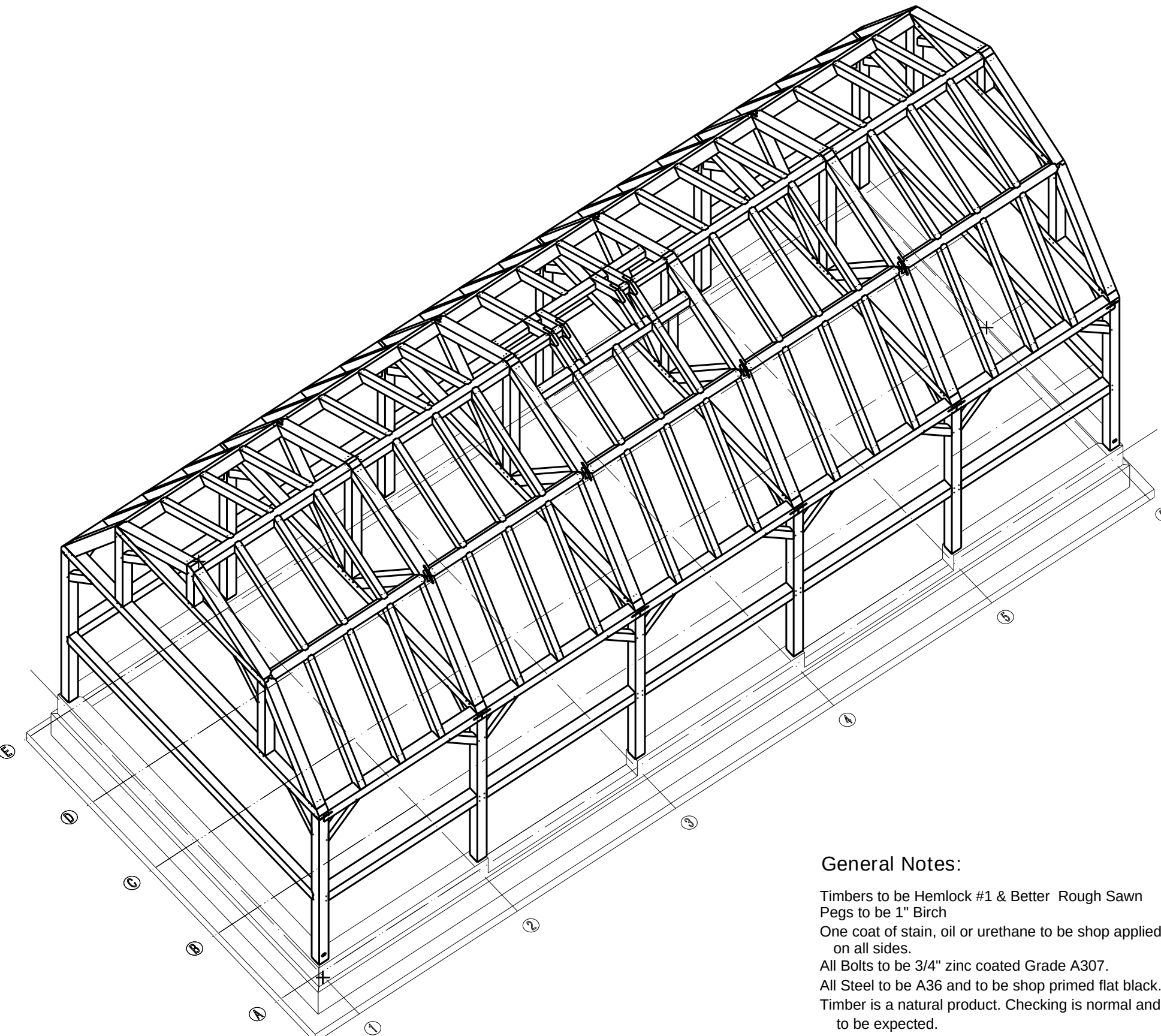


REVISIONS	BY	CHECKED
XX/XX/XX	XX	XX



General Notes:

Timbers to be Hemlock #1 & Better Rough Sawn
Pegs to be 1" Birch
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.

BASIS OF DESIGN

- Engineer of record Morris Associates is responsible to
review and approve design loads.
- The heavy timber trusses and/or frame is designed for gravity loads only
and not as part of the main lateral force resisting system. The main
lateral force resisting system is the responsibility of Morris Associates
- The following design loads are based on the loads provided by
the Structural Engineer of Record Morris Associates

ROOF LOADS	VALUE
Live Load	40 psf
Dead Load	15 psf
ROOF SNOW LOADS	
Ground Snow Load	40 psf
Roof Snow Load	Based on ASCE 7-05
Roof Live Load	20 psf
Dead Load	15 PSF
Unbalanced Snow Load	40 psf (with 0 psf on windward roof)
FLOOR LOADS	
Live Load	40 PSF
Dead Load	15 PSF
WIND LOADS	
Basic Wind Speed	90 mph (3sec gust)
Building Category	II
I wind	1.0
Building Classification	Enclosed
Exposure	B
Internal Pressure Coefficient	+/- 0.18

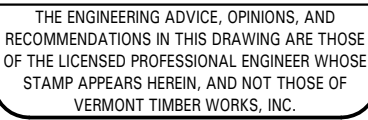
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Output date 3D: 6/27/2011
Actual date: 6/27/2011
User name:
Customer: Eberhart Barn
Project number:
Project description:

No. PL	Name	Material	Quantity	Real width [inch]	Real height [inch]	Real Length [inch]
100	Brace	Hemlock	36	6"	8"	4' - 5 3/4"
101	Ridge	Hemlock	2	6"	10"	9 1/8"
102	Ridge	Hemlock	2	6"	10"	9 1/8"
103	Rafter	Hemlock	2	6"	10"	3' - 9 1/16"
104	Rafter	Hemlock	1	6"	10"	3' - 9 1/16"
105	Rafter	Hemlock	1	6"	10"	3' - 9 1/16"
106	Rafter	Hemlock	2	6"	10"	3' - 9 1/16"
107	Rafter	Hemlock	1	6"	10"	3' - 9 1/16"
108	Rafter	Hemlock	1	6"	10"	3' - 9 1/16"
109	Rafter	Hemlock	6	6"	10"	6' - 15/16"
110	Rafter	Hemlock	24	6"	10"	8' - 10 15/16"
111	Rafter	Hemlock	38	6"	10"	11' - 1 3/4"
112	Purlin	Hemlock	6	8"	1"	13' - 5 1/2"
113	Ridge	Hemlock	4	8"	1"	13' - 5 1/2"
114	Purlin	Hemlock	2	8"	1"	13' - 5 1/2"
115	Purlin	Hemlock	2	8"	1"	13' - 5 1/2"
116	Ridge	Hemlock	1	8"	1"	13' - 5 1/2"
117	Ridge	Hemlock	1	8"	1"	13' - 5 1/2"
118	King Post	Hemlock	2	10"	10"	4' - 11 7/16"
119	Web	Hemlock	2	10"	10"	9' - 4 11/16"
120	Web	Hemlock	2	10"	10"	9' - 4 11/16"
121	Web	Hemlock	8	10"	10"	12' - 5 3/16"
122	King Post	Hemlock	2	10"	10"	14' - 3 1/8"
123	King Post	Hemlock	2	10"	10"	14' - 3 1/8"
124	Top Chord	Hemlock	2	10"	1"	9' - 1/8"
125	Top Chord	Hemlock	2	10"	1"	9' - 1/8"
126	Top Chord	Hemlock	2	10"	1"	9' - 2"
127	Top Chord	Hemlock	4	10"	1"	9' - 2"
128	Top Chord	Hemlock	2	10"	1"	9' - 2"
129	Top Chord	Hemlock	8	10"	1"	11"
130	Top Chord	Hemlock	2	10"	1"	11' - 5/16"
131	Top Chord	Hemlock	2	10"	1"	11' - 5/16"
132	Girt	Hemlock	10	10"	1"	14"
133	Girt	Hemlock	4	10"	1"	14"
134	Girt	Hemlock	6	10"	1"	14"
135	Girt	Hemlock	2	8"	1"	28' - 1 1/2"
151	Web	Hemlock	2	10"	10"	16' - 9 15/16"
152	Post	Hemlock	2	10"	10"	18' - 1 1/2"
153	Post	Hemlock	2	10"	10"	18' - 1 1/2"
154	Post	Hemlock	8	10"	10"	18' - 1 1/2"
155	Bottom Chord	Hemlock	4	10"	1"	28' - 11 1/2"
156	Bottom Chord	Hemlock	2	10"	1"	28' - 11 1/2"
Sum: Total				208		

Filename 3D: V2 Eberhart Barn 3D.3d
Output date 3D: 6/27/2011
Actual date: 6/27/2011
User name:
Customer: Eberhart Barn
Project number:
Project description:

No. PL	Name	Material	Quantity	Diameter [inch]	List Length [inch]
1	Birch /	25	24	1"	5 1/2"
2	Peg Birch /	25	24	1"	6 1/2"
3	Peg Birch /	25	20	1"	7"
4	Peg Birch /	25	20	1"	7 1/4"
5	Peg Birch /	25	48	1"	8"
6	Peg Birch /	25	4	1"	8 1/4"
7	Peg Birch /	25	8	1"	8 1/2"
8	Peg Birch /	25	4	1"	9 1/2"
9	Peg Birch /	25	28	1"	10"
10	Peg Birch /	25	24	1"	11"
11	Peg Birch /	25	20	1"	11 1/4"
12	Peg Birch /	25	40	1"	12"
13	Peg Birch /	32	16	1 1/4"	12"
14	Peg Birch /	32	8	1 1/4"	12"
15	Flashing	Lead	12	1 1/8"	10"
16	ST18	Ssteel	8	1 1/4"	18"
17	Log Hog	Ssteel	6	1 1/4"	18"
18	Log Hog	Ssteel	6	276	1/4"
19	Log Hog	Ssteel	6	92	1/4"
20	RL Thread	Ssteel	19	12	3/4"
21	Plate	Ssteel	4	1 1/4"	18"
22	ST18	Ssteel	4	1 1/4"	14 1/8"
23	ST18	Ssteel	8	1 1/4"	16 7/8"
Sum: Total				740	

ROOF PLAN



**Project: Eberhart Barn
Timber Frame
Hillsdale, NY**

[illegible]

F-2

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**Project: Eberhart Barn
Timber Frame
Hillsdale, NY**

Drawn By:
Checked By: XX
Scale: 48
Date: 06-09-11
Plot Date: 07-07-11

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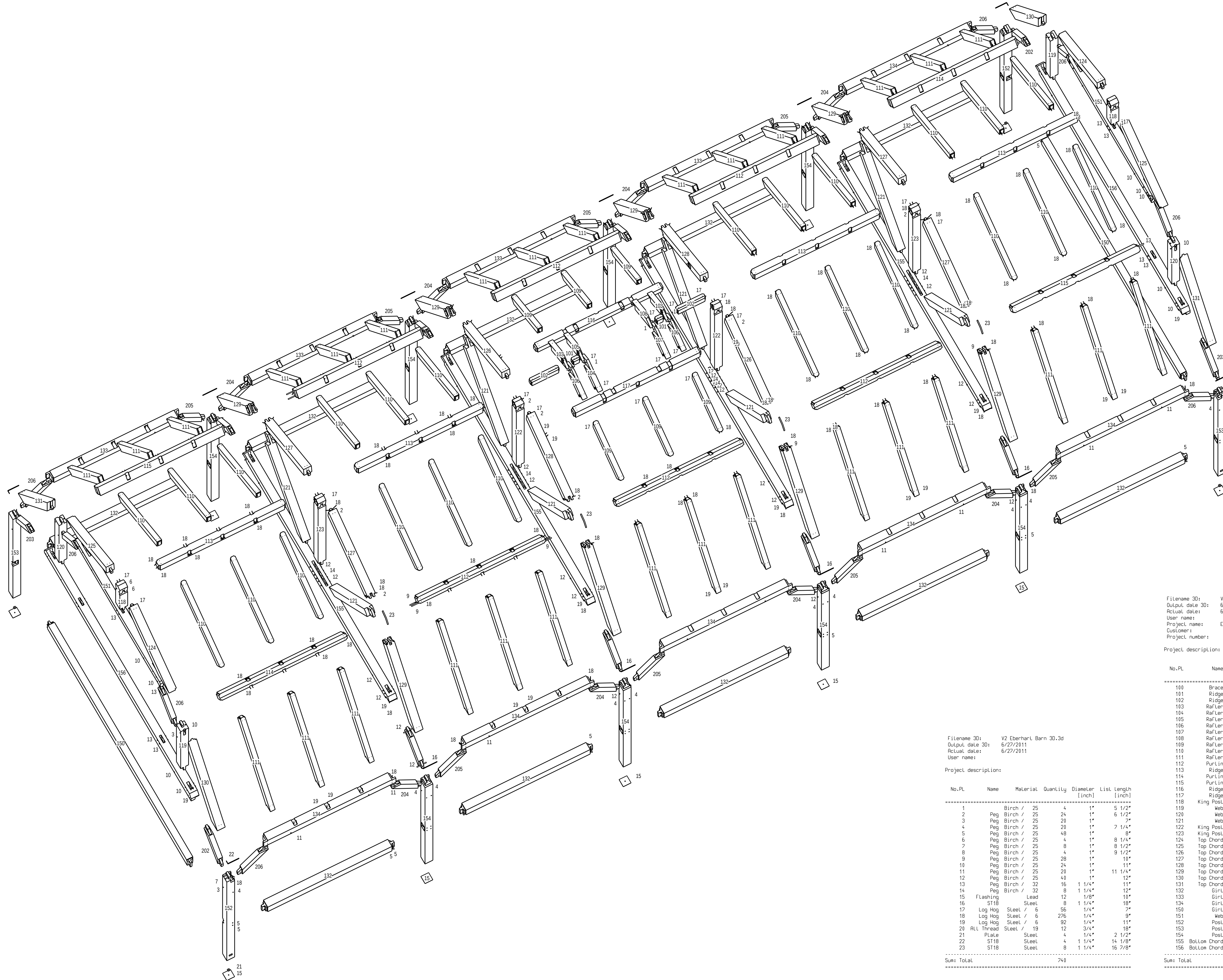
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F-3

