

Development Services

Patio Cover Design Guide – Attached to House

<input type="checkbox"/> SEISMIC ZONE	D2
<input type="checkbox"/> WIND SPEED	120 MPH
<input type="checkbox"/> GROUND SNOW LOAD	50 PSF
<input type="checkbox"/> CONCRETE	1500 PSF ASSUMED

STANDARDS

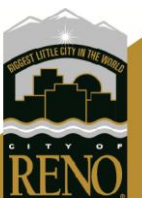
- WESTERN WOOD ASSOCIATION
- CURRENT ADOPTED - INTERNATIONAL RESIDENTIAL CODE - IRC
- ALL HARDWARE ARE TO BE SIMPSON STRONG TIE OR EQUAL

MINIMUM REQUIRED ITEMS

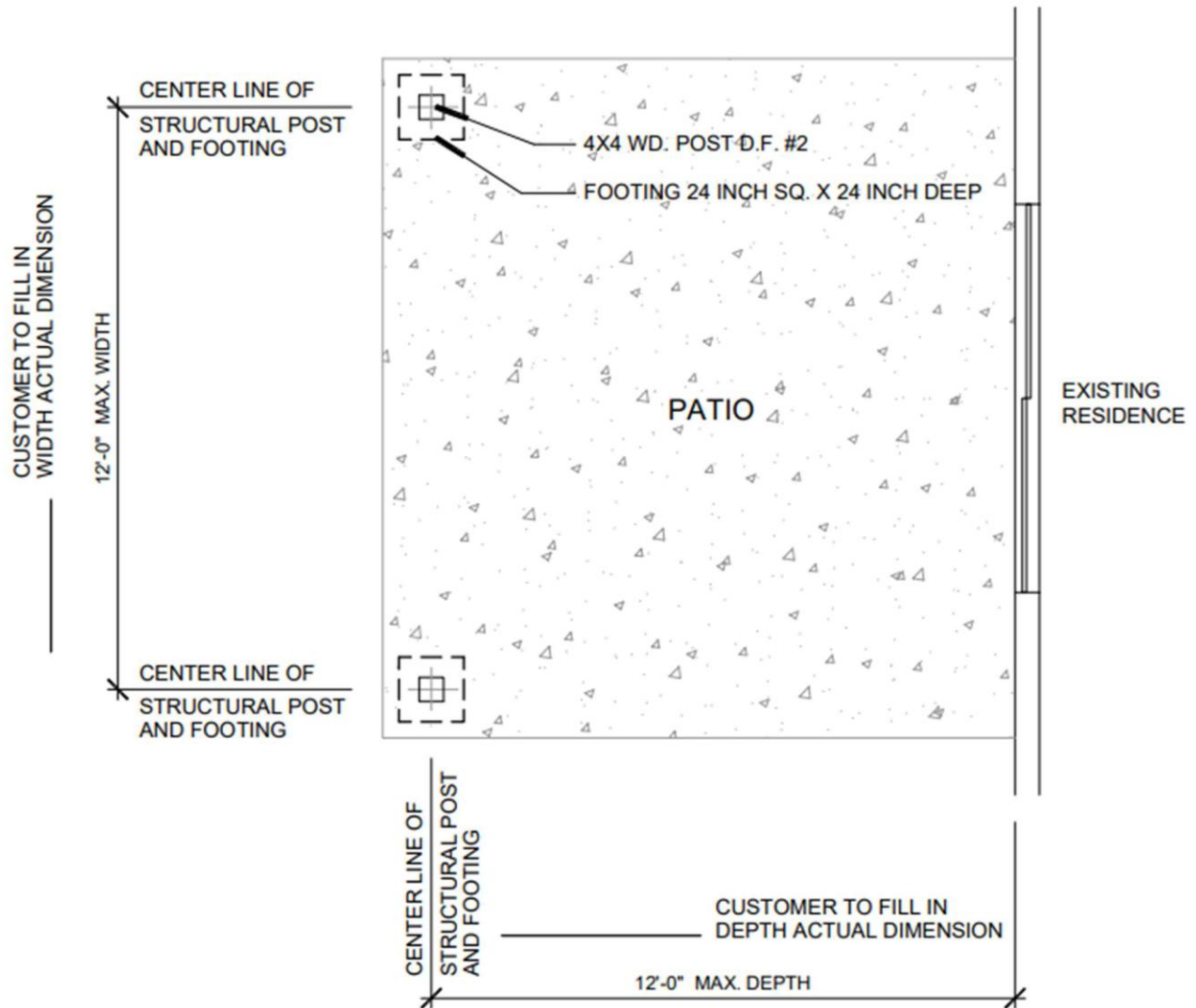
- OWNER / BUILDER APPLICATION (IF APPLICABLE)
- SITE PLAN – SEE EXAMPLE ON PAGE 6
- PATIO FLOOR / FOUNDATION PLAN
- PATIO SECTION
- PATIO ROOF FRAMING PLAN
- THESE PLANS / DOCUMENTS MAY BE USED IN LIEU OF DRAFTING PLANS AS LONG AS THE BLANKS ARE FILLED OUT BY THE CUSTOMER ON THE FOUNDATION PLAN.

