SEQUENCE OF SHEETS

SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
A-000	COVER	S-100	FOUNDATION PLAN
A-100	FIRST FLOOR PLAN	S-101	FIRST FLOOR FRAMING PLAN
A-200	BUILDING ELEVATIONS	S-102	ROOF FRAMING PLAN
A-300	BUILDING SECTIONS	S-300	BUILDING SECTIONS
S-001	STRUCTURAL GENERAL NOTES	S-301	BUILDING SECTIONS
S-002	STRUCTURAL GENERAL NOTES	E-100	ELECTRICAL PLAN
S-003	STRUCTURAL GENERAL NOTES	F-100	FRAMING LAYOUT PLAN

PROJECT DESCRIPTION:

192 SQ FT OF NEW CONSTRUCTION (STAND ALONE STRUCTURE)

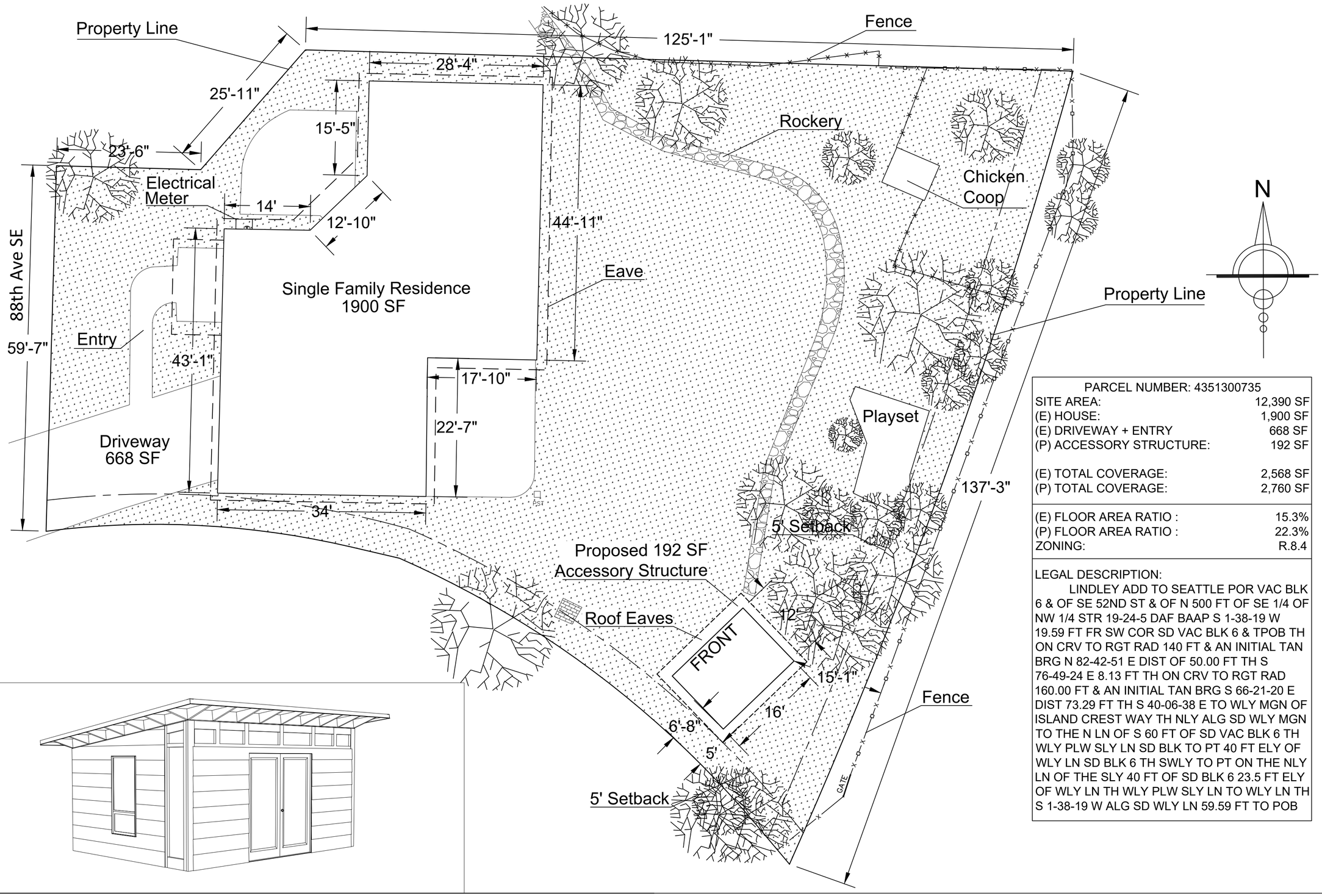
12'-0 x 16'-0 ACCESSORY BUILDING (TV ROOM)

OCCUPANCY GROUP: U

CONSTRUCTION TYPE: V-B

THIS PROJECT SHALL COMPLY WITH THE 2015 INTERNATIONAL CODES, WHICH ADOPTS THE 2015 UMC, 2015 UMP AND THE 2014 NEC.

PLANS PREPARED BY ZACH BULL | (847) 922-4279 | ZBULL@STUDIOSHED.COM



PARCEL NUMBER: 4351300735	
SITE AREA:	12,390 SF
(E) HOUSE:	1,900 SF
(E) DRIVEWAY + ENTRY	668 SF
(P) ACCESSORY STRUCTURE:	192 SF
(E) TOTAL COVERAGE:	2,568 SF
(P) TOTAL COVERAGE:	2,760 SF
(E) FLOOR AREA RATIO :	15.3%
(P) FLOOR AREA RATIO :	22.3%
ZONING:	R.8.4

LEGAL DESCRIPTION:
LINDLEY ADD TO SEATTLE POR VAC BLK 6 & OF SE 52ND ST & OF N 500 FT OF SE 1/4 OF NW 1/4 STR 19-24-5 DAF BAAP S 1-38-19 W 19.59 FT FR SW COR SD VAC BLK 6 & TPOB TH ON CRV TO RGT RAD 140 FT & AN INITIAL TAN BRG N 82-42-51 E DIST OF 50.00 FT TH S 76-49-24 E 8.13 FT TH ON CRV TO RGT RAD 160.00 FT & AN INITIAL TAN BRG S 66-21-20 E DIST 73.29 FT TH S 40-06-38 E TO WLY MGN OF ISLAND CREST WAY TH NLY ALG SD WLY MGN TO THE N LN OF S 60 FT OF SD VAC BLK 6 TH WLY PLW SLY LN SD BLK TO PT 40 FT ELY OF WLY LN SD BLK 6 TH SWLY TO PT ON THE NLY LN OF THE SLY 40 FT OF SD BLK 6 23.5 FT ELY OF WLY LN TH WLY PLW SLY LN TO WLY LN TH S 1-38-19 W ALG SD WLY LN 59.59 FT TO POB

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ISSUE DATE

REVISIONS

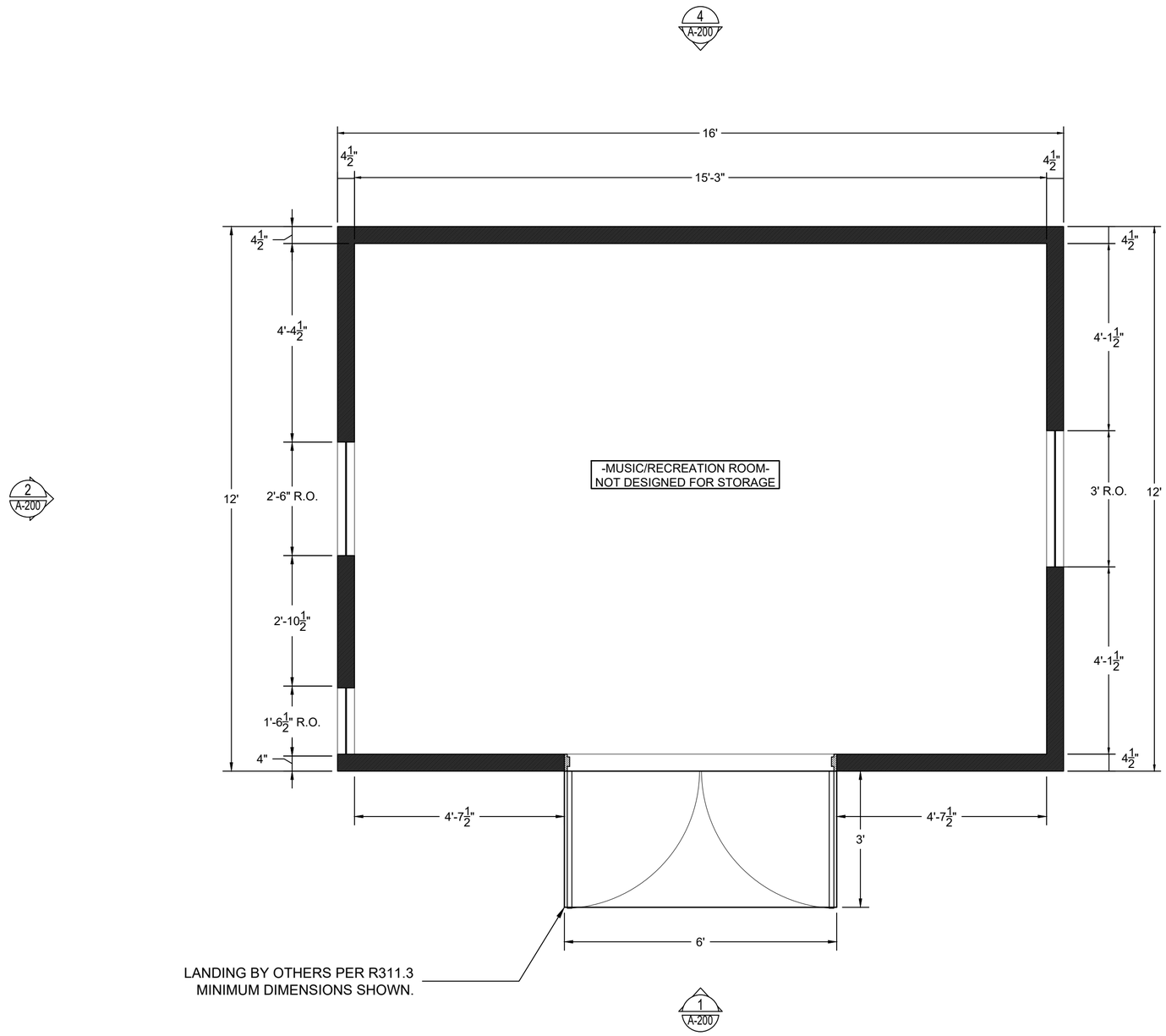
12'x16' ACCESSORY BUILDING
TYPE OF CONSTRUCTION

