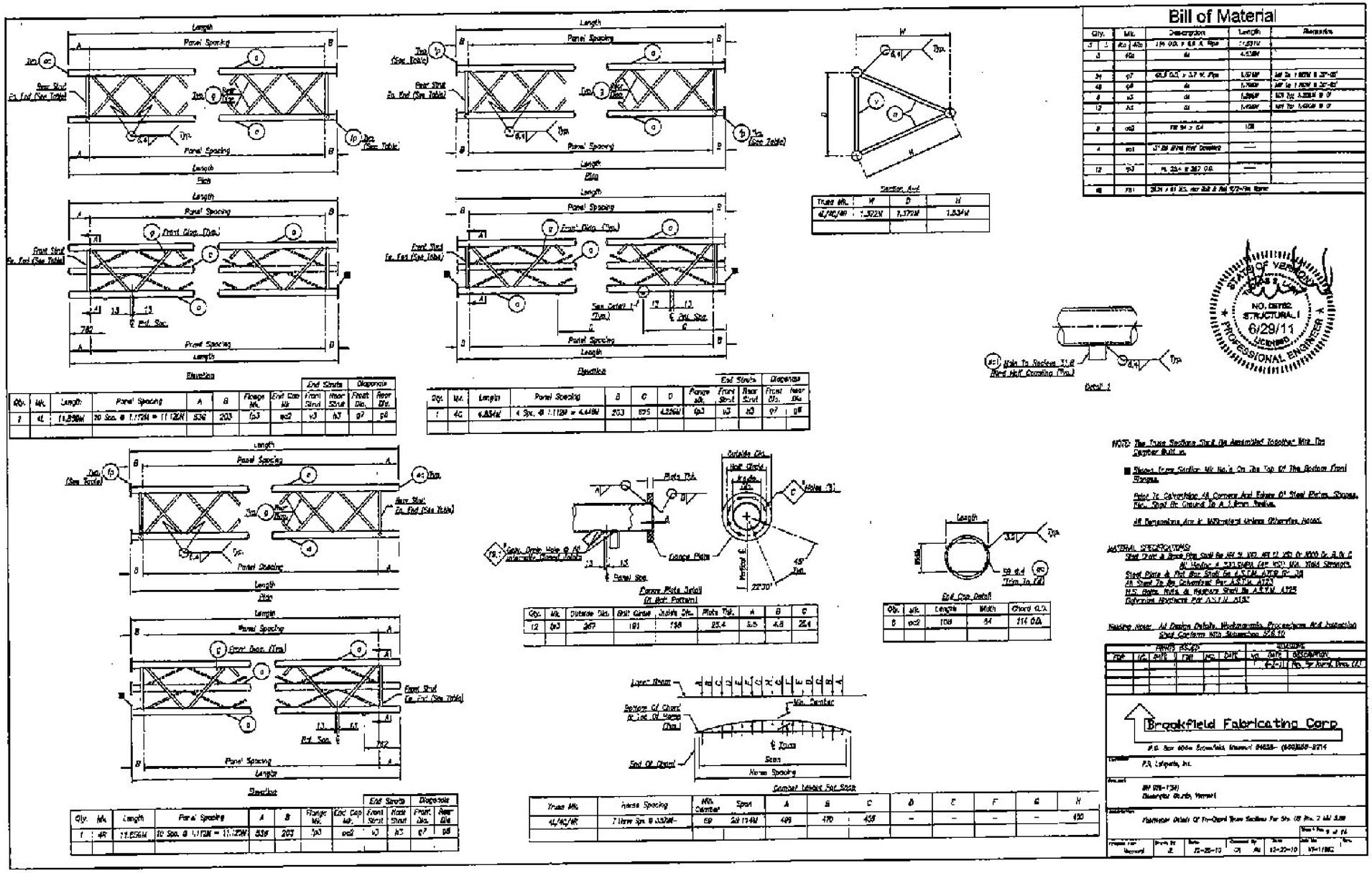

Bill of Material

Qty.	Mk.	Description	Length	Remarks
3	1	4a	1 1/4 O.D. x 0.6 W. Pipe	11.531M
3	4a	a1		4.318M
34	g7	42.3 O.D. x 3.7 W. Pipe	1.524M	Mit To 1.525M @ 37°-45°
48	g8	a1	1.746M	Mit To 1.750M @ 37°-45°
4	n3	a1	1.396M	Mit To 1.398M @ 0°
12	h3	a1	1.496M	Mit To 1.498M @ 0°
8	m2	PL 94 x 6.4	108	
4	m1	3/4 Dia Hvy Hex Coupler	—	
12	g3	PL 254 x 267 O.D.	—	
48	r81	3/4 x 61 Lg. Hex Bolt & Nut 325-Hv Bare		

Qty.	Mk.	Length	Panel Spacing	A	B	Flange Mk.	End Cap Mk.	End Struts Front Strut	End Struts Rear Strut	Diagonals Front Dia.	Diagonals Rear Dia.
1	4L	11.836M	10 Spa. @ 1.112M = 11.120M	536	203	p3	m2	v3	h3	g7	g8

Qty.	Mk.	Length	Panel Spacing	B	C	D	Flange Mk.	End Struts Front Strut	End Struts Rear Strut	Diagonals Front Dia.	Diagonals Rear Dia.
1	4C	4.854M	4 Spa. @ 1.112M = 4.448M	203	595	4.254M	p3	v3	h3	g7	g8

Qty.	Mk.	Length	Panel Spacing	A	B	Flange Mk.	End Cap Mk.	End Struts Front Strut	End Struts Rear Strut	Diagonals Front Dia.	Diagonals Rear Dia.
1	4R	11.836M	10 Spa. @ 1.112M = 11.120M	536	203	p3	m2	v3	h3	g7	g8

Truss Mk.	W	D	H
4L/4C/4R	1.302M	1.372M	1.534M

Qty.	Mk.	Outside Dia.	Bolt Circle	Inside Dia.	Plate Thk.	A	B	C
12	p3	267	191	138	25.4	5.5	4.8	25.4

Qty.	Mk.	Length	Width	Chord O.D.
8	m2	108	54	114.0 O.D.

Truss Mk.	Panel Spacing	Mfr. Camber	Span	A	B	C	D	E	F	G	H
