

	Main	Future	Apt	Main + Future	Main + Apt	All
Living Area	2334 SF	411 SF	0 SF	2745 SF	2334 SF	2745 SF
Bedrooms	3	2	0	5	3	5
Baths	2.5	0.0	0.0	2.5	2.5	2.5

<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

#### © 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

# Artform Home Plans

Dear Builders and Home Buyers,

In addition to our Terms and Conditions (the "Terms"), please be aware of the following:

This design may not yet have Construction Drawings (as defined in the Terms), and is, therefore, only available as a Design Drawing (as defined in the Terms and together with Construction Drawings, "Drawings'). It is possible that during the conversion of a Design Drawing to a final Construction Drawing, changes may be necessary including, but not limited to, dimensional changes. Please see Plan Data Explained on www.ArtformHomePlans.com to understand room sizes, dimensions and other data provided. We are not responsible for typographical errors.

Artform Home Plans ("Artform") requires that our Drawings be built substantially as designed. Artform will not be obligated by or liable for use of this design with markups as part of any builder agreement. While we attempt to accommodate where possible and reasonable, and where the changes do not denigrate our design, any and all changes to Drawings must be approved in writing by Artform. It is recommended that you have your Drawing updated by Artform prior to attaching any Drawing to any builder agreement. Artform shall not be responsible for the misuse of or unauthorized alterations to any of its Drawings.

#### Facade Changes:

- To maintain design integrity, we pay particular attention to features on the front facade, including but not limited to door surrounds, window casings, finished porch column sizes, and roof friezes. While we may allow builders to add their own flare to aesthetic elements, we don't allow our designs to be stripped of critical details. Any such alterations require the express written consent of Artform.
- Increasing ceiling heights usually requires adjustments to window sizes and other exterior elements.

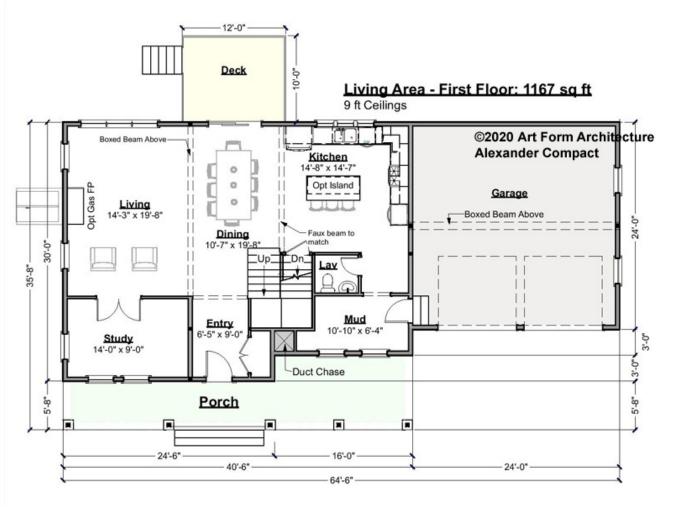
#### Floor plan layout and/or Structural Changes:

- Structural changes always require the express written consent of Artform
- If you wish to move or remove walls or structural elements (such as removal of posts, increases in house size, ceiling height changes, addition of dormers, etc), please do not assume it can be done without other additional changes (even if the builder or lumber yard says you can).

# Artform Home Plans

### **First Floor**

	Area	Beds	Baths				
Main	1167 SF	0	0.5				
Future	0 SF	1	0				
Apt	0 SF	0	0				
Total	1167 SF	1	0.5				
	Ceiling Height						
	Shown	9'-0"					
	Possible*	8'-0"					
* See Major Change information on plan page for cost							



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

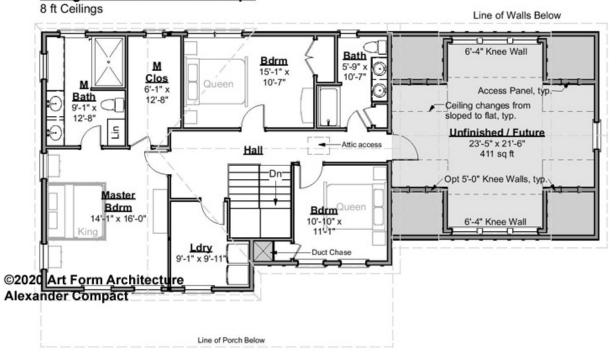
Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### Second Floor

	Area	Beds	Baths				
Main	1167 SF	3	2				
Future	411 SF	1	0				
Apt	0 SF	0	0				
Total	1578 SF	4	2				
	Ceiling Height						
	Shown	8'-0"					
	Possible*	9'-0"					
* See Major Change information on plan page for cost							

#### Living Area this Floor: 1167 sg ft



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

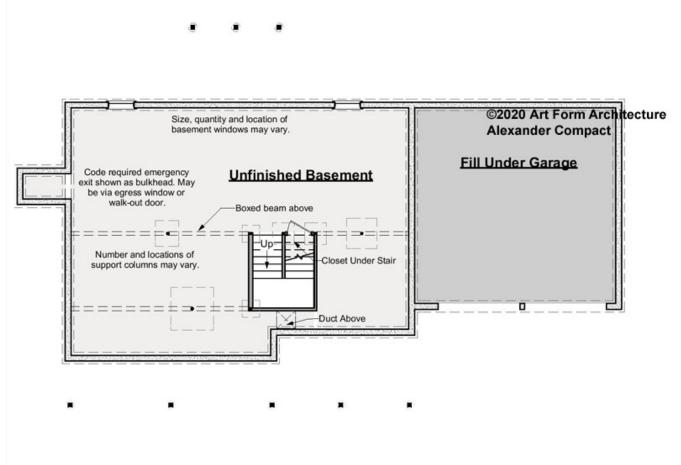
You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### **Basement Floor**

	Area	Beds	Baths			
Main	0 SF	0	0			
Future	0 SF	0	0			
Apt	0 SF	0	0			
Total	0 SF	0	0			
Ceiling Height						
	Showr	<b>ז</b> 7'-8"				
	Showr Possible*					
See Major Change info	Possible*	s 9'-0"	for cost			
* See Major Change info	Possible*	s 9'-0"	for cost			
* See Major Change info	Possible*	s 9'-0"	for cost			
* See Major Change info	Possible*	s 9'-0"	for cost			
See Major Change info	Possible*	s 9'-0"	for cost			



<u>Use of this document</u> is governed by our Terms and Conditions, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

### **Front Elevation**





<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

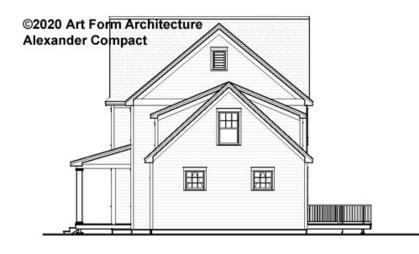
© 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### **Right Elevation**



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### **Rear Elevation**



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

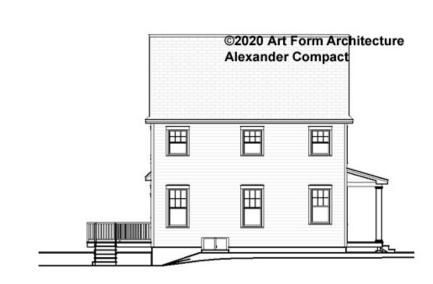
© 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans





<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2011 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

### Wall Types

#### Exterior walls 2x6 wood stud Interior walls 2x4 wood stud, unless noted otherwise

### <u>Wall Keys</u>

- (2) 2x wood studs on the flat
- (6) 2x6 wood stud wall, 16" oc
- Note: 2x4 wood stud wall, 16" oc unless otherwise noted <u>Key Notes</u>

### 30" x 22" Minimum Attic Access

 $A \setminus Panel - Insulated (RO 34" x 26")$ 

Field locate for plumbing or mechanical

#### Verify size of fixture or appliance Adjust dimensions to accommodate

Center - r Center - Place door or window centered

(SD) Smoke Detector (HD) Heat Detector

### (CO) Carbon Monoxide Detector

### **Dimensions**

#### 1. Dimensions are to face of stud, unless noted otherwise. 2. Closets are 24" clear inside, unless dimensioned otherwise.

#### Square Footages

1. Sq ft numbers are interior to room for use in calculating finishes. 2. Cabinets and fixtures not subtracted. 3. Add for doorways when floor finishes run through.

#### <u>Notes</u>

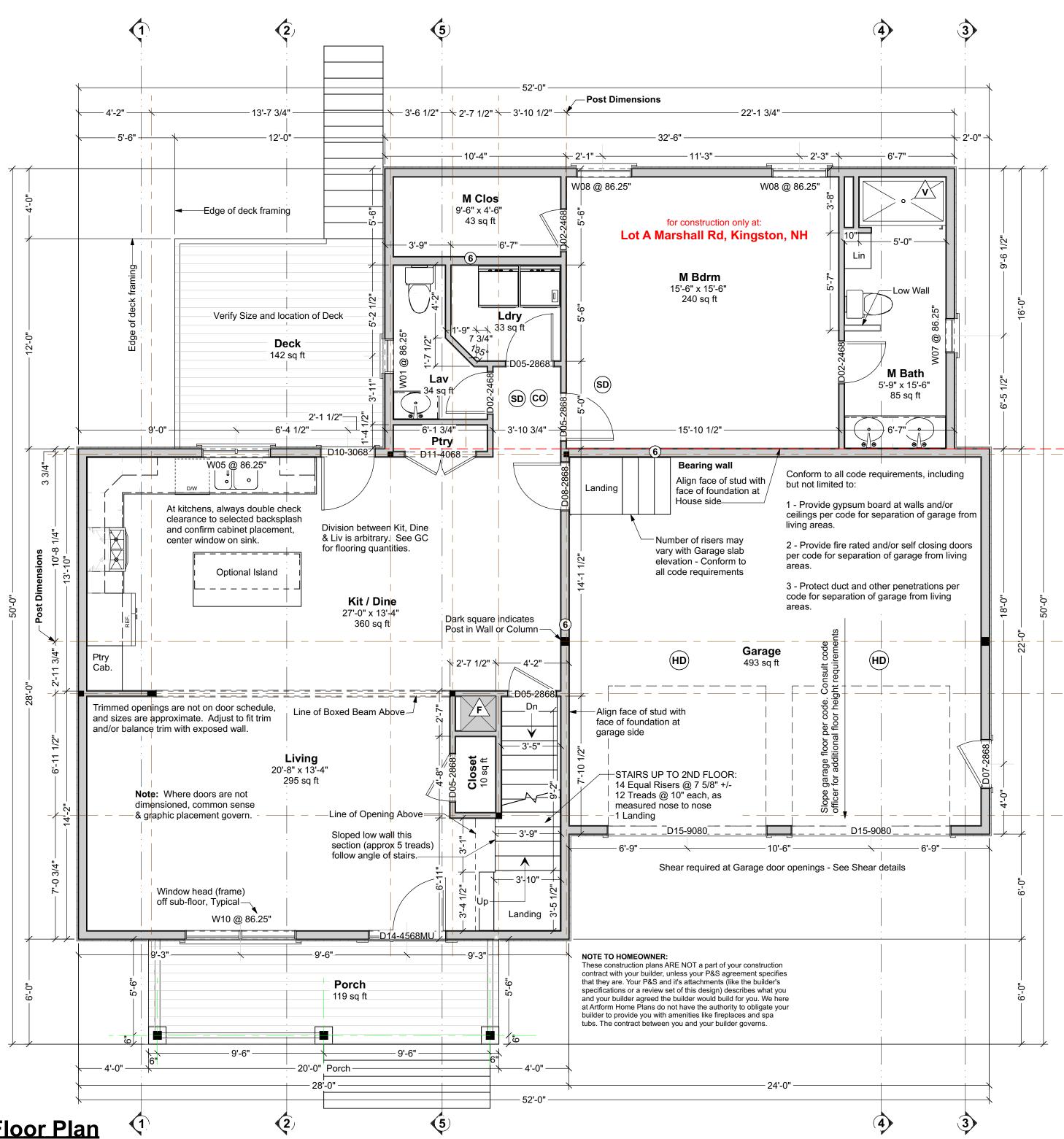
1. Exterior walls 2x6 wood stud @ 16" oc. Provide insulation & vapor barrier conforming to state or local codes. Interior sheathing 1/2" gypsum board. Provide 1/2" exterior rated sheathing, house wrap with drainage plane and siding. Provide step flashing at walls adjacent to roof planes.

2. Interior walls 2x4 wood stud @ 16" oc, unless noted otherwise.

- 3. Roof see structural for rafter sizes. Provide 5/8" exterior rated roof sheathing 15# roofing felt, ice & water shield at eaves and valleys, aluminum drip edge and asphalt shingles or metal roofing. Structure not calculated to support slate or tile. Flash all penetrations. Provide cricket at any added chimneys.
- 4. Provide roof and/or ceiling insulation per code. Provide soffit and ridge vents where required for insulation strategy. (Verify with code officer - closed cell spray foam or dense-pack cellulose installed at rafters and filling ridge and eaves generally contra-indicates venting, batt insulation always requires venting).
- 5. Provide smoke, carbon monoxide, and heat detectors where shown and where required by code and where required by local authorities.
- 6. Provide fire resistive materials where required by code, including but not limited to, firestopping at penetrations, 5/8" Type X drywall on walls and ceilings to separate garage (where garage present in design) from dwelling, and separation of dwellings (where more than one dwelling present in design), and protection of flammable insulation materials. See Table R306.6 IRC 2015.
- 7. Compliance with code requirements for rooms size and clearances, (hallway widths, room sizes, etc) assume 1/2" drywall on walls and 1/2" drywall on 3/4" strapping on ceilings. Adjust as required if materials differ.
- 8. Shear is only called out where Continuous Portal Frame will not suffice. See Section R602.10.4 (Pages 177 - 188) of the IRC 2015.

### <u>General Design Notes</u>

- 1 Builder shall consult and follow the building code and other regulations in effect for the building site for all construction details not shown in these drawings. Requirements described here are specific to this design and/or are provided as reference. Additional building code or local requirements may apply.
- 2 Builder shall maintain a safe worksite, including but not limited to, provision of temporary supports where appropriate and adherence to applicable safety standards.
- 3 Design is based on the snow load listed on the framing plans, 100 mph basic wind speed, Exposure type B, soil bearing capacity of 2000 psf, and Seismic Category C, unless otherwise noted on the framing plans. Builder shall promptly inform Artform Home Plans of differing conditions.



### <u>First Floor Plan</u>

Living Area this Floor: 1314 sq ft 8ft Finished Ceiling Height (Unless noted otherwise)

# 

# Cottage Divan Premier



### Dear Code Officer,

These are predesigned home plans, designed to bring good design and construction drawings to people at more affordable prices and faster time frames than traditional architecture. Where traditional "internet" home plans disclaim all responsibility, we split responsibility between us (Artform) and the owner. We encourage the future homeowners to use a quality builder who can assist them with this. They are responsible for thermal and moisture decisions and for meeting code in ways that a quality builder should know without an explicit detail. We are responsible for things that are directly related to the design and/or that a quality builder couldn't reasonably figure out on their own - specifically the following IRC 2015 code sections:

### 1 - Room sizes (Section R304)

2 - Ceiling Height (Section R305) 3 - Floor space & ceiling height at Toilet, Bath and Shower Spaces (Section R307)

- 4 Hallway widths (Section R311.6) 5 - Door types & sizes (Section R311.2)
- 6 Floor space in front of doors (Section R311.3)

7 - Stair width - The stairs in our designs will be a minimum of 36" wide measured wall surface to wall surface, allowing compliance with R311.7.1 with installation of correct handrail. 8 - Stairway headroom (Section R311.7.2)

9 - Stair treads and risers (Section R311.7.5)

10 - Landings for stairways (Section R311.7.6) 11 - Emergency Escape Window Sizes (Section R310.2.1, R310.2.2, R310.2.3 and R310.2.4). Casement windows may require manufacturer's emergency escape window hardware. Will also

comply with NFPA 101. 12 - Structural Floor Framing (Section R502.3) Where dimensional

lumber is shown, framing members will be sized according to this section of the code. Where engineered wood products are shown, those framing members will be size according to the manufacturer's tables for loads and spans, or sizes will have been calculating using manufacturer's published materials properties. 13 - See structural sheets for additional notes.

The builder can and should add information to this set, such as Rescheck, a hand markup of our generic thermal and moisture section, additional information about doors and windows (such as fire rating, tempering, etc), foundation drops relative to site grading, and sometimes their chosen method of basement egress. These drawings are not intended to be used without that additional information.

Where a construction address is shown on the drawings, it is for copyright control only. We have not inspected the site, adapted the design to state specific laws (except where it says so in the drawings) or site or region specific climate conditions. Homeowner and/or Builder shall be responsible for thermal and moisture control strategies, materials choices and compliance with applicable laws and ordinances.

Please do feel free to call us with any questions. We can and do update our drawings and standard notes to address specific concerns, especially in jurisdictions where our clients will be building again.

### <u>Dear Everybody,</u>

With these drawings a copyright license is granted for a single construction only at Lot A Marshall Rd, Kingston, NH. This is a License to Build, and does not include a License to Modify, except as required to conform to building code or fulfill builder's/owners responsibilities.

#### Permissible uses of these drawings:

1. All activities associated with construction at the listed address. 2. Pricing or preliminary discussions with zoning or code officials for construction at other addresses, with prior notification to Artform Home Plans - just use the Contact form on the web site http://www.artformhomeplans.com/contact.a5w

#### Not Permitted:

1. Application for any permits or other approvals for construction at properties other than the listed address, including but not limited to construction, zoning, conservation, or design review. 2. Modification of the basic design.

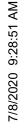
Use of these drawings outside these parameters is a violation of federal copyright law, punishable by both civil action and criminal prosecution, as it is stealing or enabling theft of "intellectual property". Making modifications to plans, even significant ones, does not change this, under copyright law, that's considered "derivative works"

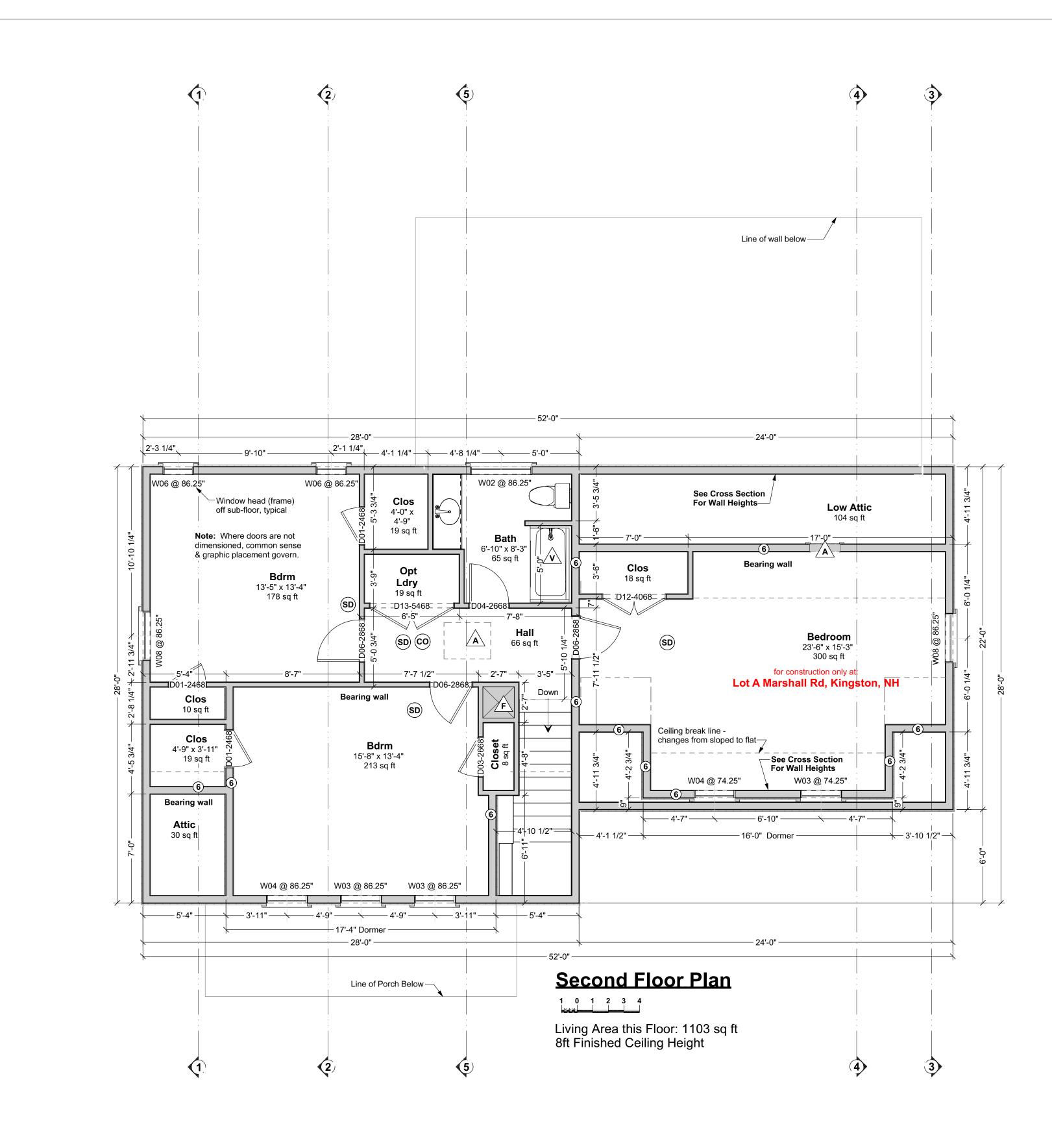
We can provide drawings suitable for use in obtaining design or zoning approvals without incurring the expense of a full set of construction drawings. Contact us for more information. AFHP CD Commons 20.2 X11 - IRC 2015

These drawings are intended for use by an experienced professional builder in responsible charge of the entire project, including but not limited to mechanical, electrical and sitework. Any additional adaptation for these trades or other trades must be determined prior to start of construction. Contact Artform for any adjustments needed.

Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

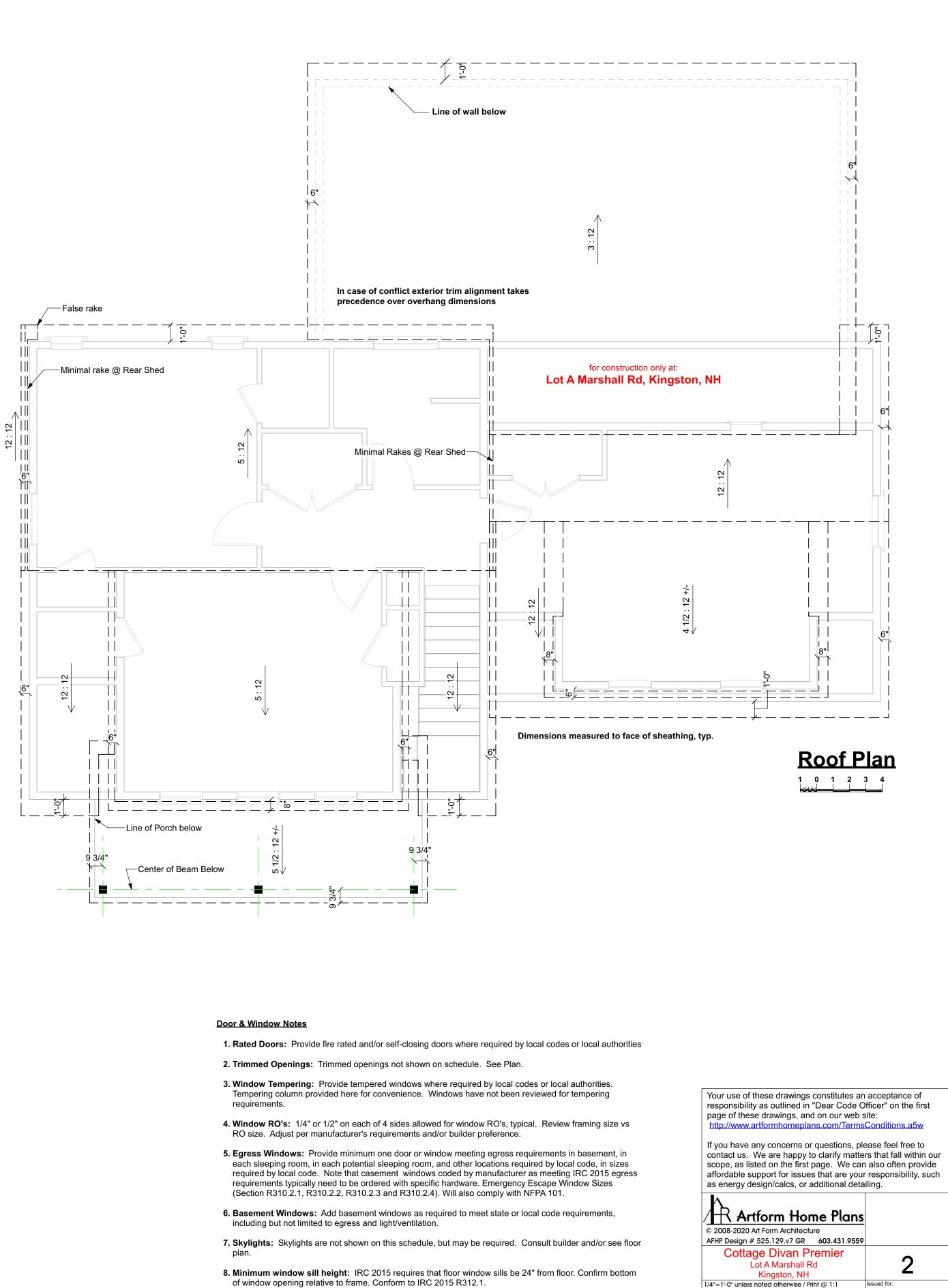
Artform Home Plans	
© 2008-2020 Art Form Architecture	
AFHP Design # 525.129.v7 GR 603.431.9559	
Cottage Divan Premier	
Lot A Marshall Rd	
Kingston, NH	l I
1/4"=1'-0" unless noted otherwise / Print @ 1:1	Issued for:
PDF created on: 7/8/2020, drawn by ACJ	Construction





				DOOR S	CHEDULE			
NUMBER	QTY	FLOOR	SIZE	WIDTH	HEIGHT	TYPE	COMMENTS	
D01	3	2	2468 L IN	28 "	80 "	HINGED		
D02	3	1	2468 L IN	28 "	80 "	HINGED		
D03	1	2	2668 R IN	30 "	80 "	HINGED		
D04	1	2	2668 L IN	30 "	80 "	HINGED		
D05	4	1	2868 R IN	32 "	80 "	HINGED		NUMBER
D06	3	2	2868 L IN	32 "	80 "	HINGED		W01
D07	1	1	2868 L EX	32 "	80 "	HINGED		W02
D08	1	1	2868 R EX	32 "	80 "	HINGED		W03
D09	1	0	2868 R EX	32 "	80 "	HINGED		W04
D10	1	1	3068 R EX	36 "	80 "	HINGED		W05
D11	1	1	4068 L/R IN	48 "	80 "	DOUBLE HINGED		W06
D12	1	2	4068 L/R IN	48 "	80 "	DOUBLE HINGED		W07
D13	1	2	5468 L/R IN	64 "	80 "	DOUBLE HINGED		W08
D14	1	1	4568	53 "	80 "	MULLED UNIT	HINGED W/ SIDELITE	W09
D15	2	1	9080	108 "	96 "	GARAGE		W10

	WINDOW SCHEDULE								
NUMBER	QTY	WIDTH	HEIGHT	R/O	EGRESS			MANUFACTURER	COMMENTS
W01	1	23 1/2 "	23 1/2 "	24"X24"			SINGLE AWNING	PARADIGM	
W02	1	47 1/2 "	17 1/2 "	48"X18"			SINGLE AWNING	PARADIGM	
W03	3	31 1/2 "	47 1/2 "	32"X48"	YES		SINGLE CASEMENT-HR	PARADIGM	
W04	2	31 1/2 "	47 1/2 "	32"X48"	YES			PARADIGM	
W05	1	47 "	41 1/2 "	47 1/2"X42"			DOUBLE CASEMENT-LHL/RHR	PARADIGM	
W06	2	23 1/2 "	47 1/2 "	24"X48"			DOUBLE HUNG	PARADIGM	
W07	1	23 1/2 "	47 1/2 "	24"X48"		YES	DOUBLE HUNG	PARADIGM	
W08	4	38 "	61 1/2 "	38 1/2"X62"	YES		DOUBLE HUNG	PARADIGM	
W09	2	38 "	61 1/2 "	38 1/2"X62"			DOUBLE HUNG	PARADIGM	
W10	1	76 "	61 1/2 "	76 1/2"X62"			2X DH	PARADIGM	



PDF created on: 7/8/2020, drawn by ACJ

Construction

### Foundation Contractor Check List

Confirm or review the following prior to forming & pouring foundation

 Initials Date Checked

 \_\_\_\_\_\_\_
 Confirmed soil bearing

 \_\_\_\_\_\_\_
 Checked w/GC for added foundation steps to suit grade

 \_\_\_\_\_\_\_\_
 Confirm sill plate thickness (foundation bolts to extend through all)

 \_\_\_\_\_\_\_\_
 Confirmed garage door size

 \_\_\_\_\_\_\_\_
 Checked w/GC for added basement windows

 \_\_\_\_\_\_\_\_
 Checked w/GC for added basement man doors

 \_\_\_\_\_\_\_\_
 Confirmed sizes & locations mech/plbg penetrations

Confirmed sizes and locations of beams w/GC, added or adjusted beam pockets
 Confirmed location and installed electrical service grounding - See GC for location

#### **Foundations**

\_\_\_\_\_

1. No footing shall be poured on loose or unsuitable soils, in water or on frozen ground.

2. All exterior footings to conform to all applicable code

requirements for frost protection.

3. All concrete shall have a minimum compressive strength of at least 3000 PSI at 28 days.

- 4. Foundation anchorage to comply with IRC 2015 Section R403.1.6, it shall consist of minimum size 1/2" diameter anchor bolts with 3/16" x 2" x 2" washers at a maximum of 72" oc for two stories or 48" oc for more than two stories, max of 12" from each corner, min of 2 bolts per wall. Anchor bolt shall extend 7" into concrete or grouted cells of concrete masonry units. Be aware that a garage under may be counted by your code officer as a story. Additional anchorage may be required at braced walls.
- 5. Foundation reinforcing steel is to be installed in accordance with all applicable provisions of IRC 2015 Section 404.1.3.2

#### **TYPICAL PERIMETER FOUNDATION WALL:**

- 8" poured concrete, 8 ft forms, min 7'-10" finished, with
- total of 3 rebar, as follows:(1) #4 rebar, 4" from top
- (1) #4 rebar @ vertical midpoint. Omit this rebar at walls 4 ft high or less.
- (1) #4 rebar, min 3" from bottom or per code
- Lap corners & splices of rebar per code.

• Secure sill to foundation with 1/2" diameter anchor bolts that extend 7" into concrete and tightened with a nut and washer @ 6' oc & max 12" from each corner & each end @ wood sill splices - if built-up sill, bolts must extend through all sill plates or straps must secure all sill plates.

#### **TYPICAL PERIMETER FOOTING:**

- 1. Use Footing chart(s) below to verify that depth of home matches chart. Depth is foundation dimension eave to eave. Contact Artform Home Plans if you believe the chart does not match the plan.
- Select row for snow load shown on the structural plans.
   Select a column for soil bearing pressure based on soil type and/or consultation with code officer.
- The required footing size is at the intersection of the Snow Load and Soil PSF. Rebar is not required. Key or pin foundation wall to footing per code.

FAQ - Adding rebar to footings does not reduce the required width. Rebar affects performance with earth movement, like an earthquake and has near zero effect on bearing capacity.

#### Guide to Soil PSF

3,000	Sandy gravel and/or gravel (GW and GP)
2,000	Sand, silty sand, clayey sand, silty gravel and clayey gravel (SW, SP, SM, SC, GM and GC)
1,500	Clay, sandy clay, silty clay, clayey silt, silt and sandy silt (CL, ML, MH and CH)

8" wall - Footing Size for 28 Ft wide house							
Snow Load	Story and	Load Bearing Value of Soil (PSF)					
	type of structure	1500 PSF	2000 PSF	3000 PSF			
50 PSF	2 Story - Plus Basement	23 x 7.5	17 x 6	12 x 6			
55 PSF	2 Story - Plus Basement	23.5 x 7.75	17.25 x 6	12 x 6			
60 PSF	2 Story – Plus Basement	24 x 8	17.5 x 6	12 x 6			
65 PSF	2 Story - Plus Basement	24.5 x 8.25	17.75 x 6	12 x 6			
70 PSF	2 Story - Plus Basement	25 x 8.5	18 x 6	12 x 6			

Snow	Story and	Load Bearing Value of Soil (PSF			
Load	type of structure	1500 PSF	2000 PSF	3000 PSF	
50 PSF	2 Story – Plus Basement	25 x 8.5	19 x 6	12 x 6	
55 PSF	2 Story – Plus Basement	25.5 x 8.75	19.25 x 6	12.5 x 6	
60 PSF	2 Story – Plus Basement	26 x 9	19.5 x 6	13 x 6	
65 PSF	2 Story - Plus Basement	26.5 x 9.25	19.75 x 6	13.5 x 6	
70 PSF	2 Story - Plus Basement	27 x 9.5	20 x 6	14 x 6	

Snow	Story and	e for 36 Ft wide house Load Bearing Value of Soil (PSF)			
Load	type of structure	1500 PSF	2000 PSF	3000 PSF	
50 PSF	2 Story - Plus Basement	27 x 9.5	21 x 7	14 x 7	
55 PSF	2 Story - Plus Basement	27.5 x 9.75	21.25 x 7	14.5 x 7	
60 PSF	2 Story - Plus Basement	28 x 10	21.5 x 7	15 x 7	
65 PSF	2 Story - Plus Basement	28.5 x 10.25	21.75 x 7	15.5 x 7	
70 PSF	2 Story – Plus Basement	29 x 10.5	22 x 7	16 x 7	

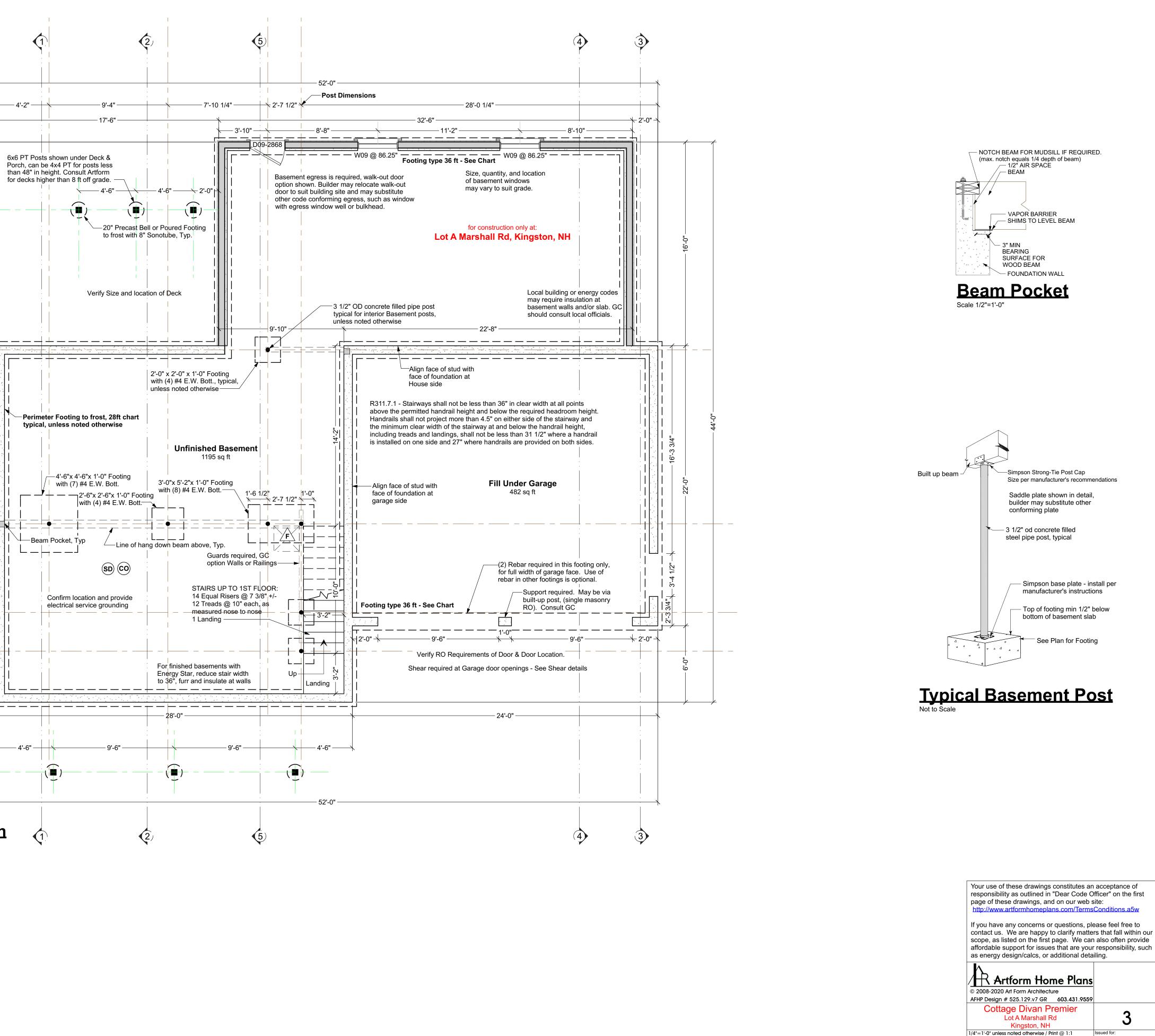
				`	<b>└</b>
		_	5'-4"		
			10'-8"		
	+	F	4	_ <b>F</b>	·
		3 3/4"			
- 0- +++		— Post Dimensions	13'-8"		
	— 28'-0" —	_	*	+ 	
			6'-11 1/2"		
		_	→ 3'-0 1/2" →	       +	
/			<u>→</u> 4'-0 1/4" → 3'-0 1/2" →		
			5'-6"	_ `	
			¥		

### **Foundation Plan**

Structure designed for Snow Load of 50 psf 1 0 1 2 3 4 Ceiling Height may vary: 8 ft forms

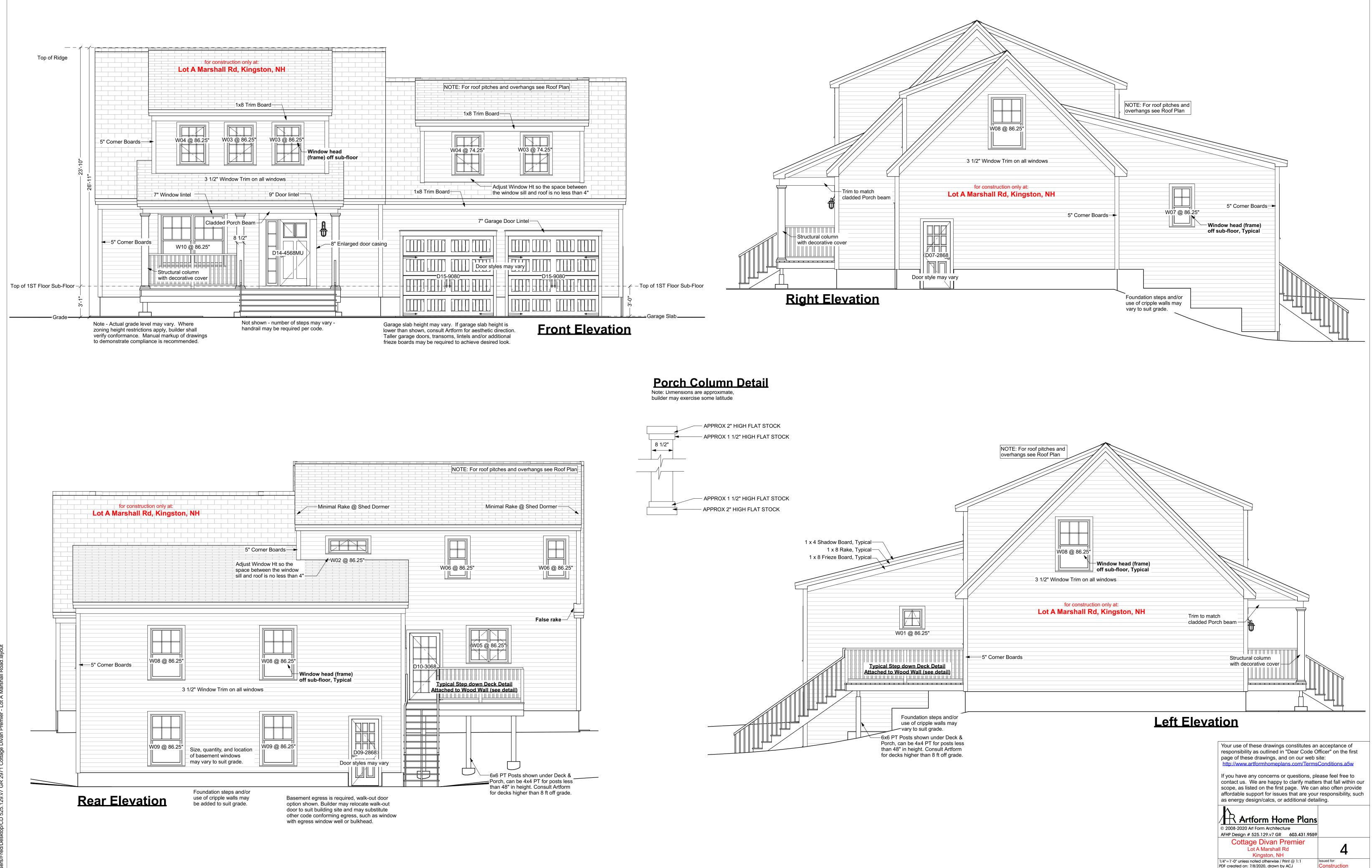
#### MINIMUM VERTICAL REINFORCEMENT FOR 8-INCH (203MM) NOMINAL FLAT CONCRETE BASEMENT WALL

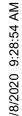
		MINIMUM VERTIC	AL REINFORCEMENT - BAR SIZE	AND SPACING (inches)
MAXIMUM UNSUPPORTED WALL HEIGHT	MIAXIMUM UNBALANCED BACKFILL HEIGHT	Soil cla	sses and design lateral soil (psf pe	er foot of depth)
(feet)	(feet)	GW, GP, SW, SP 30	GM, GC, SM, SM-SC and ML 45	SC, ML-CL and inorganic CL 60
	4	NR	NR	NR
	5	NR	NR	NR
8	6	NR	NR	6 @ 37
	7	NR	6 @ 36	6 @ 35
	8	6 @ 41	6 @ 35	6 @ 26
				•

