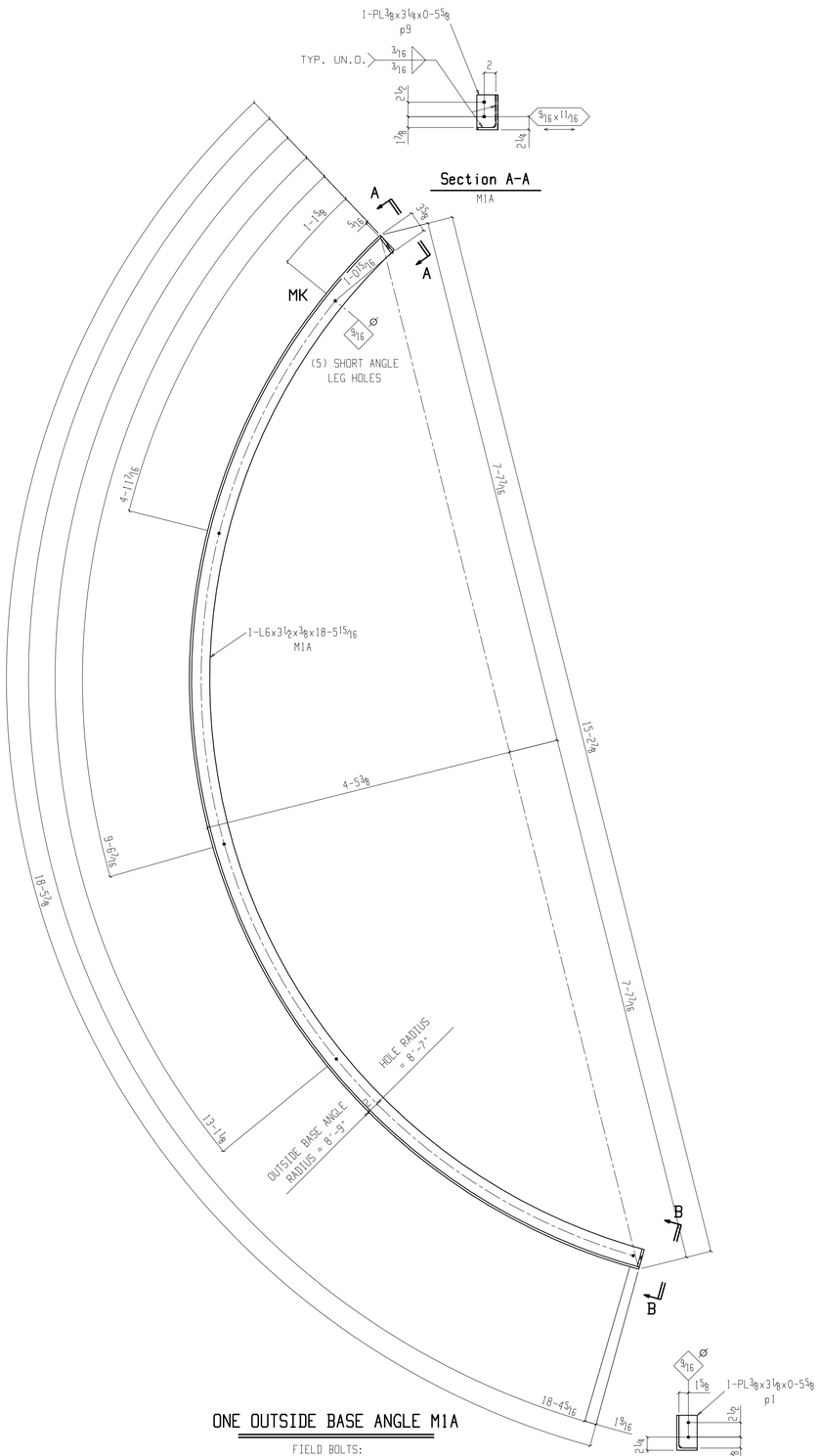
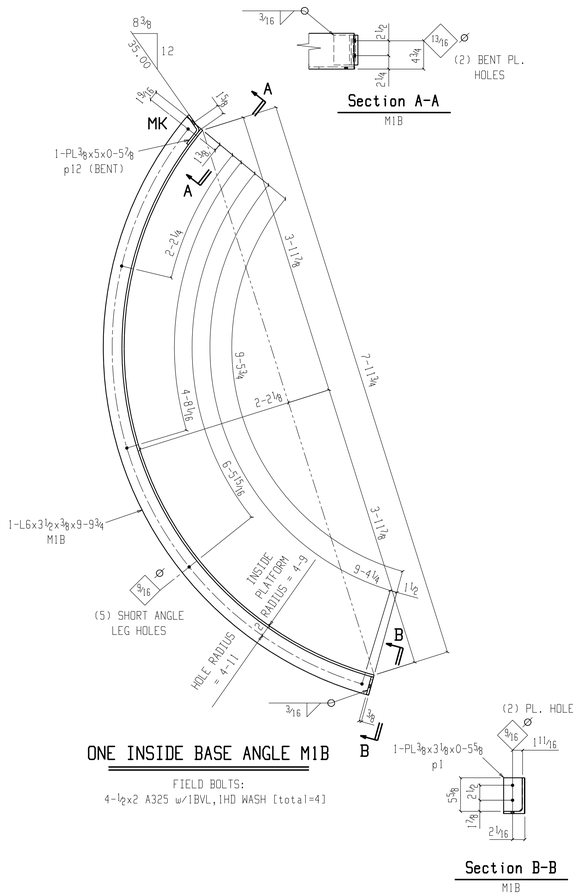