SPECIFICATIONS

- LEDGER – MINIMUM SIZE OF 2X8 DF #2 TO MATCH ROOF RAFTERS
- ROOF RAFTERS – 2X8 DF #2, 16" OC. WITH A MAXIMUM SPAN OF 12 FT.
- OVERHANG – MAXIMUM OF 24"
- 4x4 WD. POST D.F. #2
- MAIN BEAM – 4X10 MIN. DF #1
- FOOTING – 24" SQ X 24" DEEP
- POST BASE CAP – PB44
- POST CAP – PCZ
- RAFTER HANGERS – LUS28 OR LU28
- RAFTER CLIPS FOR UPLIFT – H1 OR H2.5
- LEDGER CONNECTION – TWO 1/4" SDS SCREWS OR TWO 3/8" LAG BOLTS AT 16" O.C. W/ MIN 3" EMBED IN TO FRAMING
- SOLID ROOF – OSB OR EXTERIOR GRADE PLYWOOD
- ROOFING – CLASS "A" ASPHALT SHINGLES, METAL ROOF OR MOD BITUMEN
- ALL HARDWARE TO BE SCREWS OR NAILS SPECIFIED BY MANUFACTURER



Development Services



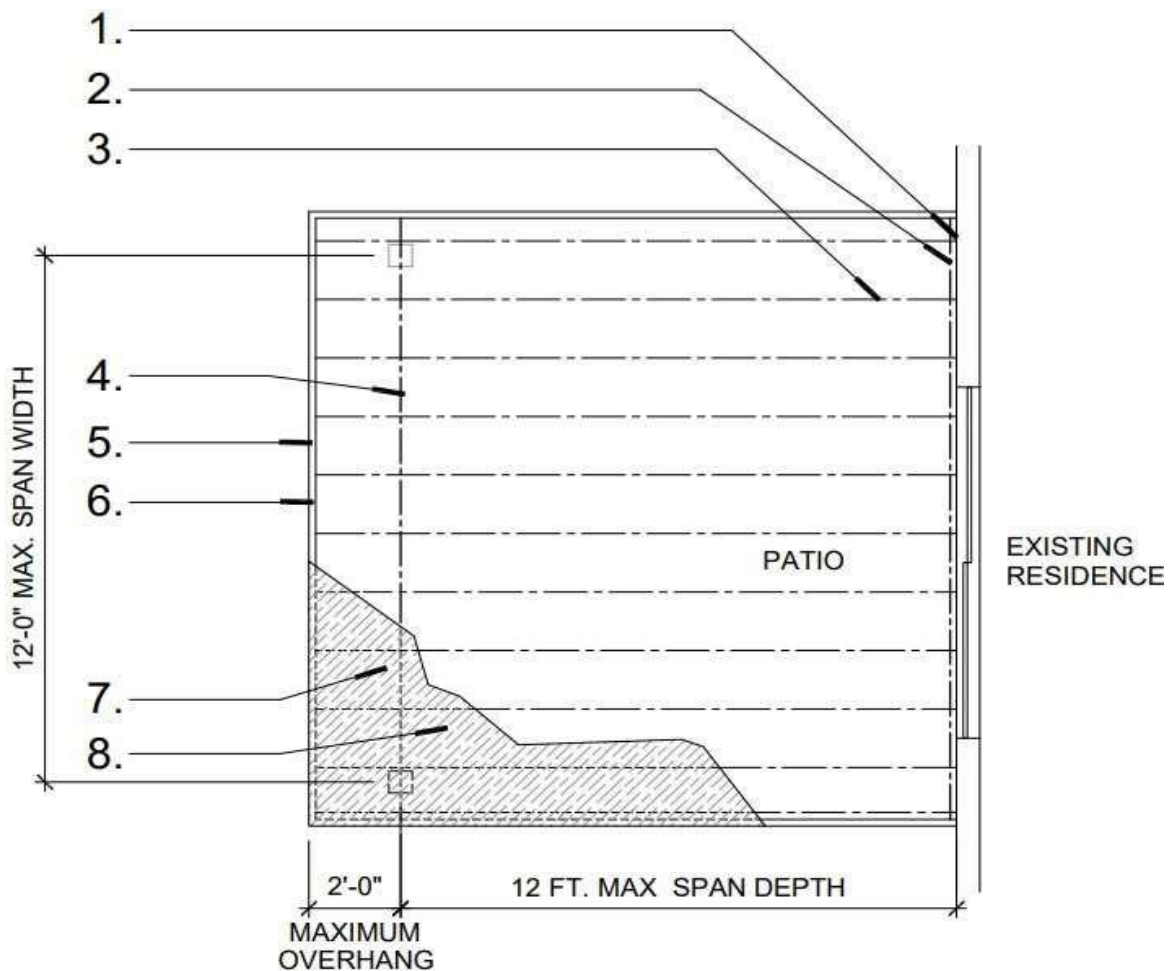
DESIGN NOTE:

PATIO WIDTH SHALL BE EQUAL TO OR GREATER THAN PATIO DEPTH

FLOOR PLAN

Development Services

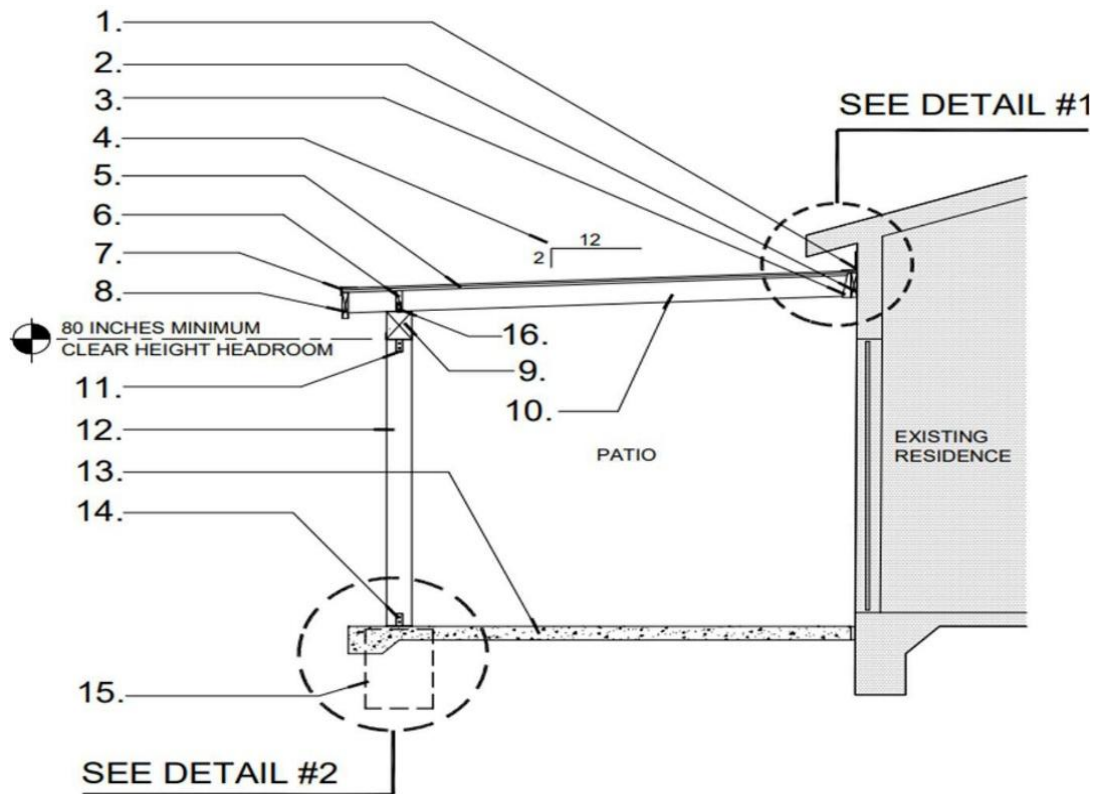
1. WALL FLASHING AND WATER PROOFING
2. 2x8 LEDGER D.F. #2 w/ 2 SD SCREWS x 5 IN. @ 16 INCHES O.C. FOR STUCCO INTO WALL FRAMING OR
 - a. 2x8 LEDGER D.F. #2 w/ 2 SD SCREWS x 4 IN. @ 16 INCHES O.C. FOR SIDING INTO WALL FRAMING
3. 2x8 ROOF RAFTER D.F. #2, 16" OC.
4. 4x10 WOOD BEAM D.F.#1
5. DRIP EDGE CONTINUOUS
6. FASCIA BOARD
7. 2:12 MIN. ROOF PITCH w/ COMP SHINGLES, STANDING SEAM METAL ROOF OR MOD BITUMEN
8. 5/8 INCH EXTERIOR GRADE OSB SHEATHING OR EXTERIOR GRADE PLYWOOD



ROOF FRAMING PLAN

Development Services

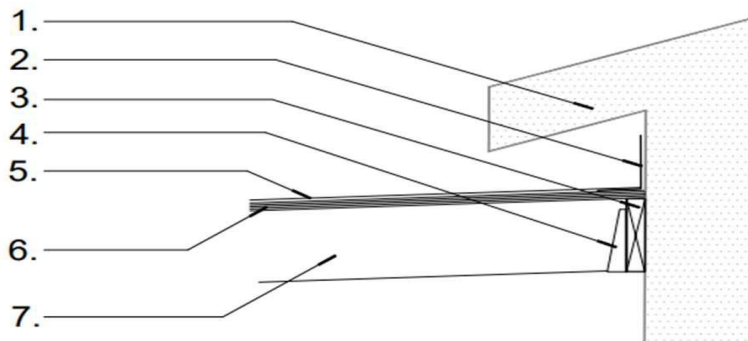
