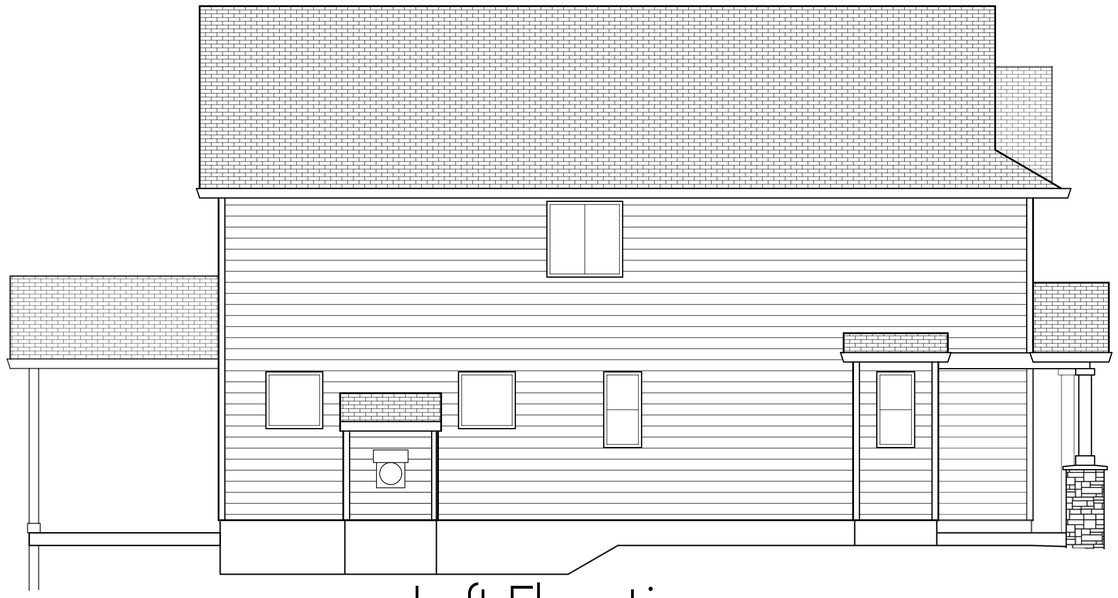
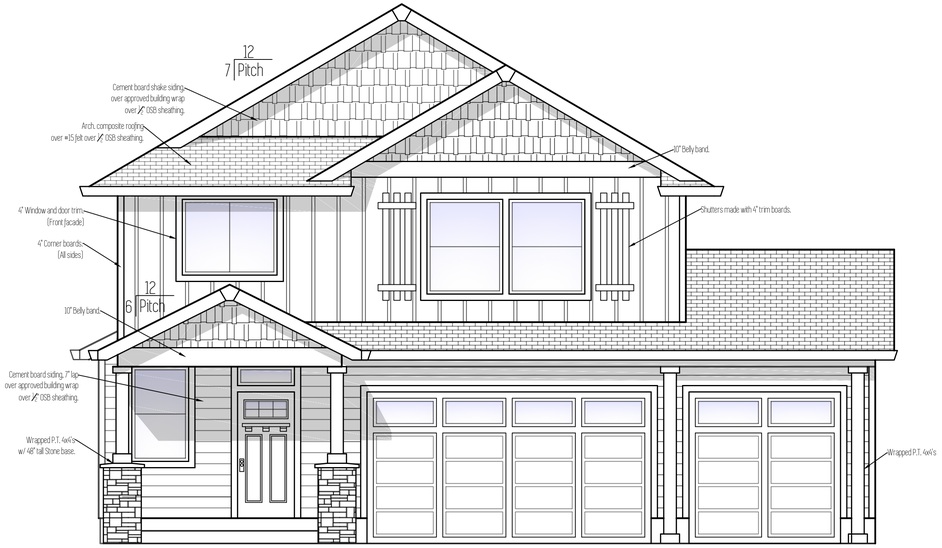
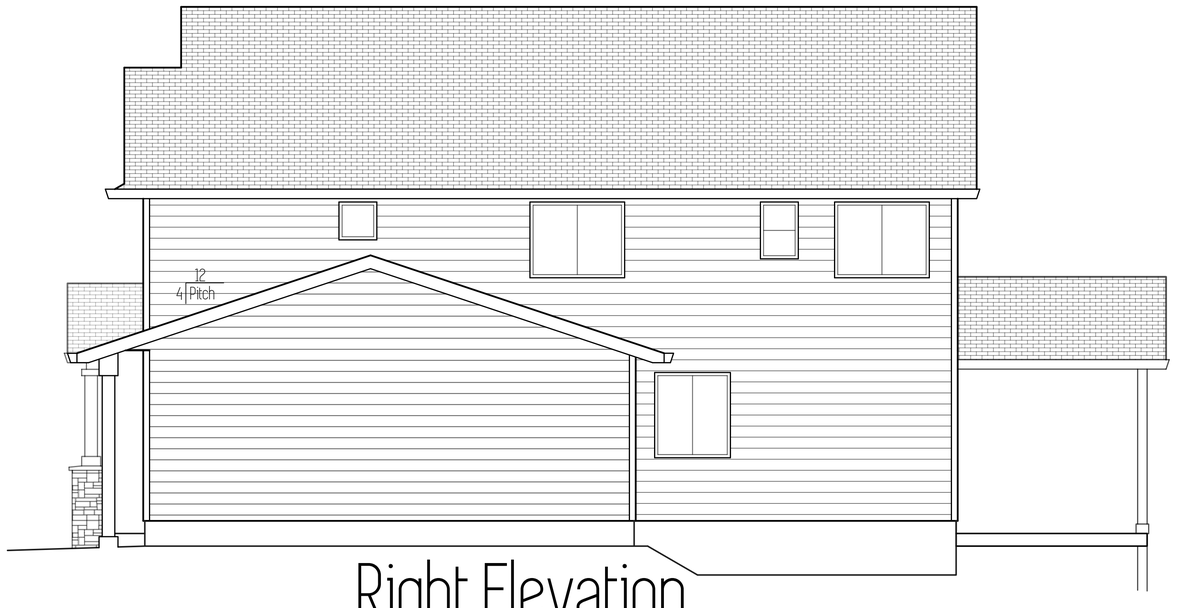


Left Elevation



Front Elevation

Back Elevation



Right Elevation

Plan Name
Washington
Date
12/14/2017
Location
Zion Meadows Lot 14 Sandy, OR 97055

Elevations

Total Sq Ft = 2,090

Scale : 1/4" = 1'

This plan is property of :

