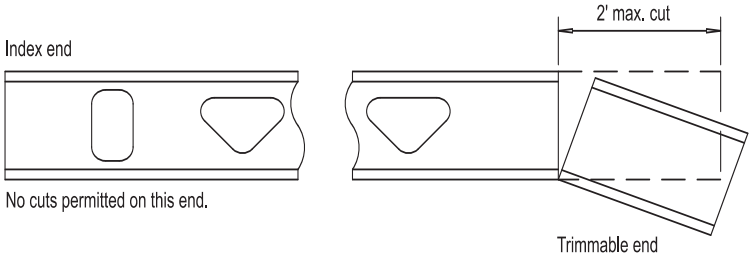
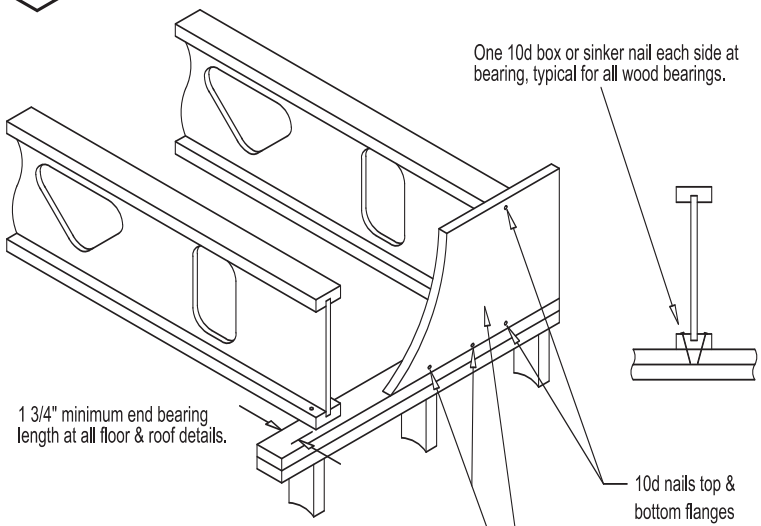
T1 TRIMMING LIMITATIONS



For 6' stock joist, a 15" cut is allowed on each end.

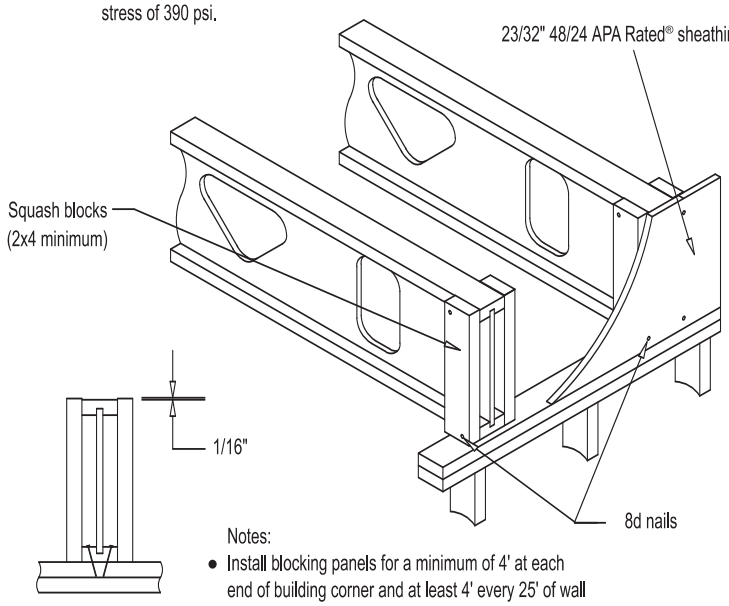
T2 ATTACHMENT AT END BEARING



To avoid splitting flange, start nails at least 1 1/2" from end. Drive nails at an angle to prevent splitting of bearing plate.

T3 SQUASH BLOCKS & SINGLE RIM JOIST

Vertical load transfer = 2000 plf max. along load bearing wall based on bearing stress of 390 psi.



Notes:

- Install blocking panels for a minimum of 4' at each end of building corner and at least 4' every 25' of wall length. Attach to plate with 8d nails at 6" o.c.
- Check local building code for appropriate detail in areas of high lateral load.

