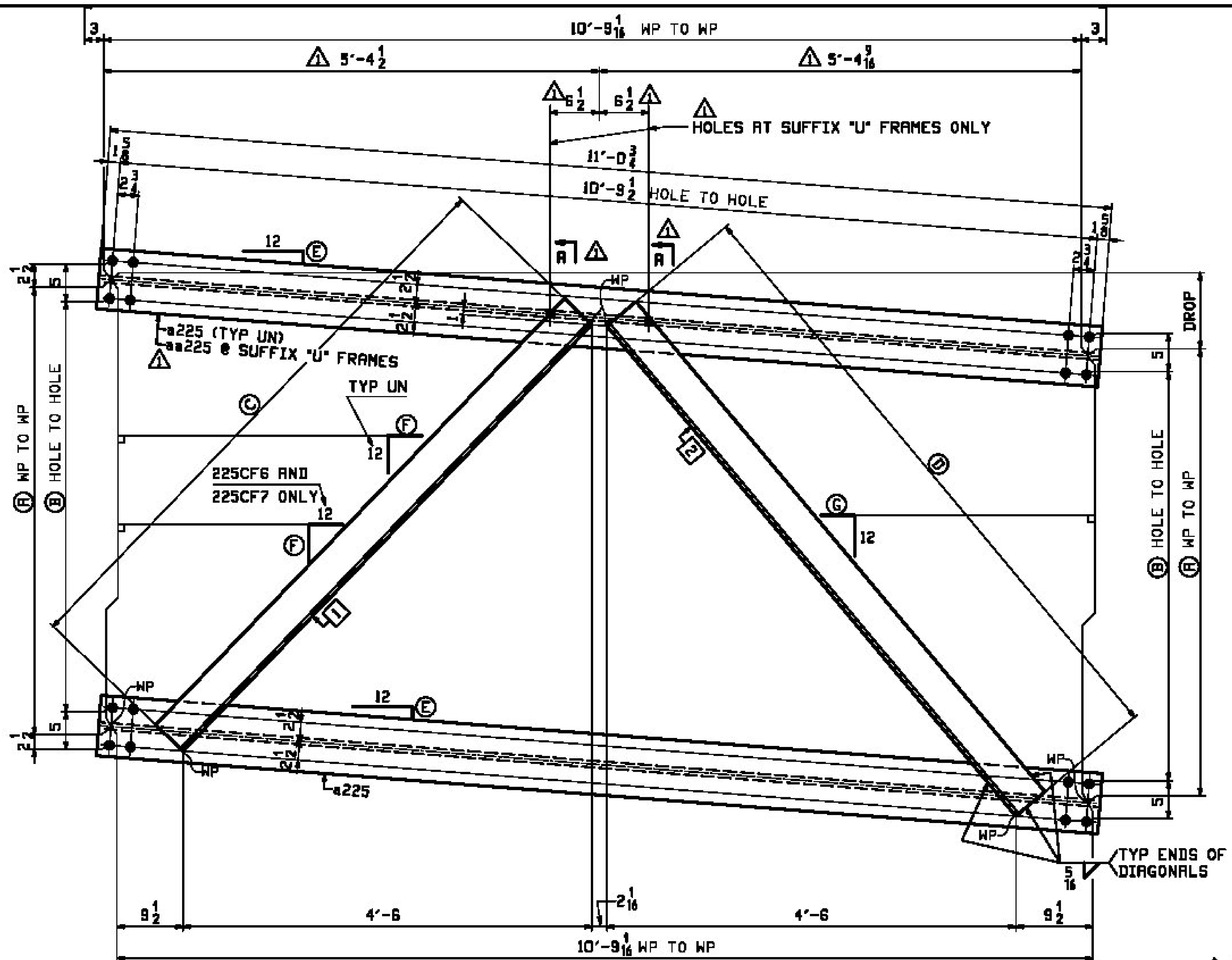
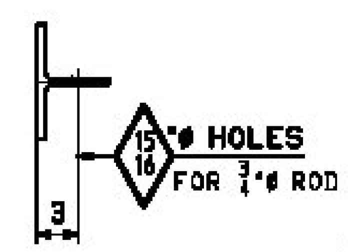




