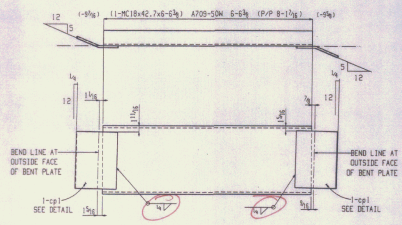
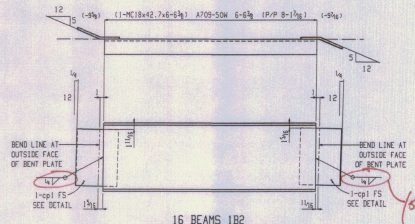


16 BEAMS 1B1

W 18x7/16
F 3 15/16x3/8
K 1 3/8x1

SHOP NOTE:
TOE DIRECTION FAR SIDE

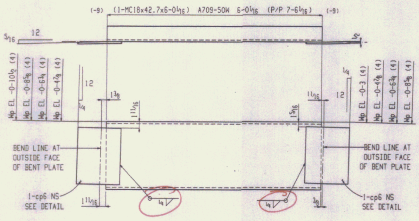


16 BEAMS 1B2

W 18x7/16
F 3 15/16x3/8
K 1 3/8x1

SHOP NOTE:
TOE DIRECTION NEAR SIDE

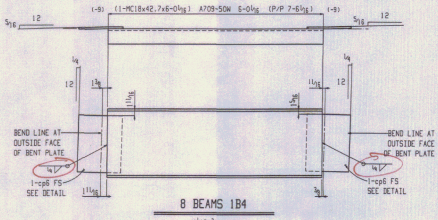
SEE DETAIL TYA



16 BEAMS 1B3

W 18x7/16
F 3 15/16x3/8
K 1 3/8x1

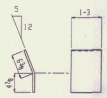
SHOP NOTE:
TOE DIRECTION FAR SIDE



8 BEAMS 1B4

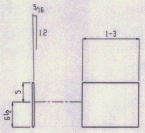
W 18x7/16
F 3 15/16x3/8
K 1 3/8x1

SHOP NOTE:
TOE DIRECTION NEAR SIDE



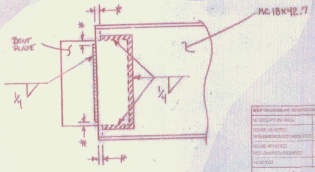
DETAIL OF cp1

GRADE: A709-50W



DETAIL OF cp6

GRADE: A709-50W



WELD TERMINATION DETAIL
(TYP. ALL CONNECTIONS)

BILL OF MATERIAL

BLOCK QTY.	BLOCK NO.	MARK	NO. PCS.	SHAPE	LENGTH FT. IN.	C.S. NO.	CUT FROM NO. FT. IN.	PROC. PG - LN	REMARKS	PAY ITEM
16	1	1B1	16	BEAM						
	2	1B1	16	MC18x42.7	6 6 3/8				A709-50W	
	3	cp1	32	BPL 1/4x11 1/8	1 3				BENT A709-50W	
	4									
	5									
	6									
	7									
	8									
16	1	1B2	16	BEAM						
	10	1B2	16	MC18x42.7	6 6 3/8				A709-50W	
	11	cp1	32	BPL 1/4x11 1/8	1 3				BENT A709-50W	
	12									
	13									
	14									
	15									
	16									
16	1	1B3	16	BEAM						
	18	1B3	16	MC18x42.7	6 0 1/16				A709-50W	
	19	cp6	32	BPL 3/8x11 1/8	1 3				BENT A709-50W	
	20									
	21									
	22									
	23									
	24									
8	1	1B4	8	BEAM						
	26	1B4	8	MC18x42.7	6 0 1/16				A709-50W	
	27	cp6	16	BPL 3/8x11 1/8	1 3				BENT A709-50W	
	28									
	29									
	30									
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	55									

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	OUT FOR APPROVAL	01-14	DJF	PD							
	OUT FOR APPROVAL										
	ISSUED TO SHOP										
	FIELD & OFFICE										

PROJECT NO. STATE PROJECT NO. IM 091-1(60)

MATERIAL : ASTM A709-GR50W | ELECTRODES : SEE PROC | HOLES : AS NOTED | SHOP BOLTS : ϕ

SURFACE PREPN & PAINT : NONE

DESCRIPTION : DIAPHRAM BEAMS & LOOSE ANGLES

JOB : STATE OF VERMONT
AGENCY OF TRANSPORTATION
BRIDGES NO. 14N&S, 16N&S ON INTERSTATE 91

CUSTOMER : COLD RIVER BRIDGES, LLC / VT A.O.T.

	DRAWN BY	DATE
	DJF	JAN 2011
	CHECKED BY	DATE
	PD	JAN 2011
	APPROVED BY	DATE
	Q. A.	DATE

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179

JOB NO.	DRG. NO.
484	1

Fab: PUTNEY_484
Job: PUTNEY_484

REV.