TIMBER FRAMING NOTES:

1. All Timber framing shall be in accordance with the AITC timber construction manual or the national design specification (NDS) - latest edition
2. Individual timber framing members shall be visually graded, minimum grade #2 Spruce-Pine-Fir (SPF), kiln dried to 19% maximum moisture content.
3. Preservative treated (P.T.) timber shall be southern yellow pine treated with ACQ water borne preservative in accordance with AWPA treatment C1 with 0.40 PCF retainage for items in contact with roofing, masonry or concrete with 0.60 PCF retainage for items in contact with earth.
4. Metal connectors shall be used at all timber to timber connections or as noted on the design drawings. All metal connectors in contact with pressure treated timber shall be stainless steel.
5. Provide Simpson H2.5A hurricane anchors where timber framing and/or trusses bear on bearing wall.
6. Nailing not specified shall conform with IRC 2009. All nails in contact with pressure treated timber shall be stainless steel.
10. LVL indicated laminated veneer lumber beams manufactured by Boise Cascade or approved equal.

SHEATHING SPECIFICATIONS:

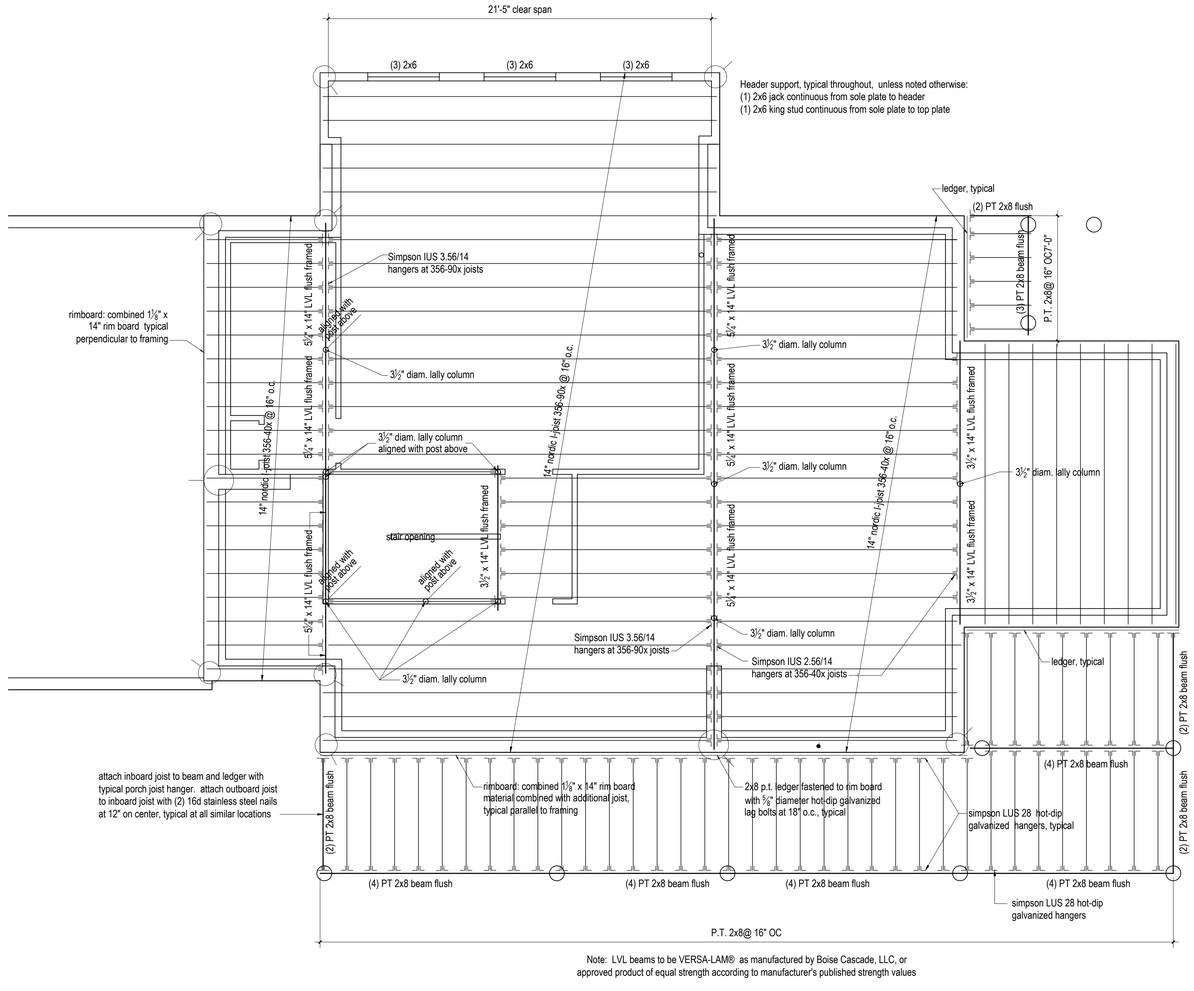
11. WALL: Provide ½" thick APA rated exterior wall sheathing fastened w/ 10d nails @ 4" o.c. at panel edges and 6" o.c. intermediate. Lap sheathing 1'-0" minimum over existing structure (Where applicable).
12. ROOF: Provide $\frac{5}{8}$" thick APA rated roof sheathing fastened w/ 10d nails @ 6" o.c. at panel edges and intermediate.
13. FLOOR: Provide ¾" thick APA rated floor sheathing fastened w/ construction adhesive and 10d ring shank nails @ 6" o.c. at panel edges and intermediate.