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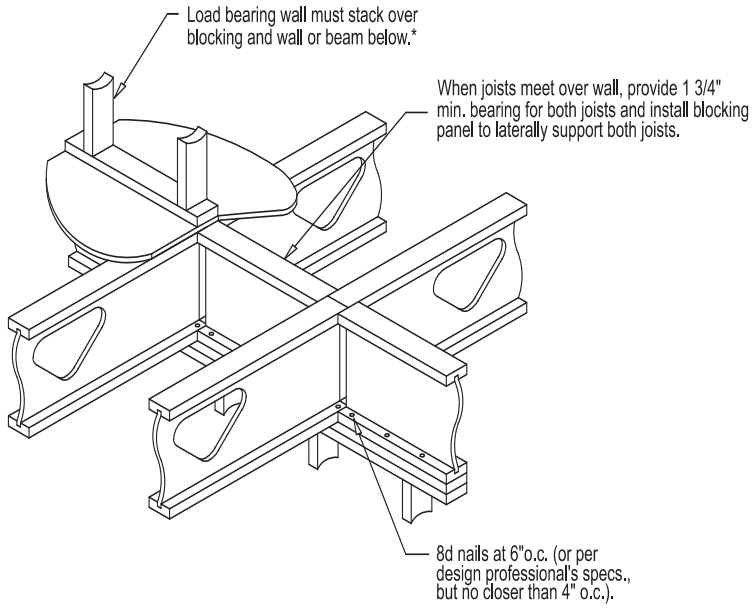
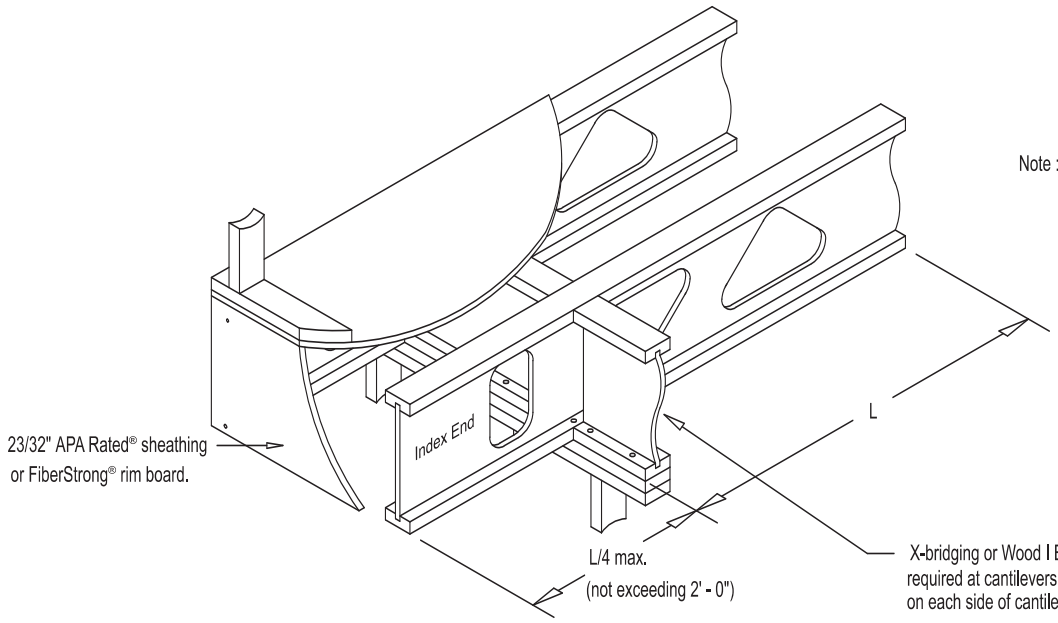
T4 BLOCKING PANEL, INTERIOR

Vertical load transfer = 2000 plf max. along bearing wall



* Non-stacking walls require additional consideration.

T5 CANTILEVER, non-trimmable end (NO REINFORCEMENT REQUIRED)

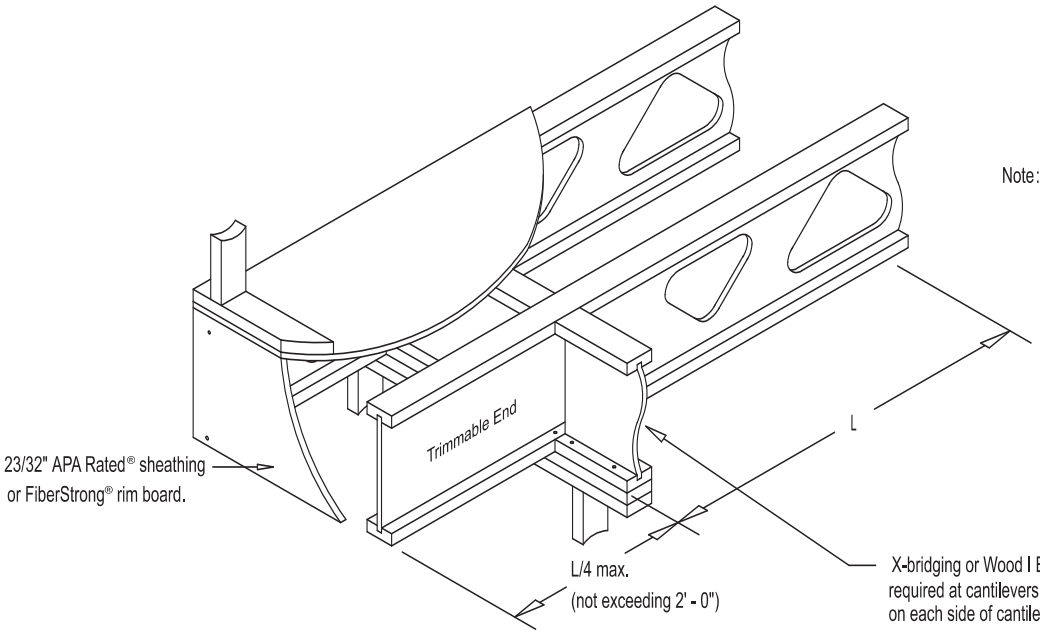


Note : Protect Wood I Beam™ joists from the weather.

Limited load capacity at cantilever. Structural verification required.