JOHN SIEFKEN
NAME

5060 88TH AVE.SE
MERCER ISLAND, WA 98040
ADDRESS

18x24
SHEET SIZE

A-000



1 A-100 FIRST FLOOR PLAN
SCALE: 1/2" = 1'-0

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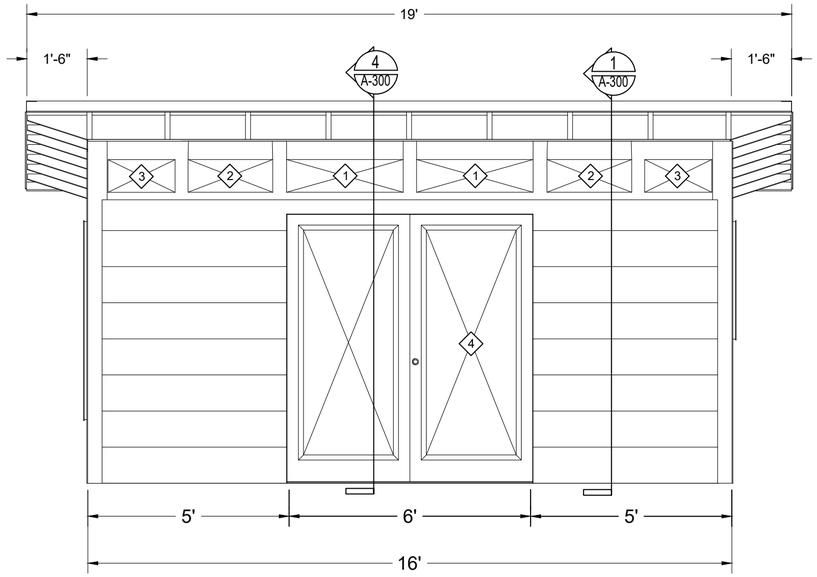
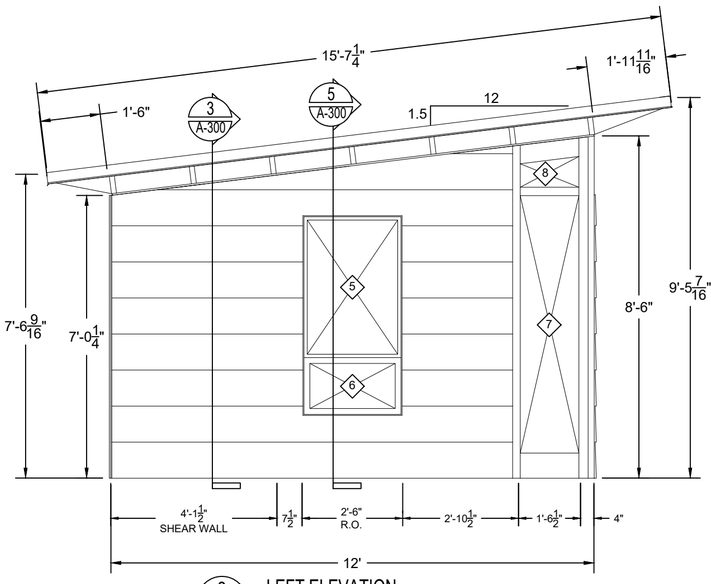
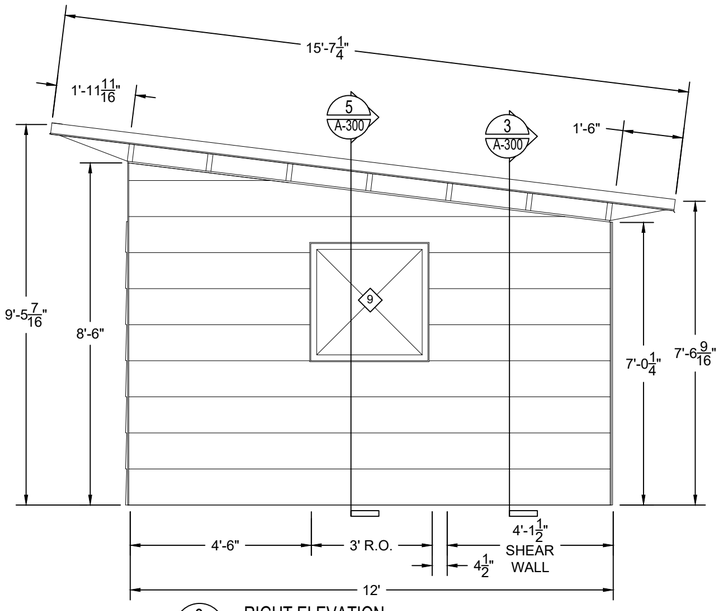


1 A-200 FRONT ELEVATION
SCALE: 3/8" = 1'-0

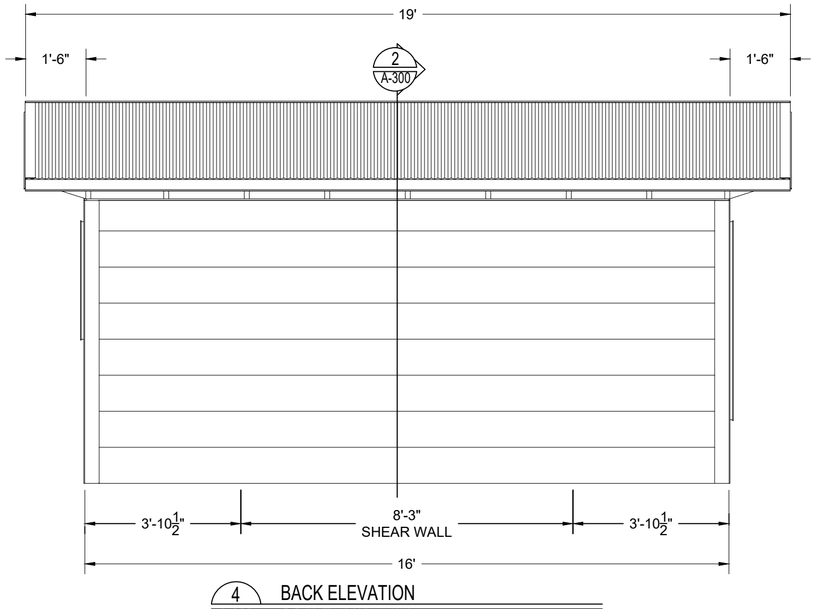


2 A-200 LEFT ELEVATION
SCALE: 3/8" = 1'-0

WINDOW AND DOOR SCHEDULE							
NO.	SIZE (WIDTH x HEIGHT)	FRAME	QTY	LOCATION	DESCRIPTION	U-FACTOR	SHGC
1	1'-9" x 0'-11 1/2"	WOOD/ ALUMINUM VENEER	2	FRONT ELEVATION	FIXED, DOUBLE PANE, LOW-E	.30	.41
2	2'-3 1/2" x 0'-11 1/2"	WOOD/ ALUMINUM VENEER	2	FRONT ELEVATION	FIXED, DOUBLE PANE, LOW-E	.30	.41
3	2'-10 1/2" x 0'-11 1/2"	WOOD/ ALUMINUM VENEER	2	FRONT ELEVATION	FIXED, DOUBLE PANE, LOW-E	.30	.41
4	6'-0" x 6'-8"	FIBERGLASS	1	FRONT ELEVATION	72" OUTSWING, LHO, TEMPERED, LOW-E GLASS	.29	.28
5	2'-6" x 3'-6"	FIBERGLASS	1	LEFT ELEVATION	FIXED, DOUBLE PANE, LOW-E	.32	.30
6	2'-6" x 1'-6"	FIBERGLASS	1	LEFT ELEVATION	OPERABLE AWNING, DOUBLE PANE, LOW-E	.32	.30
7	1'-6 1/2" x 6'-1 1/2"	WOOD/ ALUMINUM VENEER	1	LEFT ELEVATION	FIXED, DOUBLE PANE, LOW-E, TEMPERED	.30	.41
8	1'-6 1/2" x 0'-10 1/4"	WOOD/ ALUMINUM VENEER	1	LEFT ELEVATION	FIXED, DOUBLE PANE, LOW-E	.30	.41
9	3'-0" x 3'-0"	FIBERGLASS	1	RIGHT ELEVATION	OPERABLE AWNING, DOUBLE PANE, LOW-E	.32	.30