1. WALL FLASHING AND WATER PROOFING
2. 2x8 LEDGER D.F. #2 w/ 2 SD SCREWS x 5 IN. @ 16 INCHES O.C. FOR STUCCO INTO WALL FRAMING OR
2x8 LEDGER D.F. #2 w/ 2 SD SCREWS x 4 IN. @ 16 INCHES O.C. FOR SIDING INTO WALL FRAMING
3. LU28 OR LUS 28 JOIST HANGER
4. 2:12 MIN. ROOF PITCH w/ COMP SHINGLES OR STANDING SEAM METAL ROOF / MOD BITUMEN
5. 5/8 EXTERIOR GRADE OSB SHEATHING OR EXTERIOR GRADE PLYWOOD
6. 2x8 FULL HEIGHT BLOCKING
7. METAL EDGE FLASHING
8. FASCIA BOARD
9. 4x10 BEAM D.F. #1
10. 2x8 ROOF RAFTERS D.F. #2 16" OC. W/ MAX SPAN OF 12 FT.
11. PCZ OR EPCZ
12. 4X4 WD. POST D.F. #2
13. FINISH GRADE OR SLAB
14. PB44
15. 24 INCH x 24 INCH DEEP CONCRETE FOOTING. SQUARE OR ROUND.
16. H1 OR H2.5 HURRICANE TIES AT EA. RAFTER