TIMBER TRUSS NOTES:

1. Timber trusses shall be designed in accordance with structural loading produced by IBC 2009 and ASCE 7-Latest Edition.
2. Materials: Stress graded lumber, metal plate connectors. Minimum grade No. 2 M.S.R. Lumber, kiln dried, 15% maximum M.C., or approved alternate.
3. Applicable specifications:
3.1. National Design Specification for stress graded lumber and its fastening (NDS).
3.2. Design specifications for light metal plate connected wood trusses (TPI-latest edition).
4. Bracing: The truss manufacturer shall specify all bracing required both for temporary construction loading and for permanent lateral support of compression members and for permanent chord/web bracing.
5. Submittals:
5.1. Submit design calculations, shop drawings, and erection procedures all affixed with the seal of a professional structural engineer licensed in the State of New Hampshire
5.2. Shop drawings shall show stress grade and size of members, size and location of plate connectors, size and location of bracing, and shall be approved by the truss designer.
6. All fabricated trusses shall be inspected at the fabrication plant and approved trusses shall receive the TPI mark of approval in accordance with the truss plate institute in-plant inspection license agreement.
7. Connector plates shall be galvanized.
8. Provide Simpson H2.5A hurricane anchors at all locations where trusses bear on bearing walls.

GENERAL TIMBER FRAMING NOTES

1. Builder shall coordinate location of wall studs with truss layout drawings.
2. Structural members, including wall studs in bearing walls, floor joists and trusses, roof joists and trusses shall have centerlines aligned to within 1"
3. Metal splice plate for single top plate at bearing walls: 3 x 6 x 0.036" galvanized steel plate with (6) 8d nails each side of splice
4. Metal connectors shall be used as noted on the design drawings. Fastener designations are for Simpson Strong-Tie Manufacturing Company
5. All Timber framing shall be in accordance with the AITC timber construction manual or the national design specification (NDS)- latest edition
6. Individual timber framing members shall be visually graded, minimum grade #2 Spruce-Pine-Fir (SPF), kiln dried to 19% maximum moisture content.
7. Timber shall be southern yellow pine treated with ACQ water borne preservative in accordance with AWPA Treatment C1 with 0.40 PCF retainage for items in contact with roofing, masonry or concrete or with 0.60 PCF retainage for items in contact with earth.
8. Metal fasteners and connectors in contact with preservative treated lumber shall be stainless steel or "Z-Max" finished.
9. Provide Simpson H2.5a hurricane anchors where timber framing and/or trusses bear on walls.
10. Nailing not specified shall conform with IRC 2003.
11. Provide ½" thick APA rated exterior wall sheathing fastened w/ 10d nails @ 4" o.c. at panel edges and 6" o.c. intermediate.
12. Provide $\frac{5}{8}$" thick APA rated roof sheathing fastened w/ 10d nails @ 6" o.c. at panel edges and intermediate.
13. Provide ¾" thick APA rated floor sheathing fastened w/ construction adhesive and 10d ring shank nails @ 6" o.c. at panel edges and intermediate.
14. Provide stub columns in floor framing to maintain continuity of columns above and below floor framing. Stub columns to match size and be aligned with columns above. See detail.
15. Refer to and coordinate information on the architectural sheets with information shown on framing plans.
16. Dropped headers to be supported by framing as called out, or where not called out, provide one 2x jack stud and one 2x king stud in width of adjacent wall. King studs to be continuous from sill > to top >. Jack studs to be continuous from sill plate to underside of header assembly
17. I-joists shall be installed in accordance with manufacturer's requirements. Flanges may not be cut, drilled or notched. Cutting holes in webs can only be done in strict accordance with the manufacturer's rules for size, shape, location, proximity and number of holes per joist.
18. Flashing in contact with preservative treated wood shall be stainless steel or Grace Vycor Aluminum Flashing. Do not allow the aluminum portion of the composite flashing to contact the treated wood framing



Note: LVL beams to be VERSA-LAM® as manufactured by Boise Cascade, LLC, or approved product of equal strength according to manufacturer's published strength values

1 1st Floor Framinf Praming
scale: 1/4 " = 1'-0"

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Tamaki, Single Family Residence
131 River's Edge Road,
Portland Maine
CBL: 229 A 045
ZD C8, Shoreland Overlay

First Floor Framing Plan

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