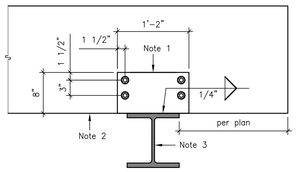
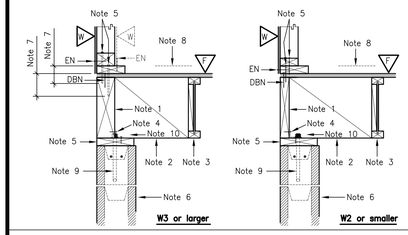


Notes:
1. 1/4" ASTM A36 steel bracket each side of beam with four 3/4"ø ASTM A307 bolts as shown.
2. Beam per plan.
3. Steel beam per plan.

21

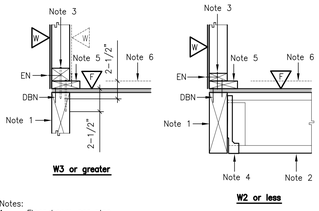
Note:
1. 1-3/4" LVL rim joist when W2 or smaller shear-wall occurs above. 3-1/2" LSL or PSL rim joist when W3 or larger shear-wall occurs above.
2. 3-1/2" LSL blocking at 24" on center per manufacturer's recommendations.
3. Tall floor framing per plans.
4. Clip per SWS.
5. Sill per SWS.
6. Concrete or masonry retaining wall/foundation.
7. 1/4"ø lags penetration to be 2-1/4" minimum.
8. Gypcrete/sub-flooring per architect drawings as occurs.
9. Anchor bolts per SWS, not exceed spacing 16" o.c.
10. A34 clip at each side of every blocking.



W3 or larger

W2 or smaller

22

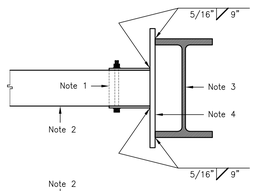


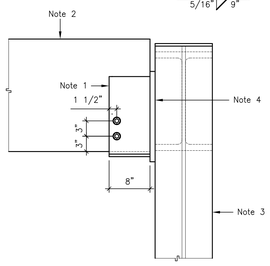
W3 or greater

W2 or less

Notes:
1. Floor beam per plan.
2. TJI-floor framing per plan. Provide web stiffeners per manufacturer requirements.
3. Sill per SWS.
4. Appropriately sized IUT hanger unless noted otherwise on plan.
5. 2x sill attached per SWS sill requirements.
6. 1-1/2" lightweight concrete topping slab per architectural drawings.

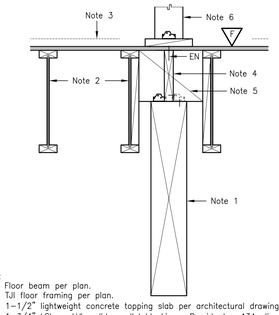
23





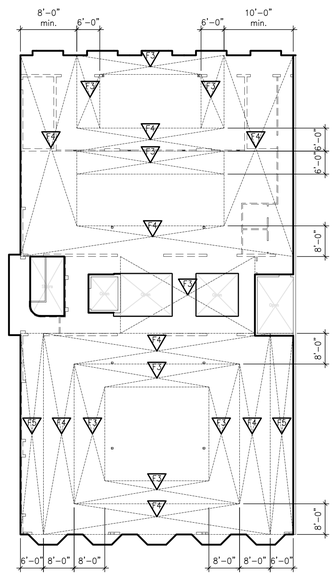
Notes:
1. Fabricated steel saddle as follows: ASTM A36 3/8" thick side plate and 1" base plate. Provide two 3/4"ø ASTM A307 bolts as shown.
2. Major beam per plan.
3. Steel column per plan.
4. ASTM A36 1" thick ledger plate welded to steel column flanges as shown.

17



Notes:
1. Floor beam per plan.
2. TJI floor framing per plan.
3. 1-1/2" lightweight concrete topping slab per architectural drawings.
4. 1-3/4" LSL or LVL solid parallel blocking. Provide two A34 clips per block.
5. 1-3/4" LSL or LVL solid transverse blocking at 24" on center. Provide one A34 clip each side. Provide 7" LSL or PSL solid transverse blocking under post load above.
6. Post above as/if occurs.

