

Design Criteria

Seismic Design Category - B
 Ground Snow Load - 50#
 Wind Speed - 100 MPH
 Weathering - Severe
 Termite - Slight
 Ice Barrier Underlayment Required

Air Freezing Index, Glens Falls 1688
 Vertical 5.6 R-Value @ Foundation

Provide Waterproofing, Vapor Barrier

Loading Notes

Attics w/ Limited Storage - 20#/sf
 Decks - 40#/sf
 Balconies - 60#/sf
 Rooms - 40#/sf
 Sleeping Rooms - 30#/sf

Floors L/360 Deflection

Structural Notes

Loading, 1st floor = 40 psf live load, 10 psf dead load
 2nd floor = 30 psf live load, 10 psf dead load
 Roof=45 psf live load, 10 psf dead load

Do not change size nor spacing of structural elements.

Provide blocking between joists over parallel partitions

Provide double joists under parallel partitions.

All load bearing headers are to be (2) 2x10's unless noted otherwise.

Provide bridging at midspan of joists and rafters.

All double & triple 2x's & ML's are to be fastened together with two rows of 16D nails from each side @ 12" o.c. and 2" from edge of member.

All framing lumber is to be SPF no. 1 or better unless specified otherwise.

Wood in contact with concrete shall be pressure treated.

Provide bridging and blocking as required by manufacturer of TJI joists and parallam beams and all framing members.

Provide proper fire blocking to cut off all concealed draft openings and to form an effective air barrier between stories.
 Provide fire blocking:

- In concealed spaces of stud walls at ceilings and floor levels.
- In concealed horizontal spaces at intervals not exceeding 10 ft.
- In concealed soffits, drop ceilings and cove ceilings.
- In concealed spaces between stair stringers at top and bottom of run.
- At openings around vents, ducts and pipes at ceiling and floor level.

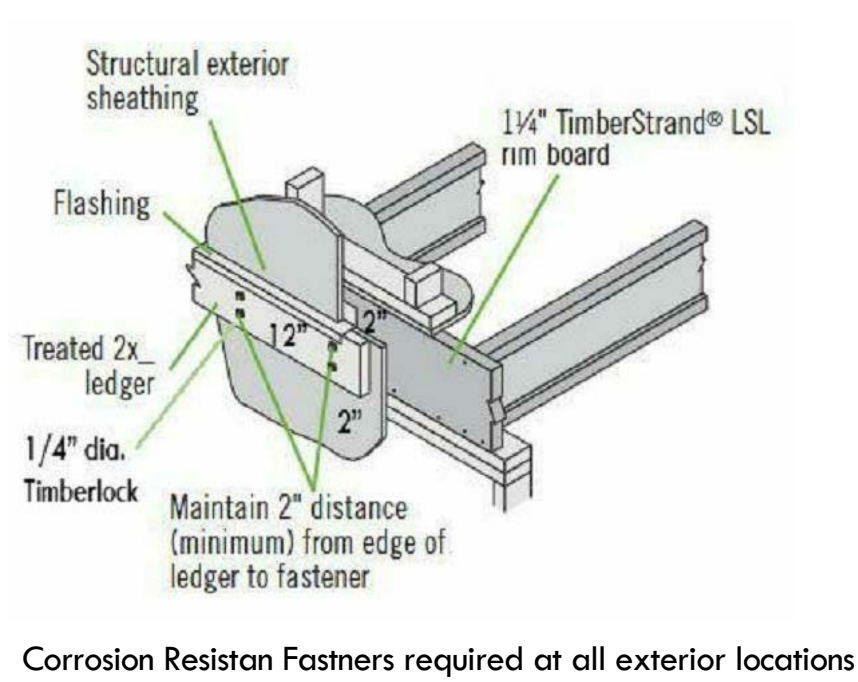
Provide double plate at all top of wall locations.

All details and connections as per Weyerhaeuser iLevel manufacturer's guidelines for TrusJoist, Timberstrand LSL, Microllam LVL and Parallam PSL framing members.