CEDARRIDGE HOMES

(P) 503-666-4240
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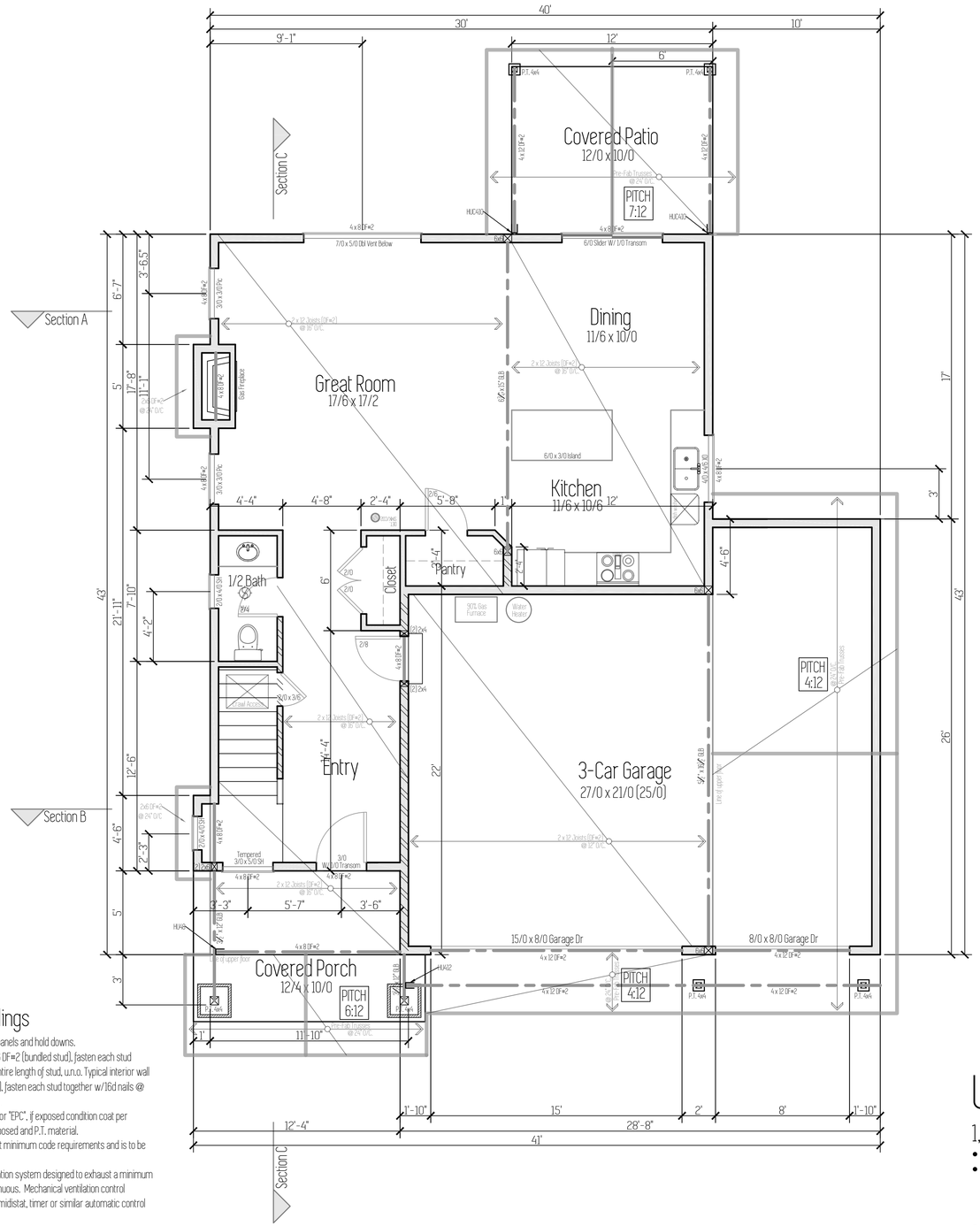
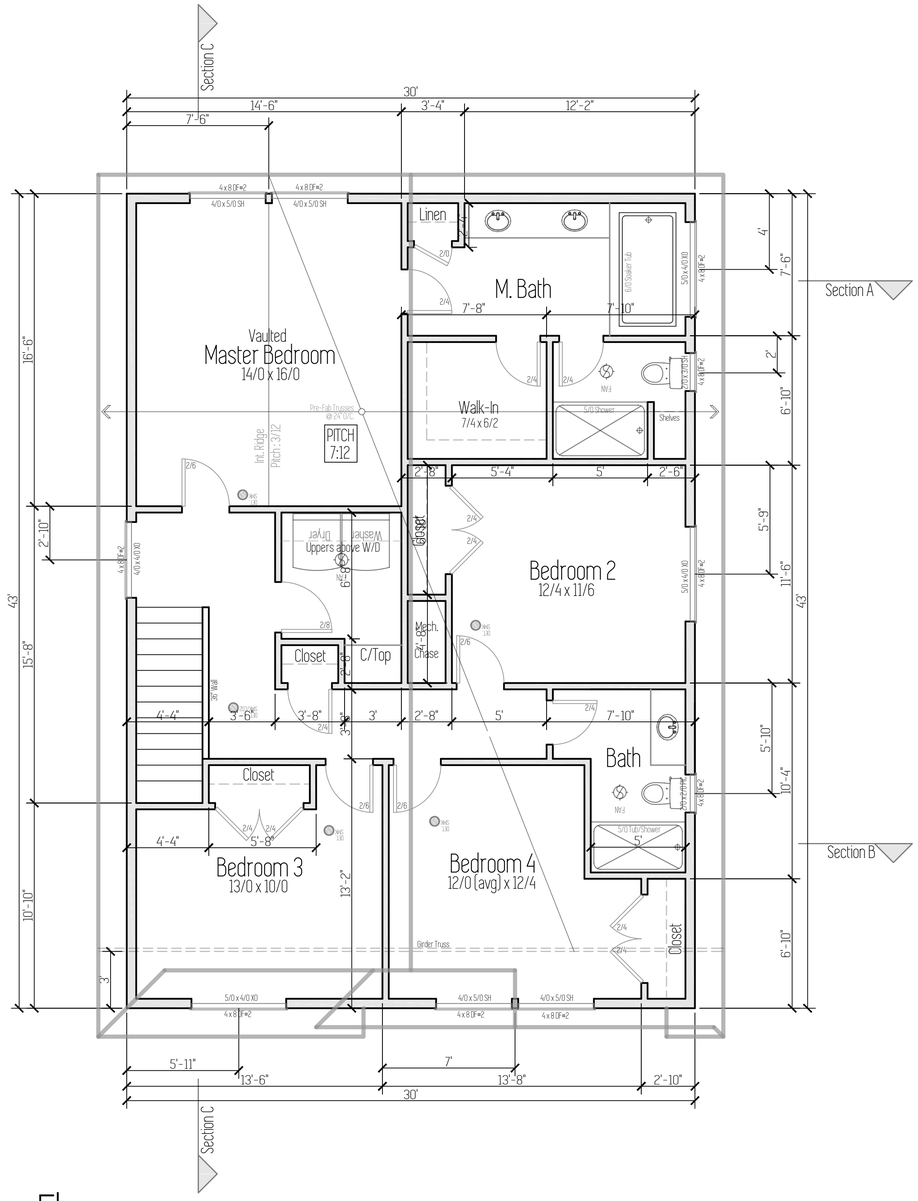
www.cedarridgehomes.us

Designed by :

TYSON GREY
tyson@cedarridgehomes.us





Main Floor

845 Sq ft 9' 1⅛" Ceilings

- Refer to sheet S1 for details on shear panels and hold downs.
- Typical exterior wall post to be (2)-2x6 DF#2 (bundled stud), fasten each stud together w/16d nails @ 12" o/c, typ. entire length of stud, u.n.o. Typical interior wall post to be (2)-2x4 DF#2 (bundled stud), fasten each stud together w/16d nails @ 12" o/c, typ. entire length of stud, u.n.o.
- Exterior post caps to be Simpson "PC" or "EPC", if exposed condition coat per manufacture's specs with exterior exposed and P.T. material.
- All electrical to meet or exceed current minimum code requirements and is to be determined by owner.
- All fans shall have a mechanical ventilation system designed to exhaust a minimum of 80 cfm intermittent or 20 cfm continuous. Mechanical ventilation control systems shall be connected to a dehumidistat, timer or similar automatic control

Interior Bearing Wall

Upper Floor

1,245 Sq ft 8' 1⅛" Ceilings

- Refer to sheet S1 for details on shear panels and strapping.
- Typical exterior wall post to be (2)-2x6 DF#2 (bundled stud), fasten each stud together w/16d nails @ 12" o/c, typ. entire length of stud, u.n.o. Typical interior wall post to be (2)-2x4 DF#2 (bundled stud), fasten each stud together w/16d nails @ 12" o/c, typ. entire length of stud, u.n.o.
- Exterior post caps to be Simpson "PC" or "EPC", if exposed condition coat per manufacture's specs with exterior exposed and P.T. material.
- All electrical to meet or exceed current minimum code requirements and is to be determined by owner.
- All fans shall have a mechanical ventilation system designed to exhaust a minimum of 80 cfm intermittent or 20 cfm continuous. Mechanical ventilation control systems shall be connected to a dehumidistat, timer or similar automatic control

Plan Name
Washington
Date
12/14/2017
Location
Zion Meadows
Lot 14
Sandy, OR 97055

Floor Plan

Total Sq Ft = 2,090

Scale : 1/4" = 1'

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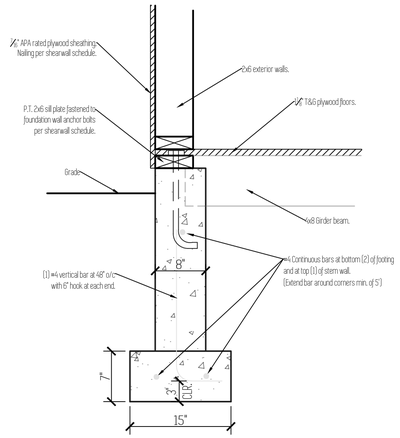


Typ. Foundation Wall

Scale: 1"=1'

Note:

1. Footing to be place on undisturbed, native soil.

Foundation Notes

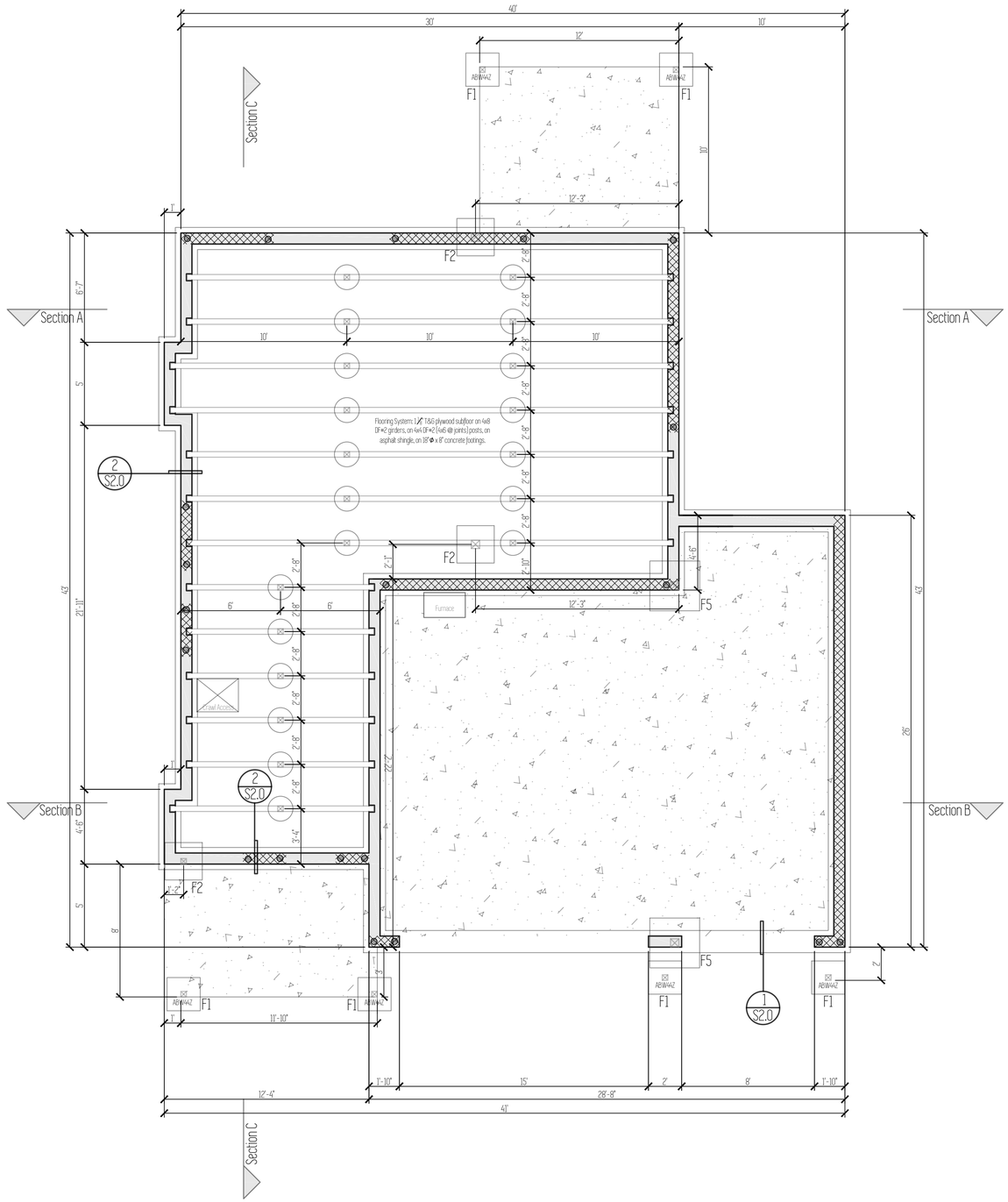
- Footings are to be on undisturbed soil with an assumed 1500 PSF
- All slabs to be supported with a min. of 4" of compacted crushed rock fill.
- Beam pockets in concrete walls to have a min. ½" air space on sides, and min. 3" of bearing for all beams and girders.
- Cover entire crawl space with 6 mil black visqueen vapor barrier.
- Excavate a min. of 18" below bottom of all beams.
- Install 15" x 7" closable FND vents in FND walls. Min 1 sq.ft vented area for every 150 sq.ft of crawl space.
- Refer to Shear Wall Schedule and Hold-Down Schedule for sill bolt spacing and hold-down size and location (PAGE S1).

=18" dia. x 8" Conc. Footing

=Shear panel (Refer to "S1")

=Hold Down (Refer to "S1" for size)

Footing Schedule		Reinforcing Bars
F1	2'-0" x 2'-0"x8"	(2)#4 bars each way
F2	2'-3" x 2'-3"x8"	(2)#4 bars each way
F3	2'-6" x 2'-6"x8"	(3)#4 bars each way
F4	2'-9" x 2'-9"x8"	(3)#4 bars each way
F5	3'-0" x 3'-0"x8"	(3)#4 bars each way



Plan Name
Washington
Date
12/14/2017
Location
Zion Meadows Lot 14 Sandy, OR 97055

Foundation Plan

Total Sq Ft = 2,090

Scale : 1/4" = 1'

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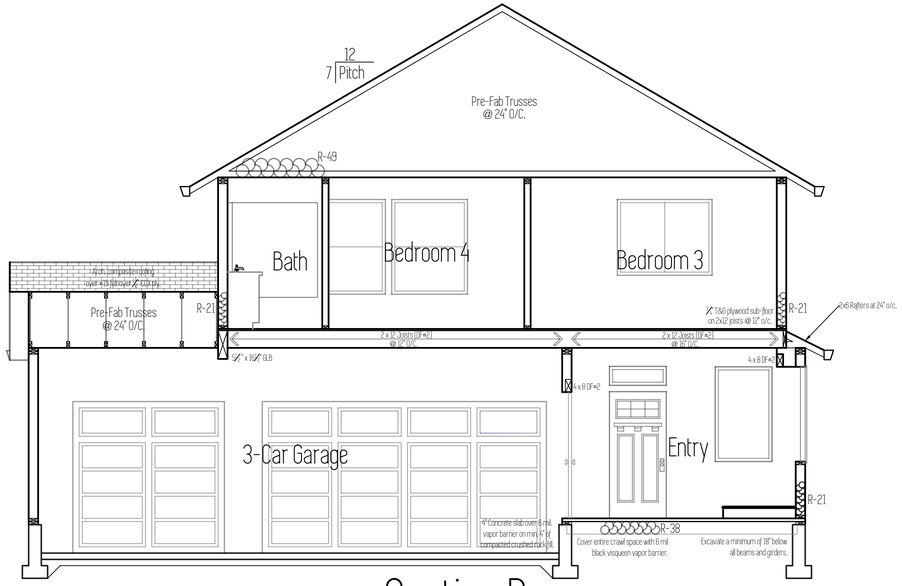
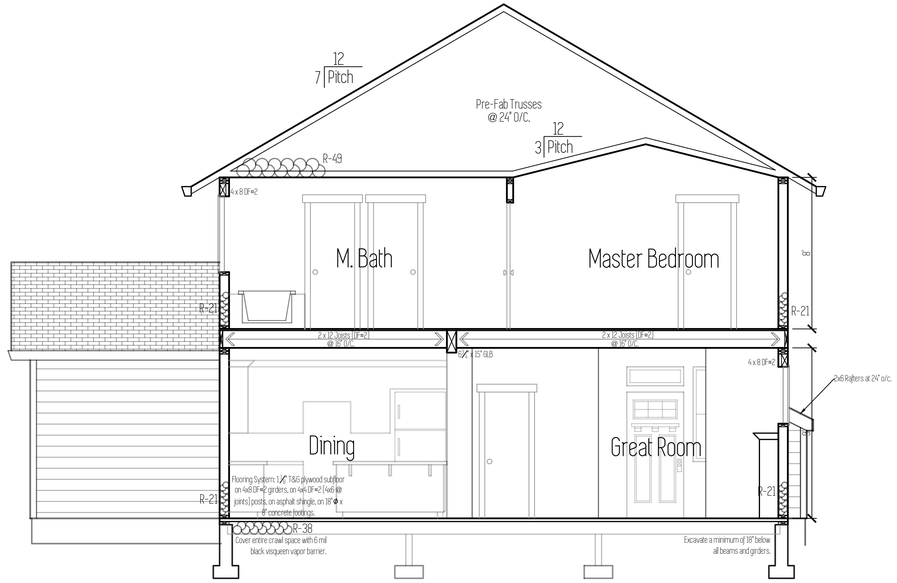
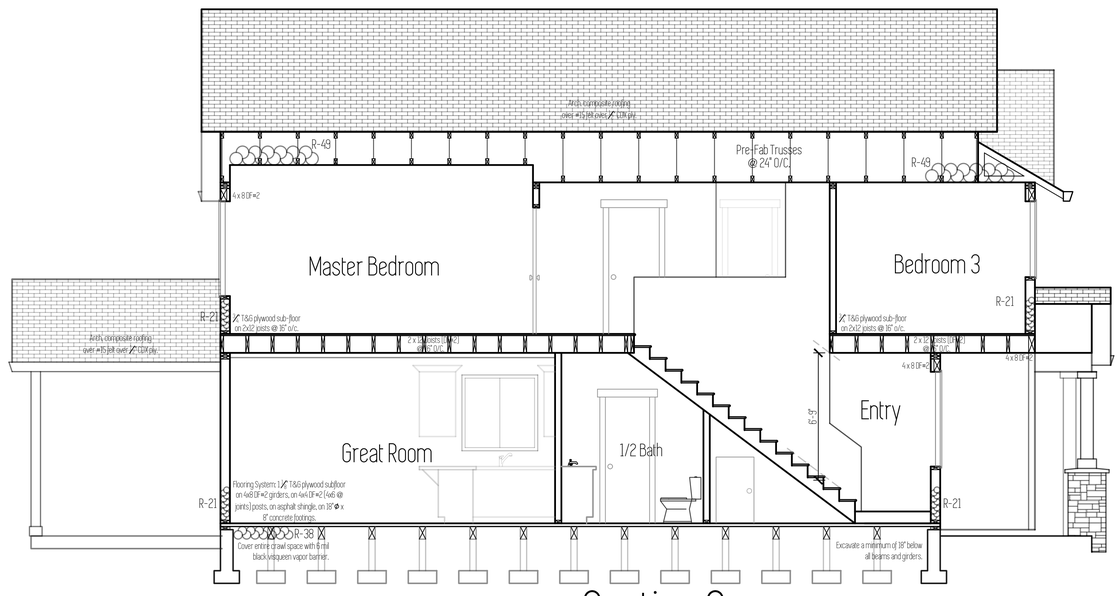


