Portland, Maine | Yes. Life's good here.

Permitting and Inspections Department
Michael A. Russell, MS, Director

One- and Two-Family Addition/Alteration Checklist

(Including shed, deck, accessory structure, pool, change of use and amendment)

Applications shall be submitted online via the Citizen Self Service portal. Refer to the attached documents for complete instructions. The following items shall be submitted (please check and submit all items)**:**

- ☑ **One- and Two-Family Additions/Alterations Checklist** (this form)
- ☑ **A plot plan** drawn to scale, showing the shape and dimensions of the lot, shapes and dimensions of all existing and proposed structures including distance from property lines, location and dimension of all parking areas and driveways (required for any additions to the footprint or volume of the structure, any new or rebuilt structures or accessory detached structures)
- ☐ **Proof of Ownership** (e.g. deed, purchase and sale agreement) if the property was purchased within the past six months

Applications for pools shall also include the following:

- ☑ **A complete set of plans** with structural details, dimensions and a cross section showing the slope and depth ratios (for in-ground pools)
- ☐ **Design specifications** from the manufacturer (for above ground pools)
- ☐ **Details of required barrier protection** including the design of fencing, gates, latches, ladders or audible alarms (if applicable), and showing the location and construction detail for all features. This information can often be obtained from the manufacturer.

Applications for sheds for storage only and 200 square feet or less shall also include the following:

The length, width and height of the structure as described in:

- ☐ A copy of the brochure from the manufacturer; or
- ☐ A picture or sketch/plan of the proposed shed/structure

Applications for additions, alterations and detached accessory structures shall also include the following information per the IRC 2009 *(As each project has varying degrees of complexity and scope of work for repairs, alterations and renovations, some information may not be applicable. Please check and submit only those items that are applicable to the proposed project.)***:**

NOTE: All plan shall be drawn to a measurable scale (e.g., 1/4 inch = 1 foot) and include dimensions.

- ☑ Floor plans with dimensions - existing and proposed
- ☑ Elevations with dimensions – existing and proposed
- ☑ Foundation plan with footing/pier (sonotube) size and location
- ☑ Cross sections with framing material (foundation anchor size/spacing, rebar, drainage, damp proofing, floors, walls, beams, ceilings, rafters etc.)
- ☑ Detail new wall/floor/ceiling partitions including listed fire rated assemblies and continuity
- ☑ Window and door schedules including dimensions, and fire rating
- ☐ Stair details, including dimensions of rise/run, head room, guards/handrails, and baluster spacing
- ☑ Insulation (R-factors) of walls, ceilings and floors and the heat loss (U-factors) of windows
- ☑ Indicate location of egress windows and smoke/carbon monoxide detection
- ☑ Deck construction including pier layout, framing, fastenings, guards, handrails, and stair dimensions

Separate permits are required for internal & external plumbing, electrical installations, heating, ventilating and air conditioning (HVAC) systems and appliances.

FORTE®

JOB SUMMARY REPORT

191_Capisic.4te

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

01: Level			
Member Name	**Results**	**Current Solution**	**Comments**
Wall: Header - bedroom entry	Passed	2 Piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL	
Wall: Header - studio entry	Passed	2 Piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL	
Wall: Header - Bedroom window eave	Passed	3 Piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL	
Wall: Header - studio window eave	Passed	2 Piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL	
Wall: Header - gable wall 5'	Passed	2 Piece(s) 2 x 8 Spruce-Pine-Fir No. 1 / No. 2	

Forte Software Operator	Job Notes
Guy Poisson Hammond Lumber (207) 495-3303 gpoisson@hammondlumber.com	Judy Novey 191 Capisic Street Portland, Me