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General Notes:

Timbers to be Hemlock #1 & Better Rough Sawn
Pegs to be 1" Birch
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.



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Filename 3D:      V2 EberharL Barn 3D.3d
Output date 3D:   6/27/2011
Actual date:      6/27/2011
User name:

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Project description:

No. Pl	Name	Material	Quantity	Diameter [inch]	List Length
1		Birch / 25	4	1"	5 1/2'
2	Peg Birch	25	24	1 1/2"	1"
3	Peg Birch	25	20	1"	7"
4	Peg Birch	25	20	1"	7 1/4'
5	Peg Birch	25	48	1"	8'
6	Peg Birch	25	8	1 1/4"	11'
7	Peg Birch	25	8	1"	8'
8	Peg Birch	25	4	1"	9 1/2'
9	Peg Birch	25	28	1"	10'
10	Peg Birch	25	24	1"	11'
11	Peg Birch	25	20	1"	11 1/4'
12	Peg Birch	25	40	1"	12'
13	Peg Birch	32	16	1 1/4"	12'
14	Peg Birch	32	8	1 1/2"	12'
15	Flashing	Lead	12	1 1/8"	0"
16	S118	Steel	8	1 1/4"	8'
17	Log Hog	Steel	6	56	1/4"
18	Log Hog	Steel	6	276	1/4"
19	Log Hog	Steel	6	92	1/4"
20	Roll Thread	Steel	19	12	3/4"
21	Plate	Steel	4	18	1/2"
22	S118	Steel	4	18	1 1/4"
23	S118	Steel	8	1 1/4"	16 7/8'

Sum: Total	740
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Filename 3D:      V2 Eberhart Barn 3D.3d
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Actual date:      6/27/2011
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Project name:     Eberhart Barn
Customer:
Project number:

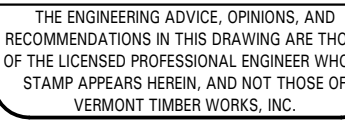
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Customer:
Project number:

Project description:

No.Pl	Name	Material	Qty/Lit	Real width [inch]	Real height [inch]	Real Length [inch]
100	Brace	HemLock	36	6"	8"	4' - 5 3/4"
101	Ridge	HemLock	2	6"	10"	9 1/8"
102	Ridge	HemLock	2	6"	10"	9 1/8"
103	Rafler	HemLock	2	6"	10"	3' - 9 1/16"
104	Rafler	HemLock	1	6"	10"	3' - 9 1/16"
105	Rafler	HemLock	1	6"	10"	3' - 9 1/16"
106	Rafler	HemLock	2	6"	10"	3' - 9 1/16"
107	Rafler	HemLock	1	6"	10"	3' - 9 1/16"
108	Rafler	HemLock	1	6"	10"	3' - 9 1/16"
109	Rafler	HemLock	6	6"	10"	6' - 15 1/16"
110	Rafler	HemLock	24	6"	6"	8' - 10 1/16"
111	Rafler	HemLock	30	6"	10"	11' - 4 3/4"
112	Purlin	HemLock	6	8"	1"	13' - 5 1/2"
113	Ridge	HemLock	4	8"	1"	13' - 5 1/2"
114	Purlin	HemLock	2	8"	1"	13' - 5 1/2"
115	Purlin	HemLock	2	8"	1"	13' - 5 1/2"
116	Ridge	HemLock	1	8"	1"	13' - 5 1/2"
117	Ridge	HemLock	1	8"	1"	13' - 5 1/2"
118	King Post	HemLock	2	10"	10"	4' - 11 7/16"
119	Web	HemLock	2	10"	10"	9' - 4 11/16"
120	Web	HemLock	2	10"	10"	9' - 4 11/16"
121	Web	HemLock	8	10"	12"	12' - 5 3/16"
122	King Post	HemLock	2	10"	10"	10' - 14' - 3 1/8"
123	King Post	HemLock	2	10"	10"	10' - 14' - 3 1/8"
124	Top Chord	HemLock	2	10"	1"	9' - 1 1/8"
125	Top Chord	HemLock	2	10"	1"	9' - 1 1/8"
126	Top Chord	HemLock	2	10"	1"	9' - 2"
127	Top Chord	HemLock	4	10"	1"	9' - 2"
128	Top Chord	HemLock	2	10"	1"	9' - 2"
129	Top Chord	HemLock	8	10"	1"	11'
130	Top Chord	HemLock	2	10"	1"	11' - 5/16"
131	Top Chord	HemLock	2	10"	1"	11' - 5/16"
132	Girl	HemLock	10	10"	1"	14'
133	Girl	HemLock	4	10"	1"	14'
134	Girl	HemLock	6	10"	1"	14'
135	Girl	HemLock	2	8"	1"	28' - 1 1/2"
151	Web	HemLock	2	10"	10"	16' - 9 15/16"
152	Post	HemLock	2	10"	10"	18' - 1 1/2"
153	Post	HemLock	2	10"	10"	18' - 1 1/2"
154	Post	HemLock	6	10"	10"	18' - 1 1/2"
155	BoaLom Chord	HemLock	4	10"	1"	28' - 11 1/2"
156	BoaLom Chord	HemLock	2	10"	1"	28' - 11 1/2"

Sum: Total	208
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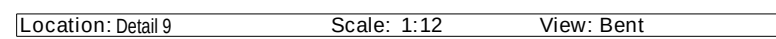


