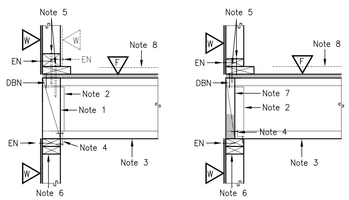
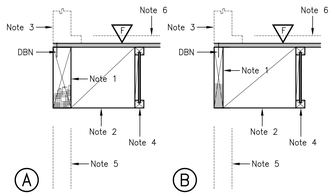
Note:
1. 3-1/2" LSL or PSL blocking.
2. Web stiffener required per manufacturer's requirements.
3. TJI floor framing per plans.
4. Clip spacing per SWS. May use LTP4 clips at flush conditions.
5. Double sill per SWS requirements as shown.
6. Continuous dbl. top plate.
7. 1-3/4" LSL or LVL blocking. Provide addtional blocking under posts as occurs.
8. 1-1/2" lightweight concrete topping slab per architect drawings.



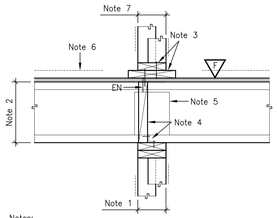
W3 sheathing above or greater **W2 sheathing above or less**

21

Note:
1. Floor beam per plan.
2. Blocking at 24" o.c. maximum per typical blocking detail elsewhere.
3. Guardrail by others.
4. Floor framing per plan.
5. Wall beyond as/if occurs.
6. 1-1/2" lightweight concrete topping slab per architectural drawings.

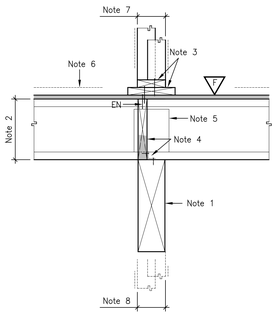


22



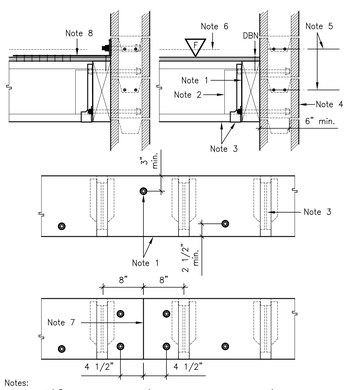
Notes:
1. Double staggered stud sound wall below.
2. TJI floor framing per plan.
3. Double sill as shown, unless noted otherwise on architectural drawings. Provide 16d nails at 8" on center for each sill.
4. 1-3/4" LSL or LVL solid blocking. Provide A34 clips at 16" on center.
5. Web stiffener per manufacturer's requirements.
6. 1-1/2" lightweight concrete topping slab per architectural drawings.
7. Double staggered stud sound wall per architectural drawings. Minimum requirements, 2x4 studs at 16" on center each side.

23



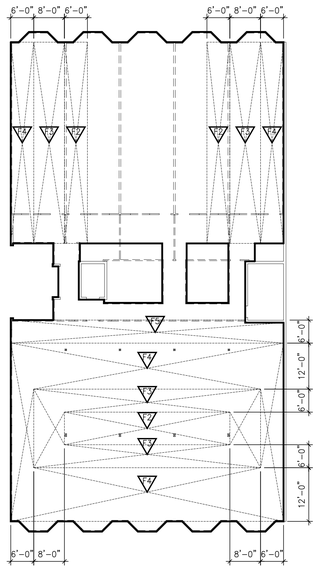
Notes:
1. Floor beam per plan.
2. TJI floor framing per plan.
3. Double sill as shown, unless noted otherwise on architectural drawings. Provide 16d nails at 8" on center for each sill.
4. 1-3/4" LSL or LVL solid blocking. Provide A34 clips at 16" on center.
5. Web stiffener per manufacturer's requirements.
6. 1-1/2" lightweight concrete topping slab per architectural drawings.
7. Double staggered stud sound wall per architectural drawings. Minimum requirements, 2x4 studs at 16" on center each side.
8. Double staggered stud sound wall below as/if occurs.

17



Notes:
1. 3-1/2" LSL or PSL ledger (flashing against cmu required) or pressure treated 4x with 5/8"ø anchor bolts at 16" on center, staggered.
2. Web stiffener per manufacturer's requirements.
3. TJI-floor framing per plan with IUT hangers unless specified otherwise on plan.
4. Masonry wall per plan. See other details for information not shown or stated here.
5. Four #5 continuous horizontal rebars within 12" of floor sheathing as shown, unless stated otherwise on plan.
6. 1-1/2" lightweight concrete topping slab per architectural drawings.
7. Ledger splice as occurs.
8. LTT20B tension tie at 32" on center (pre-drilling nail holes required). Use ASTM A36 3/4"ø threaded rod with tack welded washer and nut 6" into cmu wall.