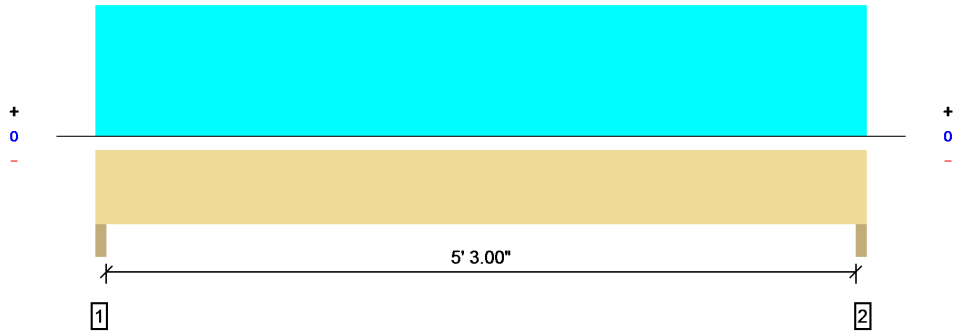
FORTE®

MEMBER REPORT *Level, Wall: Header - bedroom entry*

2 piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

Overall Length: 5' 9.00"



All locations are measured from the outside face of left support (or left cantilever end).All dimensions are horizontal.;Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2876 @ 1.50"	7613 (3.00")	Passed (38%)	--	1.0 D + 1.0 S (All Spans)
Shear (lbs)	2022 @ 10.25"	5544	Passed (36%)	1.15	1.0 D + 1.0 S (All Spans)
Moment (Ft-lbs)	3783 @ 2' 10.50"	8182	Passed (46%)	1.15	1.0 D + 1.0 S (All Spans)
Live Load Defl. (in)	0.076 @ 2' 10.50"	0.183	Passed (L/867)	--	1.0 D + 1.0 S (All Spans)
Total Load Defl. (in)	0.110 @ 2' 10.50"	0.275	Passed (L/601)	--	1.0 D + 1.0 S (All Spans)

System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Top Edge Bracing (Lu): Top compression edge must be braced at 5' 9.00" o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 5' 9.00" o/c unless detailed otherwise.

Supports	Bearing			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Snow	Total	
1 - Trimmer - HF	3.00"	3.00"	1.50"	884	1992	2876	None
2 - Trimmer - HF	3.00"	3.00"	1.50"	884	1992	2876	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 5' 9.00"	N/A	7.4		
1 - Uniform (PSF)	0 to 5' 9.00"	15' 0.00"	20.0	46.2	Roof Load - Portland, Me 60# GSL Pf - 46.2 psf - flat roof load *- 10# added dead for overframe

Weyerhaeuser Notes

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The product application, input design loads, dimensions and support information have been provided by Forte Software Operator

SUSTAINABLE FORESTRY INITIATIVE

Forte Software Operator	Job Notes
Guy Poisson Hammond Lumber (207) 495-3303 gpoisson@hammondlumber.com	Judy Novey 191 Capisic Street Portland, Me

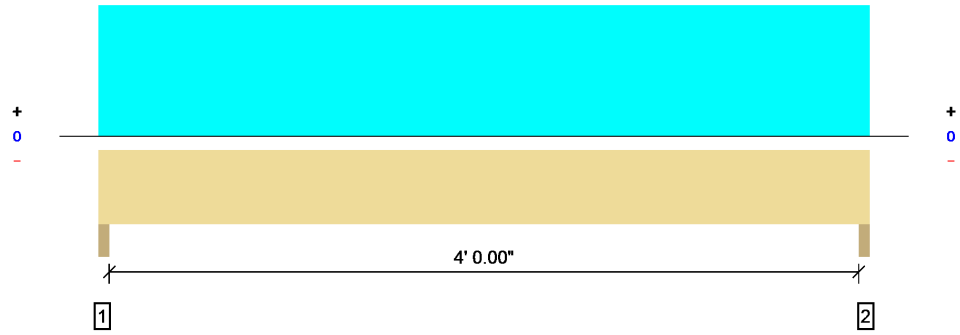
FORTE®

MEMBER REPORT *Level, Wall: Header - studio entry*

2 piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

Overall Length: 4' 6.00"



All locations are measured from the outside face of left support (or left cantilever end).All dimensions are horizontal.;Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2251 @ 1.50"	7613 (3.00")	Passed (30%)	--	1.0 D + 1.0 S (All Spans)
Shear (lbs)	1396 @ 10.25"	5544	Passed (25%)	1.15	1.0 D + 1.0 S (All Spans)
Moment (Ft-lbs)	2259 @ 2' 3.00"	8182	Passed (28%)	1.15	1.0 D + 1.0 S (All Spans)
Live Load Defl. (in)	0.030 @ 2' 3.00"	0.142	Passed (L/999+)	--	1.0 D + 1.0 S (All Spans)
Total Load Defl. (in)	0.043 @ 2' 3.00"	0.213	Passed (L/999+)	--	1.0 D + 1.0 S (All Spans)

System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Top Edge Bracing (Lu): Top compression edge must be braced at 4' 6.00" o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 4' 6.00" o/c unless detailed otherwise.