18



2nd Floor Diaphragm Nailing Plan

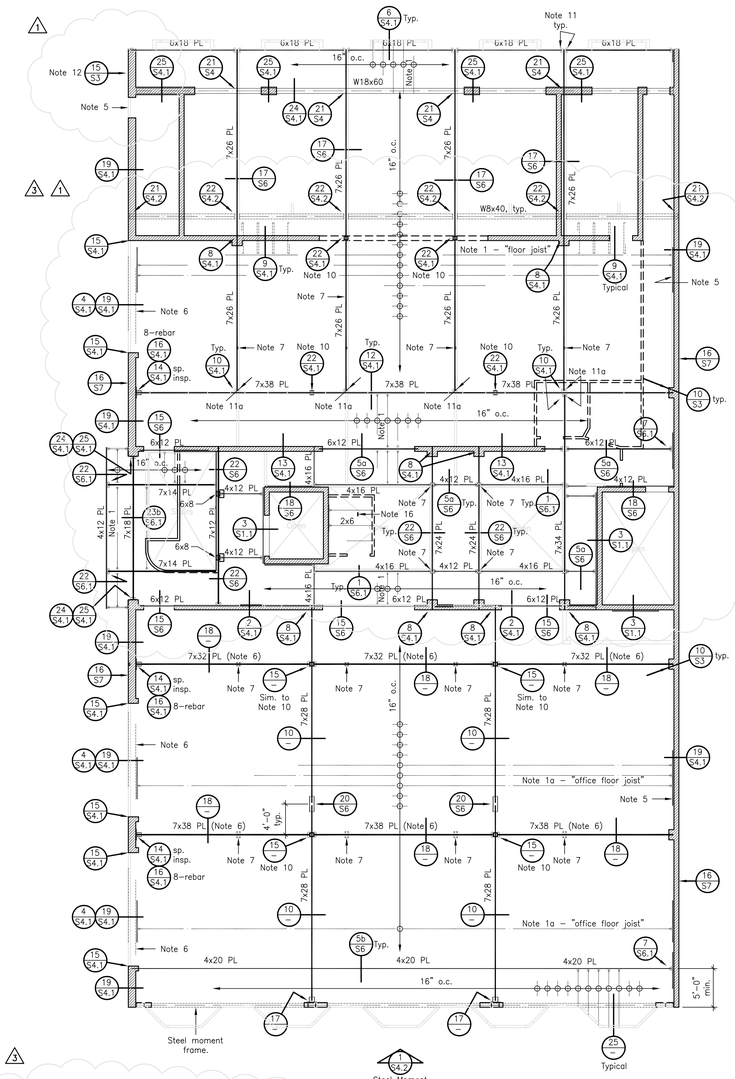
Scale: None

2nd Floor Diaphragm Nailing Notes:
1. Use F1 floor sheathing per Shear-Wall Schedule (SWS) unless noted otherwise on "2nd Floor Diaphragm Nailing Plan".

Parallam Framing Notation (PSL):
1. Use appropriately sized Simpson HU hanger when not specified on plan.
2. Refer to details 9/S6.1 and 10/S6.1 for beam to beam connections.

4x10 PL = 3-1/2" x 9-1/2" parallam.
4x12 PL = 3-1/2" x 11-7/8" parallam.
4x14 PL = 3-1/2" x 14" parallam.
4x16 PL = 3-1/2" x 16" parallam.
4x18 PL = 3-1/2" x 18" parallam.
6x12 PL = 5-1/4" x 11-7/8" parallam.
6x14 PL = 5-1/4" x 14" parallam.
6x16 PL = 5-1/4" x 16" parallam.
6x18 PL = 5-1/4" x 18" parallam.
7x18 PL = 7" x 18" parllam.

Microllam Framing Notation (LVL):
2x10 ML = 1-3/4" x 9-1/2" microllam.
2x12 ML = 1-3/4" x 11-7/8" microllam.
2x14 ML = 1-3/4" x 14" microllam.



Notes:
1. Use 11-7/8" TJI 210 residential and courtyard floor joist typical, unless noted otherwise on plan. Use Simpson HU2.1/11 face mount hangers where required.
1a. Use 20" TJI L90 office floor joist, unless noted otherwise on plan.
2. See "Header Framing Schedule" located in "Structural General Notes" for header sizes not shown on plan.
3. Use F1 floor sheathing per Shear-Wall Schedule (SWS) unless noted otherwise on plan.
4. Floor to have 1-1/2" lightweight concrete topping slab per architectural drawings.
5. 3-1/2" LSL or PSL ledger with flashing against cmu or pressure treated 4x, as detailed elsewhere. Contractor to provide adequate ledger depth to match framing depth and deeper floor beams as occurs.
6. Masonry header occurs over opening below, typical unless other header shown on plan. Refer to detail 4/S4.1.
7. Post above.
8. Continuous floor joist with edge nailing (EN), refer to detail 22A/S8 for all splices as/if occurs.
9. Appropriately sized VB braces to continuous floor joists above.
10. HSS 6x6x1/4 steel tube column below.
11. HUC0612-SDS hanger with conceal flanges.
11a. Use appropriately sized special order EG top flange hanger.
12. Provide two #6 horizontals top rebars.
13. Use upside down Simpson HHUS7.25/10 hanger.
14. Unless noted otherwise on plan, use appropriately sized Simpson HU face mount hanger for all 4x PSL members.
15. Unless noted otherwise on plan, use appropriately sized Simpson HHUS face mount hanger for all 6x and 7x PSL members.
16. First floor conventional shed roof.