Section B



Section A



Section C

Plan Name
Washington
Date
12/14/2017
Location
Zion Meadows Lot 14 Sandy, OR 97055

Framing Plan

Total Sq Ft = 2,090

Scale: 1/4" = 1'

This plan is property of :

CEDARRIDGE HOMES

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Designed by :

TYSON GREY
tyson@cedarridgehomes.us

SUMMARY OF WORK:

LOCATION: ZM14
STRUCTURAL ANALYSIS AND DESIGN FOR SINGLE FAMILY RESIDENCE

DESIGN LOADS:

CODE: 2014 OSSC
USE OR OCCUPANCY OF BUILDINGS AND STRUCTURES RISK CATEGORY (ASCE TABLE 1.5-1): II
WIND SPEED Vult: 120 MPH EXPOSURE 'B', Vasd = 93 MPH (OSSC EQUATION 16-33)
SEISMIC DESIGN CATEGORY: 'D'
GROUND SNOW LOAD: 25 PSF (ROOF SNOW LOAD: 25 PSF)
ROOF DEAD LOAD: 15 PSF
FLOOR LIVE LOAD: 40 PSF
FLOOR DEAD LOAD: 10 PSF
SOIL BEARING PRESSURE: 1500 PSF
SOIL PASSIVE SOIL PRESSURE: 200 PSF

FRAMING REQUIREMENTS:

1. WALL STUDS TO BE 2X6 DFL-#2 @ 16" O.C., TYPICAL U.N.O.
2. ROOF SHEATHING TO BE 15/32" APA RATED CDX SHEATHING OR OSB. INSTALL PANELS HORIZONTALLY. SPACE 8d NAILS MAXIMUM 6" O.C. ALONG PANEL EDGES. FOR OTHER CONDITIONS, SPACE 8d NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.
3. TYPICAL WALL SHEATHING (TSN) TO BE 15/32" APA RATED CDX SHEATHING OR OSB. ALL PANEL EDGES TO BE BACKED WITH 2-INCH NOMINAL OR WIDER FRAMING. INSTALL PANELS HORIZONTALLY OR VERTICALLY. SPACE 8d NAILS MAXIMUM 6" O.C. ALONG PANEL EDGES. FOR OTHER CONDITIONS AND PANEL THICKNESSES, SPACE 8d NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.
4. FLOOR SHEATHING TO BE 3/4" APA RATED CDX SHEATHING OR OSB. SPACE 8d NAILS MAXIMUM 6" O.C. ALONG PANEL EDGES. FOR OTHER CONDITIONS, SPACE 8d NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.
5. SILL PLATE TO BE 2X P.T. U.N.O. (REFER TO SILL BOLT SPACING IN SCHEDULE BELOW).
6. FOR NAIL SIZES REFER TO BELOW.

SHEAR WALL SCHEDULE: (1) (2) (4)

SDPWS TABLE 4.3A

PANEL NOTATION	SHEATHING THICKNESS (IN.)	NAILS/ SPACING	DBL. STUD CONN. (FACE NAIL)	SILL BOLT (7) SPACING	SHEAR CAPACITY (SEISMIC)	SHEAR CAPACITY (WIND)
D6	15/32" (8)	8d @ 6" O/C	16d @ 9" O/C	½" Ø @ 36" O/C	260 PLF	365 PLF
D4 (3)	15/32" (8)	8d @ 4" O/C	16d @ 6" O/C	½" Ø @ 24" O/C	380 PLF	532 PLF
D3 (3)	15/32" (8)	8d @ 3" O/C	16d @ 4" O/C	½" Ø @ 18" O/C	490 PLF	685 PLF
D2 (3)	15/32" (8)	8d @ 2" O/C	16d @ 3" O/C	½" Ø @ 16" O/C	640 PLF	895 PLF
E2 (6)	15/32" (8)	10d @ 2" O/C	N/A	½" Ø @ 14" O/C (6)	770 PLF	1077 PLF
D3X2 (6)(7)	15/32" EACH FACE	8d @ 3" O/C (2) ROWS	N/A	½" Ø @ 12" O/C	980 PLF	1370 PLF
D2X2 (6)(7)	15/32" EACH FACE	8d @ 2" O/C (2) ROWS	N/A	½" Ø @ 9" O/C	1280 PLF	1790 PLF

NOTES:

NAIL	6d	8d	10d	16d
Ø	.113"	.131"	.148"	.162"
LENGTH	2"	2½"	3"	3½"

(9) COMMON OR GALVANIZED BOX

(1) SHEATHING TO BE APA RATED SHEATHING OR OSB (GRADE C-C OR C-D STRUCTURAL II OR BETTER).
(2) ALL PANEL EDGES TO BE BACKED WITH 2-INCH NOMINAL OR WIDER FRAMING (DFL-#2). INSTALL PANELS EITHER HORIZONTALLY OR VERTICALLY. SPACE NAILS MAXIMUM 6" O.C. ALONG PANEL EDGES FOR STUDS SPACED 24" O.C. FOR OTHER CONDITIONS AND PANEL THICKNESSES, SPACE NAILS MAXIMUM 12" O.C. ON INTERMEDIATE SUPPORTS.
(3) FRAMING AT ADJOINING PANEL EDGES SHALL BE A SINGLE 3" NOMINAL MEMBER OR (2) 2-INCH NOMINAL MEMBER FASTENED TOGETHER WITH 16d NAILS (SPACING ABOVE) TYPICAL ENTIRE HEIGHT OF DBL. STUD. NAILS SHALL BE STAGGERED WHERE NAILS ARE SPACED 2" O.C.
(4) AT SHEAR WALL LOCATIONS, REFER RW/S1 AND FF/S1 FOR ROOF TO WALL AND FLOOR TO FLOOR FRAMING.
(5) INSTALL 3" SQUARE X ⅝" STEEL PLATE WASHER.
(6) FRAMING AT ADJOINING PANEL EDGES SHALL BE SINGLE 3X NOMINAL FRAMING MEMBERS AT EACH END OF THE PANEL. NAILS SHALL BE STAGGERED WHERE NAILS ARE SPACED 2" O.C. INSTALL MIN. 3X P.T. SILL PLATE, U.N.O.
(7) PLYWOOD TO BE INSTALLED ON BOTH SIDES OF PANEL.
(8) IF 3/4" NOMINAL THICK PLYWOOD OR OSB IS USED, STUDS TO BE SPACED AT 1'-4" O/C, TYPICAL.
(9) GALVANIZED NAILS SHALL BE HOT-DIPPED OR TUMBLED.