Supports	Bearing			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Snow	Total	
1 - Trimmer - HF	3.00"	3.00"	1.50"	692	1559	2251	None
2 - Trimmer - HF	3.00"	3.00"	1.50"	692	1559	2251	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 4' 6.00"	N/A	7.4		
1 - Uniform (PSF)	0 to 4' 6.00"	15' 0.00"	20.0	46.2	Roof Load - Portland, Me 60# GSL Pf - 46.2 psf - flat roof load *- 10# added dead for overframe

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SUSTAINABLE FORESTRY INITIATIVE

Forte Software Operator	Job Notes
Guy Poisson Hammond Lumber (207) 495-3303 gpoisson@hammondlumber.com	Judy Novey 191 Capisic Street Portland, Me

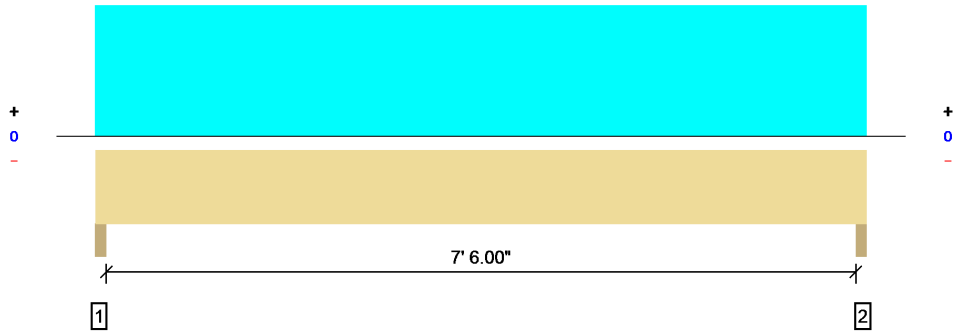
FORTE®

MEMBER REPORT *Level, Wall: Header - Bedroom window eave*

3 piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

Overall Length: 8' 0.00"



All locations are measured from the outside face of left support (or left cantilever end).All dimensions are horizontal.;Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	3416 @ 1.50"	11419 (3.00")	Passed (30%)	--	1.0 D + 1.0 S (All Spans)
Shear (lbs)	2687 @ 10.25"	8317	Passed (32%)	1.15	1.0 D + 1.0 S (All Spans)
Moment (Ft-lbs)	6412 @ 4' 0.00"	12273	Passed (52%)	1.15	1.0 D + 1.0 S (All Spans)
Live Load Defl. (in)	0.184 @ 4' 0.00"	0.258	Passed (L/504)	--	1.0 D + 1.0 S (All Spans)
Total Load Defl. (in)	0.227 @ 4' 0.00"	0.313	Passed (L/409)	--	1.0 D + 1.0 S (All Spans)

System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (5/16").
- Top Edge Bracing (Lu): Top compression edge must be braced at 8' 0.00" o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 8' 0.00" o/c unless detailed otherwise.

Supports	Bearing			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Snow	Total	
1 - Trimmer - HF	3.00"	3.00"	1.50"	644	2772	3416	None
2 - Trimmer - HF	3.00"	3.00"	1.50"	644	2772	3416	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 8' 0.00"	N/A	11.1		
1 - Uniform (PSF)	0 to 8' 0.00"	15' 0.00"	10.0	46.2	Roof Load - Portland, Me 60# GSL Pf - 46.2 psf - flat roof load

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SUSTAINABLE FORESTRY INITIATIVE

Forte Software Operator	Job Notes
Guy Poisson Hammond Lumber (207) 495-3303 gpoisson@hammondlumber.com	Judy Novey 191 Capisic Street Portland, Me

