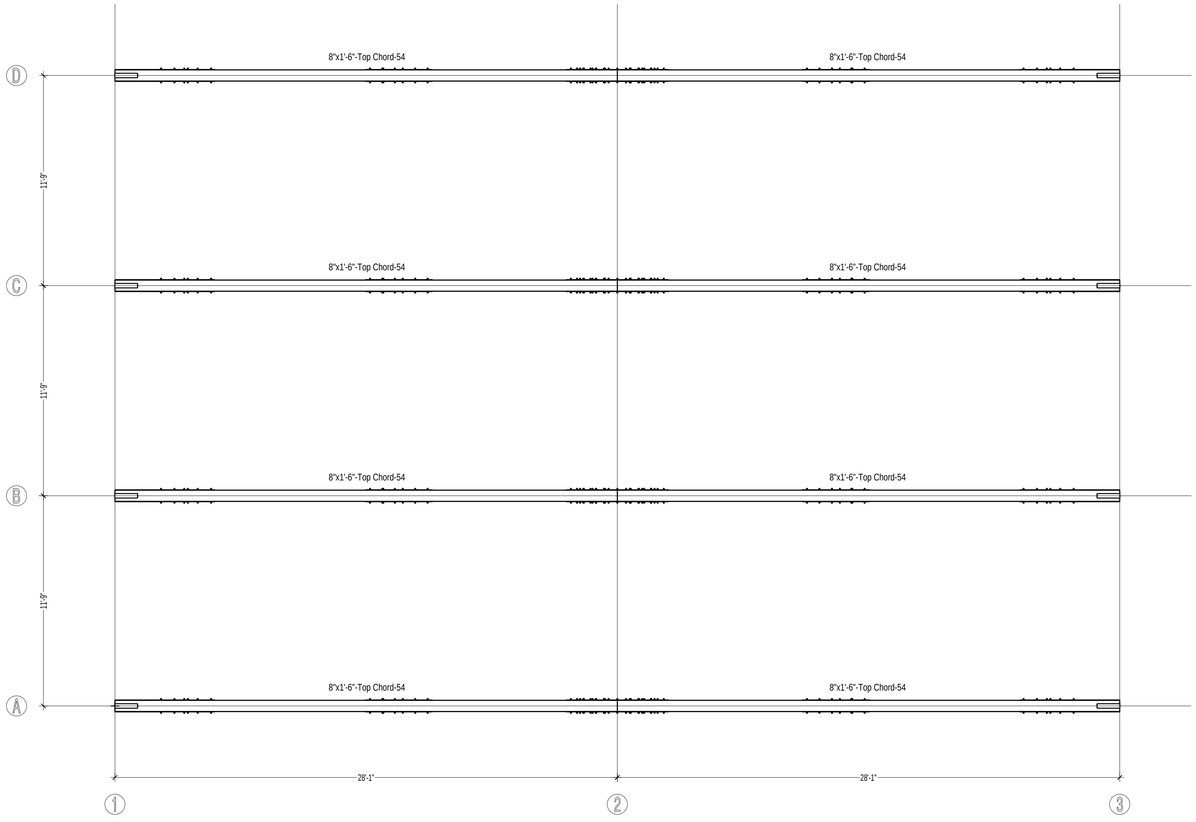


Plan View

General Notes:

Timbers to be Douglas Fir #1 & Better S4S
All edges to have 1/2" chamfer
One coat of stain, oil or urethane to be shop applied on all sides.
All Bolts to be 3/4" zinc coated Grade A307.
All Steel to be A36 and to be shop primed flat black.
Timber is a natural product. Checking is normal and to be expected.

Filename 3D: HopkinLon CenLer for Lhe Arls 3d.3d
Oulpul dale 3D: 8/28/2014
Aclual dale: 8/28/2014
User name:

Projecl name: HopkinLon CenLer for Lhe Arls
Cuslomer:
Projecl number:

Projecl description:

No.	PL	Name	Material	QuanLily	LisL widLh [inch]	LisL heighL [inch]	LisL LengLh [inch]	Real LengLh [inch]
50		Queenpost	Douglas fir	8	8"	8"	5'	4' -10"
51		Web	Douglas fir	8	8"	8"	14'	13' -3"
52		Kingpost	Douglas fir	4	8"	10"	12'	10' -1"
53		BoLLom Chord	Douglas fir	8	8"	1' -2"	28'	27' -2"
54		Top Chord	Douglas fir	8	8"	1' -6"	32'	30' -11"
Sum: ToLal				36				

Filename 3D: HopkinLon CenLer for Lhe Arls 3d.3d
Oulpul dale 3D: 8/28/2014
Aclual dale: 8/28/2014
User name:

Projecl name: HopkinLon CenLer for Lhe Arls
Cuslomer:
Projecl number:

Projecl description:

No.	PL	Name	Material	QuanLily	LisL widLh [inch]	LisL heighL [inch]	Real LengLh [inch]
1		Peg	Birch / # 25	16	1"	1"	7 1/2"
2		PLaLe	SLeel	16	1/4"	4"	1' -8 1/2"
3		PLaLe	SLeel	16	1/4"	5"	4' -3 3/8"
4		PLaLe	SLeel	8	1/4"	5"	4' -11"
5		PLaLe	SLeel	16	1/4"	5"	5' -7"
6		PLaLe	SLeel	8	1/4"	2' -1 1/4"	4' -4 1/8"
7		PLaLe	SLeel	8	1/4"	2' -2 1/2"	5' -8 13/16"
8		PLaLe	SLeel	16	1/4"	2' -6 1/16"	3' -1 7/8"
9		PLaLe	SLeel	8	1/4"	4' -3 7/16"	2' -5 3/16"
10		BoLL	SLeel / # 19	280	3/4"	3/4"	10"
11		MSTC66	SLeel	8	3"	1' -3 3/8"	4' -4 15/16"
12	Shear	PLaLe	SLeel / # 102	464	4"	4"	1/2"
13		PLaLe	SLeel	16	7 1/2"	1"	5"
Sum: ToLal				880			

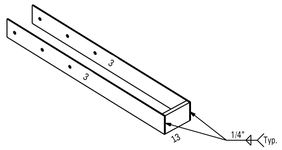
BASIS OF DESIGN

1) Architect and/or Structural Engineer of Record is responsible to review and approve design loads.

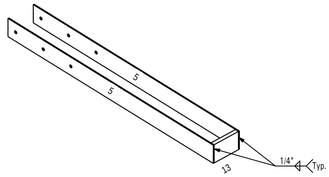
2) The following design loads are based on the loads provided by the Structural Engineer of Record on the Structural Drawing Sheet S2.1

ROOF LOADS	VALUE
Live Load	20 psf
Dead Load	15 psf + self weight
FLOOR LOADS	
Equipment Load (One each end of truss)	1000 lbs
Located <15' from end of truss	
ROOF SNOW LOADS	
Pg	55 psf
Pf	n/a
Ce	1
Ct	1
I	1
Snow Drift & Unbalanced Snow	As applicable
WIND LOADS	
Basic Wind Speed	100 mph (3sec gust)
Building Category	II
I	1.0
Building Classification	Enclosed
Exposure	C
Internal Pressure Coeficient	+/- 0.18

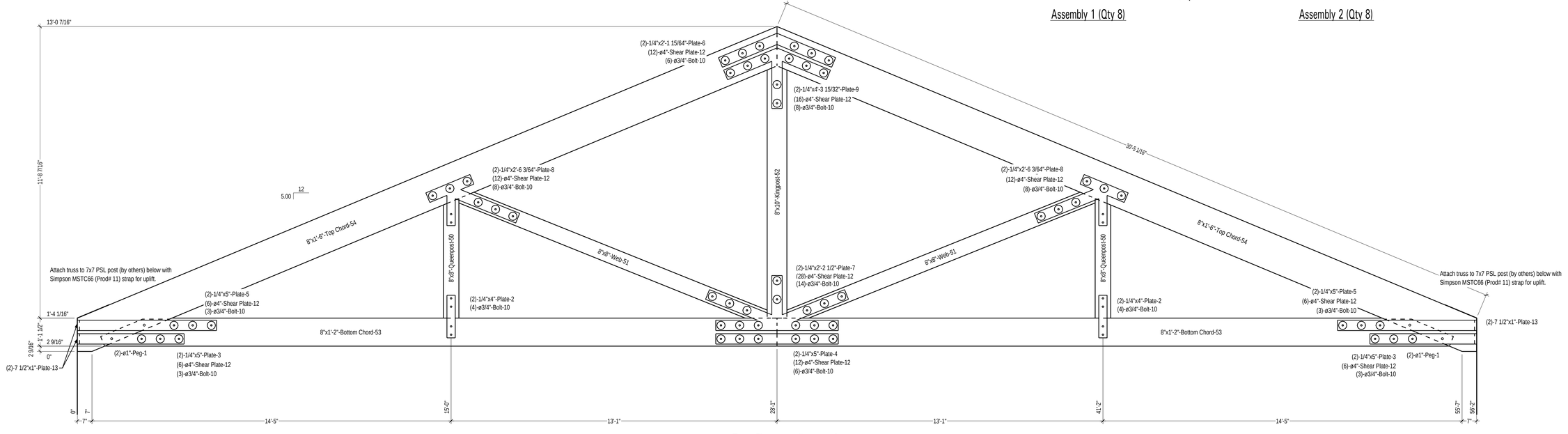
Fire Tower Engineered Timber (FTET) Scope of Responsibility:
The scope of work for FTET on this project is limited to the Heavy Timber elements detailed in these drawings. FTET has not performed an analysis of the lateral loads as they affect the entire structure. It is assumed that the lateral loads are resisted by the perimeter walls, the analysis and design of which are by others.



Assembly 1 (Qty 8)



Assembly 2 (Qty 8)



Truss Elevation - Quantity 4

VERMONT TIMBER WORKS INCORPORATED
36 Fairbanks Road
North Springfield, Vermont
802.886.1917 - 802.886.6188 fax
www.vermonttimberworks.com

Framing Plan
Bent Profile
X

Project: Hopkinton Center for the Arts
Timber Trusses
Hopkinton, MA

Drawn By: JEA
Checked By: XX
Scale: 48
Date: 09-02-14
Plot Date: 09-02-14

REVISIONS	BY	CHECKED BY
xx/xx/xx	XX	XX

SHEET
F-1