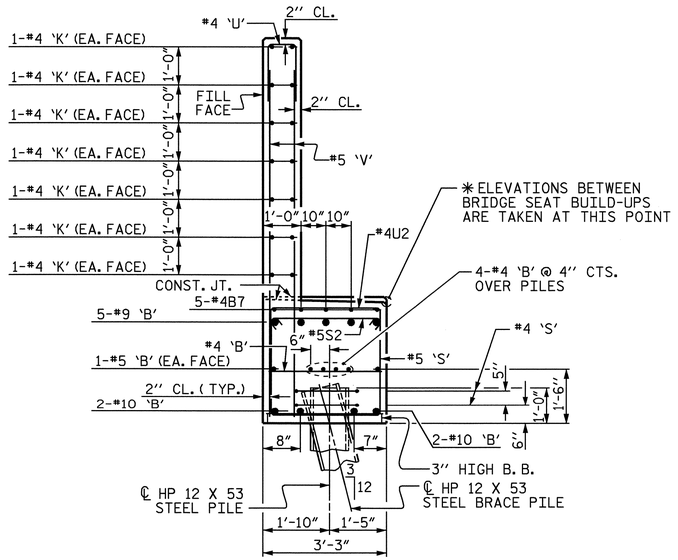
CLASS A CONCRETE TOTAL C.Y. 34.9

HP 12x53 STEEL PILES

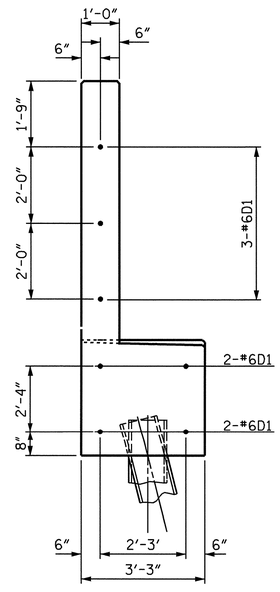
NO. 10 LIN. FT. 350



SECTION A-A



SECTION B-B



SECTION C-C

DRAWN BY : B.N.BARODAWALA DATE : 7-15-04
CHECKED BY : TRACY WALTER DATE : 7-21-04

NORTH CAROLINA PROFESSIONAL SEAL 21638 ENGINEER LAURA E SUTTON
9/8/04

PROJECT NO. I-4025A
YADKIN-SURRY COUNTY
STATION: 28+95.00 -SBL-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	4-71
1			3			TOTAL SHEETS
2			4			78