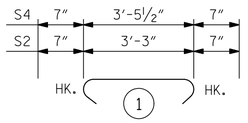
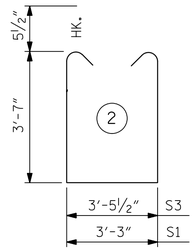
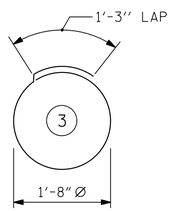
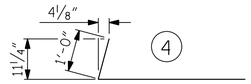
BAR TYPES

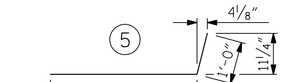




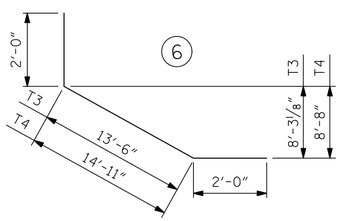


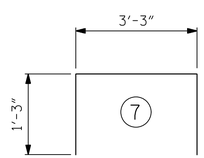


H63	11′-5″
H64	12′-1″
H65	12′-9″
H66	13′-5″
H67	14′-1″
H68	14′-9″
H69	15′-5″
H70	16′-1″
H71	16′-9″
H72	17′-8″
H163	11′-0″
H164	11′-8″
H165	12′-4″
H166	13′-0″
H167	13′-8″
H168	14′-4″
H169	15′-0″
H170	15′-8″
H171	16′-3″
H172	17′-1″



H44	10′-2″
H45	10′-9″
H46	11′-4″
H47	11′-11″
H48	12′-7″
H49	13′-2″
H50	13′-9″
H51	14′-4″
H52	14′-11″
H53	15′-7″
H144	10′-7″
H145	11′-2″
H146	11′-9″
H147	12′-4″
H148	13′-0″
H149	13′-7″
H150	14′-2″
H151	14′-2″
H152	15′-9″
H153	16′-2″





ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
B4	11	#4	STR	3′-3″	24
B5	9	#9	STR	41′-1″	1257
B6	10	#4	STR	13′-10″	92
B7	24	#4	STR	21′-3″	341
H36	1	#6	STR	6′-7″	10
H37	1	#6	STR	7′-3″	11
H38	1	#6	STR	7′-11″	12
H39	1	#6	STR	8′-7″	13
H40	1	#6	STR	9′-2″	14
H41	1	#6	STR	9′-10″	15
H42	1	#6	STR	10′-6″	16
H43	1	#6	STR	11′-2″	17
H44	1	#6	5	11′-2″	17
H45	1	#6	5	11′-9″	18
H46	1	#6	5	12′-4″	19
H47	1	#6	5	12′-11″	19
H48	1	#6	5	13′-7″	20
H49	1	#6	5	14′-2″	21
H50	1	#6	5	14′-9″	22
H51	1	#6	5	15′-4″	23
H52	1	#6	5	15′-11″	24
H53	5	#6	5	16′-7″	125
H54	1	#6	STR	7′-1″	11
H55	1	#6	STR	7′-9″	12
H56	1	#6	STR	8′-5″	13
H57	1	#6	STR	9′-1″	14
H58	1	#6	STR	9′-9″	15
H59	1	#6	STR	10′-4″	16
H60	1	#6	STR	11′-0″	17
H61	1	#6	STR	11′-8″	18
H62	1	#6	STR	12′-4″	19
H63	1	#6	4	12′-5″	19
H64	1	#6	4	13′-1″	20
H65	1	#6	4	13′-9″	21
H66	1	#6	4	14′-5″	22
H67	1	#6	4	15′-1″	23
H68	1	#6	4	15′-9″	24
H69	1	#6	4	16′-5″	25
H70	1	#6	4	17′-1″	26
H71	1	#6	4	17′-9″	27
H72	5	#6	4	18′-8″	140
H136	1	#6	STR	7′-1″	11
H137	1	#6	STR	7′-8″	12
H138	1	#6	STR	8′-4″	13
H139	1	#6	STR	9′-0″	14
H140	1	#6	STR	9′-8″	15
H141	1	#6	STR	10′-3″	15
H142	1	#6	STR	10′-3″	15
H143	1	#6	STR	11′-7″	17
H144	1	#6	5	11′-7″	17
H145	1	#6	5	12′-2″	18
H146	1	#6	5	12′-9″	19
H147	1	#6	5	13′-4″	20
H148	1	#6	5	14′-0″	21
H149	1	#6	5	14′-7″	22