Georgia-Pacific

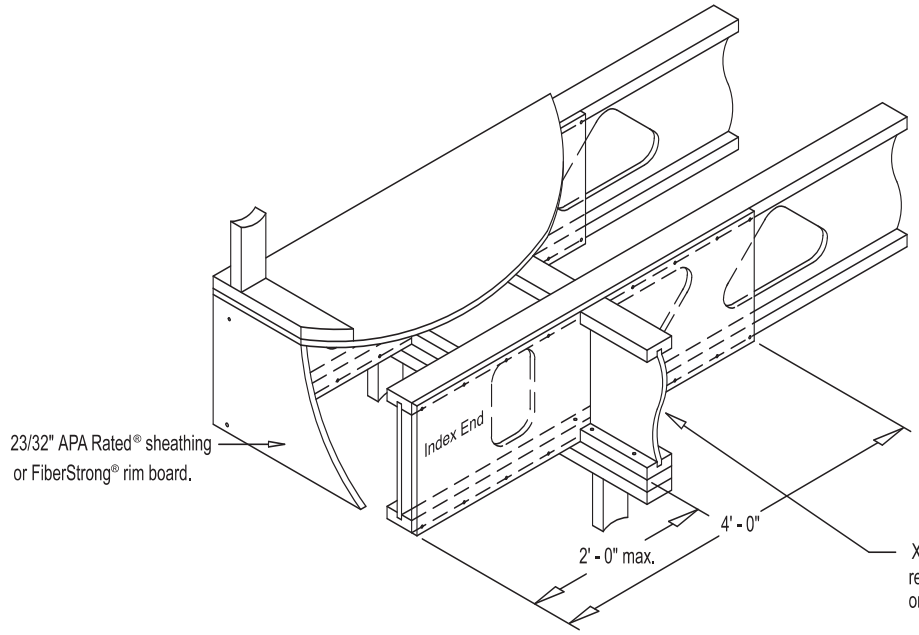
T6 CANTILEVER, trimmable end (NO REINFORCEMENT REQUIRED)



Note: Protect Wood I Beam™ joists from the weather.

Limited load capacity at cantilever. Structural verification required.

T7 CANTILEVER, non-trimmable end (SINGLE REINFORCEMENT)



Note: Protect Wood I Beam™ joists from the weather.

Note: FiberStrong® rim board or 48/24 APA Rated® sheathing (min. thickness 23/32", face grain horizontal) required on one side of joist. Depth must match the full depth of the joist. Nail with 8d nails at 6" o.c., top and bottom flange.

Limited load capacity at cantilever. Structural verification required.

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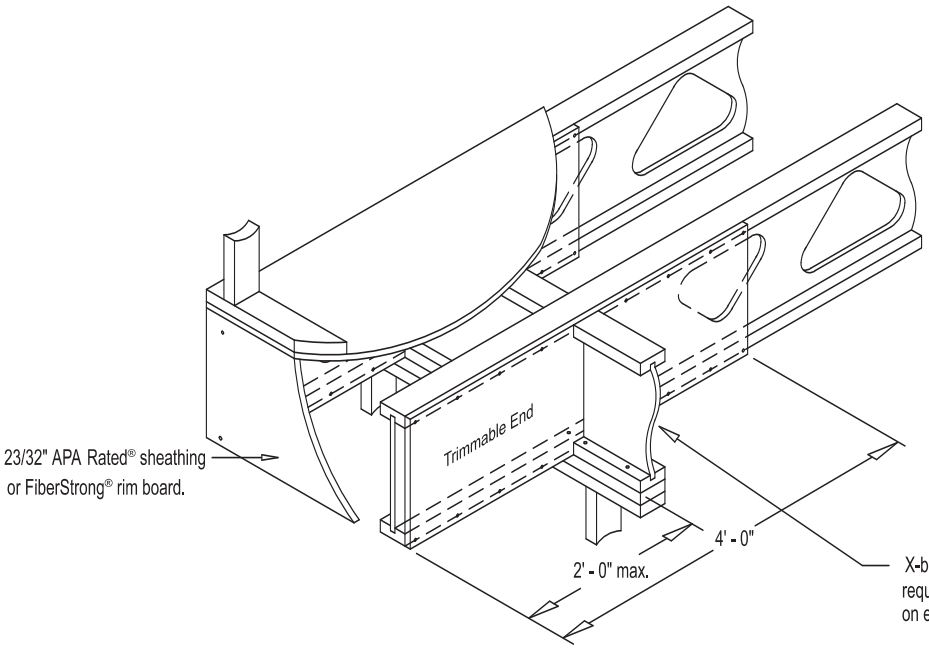
T8 CANTILEVER, trimmable end (SINGLE REINFORCEMENT)