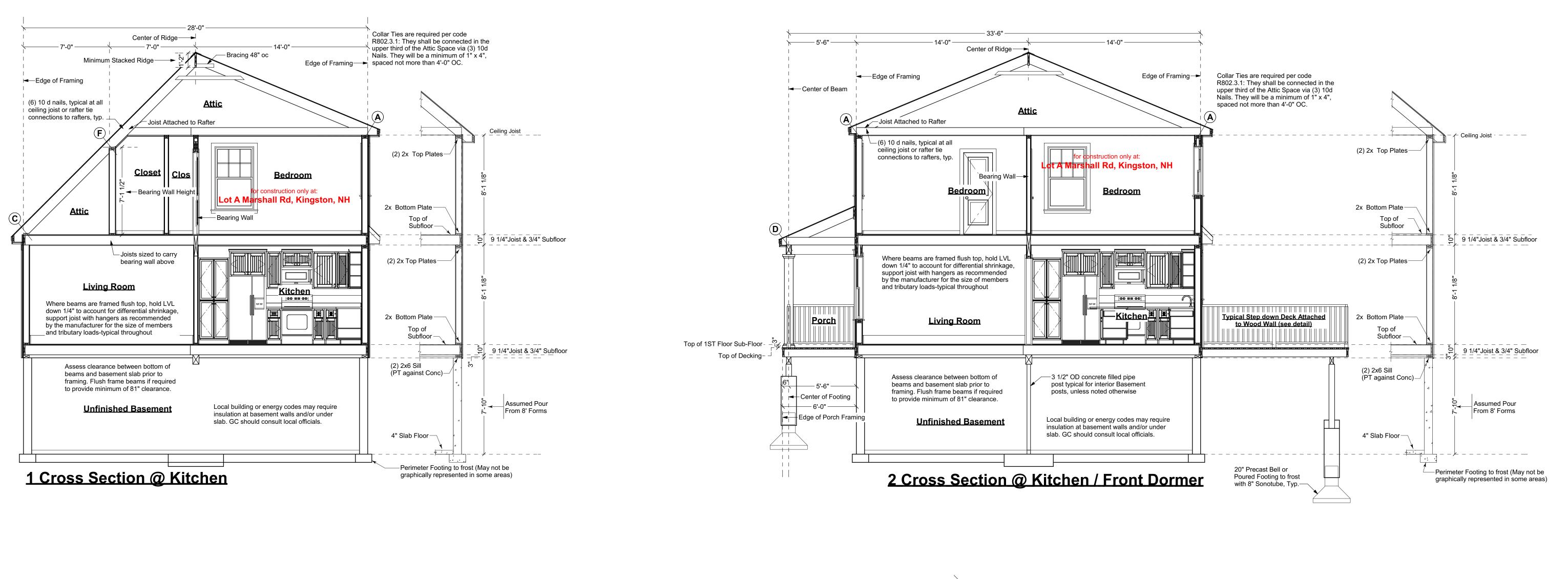


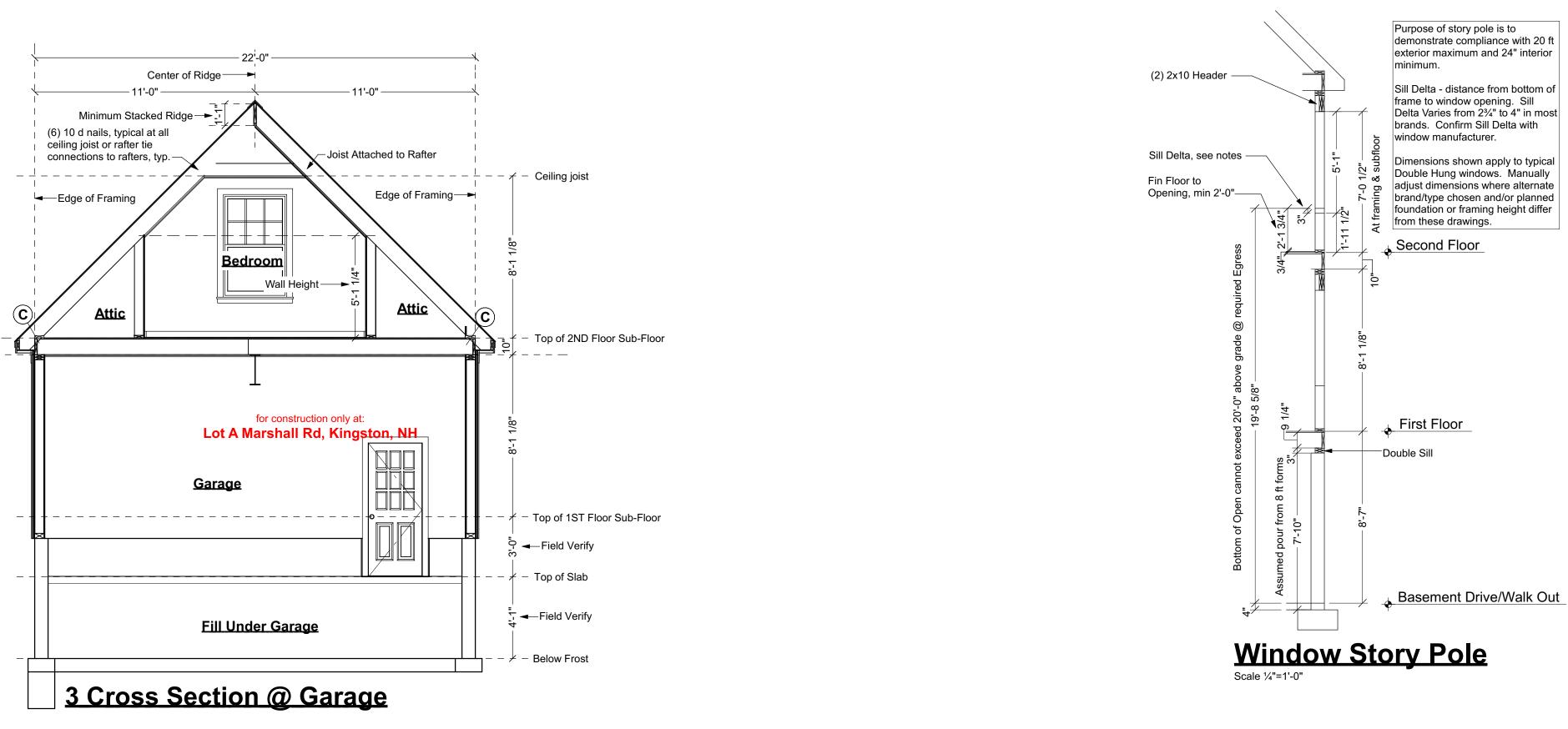
PDF created on: 7/8/2020, drawn by ACJ

Constructio





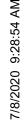


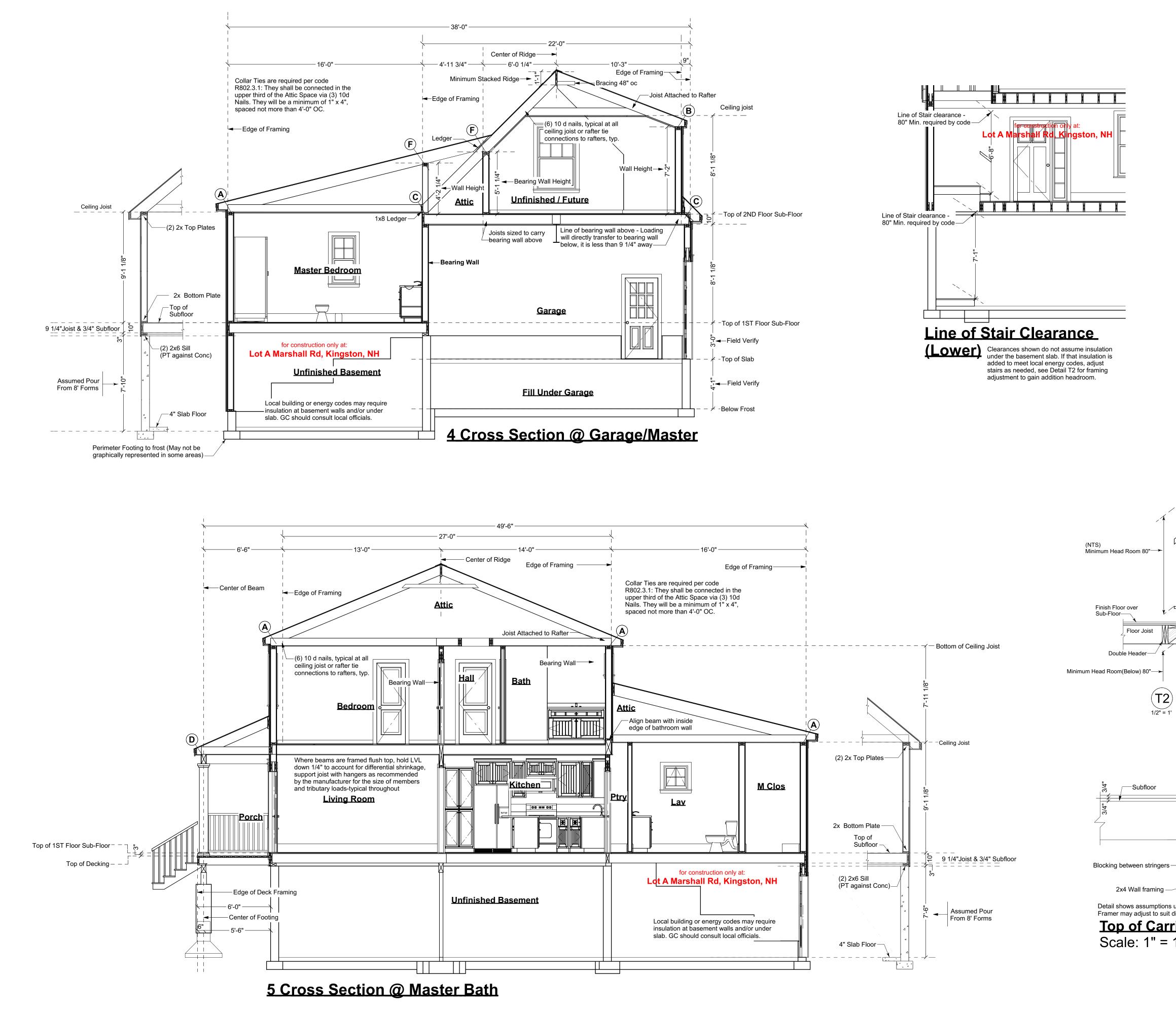


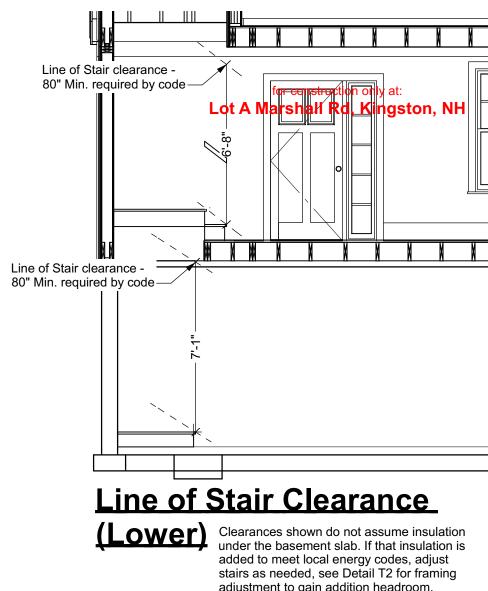
Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w If you have any concerns or questions, please feel free to contact us. We are happy to clarify matters that fall within our scope, as listed on the first page. We can also often provide affordable support for issues that are your responsibility, such as energy design/calcs, or additional detailing. Artform Home Plans © 2008-2020 Art Form Architecture AFHP Design # 525.129.v7 GR 603.431.9559 Cottage Divan Premier Lot A Marshall Rd J Kingston, NH 1/4"=1'-0" unless noted otherwise / Print @ 1:1 Issued for:

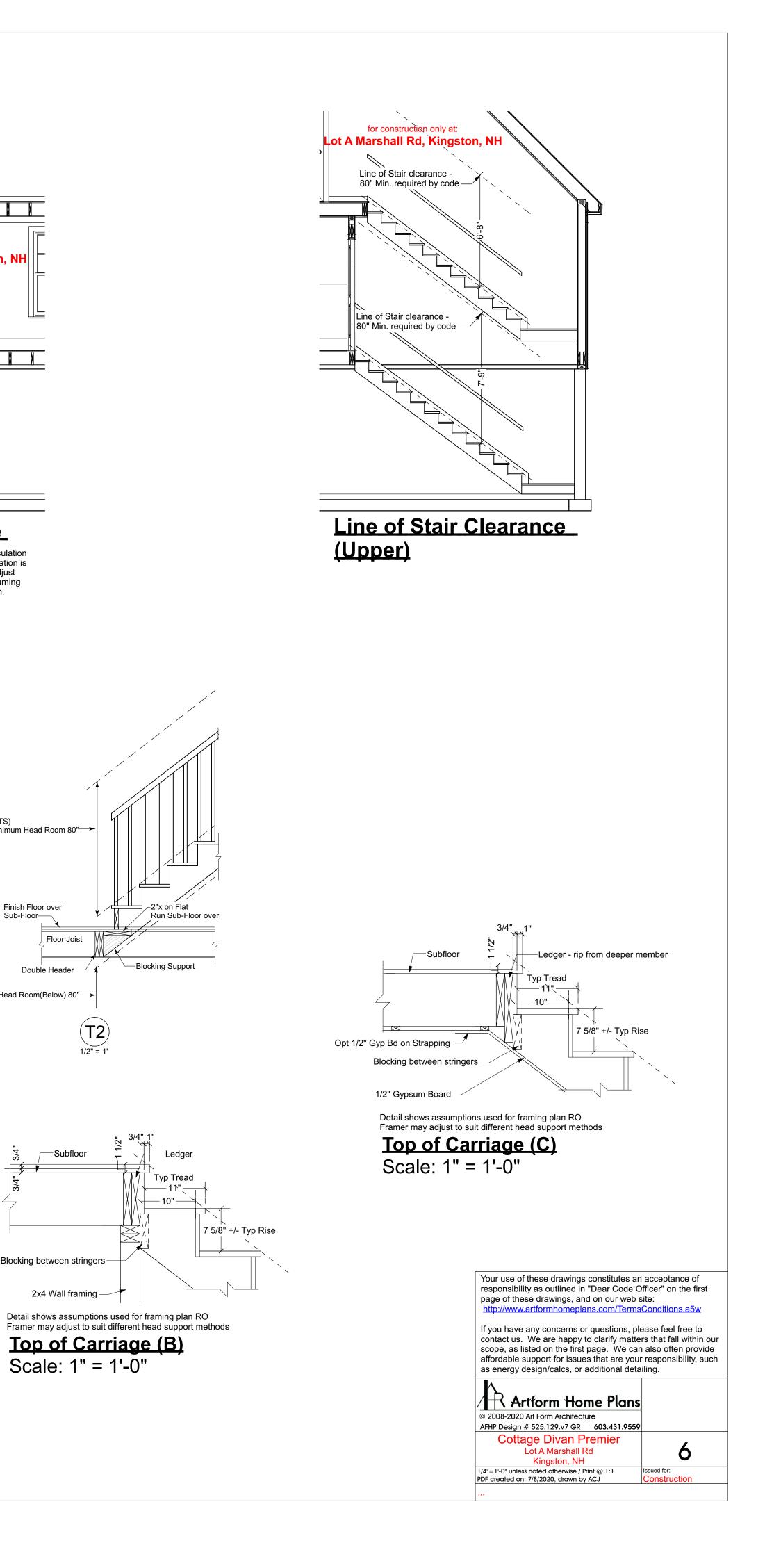
Construction

PDF created on: 7/8/2020, drawn by ACJ









#### R602.10.4 Construction methods for braced wall panels

Intermittent and continuously sheathed braced wall panels shall be constructed in accordance with this section and the methods listed in Table R602.10.4.

METHODS	, MATERIAL	MINIMUM	FIGURE	CONNECTION	CONNECTION CRITERIA <sup>a</sup>		
METHODS	, MATERIAL	THICKNESS	FIGURE	Fasteners	Spacing		
Intermittent Bracing Method	<b>PFG</b> Portal frame at garage	15/32"	+100 + 100	See Section R602.10.6.3	See Section R602.10.6.3		
Continuous	<b>CS-WSP</b> Continuously sheathed	6	$\sim$	Exterior sheathing per Table R602.3(3)	6" edges 12" field		
Sheathing Methods	sneatned wood structural panel	15/32"		Interior sheathing per Table 91.5.602.3(1) or 91.5.602.3(2)	Varies by fastener		

Method PFG: Portal frame at garage door openings shall be constructed in accordance with Figure R602.10.6.3. Note this method is allowed on either side of garage door openings.

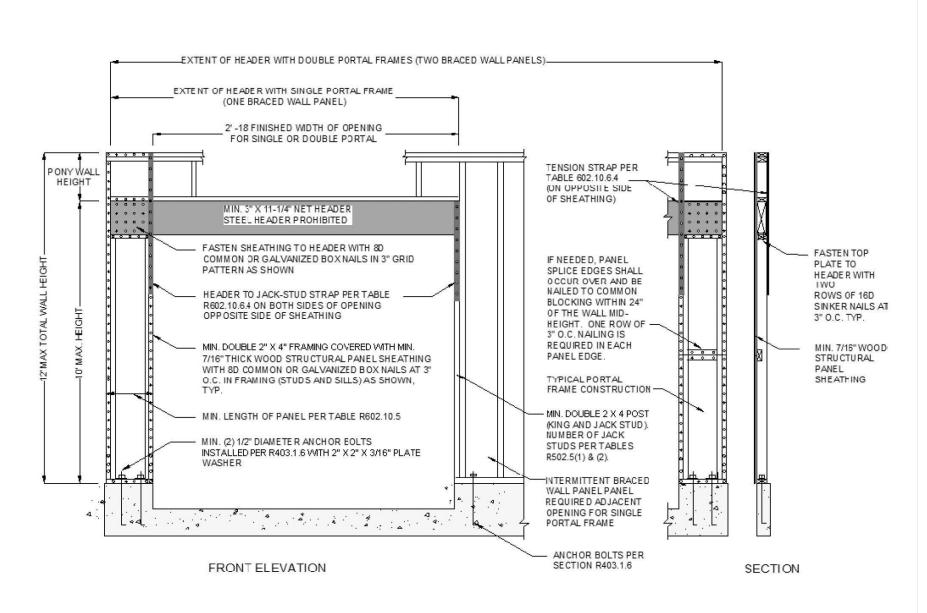


FIGURE R602.10.6.3 METHOD PFG-PORTAL FRAME AT GARAGE DOOR OPENINGS IN SEISMIC DESIGN CATEGORIES A, B AND C

				TENSION STRAP CAPACITY REQUIRED (pounds) <sup>a, b</sup>					
FRAMING NOMINAL	WALL HEIGHT	MAXIMUM TOTAL WALL HEIGHT	MAXIMUM OPENING WIDTH	Ulti	mate De	esign Wi	nd Spee	d V <sub>ult</sub> (n	nph)
SIZE AND GRADE	(feet)	(feet)	(feet)	110	115	130	110	115	130
				E	xposure	в	E	xposure	с
	0	10	18	1,000	1,000	1,000	1,000	1,000	1,050
			9	1,000	1,000	1,000	1,000	1,000	1,75
	1	10	16	1,000	1,025	2,050	2,075	2,500	JIRED         JIRED         (mph)         130         Ine C         00       1,050         00       1,050         00       1,050         00       1,750         00       3,950         00       3,950         00       3,950         00       3,950         00       3,950         00       0,07         10       3,950         00       0,07         10       0,07         10       0,07         10       0,07         10       0,07         10       0,07         10       0,07         11       0,07         12       0,07         13       0,07         14       0,07         15       0,07         15       0,07         15       0,07         15       0,07         15       0,07         15       0,07         15       0,07         15       0,07         15       0,07         15       0,07
			18	1,000	1,275	2,375	2,400	2,850	DR
			9	1,000	1,000	1,475	1,500	1,875	3,12
	2	10	16	1,775	2,175	3,525	3,550	4,125	DR
2 × 4 No. 2 Grade			18	2,075	2,500	3,950	3 <mark>,</mark> 975	DR	DR
		12	9	1,150	1,500	2,650	2,675	3,175	DR
	2		16	<mark>2,875</mark>	3,375	DR	DR	DR	DR
			18	3,425	3,975	DR	DR	DR	DR
		12	9	2,275	2,750	DR	DR	DR	DR
	4	12	12	3,225	<mark>3,77</mark> 5	DR	DR	DR	DR
			9	1,000	1,000	1,700	1,700	2,025	3,050
	2	12	16	1,825	2,150	3,225	3,225	3,675	DR
2 v 6 chud carda			18	2,200	2,550	3,725	3,750	DR	It       Itic         Itic       Itic         Itic
2 × 6 Stud Grade		8	9	1,450	1,750	2,700	2,725	3,125	DR
	4	12	16	2,050	2,400	DR	DR	DR	UIRED         t
			18	3,350	3,800	DR	DR	DR	DR

a. DR = Design Required.

b. Straps shall be installed in accordance with manufacturer's recommendations.

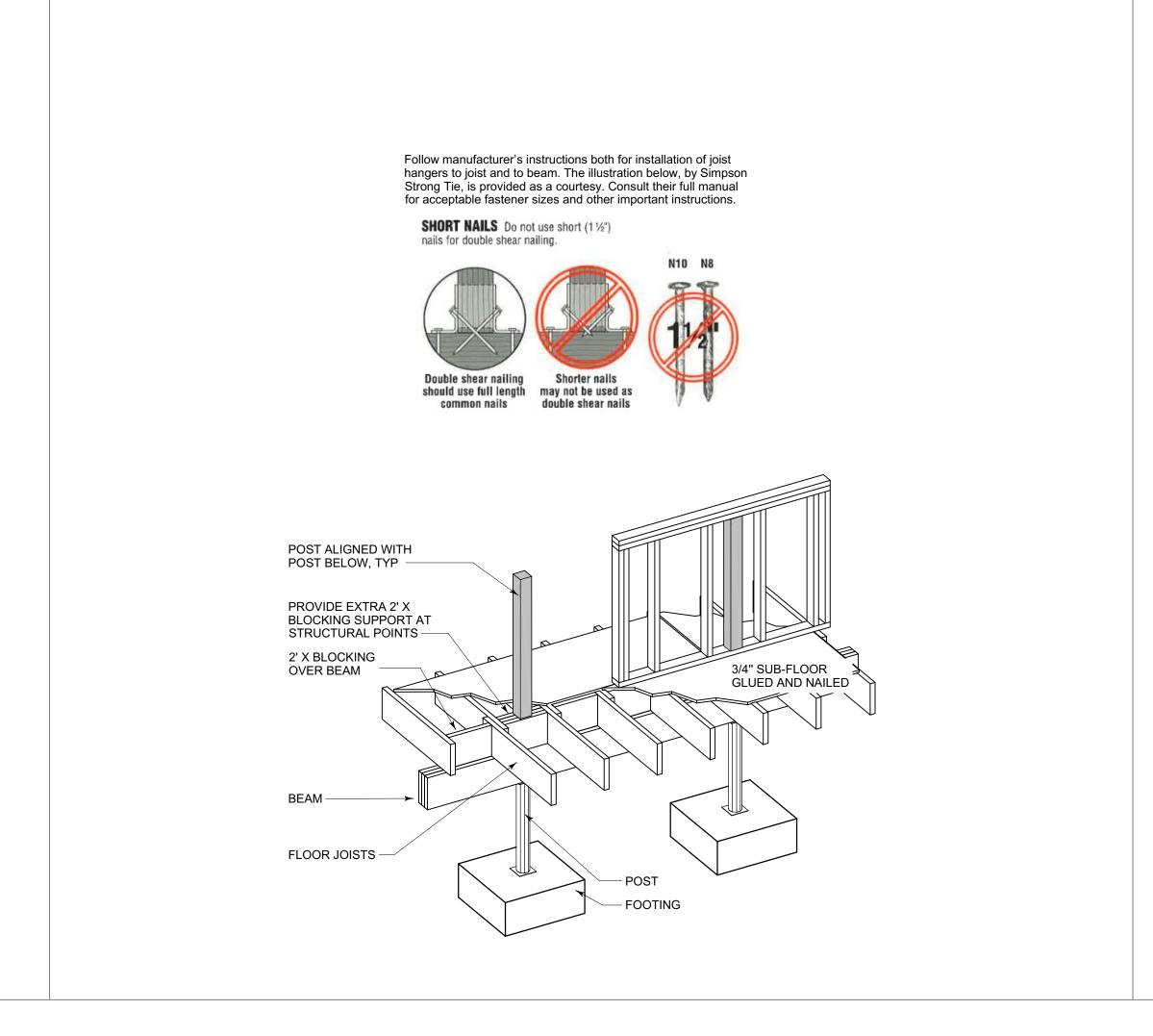
Not to Scale

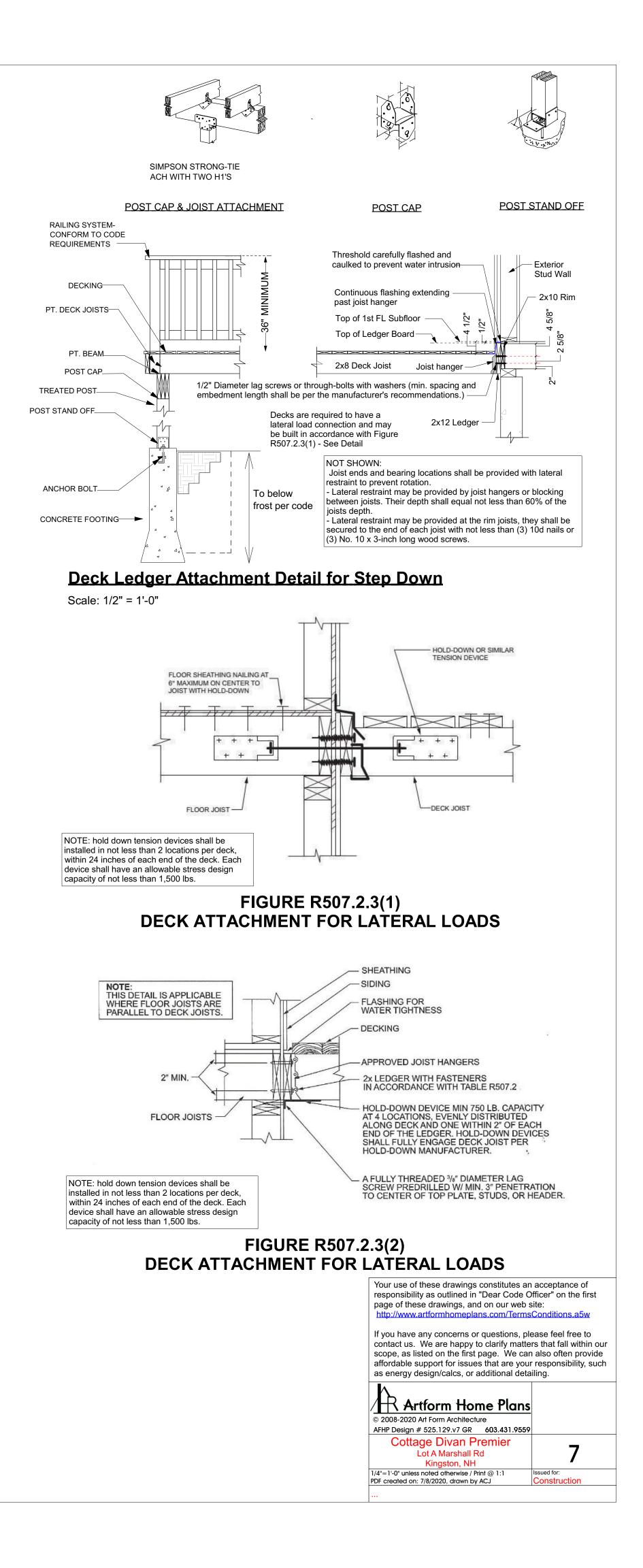
### Shear Wall Details

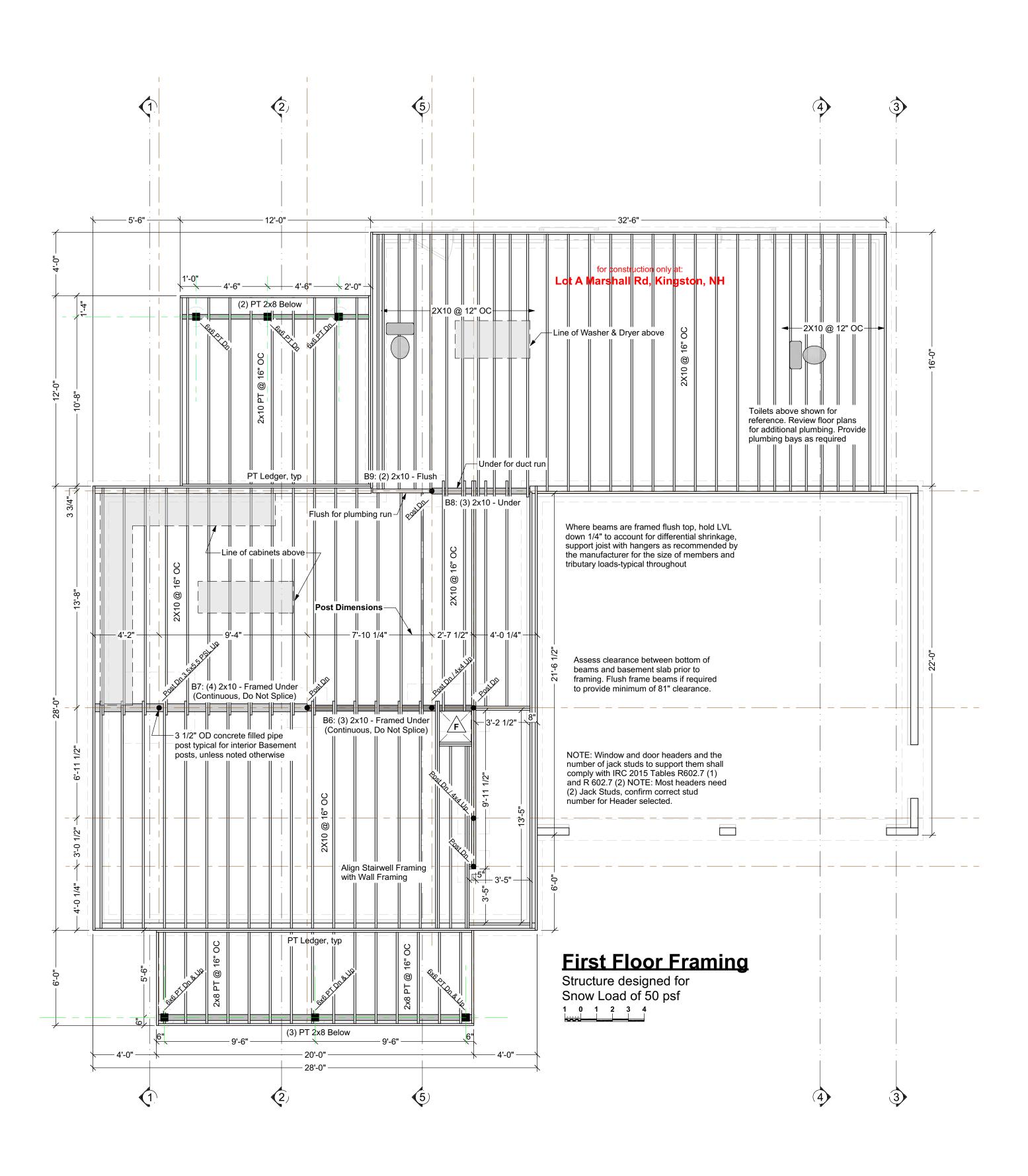
### Notes:

• See plans for locations where shear panels are required.