**Project: Eberhart Barn
Timber Frame
Hillsdale, NY**

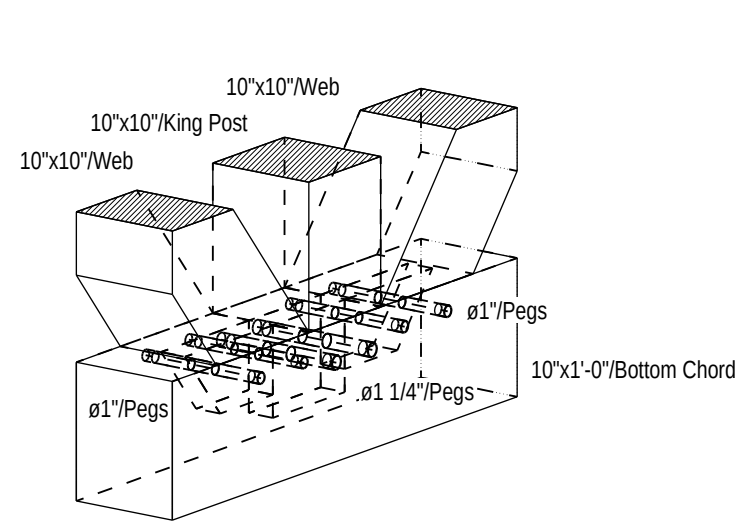
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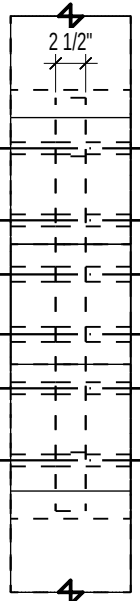
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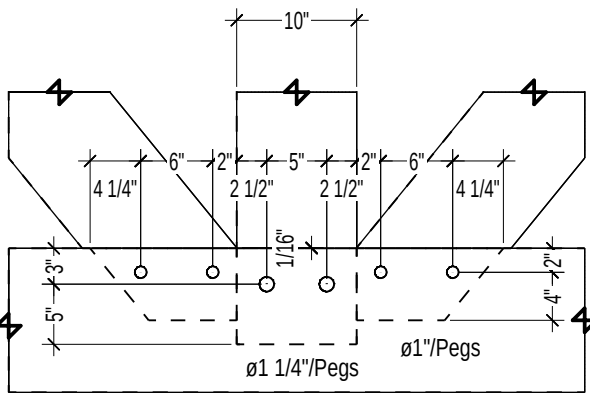
REVISIONS	BY	CHECKED BY
XX/XX/XX	XX	XX