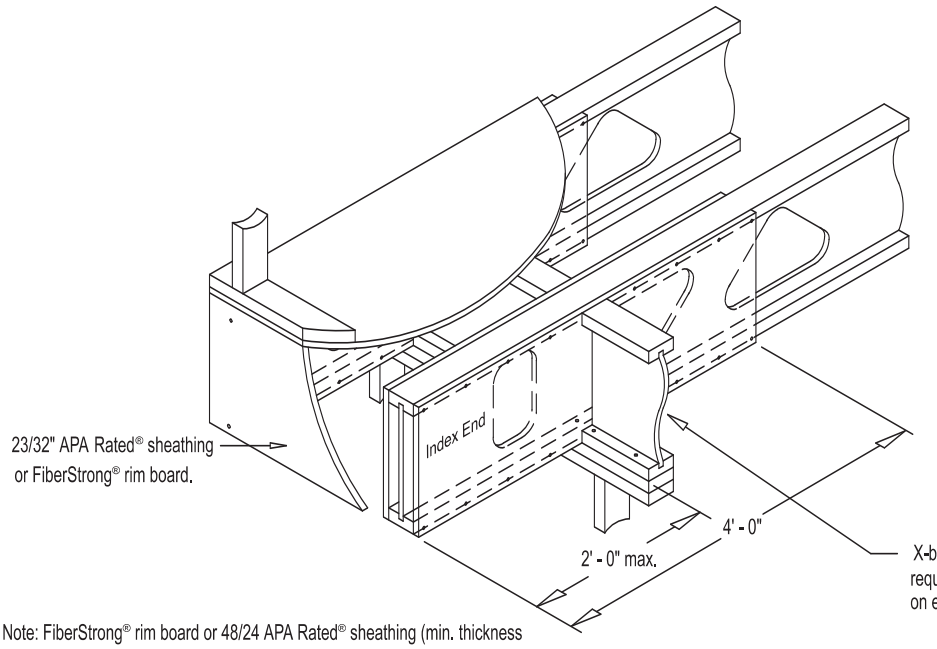


Note: Protect Wood I Beam™ joists from the weather.

Note: FiberStrong® rim board or 48/24 APA Rated® sheathing (min. thickness 23/32", face grain horizontal) required on one side of joist. Depth must match the full depth of the joist. Nail with 8d nails at 6" o.c., top and bottom flange.

Limited load capacity at cantilever. Structural verification required.

T9 CANTILEVER, non-trimmable end (DOUBLE REINFORCEMENT)



Note: Protect Wood I Beam™ joists from the weather.

Note: FiberStrong® rim board or 48/24 APA Rated® sheathing (min. thickness 23/32", face grain horizontal) required on both sides of joist. Depth must match the full depth of the joist. Nail with 8d nails at 6" o.c., top and bottom flange. Offset nailing on opposite side of joist to avoid splitting.

Limited load capacity at cantilever. Structural verification required.

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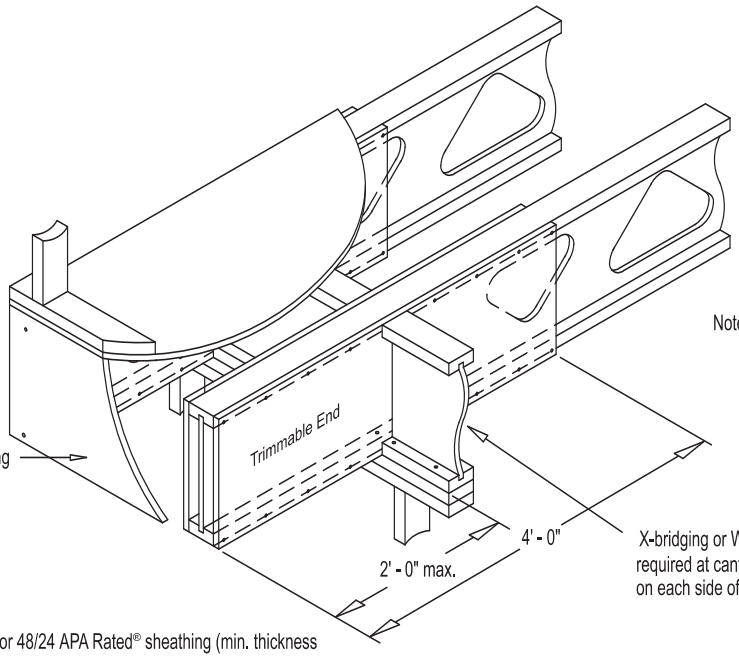
T10 CANTILEVER, trimmable end (DOUBLE REINFORCEMENT)



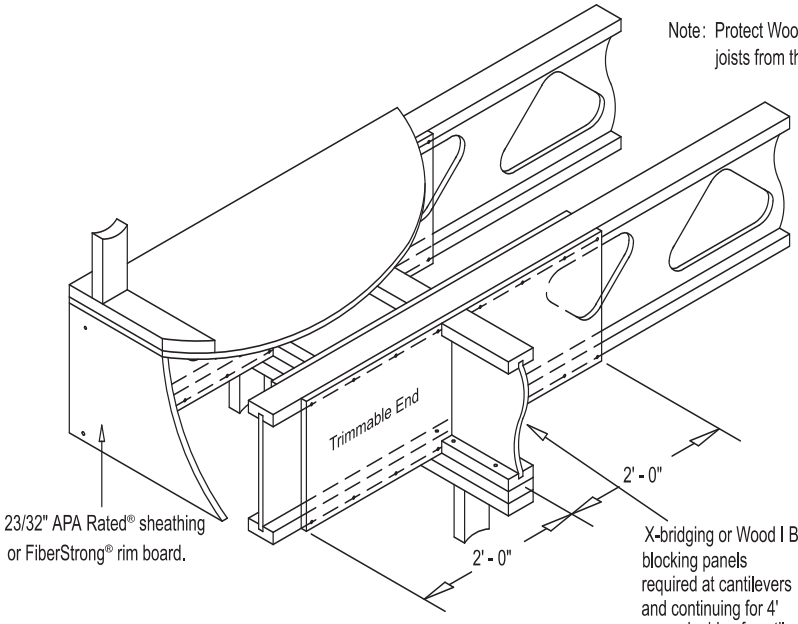
Note: Protect Wood I Beam™ joists from the weather.