- Details shown here are for one method and for typical conditions. An alternate shear method allowed per code or approved by the code officer may be substituted.
- Note that if sheathing is to be used as wall bracing all vertical joints in required braced wall panels must be blocked. [2015 IRC section R602.10.10]







O
 St
 W
 St
 ar
 2. W
 of
 wa
 3. Fr
 ar
 fra
 4. In
 iss
 ha

Wood Framing Notes:

1. All structural wood shall be identified by a grade mark or certificate of inspection by a recognized inspection agency.

2. Structural wood shall be Spruce-Pine-Fir (SPF) #2 or better.

- When used, LVL or PSL indicate Laminated Veneer Lumber or Parallel Strand Lumber, respectively. Products used shall equal or exceed the strength properties for the size indicated as manufactured by TrusJoist.
- 4. When used, TJI indicates wood I-joists as manufactured by TrusJoist. Products of alternate manufacturers may be substituted provided they meet or exceed the strength properties for the member specified.
- All floor joists shall have bridging installed at mid-span or at 8'-0" oc maximum.
- Floor systems are designed for performance with subfloor glued and screwed.
- 7. Per code R502.6.1 Floor joists splicing over bearing walls allowed, shall lap a min 3" over walls and shall be nailed together with a minimum of (3) 10d face nails. Also permitted is a wood or metal splice with strength equal to or greater than that provided by the nailed lap.
- 8. Per code R802.3.2 Ceiling joists splicing over bearing walls is allowed, shall lap a min 3" or butted over bearing partitions or beams and toenailed to the bearing member. Where ceiling joists are used to provide resistance to rafter thrust, lapped joists shall be nailed together in accordance with Table R802.5.1(9), and butted joists shall be tied together in a manner to resist such thrust. Joists that do not resist thrust shall be permitted to be nailed together in accordance with Table R602.3(1).
- 9. Provide blocking in the floor at structural points. Blocking may be 2x's or solid, but must have grain of wood vertical.
- 10. All wood permanently exposed to the weather, in contact with concrete or in contact with the ground shall meet code requirements for wood in these environments.
- 11. Deck ledgers shall be securely attached to the structure and/ or independently supported. Deck lateral load connection required see IRC 2015 Section R507.2.4
- 12. Wherever beams are noted as Flush framed, install joist hangers at all joists, sized appropriately for the members being connected.
- 13. Support the lower end of roof beams via minimum 2" horizontal bearing on a post, ledger or via an appropriately sized and configured hanger.
- 14. The ends of each joist, beam or girder shall have not less than 1.5" of bearing on wood or metal and not less then 3" on masonry or concrete except where supported on a 1" x 4" ribbon strip and nailed to the adjacent stud or by the use of approved joist hangers.
- 15. Post caps where required are typically calculated by supplier using weights based on these framing plans. Contact Art Form if additional information is needed.
- 16. Hangers, post caps, post bases, ties and other connectors shall be as manufactured by Simpson Strong Tie, as designed to connect the members shown, and shall be installed per manufacturer's instructions.
- Prefabricated Wood Trusses
- 1. Where trusses are indicated on the drawings, truss design shall be provided by truss manufacturer.
- 2. Trusses shall be designed in accordance with applicable provisions of the latest edition of the National Design Specifications for Wood Construction (NDS), American Forst and Paper Association (APA), and Design Specifications for Metal Plate Connected Wood Trusses (ANSI/TPI 1), Truss Plate Institute (TPI) and code of jurisdiction.
- 3. Manufacturer shall furnish design drawings bearing seal and registration number of a structural engineer licensed in the state where project will be built.

<u>Built-up Beams:</u>

Unless otherwise noted, connect multiple 1 3/4" ply beams as follows: 3 ply & up, fasteners are per side

#### (2) 9 1/4" LVL: • Flush framed

(2) rows 3 3/8" TrussLock @ 24" oc, or
 (2) rows SDS 1/4x3 1/2 @ 24" oc
 Framed under (2) rows 10d nails @ 24" oc

### <u>(2) 11 1/4" LVL:</u>

Flush framed

 (2) rows 3 3/8" TrussLock @ 19.2" oc, or
 (2) rows SDS 1/4x3 1/2 @ 19.2" oc

 Framed under (2) rows 10d nails @ 24" oc

#### (2) 16" LVL or greater: • Flush framed

(3) rows 3 3/8" TrussLock @ 19.2" oc, or
(3) rows SDS 1/4x3 1/2 @ 19.2" oc
Framed under (2) rows 10d nails @ 24" oc

#### <u>(3) 9 1/4" LVL:</u>

Flush framed

 (2) rows 3 3/8" TrussLock @ 19.2" oc, or
 (2) rows SDS 1/4x3 1/2 @ 19.2" oc

### • Framed under (2) rows 10d nails @ 24" oc (3) 11 1/4" LVL:

#### Flush framed

(2) rows 3 3/8" TrussLock @ 16" oc, or
 (2) rows SDS 1/4x3 1/2 @ 16" oc
 Framed under (2) rows 10d nails @ 24" oc

### (3) <u>14" LVL:</u>

Flush framed

 (3) rows 3 3/8" TrussLock @ 16" oc, or
 (3) rows SDS 1/4x3 1/2 @ 16" oc

 Framed under (2) rows 10d nails @ 24" oc

### (3) <u>16" LVL or greater</u>:

Flush framed

(3) rows 3 3/8" TrussLock @ 16" oc, or
 (3) rows SDS 1/4x3 1/2 @ 16" oc
 Framed under (2) rows 10d nails @ 24" oc

### <u>(4) 9 1/4" LVL:</u>

Flush framed

 (2) rows 5" TrussLock @ 16" oc, or
 (2) rows SDS 1/4x6 @ 16" oc

• Framed under (2) rows 10d nails @ 24" oc

#### (4) 11 1/4" LVL: • Flush framed

○ (2) rows 5" TrussLock @ 16" oc, or
 ○ (2) rows SDS 1/4x6 @ 16" oc

• Framed under (2) rows 10d nails @ 12" oc (4) 16" LVL or greater:

#### Flush framed

(3) rows 5" TrussLock @ 16" oc, or
(3) rows SDS 1/4x6 @ 16" oc
Framed under (2) rows 10d nails @ 12" oc
Beam Substitutions:

(2) 9 1/4" LVL may replace a double or triple 2x10 beam. No other substitutions are allowed. Conventional lumber beams MAY NOT be substituted for LVL beams by any "rule of thumb". Substitutions must be calculated by either Artform or a structural engineer. If calculated by a structural engineer, provide stamped plans and/or calculations.

We specify LVL beams as built up members to allow framers to use existing stock. You may substitute single piece LVLs of equivalent overall size for built-up members, unless otherwise noted.

### Built-up members MAY NOT replace single piece LVL's where specified.

Where a beam of 1 3/4" or less in width is specified as framed under, either brace at 48" or double member for lateral stability.

Notes: Beam & Joist Sizing

 Our beams sizes often differ from prescriptive code, because our designs are rarely the old style box colonial or cape with a center bearing wall upon which prescriptive code is based. We size our beams via calculations for this specific design, which may carry those loads separately via second floor beams and/or roof transfer beams. Beam or joist sizes, types and/or spacing may not be reduced or alternates substituted without our express permission.

2. Walls intended to be bearing are labeled as such. This information is provided to aid code officer in understanding the framing. It does not indicate permission to add loads to those walls, or any other walls.

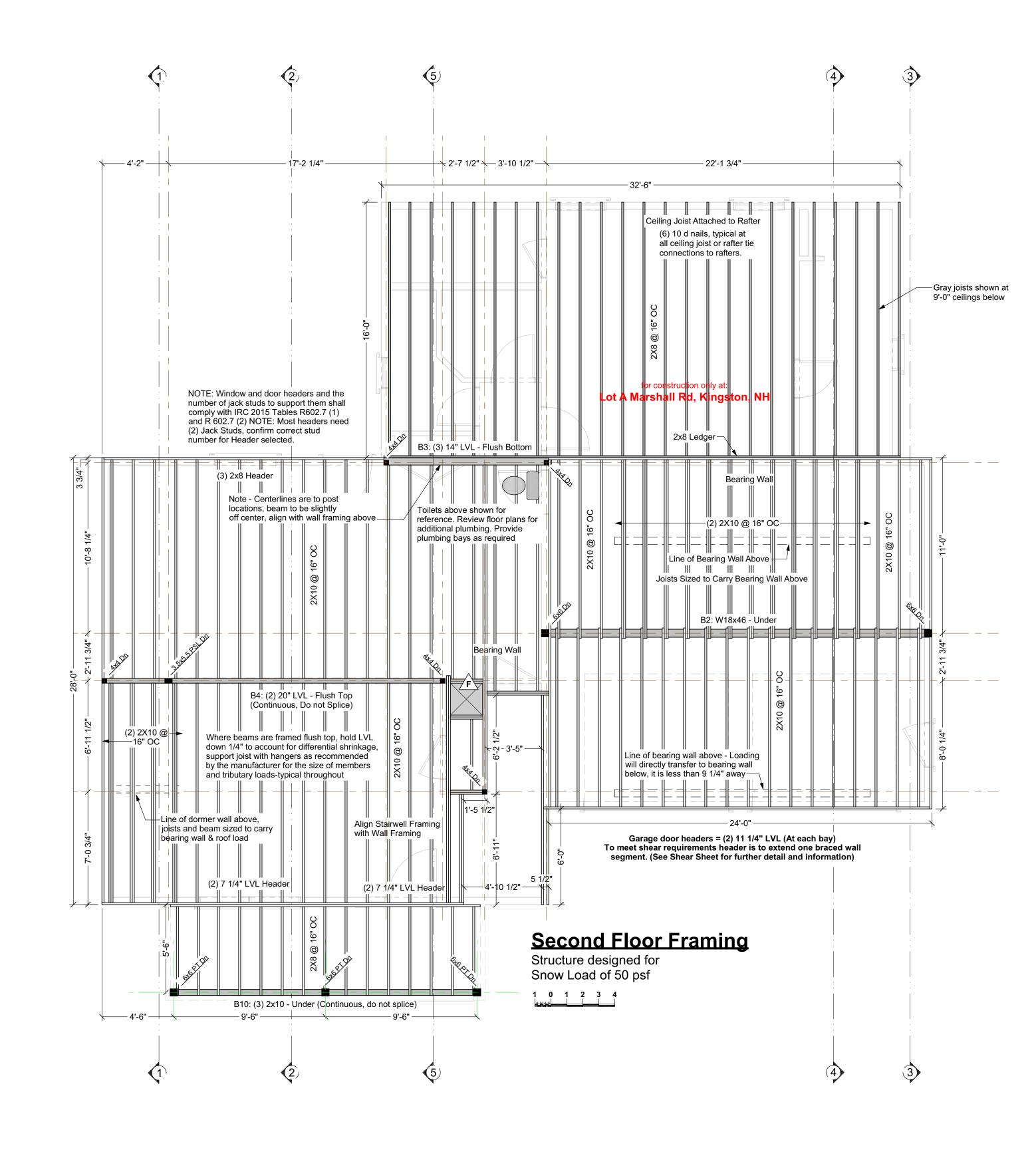
3. Framing is sized for normal residential conditions. Contact Artform if additional loads are anticipated, including but not limited to waterbeds, large fish tanks, indoor hot tubs, multiple framed soffits or coffers.

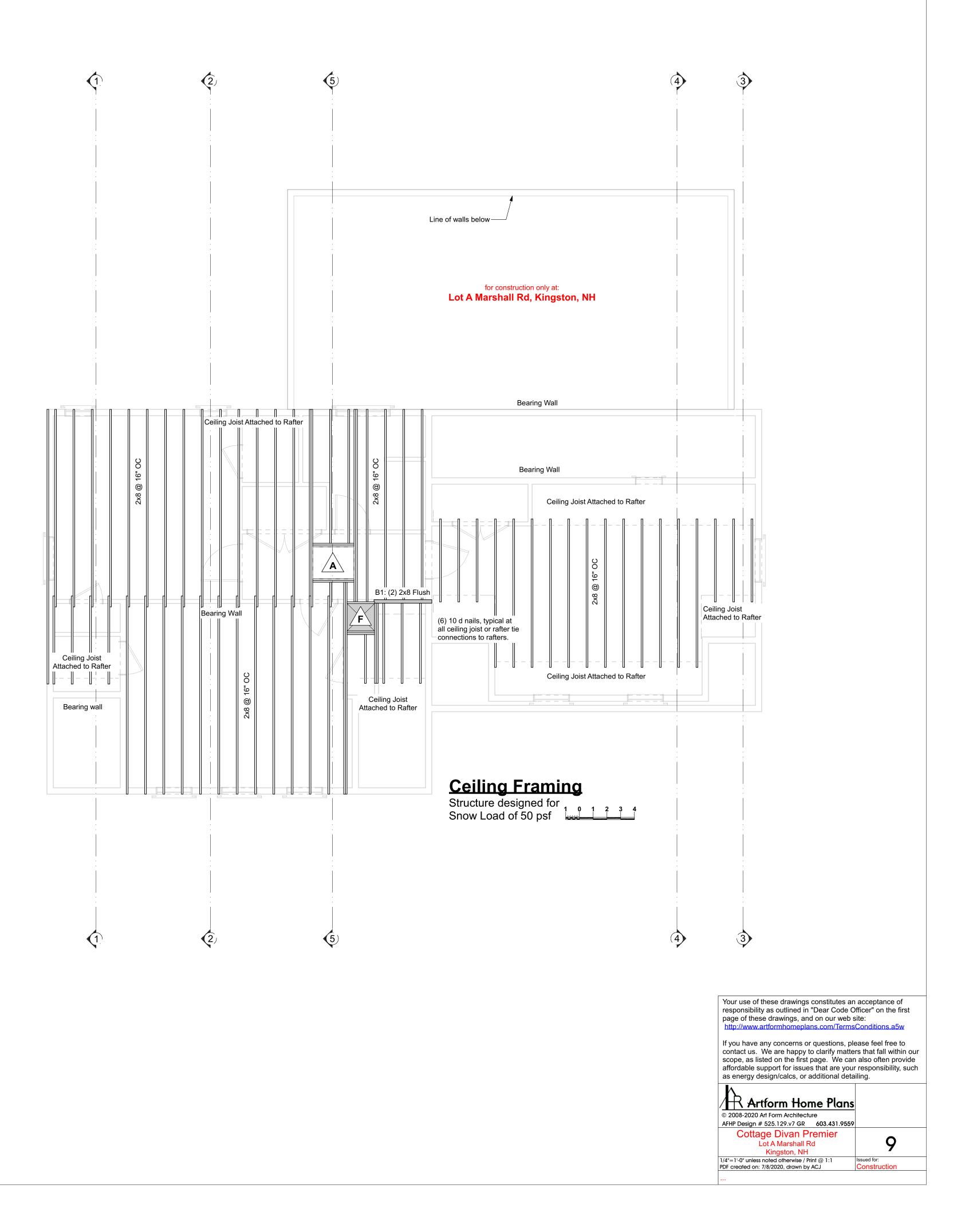
4. In states where the designer is a licensed architect, (NH, MA, ME, CT & NY as of the date of issue) we are happy to stamp our drawings at no additional charge. In other states we are happy to provide calculations. Administration fees apply with provision of calculations. Code officer is encouraged to call with any questions about our methodology.

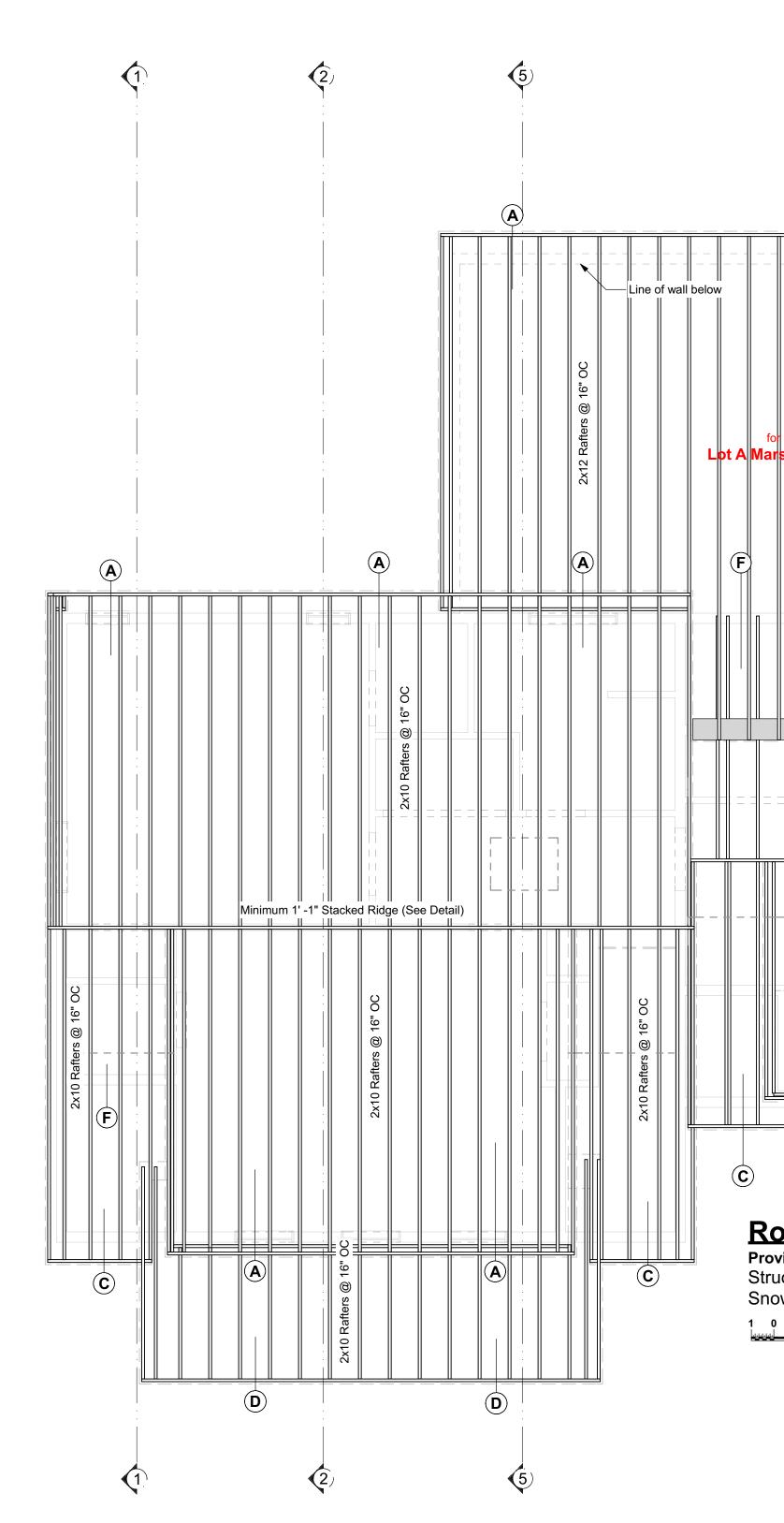
Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

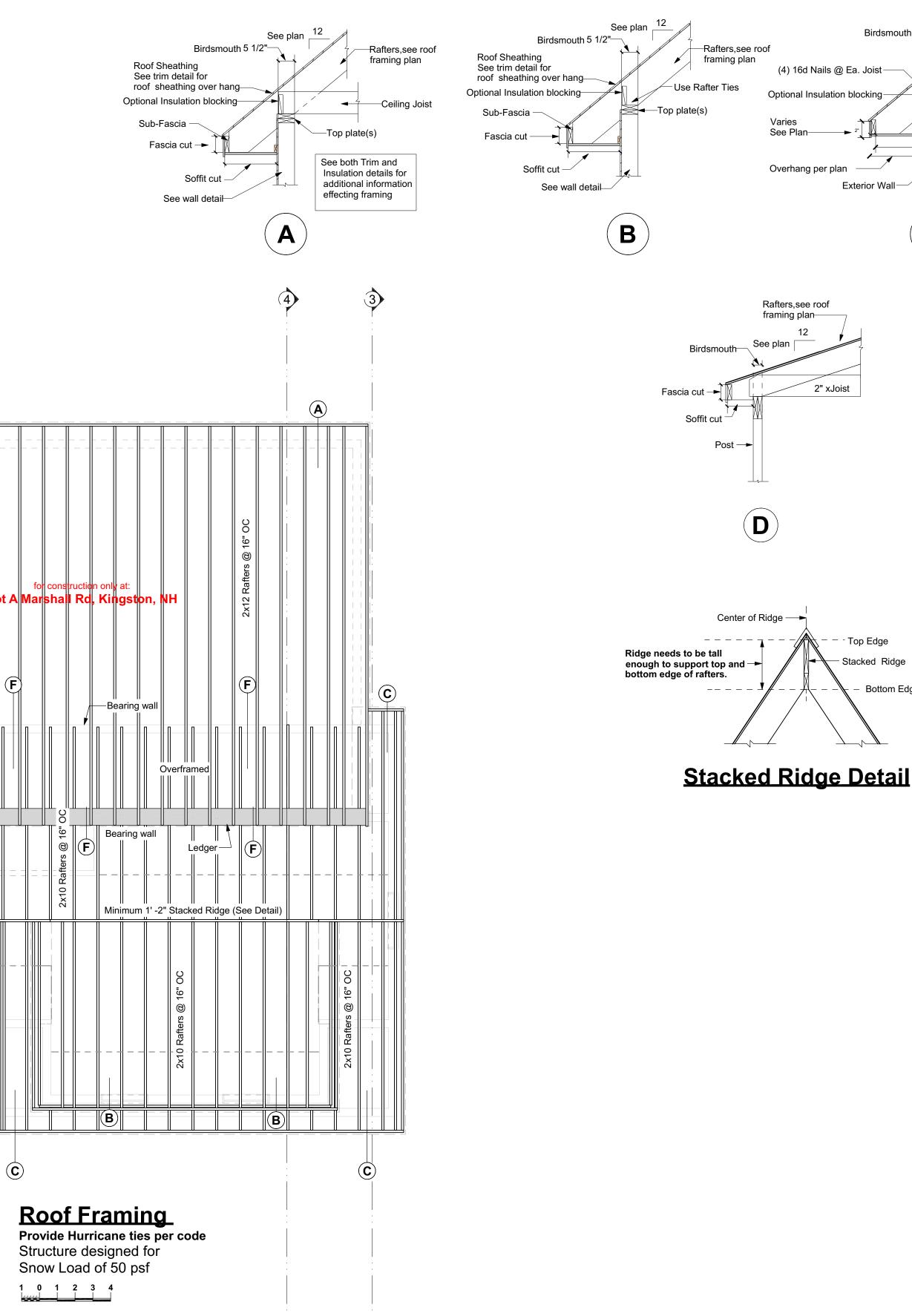
Artform Home Plans	
© 2008-2020 Art Form Architecture AFHP Design # 525.129.v7 GR 603.431.9559	
Cottage Divan Premier Lot A Marshall Rd	8
Kingston, NH           1/4"=1'-0" unless noted otherwise / Print @ 1:1           PDF created on: 7/8/2020, drawn by ACJ	Issued for: Construction