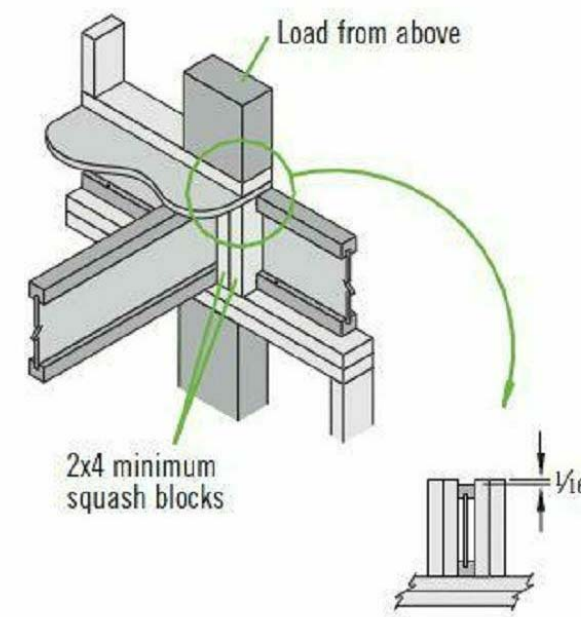
All steel columns to be painted with rust-inhibitive paint

-paul lewandowski AIA
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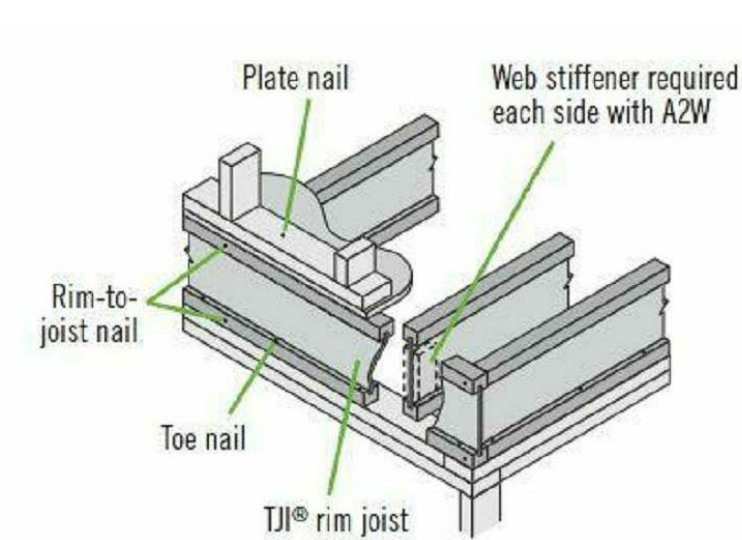
Bean/Kerekes Residence
 114 Mackworth Street, Portland, Maine



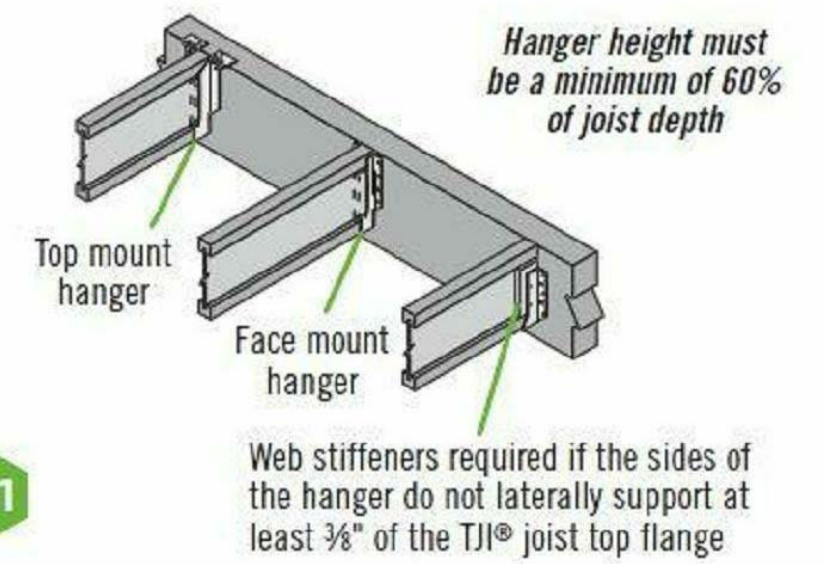
1 Exterior Deck Attachment Detail
 3/4" = 1'-0"