3 A-200 RIGHT ELEVATION
SCALE: 3/8" = 1'-0



4 A-200 BACK ELEVATION
SCALE: 3/8" = 1'-0

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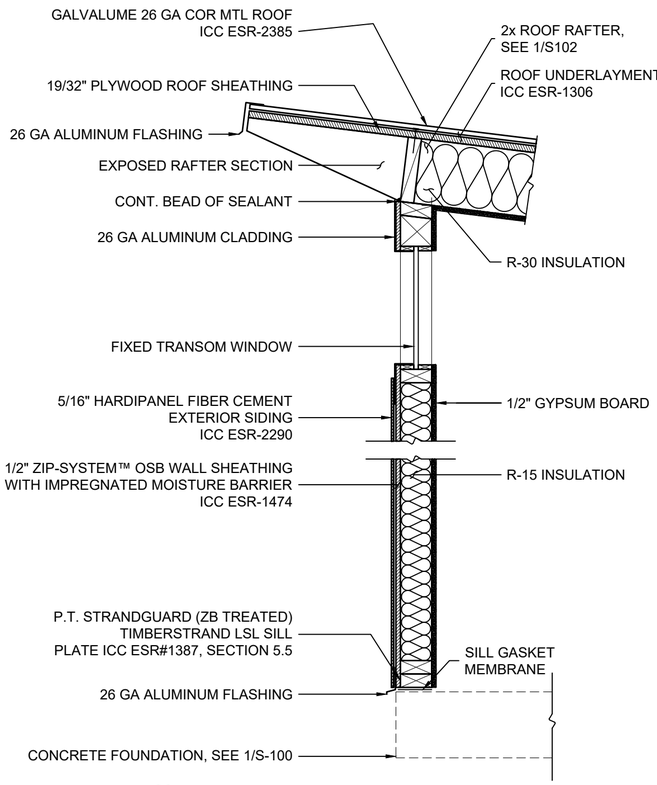
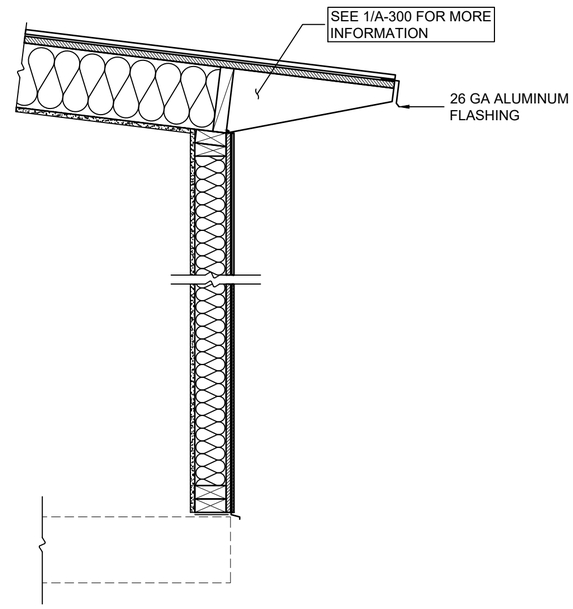
SHEET SIZE

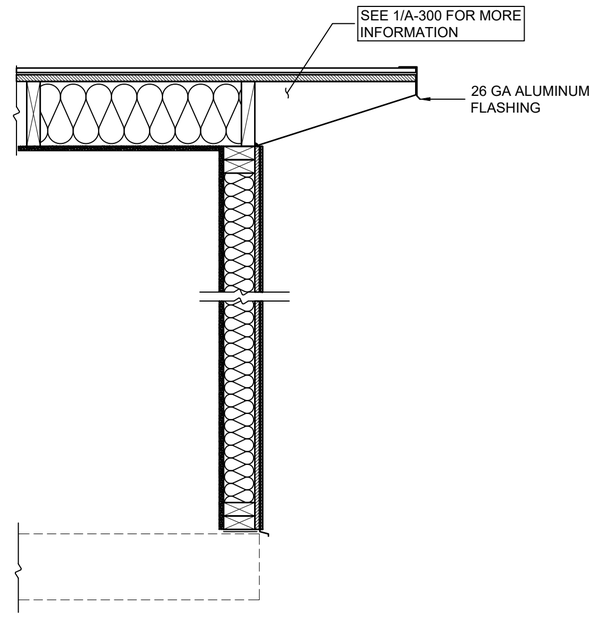
A-200



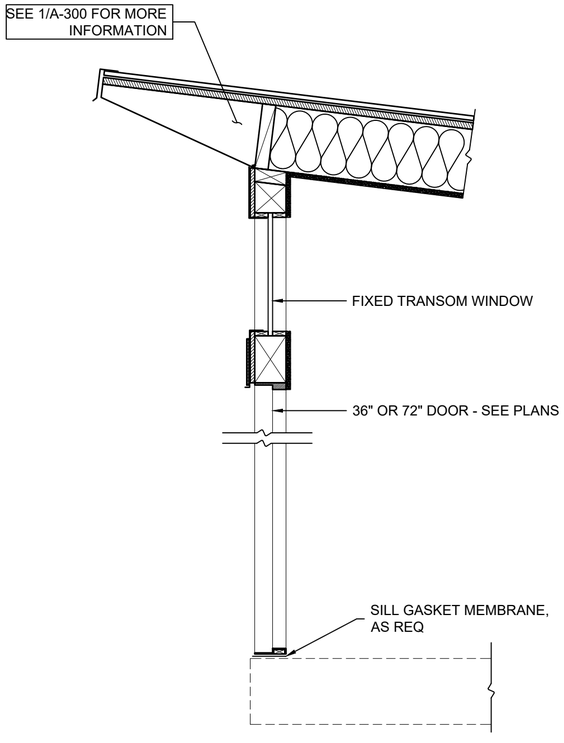
1 A-300 FRONT WALL SECTION
SCALE: 1" = 1'-0



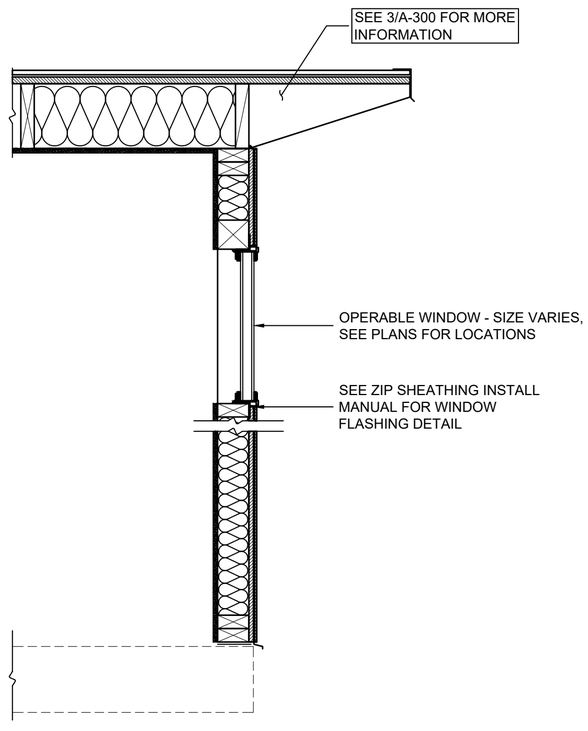
2 A-300 BACK WALL SECTION
SCALE: 1" = 1'-0



