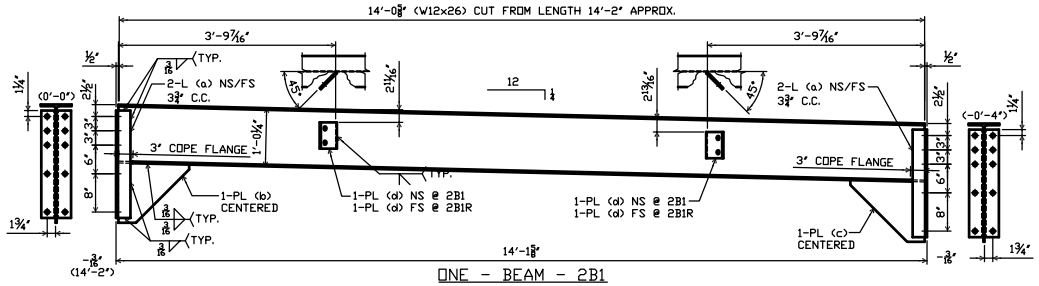
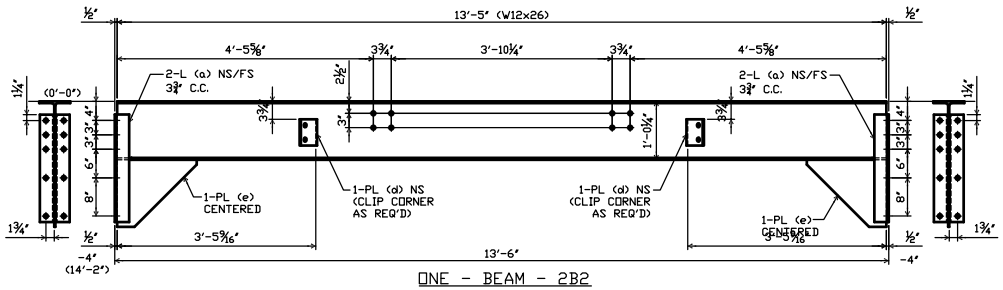


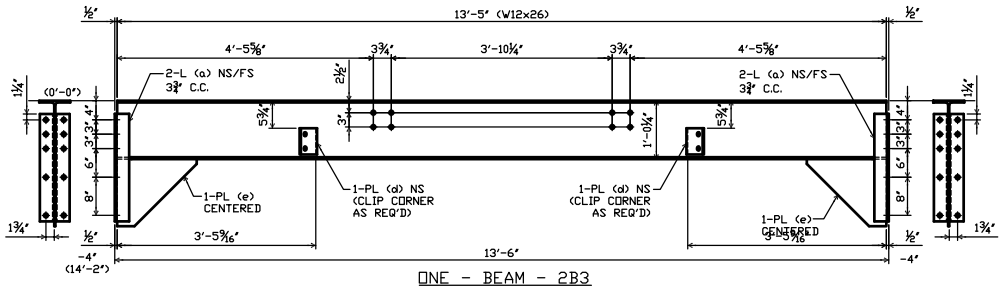
ONE - BEAM - 2B1
ONE - BEAM - 2B1R

(40) 3/4"ø x 2" A325 BOLT W/ NUT & WA.



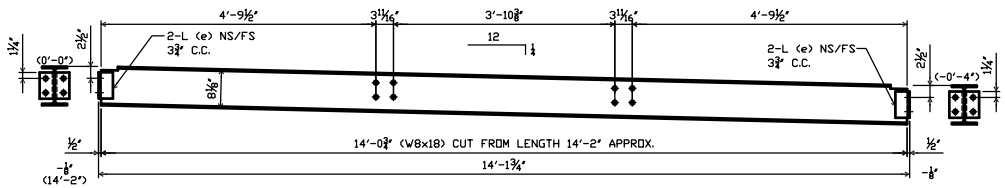
ONE - BEAM - 2B2

(20) 3/4"ø x 2" A325 BOLT W/ NUT & WA.



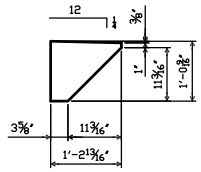
ONE - BEAM - 2B3

(20) 3/4"ø x 2" A325 BOLT W/ NUT & WA.

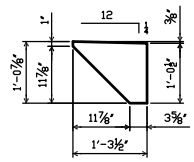


2 - BEAMS - 2B4

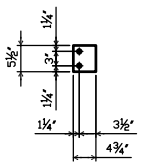
(16) 3/4"ø x 2" A325 BOLT W/ NUT & WA.