X-bridging or Wood I Beam™ blocking panels required at cantilevers and continuing for 4' on each side of cantilevered area.

Note: FiberStrong® rim board or 48/24 APA Rated® sheathing (min. thickness 23/32", face grain horizontal) required on both sides of joist. Depth must match the full depth of the joist. Nail with 8d nails at 6" o.c., top and bottom flange. Offset nailing on opposite side of joist to avoid splitting.

Limited load capacity at cantilever. Structural verification required.

T11 CANTILEVER, trimmable end (DOUBLE REINFORCEMENT)



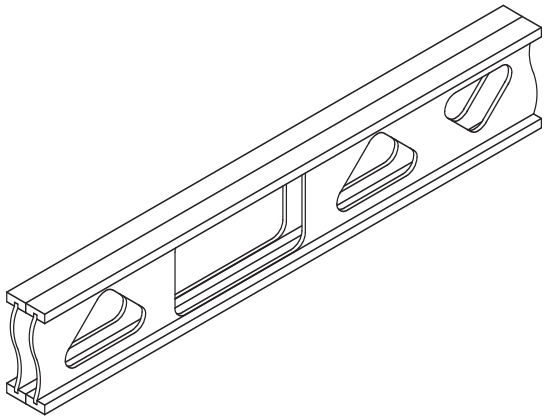
Note: Protect Wood I Beam™ joists from the weather.

X-bridging or Wood I Beam™ blocking panels required at cantilevers and continuing for 4' on each side of cantilevered area.

Note: FiberStrong® rim board or 48/24 APA Rated® sheathing (min. thickness 23/32", face grain horizontal) required on both sides of joist. Depth must match the full depth of the joist. Nail with 8d nails at 6" o.c., top and bottom flange. Offset nailing on opposite side of joist to avoid splitting.

Limited load capacity at cantilever. Structural verification required.

T12 UNATTACHED DOUBLE JOIST



Note:
Double joists are not required to be attached together when all loads are evenly distributed from above to both joists, such as when when a parallel wall is directly centered over the double joist. Sheathing must be attached to top flange of each joist.

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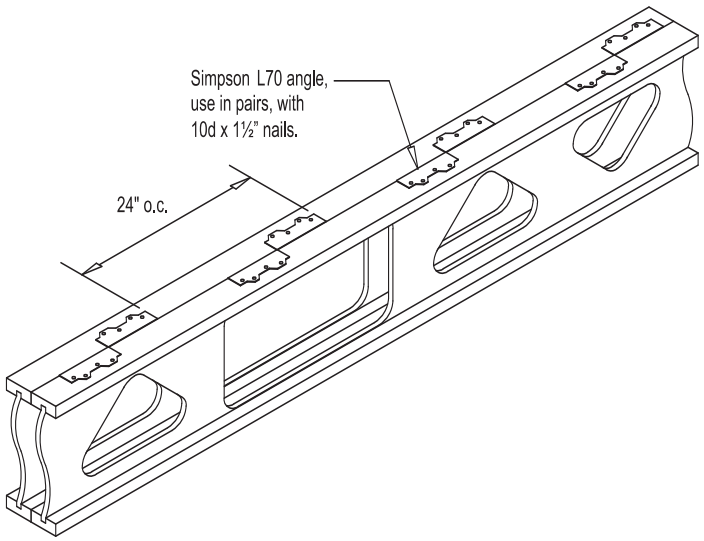
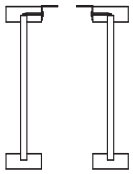
T13 DOUBLE JOIST ATTACHMENT





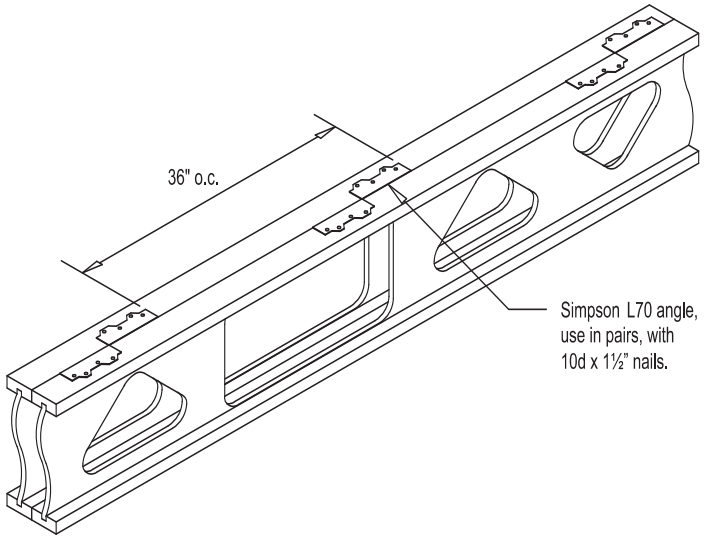
Cross section of angles attached to joists prior to mating joists

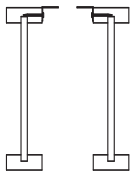
Angle installation
1) Nail side leg of first angle to side face of top flange on one joist.
2) For adjacent angle of the pair, nail side leg to side face of top flange of opposite joist.
3) After all pairs of angles are nailed to flange sides, mate the joists and nail top legs of angles to top flanges.