▫ Post above.

▪ Post below. All post to be 4x4 or 4x6 typical unless specified otherwise on plan.

◘ HSS 6x6x1/4 steel tube column.

Wall Legend:
1. Dashed line indicates wall, or portion of wall, is located directly below the roof.
2. Solid line indicates wall, or portion of wall, is open to the sky.
3. May use 4" nominal studs for walls 10'-0" and shorter. Use 6" nominal stud for walls over 10'-0" in height.

2nd floor wall above.
1st floor wall below.
1st floor short wall and/or guardrail.
1st floor 8" concrete masonry unit (cmu) wall.
1st floor 12" concrete masonry unit (cmu) wall.

2nd Floor Framing Plan

Scale: 1/8" = 1'-0"

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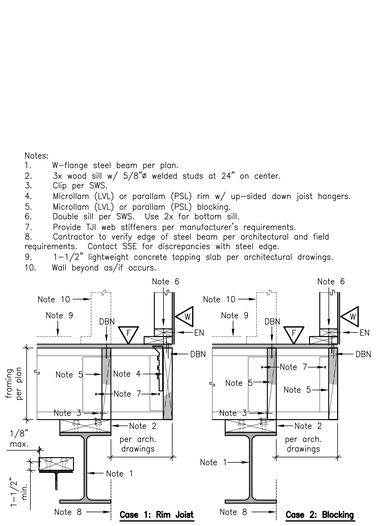

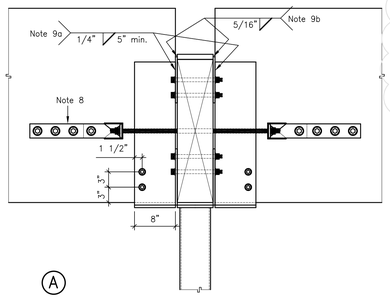

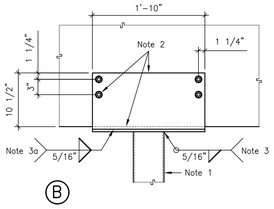

Notes:
1. Steel tube column per plan.
2. Steel beam saddle with 1" thick bottom plate and 3/8" thick side plates with 3/4"ø ASTM A307 bolts.
3. Weld steel tube column to steel beam saddle.
3a. Weld side plates to bottom plate.
4. Supported beam.
5. Appropriately sized HC4CTA hinge connector. May top dap hinge connector as shown. When ordering hing connector, adjust height for dapped condition.
6. Floor framing per plan.
7. Centerline of steel column or wood post per plan.
8. Opposing HD10A holdowns each side.
9. Steel double saddle with opposing hangers with 1" thick saddle top bearing plate, 3/8" thick saddle side plates with 3/4"ø ASTM A307 bolts, 1" thick bottom hanger plates and 3/8" hanger side plates with 3/4"ø ASTM A307 bolts..
9a. Weld hanger side plates to saddle side plates.
9b. Weld saddle side plates to saddle top bearing plate.

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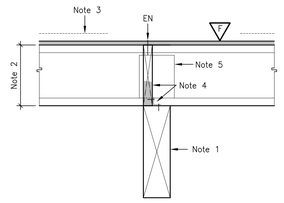
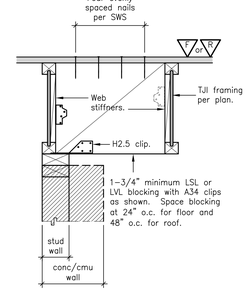


Notes:
1. Floor beam per plan.
2. TJI floor framing per plan.
3. 1-1/2" lightweight concrete topping slab per architectural drawings.
4. 1-3/4" LSL or LVL solid blocking. Provide A34 clips at 16" on center.
5. Web stiffener per manufacturer's requirements.

10



Typical blocking

5

Notes:
1. W-flange steel beam per plan.
2. 3x wood sill w/ 5/8"ø welded studs at 24" on center.
3. Clip per SWS.
4. Microllam (LVL) or parallam (PSL) rim w/ up-sided down joist hangers.
5. Microllam (LVL) or parallam (PSL) blocking.
6. Double sill per SWS. Use 2x for bottom sill.
7. Provide TJI web stiffeners per manufacturer's requirements.
8. Contractor to verify edge of steel beam per architectural and field requirements. Contact SSE for discrepancies with steel edge.
9. 1-1/2" lightweight concrete topping slab per architectural drawings.
10. Wall beyond as/if occurs.

Case 1: Rim Joist

Case 2: Blocking

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New Mixed Use Building
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May 05, 2006

Revisions

No.	Date	Description
1	12/14/06	Plan Check 01
2	02/26/07	Plan Check 02
3	09/12/07	Plan Check 02 Revised
4	10/25/07	Architectural Revisions

Project Number: 2380-06
Drawn By: Sezen
Designed By: Sezen
Checked By: Moon

Sheet Title:
2nd Floor Plan

Sheet Number:
S4