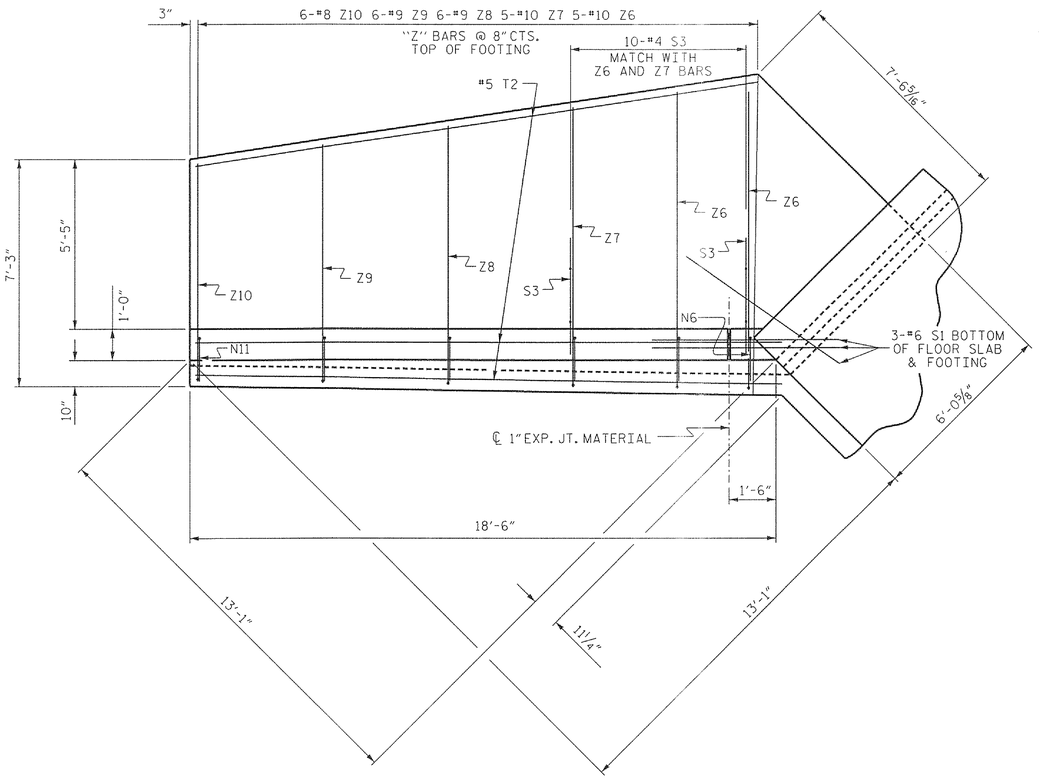
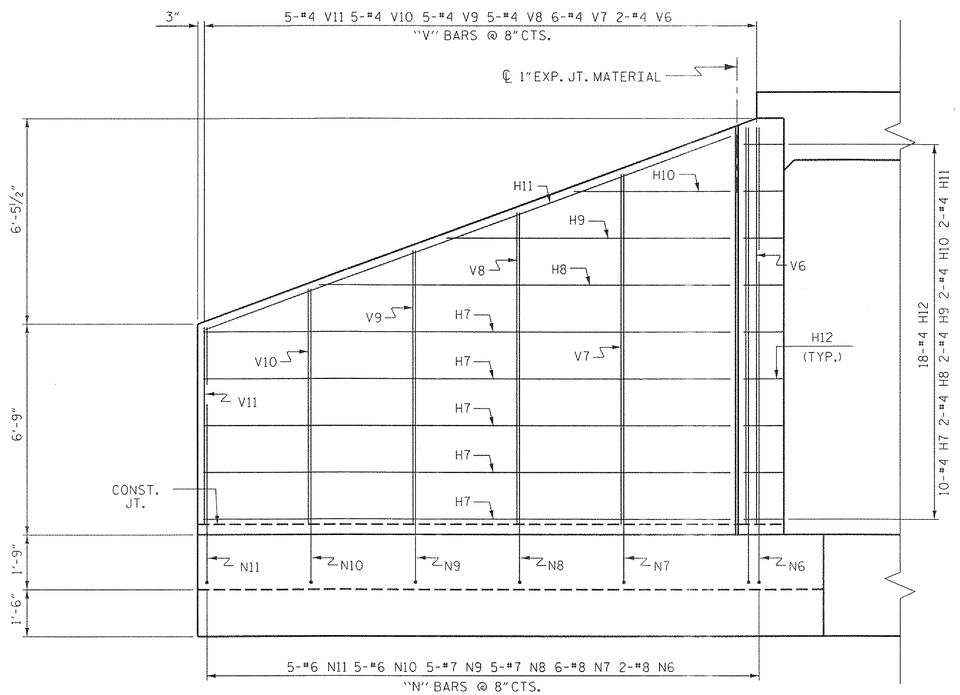