Notes:

1) For a double joist with Simpson L70 angle pairs spaced at 24" o.c.:
   a. Maximum uniform load applied to one member is 305 plf.
   b. Maximum concentrated load applied to one member is 610 lbs.
2) Verify adequacy of joist to support these loads.

T14 DOUBLE JOIST ATTACHMENT





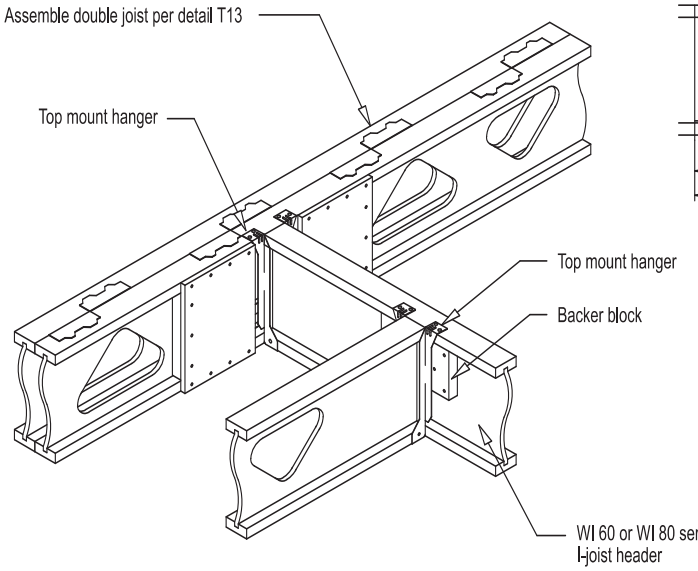
Cross section of angles attached to joists prior to mating joists

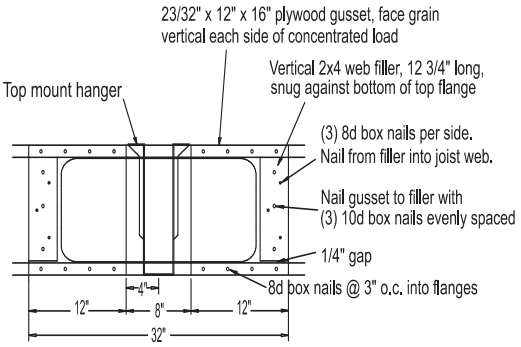
Angle installation
1) Nail side leg of first angle to side face of top flange on one joist.
2) For adjacent angle of the pair, nail side leg to side face of top flange of opposite joist.
3) After all pairs of angles are nailed to flange sides, mate the joists and nail top legs of angles to top flanges.

Notes:

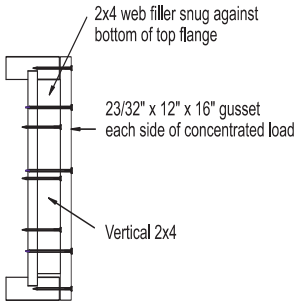
1) For a double joist with Simpson L70 angle pairs spaced at 36" o.c.:
   a. Maximum uniform load applied to one member is 205 plf.
   b. Maximum concentrated load applied to one member is 410 lbs.
2) Verify adequacy of joist to support these loads.

T15 FLOOR OPENING, TOP MOUNT HANGERS





Side View

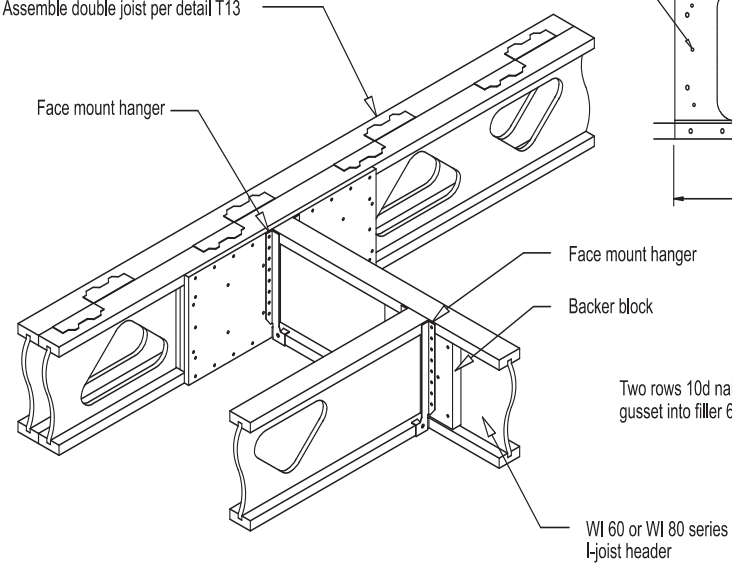


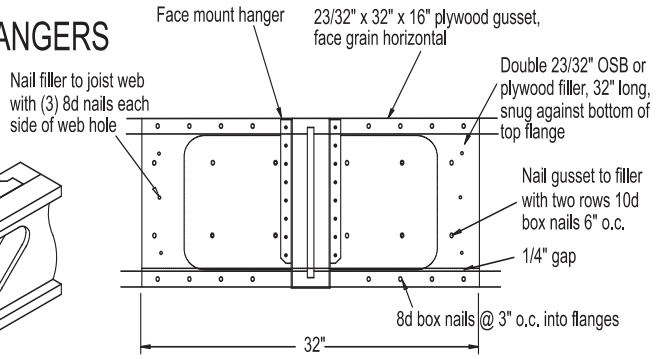
Cross Section

Note: Use 1/4" wide bead carpenter's wood glue on all contact surfaces.

