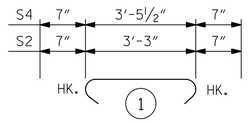
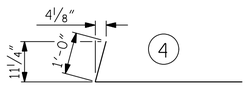
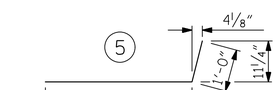
BAR TYPES

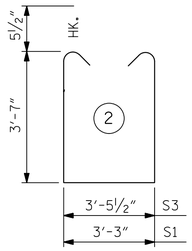


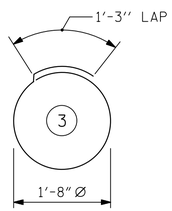


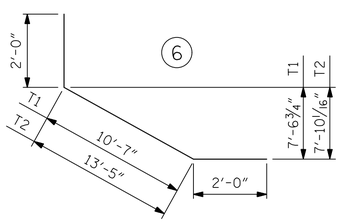
H9	9′-3″
H10	9′-9″
H11	10′-2″
H12	10′-7″
H13	11′-1″
H14	11′-6″
H15	12′-0″
H16	12′-5″
H17	12′-11″
H109	8′-10″
H110	9′-3″
H111	9′-9″
H112	10′-2″
H113	10′-8″
H114	11′-1″
H115	11′-7″
H116	12′-0″
H117	12′-4″

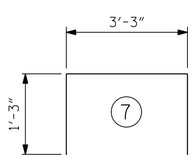


H27	10′-11″
H28	11′-7″
H29	12′-3″
H30	12′-11″
H31	13′-7″
H32	14′-3″
H33	15′-0″
H34	15′-8″
H35	15′-10″
H127	11′-4″
H128	12′-0″
H129	12′-8″
H130	13′-4″
H131	14′-1″
H132	14′-9″
H133	15′-5″
H134	16′-1″
H135	16′-5″









ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
B1	9	#9	STR	41′-5″	1267
B2	10	#4	STR	13′-9″	92
B3	24	#4	STR	21′-6″	345
B4	11	#4	STR	3′-3″	24
H1	1	#6	STR	7′-0″	11
H2	1	#6	STR	7′-5″	11
H3	1	#6	STR	7′-11″	12
H4	1	#6	STR	8′-5″	13
H5	1	#6	STR	8′-11″	13
H6	1	#6	STR	9′-5″	14
H7	1	#6	STR	9′-11″	15
H8	1	#6	STR	10′-5″	16
H9	1	#6	4	10′-3″	15
H10	1	#6	4	10′-9″	16
H11	1	#6	4	11′-2″	17
H12	1	#6	4	11′-7″	17
H13	1	#6	4	12′-1″	18
H14	1	#6	4	12′-6″	19
H15	1	#6	4	13′-0″	20
H16	1	#6	4	13′-5″	20
H17	6	#6	4	13′-11″	125
H18	1	#6	STR	6′-8″	10
H19	1	#6	STR	7′-4″	11
H20	1	#6	STR	7′-11″	12
H21	1	#6	STR	8′-7″	13
H22	1	#6	STR	9′-3″	14
H23	1	#6	STR	9′-11″	15
H24	1	#6	STR	10′-7″	16
H25	1	#6	STR	11′-3″	17
H26	1	#6	STR	11′-10″	18
H27	1	#6	5	11′-11″	18
H28	1	#6	5	12′-7″	19
H29	1	#6	5	13′-3″	20
H30	1	#6	5	13′-11″	21
H31	1	#6	5	14′-7″	22
H32	1	#6	5	15′-3″	23
H33	1	#6	5	16′-0″	24
H34	1	#6	5	16′-8″	25
H35	6	#6	5	16′-10″	152
H101	1	#6	STR	6′-6″	10
H102	1	#6	STR	7′-0″	11
H103	1	#6	STR	7′-6″	11
H104	1	#6	STR	8′-0″	12
H105	1	#6	STR	8′-6″	13
H106	1	#6	STR	9′-0″	14
H107	1	#6	STR	9′-6″	14
H108	1	#6	STR	10′-0″	15
H109	1	#6	4	9′-11″	15
H110	1	#6	4	10′-3″	15
H111	1	#6	4	10′-9″	16
H112	1	#6	4	11′-2″	17
H113	1	#6	4	11′-8″	18
H114	1	#6	4	12′-1″	18
H115	1	#6	4	12′-7″	19
H116	1	#6	4	13′-0″	20

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
H117	6	#6	4	13′-4″	120
H118	1	#6	STR	7′-1″	11
H119	1	#6	STR	7′-9″	12
H120	1	#6	STR	8′-5″	13
H121	1	#6	STR	9′-0″	14
H122	1	#6	STR	9′-8″	15
H123	1	#6	STR	10′-4″	16
H124	1	#6	STR	11′-0″	17
H125	1	#6	STR	11′-8″	18
H126	1	#6	STR	12′-3″	19
H127	1	#6	5	12′-4″	19
H128	1	#6	5	13′-0″	20
H129	1	#6	5	13′-8″	21
H130	1	#6	5	14′-4″	22
H131	1	#6	5	15′-1″	23
H132	1	#6	5	15′-9″	24
H133	1	#6	5	16′-5″	25
H134	1	#6	5	17′-1″	26
H135	6	#6	5	17′-5″	157
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
T1	2	#5	6	14′-7″	30
T2	2	#5	6	17′-5″	36
U1	20	#4	7	4′-11″	66
V1	20	#5	STR	5′-6″	115
V2	10	#5	STR	6′-3″	65
V3	2	#5	STR	6′-3″	13
V4	2	#5	STR	6′-3″	13
V5	2	#5	STR	6′-2″	13
V6	2	#5	STR	5′-2″	11
V7	2	#5	STR	4′-2″	9
V8	2	#5	STR	6′-2″	13
V9	2	#5	STR	6′-1″	13
V10	2	#5	STR	5′-1″	11
V11	2	#5	STR	4′-1″	9
V12	2	#5	STR	3′-1″	6
V13	2	#5	STR	2′-1″	4
V14	23	#5	STR	5′-9″	138
V15	9	#5	STR	6′-4″	59
V16	2	#5	STR	6′-4″	13
V17	2	#5	STR	6′-4″	13
V18	2	#5	STR	6′-4″	13
V19	2	#5	STR	5′-7″	12
V20	2	#5	STR	4′-11″	10
V21	2	#5	STR	4′-2″	9
V22	2	#5	STR	3′-6″	7

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT (LBS)
V23	2	#5	STR	6′-2″	13
V24	2	#5	STR	6′-2″	13
V25	2	#5	STR	5′-5″	11
V26	2	#5	STR	4′-9″	10
V27	2	#5	STR	4′-1″	9
V28	2	#5	STR	3′-4″	7
V29	2	#5	STR	2′-8″	6
V30	2	#5	STR	1′-11″	4

REINFORCING STEEL	LBS.	5299
CLASS "A" CONCRETE BREAKDOWN		
POUR #1 PILE CAP	CY.	24.1
POUR #1 WINGWALL 1	CY.	1.0
POUR #1 WINGWALL 2	CY.	1.3
CLASS "A" CONCRETE	CY.	26.4
HP14x73 STEEL PILES	NO.	7
	LIN. FT.	515

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 33+15.67 -Y4CD-

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. 29 OF 43

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 1
BILL OF MATERIALS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-295
1			3			TOTAL SHEETS
2			4			707

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

$$$$$$STYLE$$$$$$
$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$