TIMBER TRUSS NOTES:

1. Timber trusses shall be designed in accordance with structural loading produced by IRC 2009 and ASCE 7-88.

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:

   a) National Design Specification for stress graded lumber and its fastening (NDS).

   b) 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 per Truss Plate Institute (TPI) requirements and for permanent lateral support of compression members and for permanent chord/web bracing.

5. Submittals:

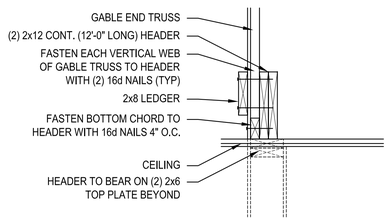
   a) Submit design calculations, shop drawings, and erection procedures all affixed with the seal of a professional structural engineer licensed in the State of Maine.

   b) 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.

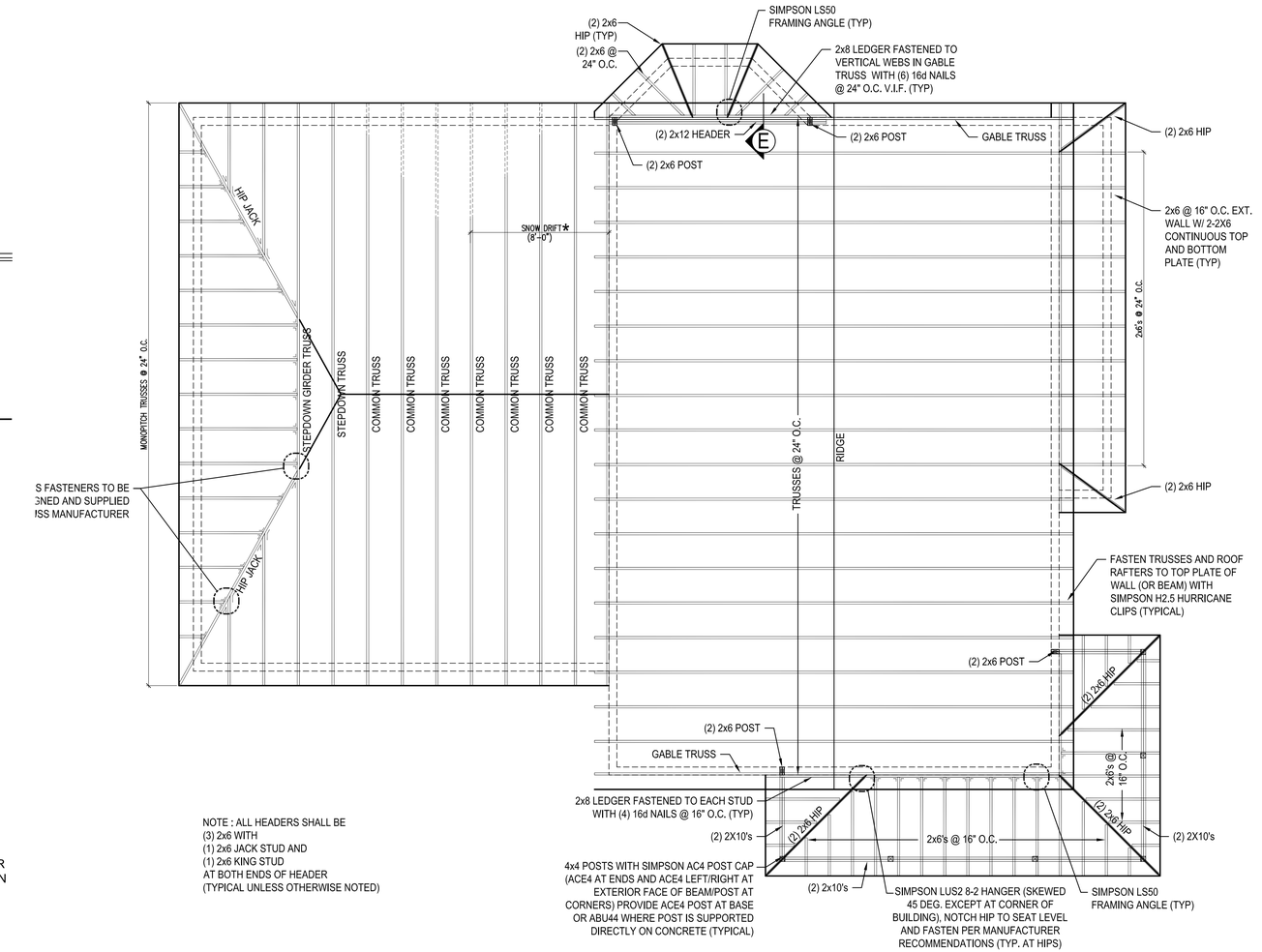
8. Provide Simpson H2.5 hurricane anchors at all locations where trusses bear on bearing walls and structural beams.



E | LEDGER ATTACHED TO GABLE TRUSS/ HEADER
SCALE: 1"=1'-0"

ROOF TRUSS LOADING
TCLL: = 40 P.S.F. (★85 P.S.F. AT SNOW DRIFT AREAS)
TCDL: = 10 P.S.F.
BCLL: = 20 P.S.F. (IN AREAS WITH 3'-6" ABOVE BOTTOM CHORD)
BCLL: = 10 P.S.F.

NOTE:
1. MAXIMUM PERMISSIBLE LIVE LOAD DEFLECTION SHALL BE L/360.
2. TRUSS DESIGNER SHALL DESIGN TRUSSES FOR APPLICABLE LIVE, DEAD AND LATERAL LOADS IN ACCORDANCE WITH THE 2009 IRC INTERNATIONAL RESIDENTIAL BUILDING CODE INCLUDING WIND, SNOW, UNBALANCED SNOW AND DEAD LOADS (TYP).
3. TEMPORARY AND PERMANENT TOP CHORD, BOTTOM CHORD AND WEB BRACING SHALL BE INSTALLED IN ACCORDANCE WITH TPI AND THE HIB-LATEST EDITION REPORT.



NOTE : ALL HEADERS SHALL BE
(3) 2x6 WITH
(1) 2x6 JACK STUD AND
(1) 2x6 KING STUD
AT BOTH ENDS OF HEADER
(TYPICAL UNLESS OTHERWISE NOTED)

1 | ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"

Prepared For: TEXT
Address
City, State

Consulting Engineer:

Architect:
ARCHETYPE architects
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project: THE COLONIAL
OPIOTN #1

Revisions:

Scale: 1/4" = 1'-0"

Date: 13 Dec 2012

ROOF FRAMING AND DETAILS

S4