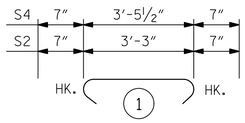
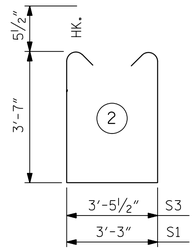
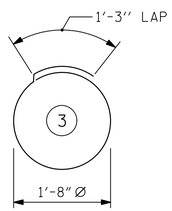
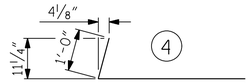
BAR TYPES



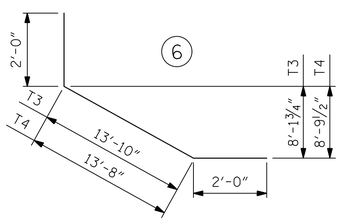


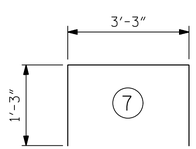




H73	10′-11″
H74	11′-5″
H75	12′-0″
H76	12′-7″
H77	13′-1″
H78	13′-8″
H79	14′-3″
H80	14′-10″
H81	15′-4″
H82	15′-11″
H173	10′-5″
H174	11′-0″
H175	11′-7″
H176	12′-2″
H177	12′-8″
H178	13′-3″
H179	13′-10″
H180	14′-4″
H181	14′-11″
H182	15′-4″

H53	10′-6″
H54	11′-2″
H55	11′-10″
H56	12′-5″
H57	13′-1″
H58	13′-9″
H59	14′-4″
H60	15′-0″
H61	15′-8″
H62	16′-1″
H153	10′-11″
H154	11′-7″
H155	12′-3″
H156	12′-10″
H157	13′-6″
H158	14′-2″
H159	14′-9″
H160	15′-5″
H161	16′-1″
H162	16′-8″





ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
B1	9	#9	STR	60′-0″	1836
B2	9	#9	STR	18′-0″	551
B3	20	#4	STR	12′-10″	171
B4	16	#5	STR	37′-6″	626
B5	12	#4	STR	25′-8″	206
B6	20	#4	STR	3′-3″	43
H45	1	#6	STR	6′-8″	10
H46	1	#6	STR	7′-4″	11
H47	1	#6	STR	8′-0″	12
H48	1	#6	STR	8′-8″	13
H49	1	#6	STR	9′-5″	14
H50	1	#6	STR	10′-1″	15
H51	1	#6	STR	10′-9″	16
H52	1	#6	STR	11′-5″	17
H53	1	#6	5	11′-6″	17
H54	1	#6	5	12′-2″	18
H55	1	#6	5	12′-10″	19
H56	1	#6	5	13′-5″	20
H57	1	#6	5	14′-1″	21
H58	1	#6	5	14′-9″	22
H59	1	#6	5	15′-4″	23
H60	1	#6	5	16′-0″	24
H61	1	#6	5	16′-8″	25
H62	5	#6	5	17′-1″	128
H63	1	#6	STR	7′-0″	11
H64	1	#6	STR	7′-7″	11
H65	1	#6	STR	8′-1″	12
H66	1	#6	STR	8′-8″	13
H67	1	#6	STR	9′-2″	14
H68	1	#6	STR	9′-9″	15
H69	1	#6	STR	10′-3″	15
H70	1	#6	STR	10′-10″	16
H71	1	#6	STR	11′-4″	17
H72	1	#6	STR	11′-11″	18
H73	1	#6	4	11′-11″	18
H74	1	#6	4	12′-5″	19
H75	1	#6	4	13′-0″	20
H76	1	#6	4	13′-7″	20
H77	1	#6	4	14′-1″	21
H78	1	#6	4	14′-8″	22
H79	1	#6	4	15′-3″	23
H80	1	#6	4	15′-10″	24
H81	1	#6	4	16′-4″	25
H82	5	#6	4	16′-11″	127
H145	1	#6	STR	7′-1″	11
H146	1	#6	STR	7′-9″	12
H147	1	#6	STR	8′-5″	13
H148	1	#6	STR	9′-2″	14
H149	1	#6	STR	9′-10″	15
H150	1	#6	STR	10′-6″	16
H151	1	#6	STR	11′-2″	17
H152	1	#6	STR	11′-11″	18
H153	1	#6	5	11′-11″	18
H154	1	#6	5	12′-7″	19
H155	1	#6	5	13′-3″	20
H156	1	#6	5	13′-10″	21