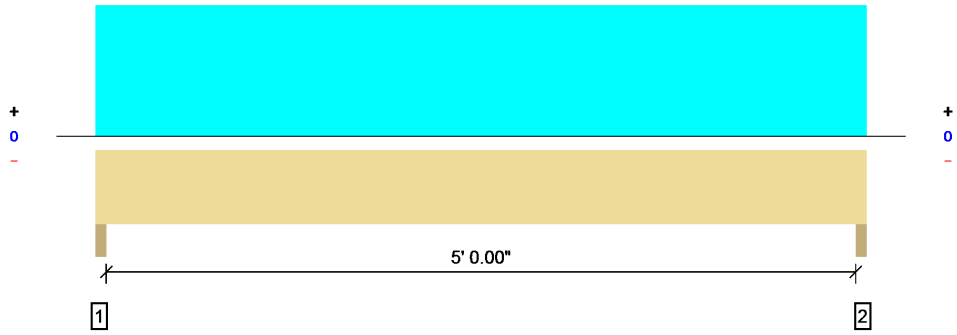
FORTE®

MEMBER REPORT *Level, Wall: Header - studio window eave*

2 piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

Overall Length: 5' 6.00"



All locations are measured from the outside face of left support (or left cantilever end).All dimensions are horizontal.;Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2339 @ 1.50"	7613 (3.00")	Passed (31%)	--	1.0 D + 1.0 S (All Spans)
Shear (lbs)	1612 @ 10.25"	5544	Passed (29%)	1.15	1.0 D + 1.0 S (All Spans)
Moment (Ft-lbs)	2930 @ 2' 9.00"	8182	Passed (36%)	1.15	1.0 D + 1.0 S (All Spans)
Live Load Defl. (in)	0.064 @ 2' 9.00"	0.175	Passed (L/982)	--	1.0 D + 1.0 S (All Spans)
Total Load Defl. (in)	0.079 @ 2' 9.00"	0.262	Passed (L/801)	--	1.0 D + 1.0 S (All Spans)

System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Top Edge Bracing (Lu): Top compression edge must be braced at 5' 6.00" o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 5' 6.00" o/c unless detailed otherwise.

Supports	Bearing			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Snow	Total	
1 - Trimmer - HF	3.00"	3.00"	1.50"	433	1906	2339	None
2 - Trimmer - HF	3.00"	3.00"	1.50"	433	1906	2339	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 5' 6.00"	N/A	7.4		
1 - Uniform (PSF)	0 to 5' 6.00"	15' 0.00"	10.0	46.2	Roof Load - Portland, Me 60# GSL Pf - 46.2 psf - flat roof load

Weyerhaeuser Notes

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The product application, input design loads, dimensions and support information have been provided by Forte Software Operator

SUSTAINABLE FORESTRY INITIATIVE

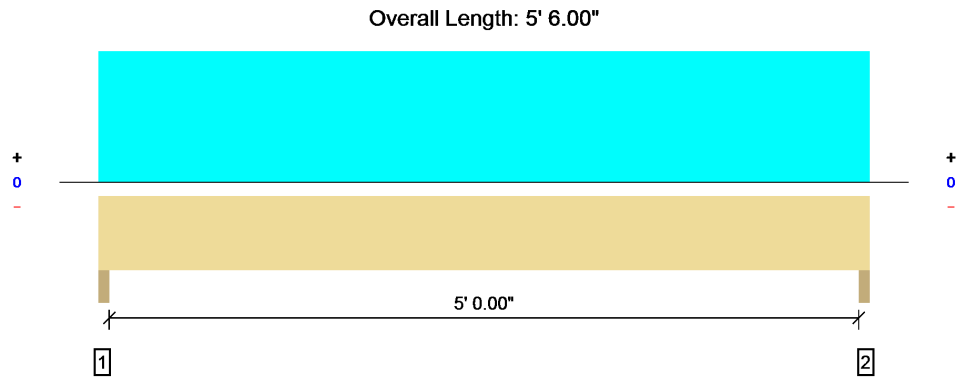
Forte Software Operator	Job Notes
Guy Poisson Hammond Lumber (207) 495-3303 gpoisson@hammondlumber.com	Judy Novey 191 Capisic Street Portland, Me