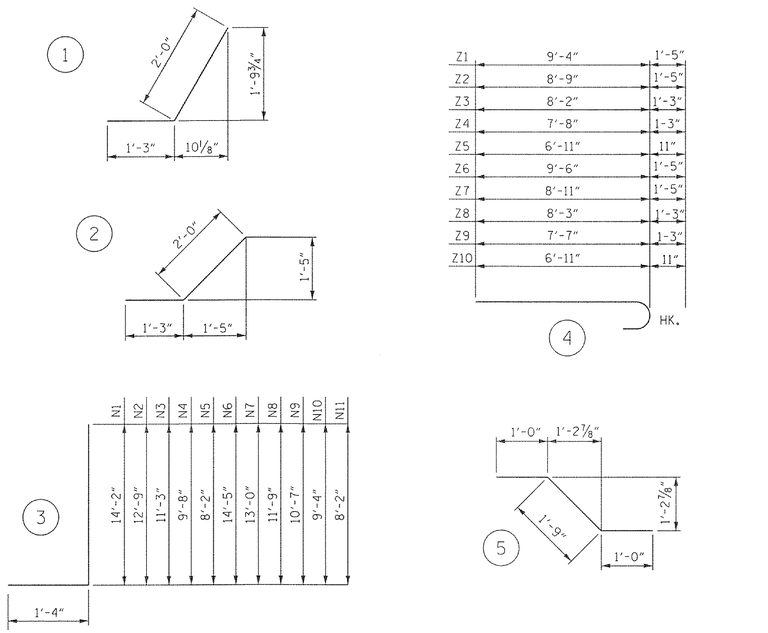
PLAN WING W2



ELEVATION WING W2

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.

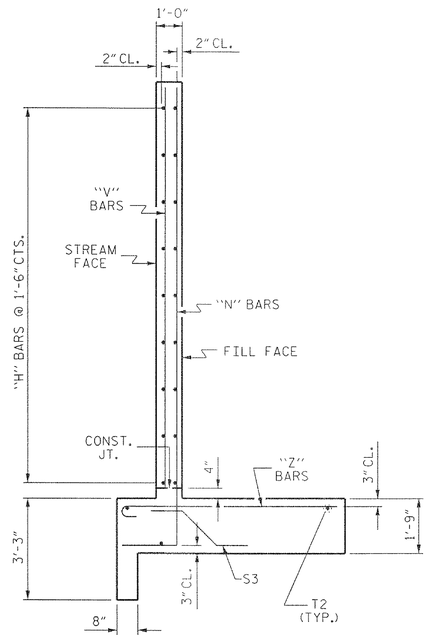


BILL OF MATERIAL

4 WINGS & 4 FOOTINGS

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	20	4	STR	12'-11"	173
H2	4	4	STR	10'-0"	27
H3	4	4	STR	6'-8"	18
H4	4	4	STR	3'-5"	9
H5	4	4	STR	14'-2"	38
H6	36	4	1	3'-3"	78
H7	20	4	STR	16'-11"	226
H8	4	4	STR	13'-2"	35
H9	4	4	STR	9'-1"	24
H10	4	4	STR	4'-11"	13
H11	4	4	STR	18'-0"	48
H12	36	4	2	3'-3"	78
N1	4	8	3	15'-6"	166
N2	10	8	3	14'-1"	376
N3	10	7	3	12'-7"	257
N4	10	7	3	11'-0"	225
N5	10	6	3	9'-6"	143
N6	4	8	3	15'-9"	168
N7	12	8	3	14'-4"	459
N8	10	7	3	13'-1"	267
N9	10	7	3	11'-11"	244
N10	10	6	3	10'-8"	160
N11	10	6	3	9'-6"	143
S1	12	6	STR	6'-0"	108
S3	19	4	5	3'-9"	48
T1	6	5	STR	14'-9"	92
T2	6	5	STR	18'-9"	117
V1	4	4	STR	12'-4"	33
V2	10	4	STR	10'-11"	73
V3	10	4	STR	9'-5"	63
V4	10	4	STR	7'-10"	52
V5	10	4	STR	6'-4"	42
V6	4	4	STR	12'-7"	34
V7	12	4	STR	11'-2"	90
V8	10	4	STR	9'-11"	66
V9	10	4	STR	8'-9"	58
V10	10	4	STR	7'-6"	50
V11	10	4	STR	6'-4"	42
Z1	10	10	4	10'-9"	463
Z2	8	10	4	10'-2"	350
Z3	8	9	4	9'-5"	256
Z4	8	9	4	8'-11"	243
Z5	10	8	4	7'-10"	209
Z6	10	10	4	10'-11"	470
Z7	10	10	4	10'-4"	445
Z8	12	9	4	9'-6"	388
Z9	12	9	4	8'-10"	360
Z10	12	8	4	7'-10"	251

REINFORCING STEEL FOR 4 WINGS	7778 LBS
3000 PSI CONCRETE	
4 WINGS	25 CY
4 FOOTINGS	40.2 CY
TOTAL	65.2 CY



WING W2 SECTION

Cary Project Number (10-SB-004-B)
Cary HTE Number (12-1085)

Approved by the Town of Cary
Development Review Committee

Planner KAHolm Date 8/24/2012

PLANS PREPARED BY:
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www.simpsonengr.com
Licensure No. C2521

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18056 JOHN A. BATTS 8/3/2012

REVISIONS

DATE	COMMENTS

CONSTRUCTION DOCUMENT

HIGHCROFT VILLAGE PHASE 5
10' X 12' CULVERT AT STA. 98+26
CARY WAKE COUNTY NORTH CAROLINA

REVIEWED BY:	MAA
DESIGNED BY:	JAB
DRAWN BY:	DGV
DATE:	5-8-12
PROJECT NUMBER:	

WING W2 DETAILS

S 4.0

MAY 2012

8/2/2012 4:21:46 PM G:\Projects\Withers & Ravenel\Designs\Highcroft Village\Culvert\Drawings\Culvert_s04.dgn