ONE OUTSIDE BASE ANGLE M1A

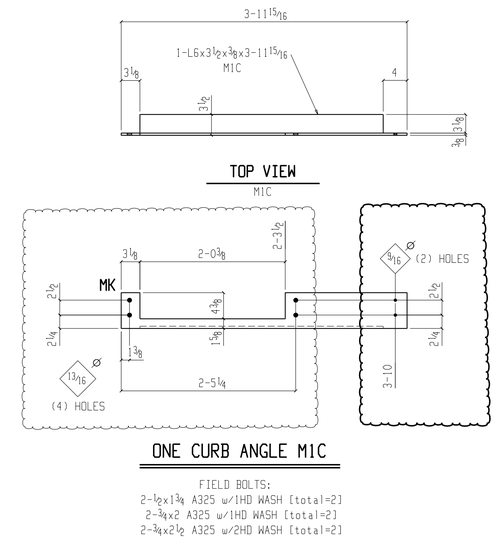
FIELD BOLTS:
5-½x2 A325 w/1BVL,1HD WASH [total=5]

Section B-B
M1A



ONE INSIDE BASE ANGLE M1B

FIELD BOLTS:
4-½x2 A325 w/1BVL,1HD WASH [total=4]



ONE CURB ANGLE M1C

FIELD BOLTS:
2-½x1¾ A325 w/1HD WASH [total=2]
2-¾x2 A325 w/1HD WASH [total=2]
2-¾x2½ A325 w/2HD WASH [total=2]

ONE M1A	OUTSIDE BASE ANGLE				220
1 M1A	L6x3½x⅜	18	5 15/16	A36	216
1 p9	PL⅜x3¼	0	5⅝	A36	2
1 p1	PL⅜x3⅛	0	5⅝	A36	2
	FIELD BOLTS				
5	½ Dia A325	0	2	1BVL,1HD WASH	

ONE M1B	INSIDE BASE ANGLE				120
1 M1B	L6x3½x⅜	9	9¾	A36	115
1 p12	PL⅜x5	0	5⅞	BENT A36	3
1 p1	PL⅜x3⅛	0	5⅝	A36	2
	FIELD BOLTS				
4	½ Dia A325	0	2	1BVL,1HD WASH	

ONE M1C	CURB ANGLE				47
1 M1C	L6x3½x⅜	3	11 15/16	A36	47
	FIELD BOLTS				
2	¾ Dia A325	0	2½	2HD WASH	
2	¾ Dia A325	0	2	1HD WASH	
2	½ Dia A325	0	1¾	1HD WASH	

GENERAL SHOP FABRICATION NOTES:

1. ALL WIDE FLANGE MEMBERS ("W" SHAPES) SHALL BE ASTM A572 GRADE 50 (W/ SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED 3/97) OR ASTM A992 GRADE 50. Fy = 50 ksi.
2. ALL STEEL PIPE TO BE ASTM A53 U.N.O.
3. ALL STEEL PLATES, ANGLES, CHANNELS, BARS, ETC. TO BE ASTM A36, (Fy=36 KSI)
4. ALL STRUCTURAL TUBE STEEL TO BE ASTM A500, GRADE B, (Fy=46 KSI), U.N.O.
5. ALL HOLES TO BE 13/16" DIA., U.N.O.
6. ALL WELDED CONNECTIONS TO BE ELECTRIC ARC WELDED W/ AWS SERIES E70 ELECTRODES.
7. ALL BOLTED CONNECTIONS TO BE W/ ASTM A-325 H.S. BOLTS W/ HARD NUTS & WASHERS.
8. ALL WELDS (SEAL WELDED) TO BE 1/16" LESS THAN MATERIAL THICKNESS U.N.O.
9. ALL ADDITIVES (DOUBLE ARROWS) ARE REF. TO CUT END OF MEMBER OR TOP OF COL. BASE PL. U.N.O.
10. PRIME, & PAINT PER FABRICATORS STANDARD RUST INHIBITING RED PRIMER, LEAD FREE, UNLESS NOTED OTHERWISE.
11. ERECTION PLAN PER SHEET E1.

DRAWING REVIEW / APPROVAL

NEW CENTURY ENGINEERING HAS MADE EVERY EFFORT TO CORRECTLY AND COMPLETELY INCORPORATE THE INTENT OF THE CONTRACT DOCUMENTS. APPROVAL BY THE CLIENTS REPRESENTATIVE SHALL CONSTITUTE ACCEPTANCE. ANY POST-APPROVAL CHANGES WILL BE CONSIDERED TO BE CONTRACT CHANGES.

NEW CENTURY ENGINEERING AND DESIGN
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serskine@newcenturyeng.com

FOR: company name / project name / city, state

TITLE: STRUCTURAL STEEL DETAILS / project name / xxxxx

START DATE:

NCED JOB NO. _

REVISIONS: NO. | DATE

DWG. NO. X

DRAWN BY: _ CHKD BY: _ DATE: _