FORTE®

MEMBER REPORT *Level, Wall: Header - gable wall 5'*

2 piece(s) 2 x 8 Spruce-Pine-Fir No. 1 / No. 2

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019



All locations are measured from the outside face of left support (or left cantilever end).All dimensions are horizontal.;Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	428 @ 1.50"	3825 (3.00")	Passed (11%)	--	1.0 D (All Spans)
Shear (lbs)	295 @ 10.25"	1762	Passed (17%)	0.90	1.0 D (All Spans)
Moment (Ft-lbs)	536 @ 2' 9.00"	2070	Passed (26%)	0.90	1.0 D (All Spans)
Live Load Defl. (in)	0.000 @ 0	0.175	Passed (2L/999+)	--	1.0 D (All Spans)
Total Load Defl. (in)	0.020 @ 2' 9.00"	0.262	Passed (L/999+)	--	1.0 D (All Spans)

System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Top Edge Bracing (Lu): Top compression edge must be braced at 5' 6.00" o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 5' 6.00" o/c unless detailed otherwise.
- Applicable calculations are based on NDS.

Supports	Bearing			Loads to Supports (lbs)		Accessories
	Total	Available	Required	Dead	Total	
1 - Trimmer - HF	3.00"	3.00"	1.50"	428	428	None
2 - Trimmer - HF	3.00"	3.00"	1.50"	428	428	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Comments
0 - Self Weight (PLF)	0 to 5' 6.00"	N/A	5.5	
1 - Uniform (PLF)	0 to 5' 6.00"	N/A	150.0	Gable Wall Load

Weyerhaeuser Notes

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The product application, input design loads, dimensions and support information have been provided by Forte Software Operator

SUSTAINABLE FORESTRY INITIATIVE

Forte Software Operator	Job Notes
Guy Poisson Hammond Lumber (207) 495-3303 gpoisson@hammondlumber.com	Judy Novey 191 Capisic Street Portland, Me

Quote

Agility#:

Quote#: 702592

Boise Cascade
Building Materials
Distribution
Boise Structural Solutions

68 Industrial Park Rd
Saco Me, 04072
Tel: 877-291-5276
Fax: 877-782-0999

Customer: MEPO04 - HAMMOND LUMBER LMC 0593

300 RIVERSIDE ST
PORTLAND, ME04103

Contact: JOHN LABRIE
Email: jlabrie@hammondlumber.com
Phone: **Fax:**

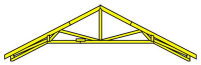
Job Name: NOVEY/191 CAPISIC ST

PORTLAND, ME

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

Prepared By:	**Date Quoted:** **Delivery Date:**	**Last Revised:**	**Price Protected Until:**
SCOTT EXT 2757	11/28/2018	11/30/2018	**12/07/2018**

ROOF TRUSSES **Designed per: IBC2015/TPI2014 Code.**

PROFILE	LBL	QTY / PLY	OVRALL LGTH / WEIGHT	NET SPAN	PITCH TOP	PITCH BOT	TYPE	SPC	OVERHANG LEFT	OVERHANG RIGHT	CUT	LOADING TLL-TDL-BLL-BDL / Heel Height Left	LOADING Heel Height Right	CANTILEVER LEFT	CANTILEVER RIGHT	BRG SIZE LEFT	BRG SIZE RIGHT		
 A702592-0001	001	8 / 1	29-06-00 / 167 lbs	29-06-00	6.00	6.00	CAMBER	24	01-00-00	01-00-00	P	46.2-10-0-10 Grnd Snow=60 / 01-04-11	01-04-11	00-00-00	00-00-00	00-03-08 / **BRG#:**	00-03-08 / 2		
 A702592-0002	002	1 / 1	29-06-00 / 213 lbs	29-06-00	6.00	6.00	GESTR	24	01-00-00	01-00-00	P	46.2-10-0-10 Grnd Snow=60 / 01-04-11	01-04-11	00-00-00	00-00-00	00-03-08 / **BRG#:**	00-03-08 / 2		