18



3rd Floor Diaphragm Nailing Plan

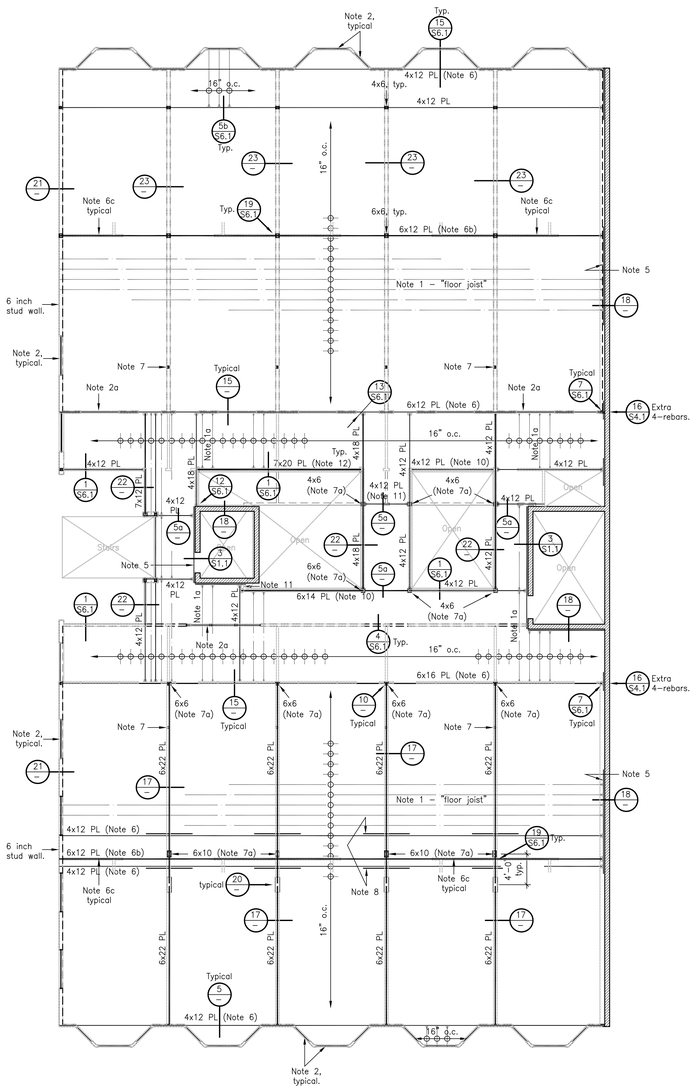
Scale: None

3rd Floor Diaphragm Nailing Notes:
1. Use F1 floor sheathing per Shear-Wall Schedule (SWS) unless noted otherwise on "3rd 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.
6x22 PL = 5-1/4" x 22" parallam.
7x18 PL = 7" x 18" parallam.
7x20 PL = 7" x 20" parallam.

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 110 floor joist typical, unless noted otherwise on plan. Use Simpson IUT11 face mount hangers where required.
1a. Use 11-7/8" TJI 210 floor joist at courtyard typical, unless noted otherwise on plan. Use Simpson HUZ.1/11 face mount hangers where required.
2. See "Header Framing Schedule" located in "Structural General Notes" for header sizes not shown on plan.
2a. Use 4x10 PL door and window headers below for this wall line.
3. Use F1 floor sheathing per Shear-Wall Schedule (SWS) unless noted otherwise on "3rd Floor Diaphragm Nailing 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. Continuous floor beam with edge nailing (EN), refer to detail 22A/S8 for all splices as/if occurs.
6a. Continuous (one piece) floor beam with edge nailing (EN).
6b. Continuous floor beam with edge nailing (EN) under shear-wall above. Refer to detail 22A/S8 for all splices as/if occurs.
6c. Shear-wall strap anchor above, refer to detail 15a/S7.
7. Post above. Provide post in wall below where occurs.
7a. Post below.
8. Appropriately sized VB braces to continuous floor beams above.
9. Use Simpson HGUS5.50/14 face mount hanger (10,015 lbs. allowable).
10. Use Simpson HHUS5.50/10 face mount hanger (5,190 lbs. allowable).
11. Use Simpson HWU3.56/11.88 top flange hanger (5,500 lbs. allowable).
12. Use Simpson HGUS7.25/14 face mount hanger (11,110 lbs. allowable).

= Post above.

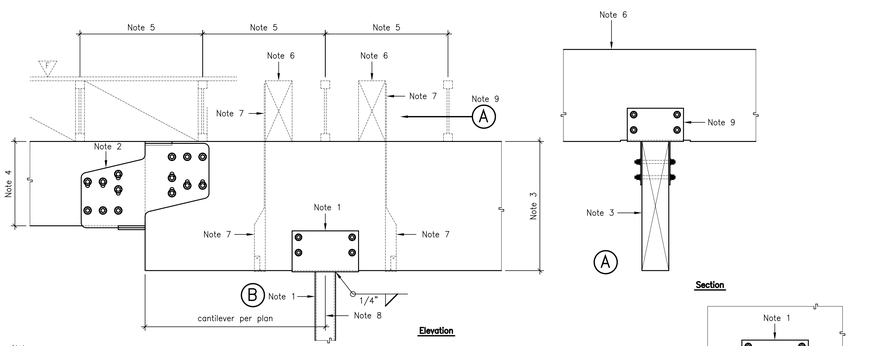
■ Post below. All post to be 4x4 or 4x6 typical unless specified otherwise on plan.