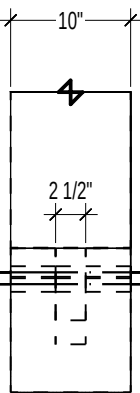
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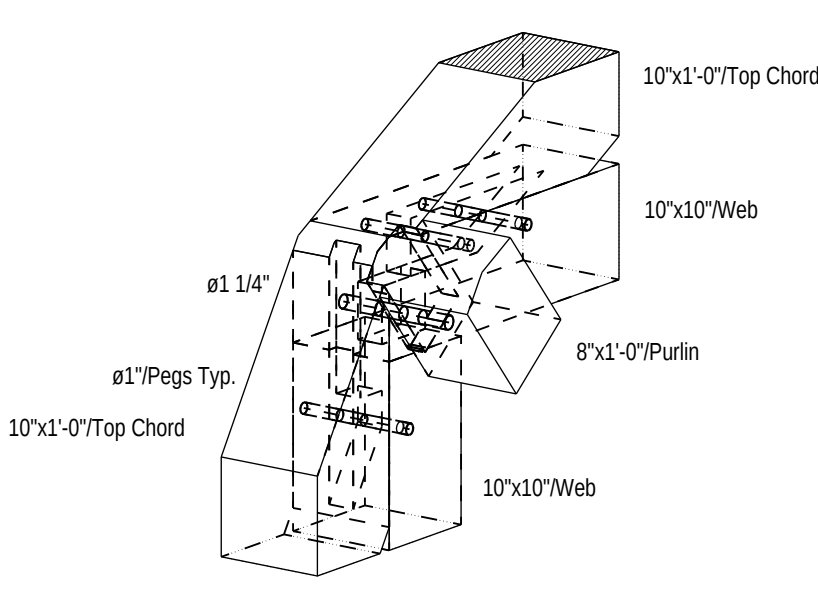
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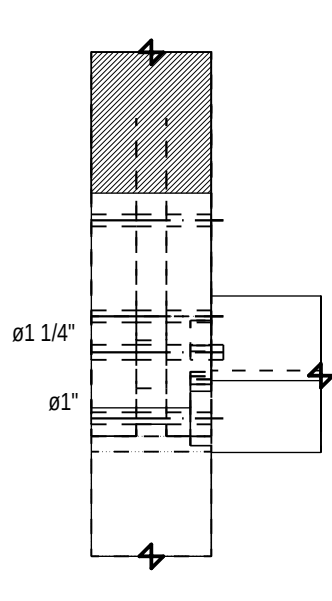
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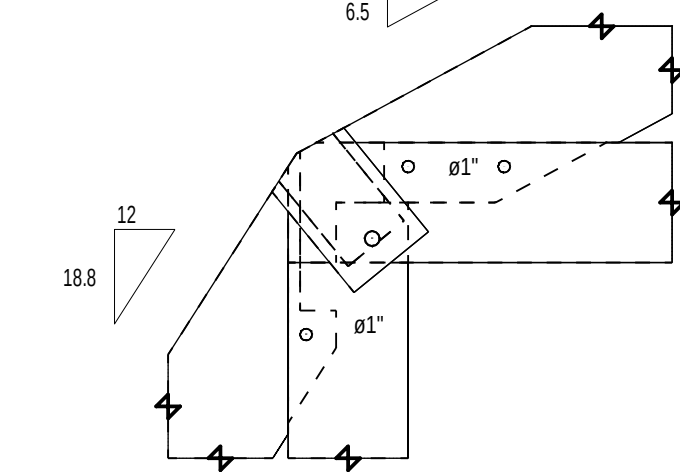
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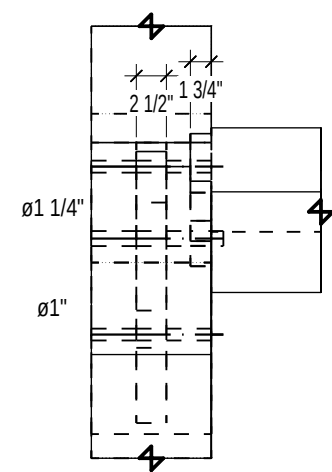
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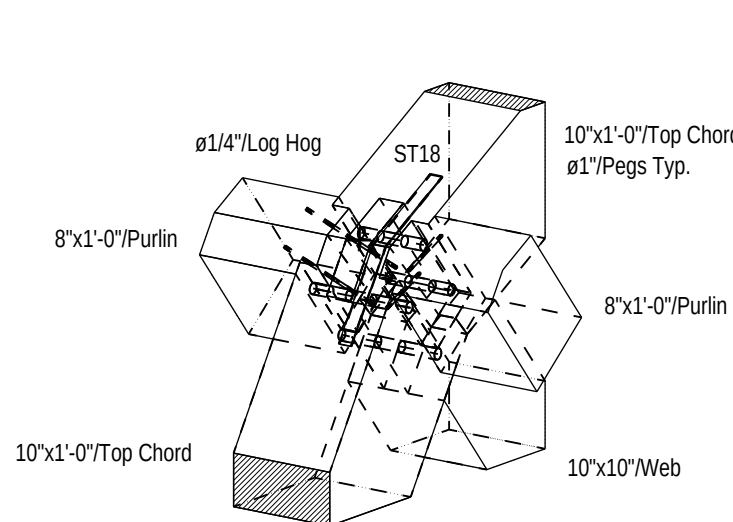
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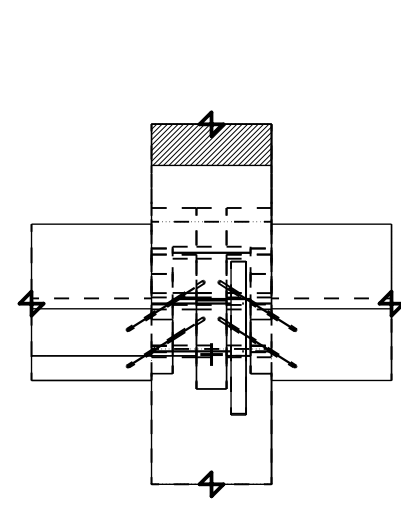
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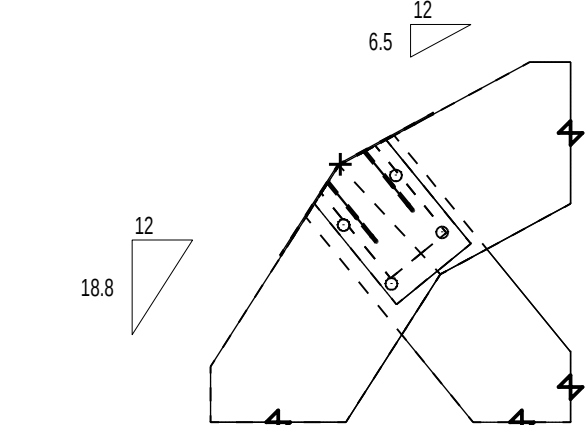
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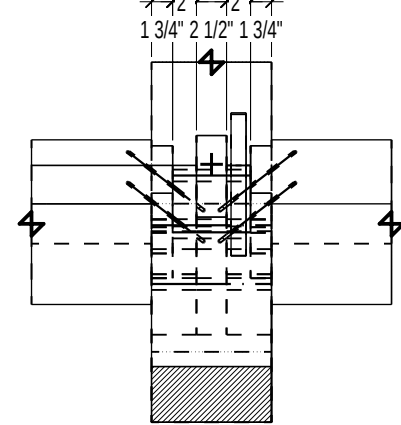
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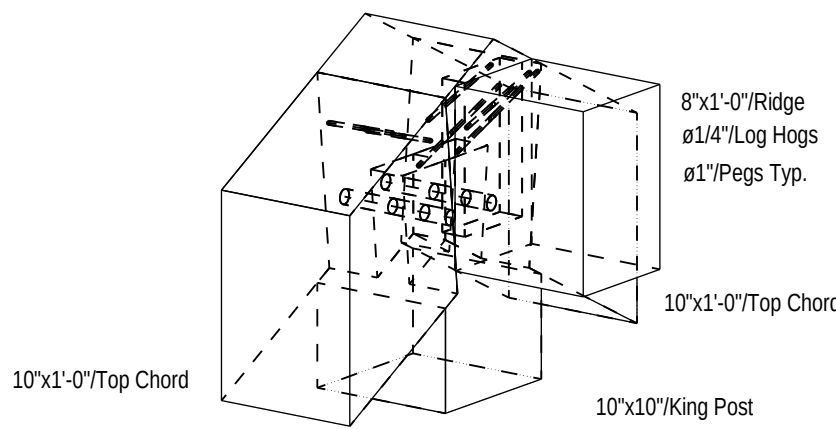
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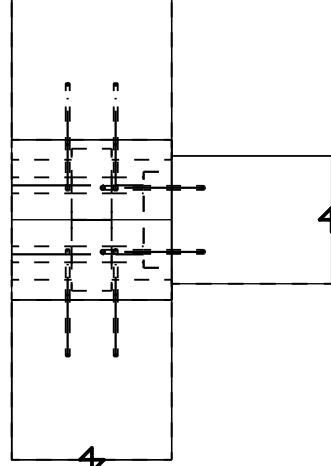