3 A-300 RAKE WALL SECTION
SCALE: 1" = 1'-0



4 A-300 FRONT WALL SECTION AT DOOR
SCALE: 1" = 1'-0



5 A-300 TYP WALL SECTION WITH WINDOW
SCALE: 1" = 1'-0

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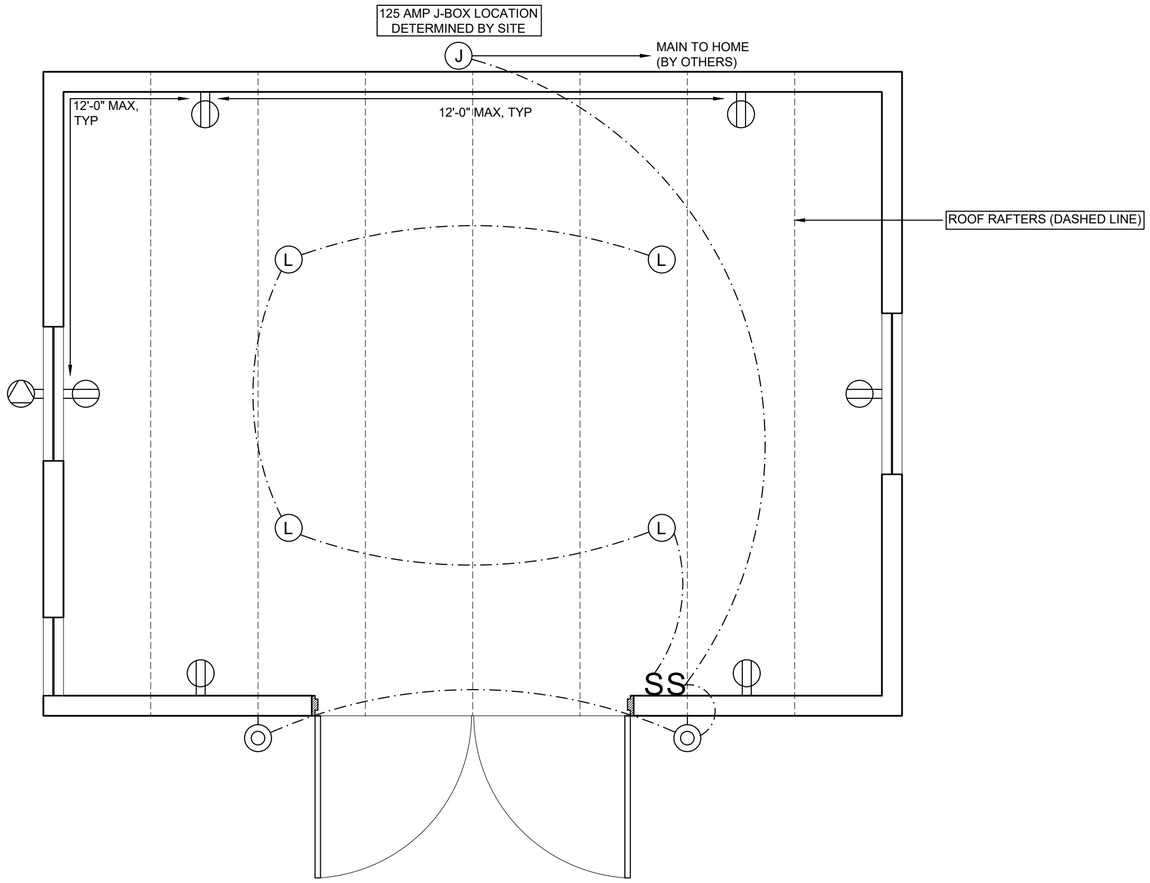

1 / E-100 ELECTRICAL PLAN
SCALE: 1/2" = 1'-0

J — QTY: 1 125 AMP SUB-PANEL	QTY: 6 DUPLEX RECEPTACLE	L HIGH EFFICACY INTERIOR LIGHT FIXTURE	QTY: 1 GFCI EXTERIOR DUPLEX RECEPTACLE (WITH COVER)
S — QTY: 2 SINGLE-POLE SWITCH		HIGH EFFICACY EXTERIOR LIGHT FIXTURE	15 AMP WIRING (DASHED LINE)

ELECTRICAL GENERAL NOTES:

1. TO RUN WIRING BETWEEN PANELS, DRILL (1) 1/2" Ø HOLE THROUGH STUDS AT 12" O.C. FROM B.O. SILL PLATE
2. JUNCTION BOX INSTALLED AT 4'-6" FROM B.O. PANEL TO B.O. BOX
3. OUTLETS INSTALLED 12" A.F.F. TO BOTTOM OF BOX
4. EXTERIOR LIGHTS INSTALLED 6'-4" AFF TO MOUNTING HOLE
5. 20 AMP AFCI/GFCI CIRCUIT BREAKER IS PROVIDED TO TAKE PLACE OF NEEDED GFCI RECEPTACLE

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JOHN SIEFKEN
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5060 88TH AVE.SE
MERCER ISLAND, WA 98040
ADDRESS

18x24
SHEET SIZE

E-100

PROJECT DESCRIPTION:

192 SQ FT OF NEW CONSTRUCTION (STAND ALONE STRUCTURE)

12'-0 x 16'-0 ACCESSORY BUILDING

STRUCTURAL GENERAL NOTES:

DESIGN LOADS: 2015 IBC/IRC CODE WITH CITY OF MERCER ISLAND AMENDMENTS
ASCE 7-10
RISK CATEGORY
II STANDARD

ROOFS:

ROOF DEAD LOAD	**15 PSF**
ROOF LIVE LOAD	**20 PSF**
ROOF SNOW LOAD	**25 PSF**

WALLS:

WALL DEAD LOAD	**10 PSF**

WIND: (ASCE 7-10 27.4 AND 30.4)
ULTIMATE DESIGN WIND SPEED, VULT, (3-SECOND GUST) = 110 MPH
INTERNAL PRESSURE COEFFICIENT = 0.18 (ENCLOSED)
WIND EXPOSURE = C
COMPONENTS AND CLADDING DESIGN WIND PRESSURES (ULTIMATE)

WALLS: (FIGURE 30.4-1)		
WITHIN 3 FEET OF CORNERS	**+26.4 PSF**	**-35.4 PSF**
AWAY FROM CORNERS	**+26.4 PSF**	**-28.7 PSF**
ROOFS: (FIGURE 30.4-5A)		
ZONE 1	**+16.0 PSF**	**-28.7 PSF**
ZONE 2	**+16.0 PSF**	**-33.1 PSF**
ZONE 2'	**+16.0 PSF**	**-39.8 PSF**
ZONE 3	**+16.0 PSF**	**-44.3 PSF**
ZONE 3'	**+16.0 PSF**	**-62.2 PSF**
OVERHANGS:		
ZONE 2	**-46.9 PSF**	
ZONE 2'	**-53.6 PSF**	
ZONE 3	**-58.1 PSF**	
ZONE 3'	**-76.0 PSF**	

PRESSURES MAY BE REDUCED FOR EFFECTIVE WIND AREAS LARGER THAN 10 SQUARE FEET, BUT
NOT BELOW 16 PSF.

SEISMIC:

SPECTRAL RESPONSE ACCELERATION PARAMETERs				
SHORT PERIOD	**SS**	**1.444G**	**SDS**	**1.155G**
ONE SECOND	**S1**	**0.501G**	**SD1**	**0 .601G**
SOILS SITE CLASS	**D**			
SEISMIC IMPORTANCE FACTOR	**1.0**			
SEISMIC DESIGN CATEGORY	**D**			
BASIC SEISMIC-FORCE-RESISTING SYSTEM(S)				
LIGHT-FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE				
DESIGN BASE SHEAR(S)	**1.335 KIPS (ULTIMATE)**			
SEISMIC RESPONSE COEFFICIENT(S), CS	**0.178 (ULTIMATE)**			
RESPONSE MODIFICATION COEFFICIENT(S), R	**6.5**			
ANALYSIS PROCEDURE	**EQUIVALENT LATERAL FORCE**			

STRUCTURAL GENERAL NOTES:

FOUNDATION DESIGN:

FOUNDATIONS ARE DESIGNED WITHOUT AN ENGINEER'S SOIL INVESTIGATION. THE DESIGN CRITERIA IS ASSUMED FOR PURPOSES OF FOUNDATION DESIGN.

SLAB ON GRADE WITH TURNDOWNS:

DESIGN OF SLAB ON GRADE WITH TURNDOWNS IS BASED ON MAXIMUM ALLOWABLE BEARING PRESSURE 1500 PSF BEARING ON THE NATURAL UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL.
PER 1806.2 AND TABLE 1806.2

REINFORCED CONCRETE:

DESIGN IS BASED ON ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 332 "REQUIREMENTS FOR RESIDENTIAL CONCRETE CONSTRUCTION." CONCRETE WORK SHALL CONFORM TO ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE."

STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

INTENDED USE	F'C, PSI 28 DAY	MAX W/C RATIO	MAXIMUM AGGREGATE	SLUMP, INCHES (+/- 1")	ENTRAINED AIR, PERCENT (+/- 1.5%)	CEMENT TYPE	ADMIXTURES, COMMENTS
SLAB ON GRADE WITH TURNDOWNS	4,000	0.45	3/4" STONE	4	3	I/II	

DETAILING, FABRICATION, AND PLACEMENT OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."
REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, EXCEPT TIES OR BARS SHOWN TO BE FIELD-BENT, WHICH SHALL BE GRADE 60.
BARS TO BE WELDED SHALL CONFORM TO ASTM 706.
AT CORNERS AND INTERSECTIONS, MAKE HORIZONTAL BARS CONTINUOUS OR PROVIDE MATCHING CORNER BARS FOR EACH LAYER OF REINFORCEMENT.
UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, LAP BARS 50 DIAMETERS (MINIMUM)
EXCEPT AS NOTED ON THE DRAWINGS, CONCRETE PROTECTION FOR REINFORCEMENT IN CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS:

CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"
EXPOSED TO EARTH OR WEATHER:	
#5 BAR, W31 OR D31 WIRE, AND SMALLER	1-1/2"
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
SLABS, WALLS, JOISTS: #11 BARS AND SMALLER	3/4"
BEAMS AND COLUMNS:	
PRIMARY REINFORCEMENT	1-1/2"
STIRRUPS, TIES, SPIRALS	1-1/2"

STRUCTURAL WOOD & TIMBER:

DESIGN IS BASED ON ANSI/AF&PA NDS "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH SUPPLEMENT: DESIGN VALUES FOR WOOD CONSTRUCTION" AND ANSI/AF&PA SDPWS "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC"
2X FRAMING SHALL BE SPF NO. 2 OR BETTER UNLESS NOTED OTHERWISE.
ALL LUMBER SHALL BE 19% MAXIMUM MOISTURE CONTENT, UNLESS NOTED OTHERWISE.
STUDS SHALL BE SPF NO. 2 AND BETTER OR STUD GRADE.
TOP AND BOTTOM PLATES SHALL BE SPF NO. 2 AND BETTER OR STUD GRADE.
FASTENERS FOR USE WITH TREATED WOOD SHALL COMPLY WITH IRC SECTION R317.3
WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE-TREATED SPF #2 OR BETTER. PRESERVATIVE TREATED WOOD SHALL BE TREATED IN ACCORDANCE WITH AWPA U1 AND AEPA M4.
CONVENTIONAL LIGHT FRAMING SHALL COMPLY WITH IRC SECTIONS R502, R602, AND R802.
MINIMUM NAILING SHALL BE PROVIDED AS SPECIFIED IN IBC/IRC TABLE 2304.9.1 "FASTENER SCHEDULE FOR STRUCTURAL MEMBERS."
METAL FRAMING ANCHORS SHOWN OR REQUIRED, SHALL BE SIMPSON STRONG-TIE OR EQUAL CODE APPROVED CONNECTORS AND INSTALLED WITH THE NUMBER AND TYPE OF NAILS RECOMMENDED BY THE MANUFACTURER TO DEVELOP THE MAXIMUM RATED CAPACITY.
NOTE THAT HEAVT-DUTY HANGERS AND SKEWED HANGERS MIGHT NOT BE STOCKED LOCALLY AND REQUIRE SPECIAL ORDER FROM THE FACTORY.
LEAD HOLES FOR LAG SCREWS SHALL BE 40%-70% OF THE SHANK DIAMETER AT THE THREADED SECTION AND EQUAL TO THE SHANK DIAMETER AT THE UNTHREADED SECTION PER NDS SECTION 11.1.3.
CONNECTOR BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME B18.2.1 AND ASTM SAE J429 GRADE 1.
NAILS AND SPIKES SHALL CONFORM TO ASTM F1667.
WOOD SCREWS SHALL CONFORM TO ANSI/ASME B18.6.1

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REVISIONS

12'x16' ACCESSORY BUILDING — TYPE OF CONSTRUCTION
JOHN SIEFKEN — NAME
5060 88TH AVE.SE
MERCER ISLAND, WA 98040 — ADDRESS

DARREN SPARKS
STATE OF WASHINGTON
45108
REGISTERED
PROFESSIONAL ENGINEER
10/05/2020
EXPIRES: 10/25/2021

18x24
SHEET SIZE

S-001

STRUCTURAL GENERAL NOTES:

WOOD FRAMING NOTES:

ALL BEAMS SHALL BE BRACED AGAINST ROTATION AT POINTS OF BEARING.
PROVIDE CONTINUOUS WALL STUDS EACH SIDE OF OPENINGS EQUAL TO ONE-HALF OR GREATER THE NUMBER OF STUDS INTERRUPTED BY OPENING UNLESS NOTED OTHERWISE.
ALL WALL STUDS SHALL BE CONTINUOUS FROM FLOOR TO FLOOR OR FROM FLOOR TO ROOF.
PROVIDE SOLID BLOCKING OR RIM JOISTS AT ALL JOIST SUPPORTS AND JOIST ENDS.
SOLE PLATE AT ALL PERIMETER WALLS AND AT DESIGNATED SHEAR WALLS SHALL BE NAILED WITH (3) 10D BOX NAILS (COATED OR DEFORMED SHANK) AT 16".
ALL ROOF RAFTERS, JOISTS, BEAMS SHALL BE ANCHORED TO SUPPORTS WITH METAL FRAMING ANCHORS.

WOOD SHEATHING:

PLYWOOD AND ORIENTED STRAND BOARD (OSB) FLOOR AND ROOF SHEATHING SHALL BE APA RATED WITH STAMP INCLUDING APA TRADEMARK AND PANEL SPAN RATING.
MINIMUM ROOF SHEATHING: 15/32" OSB OR CDX PLYWOOD, APA 48/24, NAILED..
MINIMUM WALL SHEATHING: 7/16" OSB OR CDX PLYWOOD, APA 24/16, BLOCKED AND NAILED.
NAIL SHEATHING WITH MINIMUM 8D COMMON OR 10D BOX AT 6" AT PANEL EDGES, AND 12" AT INTERMEDIATE FRAMING EXCEPT AS NOTED. BLOCK AND NAIL ALL EDGES BETWEEN STUDS. MINIMUM (3) 8D NAILS PER STUD TO PLATES. NAIL ALL PLATES USING EDGE NAIL SPACING INDICATED.
SHEATHE ALL EXTERIOR WALLS. SHEATHE INTERIOR WALLS AS DESIGNATED ON THE DRAWINGS.
SHEATHING SHALL BE CONTINUOUS FROM BOTTOM PLATE TO TOP PLATE. CUT IN "L" AND "T" SHAPES AROUND OPENINGS.
ZIP SHEATHING SYSTEM (OSB) COMPLIES WITH 7/16" APA REQUIREMENTS

PLANT FABRICATED / PRE-ENGINEERED WOOD FRAMING:

MEMBERS NOTED AS LSL (LAMINATED STRAND LUMBER) ON PLAN SHALL BE PLANT-FABRICATED AND HAVE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES:
Fb=1700 PSI Fv=400 PSI Fcpar=1400 PSI Fcperp=680 PSI E=1300 KSI

MEMBERS NOTED AS LVL (LAMINATED VENEER LUMBER) ON PLAN SHALL BE 1-1/2" WIDE x DEPTH INDICATED, PLANT-FABRICATED, AND HAVE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES:
Fb=2400 PSI Fv=285 PSI Fcpar=3000 PSI E=1700 KSI

STRUCTURAL ERECTION AND BRACING REQUIREMENTS:

THE STRUCTURAL DRAWINGS ILLUSTRATE AND DESCRIBE THE COMPLETED STRUCTURE WITH ELEMENTS IN THEIR FINAL POSITIONS, PROPERLY SUPPORTED, CONNECTED, AND/OR BRACED.
THE STRUCTURAL DRAWINGS ILLUSTRATE TYPICAL AND REPRESENTATIVE DETAILS TO ASSIST THE GENERAL CONTRACTOR. DETAILS SHOWN APPLY AT ALL SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED. ALTHOUGH DUE DILIGENCE HAS BEEN APPLIED TO MAKE THE DRAWINGS AS COMPLETE AS POSSIBLE, NOT EVERY DETAIL IS ILLUSTRATED AND NOT EVERY EXCEPTIONAL CONDITION IS ADDRESSED.
ALL PROPRIETARY CONNECTIONS AND ELEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS.
ALL WORK SHALL BE ACCOMPLISHED IN A WORKMANLIKE MANNER AND IN ACCORDANCE WITH THE APPLICABLE CODES AND LOCAL ORDINANCES.
THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL WORK, INCLUDING LAYOUT AND DIMENSION VERIFICATION, MATERIALS COORDINATION, SHOP DRAWING REVIEW, AND THE WORK OF SUBCONTRACTORS. ANY DISCREPANCIES OR OMISSIONS DISCOVERED IN THE COURSE OF THE WORK SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR RESOLUTION. CONTINUATION OF WORK WITHOUT NOTIFICATION OF DISCREPANCIES RELIEVES THE ARCHITECT AND STRUCTURAL ENGINEER FROM ALL CONSEQUENCES.
TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL ALL FLOORS, WALLS, ROOFS AND ANY OTHER SUPPORTING ELEMENTS ARE IN PLACE.
THESE PLANS HAVE BEEN ENGINEERED FOR CONSTRUCTION AT ONE SPECIFIC BUILDING SITE. BUILDER ASSUMES ALL RESPONSIBILITY FOR USE OF THESE PLANS AT ANY OTHER BUILDING SITE.PLANS SHALL NOT BE USED FOR CONSTRUCTION AT ANY OTHER BUILDING SITE WITHOUT SPECIFIC REVIEW BY THE ENGINEER LICENSED IN THAT JURISDICTION.