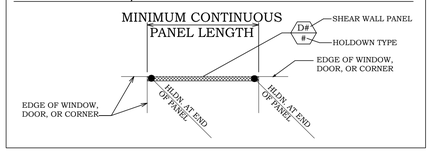
HOLD-DOWN SCHEDULE: (2) (3) (4)

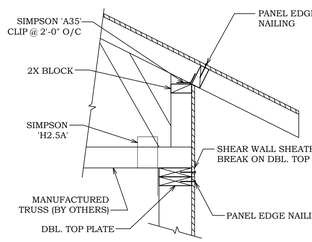
HOLDOWN NOTATION	'SIMPSON' HOLDOWN TYPE	INSTALLATION INSTRUCTIONS
2	HDU2 (3075#)	STD. 'SB ⅝ X 24' MIN. 18" EMBEDMENT (in) CONCRETE. ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF (2)2X6 DFL-#2 WALL STUDS (MIN. 2½" EDGE DISTANCE). FASTEN STUDS TOGETHER WITH 16d NAILS @ 6" O/C ENTIRE HEIGHT OF STUD. INSTALL HOLDOWN PER MANUFACTURER'S SPECIFICATIONS.
4	HDU4 (4565#)	STD. 'SB ⅝ X 24' MIN. 18" EMBEDMENT (in) CONCRETE. ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF (2)2X6 DFL-#2 WALL STUDS (MIN. 2½" EDGE DISTANCE). FASTEN STUDS TOGETHER WITH 16d NAILS @ 6" O/C ENTIRE HEIGHT OF STUD. INSTALL HOLDOWN PER MANUFACTURER'S SPECIFICATIONS.
5	HDU5 (5645#)	STD. 'SB ⅝ X 24' MIN. 18" EMBEDMENT (in) CONCRETE. ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF (2)2X6 DFL-#2 WALL STUDS (MIN. 2½" EDGE DISTANCE). FASTEN STUDS TOGETHER WITH 16d NAILS @ 6" O/C ENTIRE HEIGHT OF STUD. INSTALL HOLDOWN PER MANUFACTURER'S SPECIFICATIONS.
8	HDU8 (5980#,6970#, 7870#)	STD. 'SB ⅞ X 24' MIN. 18" EMBEDMENT (in) CONCRETE. ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF (3)2X6 DFL-#2 WALL STUDS (MIN. 2½" EDGE DISTANCE). FASTEN STUDS TOGETHER WITH 16d NAILS @ 6" O/C ENTIRE HEIGHT OF STUD. INSTALL HOLDOWN PER MANUFACTURER'S SPECIFICATIONS.
11	HDU11 (9535#)	STD. 1"Ø ANCHOR BOLT OR ALTERNATIVE TO BE EMBEDDED INTO CONCRETE FOOTING (MIN. 12"). ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF 6X6 DFL-#2 (MIN. 2½" EDGE DISTANCE). INSTALL HOLDOWN PER MANUFACTURE'S SPECIFICATIONS.
14	HDU14 (14445#)	STD. 1"Ø ANCHOR BOLT OR ALTERNATIVE TO BE EMBEDDED INTO CONCRETE FOOTING (PER 2/S2). ANCHOR TO BE INSTALLED PLUMB AND LOCATED ALONG CENTER LINE OF 6X6 DFL-#2 (MIN. 2½" EDGE DISTANCE). INSTALL HOLDOWN PER MANUFACTURE'S SPECIFICATIONS.
28	MSTC28	INSTALL STRAP ACROSS FLOOR LINE, INSTALL MIN. (8) 16d NAILS INTO DOUBLE WALL STUDS ABOVE FLOOR AND INTO DOUBLE WALL STUDS BELOW. CENTER STRAP ON STUDS TO INSTALL NAILS INTO MIDDLE THIRD OF STUD.
40	MSTC40	INSTALL STRAP ACROSS FLOOR LINE, INSTALL MIN. (16) 16d NAILS INTO DOUBLE WALL STUDS ABOVE FLOOR AND INTO DOUBLE WALL STUDS BELOW. CENTER STRAP ON STUDS TO INSTALL NAILS INTO MIDDLE THIRD OF STUD.
52	MSTC52	INSTALL STRAP ACROSS FLOOR LINE, INSTALL MIN. (24) 16d NAILS INTO DOUBLE WALL STUDS ABOVE FLOOR AND INTO DOUBLE WALL STUDS BELOW. CENTER STRAP ON STUDS TO INSTALL NAILS INTO MIDDLE THIRD OF STUD.
66	MSTC66	INSTALL STRAP ACROSS FLOOR LINE, INSTALL MIN. (34) 16d NAILS INTO DOUBLE WALL STUDS ABOVE FLOOR AND INTO DOUBLE WALL STUDS BELOW. CENTER STRAP ON STUDS TO INSTALL NAILS INTO MIDDLE THIRD OF STUD.

NOTES:

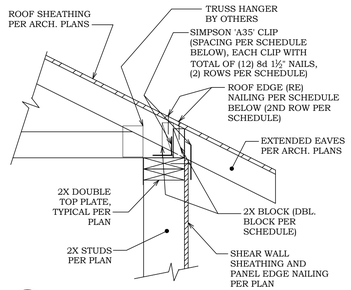
(1) IN LIEU OF SIMPSON 'SSTB' BOLTS ANCHOR BOLTS TO BE A307 OR 'A36' THREADED ROD WITH STD. NUT AND 2" X 2" X 5/16" STEEL PLATE WASHER ON BOTTOM OF BOLT.
(2) HOLDOWNS TO BE FASTENED TO DOUBLE STUDS (CONTINUOUS FROM SILL PLATE TO DOUBLE TOP PLATE) AT PANEL ENDS. WALL STUDS SHOULD HAVE PANEL EDGE NAILING FROM SHEAR WALL SHEATHING.
(3) IF HOLDOWNS 2, 5, 6, AND 8 ARE INSTALLED FROM FLOOR TO FLOOR, REFER TO DETAIL FF/S1.
(4) U.N.O., INSTALL (1) #4 CONTINUOUS HORIZONTAL TOP BAR 3" DOWN FROM TOP OF WALL AT ALL HOLDOWN ANCHORS. EXTEND BAR MIN. 5'-0" PAST HOLDOWN IN BOTH DIRECTIONS (BEND BAR AROUND AT CORNER CONDITION). FOR THIS 10'-0" SECTION INSTALL (1)-#4 VERTICAL BAR @ 24" O.C. TIE HOLDOWN ANCHOR TO HORIZONTAL TOP BAR.

SHEAR WALL / HOLDOWN NOTATION DIAGRAM

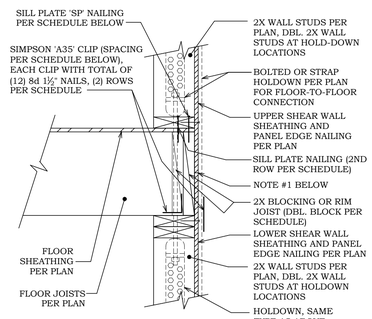




RW/S1 ROOF TO SHEAR WALL SECTION
RAISED HEEL OPTION



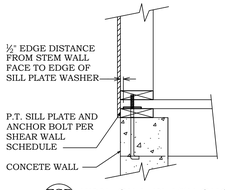
RW/S1 ROOF TO SHEAR WALL SECTION



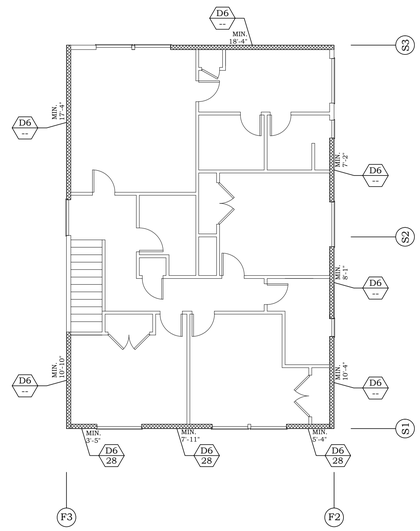
FF/S1 FLOOR TO FLOOR SECTION AT SHEAR WALL

NOTE:
1. IN LIEU OF CLIPS, BREAK SHEAR WALL PANELS AT BLOCKING OR RIM JOIST (INSTALL PANEL EDGE NAILING AT BREAK).