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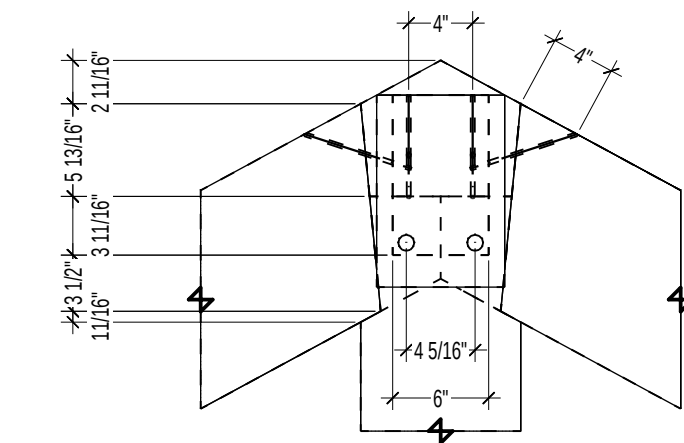
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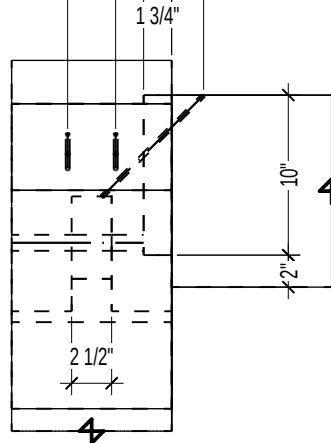
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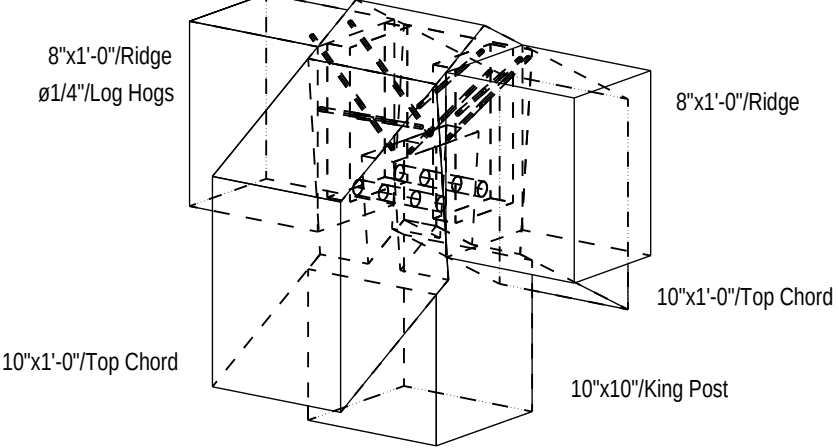
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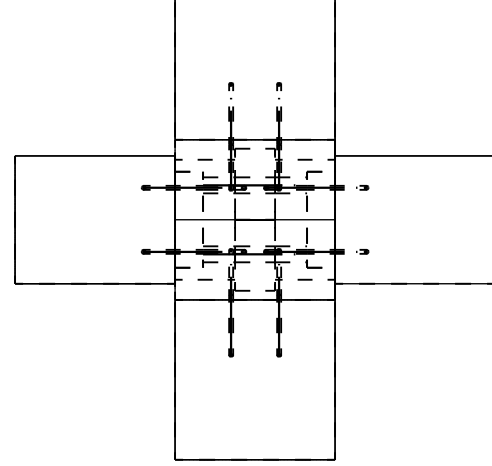
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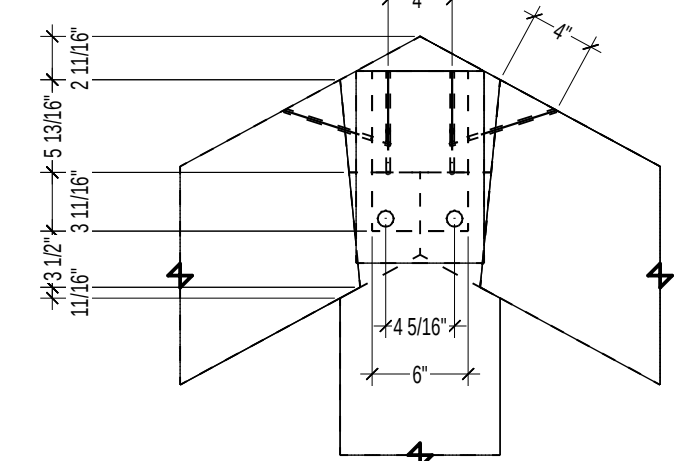
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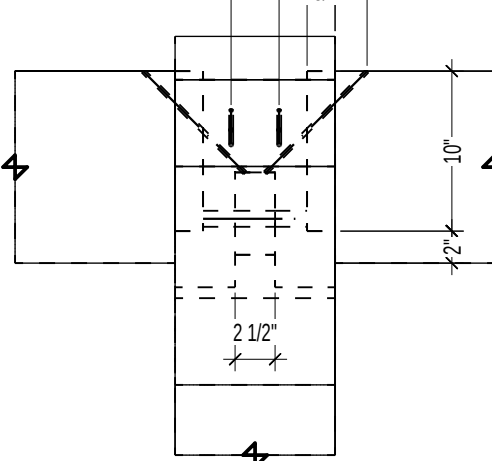
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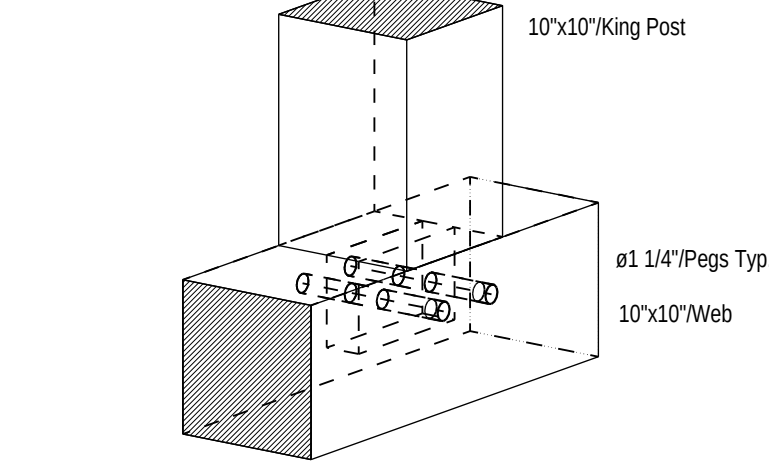
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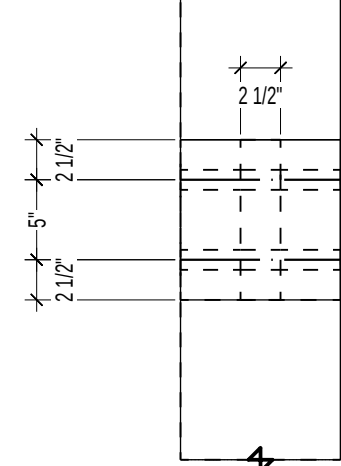
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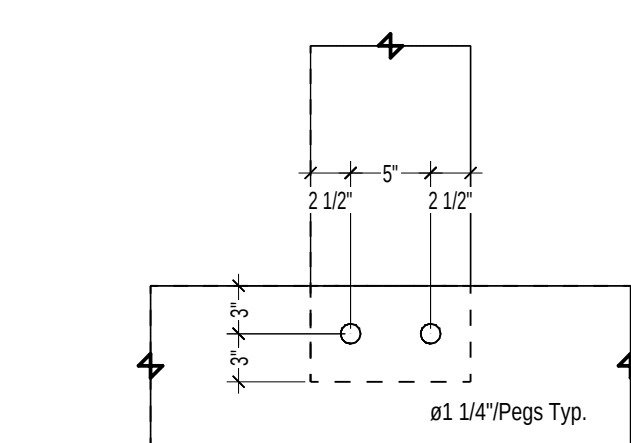
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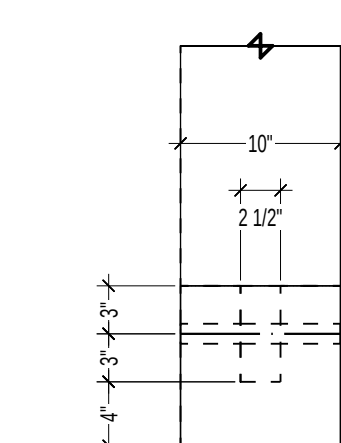
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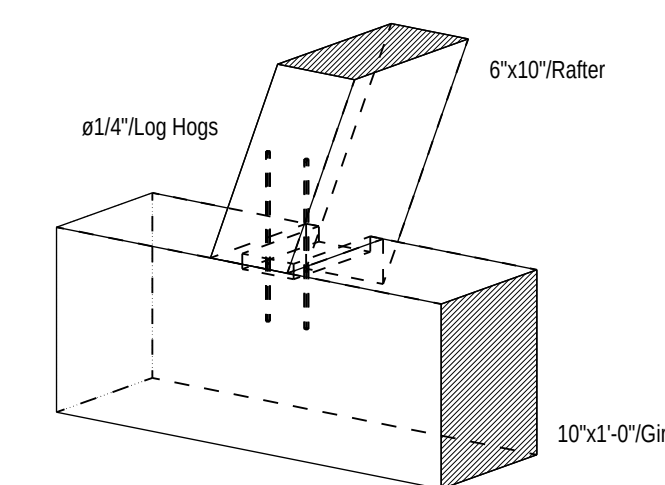