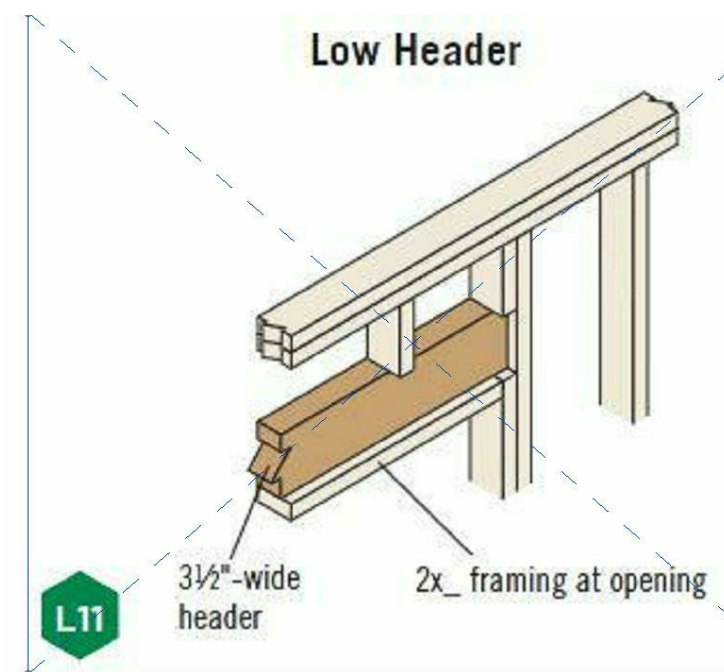
4 Blocking @ Columns
 3/4" = 1'-0"



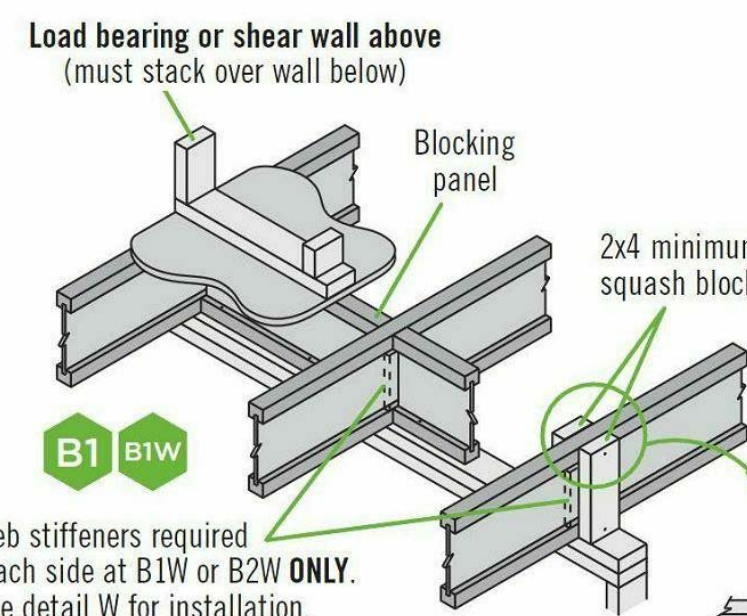
2 Drafting Perimeter Framing Detail
 3/4" = 1'-0"