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
H150	1	#6	5	15′-2″	23
H151	1	#6	5	15′-2″	23
H152	1	#6	5	16′-9″	25
H153	5	#6	5	17′-2″	129
H154	1	#6	STR	6′-8″	10
H155	1	#6	STR	7′-4″	11
H156	1	#6	STR	8′-0″	12
H157	1	#6	STR	8′-8″	13
H158	1	#6	STR	9′-3″	14
H159	1	#6	STR	9′-11″	15
H160	1	#6	STR	10′-7″	16
H161	1	#6	STR	11′-3″	17
H162	1	#6	STR	11′-11″	18
H163	1	#6	4	12′-0″	18
H164	1	#6	4	12′-8″	19
H165	1	#6	4	13′-4″	20
H166	1	#6	4	14′-0″	21
H167	1	#6	4	14′-8″	22
H168	1	#6	4	15′-4″	23
H169	1	#6	4	16′-0″	24
H170	1	#6	4	16′-8″	25
H171	1	#6	4	17′-3″	26
H172	5	#6	4	18′-1″	136
K1	56	#6	STR	2′-9″	231
S1	40	#5	2	11′-4″	473
S2	40	#5	1	4′-5″	184
S3	2	#5	2	11′-6½″	24
S4	2	#5	1	4′-8″	10
S5	64	#5	STR	3′-0″	200
S6	21	#4	3	6′-6″	91
T3	2	#5	6	17′-6″	37
T4	2	#5	6	18′-11″	39
U1	20	#4	7	5′-9″	77
V31	21	#5	STR	5′-6″	120
V32	9	#5	STR	6′-4″	59
V33	2	#5	STR	6′-4″	13
V34	2	#5	STR	6′-4″	13
V35	2	#5	STR	6′-5″	13
V36	2	#5	STR	5′-8″	12
V37	2	#5	STR	4′-11″	10
V38	2	#5	STR	4′-2″	9
V39	2	#5	STR	6′-6″	14
V40	2	#5	STR	6′-6″	14
V41	2	#5	STR	5′-9″	12
V42	2	#5	STR	5′-0″	10
V43	2	#5	STR	4′-3″	9
V44	2	#5	STR	3′-6″	7
V45	2	#5	STR	2′-9″	6
V46	2	#5	STR	2′-1″	4
V47	22	#5	STR	5′-9″	132
V48	10	#5	STR	6′-5″	67

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
V49	2	#5	STR	6′-5″	13
V50	2	#5	STR	6′-6″	14
V51	2	#5	STR	6′-6″	14
V52	2	#5	STR	5′-10″	12
V53	2	#5	STR	5′-2″	11
V54	2	#5	STR	4′-6″	9
V55	2	#5	STR	6′-7″	14
V56	2	#5	STR	6′-7″	14
V57	2	#5	STR	6′-8″	14
V58	2	#5	STR	6′-0″	13
V59	2	#5	STR	5′-4″	11
V60	2	#5	STR	4′-8″	10
V61	2	#5	STR	4′-0″	8
V62	2	#5	STR	3′-4″	7
V63	2	#5	STR	2′-8″	6
V64	2	#5	STR	2′-0″	4

REINFORCING STEEL	LBS.	5487
CLASS "A" CONCRETE BREAKDOWN		
POUR #1 PILE CAP	CY.	23.9
POUR #1 WINGWALL 3	CY.	1.1
POUR #1 WINGWALL 4	CY.	1.3
CLASS "A" CONCRETE	CY.	26.3
HP14x73 STEEL PILES	NO.	7
	LIN. FT.	760

PROJECT NO. U-2579B

FORSYTH COUNTY

STATION: 33+15.67 -Y4CD-

SHEET 4 OF 4

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

NORTH CAROLINA PROFESSIONAL SEAL 16572 ENGINEER STEVEN K. DOERER

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

DWG. NO. 39 OF 43

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2
BILL OF MATERIALS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-305
1			3			TOTAL SHEETS
2			4			707

DRAWN BY : HLS DATE : 7/15/14
CHECKED BY : JBT DATE : 7/18/14

$$$$$$STIMLE$$$$$$
$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$