PANEL TYPE	'SP' NAIL SPACING	SIMPSON CLIP SPACING	'RE' NAIL SPACING
D6	16d @ 8" O.C.	1'-8" O.C.	8d @ 8" O.C.
D4	16d @ 4" O.C.	1'-2" O.C.	8d @ 4" O.C.
D3	16d @ 3" O.C.	0'-11" O.C.	8d @ 3" O.C.
D2	16d @ 3" O.C.	8" O.C.	8d @ 2½" O.C.
E2	16d @ 2" O.C.	7" O.C.	8d @ 2" O.C.
D3X2	16d @ 3" O.C. (2) ROWS	1'-0" O.C. (2) ROWS	8d @ 3" O.C. (2) ROWS
D2X2	16d @ 2" O.C. (2) ROWS	10" O.C. (2) ROWS	8d @ 2" O.C. (2) ROWS

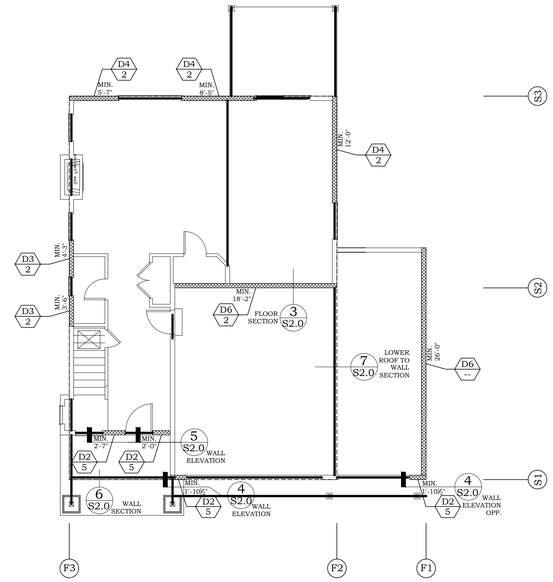


FSP/S1 FDN. SILL PLATE SECTION



UPPER FLOOR SHEARWALL PLAN

NOTE:
1. REFER TO FRAMING REQUIREMENTS FOR TYPICAL EXTERIOR SHEATHING AND NAILING, ROOF SHEATHING AND NAILING AND FLOOR SHEATHING AND NAILING REQUIREMENTS.



MAIN FLOOR SHEARWALL PLAN

NOTE:
1. REFER TO FRAMING REQUIREMENTS FOR TYPICAL EXTERIOR SHEATHING AND NAILING, ROOF SHEATHING AND NAILING AND FLOOR SHEATHING AND NAILING REQUIREMENTS.

No.	DATE	DESCRIPTION

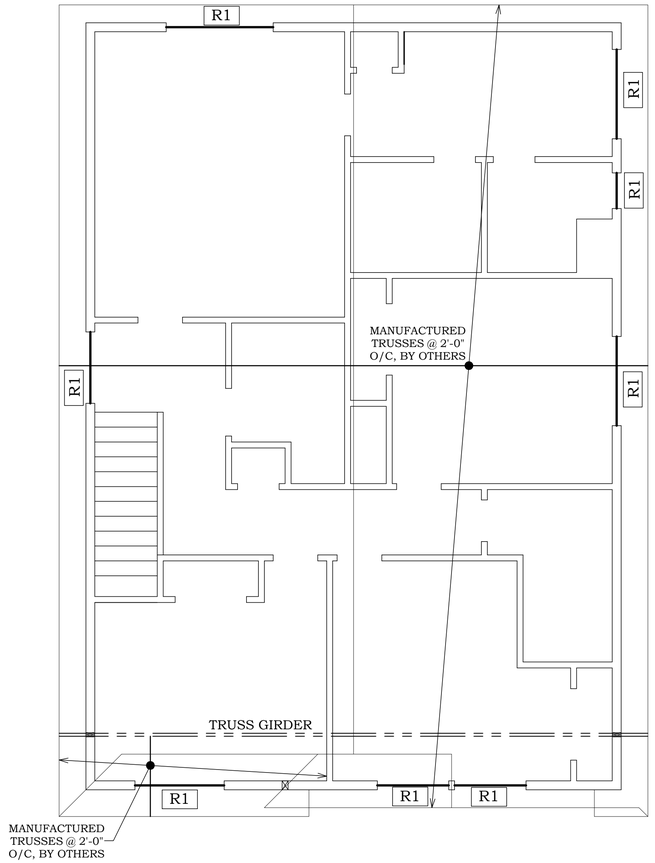
PROJECT NAME
ZM 14
SHEAR WALL AND HOLDOWN SCHEDULE
SHEAR WALL PLAN
PARTIAL FOUNDATION PLAN

TURNER ENGINEERING & DESIGN
Office/ Cell: (503) 970-8307
Email:rtturner.teandding@gmail.com
PO BOX 220
EAGLE CREEK, OREGON 97022

ENGINEERS STAMP

EXP. DATE: 06-30-18

ISSUE	CD
DESIGNED BY	RJT
DRAWN BY	RJT
CHECKED BY	RJT
DATE	12/15/17
PROJECT NO.	R16428
SHEET NO.	S1.0

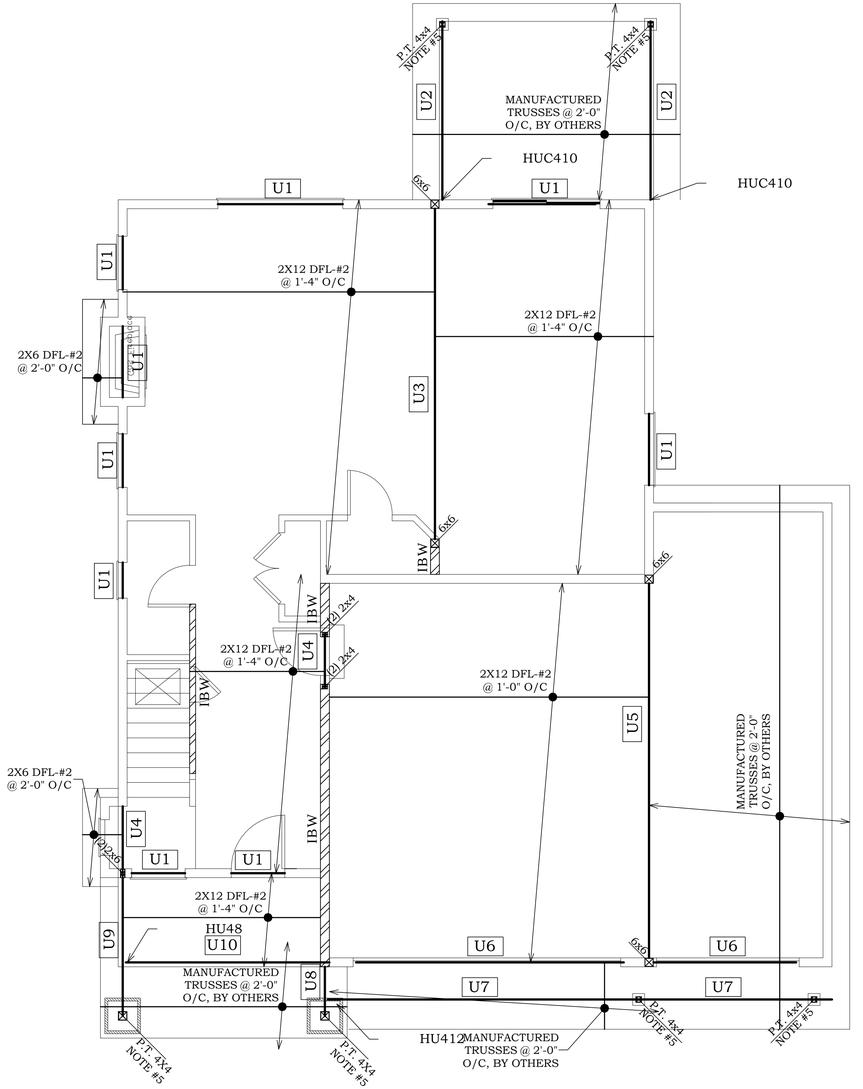


ROOF FRAMING PLAN

ROOF AND FLOOR FRAMING NOTES:
(1) HEADERS TO BE R1: 4X8 DFL-#2 (6'-0" MAX SPAN), U.N.O.
(2) INTERIOR HEADERS TO BE 4X8 DFL-#2 (MAX. SPAN 4'-0"), U.N.O.
(3) REFER TO ARCHITECTURAL DRAWINGS FOR ROOF FINISHING SPECIFICATIONS AND VERIFICATION OF ALL DIMENSIONS.