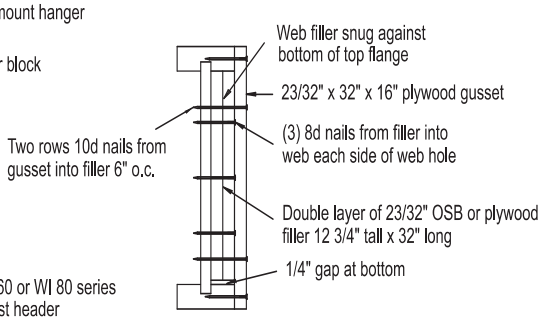
Limited load capacity. Structural verification required.

T16 FLOOR OPENING, FACE MOUNT HANGERS





Side View



Cross Section

Note: Use 1/4" wide bead carpenter's wood glue on all contact surfaces.

Limited load capacity. Structural verification required.

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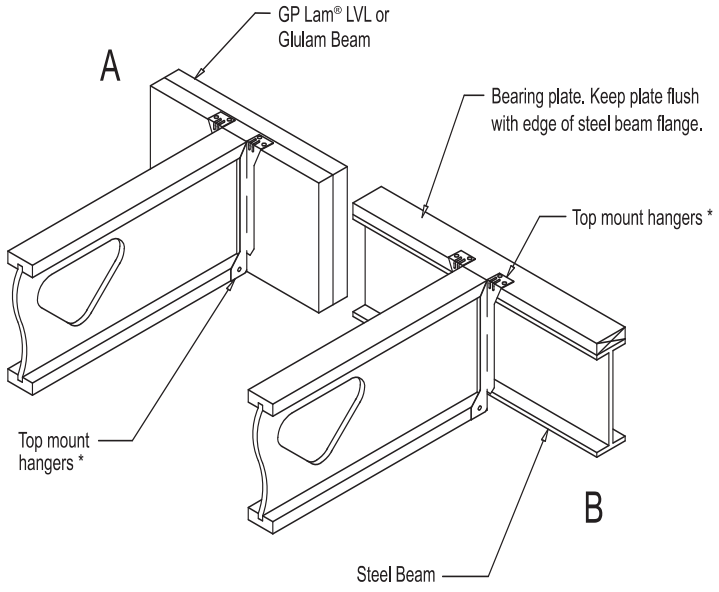
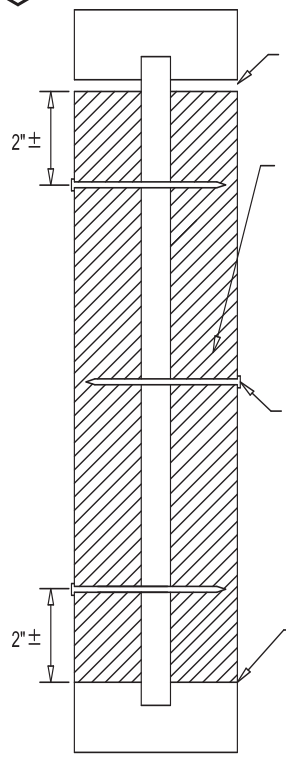
T17 JOIST TO BEAM CONNECTION



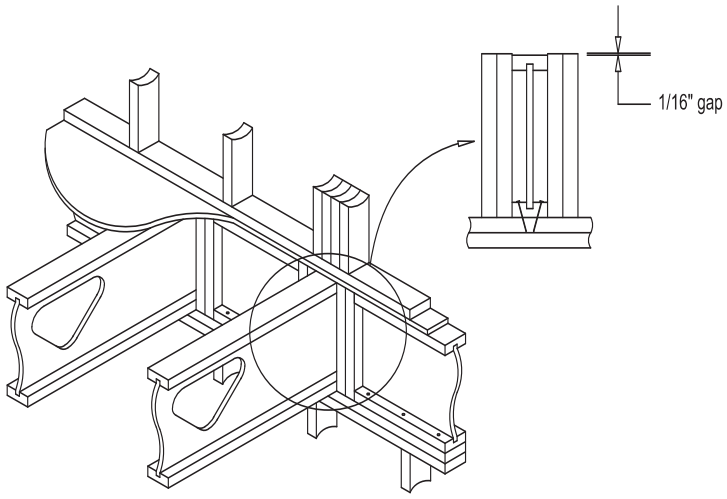
* Appropriate face mount hangers may be substituted.

Note: Solid wood blocking of the steel beam required for face mount hangers on steel beam. Contact BlueLinx for installation instructions.

T18 BEARING STIFFENERS



T19 SQUASH BLOCKS AT CONCENTRATED LOADS



Solid block all posts to bearing below with equal number of squash blocks.