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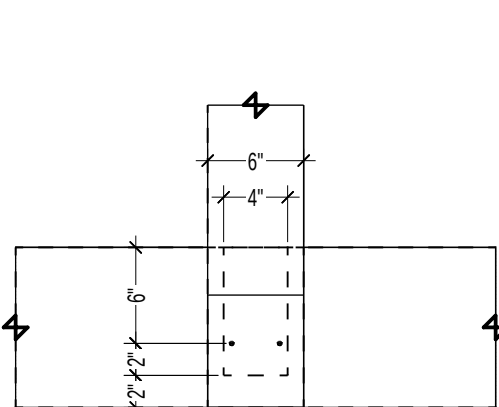
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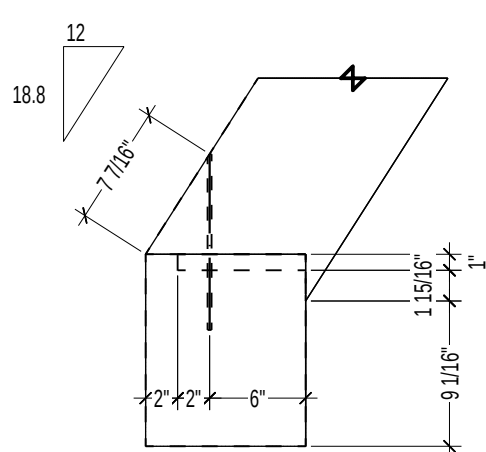
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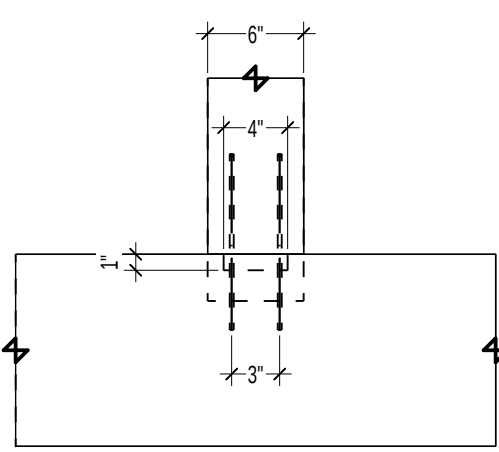
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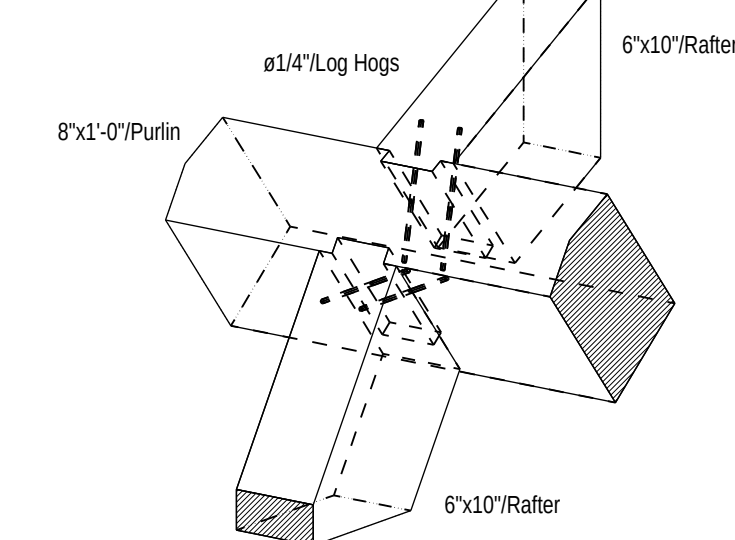
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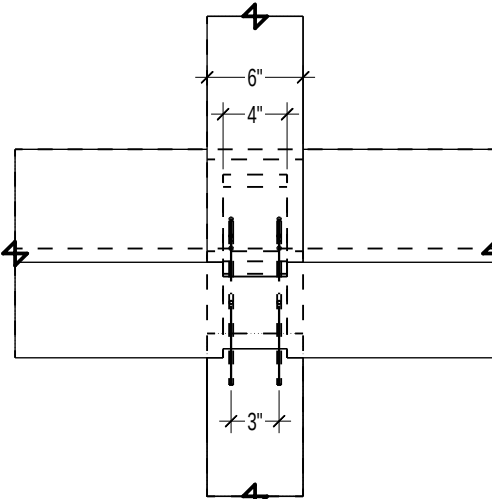
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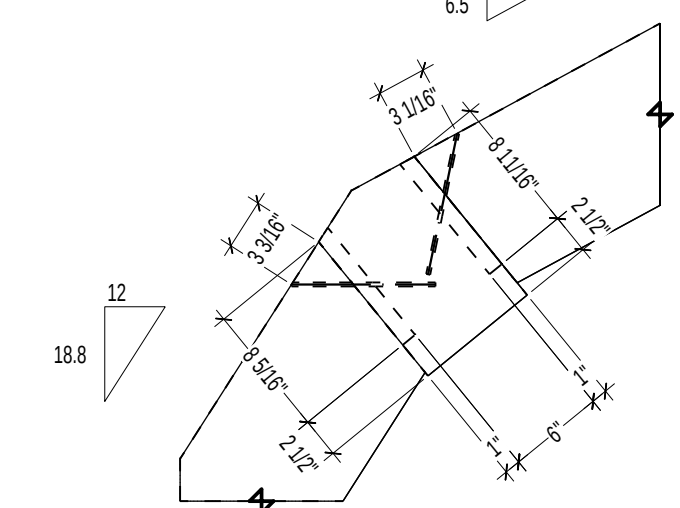
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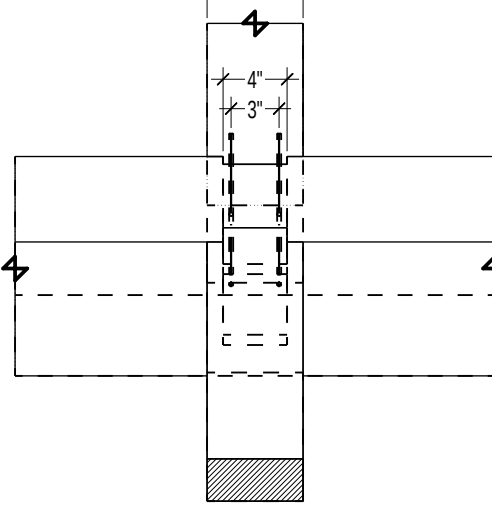
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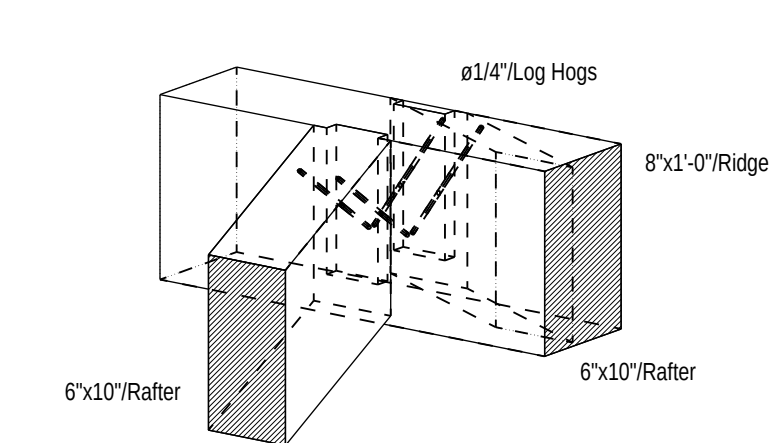
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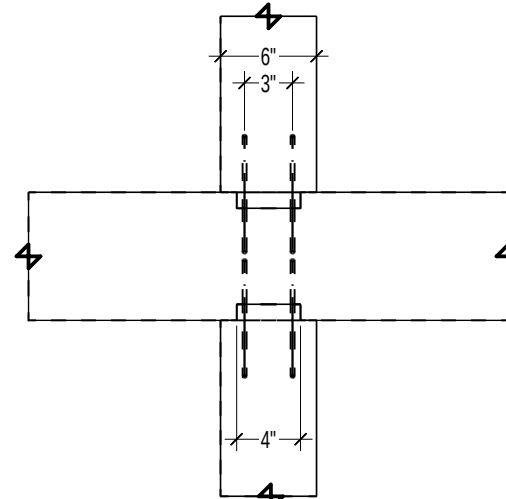
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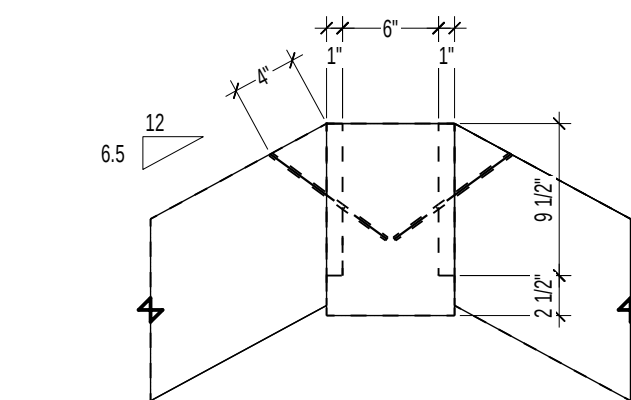