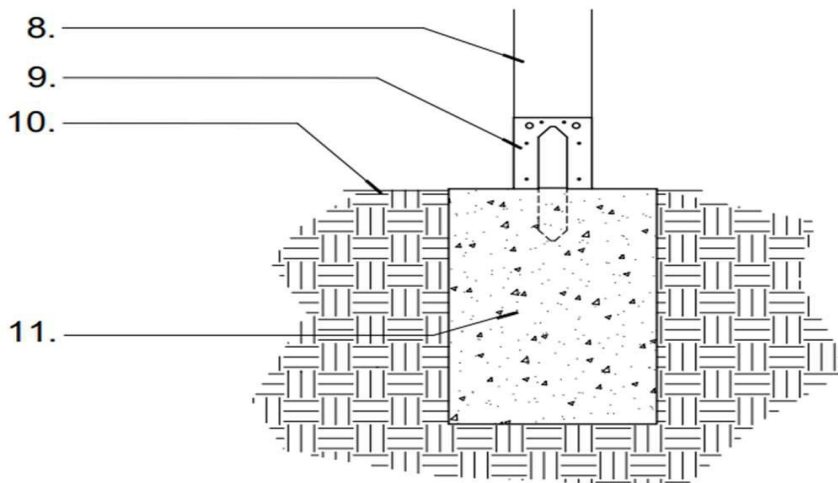
PATIO SECTION

Development Services

1. EXISTING HOUSE CONSTRUCTION
2. WALL FLASHING AND WATER PROOFING
3. 2x8 LEDGER D.F. #2 w/ 2 SD SCREWS x 5 IN. @ 16 INCHES O.C. FOR STUCCO INTO WALL FRAMING OR 2x8 LEDGER D.F. #2 w/ 2 SD SCREWS x 4 IN. @ 16 INCHES O.C. FOR SIDING INTO WALL FRAMING
4. LU28 OR LUS 28 JOIST HANGER
5. 2:12 MIN. ROOF PITCH w/ COMP SHINGLES, STANDING SEAM METAL ROOF, MOD BITUMEN OR VERIFY MFR. SPECS.
6. 5/8 EXTERIOR GRADE OSB SHEATHING OR EXTERIOR GRADE PLYWOOD
7. 2x8 ROOF RAFTERS D.F. #2 16" OC. W/ MAX SPAN OF 12 FT.
8. 4X4 WD. POST D.F. #2
9. PB44
10. FINISH GRADE OR SLAB
11. 24 INCH x 24 INCH DEEP CONCRETE FOOTING