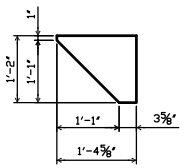
PL (b) DETAIL



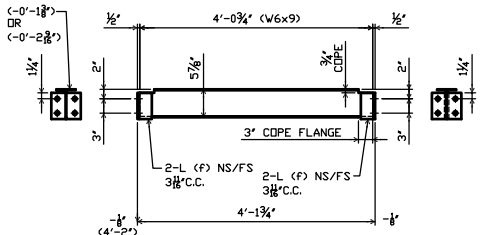
PL (c) DETAIL



PL (d) DETAIL

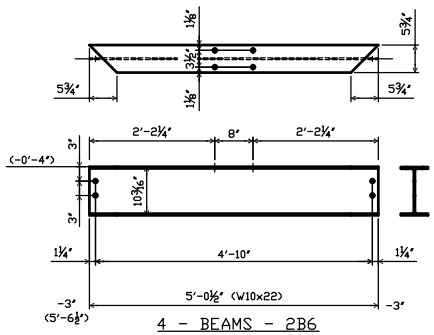


PL (e) DETAIL



2 - BEAMS - 2B5

(16) 3/4"ø x 2" A325 BOLT W/ NUT & WA.



4 - BEAMS - 2B6

(32) 3/4"ø x 2" A325 BOLT W/ NUT & WA.

BILL OF MATERIAL

NO. REQ.	MK. NO.	ASS'Y. PC.	DESCRIPTION	LENGTH FT.	LENGTH IN.	WGT. OR REMARKS
ONE	2B1		BEAM (SLOPED)	14	1 5/8	
ONE	2B1R		BEAM (SLOPED)	14	1 5/8	
	–	2	W 12 X 26	14	2	
	a	8	L 3 x 3 x 3/8	1	10 1/2	
	b	2	PL 1/4 x 12 9/16	1	2 13/16	
	c	2	PL 1/4 x 12 7/8	1	3 1/2	
	d	4	PL 3/8 x 4 3/4	0	5 1/2	
ONE	2B2		BEAM	13	6	
	–	ONE	W 12 X 26	13	5	
	a	4	L 3 x 3 x 3/8	1	10 1/2	
	d	2	PL 3/8 x 4 3/4	0	5 1/2	
	e	2	PL 1/4 x 14	1	4 5/8	
ONE	2B3		BEAM	13	6	
	–	ONE	W 12 X 26	13	5	
	a	4	L 3 x 3 x 3/8	1	10 1/2	
	d	2	PL 3/8 x 4 3/4	0	5 1/2	
	e	2	PL 1/4 x 14	1	4 5/8	
2	2B4		BEAM (SLOPED)	14	1 3/4	
	–	2	W 8 X 18	14	2	
	e	8	L 3 x 3 x 3/8	0	5 1/2	
2	2B5		BEAM	4	1 3/4	
	–	2	W 6 x 9	4	0 3/4	
	e	8	L 3 x 3 x 3/8	0	5 1/2	
4	2B6		BEAM	5	0 1/2	
	–	2	W 6 x 9	5	0 1/2	
			FIELD BOLTS			
144			3/4"ø A325 BOLT W/ NUT & WA.	0	2	

SHOP NOTES:

ALL WIDE FLANGE & WT SHAPES TO BE A-992 STEEL (50 KSI)
ALL OTHER SHAPES & PLATES TO BE A-36 STEEL (36 KSI)
ALL PIPE A-53, GRADE B
ALL ELECTRODES E70XX (L.H.)
USE 3/16" FILLET WELD ALL AROUND U.N.O.
–
–
–

NO.	DATE	ISSUES OR REVISIONS	BY
3			
2			
1	05/30/05	FOR APPROVAL	TLM

JOB NAME AKRON BEACON JOURNAL TOWER
LOCATION
CONTRACTOR
DESCRIPTION BEAMS – STRUCTURAL STEEL DETAILS

Affiliated Metal Industries Inc.
16110 Brookpark Road
Cleveland, Ohio 44135
216/267-0155 FAX 216/267-0609

DRAWN TLM DATE
CHECKED DATE
HOLES 13/16"ø U.N.O.
PAINT SEE NOTES
JOB NO.
DWG NO. 02