

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4	STR	12'-5"	98
H2	4	#4	STR	9'-7"	25
H3	4	#4	1	3'-10"	10
H4	24	#4	STR	3'-2"	50
H5	4	#4	STR	12'-9"	34
H6	12	#4	STR	21'-2"	168
H7	4	#4	STR	16'-7"	44
H8	4	#4	2	7'-3"	19
H9	24	#4	STR	3'-2"	50
H10	4	#4	STR	21'-5"	57

N1	4	#4	3	9'-6"	25
N2	6	#4	3	9'-2"	36
N3	6	#4	3	8'-5"	33
N4	6	#4	3	7'-8"	30
N5	6	#4	3	7'-0"	28
N6	4	#4	3	6'-3"	17
N7	4	#4	3	9'-6"	25
N8	6	#4	3	9'-4"	37
N9	6	#4	3	8'-11"	35
N10	6	#4	3	9'-5"	37
N11	6	#4	3	7'-11"	31
N12	6	#4	3	7'-5"	29
N13	6	#4	3	7'-0"	28
N14	8	#4	3	6'-6"	34

S1	24	#6	STR	6'-0"	216
T1	20	#4	STR	14'-3"	188
T2	20	#4	STR	23'-0"	304

V1	4	#4	STR	7'-5"	20
V2	6	#4	STR	7'-1"	28
V3	6	#4	STR	6'-5"	25
V4	6	#4	STR	5'-8"	22
V5	6	#4	STR	4'-11"	19
V6	4	#4	STR	4'-2"	11
V7	4	#4	STR	7'-6"	20
V8	6	#4	STR	7'-4"	29
V9	6	#4	STR	6'-10"	27
V10	6	#4	STR	6'-4"	25
V11	6	#4	STR	5'-11"	23
V12	6	#4	STR	5'-5"	21
V13	6	#4	STR	4'-11"	19
V14	8	#4	STR	4'-5"	23

Z1	8	#4	STR	4'-11"	26
Z2	12	#4	STR	4'-9"	38
Z3	12	#4	STR	4'-3"	34
Z4	12	#4	STR	3'-9"	30
Z5	12	#4	STR	3'-3"	26
Z6	8	#4	STR	2'-10"	15
Z7	8	#4	STR	5'-0"	26
Z8	12	#4	STR	4'-11"	39
Z9	12	#4	STR	4'-7"	36
Z10	12	#4	STR	4'-3"	34
Z11	12	#4	STR	3'-11"	31
Z12	12	#4	STR	3'-7"	28
Z13	12	#4	STR	3'-3"	26
Z14	16	#4	STR	2'-11"	31

EPOXY COATED REINFORCING 2420 LBS
STEEL FOR 4 WINGS

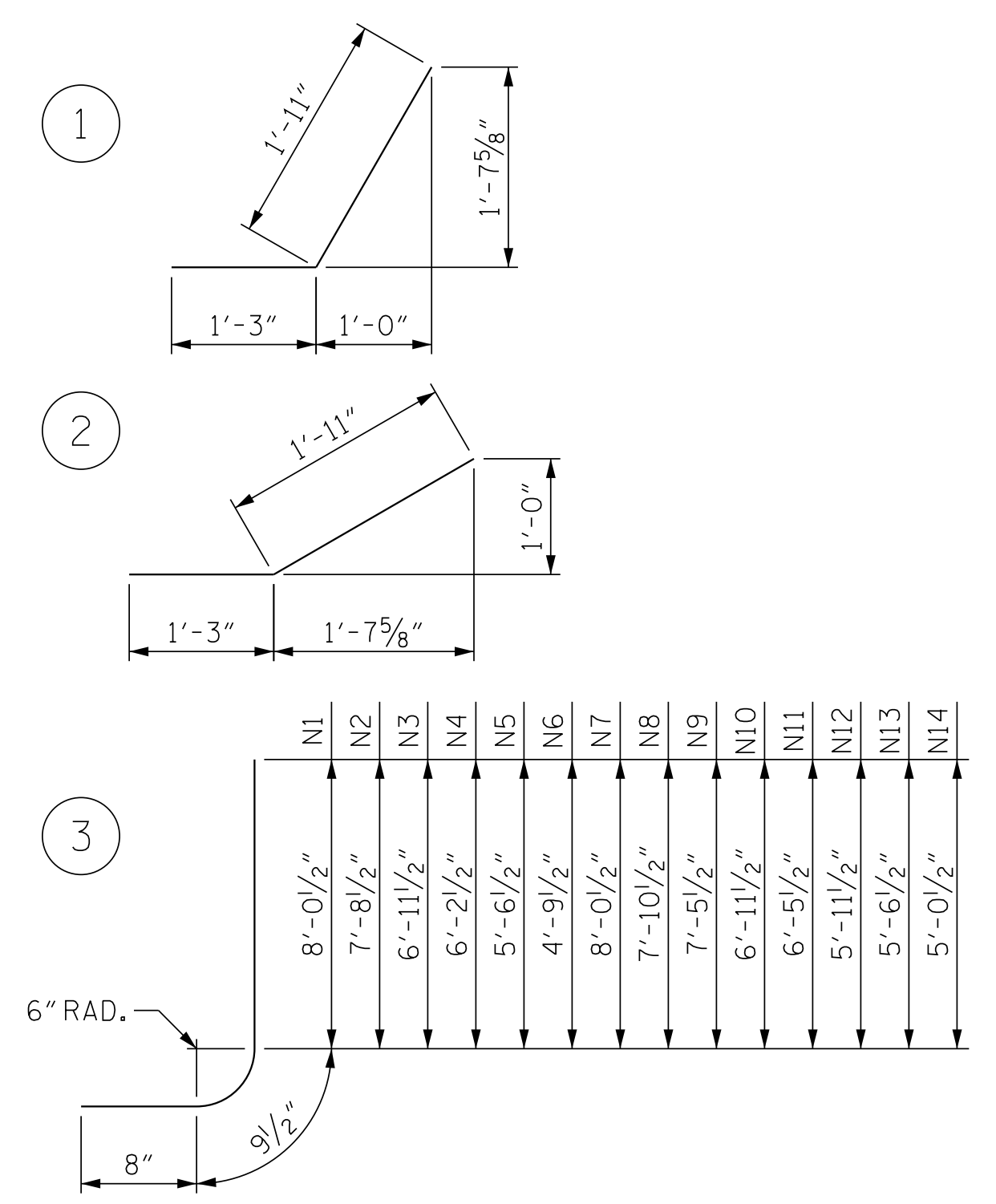
CLASS A CONCRETE

4 WINGS	29.0	CY
2 HEADWALLS	1.0	CY
2 END CURTAIN WALLS	1.2	CY
TOTAL	31.2	CY

DRAWN BY : NKB DATE : 03/16
 CHECKED BY : JCM DATE : 03/16
 DESIGN E.O.R. : JCM DATE : 05/16

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.



DATE: 4/7/2017 TIME: 2:46:28 PM
 USER: jcm1503c D:\N:\R\6032444_5\ncum Road\MO_Technical\MOB_Structure\Culverts\412_030_C2-6_R5B6.WING.dgn

PROJECT NO. R-5516
 CRAVEN COUNTY
 STATION: 26+94.23 -Y09A-

SHEET 6 OF 6

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4/12/2017

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 JOHN C. MORRISON
 030474

DocuSign Envelope ID: A3FDE142C82F4A8

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

WINGS FOR CONCRETE BOX CULVERT

H = 7'-0" SLOPE = 3:1
 116° SKEW

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

C2-6

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