BEAM SCHEDULE:

BEAM SIZE	SIZE
R1	4X8 DFL-#2



UPPER FLOOR FRAMING PLAN

ROOF AND FLOOR FRAMING NOTES:
(1) HEADERS TO BE 4X12 DFL-#2 (MAX. SPAN 4'-0"), U.N.O.
(2) INTERIOR HEADERS TO BE 4X8 DFL-#2 (MAX. SPAN 4'-0"), U.N.O.
(3) REFER TO ARCHITECTURAL DRAWINGS FOR ROOF FINISHING SPECIFICATIONS AND VERIFICATION OF ALL DIMENSIONS.
(4) TYPICAL EXTERIOR WALL POST TO BE (2) 2X6 DFL-#2 (BUNDLED STUD), FASTEN EACH STUD TOGETHER WITH 16d NAILS @ 12" O/C, TYP. ENTIRE LENGTH OF STUD, U.N.O.
TYPICAL INTERIOR WALL POST TO BE (2) 2X4 DFL-#2 (BUNDLED STUD), FASTEN EACH STUD TOGETHER WITH 16d NAILS @ 12" O/C, TYP. ENTIRE LENGTH OF STUD, U.N.O.
(5) EXTERIOR POST CAPS TO BE SIMPSON 'PC' OR 'EPC', IF EXPOSED CONDITION COAT PER MANUFACTURE'S SPECIFICATIONS WITH EXTERIOR EXPOSURE AND P.T. MATERIAL.
IBW - INTERIOR BEARING WALL

BEAM SCHEDULE:

BEAM SIZE	SIZE
U1	4X8 DFL-#2
U2	4X12 DFL-#2
U3	6¾" X 15" GLB 24F-V4
U4	4X8 DFL-#2
U5	5½" X 16½" GLB 24F-V4
U6	4X12 DFL-#2
U7	4X12 DFL-#2
U8	3½" X 12" GLB 24F-V4
U9	3½" X 12" GLB 24F-V4
U10	4X8 DFL-#2

No.	DATE	DESCRIPTION

PROJECT NAME
ZM 14
SHEAR WALL AND HOLDOWN SCHEDULE
SHEAR WALL PLAN
PARTIAL FOUNDATION PLAN

TURNER ENGINEERING & DESIGN
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ENGINEERS STAMP
REGISTERED PROFESSIONAL ENGINEER 58949PE OREGON JULY 15, 2005 RICHARD J. TURNER

EXP. DATE: 06-30-18

ISSUE
CD

DESIGNED BY
RJT

DRAWN BY
RJT

CHECKED BY
RJT

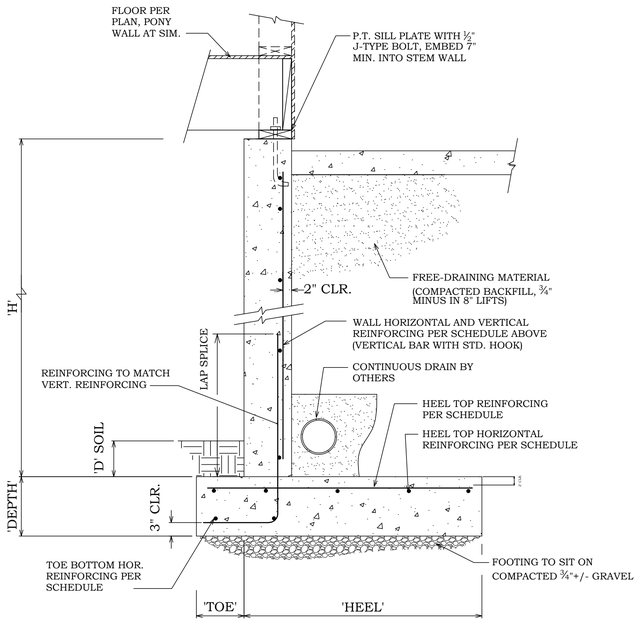
DATE
12/15/17

PROJECT NO.
R16428

SHEET NO.
S1.1

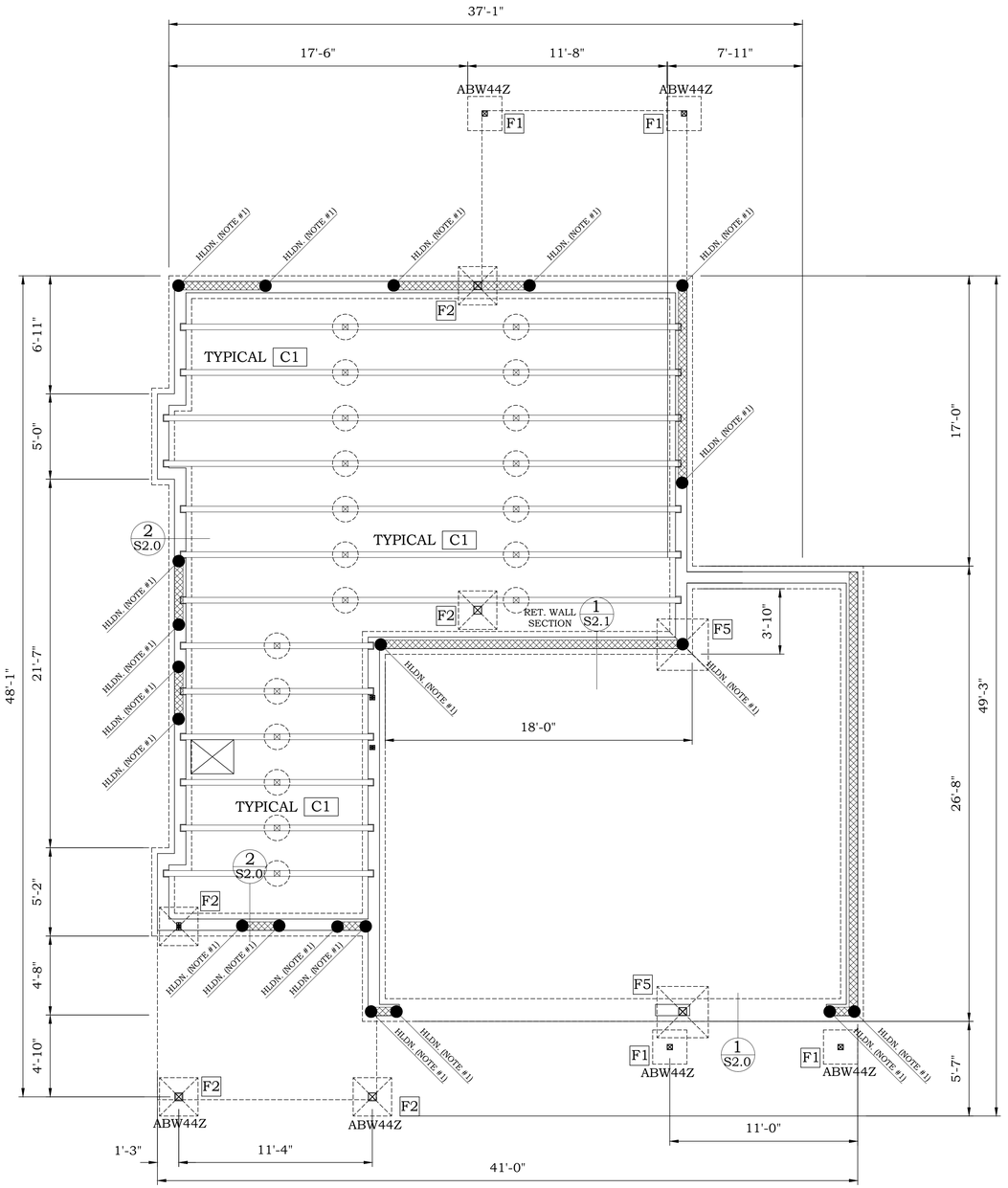
NOTE:
1. ASSUMPTIONS:
MAX DESIGN PRESSURE = 40 PSF
MAX SURCHARGE LOAD = 50 PSF
ALLOWABLE SOIL BEARING PRESSURE = 1500 PSF
COEFFICIENT OF FRICTION = .35
PASSIVE SOIL PRESSURE = 150 PSF
SEISMIC Kh = Sds/2.5 (MONONOBE-OKABE)
F'C = 2500 PSI AT 28 DAY STRENGTH, 5" SLUMP.
Fy (STEEL) 60 KSI
SOIL WEIGHT = 110 PCF

2. CONCRETE FOUNDATION WALL DESIGNED TO CARRY SOIL LOAD ONLY.
3. COMPACTED BACKFILL TO BE INSTALLED BEFORE INSTALLING WOOD FLOOR.
4. SHORE WALL BEFORE COMPACTING WITH BACKFILL.
5. REINFORCING BARS TO BE ASTM A615, GRADE 60, DEFORMED BARS (MIN. LAP SPLICE 40 BAR DIAM.).



RETAINING WALL/FOOTING SCHEDULE						WALL REINFORCEMENT		FOOTING REINFORCEMENT		
HEIGHT	't'	TOE	HEEL	DEPTH	'D' SOIL	WALL VERT. REINF.	WALL HOR. REINF.	HEEL TOP HORIZ.	HEEL TOP	TOE BTM. HORIZ.
4'-0"	8"	1'-0"	3'-3"	0'-10"	0'-6"	#4 @ 1'-0" O.C.	#4 @ 1'-6" O.C.	#4 @ 1'-6" O.C.	#4 @ 1'-6" O.C.	#4 @ 1'-6" O.C.
6'-0"	8"	1'-6"	5'-0"	0'-10"	0'-6"	#4 @ 0'-8" O.C.	#4 @ 1'-0" O.C.	#4 @ 0'-10" O.C.	#4 @ 1'-6" O.C.	#4 @ 1'-0" O.C.