Total Weight: 1549 lbs

826−193

Report Date/Time: 11/30/2018 12:04:56 PM

Boise Cascade Building Materials Distribution
Boise Structural Solutions

68 Industrial Park Rd
Saco Me, 04072
Tel: 877-291-5276
Fax: 877-782-0999

Customer: MEPO04 - HAMMOND LUMBER LMC 0593

300 RIVERSIDE ST
PORTLAND, ME04103

Contact: JOHN LABRIE
Email: jlabrie@hammondlumber.com
Phone: Fax:

Job Name: NOVEY/191 CAPISIC ST

PORTLAND, ME

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

Prepared By:	Date Quoted:	Delivery Date:	Last Revised:	Price Protected Until:
SCOTT EXT 2757	11/28/2018		11/30/2018	12/07/2018

Quote Source: BSS PLAN TAKE OFF

Job Notes To Customer:

VERIFY PITCH 6/12 SCALED

FLAT CEILING 2'-10.1/4" ABOVE THE PLATE

1'-4.11/16" HEEL TO GET 1'-4.1/2" BETWEEN TOP OF TOP CHORD AND BOTTOM OF BOTTOM CHORD

VALLEYS ON TO EXISTING TO BE STICK FRAMED IN FIELD BY OTHERS

Plan Date:

Special Instructions For Design:

SUB-TOTAL:	
DISCOUNTS:	
GRAND TOTAL:	

** QUANTITY CHANGES WILL AFFECT PRICES.
** MAXIMUM UNLOADING TIME IS 1 HOUR.
** TRUSS SYMBOLS ARE CONCEPTUAL ONLY.
** ALL TRUSSES ARE CUSTOM BUILT AND CANNOT BE RETURNED.
** UNLESS SPECIFICALLY NOTED ON THIS QUOTE, PRICE DOES NOT INCLUDE: TREATED LUMBER, SEALED LAYOUTS, BRACING AND/OR HANDLING DRAWINGS, METAL HARDWARE, ENGINEERED WOOD (LVL, I-JOIST, ETC.), MA SOLAR-READY ZONE AREA LOADING.

APPRECIATE YOUR SUPPORT!

Holiday schedule... we will be closed Dec. 24th-25th 2018 and Jan 1st 2019.

Job	Truss	Truss Type	Qty	Ply	
702592	001	CAMBER	8	1	Job Reference (optional)