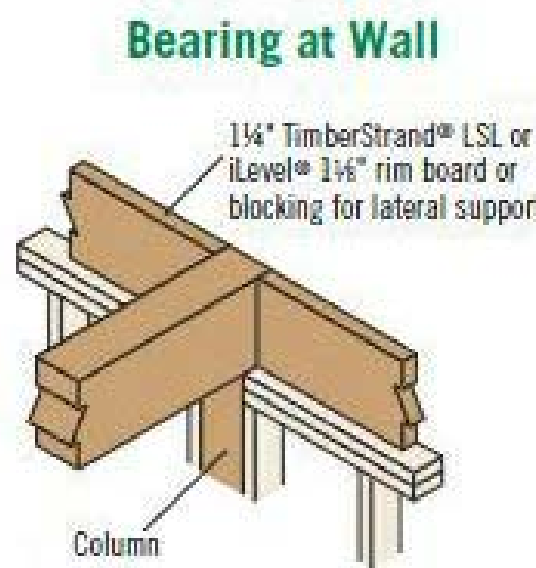
5 Joist Hanger Detail
 3/4" = 1'-0"



6 Low Header Framing Detail
 3/4" = 1'-0"

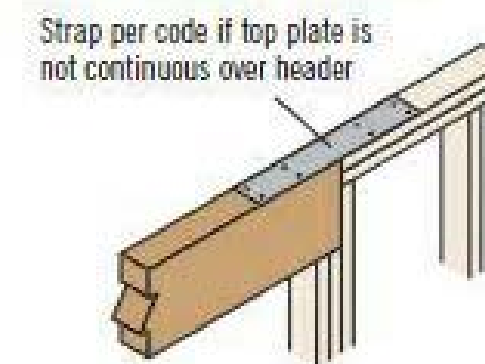


3 Blocking Detail @ Walls
 3/4" = 1'-0"

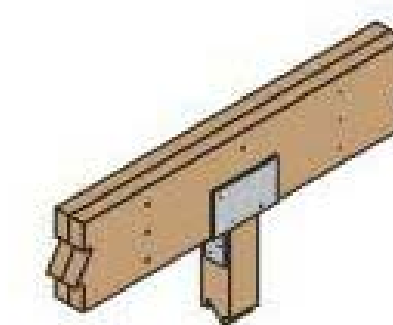


7 Bearing at Concrete Wall

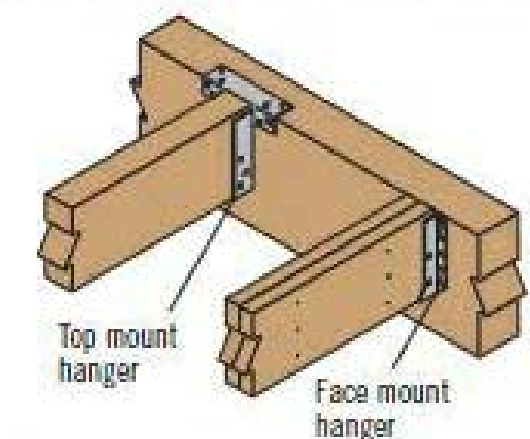
Bearing for Door or Window Header



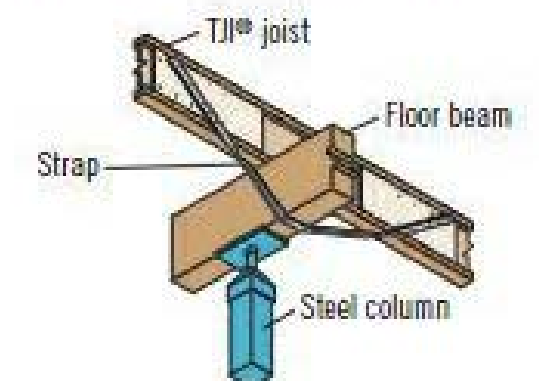
Bearing at Column



Beam to Beam Connection



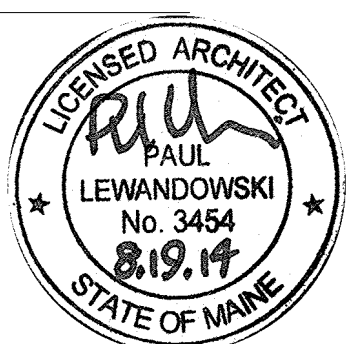
Beam to Column Lateral Brace



7 Beam Connection Details
 3/4" = 1'-0"

BEAM DETAILS

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Structural Notes and Details

Project number 2014-19
 Date 8.19.14

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Scale 3/4" = 1'-0"