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.

3rd floor wall above.
2nd floor wall below.
2nd floor short wall and/or guardrail.
2nd floor 8" concrete masonry unit (cmu) wall.

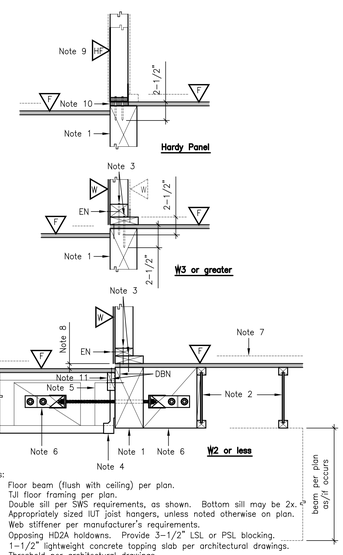
3rd Floor Framing Plan

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



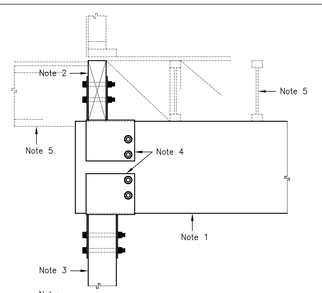
Notes:
1. Steel tube column (or wood post) per plan with appropriately sized CCO (CC for wood post) column cap or equivalent.
2. Appropriately sized HC4CTA hinge connector. May top dap hinge connector as shown. When ordering hing connector, adjust height for dapped condition.
3. Cantilevered beam per plan.
4. Supported beam. Shim as required when different width.
5. TJI floor framing per plan.
6. Extra 3-1/2" PSL or LSL floor joist, per plan, to accomodate VB knee braces. Provide edge nailing (EN) along beams.
7. Appropriately sized VB knee brace. Provide six (6) N54A nails to extra floor joist per manufacturer's requirements.
8. Centerline of steel column or wood post per plan.
9. Attach extra floor joist to beam with CC column cap, which is not shown in elevation for detail clarity.

20



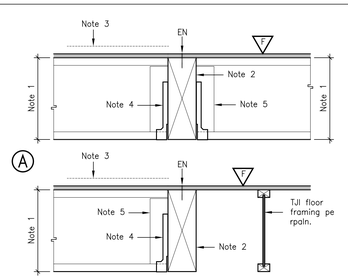
Notes:
1. Floor beam (flush with ceiling) per plan.
2. TJI floor framing per plan.
3. Double sill per SWS requirements, as shown. Bottom sill may be 2x.
4. Appropriately sized IUT joist hangers, unless noted otherwise on plan.
5. Web stiffener per manufacturer's requirements.
6. Opposing HD2A holdowns. Provide 3-1/2" LSL or PSL blocking.
7. 1-1/2" lightweight concrete topping slab per architectural drawings.
8. Threshold per architectural drawings.
9. Hardy Panel/Frame per plan. Refer to Hardy Frame details for information not stated or shown here.
10. Hardy Frame bearing plate required for Hardy Panels.
11. 2x blocking attached per SWS ledger requirements.

15



Notes:
1. Main floor beam per plan.
2. LSL or PSL 3-1/2" (min.) floor beam per plan.
3. Post per plan.
4. Appropriately sized ECC column caps.
5. TJI floor framing as detailed elsewhere.

10



Notes:
1. TJI floor framing per plan.
2. PSL or LSL floor beam per plan.
3. 1-1/2" lightweight concrete topping slab per architectural drawings.
4. Appropriately sized IUT joist hanger, unless noted otherwise on plan.
5. Web stiffeners per manufacturer's requirements.

5

King Building
New Mixed Use Building
Cloverdale Blvd., Cloverdale, CA

Sezen
Structural Engineering, Incorporated
274 E. Hamilton Avenue, Suite C
Campbell, California 95008
Voice: 408-871-7273 Fax: 408-871-7274
Web: www.SezenStructural.com
Email: SezenStructural@aol.com

Practicing Engineering since 1983

All drawings electronic or printed are the sole property of SSE and are not to be reproduced without written consent from SSE

REGISTERED PROFESSIONAL ENGINEER
KENT S. SEZEN
No. 3716
Exp. 3.31.2008
STRUCTURAL
STATE OF CALIFORNIA

Not valid without wet signature.

Architect

Cliff Petersen AIA
110 Wooded View Drive
Los Gatos, CA 95032
408-356-3229

May 05, 2006

Revisions

No.	Date	Description

Project Number: 2360-06
Drawn By: Sezen
Designed By: Sezen
Checked By: Moon

Sheet Title: 3rd Floor Plan

Sheet Number: S6