Boise Structural Solutions, Saco, ME 04072, MiTek Industries, Inc. 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Nov 30 11:45:36 2018 Page 1
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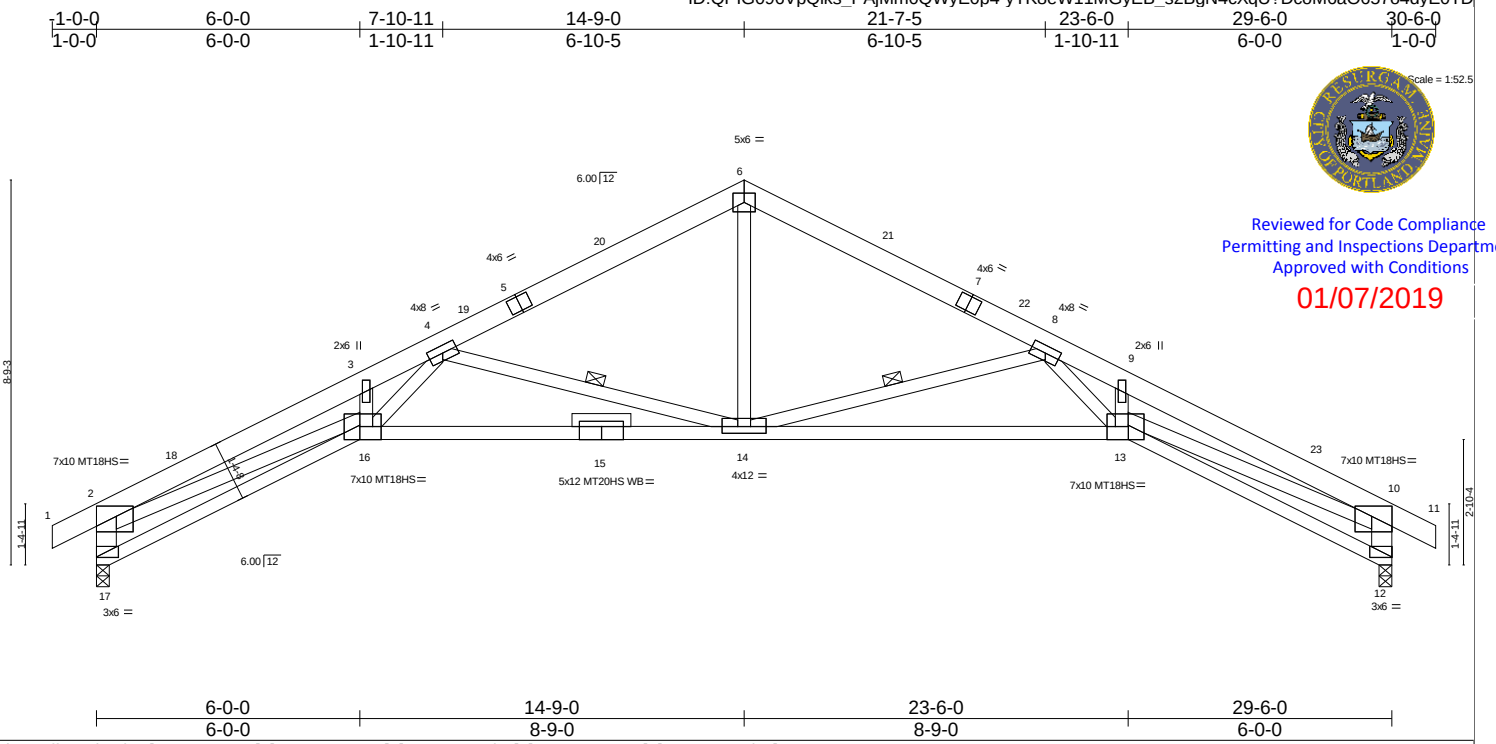

Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

Plate Offsets (X,Y)-- [2:0-4-8,0-2-12], [10:0-4-8,0-2-12], [13:0-5-12,Edge], [14:0-6-0,0-1-12], [16:0-5-12,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	46.2	Plate Grip DOL	1.15	TC	0.55	Vert(LL)	-0.65	13-14	>535	240	MT20	197/144
(Ground Snow=60.0)		Lumber DOL	1.15	BC	0.74	Vert(CT)	-1.02	13-14	>343	180	MT20HS	148/108
TCDL	10.0	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.96	12	n/a	n/a	MT18HS	197/144
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-SH							Weight: 167 lb	FT = 0%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP M 23
BOT CHORD 2x4 SPF 2100F 1.8E
WEBS 2x4 SPF 1650F 1.5E *Except*
W1,W11: 2x6 SP M 23
OTHERS 2x4 SPF-S No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-5-7 oc bracing.
WEBS 1 Row at midpt 8-14, 4-14

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 17=2061/0-3-8, 12=2061/0-3-8
Max Horz 17=-190(LC 13)
Max Uplift17=-392(LC 12), 12=-392(LC 13)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-17=-2440/615, 1-2=0/62, 2-18=-7759/1558, 3-18=-7491/1584, 3-4=-7230/1597, 4-19=-3089/566, 5-19=-3002/572, 5-20=-2922/583, 6-20=-2895/599, 6-21=-2895/599, 7-21=-2922/583, 7-22=-3002/572, 8-22=-3089/566, 8-9=-7230/1215, 9-23=-7491/1206, 10-23=-7759/1181, 10-11=0/62, 10-12=-2440/578
BOT CHORD 16-17=-458/1086, 15-16=-1107/5231, 14-15=-1107/5231, 13-14=-741/5231, 12-13=-211/1086
WEBS 6-14=-240/1819, 8-14=-2976/698, 8-13=-328/2253, 10-13=-799/5953, 4-14=-2976/858, 4-16=-546/2253, 2-16=-1099/5953, 9-13=-8/629, 3-16=-8/629

