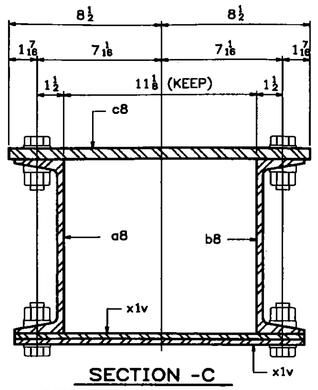
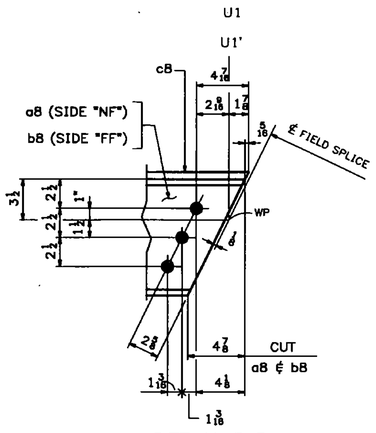
146 STRUCTURAL STEEL



SECTION -C
(TYPICAL PORTAL TOP CHORD SECTION)
(ENLARGED)
(ON 8AB)



DETAIL "E"
(ENLARGED) (ON 8AB)
(WEB FILL PLATES NOT SHOWN FOR CLARITY)

ABM INFO		SHIP	BILL OF MATERIAL					JOB NO. 454	DRAWING NO. 8B	REV.
PAGE	LINE	MARK	QTY	MARK	MATERIAL	LENGTH FT	LENGTH INCHES	REMARKS	WT	PROCUREMENT NOTES
		8D1W	1		PORTAL TOP CHORD			ALIKE EXCEPT	2318	
		8D9E	1		PORTAL TOP CHORD			FOR MARK	2318	
3	B		2	a8	C 10x20	24	5 9/16	(GALVANIZED) M270-50T2		
3	B		2	b8	C 10x20	24	5 9/16	(GALVANIZED) M270-50T2		
3	C		2	c8	PL 5/8x17	24	5 7/8	(GALVANIZED) M270-50T2		
2	P		64	x1v	PL 5/16x2 1/4	1	8 13/16	(GALVANIZED)		
2	P		8	x1w	PL 5/16x2 1/4	1	8 1/8	(GALVANIZED)		
3	M		4	x1y	PL 1/8x8 △1	2	0 5/8	(GALVANIZED)		
3	E		2	x2k	PL 5/16x13 1/2 △2	2	2 15/16	(GALVANIZED)		
3	F		2	x2m	PL 3/8x18	2	2 15/16	(GALVANIZED)		
3	J		2	x2w	L 4x4x3/8	2	8 3/4	(GALVANIZED)		
3	J		2	x2y	L 4x4x3/8 △2	2	8 3/4	(GALVANIZED)		
3	K		2	x2ac	PL 5/16x17	1	6	(GALVANIZED)		
3	L		4	x2ad	PL 1/2x4 △2	1	4 7/8	(GALVANIZED)		
10	D		28		3/4 ø HSB	0	2 1/4	(GALVANIZED) A325-1		
10	E		20		3/4 ø HSB	0	2 1/4	(GALVANIZED) A325-1		
10	F	△1	264		3/4 ø HSB	0	2 3/4	(GALVANIZED) A325-1		
10	G		20		3/4 ø HSB	0	3	(GALVANIZED) A325-1		
10	P		332		3/4 ø HSW			(GALVANIZED) F436		
10	Q		332		BEVEL WASH FOR 3/4ø HSB			(GALVANIZED) F436		

T2 - DENOTES MATERIAL SUBJECT TO CHARPY V-NOTCH TESTING

Vermont Agency of Transportation
RECEIVED
CK'D BY TCF OK'D BY SSS
7:43 am, Apr 12, 2011
RESUBMIT APPROVED X
BY KMH DATE 4-12-11

WORK THIS DWG. WITH DWG. 8AB.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
△2	03/23/11	REVISED AS PER APPROVAL COMMENTS	JM	PWR		
△1	03/02/11	REVISED AS PER APPROVAL COMMENTS	JM	PWR		
0						

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270-50 (U.N.)	SEE DWG GN1	15/16 ø(U.N.)	AS NOTED

DESCRIPTION: PORTAL TOP CHORD 8D1W & 8D9E

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179
TENSOR 3015

STRUCTURE:		DRAWN:	DATE:
	Vermont Route 100A Bridge No. 14 Bridgewater County of Windsor	RB	9/30/10
		CHKD: WJL	DATE: 10/19/10
LOCATION:	BRIDGEWATER, VERMONT	JOB NO.	DWG NO.
PROJ NO.	BRS 0149(4)	454	8B
CUSTOMER:	VT AOT		REV. △2