Δ SECTION A

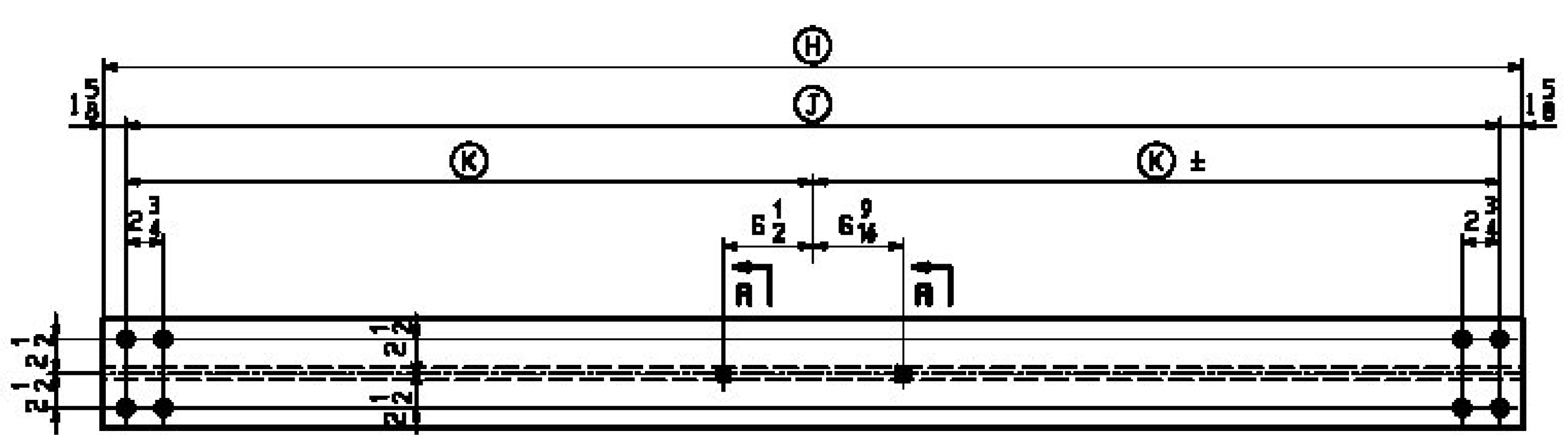
DIAGONALS NOT SHOWN
AT SUFFIX "U" FRAMES & MARK "B" ONLY

Δ IDENTICAL EXCEPT FOR HANGER HOLES IN TOP STRUT AT "U" FRAME (TYP ALL MARKS)

INT. CROSSFRAMES – MARK "A"

LOOKING UP STATION

MARK "A"	QTY	DROP	(A)	(B)	(C)	(D)	(E)	(F)	(G)	[1]	[2]	
225CF1	Δ 2	10 1/2	6'-5 1/8	6'-0 1/8	7'-7 13/16	8'-3 1/16	1	8 3/4	7 13/16	b225	c225	7'-8 1/8
Δ 225CF1U	1	10 1/2	6'-5 1/8	6'-0 1/8	7'-7 13/16	8'-3 1/16	1	8 3/4	7 13/16	b225	c225	7'-8 1/8
225CF2	Δ 2	10 5/16	6'-3 9/16	5'-10 9/16	7'-6 5/8	8'-1 11/16	15/16	8 15/16	7 15/16	d225	f225	7'-6 9/16
Δ 225CF2U	1	10 5/16	6'-3 9/16	5'-10 9/16	7'-6 5/8	8'-1 11/16	15/16	8 15/16	7 15/16	d225	f225	7'-6 9/16
225CF3	Δ 2	10 1/2	5'-10 1/8	5'-5 1/8	7'-2 1/4	7'-9 1/4	1	9 5/8	8 1/2	g225	k225	7'-1 1/8
Δ 225CF3U	1	10 1/2	5'-10 1/8	5'-5 1/8	7'-2 1/4	7'-9 1/4	1	9 5/8	8 1/2	g225	k225	7'-1 1/8
225CF4	Δ 2	10 1/4	5'-7 5/16	5'-2 5/16	7'-0 1/8	7'-6 7/8	15/16	10 1/16	8 7/8	m225	n225	6'-10 5/16
Δ 225CF4U	1	10 1/4	5'-7 5/16	5'-2 5/16	7'-0 1/8	7'-6 7/8	15/16	10 1/16	8 7/8	m225	n225	6'-10 5/16
225CF5	Δ 2	10 9/16	5'-3 1/16	4'-10 1/16	6'-8 13/16	7'-3 5/8	1	10 3/4	9 3/8	p225	t225	6'-6 1/16
Δ 225CF5U	1	10 9/16	5'-3 1/16	4'-10 1/16	6'-8 13/16	7'-3 5/8	1	10 3/4	9 3/8	p225	t225	6'-6 1/16
225CF6	Δ 2	10 9/16	4'-8	4'-3	6'-3 3/4	6'-10 3/16	1	11 13/16	10 7/16	v225	w225	5'-11
Δ 225CF6U	1	10 9/16	4'-8	4'-3	6'-3 3/4	6'-10 3/16	1	11 13/16	10 7/16	v225	w225	5'-11
225CF7	Δ 2	10 5/8	4'-1	3'-8	5'-11	6'-5 1/16	1	10 1/4	11 13/16	y225	aa225	5'-4
Δ 225CF7U	1	10 5/8	4'-1	3'-8	5'-11	6'-5 1/16	1	10 1/4	11 13/16	y225	aa225	5'-4



