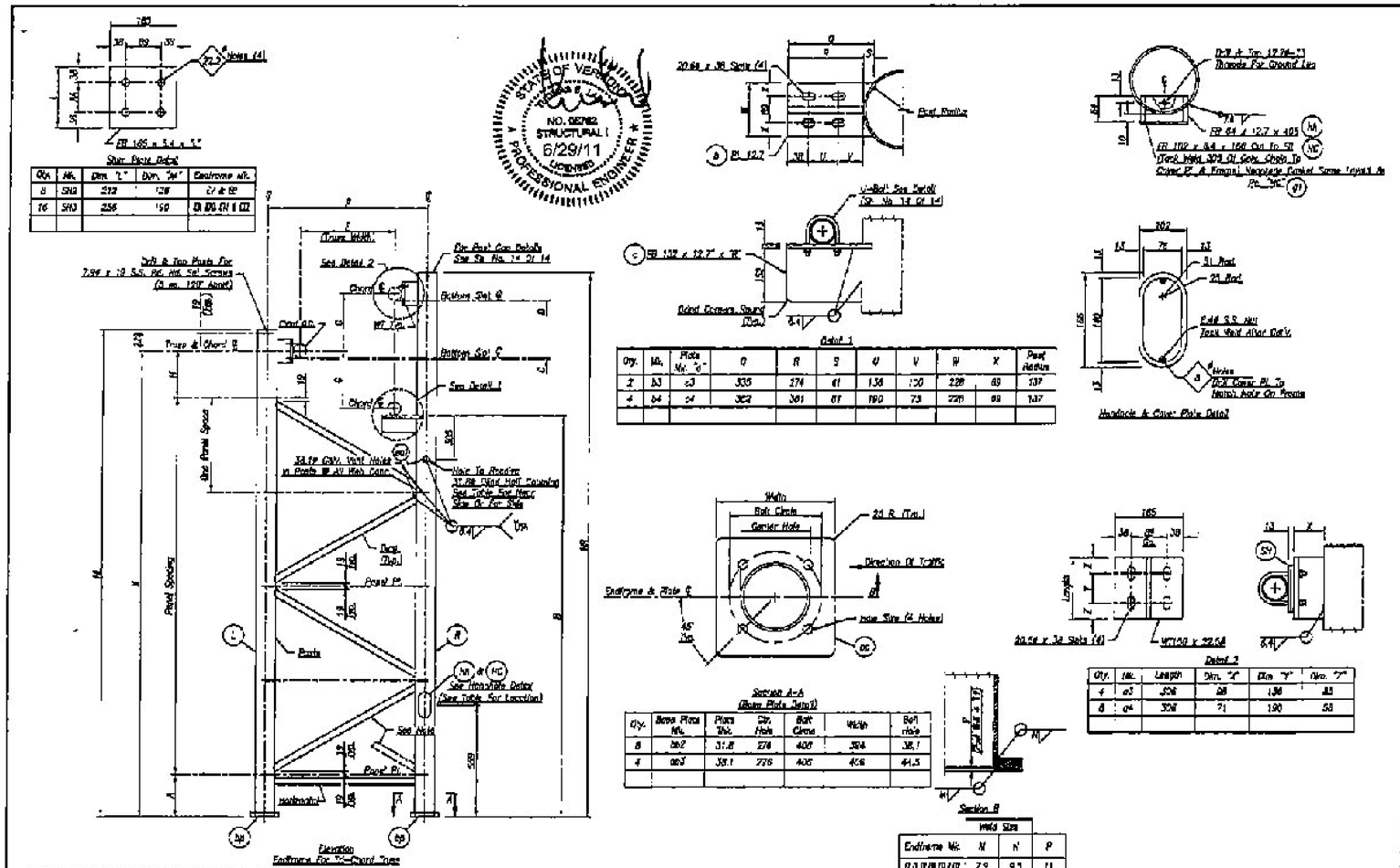

STATE OF VERMONT
NO. 06962
STRUCTURAL I
6/29/11
LICENSED
A PROFESSIONAL ENGINEER

Bill Of Material

Qty.	Mk.	Description	Length	Remarks
1	[illegible]	2½ O.D. x 8.3 ft. Pipe	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
1	[illegible]	do	[illegible]	
4	[illegible]	7.3 O.D. x 3.2 ft. Pipe	[illegible]	[illegible]
8	[illegible]	do	[illegible]	[illegible]
20	[illegible]	do	[illegible]	[illegible]
8	[illegible]	PL 31.8 x 384	384	
4	[illegible]	PL 38.1 x 408	408	
2	[illegible]	PL 12.7 x 338	338	
4	[illegible]	do	338	
8	[illegible]	PL 19.1 x 12.7	274	
8	[illegible]	do	391	
12	[illegible]	[illegible] x [illegible]	384	(See Detail)
8	302	PL 12.7 x 6.4	212	
16	303	do	288	
8	[illegible]	31.8 Bore For Coupling	—	
8	[illegible]	PL 64 x 12.7	408	Or Cut From 63.5 Plate
4	[illegible]	PL 102 x 6.4	102	3.2 To Fit
8	[illegible]	1.2 Thk. Neoprene Gasket 102 x 102 (Scale Layout As Req. "NC")		
16	Anchor Bolt	6.4 x 19 S.S. Hex Bolt & Nut		
4		Galv. Chain	305	

Notes:

Prior To Galvanizing All Corners And Edges Of Steel Plates, Shapes, Etc. Shall Be Ground To A 1.5mm Radius.

All Dimensions Are In Millimeters Unless Otherwise Noted.

MATERIAL SPECIFICATIONS:
Steel Pipe Shall Be ASTM A 312, ASTM A 312 Or ASTM Gr. B Or C
All Welding Is STRUCTURAL (AR 350) Min. Yield Strength.
Steel Plate & Wide Flange Shall Be ASTM A709 Gr. 36

Welding Note: All Welds Details, Workmanship, Procedures And Inspection Shall Conform With Subsection 5.8.15

PLANS STAMPED						REVISIONS			
F.R.	NO.	DATE	FOR	NO.	DATE	NO.	DATE	DESCRIPTION	
						1	6/29/11	Inc. For Chord Trss Wld	

Brookfield Fabricating Corp