1 S1.2 FOOTING SECTION
SCALE: NONE



PARTIAL FOUNDATION PLAN

FOUNDATION NOTES

1. REFER TO MAIN FLOOR SHEAR WALL PLAN FOR HOLDOWN SIZE.
2. THIS DRAWING IS FOR LATERAL INFORMATION ONLY, REFER TO ARCHITECTURAL PLANS FOR ALL OTHER INFORMATION.
3. TYPICAL PIER PAD BE 18" DIAM. X 8" CONCRETE FOOTING WITH 4X4 DFL-#2 POST. POST AND CONRETE FOOTING TO BE SEPARATED BY ASPHALT SHINGLE.
4. TYPICAL CRAWL SPACE BEAM TO BE C1: 4X8 DFL-#2. SINGLE GUSSET PLATE TO BE USED ON BOTH SIDES OF ATTACHMENT TO POST.

MATERIALS:
CONCRETE: MIN. 28-DAY CONCRETE STRENGTH = 2500 psi.
GRADE BEAMS, PIERS, AND SPREAD FOOTINGS SHALL BE POURED ONTO UNDISTURBED, NATIVE SOIL WHICH IS FREE FROM ANY MATERIAL THAT WILL ADVERSELY AFFECT THE SOIL DESIGN BEARING PRESSURE REFERENCED ABOVE. ALL NON-STRUCTURAL WEATHER PROOFING AND FINISH MATERIAL TO BE DETERMINED "BY OTHERS".

SLAB CONTROL JOINTS: PER OWNERS REQUIREMENTS OR DIRECTION:

MISC. SITE PREPARATIONS:
OBTAIN AND OBEY ALL APPLICABLE REGULATIONS REGARDING GRADING AND EXCAVATION. IDENTIFY, MARK, AND PROTECT FROM DAMAGE ALL EXISTING UNDERGROUND PIPES, CONDUITS, AND CABLE (WATER SUPPLY, SANITARY SEWER, STORM SEWER, GAS, STEAM, ELECTRICAL AND COMMUNICATION CABLE). REMOVE SOIL WITH ORGANIC MATTER. PERFORM BACKFILL AND COMPACTION IN A SYSTEMATIC PATTERN, TO ASSURE COMPLETE AND CONSISTENT WORK. IF ANY OVER-EXCAVATION ACCIDENTALLY OCCURS, CORRECT IT WITH WELL-COMPACTED BACKFILL. PROVIDE TESTING AND INSPECTION OF BACKFILL AND COMPACTION. LAYER BACKFILL IN 6 IN. TO 12 IN INCREMENTS. COMPACT ALL FILL. USE STABLIZED FILL MATERIAL OF AN APPROVED TYPE AND FROM AN APPROVED SOURCE. TEST AND APPROVE MATERIAL DELIVERED FROM OTHER SITES. DO NOT ALLOW ANY DEBRIS TO BE MIXED WITH FILL. CURE CONCRETE TO FULL REQUIRED STRENGTH BEFORE BACKFILLING. PROVIDE DRAINAGE CATCHERS PER ARCHITECTURAL DRAWINGS.

SPECIAL INSPECTION: NONE

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ZM 14
SHEAR WALL AND HOLDOWN SCHEDULE
SHEAR WALL PLAN
PARTIAL FOUNDATION PLAN

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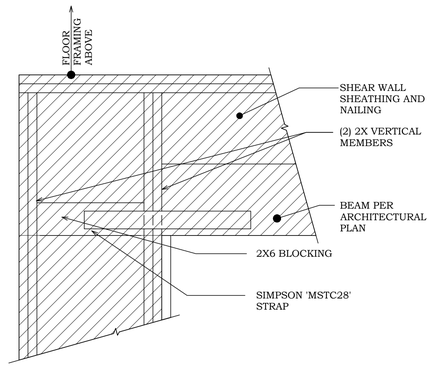
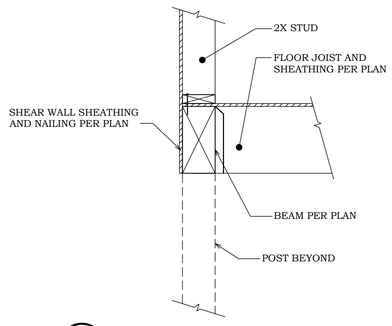
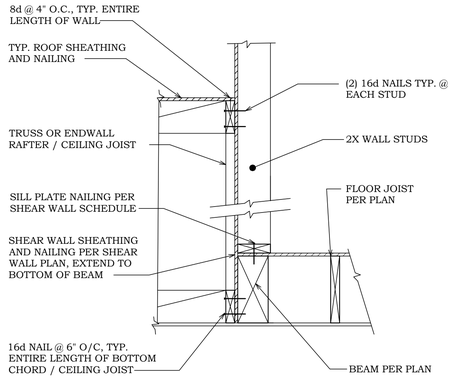


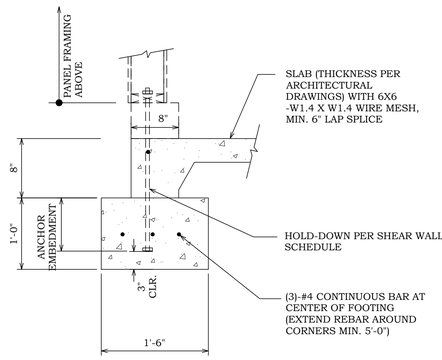
5 SHEAR WALL ELEVATION
S2.0 SCALE: NONE



6 WALL SECTION
S2.0 SCALE: 1" = 1'-0"

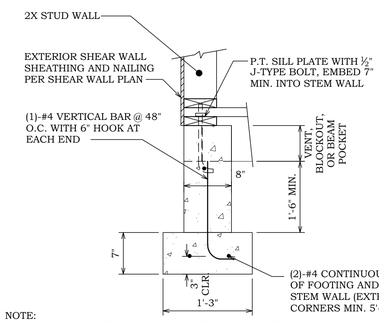


7 LOWER ROOF SECTION
S2.0 SCALE: 1" = 1'-0"



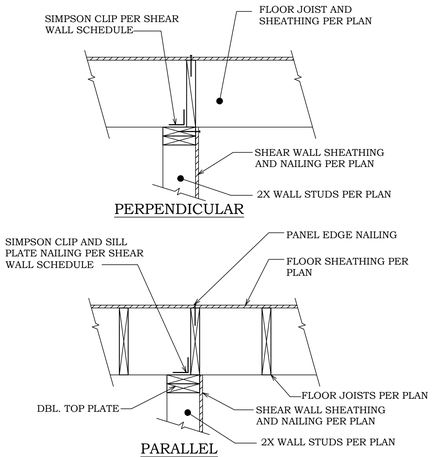
NOTE:
1. FOOTING TO BE PLACED ON UNDISTURBED NATIVE SOIL.
2. DRIVEWAY SURFACE NOT SHOWN.

1 FOOTING SECTION
S2.0 SCALE: 1" = 1'-0"

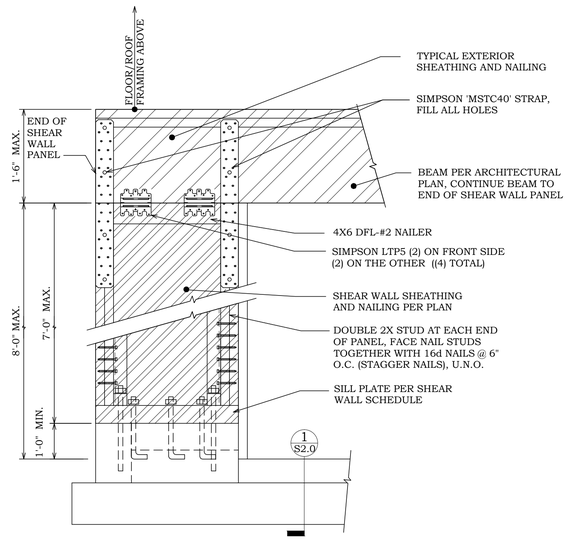


NOTE:
1. FOOTING TO BE PLACED ON UNDISTURBED NATIVE SOIL.
2. REFER TO SHEAR WALL SCHEDULE SILL BOLT SPACING AT SHEAR WALL LOCATIONS.

2 FOOTING SECTION
S2.0 SCALE: NONE



3 FLOOR SECTION
S2.0 SCALE: NONE



4 PORTAL FRAME ELEVATION
S2.0 SCALE: NONE

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STRUCTURAL DETAILS

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