4L/4C/4R	7 Panel Spa. @ 1.112M =	69	24.134M	496	470	458	—	—	—	—	430

NOTE: The Truss Sections Shall Be Assembled Together With The Center Bolt In.

Shown Truss Section Mk No.'s On The Top Of The Bottom Front Flanges.

Prior To Galvanizing All Corners And Edges Of Steel Plates Shall Be Ground To A 3 Mm Radius.

All Dimensions Are In Millimeters Unless Otherwise Noted.

MATERIAL SPECIFICATIONS:
Steel Pipe & Round Bar Shall Be API 5L X60, API 5L X65 Or ASTM Gr. B Or C
All Welded & Structural Pipe Shall Be Of Minimum Yield Strength.
Steel Plate & Flat Bar Shall Be ASTM A572 Gr. 50
All Steel To Be Galvanized Per ASTM A123
H.S. Bolts, Nuts & Washers Shall Be ASTM A325
Galvanize Washers Per ASTM A153

Welding Notes: All Welds Details, Workmanship, Procedures And Inspection Shall Conform With Section 3.8.10

PRINTS ISSUED								REVISIONS			
FOR	NO.	DATE		FOR	NO.	DATE		NO.	DATE	DESCRIPTION	
								1	6-2-11	Rev. To Match Dwgs. 1&2	

Brookfield Fabricating Corp

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

Customer: P.G. Lafayette, Inc.

Job Name: BF 076-1341
Bluewater Grade, Vermont

Description: Fabrication Details Of Tri-Chord Truss Sections For Spa. 18 Ft. 2 Mt. 3.28

Drawn By: JE | Date: 12-20-10 | Checked By: CM | Date: 12-20-10 | Job No.: VT-11862

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FEB 7 2012
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