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
H157	1	#6	5	14′-6″	22
H158	1	#6	5	15′-2″	23
H159	1	#6	5	15′-9″	24
H160	1	#6	5	16′-5″	25
H161	1	#6	5	17′-1″	26
H162	5	#6	5	17′-8″	133
H163	1	#6	STR	6′-7″	10
H164	1	#6	STR	7′-2″	11
H165	1	#6	STR	7′-8″	12
H166	1	#6	STR	8′-3″	12
H167	1	#6	STR	8′-9″	13
H168	1	#6	STR	9′-4″	14
H169	1	#6	STR	9′-10″	15
H170	1	#6	STR	10′-5″	16
H171	1	#6	STR	10′-11″	16
H172	1	#6	STR	11′-6″	17
H173	1	#6	4	11′-5″	17
H174	1	#6	4	12′-0″	18
H175	1	#6	4	12′-7″	19
H176	1	#6	4	13′-2″	20
H177	1	#6	4	13′-8″	21
H178	1	#6	4	14′-3″	21
H179	1	#6	4	14′-10″	22
H180	1	#6	4	15′-4″	23
H181	1	#6	4	15′-11″	24
H182	5	#6	4	16′-4″	123
K1	56	#6	STR	2′-9″	231
S1	74	#5	2	11′-4″	875
S2	74	#5	1	4′-5″	341
S3	2	#5	2	10′-7″	24
S4	2	#5	1	4′-7″	10
S5	114	#5	STR	3′-0″	357
S6	39	#4	3	6′-6″	169
T3	2	#5	6	17′-10″	37
T4	2	#5	6	17′-8″	37
U1	37	#4	7	5′-9″	142
V38	21	#5	STR	5′-6″	120
V39	9	#5	STR	6′-4″	59
V40	2	#5	STR	6′-4″	13
V41	2	#5	STR	6′-4″	13
V42	2	#5	STR	6′-5″	13
V43	2	#5	STR	5′-9″	12
V44	2	#5	STR	5′-0″	10
V45	2	#5	STR	4′-4″	9
V46	2	#5	STR	6′-6″	14
V47	2	#5	STR	6′-6″	14
V48	2	#5	STR	5′-10″	12
V49	2	#5	STR	5′-2″	11
V50	2	#5	STR	4′-6″	9
V51	2	#5	STR	3′-9″	8
V52	2	#5	STR	3′-1″	6
V53	2	#5	STR	2′-5″	5

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
V54	2	#5	STR	2′-0″	4
V55	22	#5	STR	6′-1″	140
V56	10	#5	STR	6′-5″	67
V57	2	#5	STR	6′-5″	13
V58	2	#5	STR	6′-5″	13
V59	2	#5	STR	6′-6″	14
V60	2	#5	STR	5′-8″	12
V61	2	#5	STR	4′-10″	10
V62	2	#5	STR	4′-1″	9
V63	2	#5	STR	6′-7″	14
V64	2	#5	STR	6′-7″	14
V65	2	#5	STR	5′-10″	12
V66	2	#5	STR	5′-0″	10
V67	2	#5	STR	4′-2″	9
V68	2	#5	STR	3′-4″	7
V69	2	#5	STR	2′-7″	5
V70	2	#5	STR	2′-0″	4

REINFORCING STEEL	LBS.	8116
CLASS "A" CONCRETE BREAKDOWN		
POUR #1 PILE CAP	CY.	46.5
POUR #1 WINGWALL 3	CY.	1.2
POUR #1 WINGWALL 4	CY.	1.3
CLASS "A" CONCRETE	CY.	49.0
HP12x53 STEEL PILES	NO.	13
	LIN. FT.	1430

PROJECT NO. U-2579B

FORSYTH COUNTY

STATION: 628+65.50 -L-

SHEET 4 OF 4

DocuSigned by: Steven K Doerner A22D3DBEFA1D43F... 8/8/2014

NORTH CAROLINA PROFESSIONAL SEAL 16572 ENGINEER STEVEN K. DOERNER

Prepared by:
JACOBS
JACOBS ENGINEERING GROUP
111 CORNING ROAD, SUITE 200
CARY, NORTH CAROLINA 27518
TEL: (919) 859-5000

DWG. NO. 40 OF 44

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

INTEGRAL END BENT 2
BILL OF MATERIALS

LEFT LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-349
1			3			TOTAL SHEETS
2			4			707

DRAWN BY : HLS DATE : 7/21/14
CHECKED BY : JBT DATE : 7/24/14

$$$$$$STRUCTURE$$$$$$
$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$