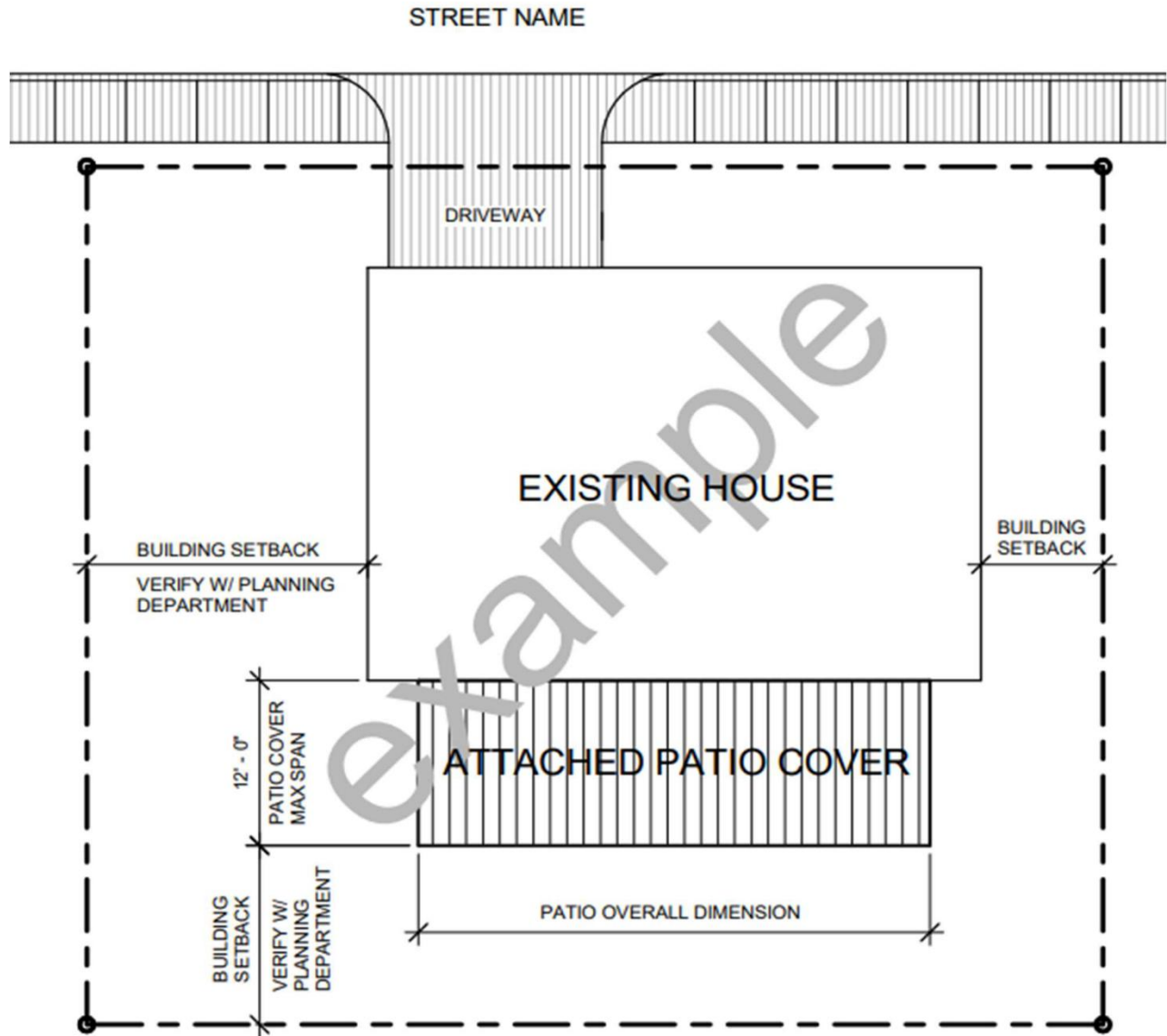


DETAIL #1 - WALL CONNECTION



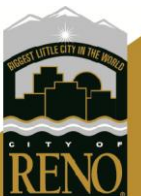
DETAIL #2 - FOOTING DETAIL

Development Services



- OWNERS NAME AND ADDRESS IS REQUIRED ON THIS DOCUMENT

PATIO COVER SITE PLAN



Development Services

CUSTOMER SKETCHED SITE PLAN - SHALL BE LEGIBLE

ADDRESS:

