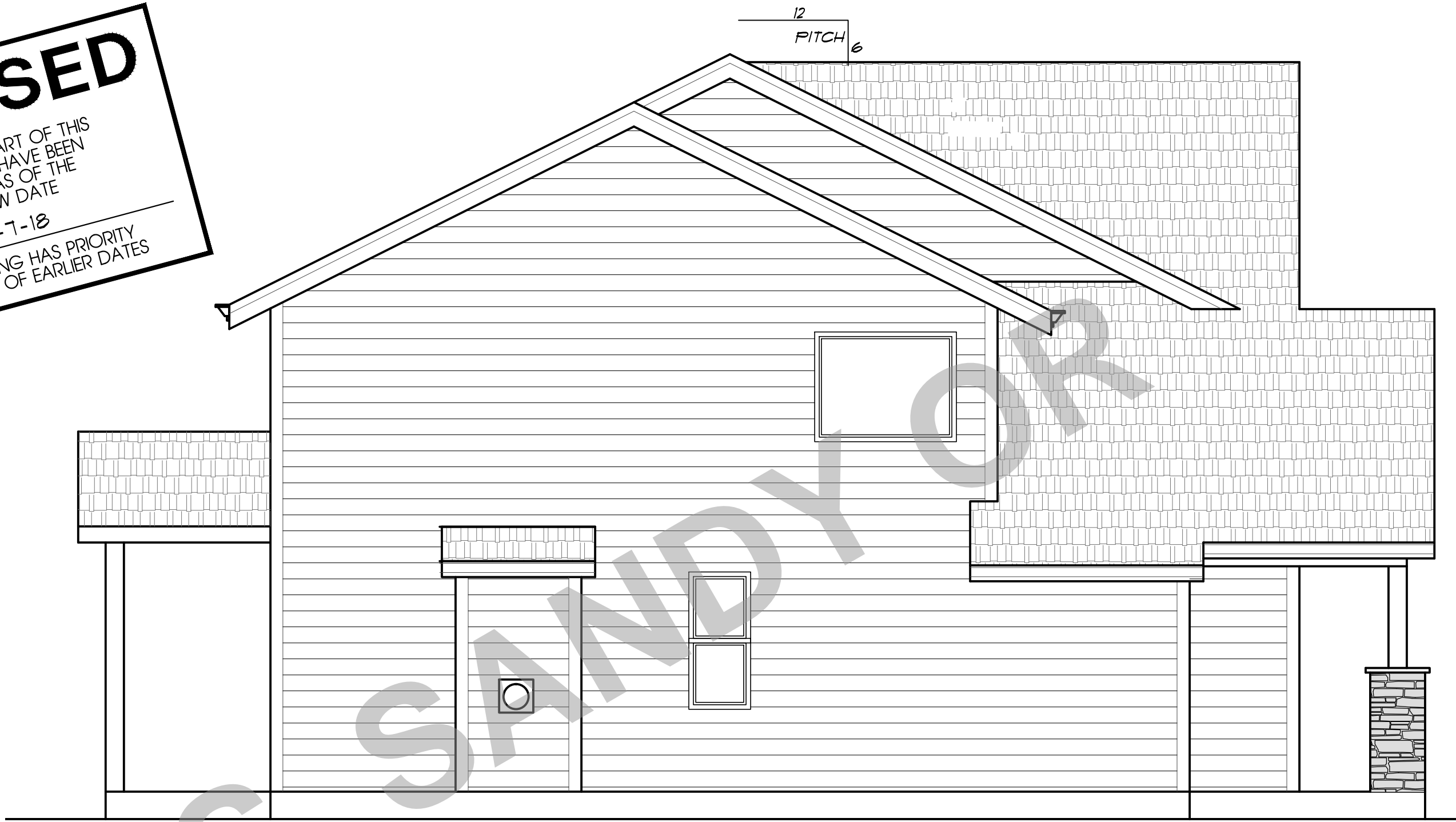


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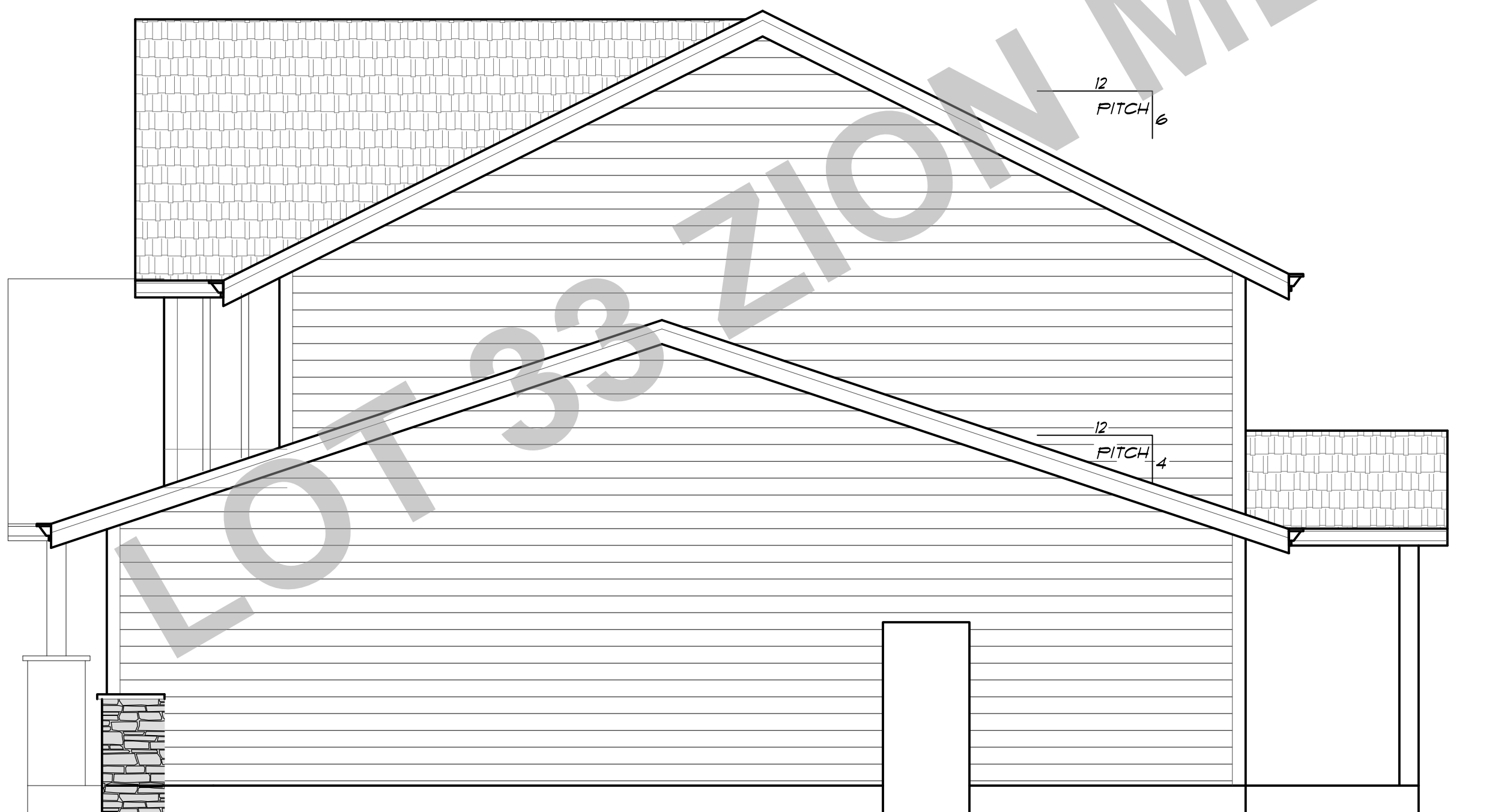


FRONT ELEVATION

- ARCH. COMP. OVER 1/4" FELT OVER 1/2" CDX PLYWOOD
- 1" EXP. CEMENT BD LAP SIDING ON APPROVED BLDG WRAP ON 1/2" OR EQUAL PLYWOOD SHEATHING
- 1x3 BATTENS ON 3/8" R.S. PLYWOOD SIDING ON APPROVED BLDG WRAP ON 1/2" OR EQUAL PLYWOOD SHEATHING
- 5/4"x6" P.F.P.S. CORNERS
- MIN 2" x 8" BARGE RAFTERS W/ 2" x 3" TRIMMER
- FALX STONE VENEER AS PER MFG. SPECS.



LEFT ELEVATION

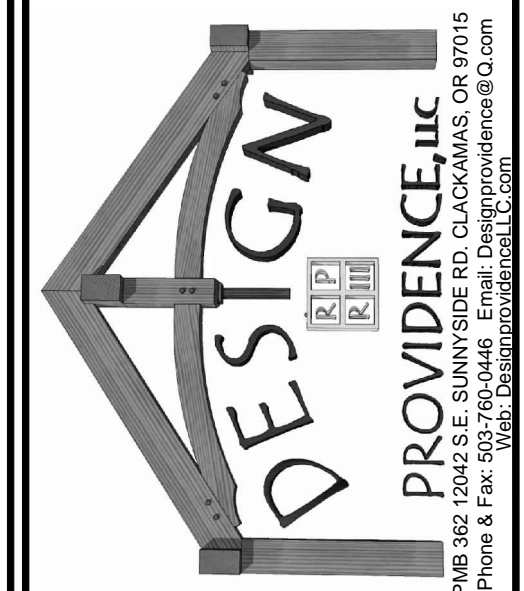


RIGHT ELEVATION



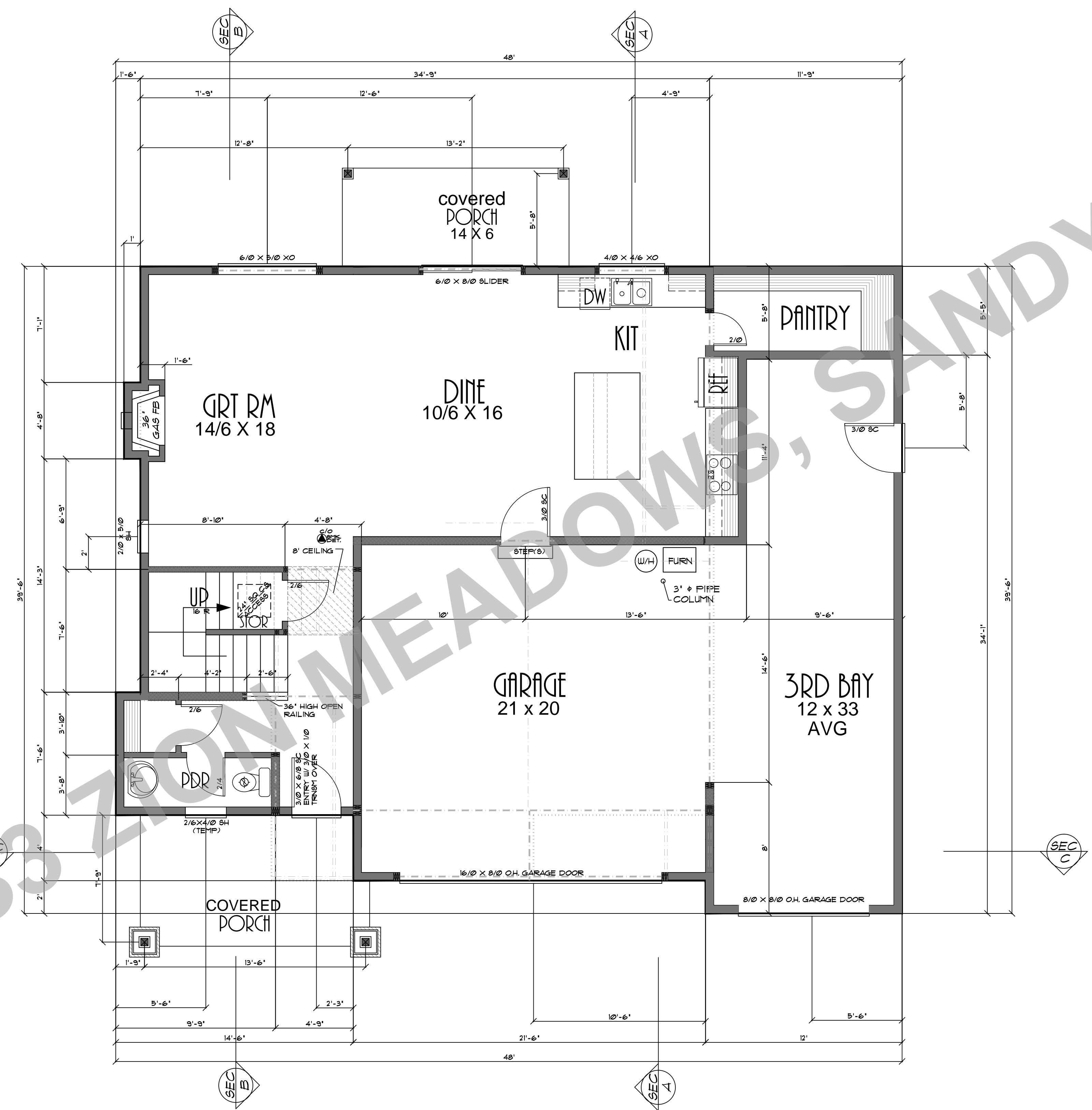
REAR ELEVATION

|              |                                |
|--------------|--------------------------------|
| PLAN NO:     | 11514 B                        |
| DATE:        | 11-7-18                        |
| SCALE:       | 1/4" = 1'-0"                   |
| CLIENT NAME: | THE FAIRVIEW B STOTTS REVISION |
| LOCATION:    |                                |
| SHEET TITLE: | MAIN FLOOR PLAN                |
| SQUARE FEET: |                                |

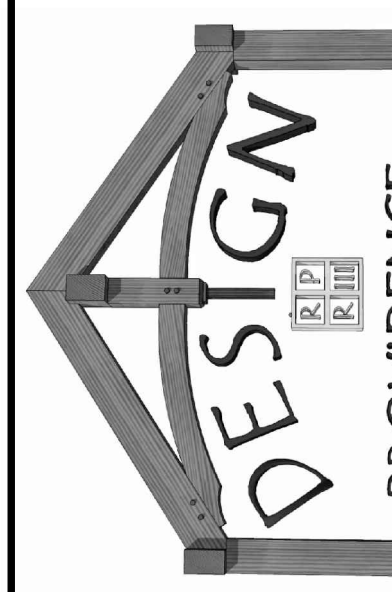


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LOT 33 ZON MEADOWS, SANDY CR



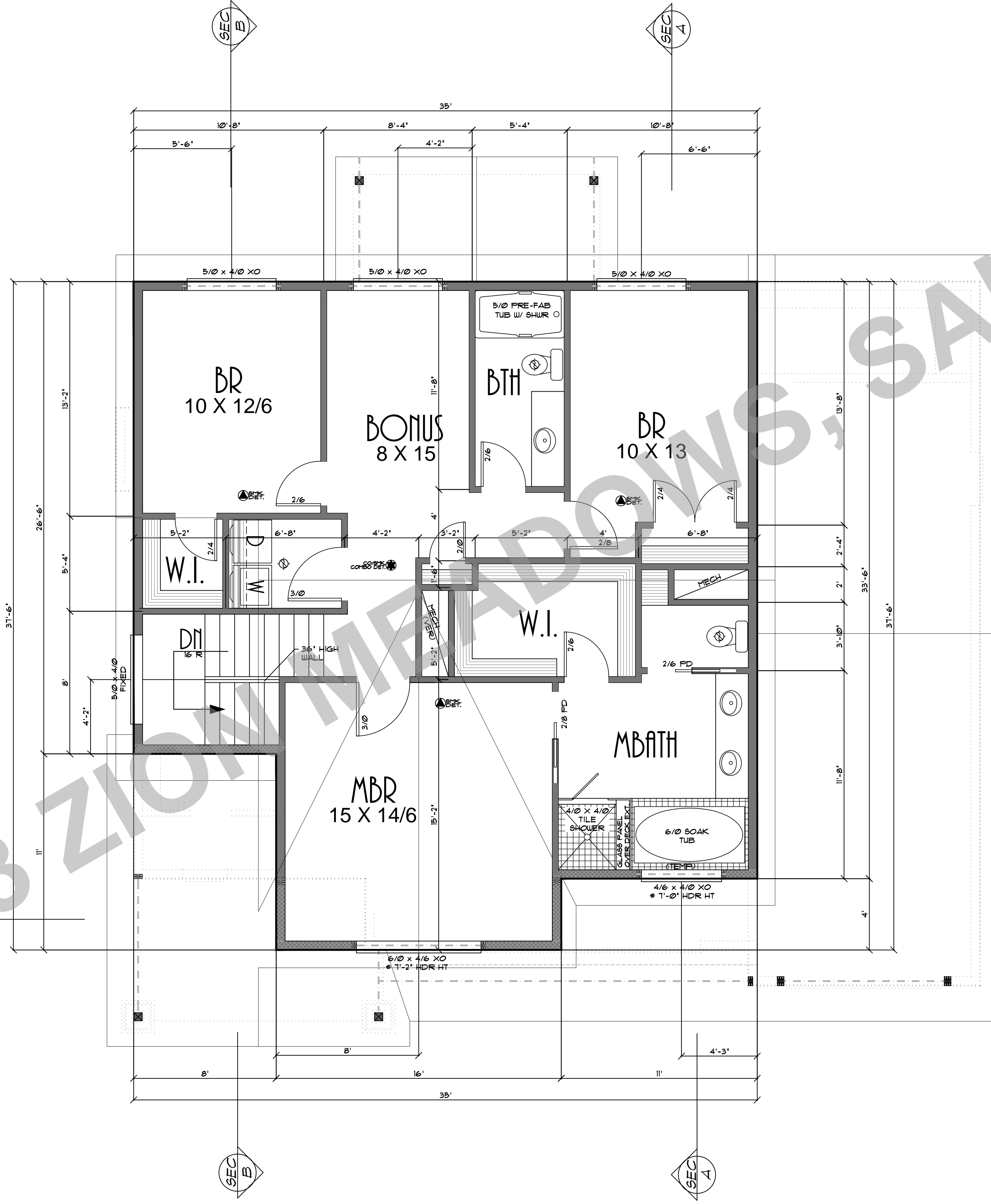
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|                                                                                                                                                                                                                                                                                                                            |                                             |                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------|
|  <p>PROVIDENCE, LLC<br/>                 P.O. BOX 12042 SE SUNNYSIDE RD. CLACKAMAS, OR 97015<br/>                 Phone &amp; Fax: 503-760-0446 Email: Designprovidence@icloud.com<br/>                 Web: Designprovidence.com</p> | CLIENT NAME: THE FAIRVIEW B STOUTS REVISION | DRAWING NO.: 11514 B |
|                                                                                                                                                                                                                                                                                                                            | LOCATION:                                   | DATE: 11-7-18        |
| SHEET TITLE: MAIN FLOOR PLAN                                                                                                                                                                                                                                                                                               | SCALE: 1/4" = 1'-0"                         |                      |
| SQUARE FEET: 900 SQUARE FEET                                                                                                                                                                                                                                                                                               |                                             |                      |

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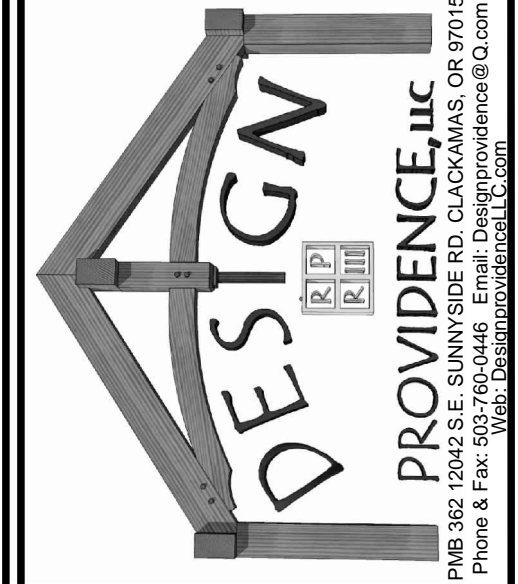
SHEET NR:  
**2**

LOT 33 ZION WINDOWS, SANDY OR



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SHEET NR:  
**3**



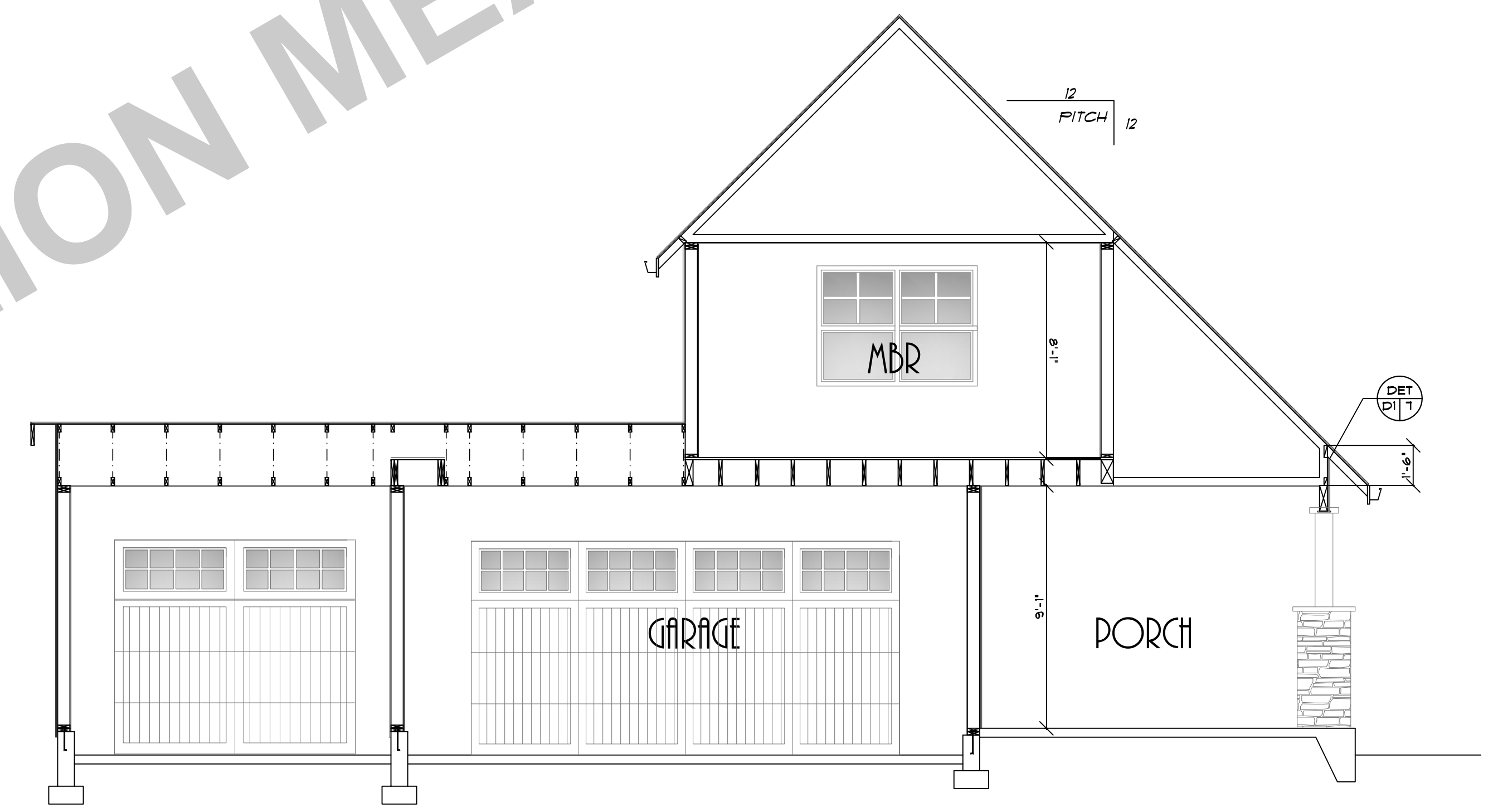
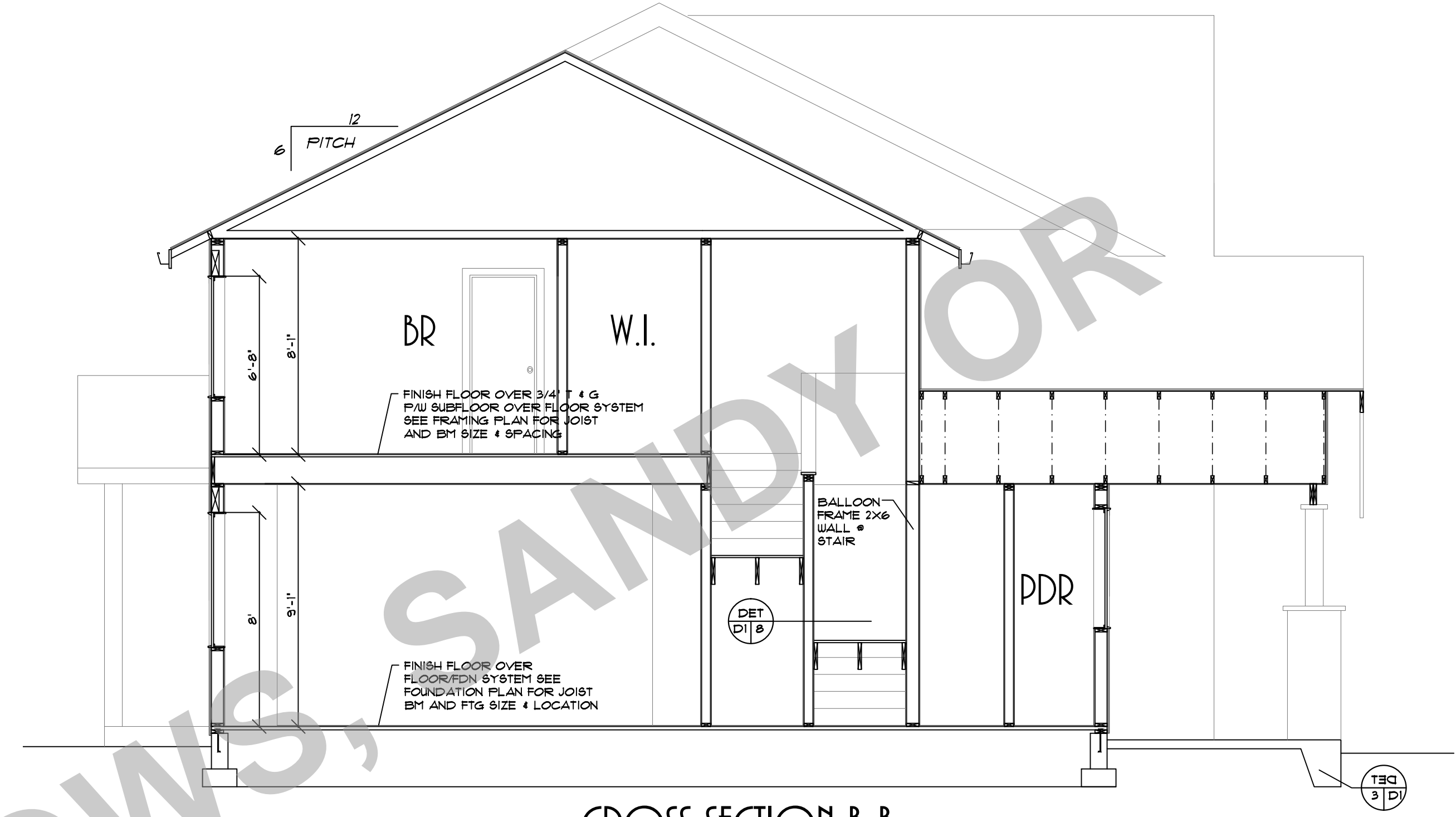
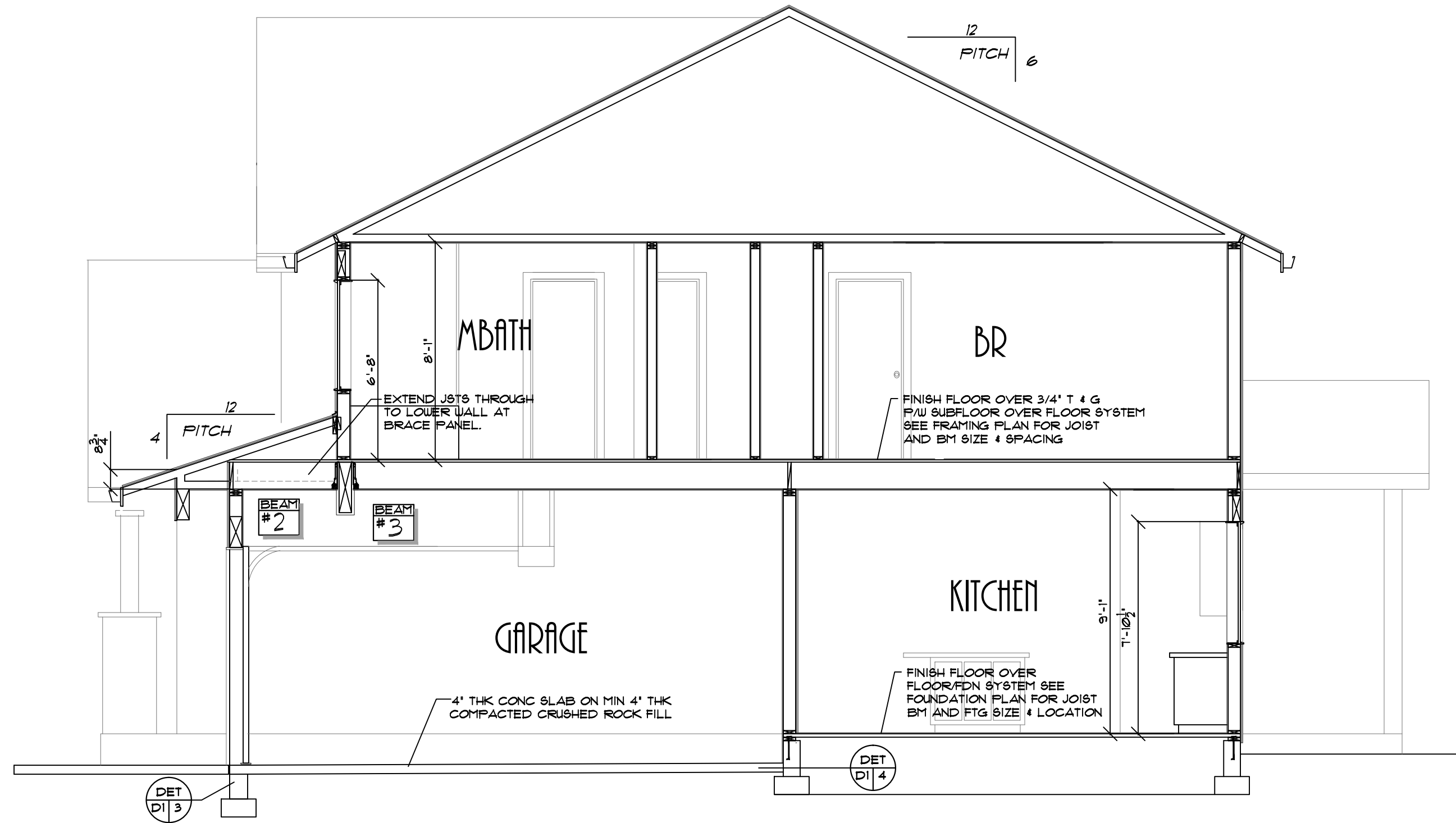
CLIENT NAME: THE FAIRVIEW B STOTTS REVISION II

LOCATION:

SHEET TITLE: UPPER FLOOR PLAN

SQUARE FEET: 1100 SQUARE FEET

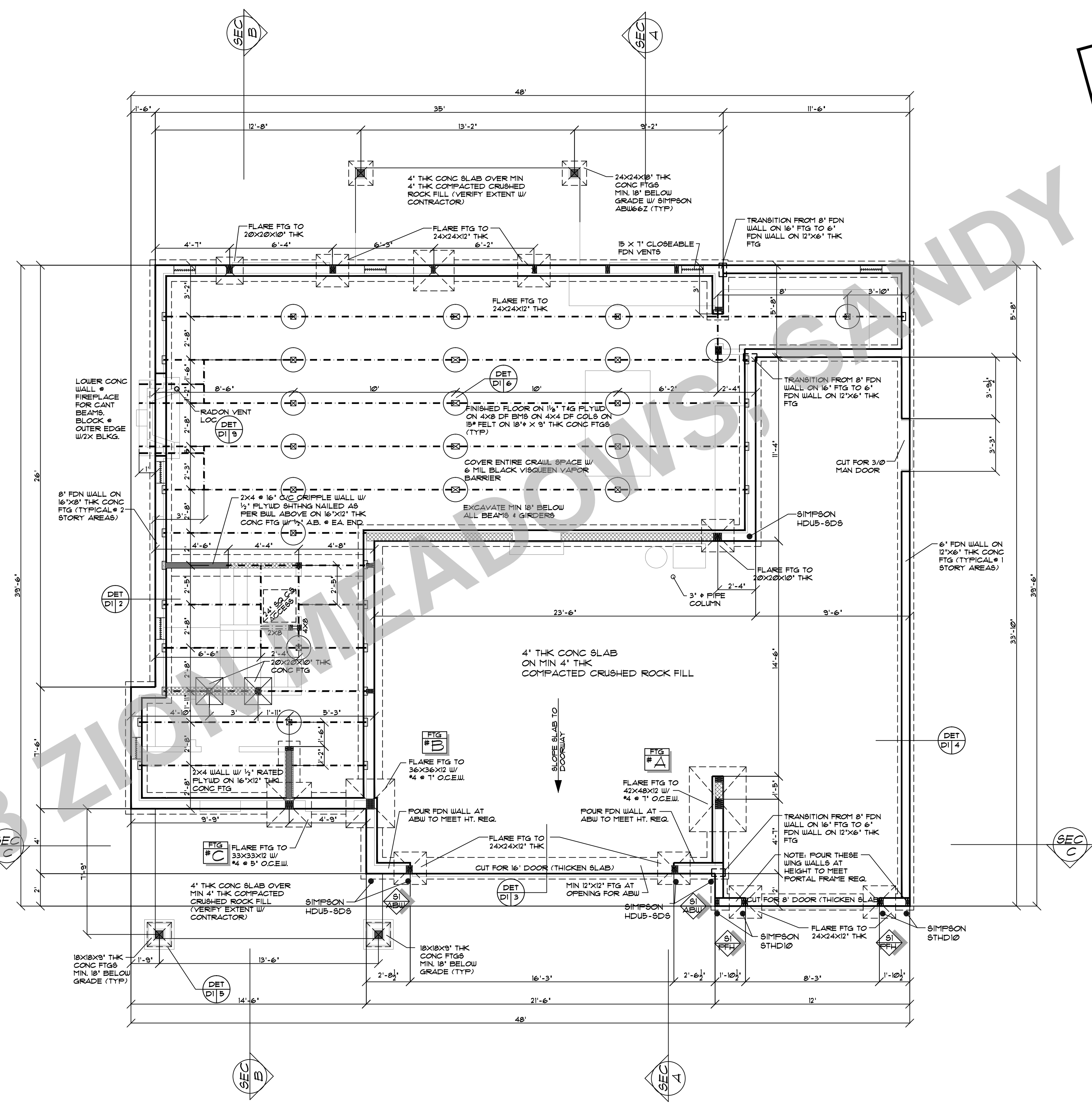
PLAN NO: 11514 B  
DATE: 10-5-18  
SCALE: 1/4" = 1'-0"



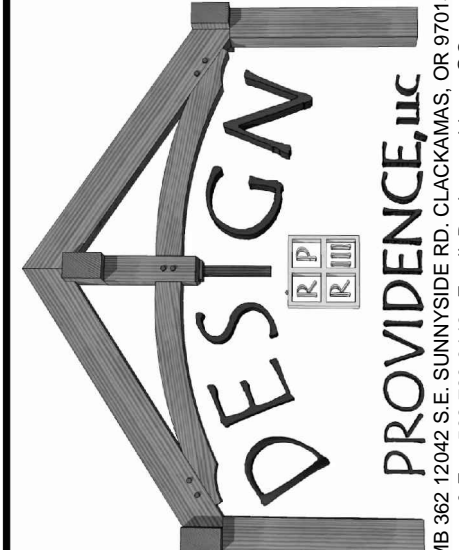
LOT 33 ZION MEADOWS, SANDY OR

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------|
| PLAN NO: 11514 B<br>DATE: 10-5-18<br>SCALE: 1/4" = 1'-0"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <h2 style="margin: 0;">THE FAIRVIEW B STOTTS REVISION</h2> | <h2 style="margin: 0;">CROSS SECTIONS</h2> |
| CLIENT NAME:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LOCATION:                                                  | SHEET TITLE:                               |
| <p style="font-size: 8px; margin: 0;">           PROVIDENCE, INC.<br/>           1000 S. MAIN ST. SUITE 200<br/>           PORTLAND, OR 97202<br/>           Phone &amp; Fax: 503-709-0448 Email: Design@providenceinc.com<br/>           Website: www.providenceinc.com         </p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                            | SQUARE FEET:                               |
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| SHEET NR:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                            |                                            |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |                                            |

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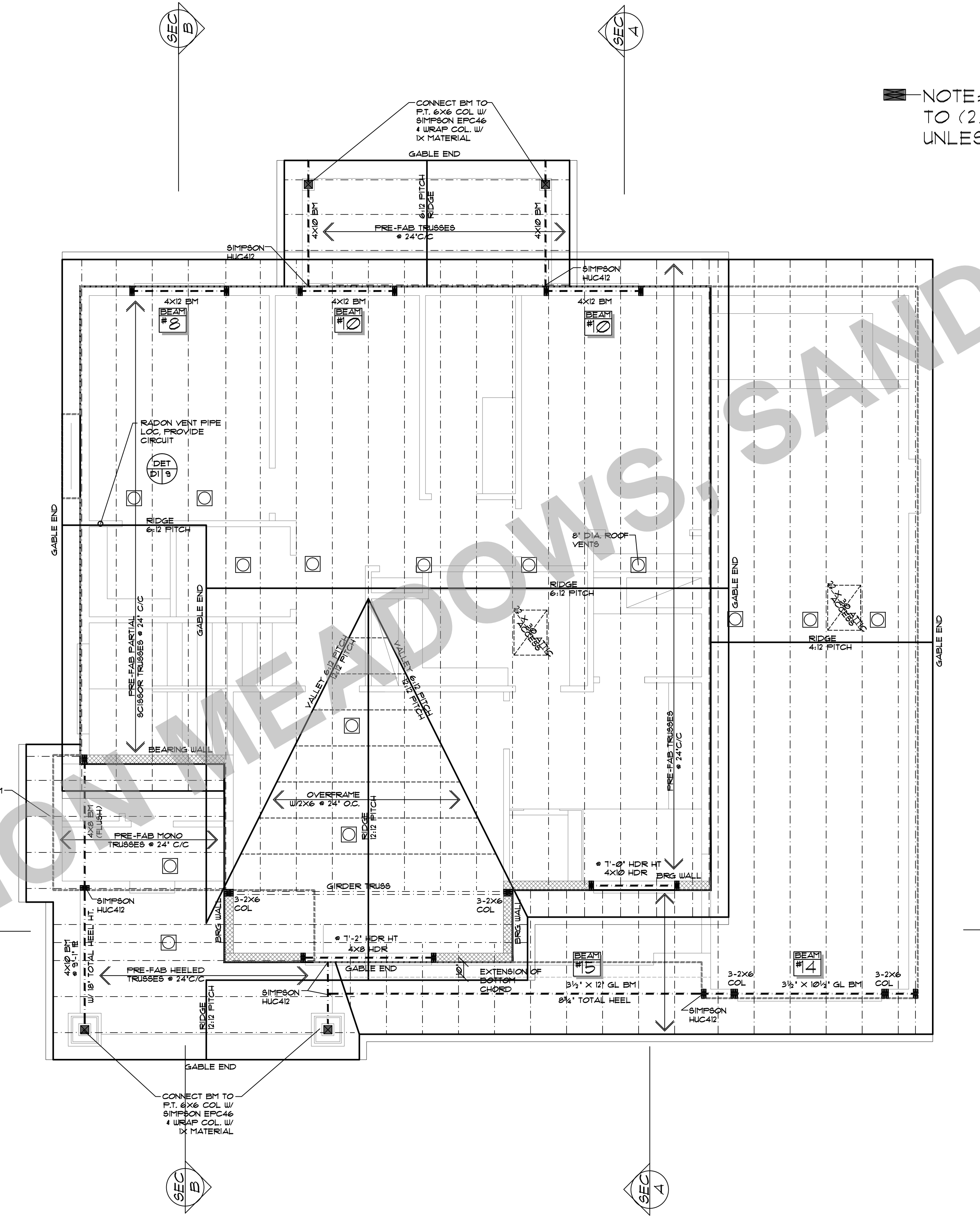
LOT 33 ZONING

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |
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| PROJECT NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11514B                         |
| DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11-7-18                        |
| SCALE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1/4" = 1'-0"                   |
| CLIENT NAME:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | THE FAIRVIEW B STOTTS REVISION |
| LOCATION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                |
| SHEET TITLE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FOUNDATION PLAN                |
| SQUARE FEET:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |
| <small>PROVIDENCE, LLC<br/>       PMB 82 12042 S.E. SUNNYSIDE RD. CLACKAMAS, OR 97015<br/>       Phone &amp; Fax: 503-790-0446 Email: Designprovidence@G.com<br/>       www.designprovidence.com</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |
| <small>THESE PLANS HAVE BEEN LICENSED TO THE CUSTOMER FOR THE USE IN THE STATE OF OREGON. THE CUSTOMER IS NOT TO REPRODUCE, COPY, OR ALTER THESE PLANS IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE PLANS. THE CUSTOMER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AND STATE AUTHORITIES. THE DESIGNER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED. THE CUSTOMER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND DETAILS IN THE PLANS FOR WHICH THE DESIGNER HAS NOT PROVIDED SPECIFICATIONS. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DELAYS OR INTERFERENCE WITH THE WORK. THE CUSTOMER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PLANS AND FOR THE PROTECTION OF THE WORK. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE WORK OR TO THE PROPERTY OF THE CUSTOMER. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY INJURY TO PERSONS OR PROPERTY. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY COSTS OF DEFENSE OR ATTORNEY'S FEES. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY OTHER DAMAGES. THE CUSTOMER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PLANS AND FOR THE PROTECTION OF THE WORK. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE WORK OR TO THE PROPERTY OF THE CUSTOMER. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY INJURY TO PERSONS OR PROPERTY. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY COSTS OF DEFENSE OR ATTORNEY'S FEES. THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY OTHER DAMAGES.</small> |                                |
| SHEET NR:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5                              |





LOT 33 ZION MEADOWS



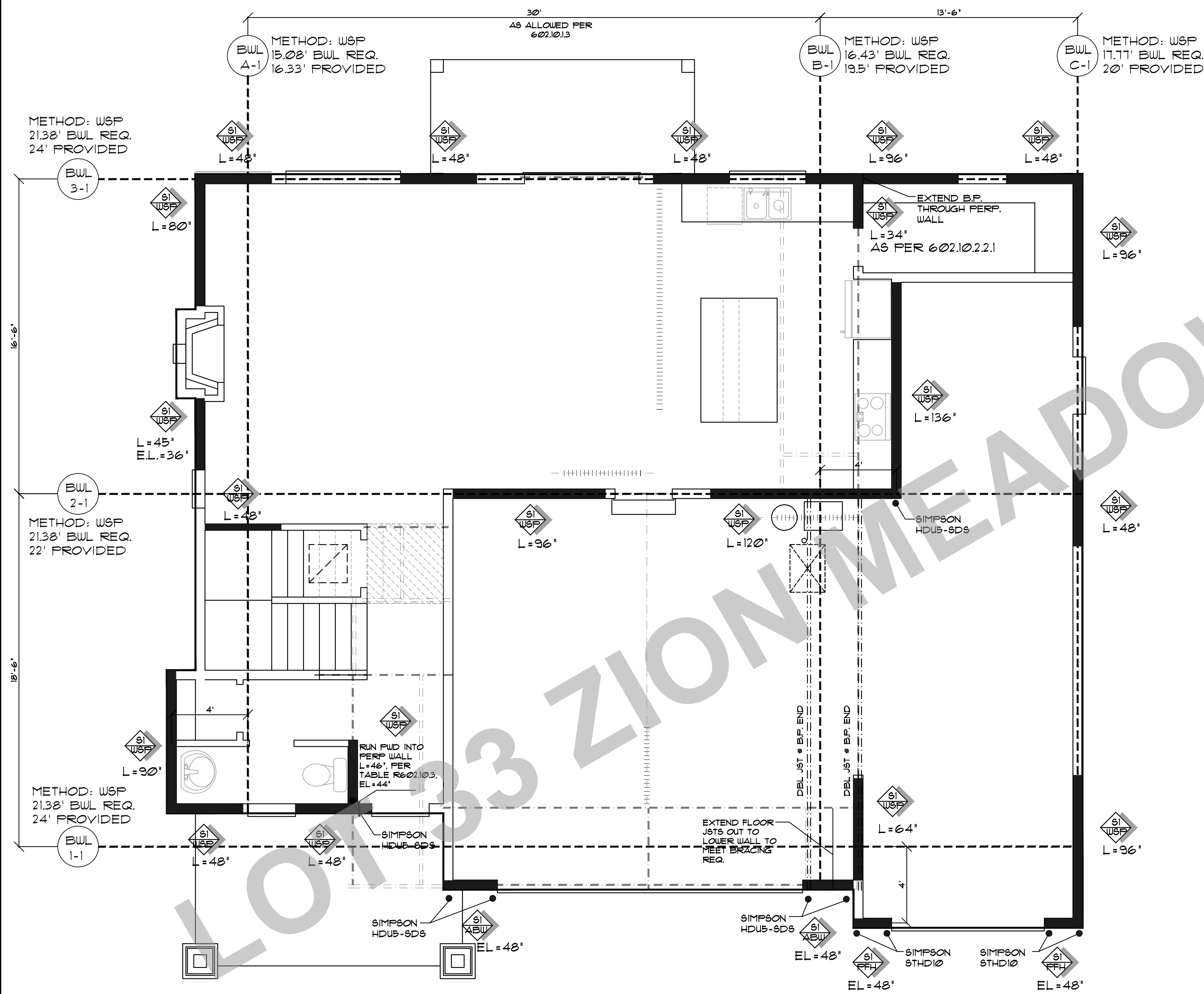
NOTE: MIN BEARING POST TO (2)2X TO MATCH WALL UNLESS NOTED OTHERWISE

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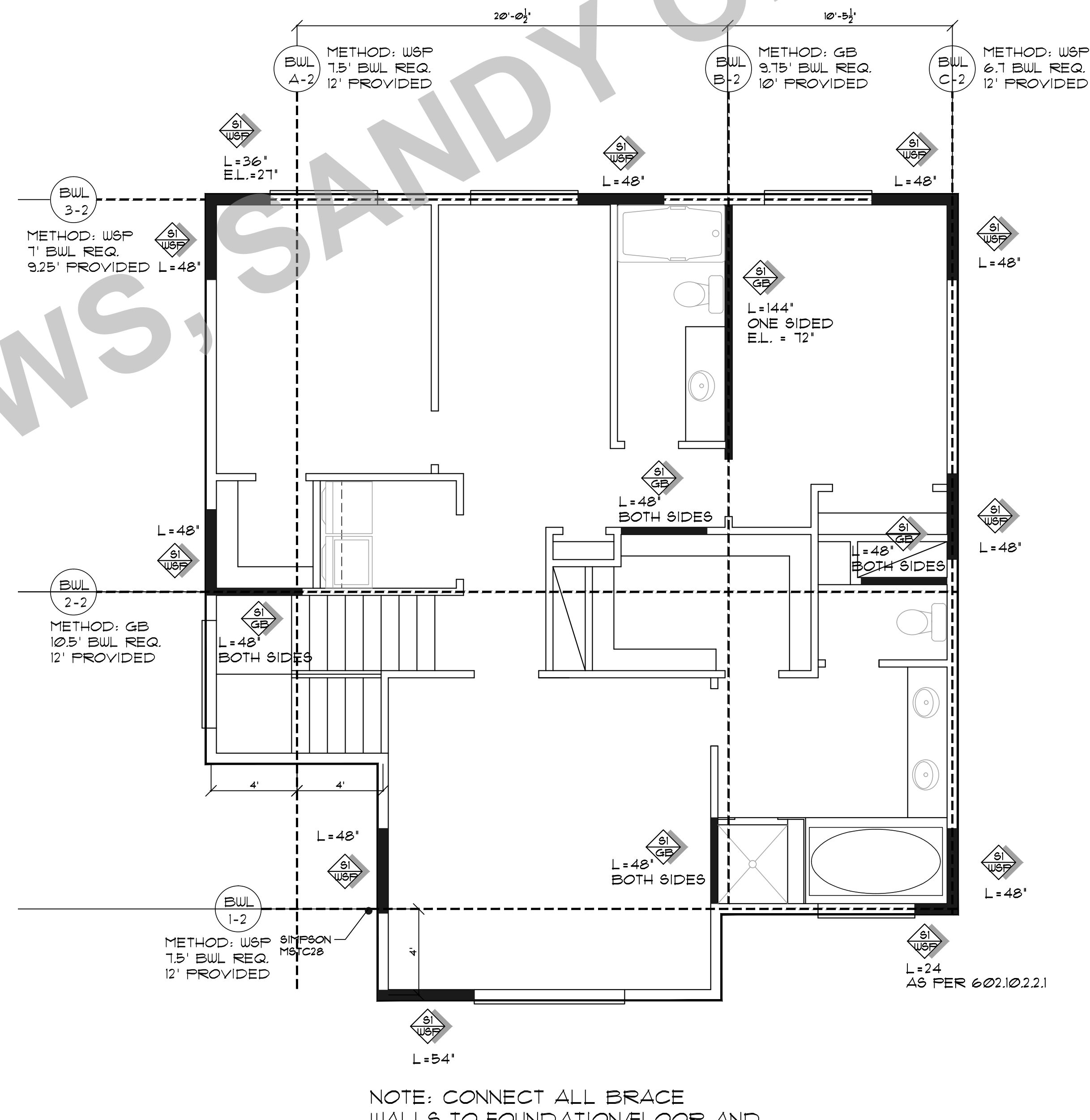
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| PLAN NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11514 B                         |
| DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11-7-18                         |
| SCALE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4" = 1'-0"                    |
| CLIENT NAME:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | THE FAIRVIEW B STOTTIS REVISION |
| LOCATION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |
| SHEET TITLE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ROOF FRAMING PLAN               |
| SQUARE FEET:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| <br>PROVIDENCE, LLC<br>1000 S. SUNNYSIDE RD. CLACKAMAS, OR 97015<br>Phone & Fax: 503.265.9900<br>Web: designrpklive.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |
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| SHEET NR:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7                               |

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NOTE: CONNECT ALL BRACE  
 WALLS TO FOUNDATION/FLOOR AND  
 ROOF AS PER DET S1-A AS  
 APPLICABLE TO THAT LOCATION  
**MAIN FLOOR PLAN**



NOTE: CONNECT ALL BRACE  
 WALLS TO FOUNDATION/FLOOR AND  
 ROOF AS PER DET S1-A AS  
 APPLICABLE TO THAT LOCATION  
**UPPER FLOOR PLAN**

|           |              |
|-----------|--------------|
| PRINT NO: | 11514 B      |
| DATE:     | 11-7-18      |
| SCALE:    | 1/4" = 1'-0" |

|              |                                  |
|--------------|----------------------------------|
| CLIENT NAME: | THE FAIRVIEW B STOTTIS REVISION  |
| LOCATION:    |                                  |
| SHEET TITLE: | <b>PRESCRIPTIVE WALL BRACING</b> |
| SQUARE FEET: |                                  |

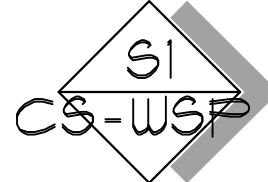
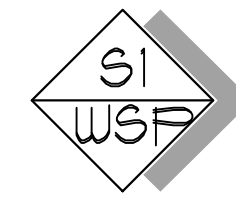
**DESIGN R P R**

PROVIDENCE, LLC  
 362 S. SUNNYSIDE RD., CLACKAMAS, OR 97015  
 Phone & Fax: 503-762-4448 Email: Design@providence1.com  
 www.providence1.com

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SHEET NR.  
**S**





|                                                       |      |  |                                                            |                                                                                          |
|-------------------------------------------------------|------|--|------------------------------------------------------------|------------------------------------------------------------------------------------------|
| WSP<br>Wood structural panel<br>(See Section R604)    | 3/8" |  | Exterior sheathing per Table R602.3(3)                     | 6" edges 12" field                                                                       |
|                                                       |      |  | Interior sheathing per Table R602.3(1) or R602.3(2)        | Varies by fastener                                                                       |
| CS-WSP<br>Continuously sheathed wood structural panel | 3/8" |  | Exterior sheathing per Table R602.3(3)                     | 6" edges 12" field                                                                       |
|                                                       |      |  | Interior sheathing per Table R602.3(1) or R602.3(2)        | Varies by fastener                                                                       |
| GB<br>Gypsum board                                    | 1/2" |  | Nails or screws per Table R602.3(1) for exterior locations | For all braced wall panel locations: 7" edges (including top and bottom plates) 7" field |
|                                                       |      |  | Nails or screws per Table R702.3.5 for interior locations  |                                                                                          |

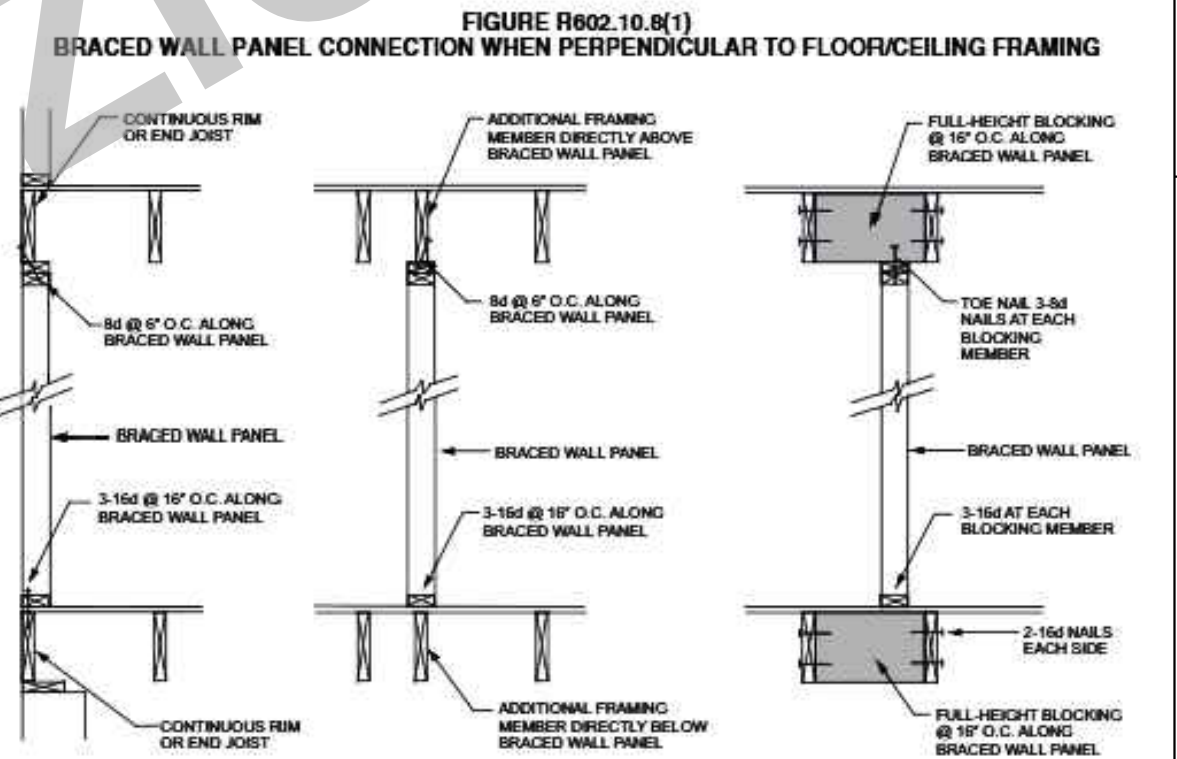
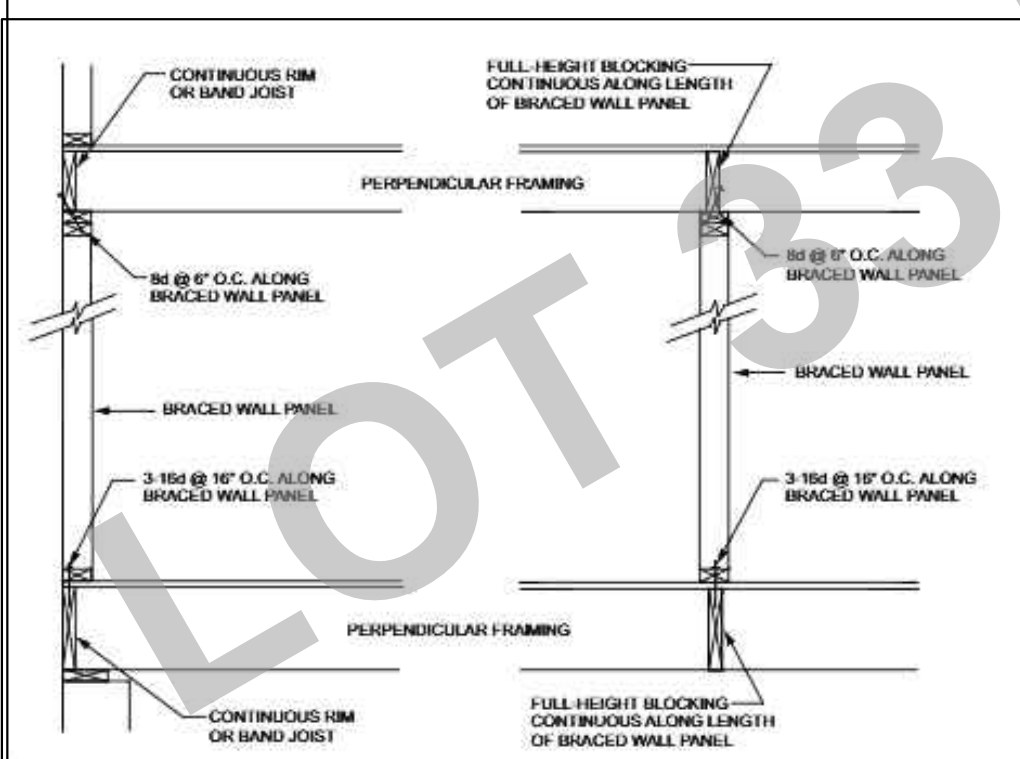
**TABLE R602.3(3) REQUIREMENTS FOR WOOD STRUCTURAL PANEL WALL SHEATHING USED TO RESIST WIND PRESSURES<sup>a, b, c</sup>**

| Size                      | Penetration (Inches) | MINIMUM WOOD STRUCTURAL PANEL SPAN RATING | MINIMUM NOMINAL THICKNESS (Inches) | MAXIMUM WALL STUD SPACING (Inches) | PANEL NAIL SPACING  |                     | ULTIMATE DESIGN WIND SPEED V <sub>ult</sub> (mph) |     |     |
|---------------------------|----------------------|-------------------------------------------|------------------------------------|------------------------------------|---------------------|---------------------|---------------------------------------------------|-----|-----|
|                           |                      |                                           |                                    |                                    | Edges (Inches o.c.) | Field (Inches o.c.) | B                                                 | C   | D   |
| 6d Common (2.0" x 0.113") | 1.5                  | 24/0                                      | 3/8                                | 16                                 | 6                   | 12                  | 140                                               | 115 | 110 |
| 8d Common (2.5" x 0.131") | 1.75                 | 24/16                                     | 7/16                               | 16                                 | 6                   | 12                  | 170                                               | 140 | 135 |
|                           |                      |                                           |                                    | 24                                 | 6                   | 12                  | 140                                               | 115 | 110 |

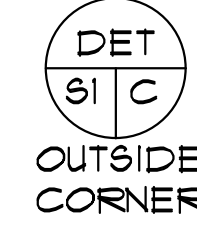
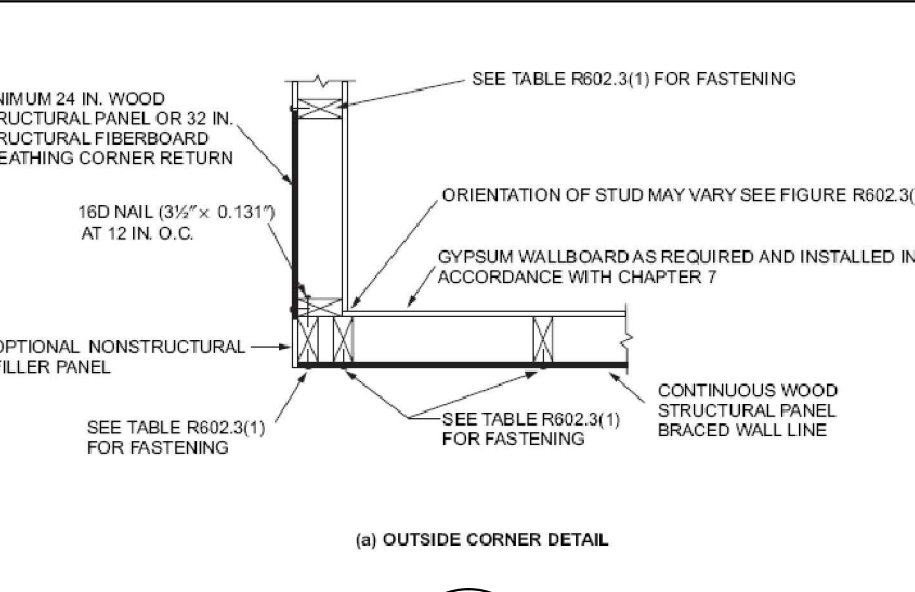
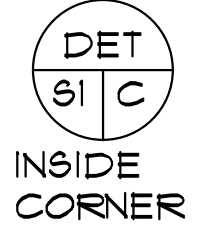
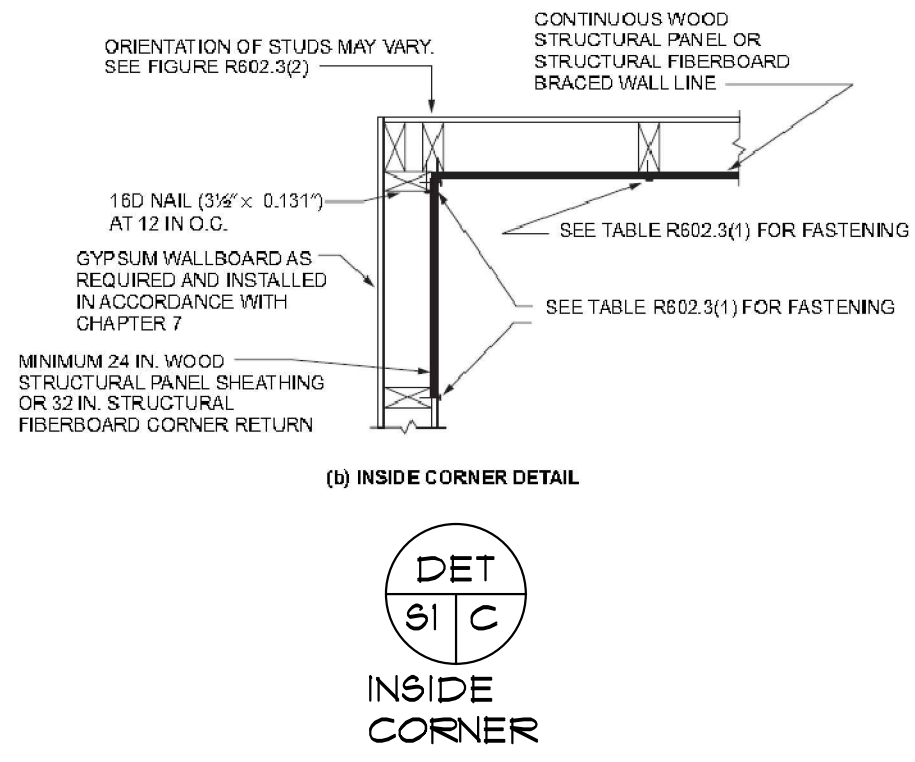
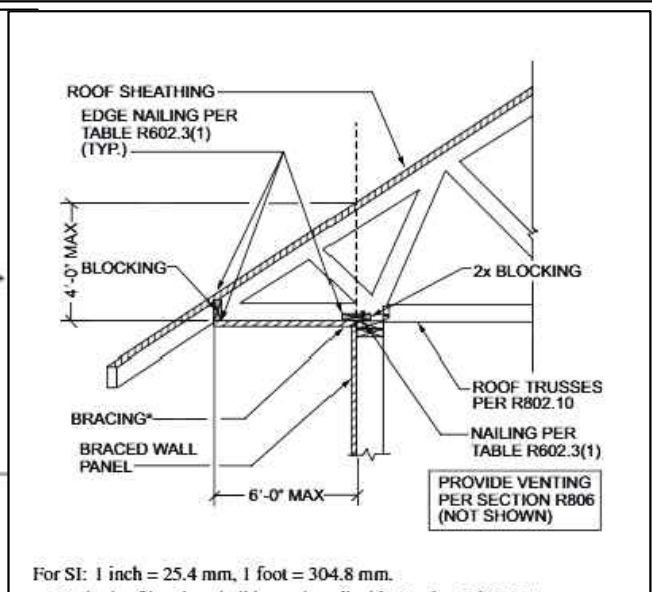
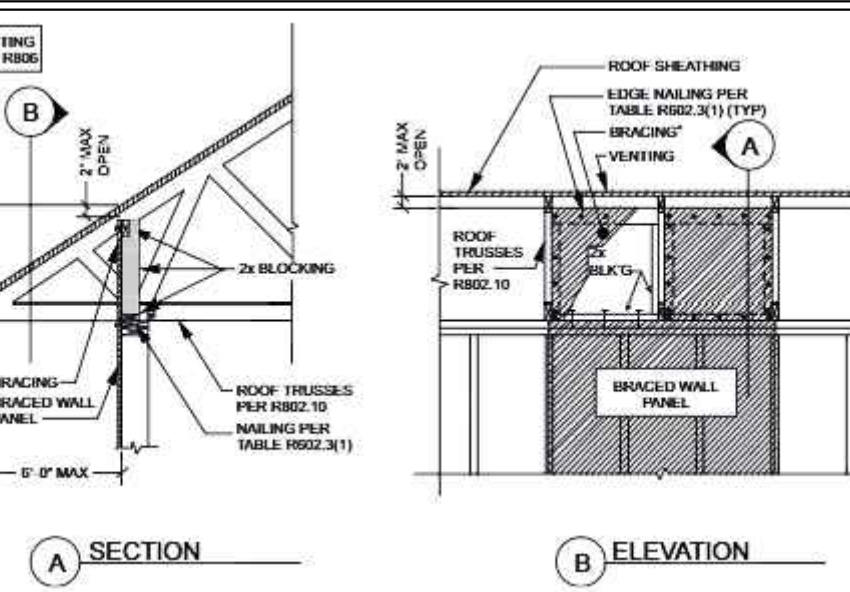
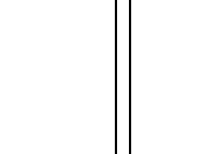
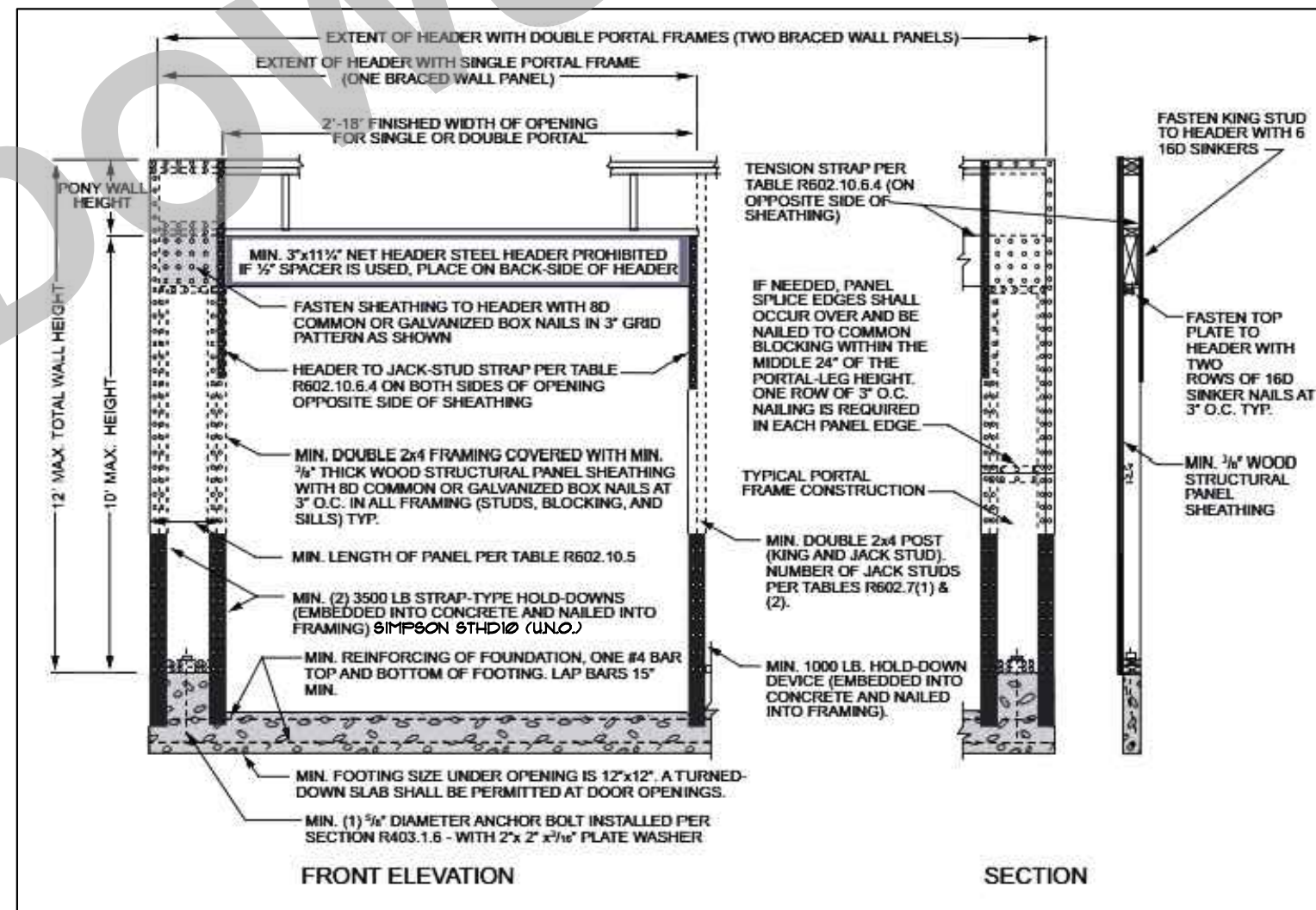
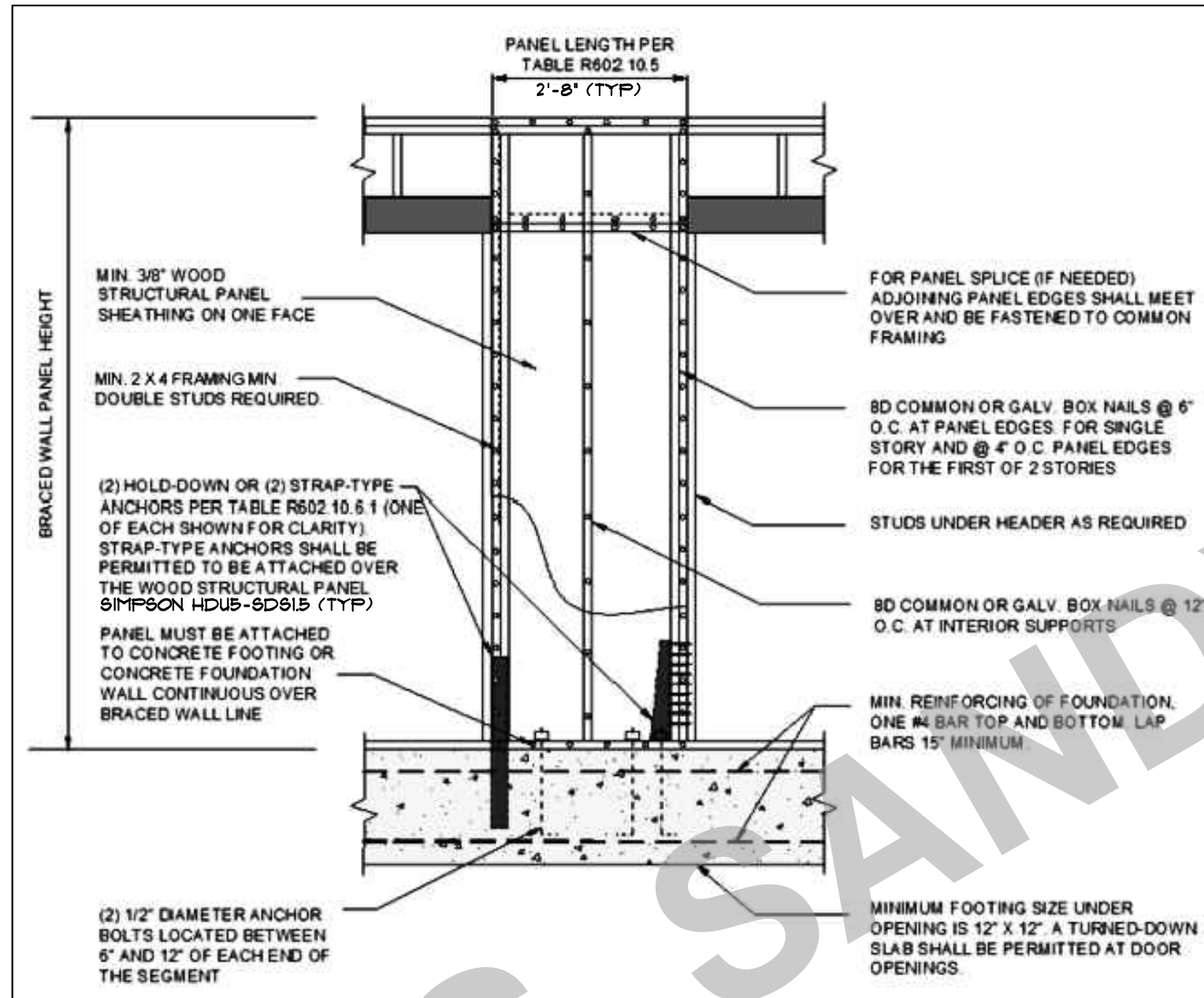
For SI: 1 inch = 25.4 mm, 1 mile per hour = 0.447 m/s.  
 a. Panel strength axis parallel or perpendicular to supports. Three-ply plywood sheathing with studs spaced more than 16 inches on center shall be applied with panel strength axis perpendicular to supports.  
 b. Table is based on wind pressures acting toward and away from building surfaces in accordance with Section R301.2. Lateral bracing requirements shall be in accordance with Section R602.10.  
 c. Wood structural panels with span ratings of Wall-16 or Wall-24 shall be permitted as an alternate to panels with a 24/0 span rating. Plywood siding rated 16 o.c. or 24 o.c. shall be permitted as an alternate to panels with a 24/16 span rating. Wall-16 and Plywood siding 16 o.c. shall be used with studs spaced not more than 16 inches on center.

**TABLE R702.3.5 MINIMUM THICKNESS AND APPLICATION OF GYPSUM BOARD AND GYPSUM PANEL PRODUCTS**

| THICKNESS OF GYPSUM BOARD OR GYPSUM PANEL PRODUCTS (Inches) | APPLICATION          | ORIENTATION OF GYPSUM BOARD OR GYPSUM PANEL PRODUCTS TO FRAMING | MAXIMUM SPACING OF FRAMING MEMBERS (Inches o.c.) | MAXIMUM SPACING OF FASTENERS (Inches) |                     | SIZE OF NAILS FOR APPLICATION TO WOOD FRAMING <sup>a</sup>                                                                                                                                                  |
|-------------------------------------------------------------|----------------------|-----------------------------------------------------------------|--------------------------------------------------|---------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             |                      |                                                                 |                                                  | Nails <sup>a</sup>                    | Screws <sup>b</sup> |                                                                                                                                                                                                             |
| 3/8                                                         | Ceiling <sup>d</sup> | Perpendicular                                                   | 16                                               | 7                                     | 12                  | 13 gage, 1 1/4" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; or 4d cooler nail, 0.080" diameter, 1 3/4" long, 7/32" head.                                                               |
|                                                             | Wall                 | Either direction                                                | 16                                               | 8                                     | 16                  | 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; 5d cooler nail, 0.086" diameter, 1 3/4" long, 19/64" head; or gypsum board nail, 0.086" diameter, 1 3/8" long, 9/32" head. |
|                                                             | Ceiling <sup>d</sup> | Either direction                                                | 16                                               | 7                                     | 12                  | 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; 5d cooler nail, 0.086" diameter, 1 3/4" long, 19/64" head; or gypsum board nail, 0.086" diameter, 1 3/8" long, 9/32" head. |
|                                                             | Wall                 | Either direction                                                | 24                                               | 7                                     | 12                  | 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; 5d cooler nail, 0.086" diameter, 1 3/4" long, 19/64" head; or gypsum board nail, 0.086" diameter, 1 3/8" long, 9/32" head. |
| 1/2                                                         | Ceiling <sup>d</sup> | Perpendicular                                                   | 24                                               | 7                                     | 12                  | 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; 5d cooler nail, 0.086" diameter, 1 3/4" long, 19/64" head; or gypsum board nail, 0.086" diameter, 1 3/8" long, 9/32" head. |
|                                                             | Wall                 | Either direction                                                | 24                                               | 8                                     | 12                  | 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; 5d cooler nail, 0.086" diameter, 1 3/4" long, 19/64" head; or gypsum board nail, 0.086" diameter, 1 3/8" long, 9/32" head. |
| 1/2                                                         | Ceiling <sup>d</sup> | Perpendicular                                                   | 24                                               | 7                                     | 12                  | 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; 5d cooler nail, 0.086" diameter, 1 3/4" long, 19/64" head; or gypsum board nail, 0.086" diameter, 1 3/8" long, 9/32" head. |
|                                                             | Wall                 | Either direction                                                | 24                                               | 8                                     | 12                  | 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular-ringed; 5d cooler nail, 0.086" diameter, 1 3/4" long, 19/64" head; or gypsum board nail, 0.086" diameter, 1 3/8" long, 9/32" head. |



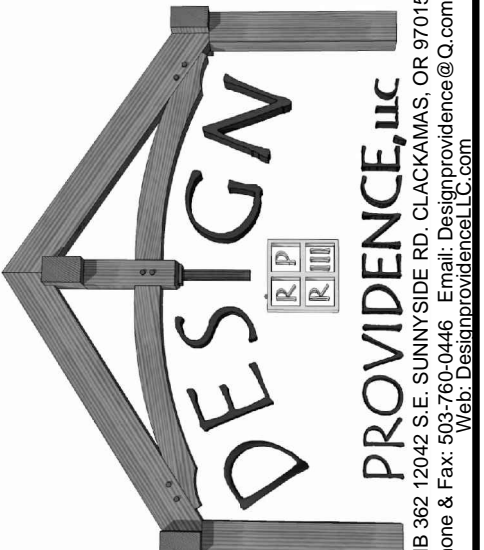
NOTE: CONNECT ALL BRACE WALLS TO FOUNDATION/FLOOR AND ROOF AS PER DET S1-A AS APPLICABLE TO THAT LOCATION



PRINT NO: 11514 B  
 DATE: 10-5-18  
 SCALE: 1/4" = 1'-0"

THE FAIRVIEW B STOTTIS REVISION

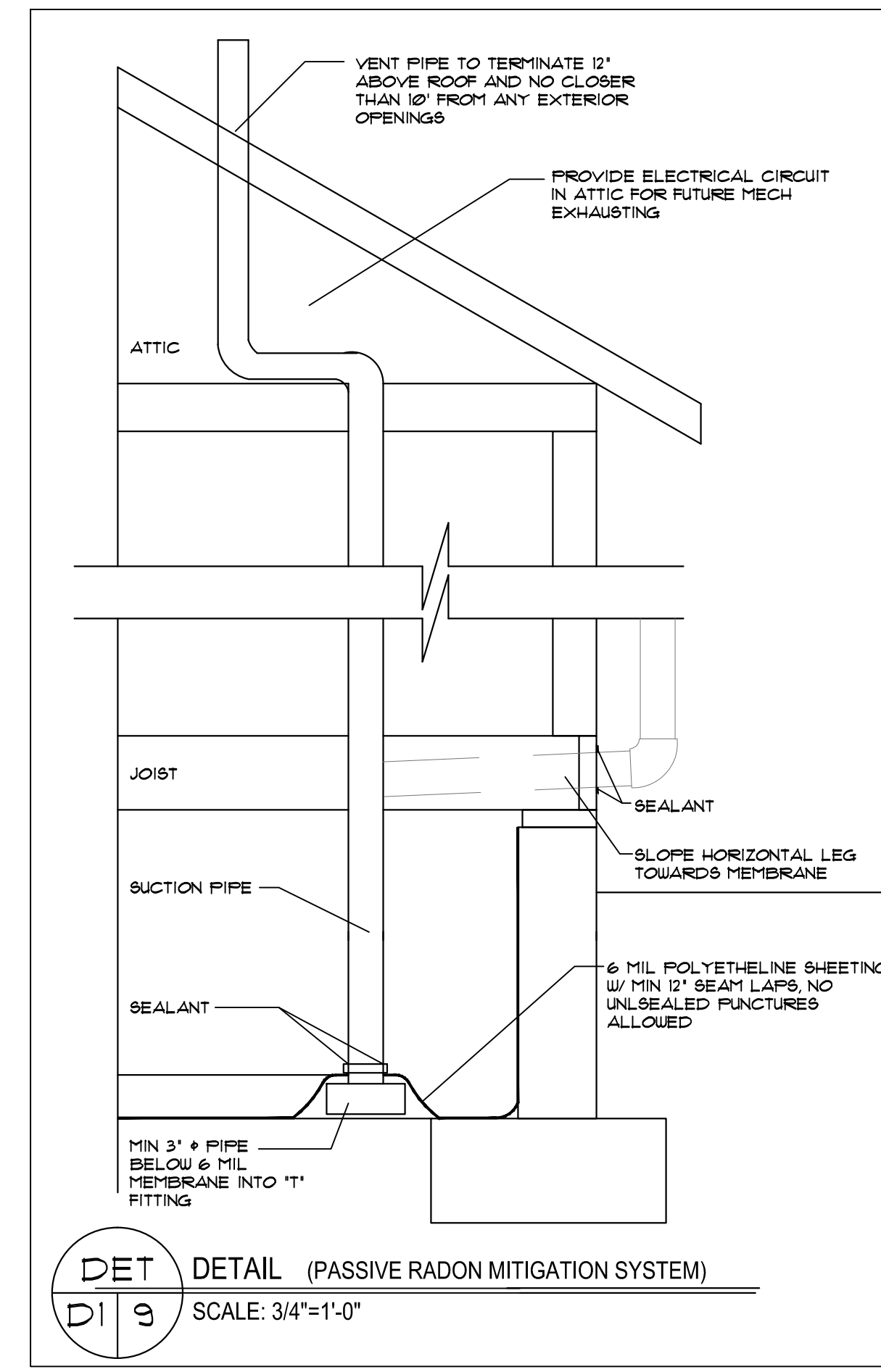
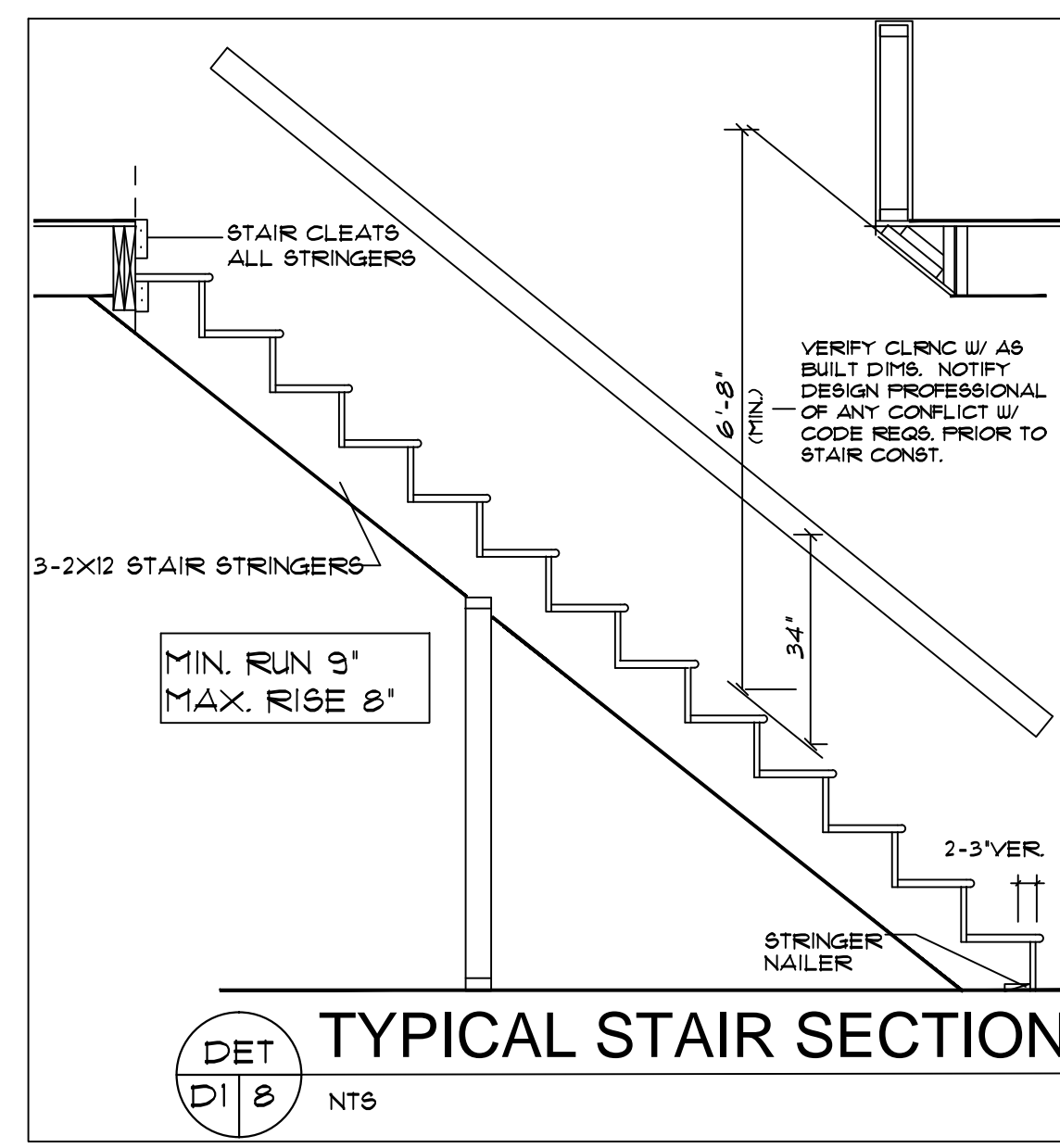
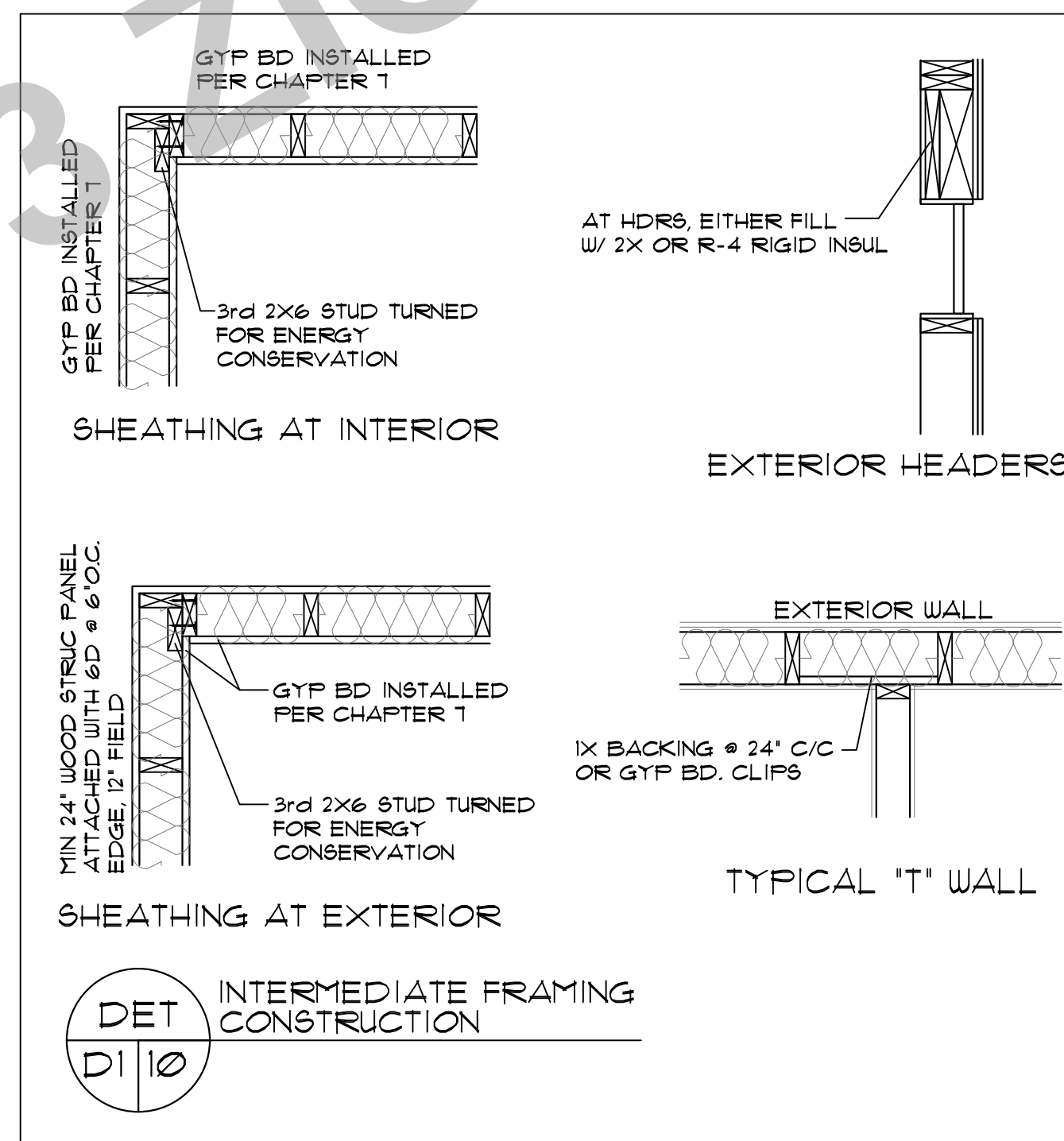
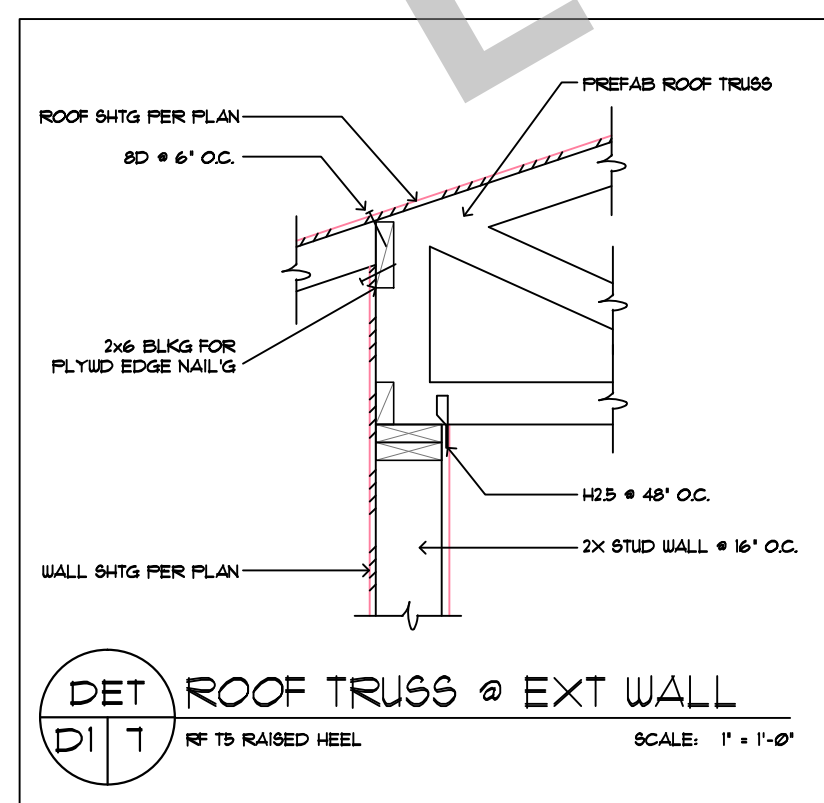
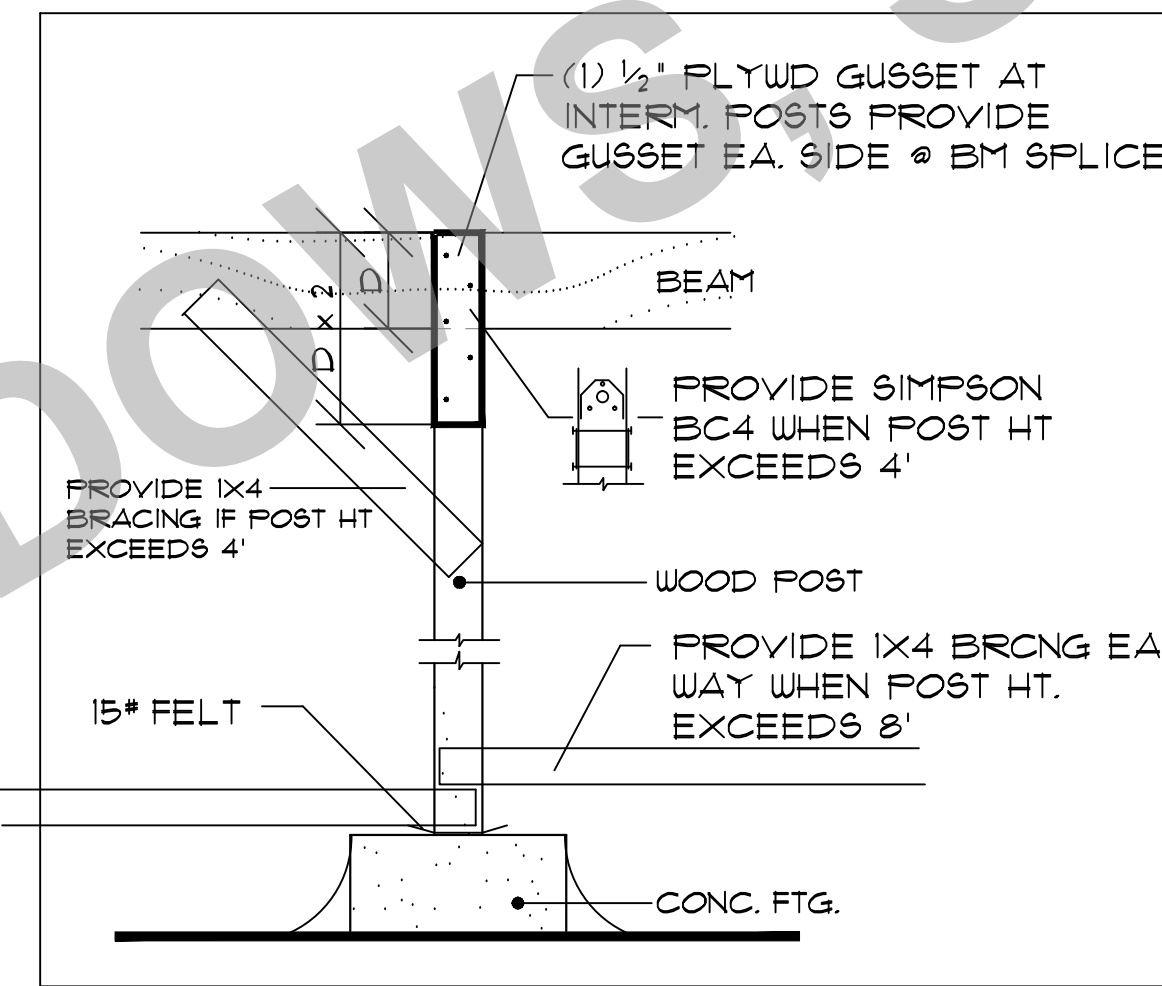
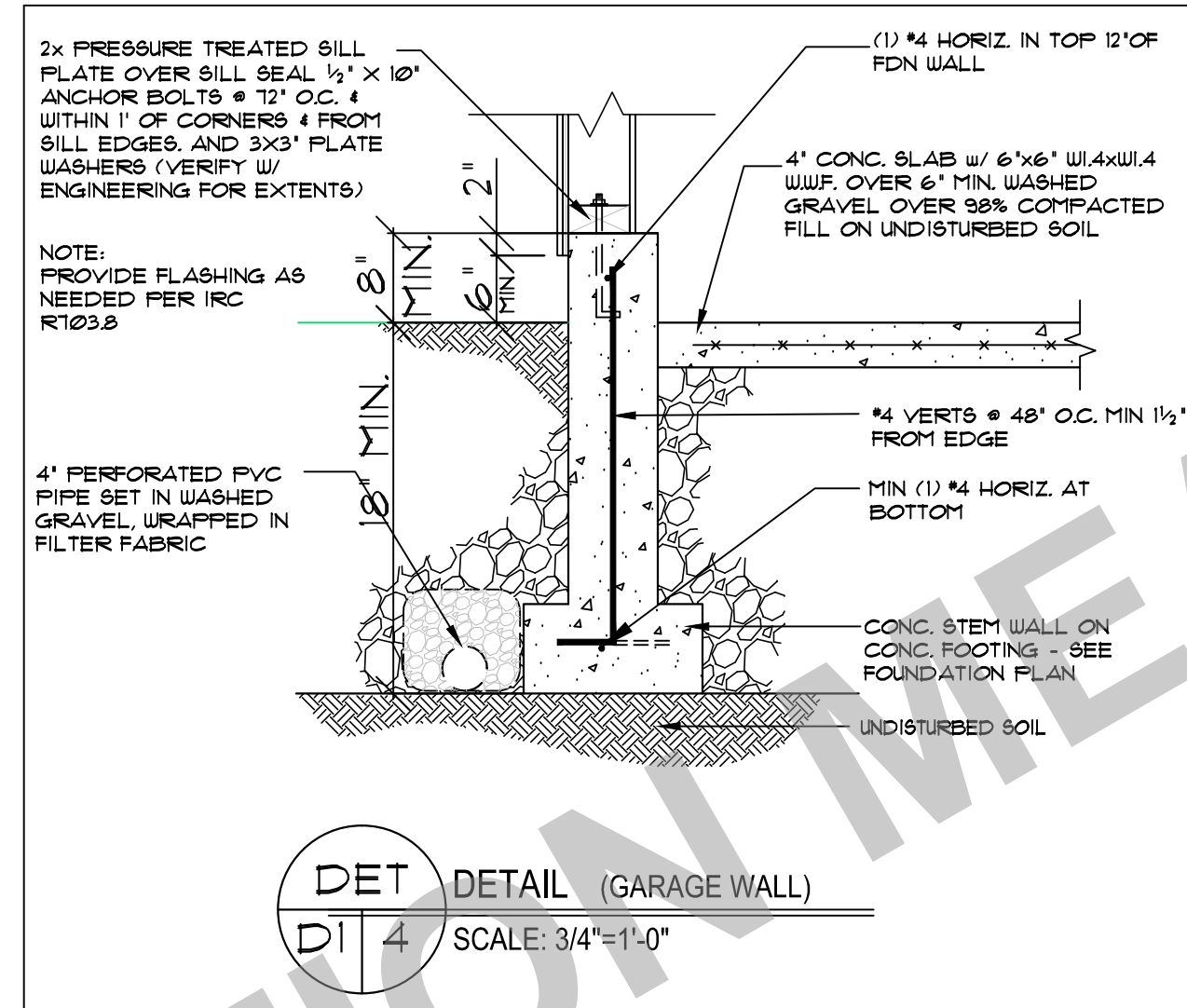
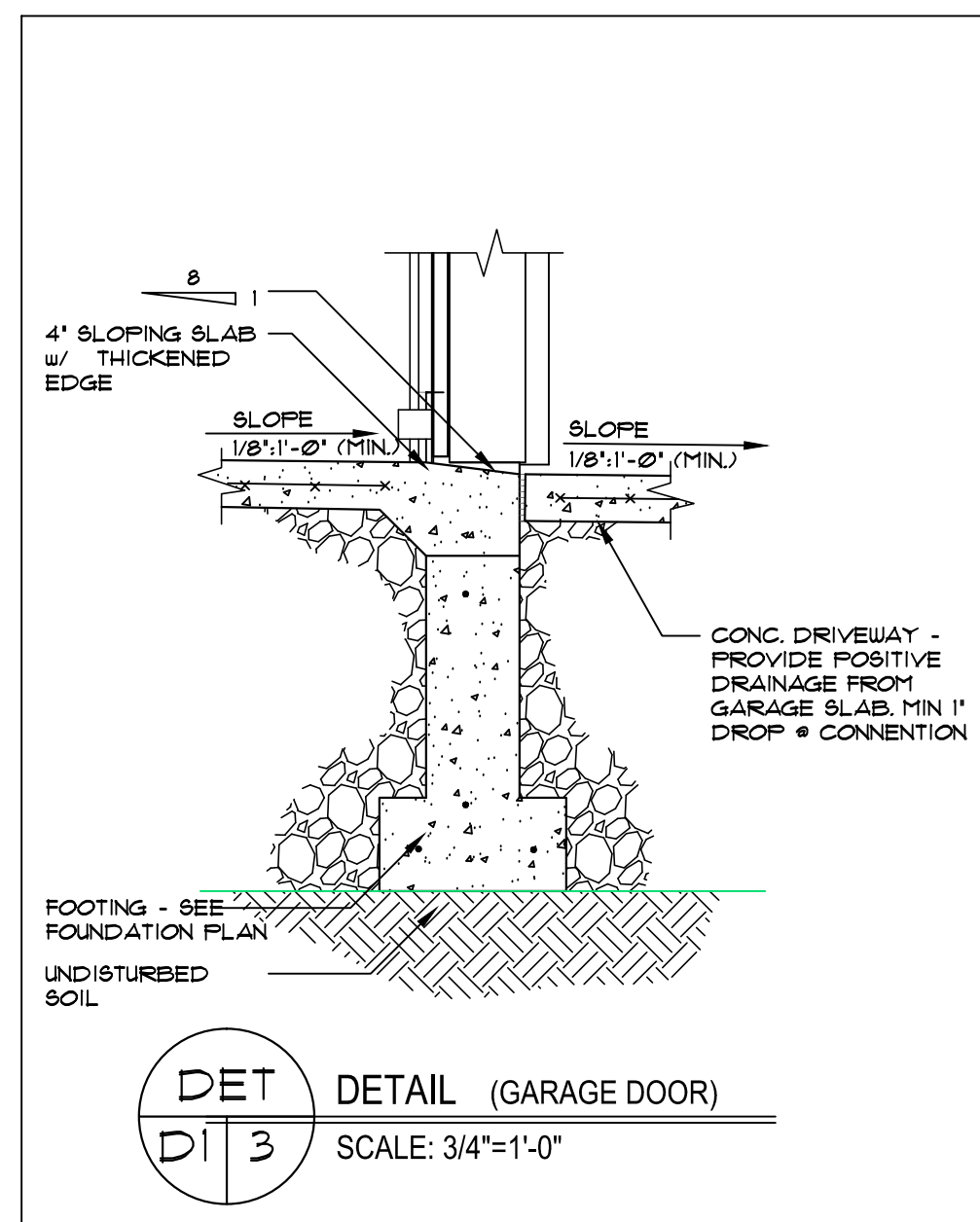
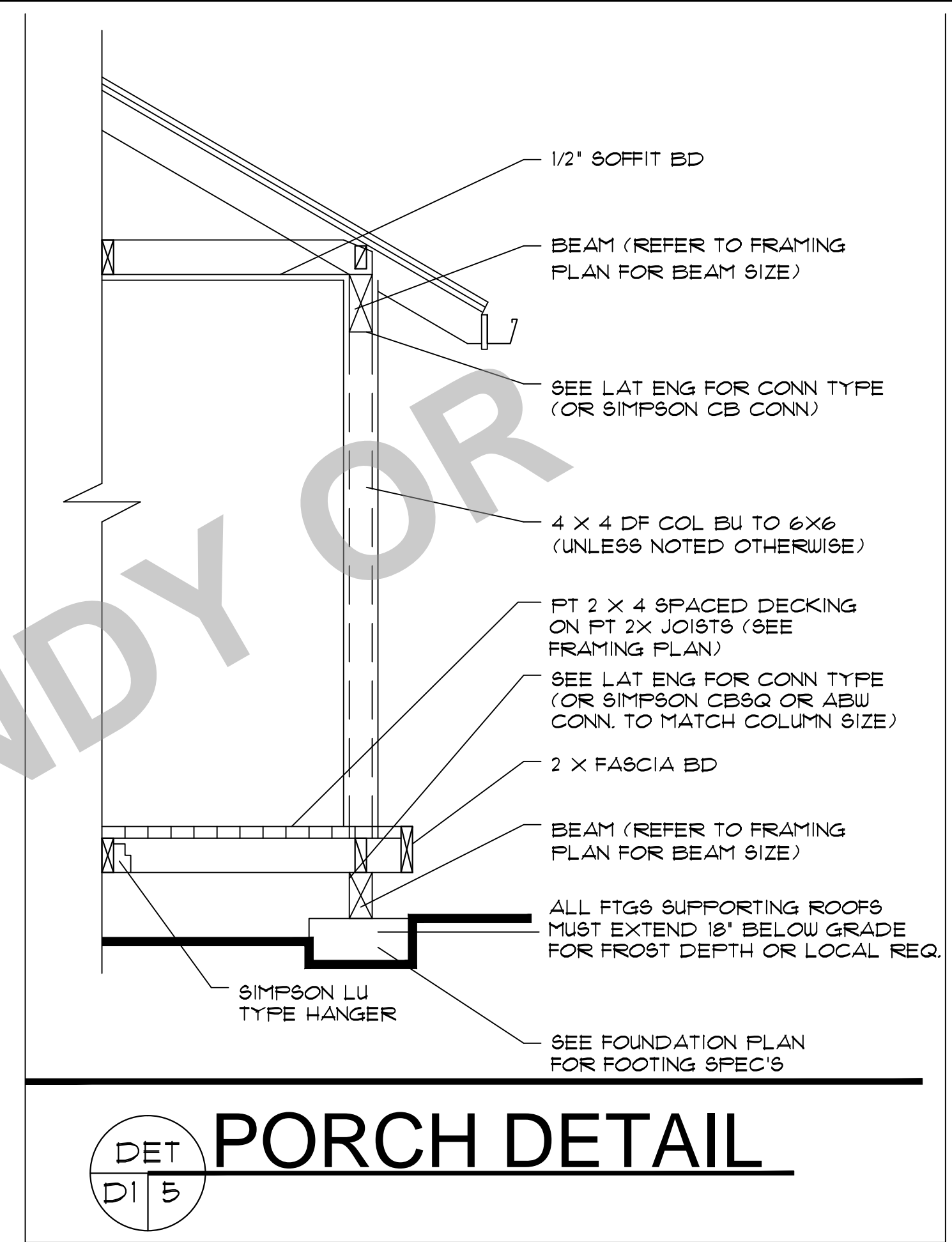
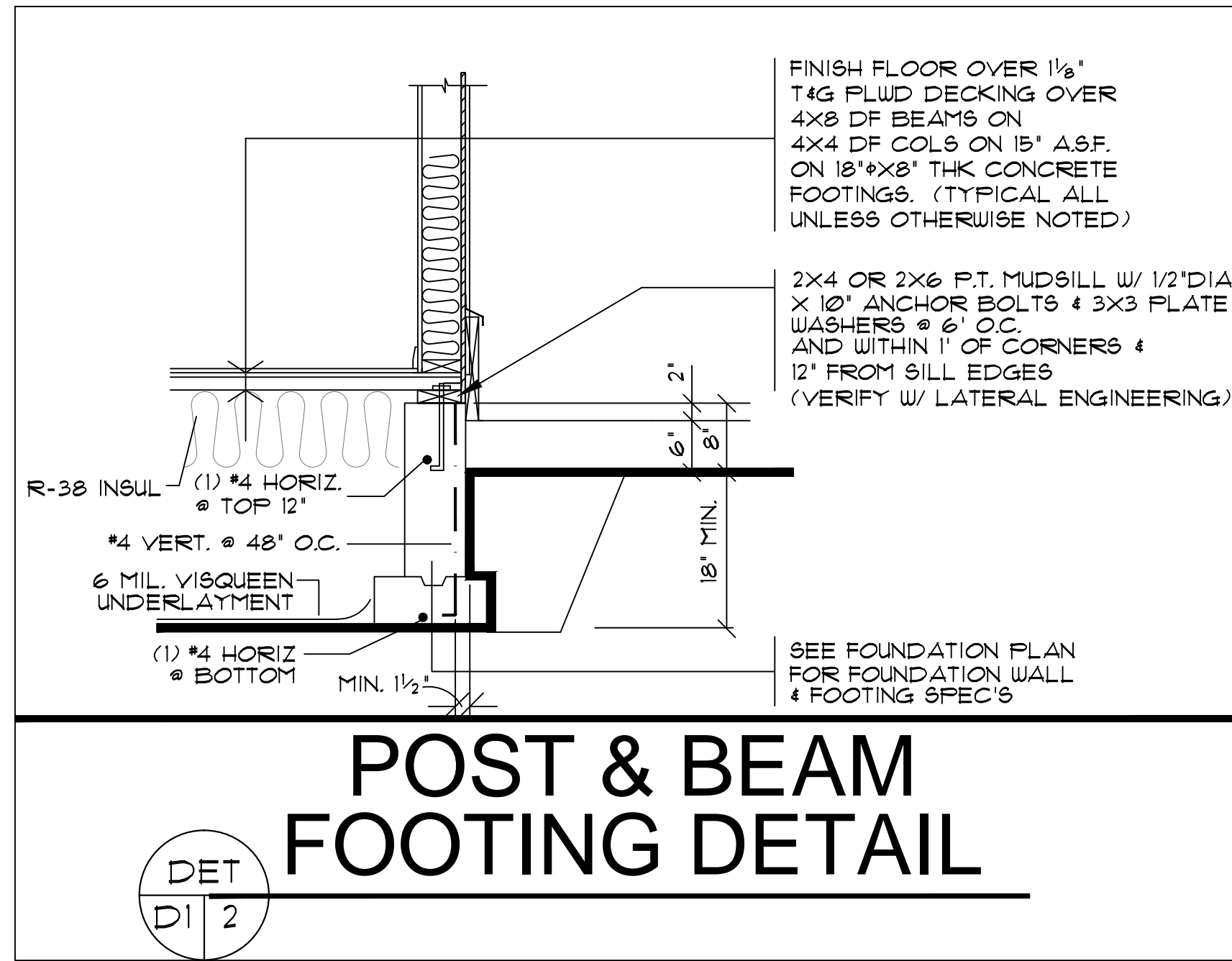
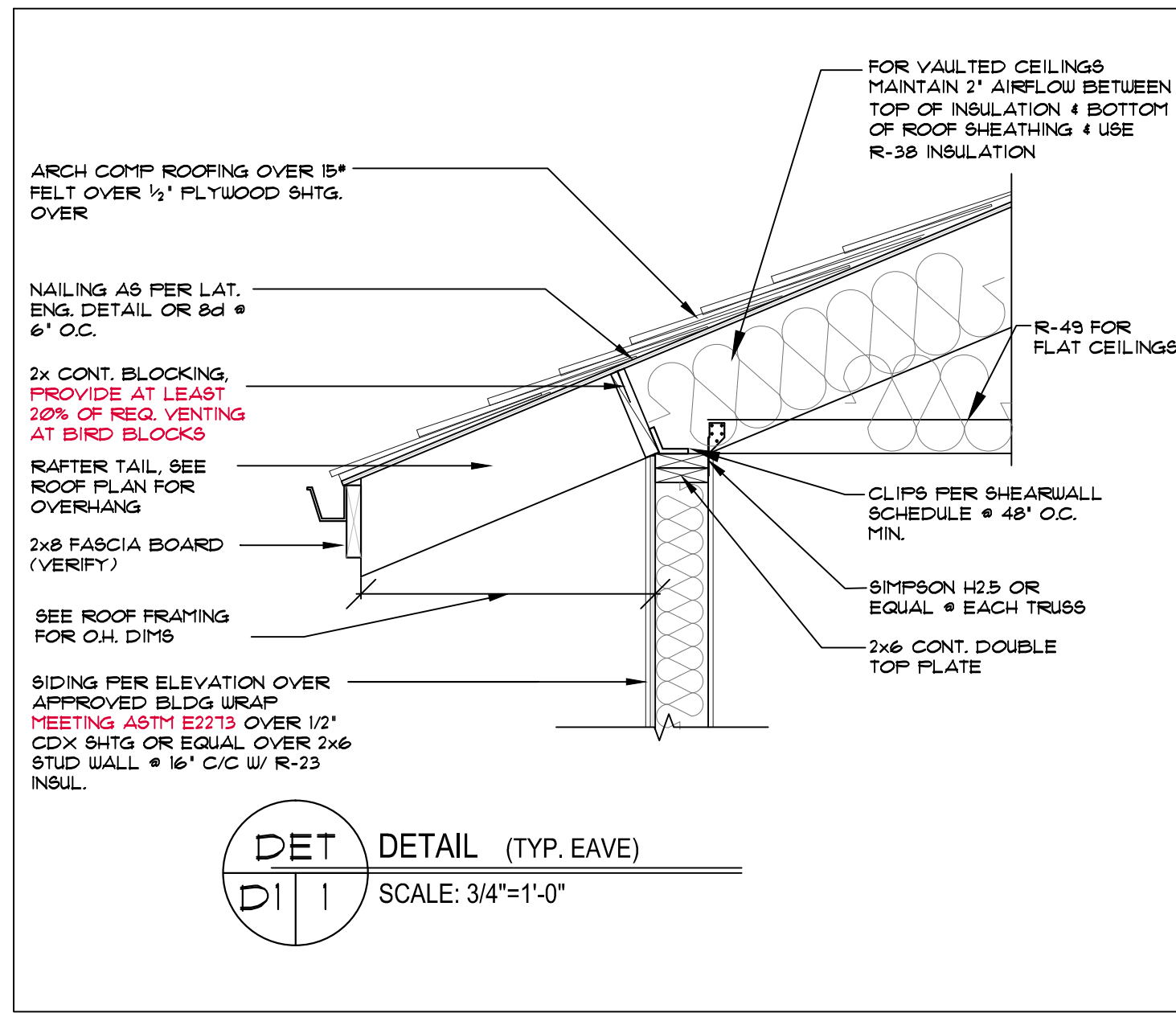
CLIENT NAME: LOCATION: SHEET TITLE: SQUARE FEET:



PROVIDENCE, LLC  
 1000 W. MAIN ST., SUITE 100, PROVIDENCE, RI 02902  
 Phone & Fax: 401-761-0446 Email: Design@providence.com

SHEET NR. S1





PROJECT NO: 11514 B  
DATE: 10-5-18  
SCALE: 1/4" = 1'-0"

THE FAIRVIEW B STOTTS REVISION

TYPICAL DETAILS

| CLIENT NAME: | LOCATION: | SHEET TITLE: | SQUARE FEET: |
|--------------|-----------|--------------|--------------|
|              |           |              |              |

**DESIGN** PROVIDENCE, RI  
R.P. B.L.H.

PROVIDENCE, RI  
PMB 302 10042 S.E. SUNNYSIDE RD. CLACKAMAS, OR 97015  
Phone & fax: 503-769-0446 Email: Designprovidencemot@Comcast.net  
Web: Designprovidencemot.com

THIS PLAN HAS BEEN LICENSED TO THE CUSTOMER FOR THE USE IN THE PROJECT AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE DESIGN PROFESSIONAL. THE DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR ANY CONFLICTS BETWEEN THIS PLAN AND ANY OTHER PLANS OR SPECIFICATIONS. THE DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR ANY CONFLICTS BETWEEN THIS PLAN AND ANY LOCAL, STATE, OR FEDERAL CODES, ORDINANCES, REGULATIONS, OR STATUTES. THE DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR ANY CONFLICTS BETWEEN THIS PLAN AND ANY OTHER PLANS OR SPECIFICATIONS. THE DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR ANY CONFLICTS BETWEEN THIS PLAN AND ANY LOCAL, STATE, OR FEDERAL CODES, ORDINANCES, REGULATIONS, OR STATUTES.

SHEET NR: **D1**



GENERAL NOTES

- 1. ALL WORK IS TO COMPLY WITH THE LATEST ADOPTED VERSION OF THE ORSC CODE AND ANY APPLICABLE STATE COUNTY OR LOCAL REGULATIONS.
2. THE CONTRACTOR IS RESPONSIBLE TO CHECK THE PLANS AND IS TO NOTIFY THE DESIGNER OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION.
3. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS.
4. DESIGN LOADS: ROOF 25 PSF (LIVE LOAD)
FLOOR 40 PSF (LIVE LOAD)
STAIRS 100 PSF
GARAGE FLOOR 125 PSF (2000# PT)
DECKS 75 PSF
(IF YOUR LOCAL AREA REQUIRES DIFFERENT DESIGN LOADS, CONSULT WITH A LOCAL STRUCTURAL ENGINEER TO DETERMINE THE APPROPRIATE REVISIONS.)
5. PROVIDE INSULATION BARRIERS AT EAVE VENTS BETWEEN RAFTERS.
6. ALL SMOKE DETECTORS SHALL BE POWERED BY 120V CURRENT, CONNECTED TO HOUSE ELECTRICAL SYSTEM, INTERCONNECTED WITH EACH ONE SO THAT IF ANY ONE TRIPS THEY WILL ALL SOUND. THEY SHALL ALSO HAVE A BATTERY BACKUP AND BE LOCATED IN EACH BEDROOM AND ON EACH FLOOR.
7. GUARDRAILS SHALL HAVE INTER-MEDIATE RAILS SPACED SUCH THAT A 3" DIA. CANNOT PASS THROUGH.
8. PROVIDE GROUNDING ELECTRODE AT ELECTRICAL SERVICE CONSISTING OF A MINIMUM 3/8" LENGTH OF 1/2" STEEL REINFORCING BARS. ELECTRODE SHALL EXTEND 12" MIN. ABOVE THE PLATE LINE.
9. THE MAXIMUM AMOUNT OF WATER USED BY NEW TYPING FIXTURES: TOILETS 16 GALLONS/FLUSH
SHOWER HEADS 2.5 GALLONS/MINUTE
INTERIOR FAUCETS 1.5 GALLONS/MINUTE
10. IN THE EVENT OF CONFLICT BETWEEN PERTINENT CODES AND REGULATIONS AND REFERENCED STANDARDS OF THESE SPECIFICATIONS, THE MORE STRINGENT PROVISIONS SHALL GOVERN.
11. STRUCTURAL SPECIFICATIONS AND DRAWINGS FOR THIS WORK HAVE BEEN PREPARED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES TO MEET MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE ORSC.
12. SPECIFICATIONS AND DRAWINGS INDICATE FINISHED STRUCTURE. BUILDER SHALL BE RESPONSIBLE FOR CONSTRUCTION METHODS, PROCEDURES, AND CONDITIONS (INCLUDING SAFETY) EXCEPT AS SPECIFICALLY INDICATED OTHERWISE IN THE CONTRACT DOCUMENTS.
13. CONSTRUCTION LOADS SHALL NOT OVERLOAD STRUCTURE NOR SHALL THEY BE IN EXCESS OF DESIGN LOADS INDICATED ON DRAWINGS.
14. BUILDER SHALL VERIFY ALL MATERIALS, DIMENSIONS, AND CONDITIONS SHOWN ON STRUCTURAL DRAWINGS OR NOTED IN STRUCTURAL SPECIFICATIONS, ANY VARIANCES WITHIN STRUCTURAL DRAWINGS AND SPECIFICATIONS, OR WITHIN CONDITIONS ENCOUNTERED AT JOB SITE, SHALL BE REPORTED TO OWNER IN WRITING BEFORE COMMENCEMENT OF ANY WORK EFFECTED BY SUCH VARIANCE.
15. BUILDER SHALL RIGIDLY ADHERE TO ALL LAWS, CODES, AND ORDINANCES WHICH APPLY TO THIS WORK. HE SHALL NOTIFY AND RECEIVE CLARIFICATION FROM OWNER IN WRITING OF ANY VARIATIONS BETWEEN CONTRACT DOCUMENTS AND GOVERNING REGULATIONS.
16. ALL MANUFACTURED MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC. SHALL BE HANDLED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND PROVISIONS OF APPLICABLE ICBO RESEARCH RECOMMENDATIONS, WHERE SPECIFIC MANUFACTURED PRODUCTS ARE CALLED FOR. GENERIC EQUIVALS WHICH MEET APPLICABLE STANDARDS AND SPECIFICATIONS MAY BE USED.
17. NO VARIANCE BY A BUILDING OFFICIAL SHALL BE BINDING ON DESIGNERS.
18. BUILDER SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILL DEPOSITIONS, OR BURIED STRUCTURES SUCH AS CESS POOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH ITEMS ARE FOUND, OWNER SHALL BE NOTIFIED IMMEDIATELY.

FLOOR PLAN NOTES

- 1. EACH BEDROOM TO HAVE A MINIMUM WINDOW OPENING OF 5.7 SQ FT WITH A MIN WIDTH OF 20" AND A MIN HEIGHT OF 22" AND A SILL LESS THAN 44" OFF THE FLOOR.
2. ALL WINDOWS WITHIN 18" OF THE FLOOR AND WITHIN 24" OF ANY DOOR ARE TO HAVE TEMPERED GLAZING. SEE SECTION R308.4 IN ORSC FOR ADDITIONAL INFO.
3. SKYLITES ARE TO BE GLAZED WITH TEMPERED GLASS ON OUTSIDE AND LAMINATED GLASS ON INSIDE (UNLESS FLEXIGLASS). GLASS TO HAVE MAXIMUM CLEAR SPAN OF 25'. SKYLITE FRAME IS TO BE ATTACHED TO A 2" X CURB WITH MINIMUM OF 4" ABOVE ROOF PLANE.
4. ALL TUB OR SHOWER ENCLOSURES ARE TO BE GLAZED WITH SAFETY GLAZING.
5. ALL EXTERIOR WINDOWS ARE TO BE DOUBLE GLAZED AND ALL EXTERIOR DOORS ARE TO BE SOLID CORE WITH WEATHERSTRIPPING. PROVIDE 1/2" DEADBOLT LOCKS ON ALL EXTERIOR DOORS AND LOCKING DEVICES ON ALL DOORS OR WINDOWS WITHIN 10" (VERTICALLY) OF GRADE. PROVIDE PEEP-HOLE 4" 54" - 66" ABOVE FLOOR ON EXTERIOR DOORS.
6. PROVIDE COMBUSTION AIR VENTS (W/ SCREEN AND BACK DAMPERS) FOR FIREPLACES, WOOD STOVES AND ANY APPLIANCES WITH AN OPEN FLAME.
7. BATHROOMS AND UTILITY ROOMS ARE TO BE VENTED TO THE OUTSIDE WITH A MINIMUM OF 3/4" CPVC RAIN RANGE HOODS ARE ALSO TO BE VENTED TO OUTSIDE.

INSULATION SPECIFICATIONS

- 1. ALL EXPOSED INSULATION IS TO HAVE A FLAME SPREAD RATING OF LESS THAN 25 & A SMOKE DENSITY RATING OF LESS THAN 450.
2. PERIMETER CONC. WALLS TO BE PROTECTED W/ RIGID FIBERBOARD INSULATION FROM TOP OF CONC WALL TO NOT LESS THAN 24" BELOW GRADE.
3. SLAB EDGE INSULATION IS TO BE R-15.
4. HEATING DUCTS TO BE INSULATED R-8.
5. WINDOWS SHALL MEET REQUIRED U FACTORS FOR THE CONTRACTORS CHOSEN PATH OF COMPLIANCE SEE TABLE N101.1(1)
6. ONE EXTERIOR DOOR MAY BE INSULATED TO A U-FACTOR OF 0.22. ALL OTHER EXTERIOR DOORS MAY NOT EXCEED 0.34.

FRAMING NOTES

- NOTE: SEE TABLE 602.3(1) IN ORSC FOR FASTENER SCHEDULE LINK: https://codes.iccsafe.org/public/psb/10/c/chapter/602.3(1)
1. ALL EXTERIOR WALL AND BEARING WALL OPENINGS TO HAVE 4X2 DF HEADERS UNLESS OTHERWISE INDICATED.
2. JOISTS THAT ARE ATTACHED TO FLUSH BEAMS ARE TO BE HUNG WITH 'SIMPSON' LU TYPE OR EQUIV.
3. DOUBLE JOISTS THAT ARE ATTACHED TO FLUSH BEAMS ARE TO BE HUNG WITH 'SIMPSON' LUB TYPE OR EQUIV.
4. PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS OVER.
5. PROVIDE FIREBLOCKING, DRAFTSTOPS & FIRESTOPS AS PER THE ORSC SEC R602.2
6. LUMBER SPECIES: A. POSTS, BEAMS, HEADERS, JOISTS AND RAFTERS NO2 DOUG FIR
B. SILLS, PLATES, BLOCKING BRIDGING, ETC. NO3 DOUG FIR
C. STUDS STUD GRADE DF, UTILITY GRADE DF, E. PLYWOOD SHEATHING 1/2" CDX FLY, 32/16, 19-2400, DRY ADH.
7. NAILING SCHEDULE SEE TABLE 602.3(1)
8. NOTCHES IN SOLID LUMBER JOISTS, RAFTERS, AND BEAMS SHALL NOT EXCEED ONE-SIXTH OF THE DEPTH OF THE MEMBER, SHALL NOT BE LONGER THAN ONE-THIRD OF THE DEPTH OF THE MEMBER AND SHALL NOT BE LOCATED IN THE MIDDLE ONE-THIRD OF THE SPAN. NOTCHES AT THE ENDS OF THE MEMBER SHALL NOT EXCEED ONE-FOURTH THE DEPTH OF THE MEMBER, THE TENSION SIDE OF MEMBERS 4' (102mm) OR GREATER IN NOMINAL THICKNESS SHALL NOT BE NOTCHED EXCEPT AT ENDS OF THE MEMBERS. BEAM NOTCHES SHALL NOT EXCEED ONE-THIRD THE DEPTH OF THE MEMBER, SHALL NOT BE LONGER THAN ONE-THIRD THE DEPTH OF THE MEMBER, SHALL NOT BE CLOSER THAN 2" TO THE TOP OR BOTTOM OF THE MEMBER, OR TO ANY OTHER HORIZONTAL MEMBER WHERE THE MEMBER IS ALSO NOTCHED, THE HOLE SHALL NOT BE CLOSER THAN 2" (51mm) TO THE NOTCH.
9. STUDS IN AN EXTERIOR WALL OR LOAD-BEARING PARTITIONS SHALL BE PERMITTED TO BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25% OF ITS WIDTH. STUDS IN NON-LOAD-BEARING PARTITIONS SHALL BE PERMITTED TO BE NOTCHED TO A DEPTH NOT TO EXCEED 40% OF A SINGLE STUD WIDTH. STUDS SHALL BE PERMITTED TO BE BORED OR DRILLED, PROVIDED THAT THE DIAMETER OF THE RESULTING HOLE IS NO GREATER THAN 40% OF THE STUD WIDTH, THE EDGE OF THE HOLE IS NO CLOSER THAN 5/8" (16mm) TO THE EDGE OF THE STUD, AND THE HOLE IS NOT LOCATED IN THE SAME SECTION AS A CUT OR NOTCH.
10. INSTALL ALL HORIZONTAL MEMBERS WITH CROWN UP.
11. ALL MEMBERS IN BEARING SHALL BE ACCURATELY CUT AND ALIGNED SO THAT FULL BEARING IS PROVIDED WITHOUT USE OF SHIMS. BEARING POSTS SHALL HAVE FULL BLOCKING OR SUPPORT UNDER.
12. ALL JOISTS SHALL HAVE A MINIMUM OF 2" BEARING AT SUPPORTS. LAPPING JOISTS SHALL HAVE 6" LAPS CENTERED OVER INTERIOR SUPPORTS. LEDGERS AND STUD WALL FOUNDATION SILL PLATES SHALL BE BOLTED TO CONCRETE W/ ANCHOR BOLTS OF SIZE AND MINIMUM SPACING AS SHOWN ON DRAWINGS. AT LEAST TWO BOLTS SHALL BE PROVIDED FOR EACH PIECE W/ ONE BOLT WITHIN 12" OF EACH END.
13. ALL PLYWOOD WALL SHEATHING SHALL BE APPLIED AS FOLLOWS: CENTER VERTICAL JOINTS OVER STUDS AND CENTER HORIZONTAL JOINT OVER 2" BLOCKING OR PLATE. NAIL TOP OF PANELS TO DOUBLE TOP PLATE, AND NAIL BOTTOM OF PANELS TO ANCHORED SILL PLATE. APPLY GYPSUM BOARD SO THAT END JOINTS OF ADJACENT COURSE DO NOT OCCUR AT THE SAME STUD.

FOUNDATION NOTES

- 1. FOOTINGS ARE TO BEAR ON UNDISTURBED LEVEL SOIL DEVOID OF ANY ORGANIC MATERIAL AND STEPPED AS REQUIRED TO MAINTAIN THE REQUIRED DEPTH BELOW THE FINAL GRADE.
2. SOIL BEARING PRESURE ASSUMED TO BE 1500 PSF.
3. ANY FILL UNDER GRADE SUPPORTED SLABS TO BE A MINIMUM OF 4" GRANULAR MATERIAL COMPACTED TO 95%.
4. CONCRETE TO DEVELOP A MIN. OF 3000 PSI AT 28 DAYS WITH A MIN. OF 6 BAGS OF CEMENT PER YARD AND A MAXIMUM SLOPE OF 4".
5. CONCRETE SLABS TO HAVE CONTROL JOINTS AT 25' (MAXIMUM) INTERVALS EA WAY. CONCRETE SIDEWALKS TO HAVE 3/4" TOOLED JOINTS AT 5' OC. (MINIMUM)
6. REINFORCING STEEL TO BE A-615 GRADE 40. WELDED WIRE MESH TO BE A195.
7. EXCAVATE THE SITE TO PROVIDE A MINIMUM OF 18" CLEARANCE UNDER ALL GRIDERS. COVER ENTIRE EXCAVATED SPACE WITH 1/4" MIL BLACK VIBRIBLY AND EXTEND UP FDN WALLS TO P.T. MUDSILL.
8. PROVIDE A MINIMUM OF 150 FT. OF VENTILATION AREA FOR EACH 150 SQ FT OF CRAWLSPACE AREA. VENTS ARE TO BE CLOSABLE WITH 1/4" OPENINGS IN CORROSIVE RESISTANT SCREEN.
9. ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESURE TREATED OR PROTECTED WITH SODIUM BORATE.
10. BEAM POCKETS IN CONCRETE TO HAVE 1/2" AIRSPACE AT SIDES AND ENDS WITH A MINIMUM BEARING OF 3".
11. PROVIDE CRAWLSPACE DRAIN AS PER SEC. R409.3 OF ORSC.
12. THE GRADE AWAY FROM FDN WALLS SHALL FALL 6" MIN. WITHIN FIRST 10'.
13. SLOPE FOR PERMANENT FILLS AND CUT SLOPES SHALL NOT EXCEED 2 UNITS HORIZ. TO 1 UNIT VERT.
14. BACKFILL SHALL NOT BE PLACED UNTIL WALL HAS SUFFICIENT STRENGTH AND HAS BEEN ANCHORED TO FLOOR ABOVE ON WALLS W/ MORE THAN 4 UNBALANCED BACKFILL.
15. BUILDER SHALL BE RESPONSIBLE FOR SUPPORT OF ALL TEMPORARY EXCAVATIONS AND EXCAVATIONS.
16. FOOTINGS SHALL BE FOUND ON FIRM, UNDISTURBED, NATIVE, FREE DRAINING SOILS. CONDITIONS FOUND TO BE OTHERWISE SHALL BE REPORTED TO OWNER.
17. ALL GROUND OVER WHICH FOOTINGS AND SLABS-ON-GRADE ARE TO BE PLACED SHALL BE FREE OF EXPANSIVE OR COMPRESSIBLE DEBRIS AND ORGANIC MATERIAL.
18. FOOTINGS AND SLABS-ON-GRADE CONCRETE SHALL NOT BE PLACED ON MUDDY OR FROZEN GROUND. SUB-GRADE FOR SLABS-ON-GRADE WHERE VAPOR BARRIER IS NOT REQUIRED SHALL BE DAMP AT TIME OF CONCRETE PLACEMENT.

ELECTRICAL REQUIREMENTS

- LIGHTING REQUIREMENTS: AT LEAST ONE WALL SWITCH-CONTROLLED LIGHTING OUTLET SHALL BE INSTALLED IN EVERY HABITABLE ROOM AND IN BATHROOMS, HALLWAYS, STAIRWAYS, ATTACHED GARAGES, DETACHED GARAGES PROVIDED WITH ELECTRICAL POWER AND AT THE EXTERIOR SIDE OF EGRESS DOORS.
STAIRWAY LIGHTING CONTROL: ALL INTERIOR AND EXTERIOR STAIRWAYS SHALL BE PROVIDED WITH A MEANS OF ILLUMINATION TO THE STAIR INCLUDING THE LANDINGS AND TREADS TO BE CONTROLLED BY A WALL SWITCH AT EACH FLOOR LEVEL. INTERIOR STAIRS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF EACH LANDING AT THE TOP AND BOTTOM OF THE STAIR. EXTERIOR STAIRS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF THE TOP LANDING OF THE STAIR EXCEPT WHERE THE DIFFERENCE BETWEEN FLOOR LEVELS REQUIRES LESS THAN 6 STAIR RISERS.
FIXTURES IN CLOSETS, CLOSETES: SURFACE MOUNTED FLUORESCENT FIXTURES SHALL BE INSTALLED ON THE WALL ABOVE THE DOOR OR ON THE CEILING, PROVIDED THERE IS A MINIMUM CLEARANCE OF 6" BETWEEN THE FIXTURE AND THE NEAREST POINT OF A STORAGE SPACE.
WET OR DAMP LOCATIONS: FIXTURES INSTALLED IN WET OR DAMP LOCATIONS SHALL BE INSTALLED SO THAT WATER CANNOT ENTER OR ACCUMULATE IN WIRING COMPARTMENTS, LAMP HOLDERS OR OTHER ELECTRICAL PARTS. ALL FIXTURES INSTALLED IN WET LOCATIONS SHALL BE MARKED 'SUITABLE FOR WET LOCATIONS'. ALL FIXTURES INSTALLED IN DAMP LOCATIONS SHALL BE MARKED 'SUITABLE FOR WET LOCATIONS' OR 'SUITABLE FOR DAMP LOCATIONS'.
LIGHT SWITCH ACCESS: ALL SWITCHES SHALL BE LOCATED TO ALLOW OPERATION FROM A READILY ACCESSIBLE LOCATION.
RECEPTACLE OUTLET REQUIREMENTS: IN EVERY KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, DEN, BEDROOM, OR SIMILAR ROOM OR AREA OF DWELLING UNITS, RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FEET, MEASURED HORIZONTALLY FROM AN OUTLET IN THAT SPACE, INCLUDING ANY WALL SPACE THAT IS 2 FEET OR MORE IN WIDTH.
KITCHENS: RECEPTACLE OUTLETS WITH GFI PROTECTION SHALL BE INSTALLED EVERY 24" ON ALL COUNTER SPACES THAT MEASURE 12" OR WIDER.
BATHROOMS: AT LEAST ONE WALL RECEPTACLE OUTLET WITH GFI PROTECTION SHALL BE INSTALLED IN BATHROOMS ADJACENT TO EACH BATH LOCATION.
OUTDOORS: AT LEAST ONE RECEPTACLE OUTLET WITH GFI PROTECTION SHALL BE INSTALLED OUTDOORS AT THE FRONT AND BACK OF EACH DWELLING UNIT HAVING DIRECT ACCESS TO GRADE.
HALLWAYS: HALLWAYS OF 10 FEET OR MORE IN LENGTH SHALL HAVE AT LEAST ONE RECEPTACLE OUTLET.
HVAC OUTLET: A CONVENIENCE RECEPTACLE OUTLET SHALL BE INSTALLED FOR THE SERVICING OF HEATING, AIR-CONDITIONING AND REFRIGERATION EQUIPMENT LOCATED IN ATTICS AND CRAWL SPACES.
WET LOCATIONS: A RECEPTACLE INSTALLED IN A WET LOCATION SHALL BE IN A WEATHER PROOF ENCLOSURE, THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN THE ATTACHMENT PLUG CAP IS INSERTED.
\*ADDITIONAL INFORMATION CAN BE FOUND IN THE OREGON RESIDENTIAL SPECIALTY CODE BOOK IN SECTIONS: E31-404 SWITCHES E31-406 RECEPTACLE OUTLETS E31-410 LIGHTING OUTLETS

ABRIDGED TABLE N101.1(1)

Table with columns: BUILDING COMPONENTS, REQUIRED VALUE. Includes rows for Wall Insulation Above Grade, Flat Ceiling, Vaulted Ceilings, Underfloor Insulation, Slab Floor Edge Insulation, Heated Slab Floor Interiors, Window Glass, Skylight Glass, Exterior Doors, Ext. Doors W/ 25 Sq. Ft. Glazing, Forced Air Duct Insulation.

ADDITIONAL NOTES

- a. As allowed in Section N101.4, thermal performance of a component may be adjusted provided that overall heat loss does not exceed the total resulting from conformance to the required U-value standards. Calculations to document equivalent heat loss shall be performed using the procedure and approved U-values contained in Table N101.1(1).
b. R-values used in this table are nominal, for the insulation only in standard wood framed construction and not for the entire assembly.
c. Wall insulation requirements apply to all exterior wood framed, concrete or masonry walls that are above grade. This includes cripple walls and rim joist areas. Nominal compliance with R-21 insulation and intermediate framing (N104.5.2) with insulated headers.
d. Below-grade wood, concrete or masonry walls include all walls that are below grade and do not include those portions of such walls that extend more than 24 inches above grade, R-21 for insulation in framed cavity.
e. Insulation levels for ceilings that have limited attic/rafter depth such as dormers, bay windows or similar features totaling not more than 150 square feet in area may be reduced to not less than R-21, when reduced, the cavity shall be filled (except for required vent spaces).
f. The maximum vaulted ceiling surface area shall not be greater than 50% of the total heated space floor area unless area has a U-factor no greater than U-0.231. The factor of 0.231 is representative of a vaulted scissor truss. A 10 inch deep rafter vaulted ceiling with R-30 insulation is U-0.293 and complies with this requirement, not to exceed 50% of the total heated space floor area.
g. Sliding glass doors shall comply with window performance requirements.
h. Reduced area may not be used as a trade off criterion for thermal performance of any component.
i. A maximum of 28 square feet of exterior door area per dwelling unit can have a U-factor of .34 or less.
j. Glazing that is either double pane with low-e coating on one surface, or triple pane shall be deemed to comply with this U-30 requirement.

TABLE N1101.1(2) ADDITIONAL MEASURES

Table with columns: Measure, Description. Includes measures for High efficiency walls, Upgraded features, Super Insulated Windows and Attic OR Framed Floors, Air sealing home and ducts, High efficiency thermal envelope UA9, High efficiency HVAC system9, Ducted HVAC systems within conditioned space, Ductless heat pump, High efficiency water heater9.

SECTION N1107 LIGHTING

ALL PERMANENTLY INSTALLED INTERIOR AND EXTERIOR LIGHTING FIXTURES SHALL CONTAIN HIGH-EFFICACY LAMPS. SCREW-IN COMPACT FLUORESCENT AND LED LAMPS COMPLY WITH THIS REQUIREMENT, EXCEPT 2' INTERIOR AND 2' EXTERIOR PERMANENT FIXTURES ARE NOT REQUIRED TO HAVE HIGH EFFICIENCY LAMPS. THE BUILDING OFFICIAL SHALL BE NOTIFIED IN WRITING AT THE FINAL INSPECTION THAT THE PERMANENTLY INSTALLED FIXTURES HAVE MET THIS REQUIREMENT.

APPENDIX RADON CONTROL METHODS

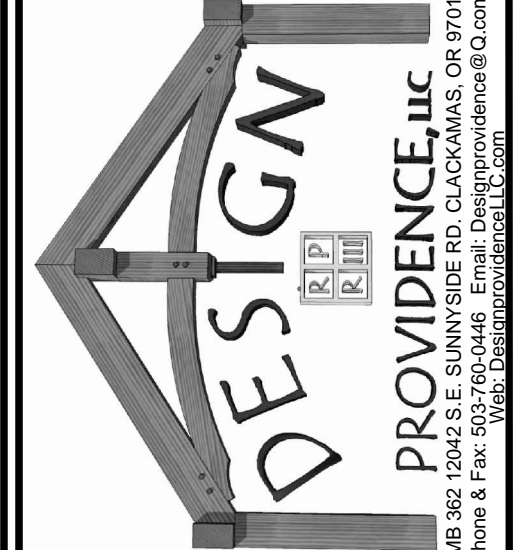
- AF102.2 Subfloor preparation. A layer of gas-permeable material shall be placed under all concrete slabs and other floor systems that directly contact the ground and are within the walls of the living spaces of the building.
AF102.3.2 (ACTIVE METHOD) Crawl space ventilation and building tightness. As an alternate method to Passive method. Require non-closable fan vents, and whole house ventilation system (air exchanger) (see code section AF102.3.2 for specifications).
AF102.3.6 Passive sub-slab depressurization system.
AF102.3.6.1 Vent pipe. A minimum 3-inch-diameter (76 mm) ABS, PVC or equivalent gas-tight pipe shall be extended vertically into the sub-slab aggregate (see code section for further details).
AF102.3.6.2 AF102.3.10 see code section for these requirements.
AF102.3.1 Building depressurization. Joints in air ducts and plenums in unconditioned spaces shall meet the requirements of Section M1601. Thermal envelopes air infiltration requirements shall comply with the energy conservation provisions in Chapter 11. Firestopping shall meet the requirements contained in Section R602.8.
AF102.3.11 (PASSIVE METHOD) Ventilation. Crawl spaces shall be provided with vents to the exterior of the building. The minimum net area of ventilation openings shall comply with Section R409.1 of the code.
AF102.3.12 Soil-gas-retarder. The soil in crawl spaces shall be covered with a continuous layer of minimum 6-mil (0.25 mm) polyethylene soil-gas-retarder as per code section (min 12" lap).
AF102.3.13 Vent pipe. A plumbing tee or other approved connection shall be inserted horizontally beneath the sheathing and connected to a 2" or 4-inch-diameter (76 mm or 102 mm) fitting with a vertical vent pipe installed through the sheathing as per code section to min 12" above roof surface.

PLUMB NO: 11514 B DATE: 10-5-18 SCALE: 1/4" = 1'-0"

THE FAIRVIEW B STJOIS REVISION

TYPICAL NOTES

CLIENT NAME: LOCATION: SHEET TITLE: SQUARE FEET:



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SHEET NR: N