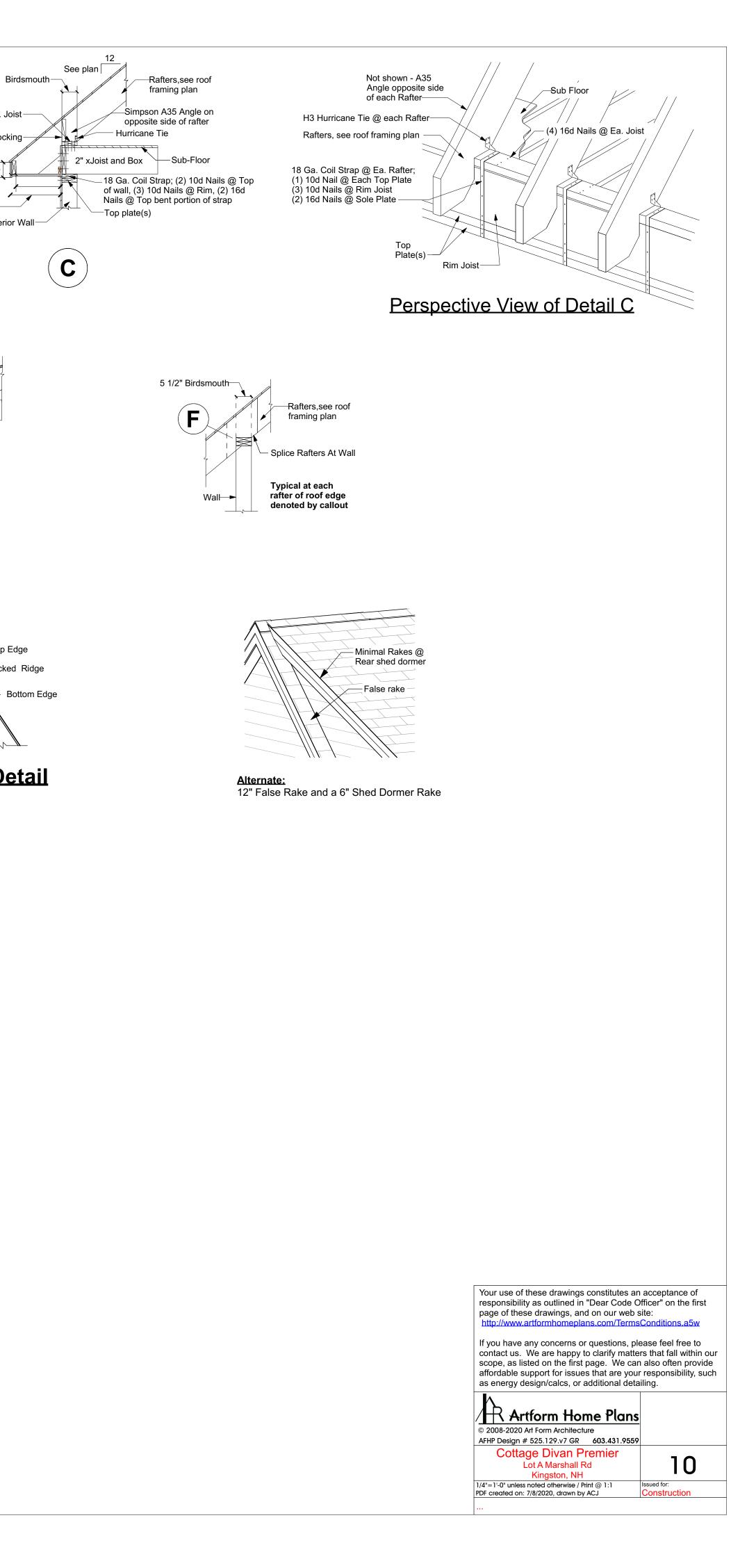
/2020 9:28:56 AN











### <u>Wall Types</u>

Exterior walls 2x6 wood stud Interior walls 2x4 wood stud, unless noted otherwise Wall Kevs

### (2) 2x wood studs on the flat

(6) 2x6 wood stud wall, 16" oc

Note: 2x4 wood stud wall, 16" oc unless otherwise noted <u>Kev Notes</u>

### 30" x 22" Minimum Attic Access

A Panel - Insulated (RO 34" x 26") Field locate for plumbing or mechanical

### Verify size of fixture or appliance

Adjust dimensions to accommodate

## C Center - Place door or window centered on wall

(SD) Smoke Detector (HD) Heat Detector

### (CO) Carbon Monoxide Detector

**Dimensions** 

1. Dimensions are to face of stud, unless noted otherwise. 2. Closets are 24" clear inside, unless dimensioned otherwise.

### Square Footages

- 1. Sq ft numbers are interior to room for use in calculating finishes.
- 2. Cabinets and fixtures not subtracted. 3. Add for doorways when floor finishes run through.

<u>Notes</u>

- 1. Exterior walls 2x6 wood stud @ 16" oc. Provide insulation & vapor barrier conforming to state or local codes. Interior sheathing 1/2" gypsum board. Provide 1/2" exterior rated sheathing, house wrap with drainage plane and siding. Provide step flashing at walls adjacent to roof planes.
- 2. Interior walls 2x4 wood stud @ 16" oc, unless noted otherwise.
- 3. Roof see structural for rafter sizes. Provide 5/8" exterior rated roof sheathing 15# roofing felt, ice & water shield at eaves and valleys, aluminum drip edge and asphalt shingles or metal roofing. Structure not calculated to support slate or tile. Flash all penetrations. Provide cricket at any added chimneys.
- 4. Provide roof and/or ceiling insulation per code. Provide soffit and ridge vents where required for insulation strategy. (Verify with code officer - closed cell spray foam or dense-pack cellulose installed at rafters and filling ridge and eaves generally contra-indicates venting, batt insulation always requires venting).
- 5. Provide smoke, carbon monoxide, and heat detectors where shown and where required by code and where required by local authorities.
- 6. Provide fire resistive materials where required by code, including but not limited to, firestopping at penetrations, 5/8" Type X drywall on walls and ceilings to separate garage (where garage present in design) from dwelling, and separation of dwellings (where more than one dwelling present in design), and protection of flammable insulation materials. See Table R302.6 IRC 2015.
- 7. Compliance with code requirements for rooms size and clearances (hallway widths, room sizes, etc) assume 1/2" drywall on walls and 1/2" drywall on 3/4" strapping on ceilings. Adjust as required if materials differ.
- 8. Shear is only called out where continuous sheathing wood structural panel method will not suffice. See plans for locations where alternate shear methods are required.

### General Design Notes

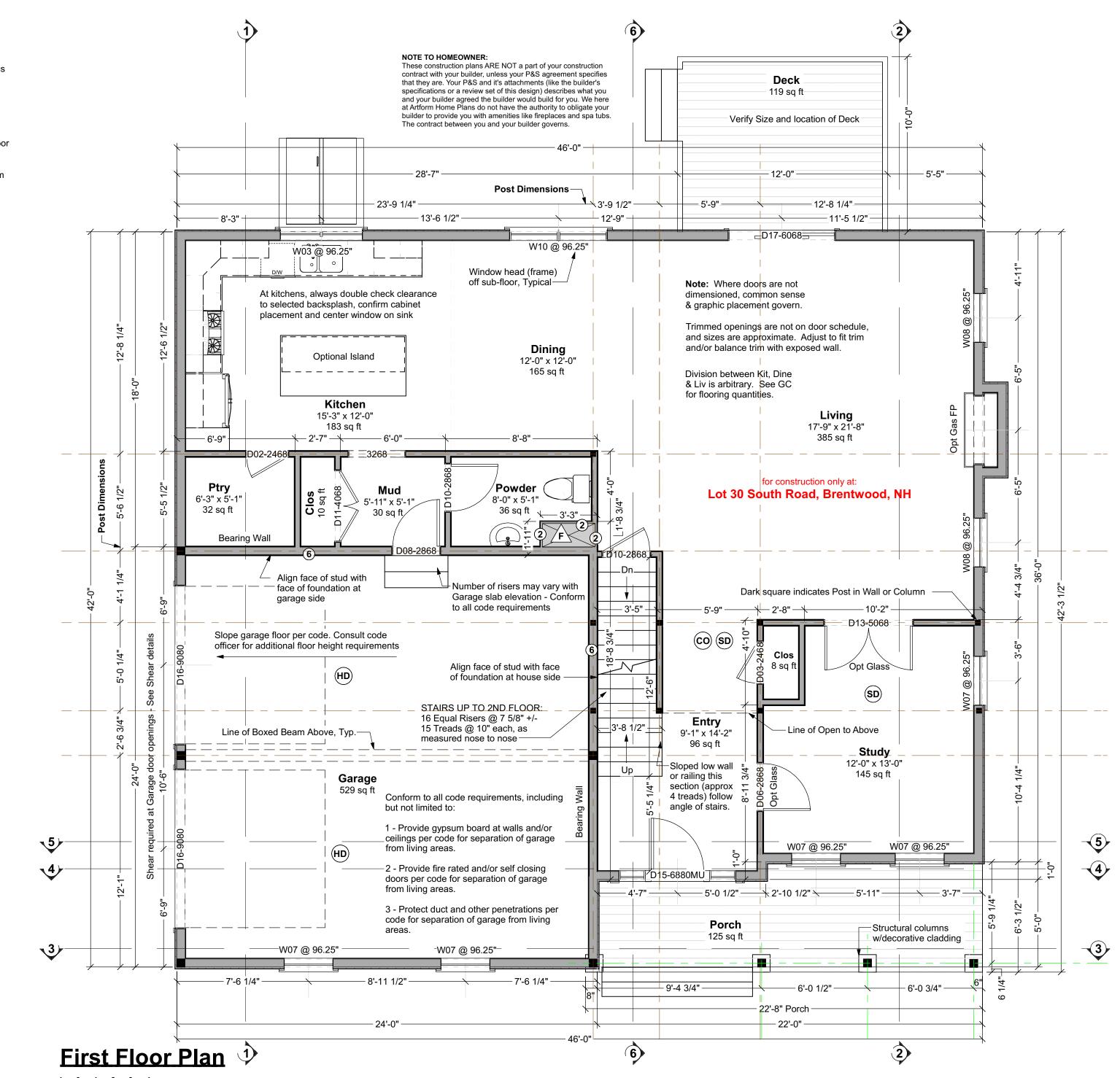
- 1 Builder shall consult and follow the building code and other regulations in effect for the building site for all construction details not shown in these drawings. Requirements described here are specific to this design and/or are provided as reference. Additional building code or local requirements may apply.
- 2 Builder shall maintain a safe worksite, including but not limited to, provision of temporary supports where appropriate and adherence to applicable safety standards.
- 3 Design is based on the snow load listed on the framing plans, 100 mph basic wind speed, Exposure type B, soil bearing capacity of 2000 psf, and Seismic Category C, unless otherwise noted on the framing plans. Builder shall promptly inform Artform Home Plans of differing conditions.

#### Door & Window Notes

- **1. Rated Doors:** Provide fire rated and/or self-closing doors where required by local codes or local authorities
- 2. Trimmed Openings: Trimmed openings not shown on schedule. See Plan.
- 3. Window Tempering: Provide tempered windows where required by local codes or local authorities. Tempering column provided here for convenience. Windows have not been reviewed for tempering requirements.
- **4. Window RO's:** 1/4" or 1/2" on each of 4 sides allowed for window RO's, typical. Review framing size vs RO size. Adjust per manufacturer's requirements and/or builder preference.
- 5. Egress Windows: Provide minimum one door or window meeting egress requirements in basement, in each sleeping room, in each potential sleeping room, and other locations required by local code, in sizes required by local code. Note that casement windows coded by manufacturer as meeting IRC 2015 egress requirements typically need to be ordered with specific hardware. Emergency Escape Window Sizes (Section R310.2.1, R310.2.2, R310.2.3 and R310.2.4). Will also comply with NFPA 101.
- 6. Basement Windows: Add basement windows as required to meet state or local code requirements, including but not limited to egress and light/ventilation.
- 7. Skylights: Skylights are not shown on this schedule, but may be required. Consult builder and/or see floor
- 8. Minimum window sill height: IRC 2015 requires that floor window sills be 24" from floor. Confirm bottom of window opening relative to frame. Conform to IRC 2015 R312.1.

				Ľ	OOR SCHE	DULE	
NUMBER	QTY	FLOOR	SIZE	WIDTH	HEIGHT	TYPE	COMN
D01	1	2	1668 L IN	18 "	80 "	HINGED	
D02	1	1	2468 L IN	28 "	80 "	HINGED	
D03	1	1	2468 R IN	28 "	80 "	HINGED	
D04	1	2	2468 R IN	28 "	80 "	HINGED	
D05	1	2	2468 L IN	28 "	80 "	HINGED	
D06	1	1	2868 R IN	32 "	80 "	HINGED	OPT C
D07	3	2	2868 R IN	32 "	80 "	HINGED	
D08	1	1	2868 R EX	32 "	80 "	HINGED	
D09	4	2	2868 L IN	32 "	80 "	HINGED	
D10	2	1	2868 L IN	32 "	80 "	HINGED	
D11	1	1	4068 L/R IN	48 "	80 "	DOUBLE HINGED	
D12	1	2	4068 L/R IN	48 "	80 "	DOUBLE HINGED	
D13	1	1	5068 L/R IN	60 "	80 "	DOUBLE HINGED	OPT (
D14	3	2	5068 L/R IN	60 "	80 "	DOUBLE HINGED	
D15	1	1	6880	80 "	96 "	MULLED UNIT	HING
D16	2	1	9080	108 "	96 "	GARAGE	
D17	1	1	6068 L EX	72 "	80 "	SLIDER	





Living Area this Floor: 1253 sq ft 9ft Finished Ceiling Height

NUMBER QTY WIDTH HEIGHT R/ GLASS ED W/SIDELITES/TRANSOM

W01	2	24 "	24 "	24 1/2"X24 1/2"		SINGLE AWNING	HARVEY	
W02	2	48 "	24 "	48 1/2"X24 1/2"		SINGLE AWNING	HARVEY	
W03	1	56 1/4 "	41 1/2 "	56 3/4"X42"		DOUBLE CASEMENT-LHL/RHR	HARVEY	
W04	1	41 "	61 1/2 "	41 1/2"X62"		FIXED GLASS	HARVEY	
W05	1	33 1/2 "	57 "	34"X57 1/2"		DOUBLE HUNG	HARVEY	
W06	2	33 1/2 "	57 "	34"X57 1/2"	YES	DOUBLE HUNG	HARVEY	
W07	5	33 1/2 "	65 "	34"X65 1/2"	YES	DOUBLE HUNG	HARVEY	
W08	2	33 1/2 "	65 "	34"X65 1/2"		DOUBLE HUNG	HARVEY	
W09	3	67 "	57 "	67 1/2"X57 1/2"	YES	2X DH	HARVEY	
W10	1	67 "	65 "	67 1/2"X65 1/2"		2X DH	HARVEY	

WINDOW SCHEDULE

EGRESS TEMPERED DESCRIPTION

MANUFACTURER COMMENTS





### Dear Code Officer.

These are predesigned home plans, designed to bring good design and construction drawings to people at more affordable prices and faster time frames than traditional architecture. Where traditional "internet" home plans disclaim all responsibility, we split responsibility between us (Artform) and the owner. We encourage the future homeowners to use a quality builder who can assist them with this. They are responsible for thermal and moisture decisions and for meeting code in ways that a quality builder should know without an explicit detail. We are responsible for things that are directly related to the design and/or that a quality builder couldn't reasonably figure out on their own - specifically the following IRC 2015 code sections:

- 1 Room sizes (Section R304) 2 - Ceiling Height (Section R305)
- 3 Floor space & ceiling height at Toilet, Bath and Shower Spaces
- (Section R307) 4 - Hallway widths (Section R311.6)
- 5 Door types & sizes (Section R311.2)

6 - Floor space in front of doors (Section R311.3) 7 - Stair width - The stairs in our designs will be a minimum of 36" wide measured wall surface to wall surface, allowing compliance with

- R311.7.1 with installation of correct handrail. 8 - Stairway headroom (Section R311.7.2)
- 9 Stair treads and risers (Section R311.7.5) 10 - Landings for stairways (Section R311.7.6)

11 - Emergency Escape Window Sizes (Section R310.2.1, R310.2.2, R310.2.3 and R310.2.4). Casement windows may require manufacturer's emergency escape window hardware. Will also comply with NFPA 101.

12 - Structural Floor Framing (Section R502.3) Where dimensional lumber is shown, framing members will be sized according to this section of the code. Where engineered wood products are shown, those framing members will be size according to the manufacturer's tables for loads and spans, or sizes will have been calculating using manufacturer's published materials properties. 13 - See structural sheets for additional notes.

The builder can and should add information to this set, such as Rescheck, a hand markup of our generic thermal and moisture section, additional information about doors and windows (such as fire rating, tempering, etc), foundation drops relative to site grading, and sometimes their chosen method of basement egress. These drawings are not intended to be used without that additional information.

Where a construction address is shown on the drawings, it is for copyright control only. We have not inspected the site, adapted the design to state specific laws (except where it says so in the drawings) or site or region specific climate conditions. Homeowner and/or Builder shall be responsible for thermal and moisture control strategies, materials choices and compliance with applicable laws and ordinances

Please do feel free to call us with any questions. We can and do update our drawings and standard notes to address specific concerns, especially in jurisdictions where our clients will be building again.

#### Dear Everybody,

With these drawings a copyright license is granted for a single construction only at Lot 30 South Road, Brentwood, NH. This is a License to Build, and does not include a License to Modify, except as required to conform to building code or fulfill builder's/owners responsibilities.

**Permissible uses of these drawings:** 1. All activities associated with construction at the listed address. 2. Pricing or preliminary discussions with zoning or code officials for construction at other addresses, with prior notification to Artform Home Plans - just use the Contact form on the web site http://www.artformhomeplans.com/contact.a5w

### Not Permitted:

1. Application for any permits or other approvals for construction at properties other than the listed address, including but not limited to construction, zoning, conservation, or design review. 2. Modification of the basic design.

Use of these drawings outside these parameters is a violation of federal copyright law, punishable by both civil action and criminal prosecution, as it is stealing or enabling theft of "intellectual property". Making modifications to plans, even significant ones, does not change this, under copyright law, that's considered "derivative works".

We can provide drawings suitable for use in obtaining design or zoning approvals without incurring the expense of a full set of construction drawings. Contact us for more information. AFHP CD Commons 21.1 X11 - IRC 2015

These drawings are intended for use by an experienced professional builder in responsible charge of the entire project, including but not limited to mechanical, electrical and sitework. Any additional adaptation for these trades or other trades must be determined prior to start of construction. Contact Artform for any adjustments needed.

Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

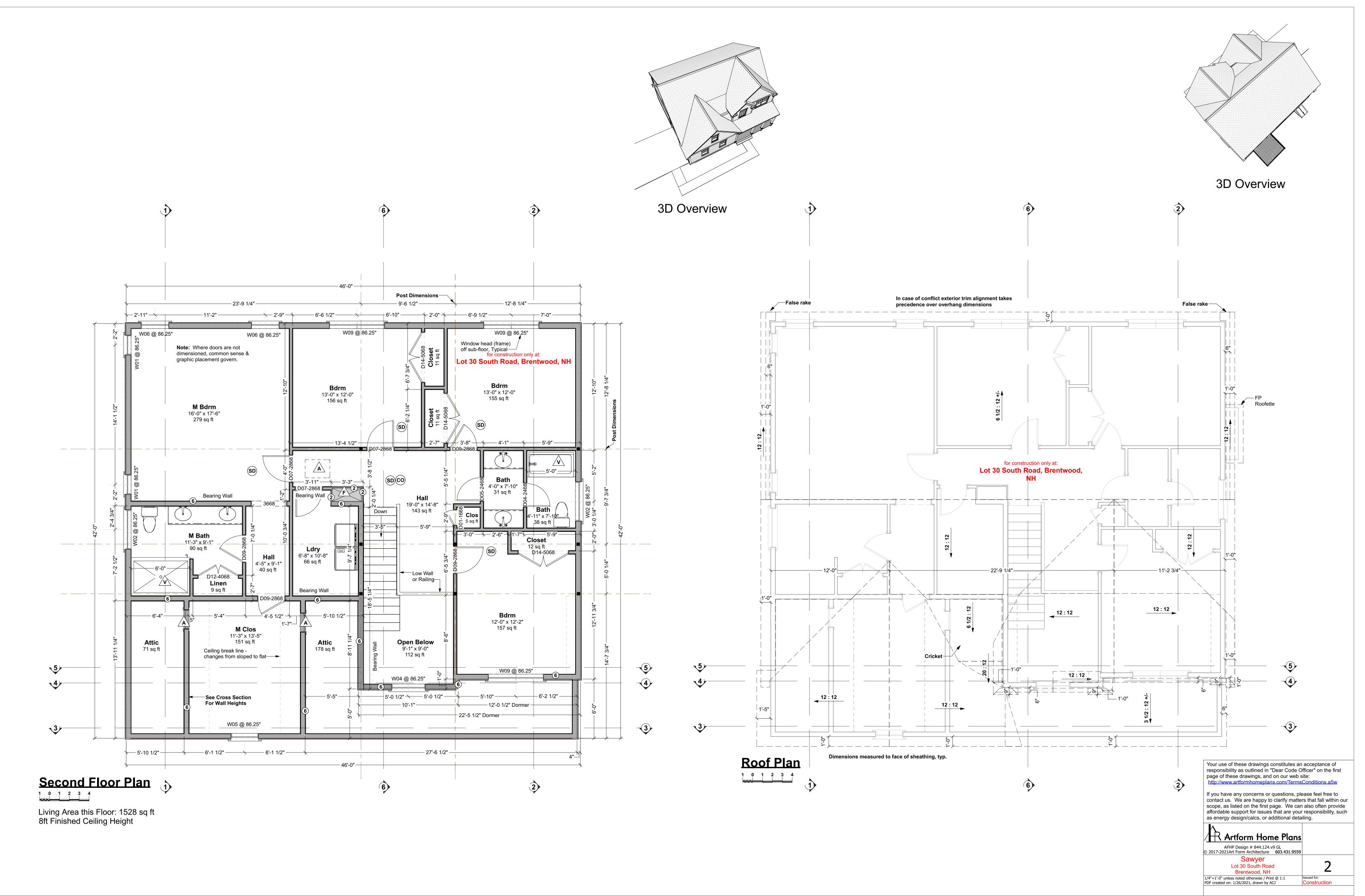
If you have any concerns or questions, please feel free to contact us. We are happy to clarify matters that fall within our scope, as listed on the first page. We can also often provide affordable support for issues that are your responsibility, such as energy design/calcs, or additional detailing.

Artform Home Plans	
AFHP Design # 844.124.v9 GL © 2017-2021Art Form Architecture 603.431.9559	
Sawyer	
Lot 30 South Road	

Brentwood NH

1/4"=1'-0" unless noted otherwise / Print @ 1:1 PDF created on: 1/26/2021, drawn by ACJ

Construction



Wright Builders, LLC

tfdiskstation/AFA StaffAccess/-Home Designs/By Project/Symes - Farm Village/Sawyer/CD 844.124.v9 GL 3281 Sawyer - Lot 30 South Road.layou

1/26/2021 1:14:27 PM

#### MINIMUM VERTICAL REINFORCEMENT FOR 10-INCH (203MM) NOMINAL FLAT CONCRETE BASEMENT WALL MINIMUM VERTICAL REINFORCEMENT - BAR SIZE AND SPACING (inches

			AL REINFORCEMENT - BAR SIZE	AND SPACING (inches)	
MAXIMUM UNSUPPORTED WALL HEIGHT	MIAXIMUM UNBALANCED BACKFILL HEIGHT	Soil classes and design lateral soil (net nor		foot of depth)	
(feet)	(feet)			SC, ML-CL and inorganic CL 60	
	4	NR	NR	NR	
	5	NR	NR	NR	
8	6	NR	NR	NR	
	7	NR	NR	NR	
	8	6 @ 48	6 @ 35	6 @ 28	

#### **Foundations**

- 1. No footing shall be poured on loose or unsuitable soils, in water or on frozen ground.
- 2. All exterior footings to conform to all applicable code requirements for frost protection.
- 3. All concrete shall have a minimum compressive strength of at least 3000 PSI at 28 days.
- 4. Foundation anchorage to comply with IRC 2015 Section R403.1.6, it shall consist of minimum size 1/2" diameter anchor bolts with 3/16" x 2" x 2" washers at a maximum of 72" oc for two stories or 48" oc for more than two stories, max of 12" from each corner, min of 2 bolts per wall. Anchor bolt shall extend 7" into concrete or grouted cells of concrete masonry units. Be aware that a garage under may be counted by your code officer as a story. Additional anchorage may be required at braced walls.
- 5. Foundation reinforcing steel is to be installed in accordance with all applicable provisions of IRC 2015 Section 404.1.3.2
- **TYPICAL PERIMETER FOUNDATION WALL:** • 10" poured concrete, 8 ft forms, min 7'-10" finished, with
- total of 3 rebar, as follows: • (1) #4 rebar, 4" from top
- (1) #4 rebar @ vertical midpoint. Omit this rebar at walls 4 ft high or less.
- (1) #4 rebar, min 3" from bottom or per code
- Lap corners & splices of rebar per code. • Secure sill to foundation with 1/2" diameter anchor bolts that extend 7" into concrete and tightened with a nut and washer @ 6' oc & max 12" from each corner & each end @ wood sill splices - if built-up sill, bolts must extend through all

### **TYPICAL PERIMETER FOOTING:**

sill plates or straps must secure all sill plates.

- 1 Use Footing chart(s) below to verify that depth of home matches chart. Depth is foundation dimension eave to eave. Contact Artform Home Plans if you believe the chart does not match the plan.
- 2 Select row for snow load shown on the structural plans. 3 Select a column for soil bearing pressure based on soil
- type and/or consultation with code officer. 4 The required footing size is at the intersection of the Snow Load and Soil PSF. Rebar is not required. Key or pin
- foundation wall to footing per code. FAQ - Adding rebar to footings does not reduce the required width. Rebar affects performance with earth movement, like
- an earthquake and has near zero effect on bearing capacity.

### Guide to Soil PSF

3,000	Sandy gravel and/or gravel (GW and GP)
2,000	Sand, silty sand, clayey sand, silty gravel and
	clayey gravel (SW, SP, SM, SC, GM and GC)
,500	Clay, sandy clay, silty clay, clayey silt, silt and
	sandy silt (CL, ML, MH and CH)

10" wall - Footing Size for 28 Ft wide house						
Snow	Story and	Load Bear	ring Value of	f Soil (PSF)		
Load	type of structure	1500 PSF	2000 PSF	3000 PSF		
50 PSF	2 Story – Plus Basement	23 x 7.5	17×6	14 x 6		
55 PSF	2 Story – Plus Basement	23.5 x 7.75	17.25 x 6	14 x 6		
60 PSF	2 Story – Plus Basement	24 x 8	17.5 x 6	14 x 6		
65 PSF	2 Story – Plus Basement	24.5 x 8.25	17.75 x 6	14 x 6		
70 PSF	2 Story - Plus Basement	25 x 8.5	18 x 6	14 x 6		

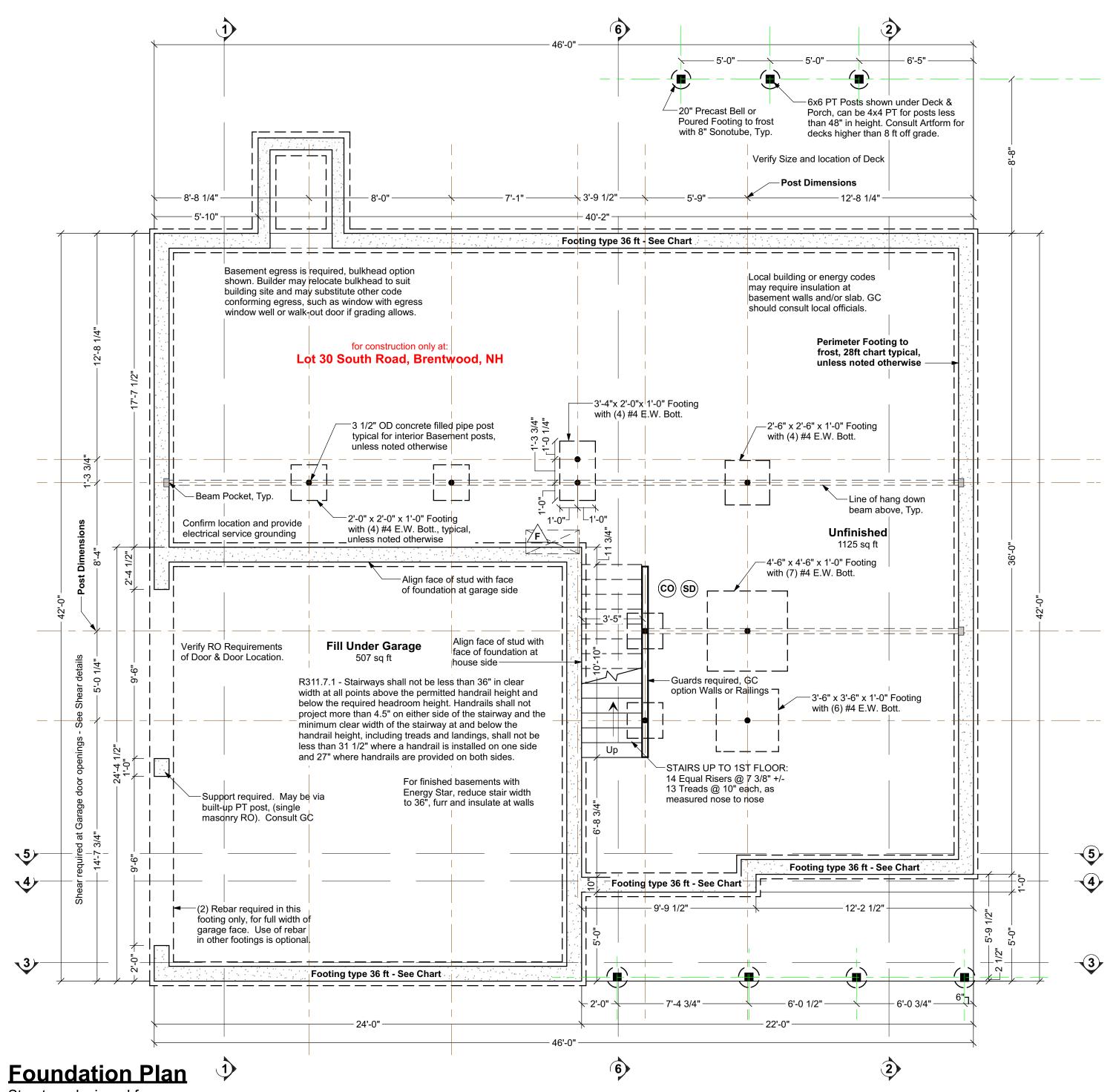
10" wall - Footing Size for 32 Ft wide house								
Snow	Story and	Load Bear	ring Value of	f Soil (PSF)				
Load	type of structure	1500 PSF	2000 PSF	3000 PSF				
50 PSF	2 Story – Plus Basement	25 x 8.5	19×6	14 x 6				
55 PSF	2 Story – Plus Basement	25.5 x 8.75	19.25 x 6	14 x 6				
60 PSF	2 Story Plus Basement	26 x 9	19.5 x 6	14 x 6				
65 PSF	2 Story - Plus Basement	26.5 x 9.25	19.75 x 6	14 x 6				
70 PSF	2 Story - Plus Basement	27 x 9.5	20 x 6	14 x 6				

	10" wall - Footing Siz	te for 36 Ft wid	le house		
Snow	Story and	Load Bearing Value of Soil (PSF)			
Load	type of structure	1500 PSF	2000 PSF	3000 PSF	
50 PSF	2 Story - Plus Basement	27 x 9.5	21 x 7	14 x 7	
55 PSF	2 Story – Plus Basement	27.5 x 9.75	21.25 x 7	14.5 x 7	
60 PSF	2 Story - Plus Basement	28 x 10	21.5 x 7	15 x 7	
65 PSF	2 Story - Plus Basement	28.5 x 10.25	21.75 x 7	15.5 x 7	
70 PSF	2 Story – Plus Basement	29 x 10.5	22 x 7	16 x 7	

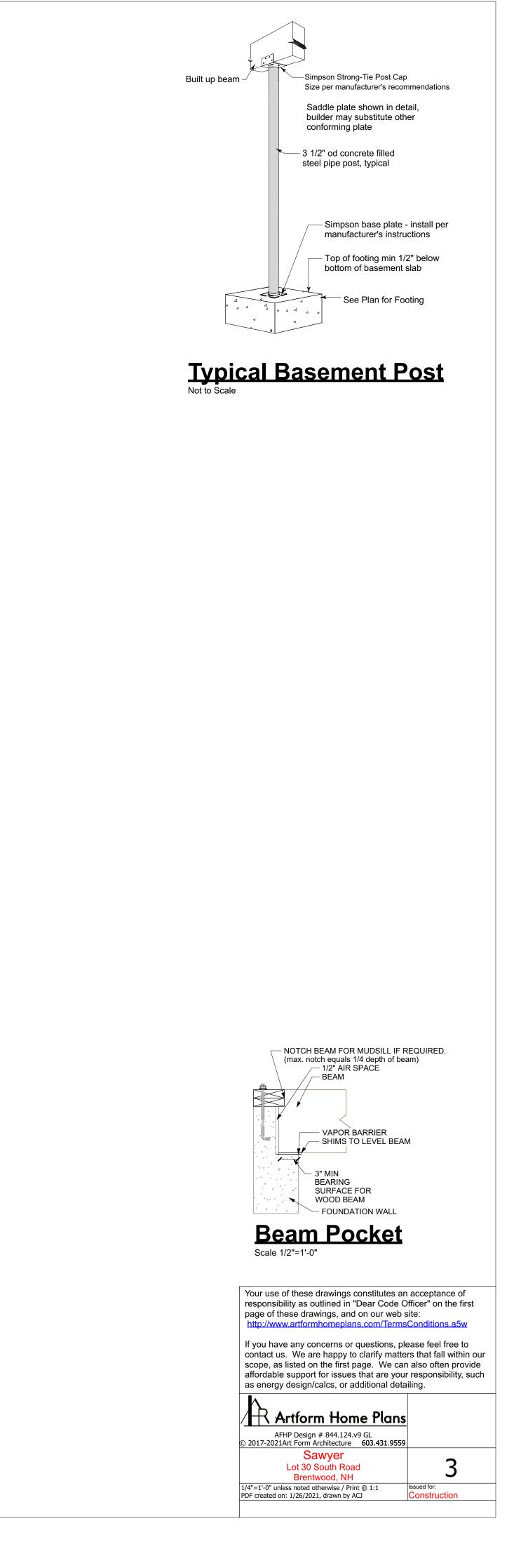
#### Foundation Contractor Check List Confirm or review the following prior to forming & pouring foundation

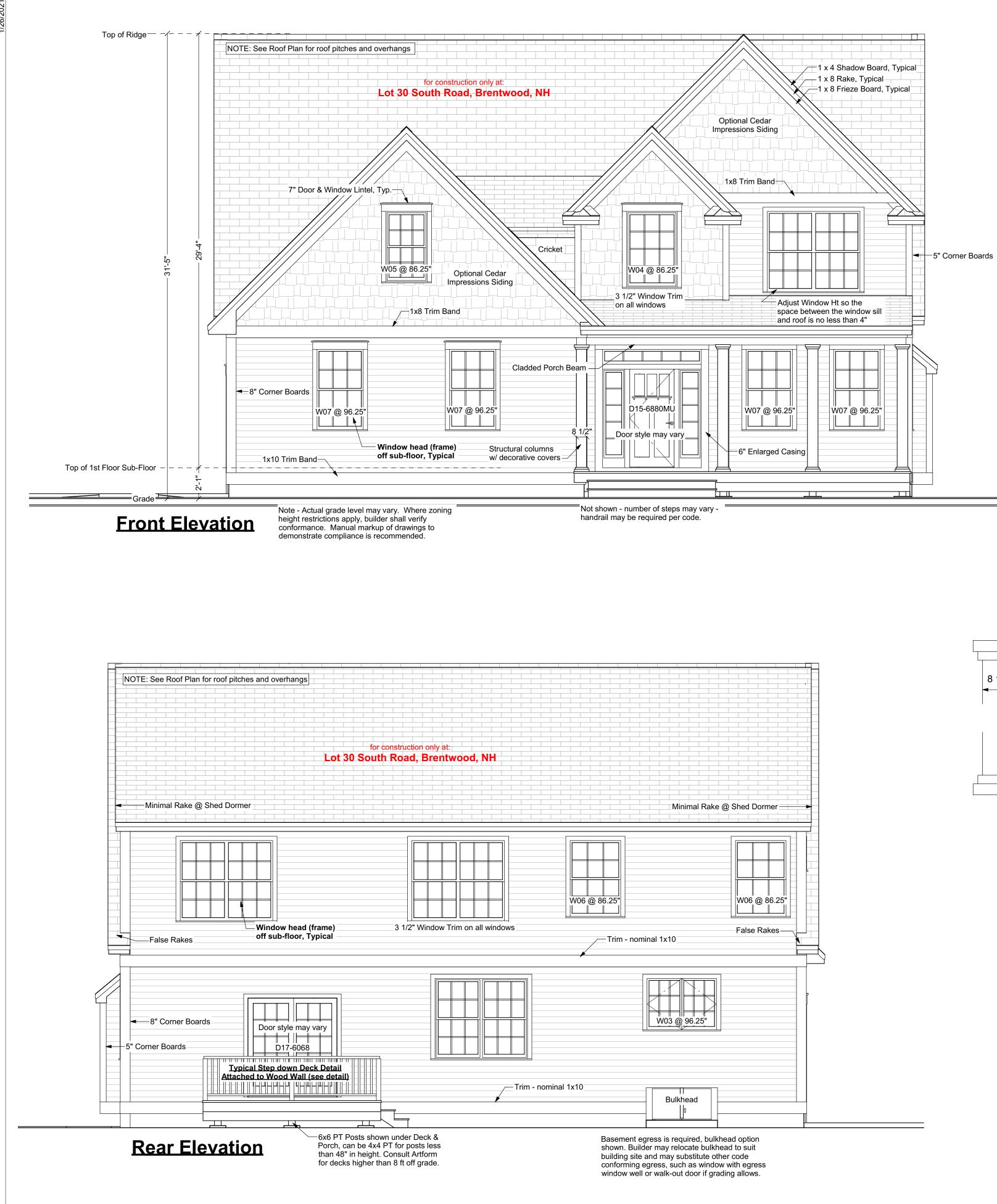
### Initials Date Checked

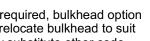
 Confirmed soil bearing
 Checked w/GC for added foundation steps to suit grade
 Confirm sill plate thickness (foundation bolts to extend through all)
 Confirmed garage door size
 Checked w/GC for added basement windows
 Checked w/GC for added basement man doors
 Confirmed sizes & locations mech/plbg penetrations
 Confirmed sizes and locations of beams w/GC, added or adjusted beam pockets
 Confirmed location and installed electrical service grounding - See GC for location

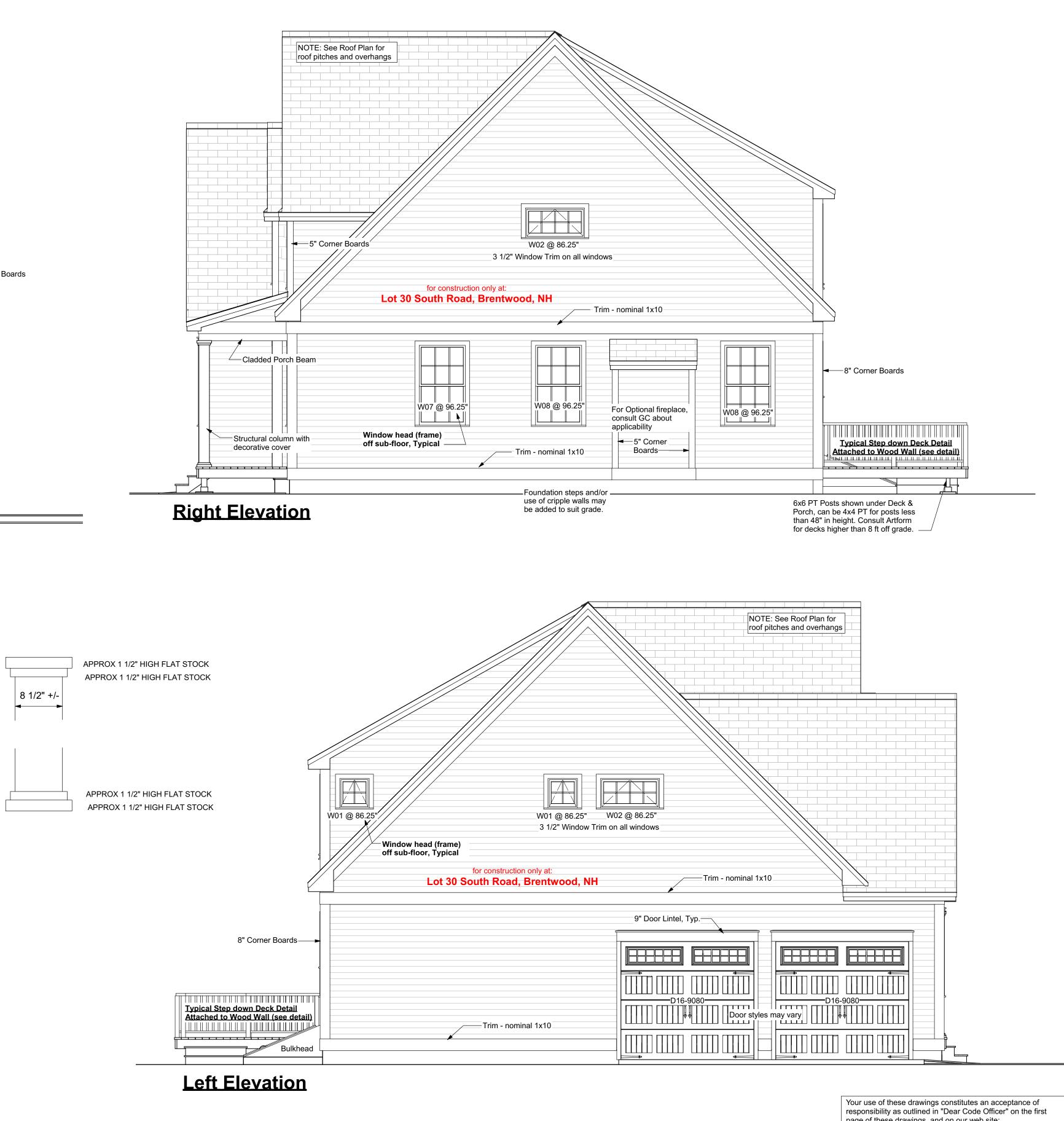


Structure designed for 0 1 2 3 4 Snow Load of 50 psf Ceiling Height may vary:8ft forms

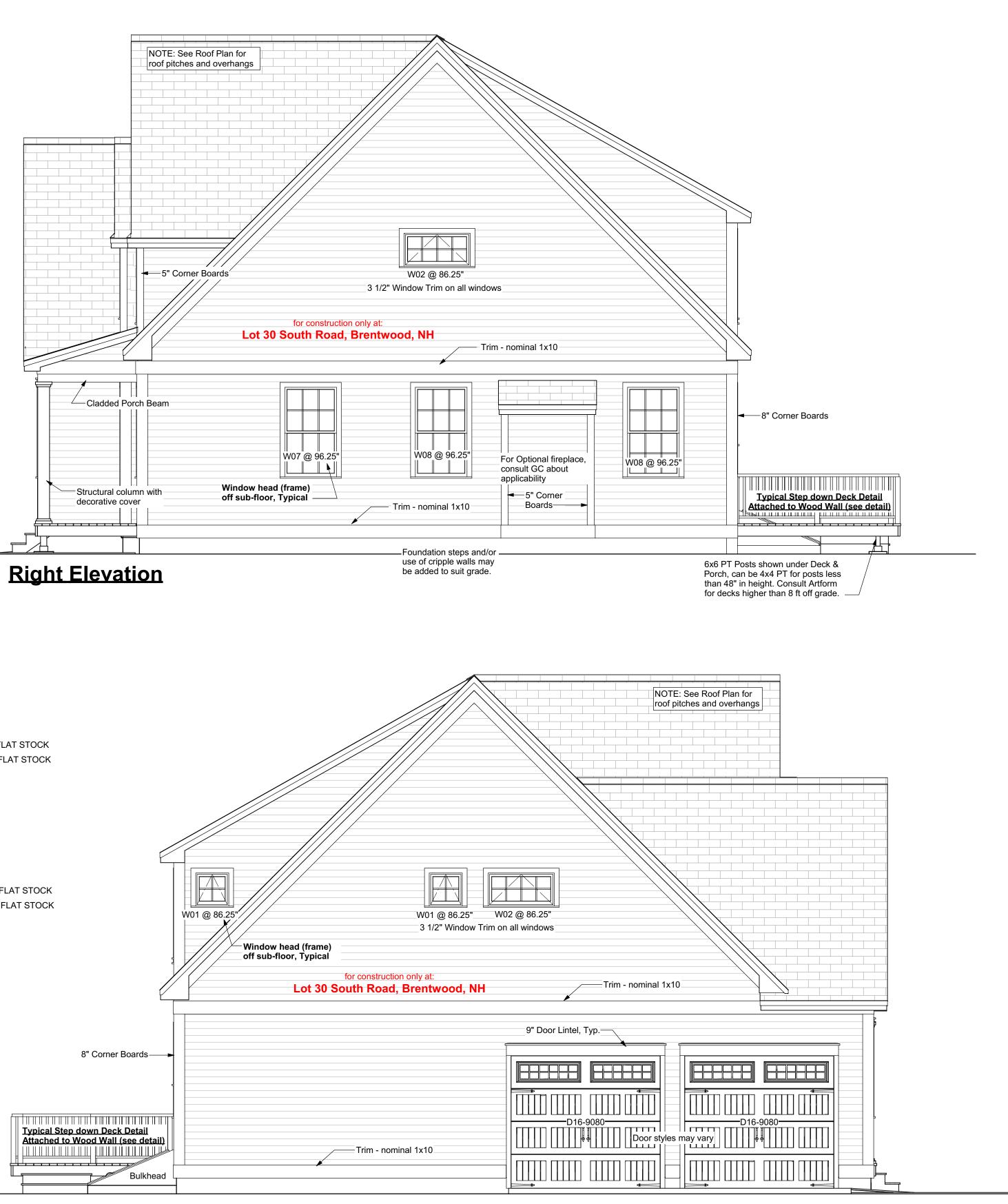






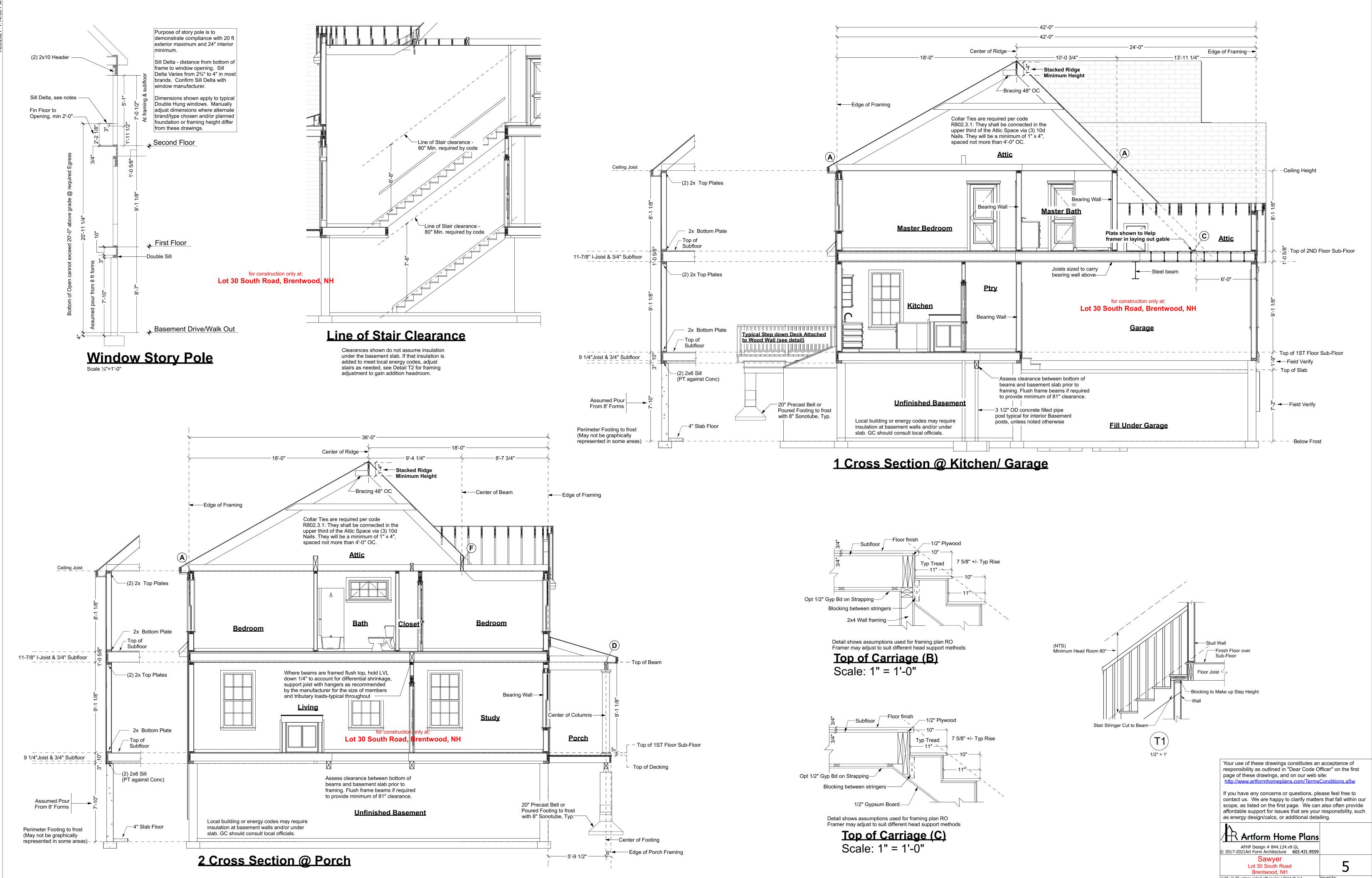






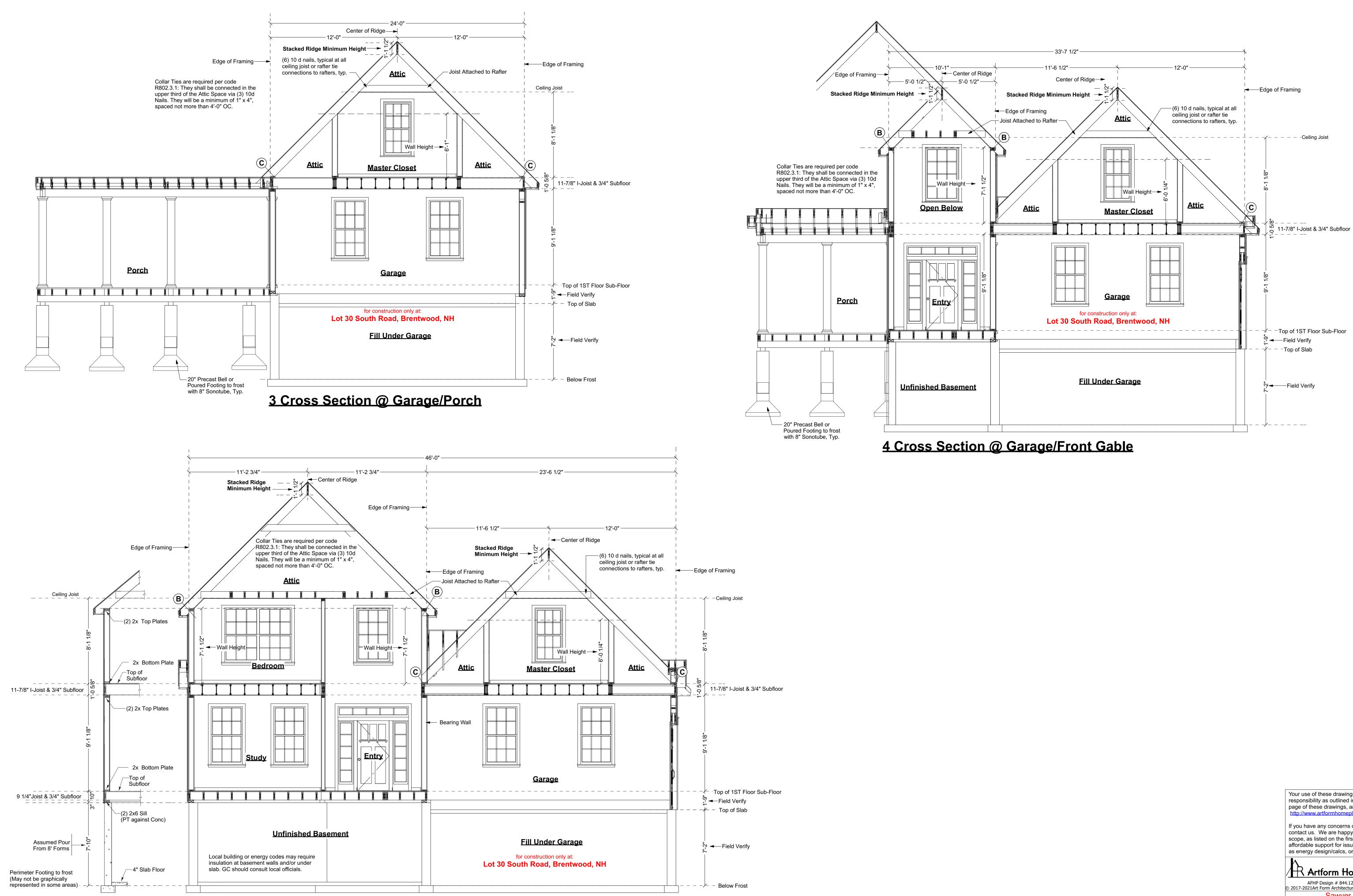
page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

Artform Home Plans	
AFHP Design # 844.124.v9 GL © 2017-2021Art Form Architecture 603.431.9559	
Sawyer	_
Lot 30 South Road	4
Brentwood, NH	
1/4"=1'-0" unless noted otherwise / Print @ 1:1	Issued for:
PDF created on: 1/26/2021, drawn by ACJ	Construction



1/4"=1'-0" unless noted otherwise / Print @ 1:1 PDF created on: 1/26/2021, drawn by ACJ

Issued for Construction



5 Cross Section @ Garage/Front Gable

Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

A R Artform Home Plans	
AFHP Design # 844.124.v9 GL 2017-2021Art Form Architecture 603.431.9559	
Sawyer	
Lot 30 South Road	6
Brentwood, NH	V
/4"=1'-0" unless noted otherwise / Print @ 1:1	Issued for:
DF created on: 1/26/2021, drawn by ACJ	Construction

R602.10.4 Construction methods for braced wall panels

Intermittent and continuously sheathed braced wall panels shall be constructed in accordance with this section and the methods listed in Table R602.10.4. TABLE 91.5.602.10.4

METHODO	MATERIAL	MINIMUM	FIGURE	CONNECTION	CRITERIAª	
METHODS, MATERIAL		THICKNESS	FIGURE	Fasteners Space		
Intermittent Bracing Method	<b>PFG</b> Portal frame at garage	15/32"	+100 + 100	See Section R602.10.6.3	See Section R602.10.6.3	
Continuous Sheathing Methods cs-wsp Continuously sheathed wood structural panel	Exterior sheathing per Table R602.3(3)	6" edges 12' field				
	wood structural	15/32"		Interior sheathing per Table 91.5.602.3(1) or 91.5.602.3(2)	Varies by fastener	

### **Shear Wall Details** Not to Scale

Notes:

Shear is only called out where continuous sheathing wood structural panel method will not suffice. See plans for locations where alternate shear methods are required.

• Note that if sheathing is to be used as wall bracing all vertical joints in required braced wall panels must be blocked. [2015 IRC section R602.10.10]

 Details shown here are for one method and for typical conditions. An alternate shear method allowed per code or approved by the

code officer may be substituted. • For Shear information reference section R602.10 of the IRC 2015.

Method PFG: Portal frame at garage door openings shall be constructed in accordance with Figure R602.10.6.3. Note this method is allowed on either side of garage door openings.

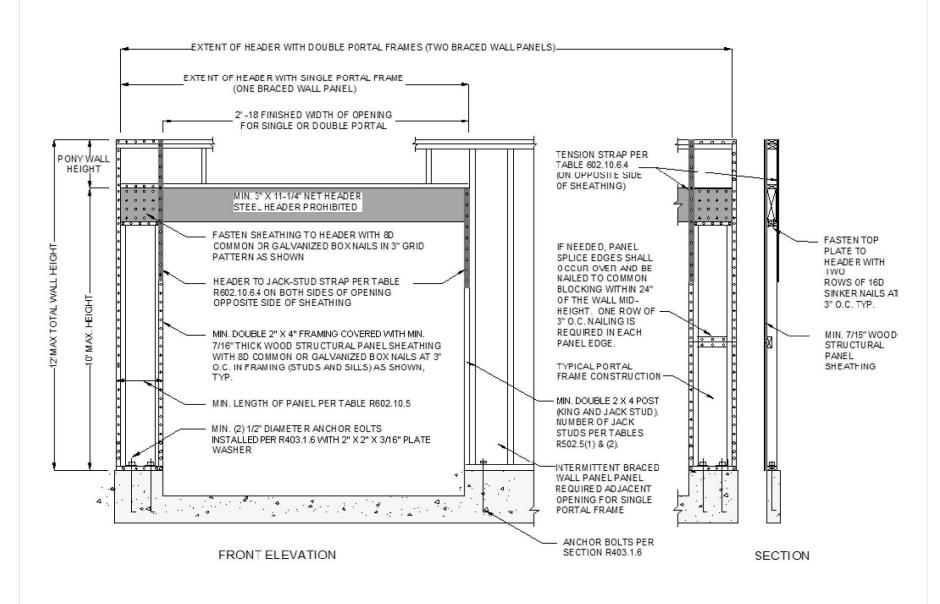


FIGURE R602.10.6.3 METHOD PFG-PORTAL FRAME AT GARAGE DOOR OPENINGS IN SEISMIC DESIGN CATEGORIES A, B AND C

#### TABLE R602.10.6.4

				TENSION STRAP CAPACITY REQUIRED (pounds) <sup>a, b</sup>						
FRAMING NOMINAL	WALL HEIGHT	MAXIMUM TOTAL WALL HEIGHT		Ultimate Design Wind Speed V <sub>ult</sub> (mph)						
SIZE AND GRADE	(feet)	(feet)		110	115	130	110	115	130	
				E	<b>kposur</b> e	в	Exposure C			
	0	10	18	1,000	1,000	1,000	1,000	1,000	1,050	
			9	1,000	1,000	1,000	1,000	1,000	1,750	
	1	10	16	1,000	(pounds           Ultimate Design Wind           110         115         130         1           Exposure E           1,000         1,000         1,000         1           1,000         1,000         1,000         1           1,000         1,000         1,000         1           1,000         1,025         2,050         2           1,000         1,025         2,375         2           1,000         1,025         2,375         2           1,000         1,025         3,525         3           1,000         1,500         3,950         3           1,150         1,500         2,650         2           2,875         3,375         DR         3           3,425         3,975         DR         3           3,225         3,775         DR         3           1,000         1,000         1,700         1           1,825         2,150         3,225         3           1,000         1,000         3,725         3           1,000         1,000         3,725         3           1,450         2,550	2,075	2,500	3,950		
			18	1,000	1,275	2,375	2,400	2,850	DR	
			9	1,000	1,000	1,475	1,500	1,875	3,125	
	2	10	16	1,775	2,175	(pounds) <sup>a, b</sup> I30         110           I30         110           I,000         1,000           1,000         1,000           2,050         2,075           2,375         2,400           1,475         3,550           3,525         3,550           2,650         2,675           DR         DR           DR         DR           DR         DR           DR         DR           J,700         1,700           3,950         3,950           J,8950         3,975           DR         DR           DR         DR           JDR         DR           JR         JR           JR <t< td=""><td>4<mark>,1</mark>25</td><td>DR</td></t<>	4 <mark>,1</mark> 25	DR		
2 × 4 No. 2 Grade			18	2,075	2,500	3,950	3 <mark>,</mark> 975	DR	DR	
				9	1,150	1,500	2,650	2,675	3,175	DR
	2	12	16	2,875	3 <mark>,</mark> 375	I30         I10         I15           I30         I10         I15           I30         I10         I15           I30         I30         I30         I10         I15           III0         I,000         I,000         I,000         I,000           I,000         I,000         I,000         I,000         I,000           I,1475         I,500         I,87         I,87           I,3525         3,550         I,17         I,87           I         I         I         I         I           I         I         I         I         I           I         I         I         I         I         I           I         I         I         I         I         I           I         I         I         I         I         I         I	DR	DR		
			18	3,425	3,975	DR	DR	DR	DR	
		10	9 2,275 2,750 DR	DR	DR	DR	DR			
	4	12	12	3,225	3,775	DR	DR	DR	DR	
			9	1,000	1,000	1,700	1,700	2,025	3,050	
	2	12	16	1,825	2,150	(pounds) <sup>a, b</sup> ate Design Wind Speed Vult           115         130         110         115           International Speed Vult           International Speed Vult           International Speed Vult           1000         1,000         1,000         1,000           1,000         1,000         1,000         1,000           1,000         1,000         1,000         1,000           1,000         1,000         1,000         1,000           1,000         1,475         2,400         2,850           1,000         1,475         3,550         4,122           2,175         3,525         3,550         4,122           2,500         3,950         3,975         DR           3,975         DR         DR         DR           3,975         DR         DR         DR           3,775         DR         DR         DR           3,775         DR         DR         DR           1,000         1,700         1,700         2,023           2,150         3,225         3,225         3,250            3,725         3,7	3,675	DR		
a			18	2,200	2,550		DR	DR		
2 × 6 Stud Grade			9	1,450	1,750	2,700	2,725	3,125	DR	
	4	12	16	2,050	2,400	DR	DR	DR	DR	
			18	3,350	3,800	DR	DR	DR	DR	

For SI: 1 inch = 25.4 mm, 1 mile per hour = 0.447 m/s.

a. DR = Design Required.

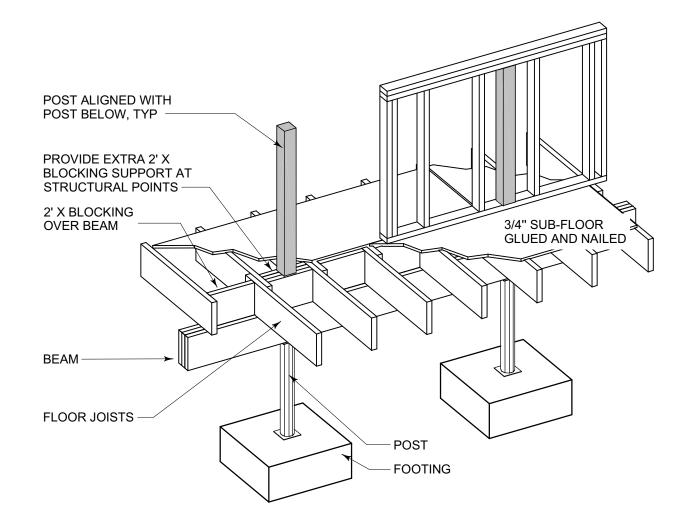
b. Straps shall be installed in accordance with manufacturer's recommendations.

for construction only at: Lot 30 South Road, Brentwood, NH

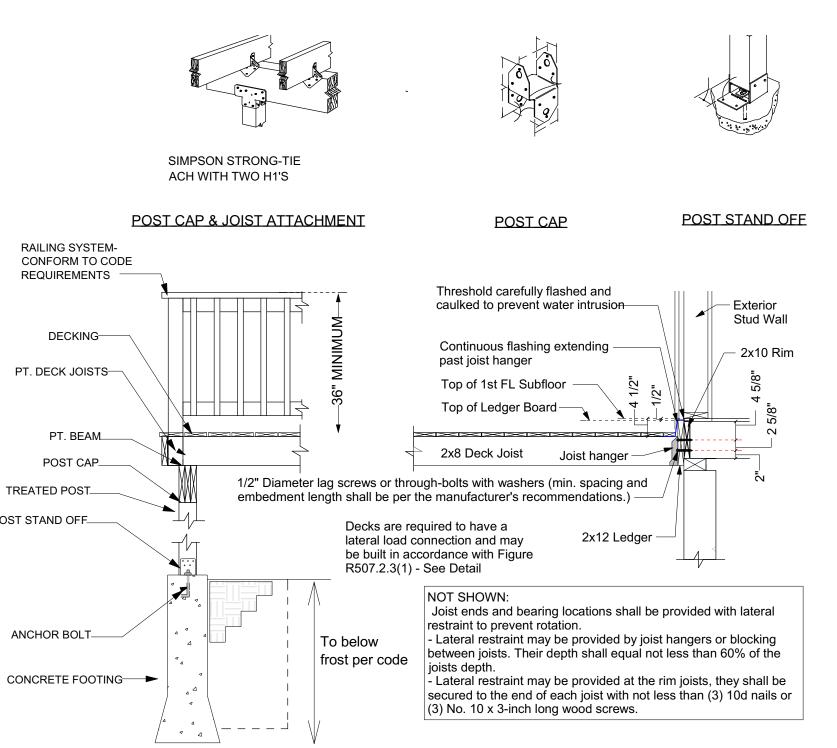
Follow manufacturer's instructions both for installation of joist hangers to joist and to beam. The illustration below, by Simpson Strong Tie, is provided as a courtesy. Consult their full manual for acceptable fastener sizes and other important instructions.

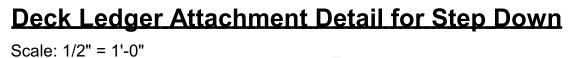
SHORT NAILS Do not use short (11/2") nails for double shear nailing.

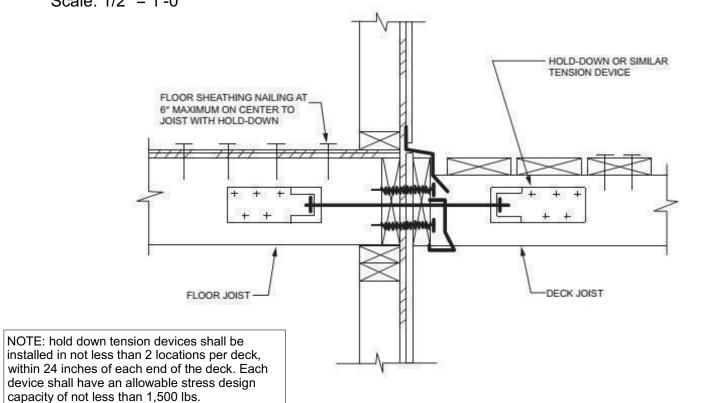




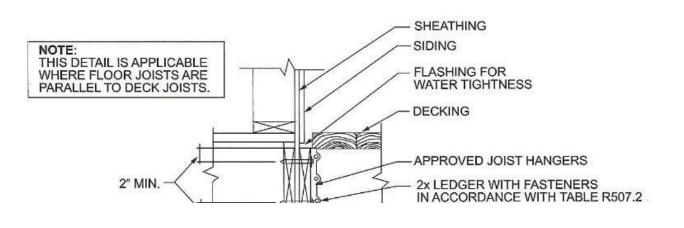
POST STAND OFF







### FIGURE R507.2.3(1) DECK ATTACHMENT FOR LATERAL LOADS

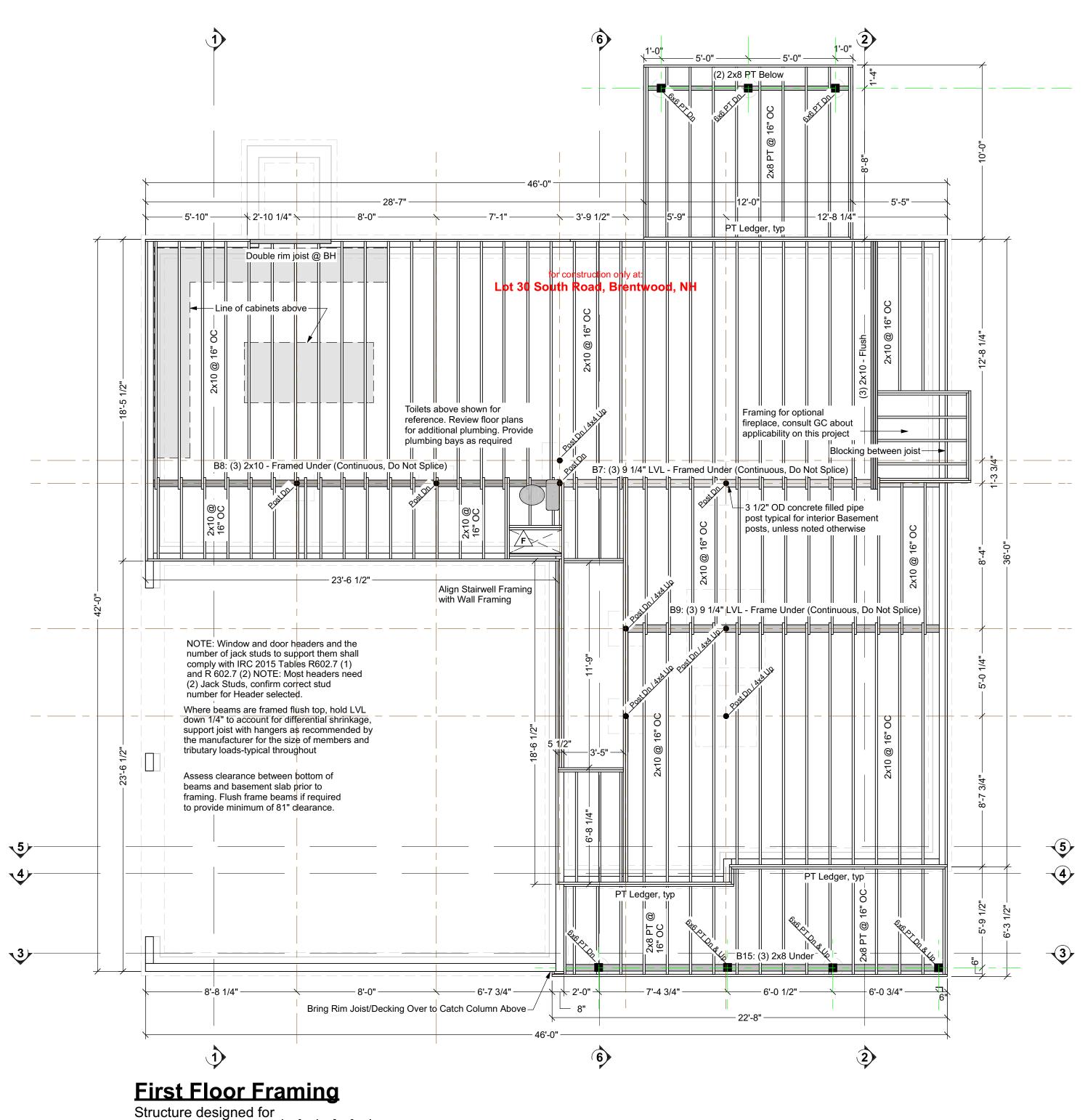


Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

Artform Home Plans	
AFHP Design # 844.124.v9 GL 2017-2021Art Form Architecture 603.431.9559	
Sawyer	_
Lot 30 South Road	
Brentwood, NH	
/4"=1'-0" unless noted otherwise / Print @ 1:1	Issued for:
DF created on: 1/26/2021, drawn by ACJ	Construction

- 1. All structural wood shall be identified by a grade mark or certificate of inspection by a recognized inspection agency.
- 2. Structural wood shall be Spruce-Pine-Fir (SPF) #2 or better.
- 3. When used, LVL or PSL indicate Laminated Veneer Lumber or Parallel Strand Lumber, respectively. Products used shall equal or exceed the strength properties for the size indicated as manufactured by TrusJoist.
- 4. When used, TJI indicates wood I-joists as manufactured by TrusJoist. Products of alternate manufacturers may be substituted provided they meet or exceed the strength properties for the member specified.
- All floor joists shall have bridging installed at mid-span or at 8'-0" oc maximum.
- Floor systems are designed for performance with subfloor glued and screwed.
- 7. Per code R502.6.1 Floor joists splicing over bearing walls allowed, shall lap a min 3" over walls and shall be nailed together with a minimum of (3) 10d face nails. Also permitted is a wood or metal splice with strength equal to or greater than that provided by the nailed lap.
- 8. Per code R802.3.2 Ceiling joists splicing over bearing walls is allowed, shall lap a min 3" or butted over bearing partitions or beams and toenailed to the bearing member. Where ceiling joists are used to provide resistance to rafter thrust, lapped joists shall be nailed together in accordance with Table R802.5.1(9), and butted joists shall be tied together in a manner to resist such thrust. Joists that do not resist thrust shall be permitted to be nailed together in accordance with Table R602.3(1).
- 9. Provide blocking in the floor at structural points. Blocking may be 2x's or solid, but must have grain of wood vertical.
- 10. All wood permanently exposed to the weather, in contact with concrete or in contact with the ground shall meet code requirements for wood in these environments.
- 11. Deck ledgers shall be securely attached to the structure and/ or independently supported. Deck lateral load connection required see IRC 2015 Section R507.2.4
- 12. Wherever beams are noted as Flush framed, install joist hangers at all joists, sized appropriately for the members being connected.
- 13. Support the lower end of roof beams via minimum 2" horizontal bearing on a post, ledger or via an appropriately sized and configured hanger.
- 14. The ends of each joist, beam or girder shall have not less than 1.5" of bearing on wood or metal and not less then 3" on masonry or concrete except where supported on a 1" x 4" ribbon strip and nailed to the adjacent stud or by the use of approved joist hangers.
- 15. Hangers, post caps, post bases, ties and other connectors shall be manufactured by Simpson Strong Tie. Selection shall be designed to carry the loading on these framing plans and connect the total width of the members shown, and shall be installed per manufacturer's instructions. Contact Art Form if additional information is needed.
- Prefabricated Wood Trusses
- Where trusses are indicated on the drawings, truss design shall be provided by truss manufacturer.
- 2. Trusses shall be designed in accordance with applicable provisions of the latest edition of the National Design Specifications for Wood Construction (NDS), American Forest and Paper Association (APA), and Design Specifications for Metal Plate Connected Wood Trusses (ANSI/TPI 1), Truss Plate Institute (TPI) and code of jurisdiction.
- Manufacturer shall furnish design drawings bearing seal and registration number of a structural engineer licensed in the state where project will be built.

- Our beams sizes often differ from prescriptive code, because our designs are rarely the old style box colonial or cape with a center bearing wall upon which prescriptive code is based. We size our beams via calculations for this specific design, which may carry those loads separately via second floor beams and/or roof transfer beams. Beam or joist sizes, types and/or spacing may not be reduced or alternates substituted without our express permission.
- Walls intended to be bearing are labeled as such. This information is provided to aid code officer in understanding the framing. It does not indicate permission to add loads to those walls, or any other walls.
- Framing is sized for normal residential conditions. Contact Artform if additional loads are anticipated, including but not limited to waterbeds, large fish tanks, indoor hot tubs, multiple framed soffits or coffers.
- 4. In states where the designer is a licensed architect, (NH, MA, ME, CT & NY as of the date of issue) we are happy to stamp our drawings at no additional charge. In other states we are happy to provide calculations. Administration fees apply with provision of calculations. Code officer is encouraged to call with any questions about our methodology.



#### <u>Built-up Beams:</u>

Unless otherwise noted, connect multiple 1 3/4" ply beams as follows: 3 ply & up, fasteners are per side

5 ply & up, lastellers are per sid

#### (2) 9 1/4" LVL: • Flush framed

(2) rows 3 3/8" TrussLock @ 24" oc, or
 (2) rows SDS 1/4x3 1/2 @ 24" oc
 Framed under (2) rows 10d nails @ 24" oc

### <u>(2) 11 1/4" LVL:</u>

Flush framed

 (2) rows 3 3/8" TrussLock @ 19.2" oc, or
 (2) rows SDS 1/4x3 1/2 @ 19.2" oc

• Framed under (2) rows 10d nails @ 24" oc

#### (2) 16" LVL or greater:

Flush framed

 (3) rows 3 3/8" TrussLock @ 19.2" oc, or
 (3) rows SDS 1/4x3 1/2 @ 19.2" oc

 Framed under (2) rows 10d nails @ 24" oc

#### (3) 9 1/4" LVL: ● Flush framed

(2) rows 3 3/8" TrussLock @ 19.2" oc, or
 (2) rows SDS 1/4x3 1/2 @ 19.2" oc
 Framed under (2) rows 10d nails @ 24" oc

#### (3) 11 1/4" LVL:

Flush framed
 (2) rows 3 3/8" TrussLock @ 16" oc. or

(2) rows SDS 1/4x3 1/2 @ 16" oc
Framed under (2) rows 10d nails @ 24" oc

#### (3) <u>14" LVL:</u>

Flush framed

 (3) rows 3 3/8" TrussLock @ 16" oc, or
 (3) rows SDS 1/4x3 1/2 @ 16" oc

 Framed under (2) rows 10d nails @ 24" oc

### (3) <u>16" LVL or greater</u>:

• Flush framed

(3) rows 3 3/8" TrussLock @ 16" oc, or
 (3) rows SDS 1/4x3 1/2 @ 16" oc

• Framed under (2) rows 10d nails @ 24" oc (4) 9 1/4" LVL:

#### • Flush framed

(2) rows 5" TrussLock @ 16" oc, or
 (2) rows SDS 1/4x6 @ 16" oc

• Framed under (2) rows 10d nails @ 24" oc

#### (4) 11 1/4" LVL: ● Flush framed

• (2) rows 5" TrussLock @ 16" oc, or

(2) rows SDS 1/4x6 @ 16" oc
Framed under (2) rows 10d nails @ 12" oc

#### (4) 16" LVL or greater:

Flush framed

 $\circ~$  (3) rows 5" TrussLock @ 16" oc, or  $\circ~$  (3) rows SDS 1/4x6 @ 16" oc

• Framed under (2) rows 10d nails @ 12" oc Beam Substitutions:

(2) 9 1/4" LVL may replace a double or triple 2x10 beam. No other substitutions are allowed. Conventional lumber beams MAY NOT be substituted for LVL beams by any "rule of thumb". Substitutions must be calculated by either Artform or a structural engineer. If calculated by a structural engineer, provide stamped plans and/or calculations.

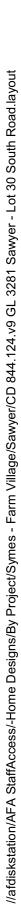
We specify LVL beams as built up members to allow framers to use existing stock. You may substitute single piece LVLs of equivalent overall size for built-up members, unless otherwise noted

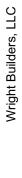
### Built-up members MAY NOT replace single piece LVL's where specified.

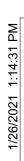
Where a beam of 1 3/4" or less in width is specified as framed under, either brace at 48" or double member for lateral stability.

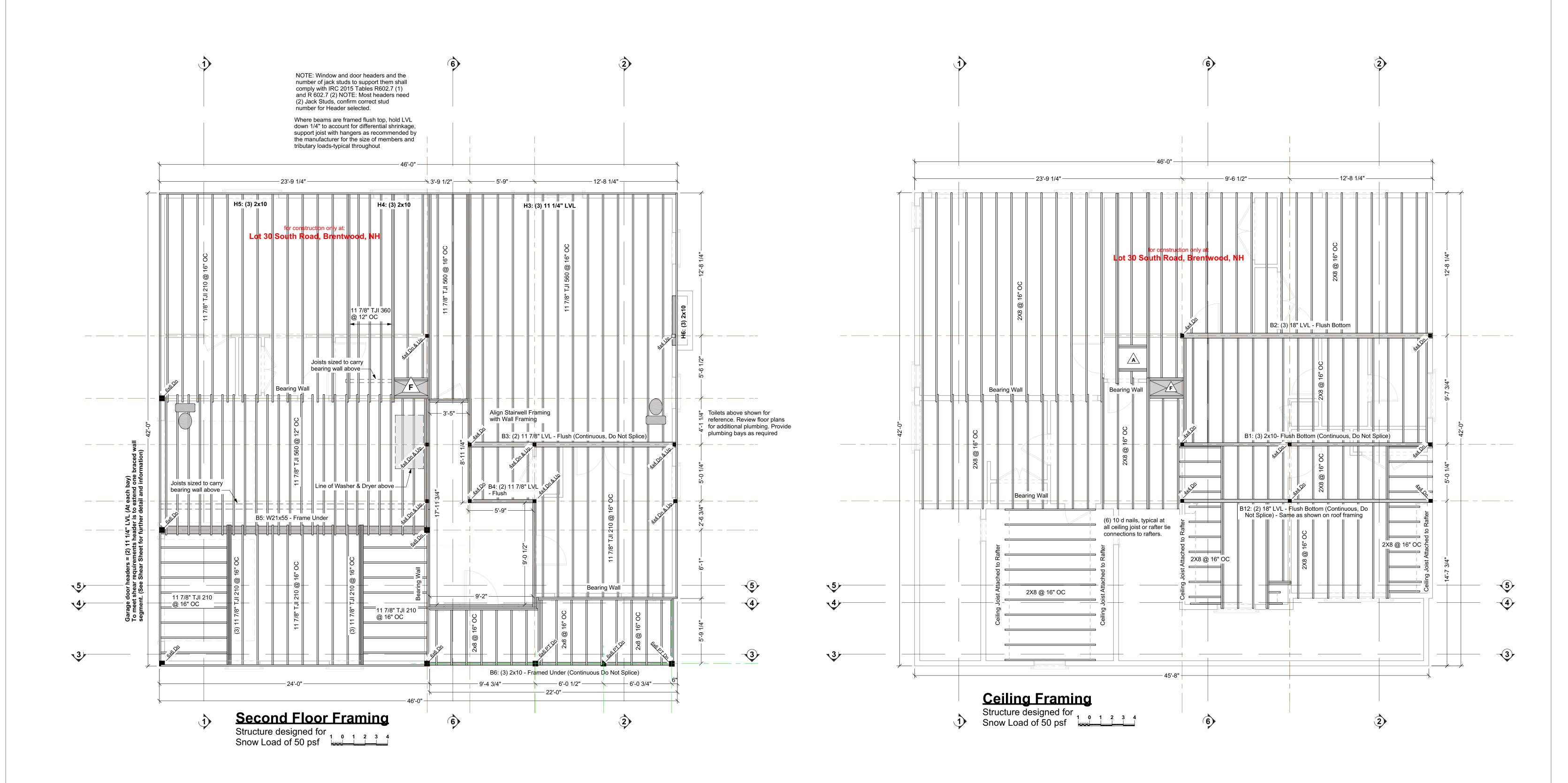
Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

Artform Home Plans	
AFHP Design # 844.124.v9 GL 2017-2021Art Form Architecture 603.431.9559	
Sawyer Lot 30 South Road Brentwood, NH	8
/4"=1'-0" unless noted otherwise / Print @ 1:1 DF created on: 1/26/2021, drawn by ACJ	Issued for: Construction



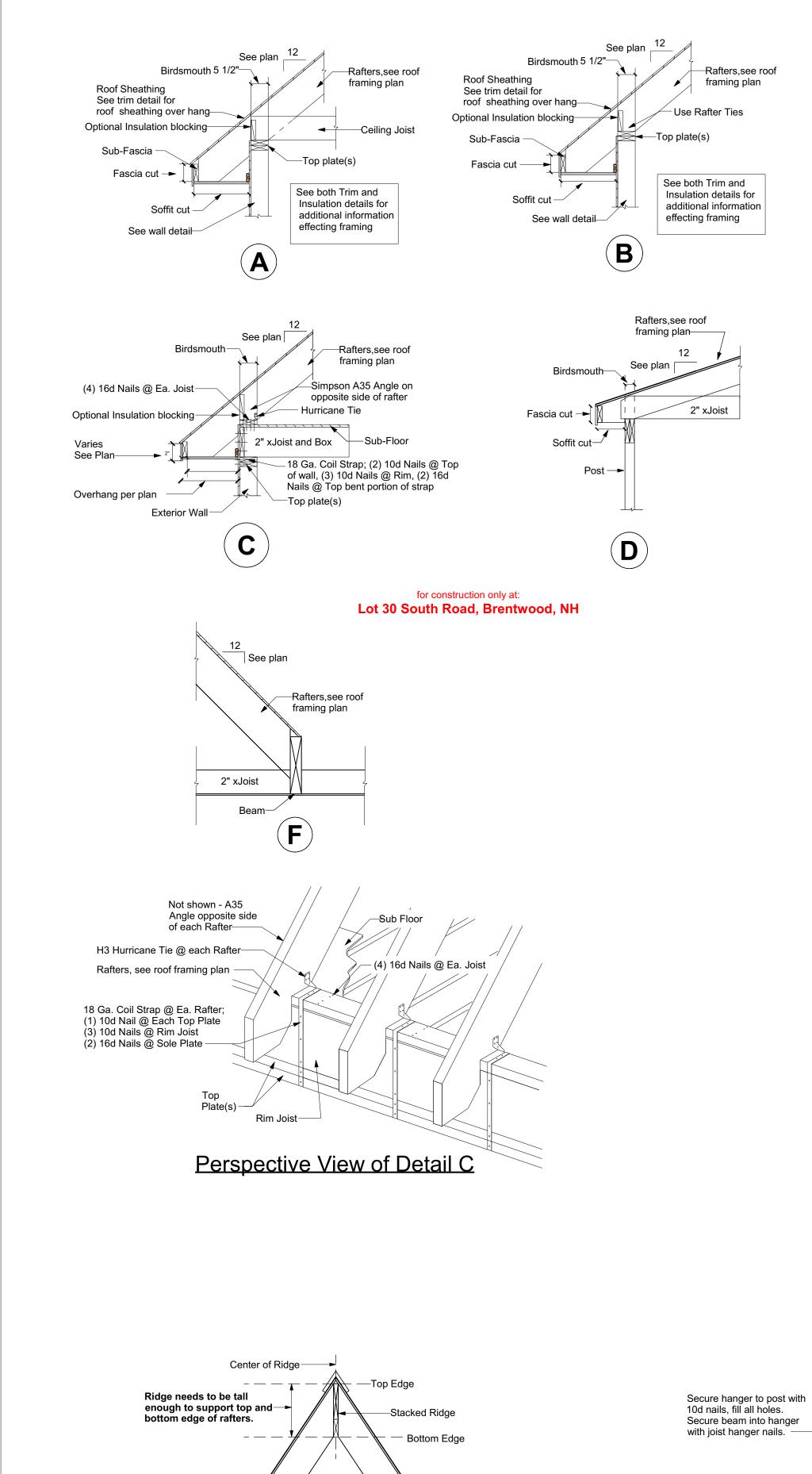


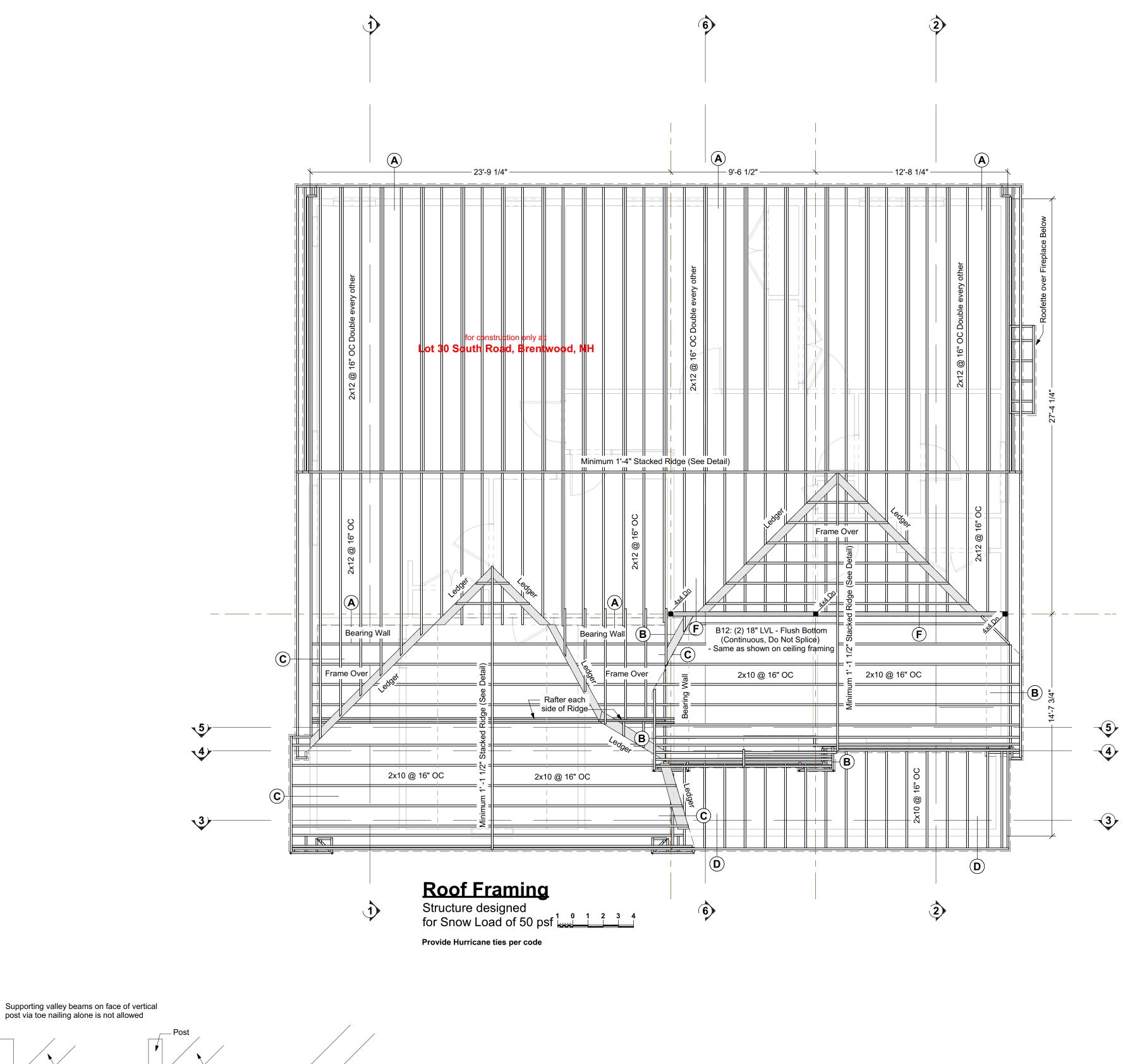


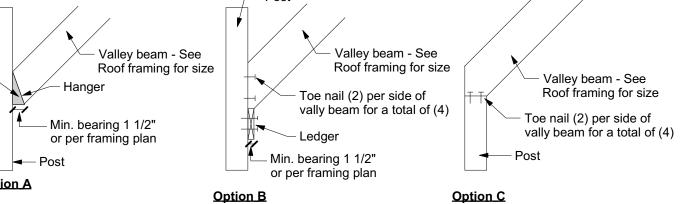


Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

Artform Home Plans	
AFHP Design # 844.124.v9 GL 2017-2021Art Form Architecture 603.431.9559	
Sawyer Lot 30 South Road Brentwood, NH	9
/4"=1'-0" unless noted otherwise / Print @ 1:1 PDF created on: 1/26/2021, drawn by ACJ	Issued for: Construction







Valley Beam Attachment Options

Option A

Your use of these drawings constitutes an acceptance of responsibility as outlined in "Dear Code Officer" on the first page of these drawings, and on our web site: http://www.artformhomeplans.com/TermsConditions.a5w

Artform Home Plans	
AFHP Design # 844.124.v9 GL 2017-2021Art Form Architecture 603.431.9559	
Sawyer	10
Lot 30 South Road	1()
Brentwood, NH	ΤŪ
/4"=1'-0" unless noted otherwise / Print @ 1:1	Issued for:
DF created on: 1/26/2021, drawn by ACJ	Construction



	Main	Future	Apt	Main + Future	Main + Apt	All
Living Area	1894 SF	377 SF	0 SF	2271 SF	1894 SF	2271 SF
Bedrooms	3	2	0	5	3	5
Baths	2.5	0.0	0.0	2.5	2.5	2.5

<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

#### © 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

# Artform Home Plans

Dear Builders and Home Buyers,

In addition to our Terms and Conditions (the "Terms"), please be aware of the following:

This design may not yet have Construction Drawings (as defined in the Terms), and is, therefore, only available as a Design Drawing (as defined in the Terms and together with Construction Drawings, "Drawings'). It is possible that during the conversion of a Design Drawing to a final Construction Drawing, changes may be necessary including, but not limited to, dimensional changes. Please see Plan Data Explained on www.ArtformHomePlans.com to understand room sizes, dimensions and other data provided. We are not responsible for typographical errors.

Artform Home Plans ("Artform") requires that our Drawings be built substantially as designed. Artform will not be obligated by or liable for use of this design with markups as part of any builder agreement. While we attempt to accommodate where possible and reasonable, and where the changes do not denigrate our design, any and all changes to Drawings must be approved in writing by Artform. It is recommended that you have your Drawing updated by Artform prior to attaching any Drawing to any builder agreement. Artform shall not be responsible for the misuse of or unauthorized alterations to any of its Drawings.

#### Facade Changes:

- To maintain design integrity, we pay particular attention to features on the front facade, including but not limited to door surrounds, window casings, finished porch column sizes, and roof friezes. While we may allow builders to add their own flare to aesthetic elements, we don't allow our designs to be stripped of critical details. Any such alterations require the express written consent of Artform.
- Increasing ceiling heights usually requires adjustments to window sizes and other exterior elements.

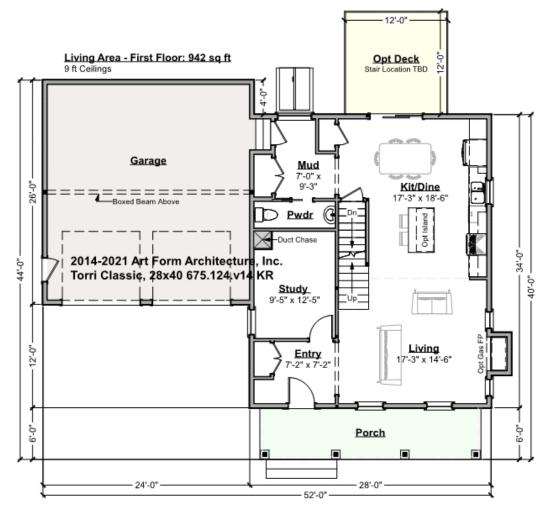
#### Floor plan layout and/or Structural Changes:

- Structural changes always require the express written consent of Artform
- If you wish to move or remove walls or structural elements (such as removal of posts, increases in house size, ceiling height changes, addition of dormers, etc), please do not assume it can be done without other additional changes (even if the builder or lumber yard says you can).

### **First Floor**

	Area	Beds	Baths	
Main	942 SF	0	0.5	
Future	0 SF	1	0	
Apt	0 SF	0	0	
Total	942 SF	1	0.5	
	Ceiling	Height		
	Shown	9'-0"		
	Possible*	8'-0"		
* See Major Change information on plan page for cost				

# Artform Home Plans



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

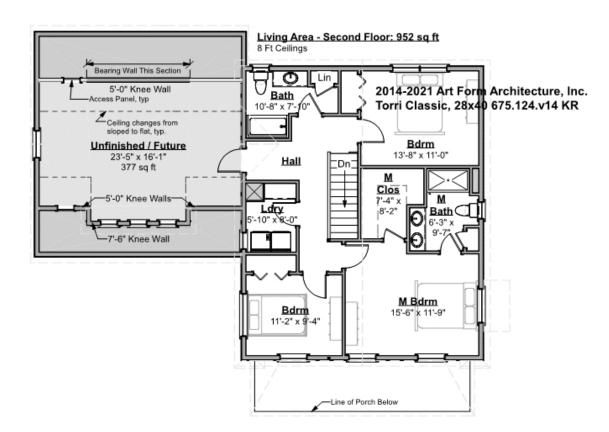
You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### Second Floor

	Area	Beds	Baths	
Main	952 SF	3	2	
Future	377 SF	1	0	
Apt	0 SF	0	0	
Total	1329 SF	4	2	
Ceiling Height				
	Shown	8'-0"		
	Possible*	9'-0"		
* See Major Change information on plan page for cost				



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

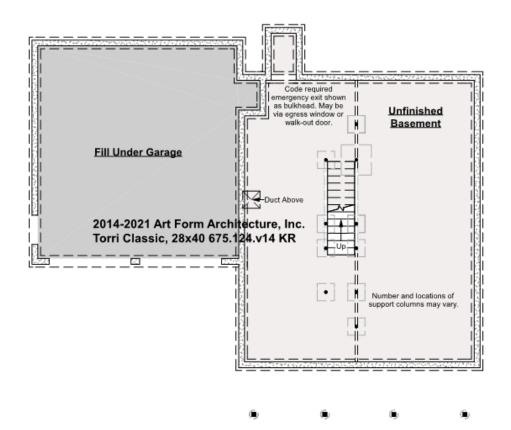
You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### **Basement Floor**

	Area	Beds	Baths	
Main	0 SF	0	0	
Future	0 SF	0	0	
Apt	0 SF	0	0	
Total	0 SF	0	0	
Ceiling Height				
	Shown	7'-8"		
	Possible*	9'-0"		
* See Major Change information on plan page for cost				



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

#### © 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### **Front Elevation**



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

### **Right Elevation**



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

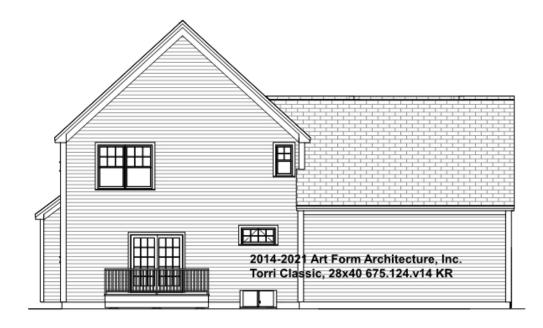
© 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

## Artform Home Plans

### **Rear Elevation**



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.

# Artform Home Plans

#### Left Elevation



<u>Use of this document</u> is governed by our **Terms and Conditions**, found on our website: <u>http://www.artformhomeplans.com/TermsConditions.a5w</u>

© 2014 Art Form Architecture, Inc. ALL RIGHTS RESERVED.

You may not build this Design without purchasing a License to Build (as defined in our Terms). Unauthorized changes are not permitted and violate copyright laws, which provide substantial penalties for infringement.

Some features show are optional. Your Purchase & Sale Agreement governs, whether items are labeled "optional" in this document or not.