P.O. Box 406 - Brookfield, Vermont 05036 - (802)276-3314

Contractor: F.R. Lafayette, Inc.

Project: Mt Olo-1(6), Washington County, Vermont

Description: Fabrication Details Of Endframes For 'C'-Chord Truss Sections B Side. Rt. Post 5.93, Rt. Post 4.79 & Rt.63.8

Sheet No. 13 of 16

Published For	Drawn By	Date	Checked By	Date	Job No.	Plate
Approval	A.	12-20-10	GF AM	12-20-10	VT11862	

Structure Loc.	Frame No.	Column Size	HL	HR	Chord O.D.	Panel Spacing	N	A	B	C	D	E	F	G	H
R. RM 1.00	E7	273 O.D. x 9.3 ft.	8.659W	9.329W	114	4 Spa @ 1.981M	8.410W	789	7.667W	8.342W	9.525W	1.372M	1.981M	685	305
	E8	273 O.D. x 9.3 ft.	9.374W	10.000W	114	4 Spa @ 1.981M	9.095W	856	8.342W	9.017W	9.703W	1.372M	1.981M	685	305
R. RM 1.25	E9	273 O.D. x 9.3 ft.	9.722W	9.808W	168	4 Spa @ 1.981M	8.803W	864	8.122W	8.798W	9.484W	1.372M	1.981M	685	305
	E10	273 O.D. x 9.3 ft.	8.873W	9.308W	168	4 Spa @ 1.981M	8.643W	414	7.873W	8.548W	9.224W	1.372M	1.981M	685	305
94-585.0	E11	273 O.D. x 9.3 ft.	8.708W	9.624W	168	4 Spa @ 1.981M	8.559W	310	7.708W	8.464W	9.159W	1.372M	1.981M	685	305
	E12	273 O.D. x 9.3 ft.	8.776W	9.481W	168	4 Spa @ 1.981M	8.548W	317	7.776W	8.451W	9.137W	1.372M	1.981M	685	305

Structure Loc.	Frame No.	Brace Pipe: Diag.	Brace Pipe: Horiz.	Brace Pipe: Pipe Size	BP No.	BP No.	Base Plate Mk.	"w1"	Mk
R. RM 1.00	E7	d6	d7	73.0 O.D. x 5.2 ft.	a2	b3	bp2	For Side	Nearside
	E8	d8	d7	do	a2	b3	bp2	Nearside	For Side
R. RM 1.25	E9	d8	d7	do	a4	b4	bp3	For Side	Nearside
	E10	d8	d7	do	a4	b4	bp3	Nearside	For Side
94-585.0	E11	d8	d7	do	a4	b4	bp2	For Side	Nearside
	E12	d8	d7	do	a4	b4	bp2	Nearside	For Side

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