UTILITY SUPPORTS – MARK "B"

LOOKING UP STATION

MARK "B"	QTY	(H)	(J)	(K) Δ	
PAINTED → 225US1P	2 Δ	11'-0 3/4	10'-9 1/2	5'-4 3/4	SIMILAR aa225 (C/C 11'-3 1/16)
225US1	5	11'-0 3/4	10'-9 1/2	5'-4 3/4	SIMILAR aa225 (C/C 11'-3 1/16)
225US2	13	11'-0 11/16	10'-9 7/16	5'-4 3/4	SIMILAR aa224 (C/C 11'-3)
225US3	2	11'-0 3/8	10'-9 1/8	5'-4 9/16	SIMILAR bb224 (C/C 11'-2 11/16)

BILL OF MATERIAL

JOB NO. 479 | DRAWING NO. 225 | REV.

ADM INFO PAGE	ADM INFO LINE	SHIP MARK	QTY	MARK	MATERIAL	LENGTH FT	LENGTH INCHES	REMARKS	WT	PROCUREMENT NOTES
		225CF1U	1		INT. CROSSFRAME				755	
209	R		1	aa225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	R		1	a225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	S		1	b225	L 5x5x1/2	7	7 13/16	M270-50W	124	
209	S		1	c225	L 5x5x1/2	8	3 1/16	M270-50W	133	
		225CF2U	1		INT. CROSSFRAME				751	
209	R		1	aa225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	R		1	a225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	S		1	d225	L 5x5x1/2	7	6 5/8	M270-50W	122	
209	S		1	f225	L 5x5x1/2	8	1 11/16	M270-50W	132	
		225CF3U	1		INT. CROSSFRAME				740	
209	R		1	aa225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	R		1	a225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	T		1	g225	L 5x5x1/2	7	2 1/4	M270-50W	116	
209	T		1	k225	L 5x5x1/2	7	9 1/4	M270-50W	126	
		225CF4U	1		INT. CROSSFRAME				734	
209	R		1	aa225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	R		1	a225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	T		1	m225	L 5x5x1/2	7	0 1/8	M270-50W	113	
209	T		1	n225	L 5x5x1/2	7	6 7/8	M270-50W	122	
		225CF5U	1		INT. CROSSFRAME				725	
209	R		1	aa225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	R		1	a225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	T		1	p225	L 5x5x1/2	6	8 13/16	M270-50W	109	
209	T		1	t225	L 5x5x1/2	7	3 5/8	M270-50W	118	
		225CF6U	1		INT. CROSSFRAME				711	
209	R		1	aa225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	R		1	a225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	U		1	v225	L 5x5x1/2	6	3 3/4	M270-50W	102	
209	U		1	w225	L 5x5x1/2	6	10 3/16	M270-50W	111	
		225CF7U	1		INT. CROSSFRAME				697	
209	R		1	aa225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	R		1	a225	WT 5x22.5	11	0 3/4	M270-50W	249	
209	U		1	y225	L 5x5x1/2	5	11	M270-50W	96	
209	U		1	aa225	L 5x5x1/2	6	5 1/16	M270-50W	104	