NOTES- (11)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 11-9-0, Exterior(2) 11-9-0 to 17-9-0, Interior(1) 17-9-0 to 27-6-0, Exterior(2) 27-6-0 to 30-6-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pg= 60.0 psf (ground snow); Pf=46.2 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 18.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 17, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 392 lb uplift at joint 17 and 392 lb uplift at joint 12.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Dimensions are in feet-inches-sixteenths.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
702592	002	GESTR	1	1	Job Reference (optional)

Boise Structural Solutions, Saco, ME 04072, MiTek Industries, Inc. 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Nov 30 11:47:13 2018 Page 1
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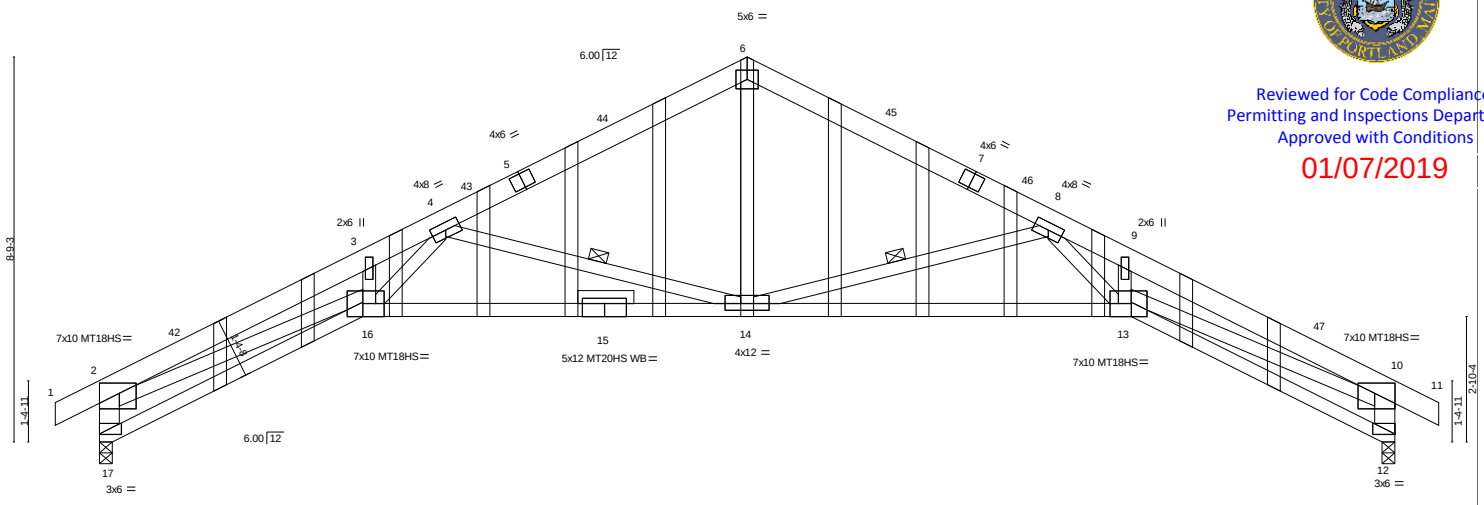
1-0-0	6-0-0	1-10-11	6-10-5	6-10-5	1-10-11	6-0-0	1-0-0

Scale = 1:52.5



Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
01/07/2019

6-0-0	14-9-0	23-6-0	29-6-0
6-0-0	8-9-0	8-9-0	6-0-0

Plate Offsets (X,Y)-- [2:0-4-8,0-2-12], [10:0-4-8,0-2-12], [13:0-5-12,Edge], [14:0-6-0,0-1-12], [16:0-5-12,Edge]

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(Ground Snow=60.0)		Lumber DOL	1.15	BC	0.74	Vert(CT)	-1.02	13-14	>343	180	MT20HS	148/108
TCDL	10.0	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.96	12	n/a	n/a	MT18HS	197/144
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-SH							Weight: 213 lb	FT = 0%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP M 23
BOT CHORD 2x4 SPF 2100F 1.8E
WEBS 2x4 SPF 1650F 1.5E *Except*
W1,W11: 2x6 SP M 23
OTHERS 2x4 SPF 1650F 1.5E *Except*
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