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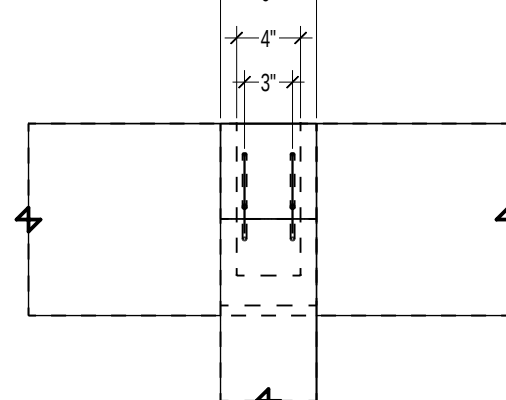
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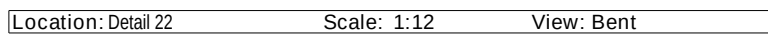
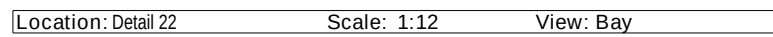
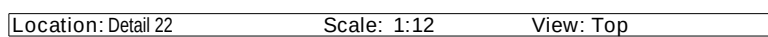
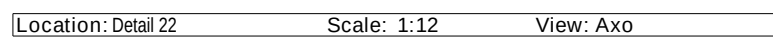
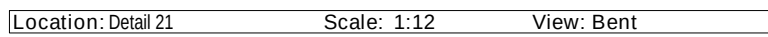
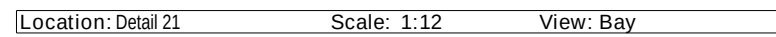
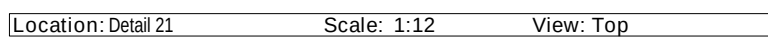
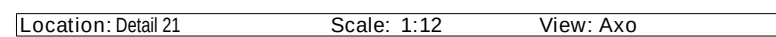
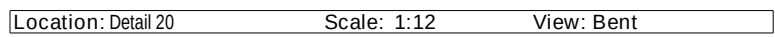
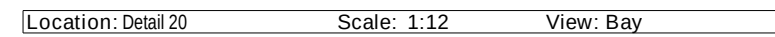
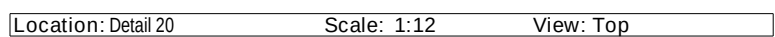
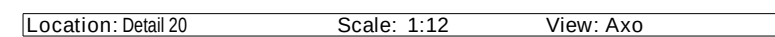
Location: Detail 19 Scale: 1:12 View: Top



Location: Detail 19 Scale: 1:12 View: Bay



Location: Detail 19 Scale: 1:12 View: Bent



Joint Details

**Project: Eberhart Barn
Timber Frame
Hillsdale, NY**

Drawn By:
 Checked By: XX
 Sale: 48
 Date: 06-09-11
 Not Date: 07-07-11

[illegible]

F-6

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