BILL OF MATERIAL

JOB NO. 479 | DRAWING NO. 225 | REV. Δ

ADM INFO PAGE	ADM INFO LINE	SHIP MARK	QTY	MARK	MATERIAL	LENGTH FT	LENGTH INCHES	REMARKS	WT	PROCUREMENT NOTES
		225CF1	2		INT. CROSSFRAMES				1510	
209	R		4	a225	WT 5x22.5	11	0 3/4	M270-50W	996	
209	S		2	b225	L 5x5x1/2	7	7 13/16	M270-50W	247	
209	S		2	c225	L 5x5x1/2	8	3 1/16	M270-50W	267	
		225CF2	2		INT. CROSSFRAMES				1503	
209	R		4	a225	WT 5x22.5	11	0 3/4	M270-50W	996	
209	S		2	d225	L 5x5x1/2	7	6 5/8	M270-50W	244	
209	S		2	f225	L 5x5x1/2	8	1 11/16	M270-50W	263	
		225CF3	2		INT. CROSSFRAMES				1479	
209	R		4	a225	WT 5x22.5	11	0 3/4	M270-50W	996	
209	T		2	g225	L 5x5x1/2	7	2 1/4	M270-50W	232	
209	T		2	k225	L 5x5x1/2	7	9 1/4	M270-50W	251	
		225CF4	2		INT. CROSSFRAMES				1467	
209	R		4	a225	WT 5x22.5	11	0 3/4	M270-50W	996	
209	T		2	m225	L 5x5x1/2	7	0 1/8	M270-50W	227	
209	T		2	n225	L 5x5x1/2	7	6 7/8	M270-50W	245	
		225CF5	2		INT. CROSSFRAMES				1449	
209	R		4	a225	WT 5x22.5	11	0 3/4	M270-50W	996	
209	T		2	p225	L 5x5x1/2	6	8 13/16	M270-50W	218	
209	T		2	t225	L 5x5x1/2	7	3 5/8	M270-50W	236	
		225CF6	2		INT. CROSSFRAMES				1421	
209	R		4	a225	WT 5x22.5	11	0 3/4	M270-50W	996	
209	U		2	v225	L 5x5x1/2	6	3 3/4	M270-50W	204	
209	U		2	w225	L 5x5x1/2	6	10 3/16	M270-50W	221	
		225CF7	2		INT. CROSSFRAMES				1394	
209	R		4	a225	WT 5x22.5	11	0 3/4	M270-50W	996	
209	U		2	y225	L 5x5x1/2	5	11	M270-50W	191	
209	U		2	aa225	L 5x5x1/2	6	5 1/16	M270-50W	208	
					UTILITY SUPPORTS					
209	X	225US1P	2		WT 5x22.5	11	0 3/4	PAINTED M270-50W	498	
209	X	225US1	5		WT 5x22.5	11	0 3/4	M270-50W	1245	
209	X	225US2	13		WT 5x22.5	11	0 11/16	M270-50W	3234	
209	X	225US3	2		WT 5x22.5	11	0 3/8	M270-50W	498	

X No Exception Taken
Make Correction as Noted
Submit Specified Item
Revise and Resubmit as Noted
Rejected

T-Y-LININTERNATIONAL

Checking is for general compliance with the design concept of the project and general compliance with the information given in the contract documents only. Any action shown is not an approval and is subject to the requirements of the plans and specifications. Any action shown on a specific item shall not indicate the checking of an assembly of which the item is a component. Contractor is solely responsible for: dimensions which shall be confirmed and correlated at the job site, fabrication processes, techniques of construction, safety precautions; and coordination of its work with that of all other trades and the satisfactory performance of its work.

Reviewed By: [signature] Date: May 29, 2012

NOTE:
FOR GENE

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
Δ1	5/10 2012	ADD HANGER HOLES / REVISE MARKS (EXTRA-TEC-3054001)	JTB	TJB		
0		~				

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270-50W	SEE DWG GN1	15/16"φ	NONE

DESCRIPTION: INT. CROSSFRAMES & UTILTIY SUPPORTS

CASCO BAY STEEL STRUCTURES, INC.
1 WALLACE AVE.
SOUTH PORTLAND, ME 04106
PHONE (207) 780-6722
FAX. (207) 780-6726

TEMBOR

STRUCTURE:	I-91 BRIDGE 6S OVER WHITESTONE BROOK & WILLIAMS STREET COUNTY OF WINDHAM	DRAWN: JTB	DATE: 07/11
		CHKD: TJB	DATE: 07/23
LOCATION:	Town of Brattleboro, VT.	JOB NO.	DWG NO.
PROJ NO.	IM 091-1(50)	479	225
CUSTOMER:	BECK & BELLUCCI		REV. Δ1