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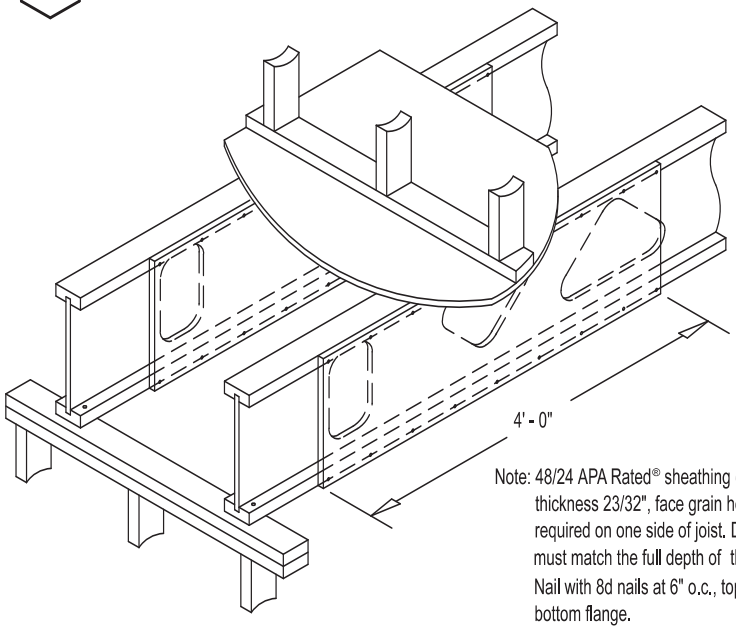
xj 85™ FLOOR DETAILS

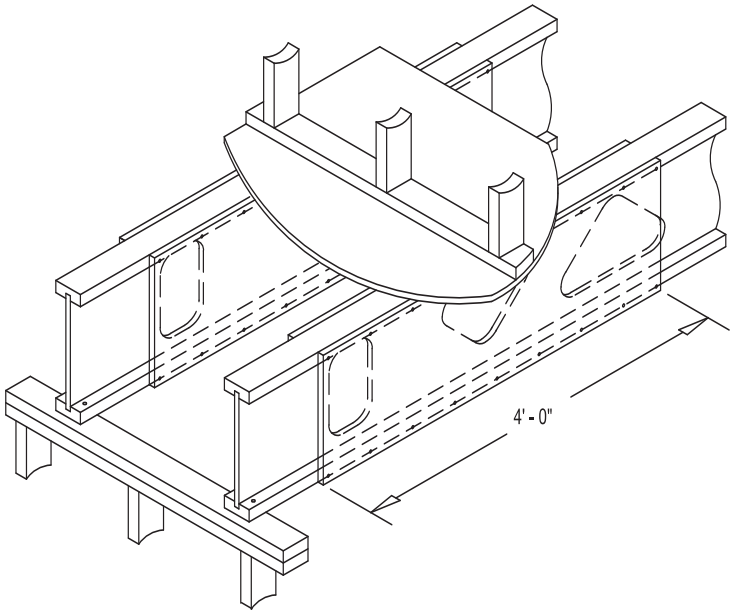
T20 SINGLE REINFORCEMENT FOR POINT LOAD



Note: 48/24 APA Rated® sheathing (min. thickness 23/32", face grain horizontal) required on one side of joist. Depth must match the full depth of the joist. Nail with 8d nails at 6" o.c., top and bottom flange.

Limited load capacity.
Structural verification required.

T21 DOUBLE REINFORCEMENT FOR POINT LOAD

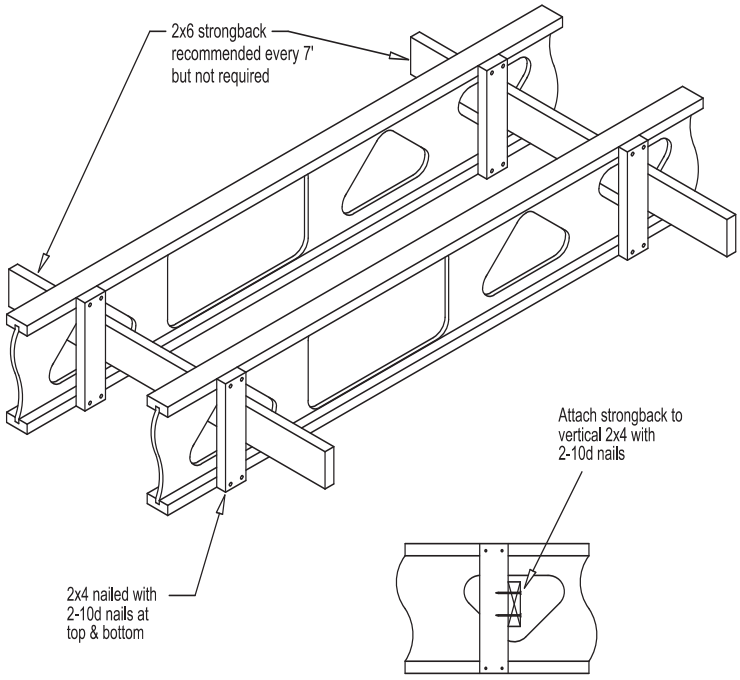


Note: 48/24 APA Rated® sheathing (min. thickness 23/32", face grain horizontal) required on both sides of joist. Depth must match the full depth of the joist. Nail with 8d nails at 6" o.c., top and bottom flange. Offset nailing on opposite side of joist to avoid splitting.

Limited load capacity.
Structural verification required.

T22 STRONGBACK APPLICATION

(For improved performance but not required)



Overlap strongbacks at same vertical.

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