STRUCTURAL GENERAL NOTES:

SPECIAL INSPECTIONS:

PER THE IBC:
1705.3 – SPECIAL INSPECTION SHALL BE REQUIRED WHEN THE SPECIFIED CONCRETE COMPRESSIVE STRENGTH PER THE APPROVED PLANS IS GREATER THAN 2500 PSI AND WHEN THE FOOTINGS OR TURNDOWNS SUPPORTING WALLS ARE NOT CONTINUOUS.
1705.4 – NO SPECIAL INSPECTION WILL BE REQUIRED BECAUSE WE DO NOT SHOW MASONRY CONSTRUCTION.
1705.5 – WE ARE USING UNBLOCKED ROOF DIAPHRAGMS PER THE SDPWS. THIS IS NOT CONSIDERED HIGH LOAD AND DOES NOT REQUIRE SPECIAL INSPECTION.
1705.12.2 – PERIODIC SPECIAL INSPECTIONS ARE NOT REQUIRED FOR SHEAR WALLS WITH 6 INCH ON CENTER PANEL EDGE NAILING. WHEN THE SHORT PERIOD ACCELERATION, S_{DS}, IS GREATER THAN 0.5 OR THE BUILDING HEIGHT IS GREATER THAN 35 FEET, PERIODIC INSPECTIONS ARE REQUIRED FOR SHEAR WALLS WITH 4 INCH ON CENTER EDGE NAILING OR LESS.

NAIL SIZES

PENNYWEIGHT	TYPE	DIAMETER	LENGTH	PENNYWEIGHT	TYPE	DIAMETER	LENGTH
8d	COMMON	0.131"	2 1/2"	12d	COMMON	0.148"	3 1/4"
8d	BOX	0.113"	2 1/2"	12d	BOX	0.128"	3 1/4"
8d	SINKER	0.113"	2 3/8"	12d	SINKER	0.135"	3 1/8"
8d	GUN	0.113"	2 3/8"	12d	GUN	0.131"	3 1/4"
10d	COMMON	0.148"	3"	16d	COMMON	0.162"	3 1/2"
10d	BOX	0.128"	3"	16d	BOX	0.135"	3 1/2"
10d	SINKER	0.120"	2 7/8"	16d	SINKER	0.148"	3 1/4"
10d	GUN	0.131"	3"				
ALL NAILS TO BE GUN NAILS, UNLESS NOTED OTHERWISE							

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ISSUE DATE

REVISIONS

12'x16' ACCESSORY BUILDING
TYPE OF CONSTRUCTION

JOHN SIEFKEN
NAME

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DARIUS M. SPARKS
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45108
REGISTERED
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10/05/2020
EXPIRES: 10/25/2021

18x24
SHEET SIZE

S-002

FASTENING SCHEDULE 2015 INTERNATIONAL BUILDING CODE TABLE 2304.10.1

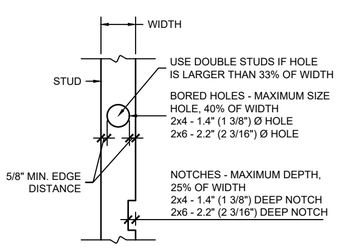
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
ROOF		
1. BLOCKING BETWEEN CEILIING JOISTS, RAFTERS OR TRUSSESS TO TOP PLATE OR OTHER FRAMING BELOW	3-8d COMMON (2 1/2" x 0.131") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL
BLOCKING BETWEEN RAFTERS OR TRUSS NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	2-8d COMMON (2 1/2" x 0.131") 2-3" x 0.131" NAILS 2-3" 14 GAGE STAPLES	EACH END, TOENAIL
	2-16d COMMON (3 1/2" x 0.162") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	END NAIL
FLAT BLOCKING TO TRUSS AND WEB FILLER	2-16d COMMON (3 1/2" x 0.162") 3-3" x 0.131" NAILS @ 6" O.C. 3-3" 14 GAGE STAPLES @ 6" O.C.	FACE NAIL
2. CEILING JOIST TO TOP PLATE	3-8d COMMON (2 1/2" x 0.131") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST, TOENAIL
3. CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS (NO THRUST) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	3-16d COMMON (3 1/2" x 0.162") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
4. CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	PER TABLE 2308.7.3.1	FACE NAIL
5. COLLAR TIE TO RAFTER	3-10d COMMON (3" x 0.148") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
6. RAFTER OR ROOF TRUSS TO TOP PLATE (SEE SECTION 2308.7.5, TABLE 2308.7.3.1	3-10d COMMON (3" x 0.148") 3-16d BOX (3 1/2" x 0.135") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL[c]
7. ROOF RAFTERS TO RIDGE VALLEY OR HIP RAFTERS; OR ROOF RAFTER TO 2-INCH RIDGE BEAM	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END
	3-10d COMMON (3" x 0.148") 3-16d BOX (3 1/2" x 0.135") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
WALL		
8. STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	24" O.C. FACE NAIL
	10d BOX (3" x 0.128") 3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
9. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	16" O.C. FACE NAIL
	16d BOX (3 1/2" x 0.135") 3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
10. BUILT-UP HEADER (2" TO 2" HEADER)	16d COMMON (3 1/2" x 0.162")	16" O.C. EACH EDGE, FACE NAIL
	16d BOX (3 1/2" x 0.135")	12" O.C. EACH EDGE, FACE NAIL

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
11. CONTINUOUS HEADER TO STUD	4-8d COMMON (2 1/2" x 0.131") 4-10d BOX (3" x 0.128")	TOENAIL
12. TOP PLATE TO TOP PLATE	16d COMMON (3 1/2" x 0.162")	16" O.C. FACE NAIL
	10d BOX (3" x 0.128") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
13. TOP PLATE TO TOP PLATE, AT END JOINTS	8-16d COMMON (3 1/2" x 0.162") 12-10d BOX (3" x 0.128") 12-3" x 0.131" NAILS 12-3" 14 GAGE STAPLES, 7/16" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
14. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	16" O.C. FACE NAIL
	16d BOX (3 1/2" x 0.135") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
15. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (AT BRACED WALL PANELS)	2-16d COMMON (3 1/2" x 0.162") 3-16d BOX (3 1/2" x 0.135") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
16. STUD TO TOP OR BOTTOM PLATE	4-8d COMMON (2 1/2" x 0.131") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
17. TOP OR BOTTOM PLATE TO STUD	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
18. TOP PLATES,LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
19. 1" BRACE TO EACH STUD AND PLATE	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128") 2-3" x 0.131" NAILS 2-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
20. 1" x 6" SHEATHING TO EACH BEARING	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128")	FACE NAIL
21. 1" x 8" AND WIDER SHEATHING TO EACH BEARING	3-8d COMMON (2 1/2" x 0.131") 3-10d BOX (3" x 0.128")	FACE NAIL
FLOOR		
22. JOIST TO SILL, TOP PLATE, OR GIRDER	3-8d COMMON (2 1/2" x 0.131") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
23. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL, OR OTHER FRAMING BELOW	8d COMMON (2 1/2" x 0.131") 10d BOX (3" x 0.128") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	6" O.C., TOENAIL
24. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128")	FACE NAIL
25. 2" SUBFLOOR TO JOIST OR GIRDER	2-16d COMMON (3 1/2" x 0.162")	FACE NAIL
26. 2" PLANKS (PLANK AND BEAM-FLOOR & ROOF)	2-16d COMMON (3 1/2" x 0.162")	EACH BEARING, FACE NAIL
27. BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20d COMMON (4" x 0.192")	32" O.C., FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES

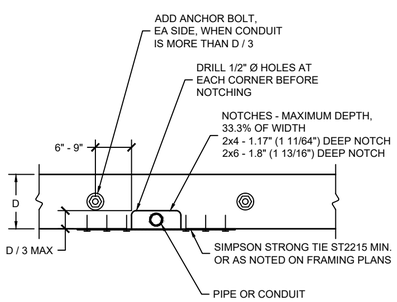
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
27. BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS (CONT.)	10d BOX (2 1/2" x 0.128") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	24" O.C., FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	AND: 2-20d COMMON (4" x 0.192") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	ENDS AND AT EACH SPLICE, FACE NAIL
28. LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	3-16d COMMON (3 1/2" x 0.162") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST OR RAFTER, FACE NAIL
29. JOIST TO BAND JOIST OR RIM JOIST	3-16d COMMON (3 1/2" x 0.162") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
30. BRIDGING OR BLOCKING JOIST, RAFTER OR TRUSS	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128") 2-3" x 0.131" NAILS 2-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL

WOOD STRUCTURAL PANELS,SUBFLOOR,ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING[c]		EDGES	INTERMEDIATE SUPPORTS
31. 3/8" - 1/2"	6d COMMON OR DEFORMED (2" x 0.113") (SUBFLOOR AND WALL)	6"	12"
	8d BOX OR DEFORMED (2 1/2" x 0.113") (ROOF)	6"	12"
	2 3/8" x 0.113" NAIL (SUBFLOOR AND WALL)	6"	12"
	1 3/4" 16 GAGE STAPLE, 7/16" CROWN (SUBFLOOR AND WALL)	4"	8"
	2 3/8" x 0.113" NAIL (ROOF)	4"	8"
	1 3/4" 16 GAGE STAPLE, 7/16" CROWN (ROOF)	3"	6"
32. 19/32" - 3/4"	8d COMMON (2 1/2" x 0.131") 6d DEFORMED (2" x 0.113")	6"	12"
	2 3/8" x 0.113" NAIL 2" 16 GAGE STAPLE, 7/16" CROWN	4"	8"
33. 7/8" - 1 1/4"	10d COMMON (3" x 0.148") 8d DEFORMED (2 1/2" x 0.131")	6"	12"
OTHER EXTERIOR WALL SHEATHING			
34. 1/2" FIBERBOARD SHEATIHNG[c]	1 1/2" GALVANIZED ROOFING NAIL (7/16" HEAD DIAMETER) 1 1/2" 16 GAGE STAPLE WITH 7/16" CROWN OR 1" CROWN	3"	6"
35. 25/32" FIBERBOARD SHEATIHNG[c]	1 3/4" GALVANIZED ROOFING NAIL (7/16" HEAD DIAMETER) 1 1/2" 16 GAGE STAPLE WITH 7/16" CROWN OR 1" CROWN	3"	6"
WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING			
36. 3/4" AND LESS	8d COMMON (2 1/2" x 0.131") 6d DEFORMED (2" x 0.113")	6"	12"
37. 7/8" - 1"	8d COMMON (2 1/2" x 0.131") 8d DEFORMED (2 1/2" x 0.131")	6"	12"
38. 1 1/8" - 1 1/4"	10d COMMON (3" x 0.148") 8d DEFORMED (2 1/2" x 0.131")	6"	12"
PANEL SIDING TO FRAMING			
39. 1/2" AND LESS	6d CORROSION-RESISTANT SIDING (1 5/8" x 0.106") 6d CORROSION-RESISTANT CASING (2" x 0.099")	6"	12"
40. 5/8"	8d CORROSION-RESISTANT SIDING (2 3/8" x 0.128") 8d CORROSION-RESISTANT CASING (2 1/2" x 0.113")	6"	12"
PANEL SIDING TO FRAMING			
41. 1/4"	4d CASING (1 1/2" x 0.080") 4d FINISH (1 1/2" x 0.072")	6"	12"
42. 3/8"	6d CASING (2" x 0.099") 6d FINISH (PANEL SUPPORTS AT 24 INCHES)	6"	12"

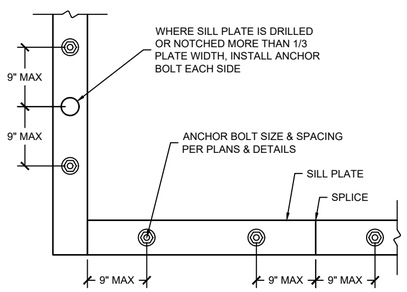
a. NAILS SPACED AT 6 INCHES AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR SHEATHING ARE PERMITTED TO BE COMMON, BOX, OR CASING.
b. SPACING SHALL BE 6 INCHES ON CENTER ON THE EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS. PANEL SUPPORTS AT 16 INCHES. (20 INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).
c. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.



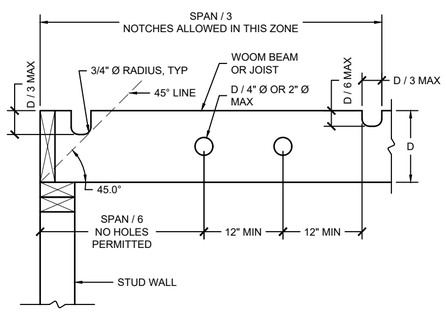
1 S-003 HOLES & NOTCHES IN STUDS
SCALE: NTS



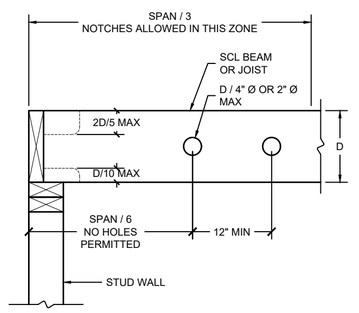
2 S-003 NOTCHES IN SILL PLATES
SCALE: NTS



3 S-003 HOLES & BOLTING IN SILL PLATE
SCALE: NTS



4 S-003 HOLES & NOTCHES IN JOISTS & BEAMS
SCALE: NTS



5 S-003 HOLES & NOTCHES IN SCL JOISTS & BEAMS
SCALE: NTS

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REVISIONS

12'x16' ACCESSORY BUILDING
TYPE OF CONSTRUCTION

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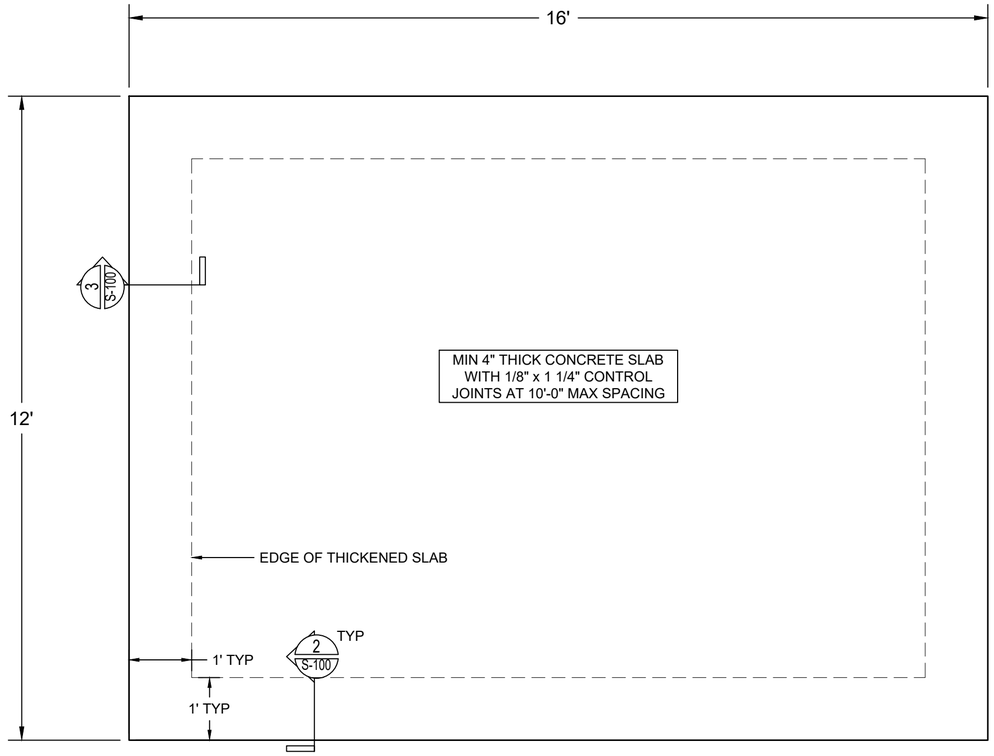
S-003

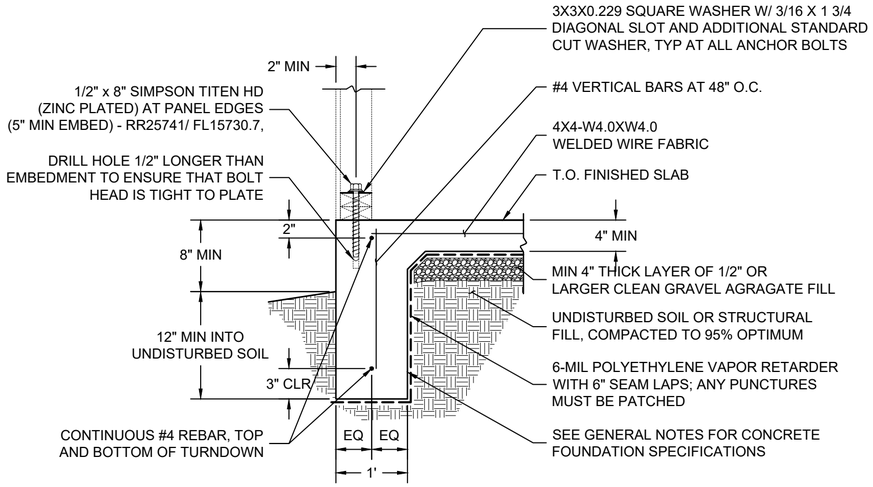


1 S-100 FOUNDATION PLAN
SCALE: 1/2" = 1'-0

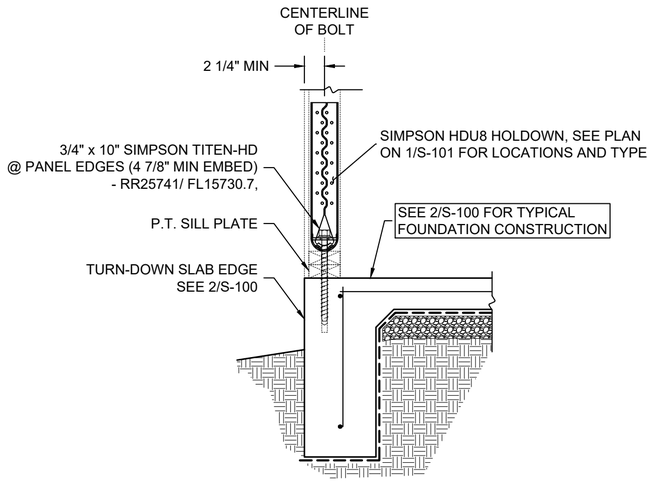
PLAN NOTES:

HOLD-DOWN CONNECTOR BOLTS THROUGH WOOD FRAMING REQUIRE APPROVED PLATE WASHERS; AND HOLD-DOWNS SHALL BE FINGER TIGHT AND 1/2 WRENCH TURN JUST PRIOR TO COVERING THE WALL FRAMING. CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE STEEL PLATE WASHERS ON THE POST ON THE OPPOSITE SIDE OF THE ANCHORAGE DEVICE. PLATE SIZE SHALL BE A MINIMUM OF 0.229 INCH BY 3 INCHES BY 3 INCHES. *(2305.5)*

ALL BOLT HOLES SHALL BE DRILLED 1/32" TO 1/16" OVERSIZED.
(APPLIES ONLY TO HOLES DRILLED THROUGH WOOD MEMBERS.) *(11.1.2.2, 2012 NDS)*



2 S-100 TYP TURNDOWN SECTION
SCALE: 1" = 1'-0



3 S-100 SECTION AT HOLD DOWN
SCALE: 1" = 1'-0

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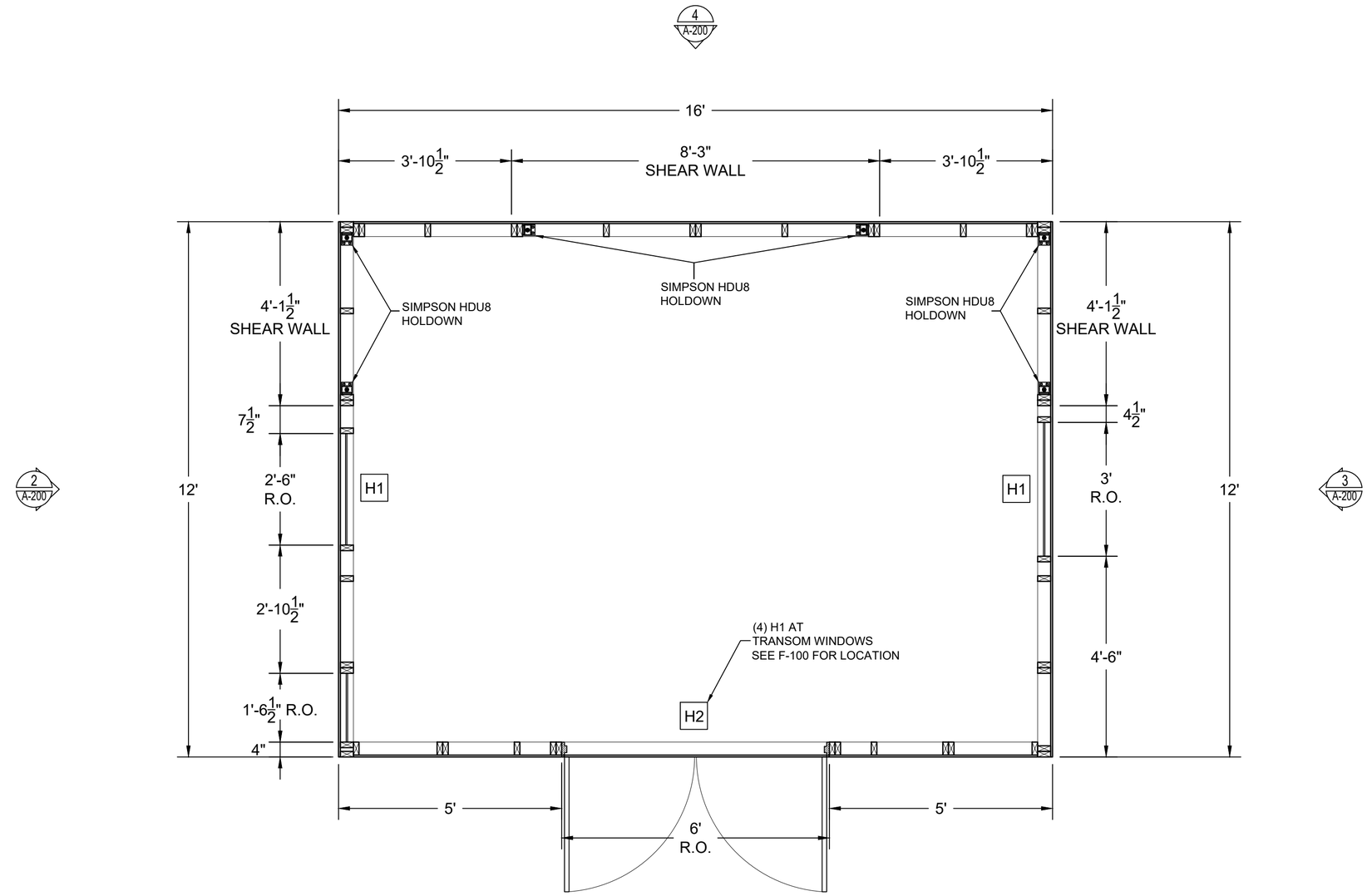


1 S-101 FIRST FLOOR PLAN
SCALE: 1/2" = 1'-0

PLAN NOTES:

PROVIDE LEAD HOLE 40% - 70% OF THREADED SHANK DIAMETER AND FULL DIAMETER FOR SMOOTH SHANK PORTION.

H# HEADER - SEE STRUCTURAL CALCULATIONS FOR ADDITIONAL INFORMATION

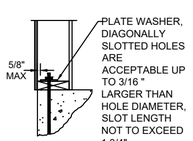
WALL SCHEDULE

MARK	STUDS	SHEATHING	NAILS	PANEL EDGE NAIL SPACING	FIELD NAIL SPACING	BOTTOM PLATE ANCHORS	WASHERS	SEISMIC CAPACITY	WIND CAPACITY	A23 SPACING AT INT WALLS
SHEAR WALLS	2x4 SPF NO.2 @ 24" O.C. MAX	7/16" APA (24/16) EXTERIOR	8d COMMON NAILS (0.131"x2 1/2")	6"	12"	1/2"x8" TITEN-HD @ 48" O.C. WITH CONCRETE	SEE 2/S-100	220 PLF	308 PLF	-
OTHER WALLS	2x4 SPF NO.2 @ 24" O.C. MAX	7/16" APA (24/16) EXTERIOR	8d COMMON NAILS (0.131"x2 1/2")	6"	12"	1/2"x8" TITEN-HD @ 48" O.C. WITH CONCRETE	SEE 2/S-100	-	-	-

TYPICAL FOR ALL SHEAR WALL NAILING:
PER IBC / AWC SDPWS, SHEATHING NAILS SHALL BE DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING. SHEATHING PANEL NAILING NOT CONFORMING TO THIS SECTION WILL NOT BE ACCEPTABLE AND WILL HAVE TO BE REINSTALLED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE NAIL GUNS USED FOR FASTENING ARE SET AT THE PROPER DEPTH AND/OR AIR PRESSURE TO ACHIEVE THE REQUIRED PENETRATION

GENERAL NOTES:
1. ALL FRAMING TO BE 2X4 O.C MAX, UNLESS NOTED OTHERWISE. AT FRONT, ALL FULL HEIGHT STUDS TO BE LVL.
2. 3" SCREWS @ 12" O.C. INTO STUDS BETWEEN WALL PANEL JOINTS
3. 3" SCREWS INTO STUDS BETWEEN SHEAR WALL PANEL JOINTS, MATCH SHEAR WALL PANEL EDGE NAIL SPACING.
4. OSB (P.W.) (ZIP) SHEATHING MUST CONTINUE TO THE DOUBLE TOP PLATE
5. ONE TRIM STUD AND ONE KING STUD TYPICAL AT ALL HEADERS, UNO
6. SEE SHEET 1/S-101 FOR HOLDOWN TYPE AND LOCATION
7. NUMBER OF STUDS AT EACH END OF SHEAR WALLS IS CALLED OUT ON PLAN, UNO
8. NO PENETRATIONS GREATER THAN 12"x12" IN SHEAR WALLS, BLOCK AND NAIL ALL EDGES. CUT SHEATHING INTO "L" AND "T" SHAPES AROUND OPENINGS IN NON-SHEAR WALLS.
9. ALL EDGES IN SHEARS WALLS TO BE BLOCKED WITH 2x MEMBERS
10. ALL WALLS HAVE (2) 2x TOP PLATES AND (2) 2x BOTTOM PLATE EQUAL TO WIDTH OF STUD SIZE, TYP UNO
11. SEE DETAILS ON S-300 FOR ATTACHMENT OF DIAPHRAGMS TO SHEAR WALL PLATES, TYPICAL
12. NAIL WALL SHEATHING WITH MINIMUM 8D COMMON, 10D GUN, OR 10D BOX AS INDICATED IN THE WALL SCHEDULE
13. MINIMUM (3) 8D NAILS PER STUD
14. SHEATHE ALL EXTERIOR WALLS. SHEATHE INTERIOR WALLS AS DESIGNATED ON THE DRAWINGS
15. TYPE 6 WALLS REQUIRE SOLID 3x EDGE MEMBERS OR (2) 2x EDGE MEMBERS ATTACHED WITH 10d NAILS AT 2" O.C. STAGGERED ALONG HEIGHT OF STUDS

0.229"x3" SQ PLATE WASHER DETAIL



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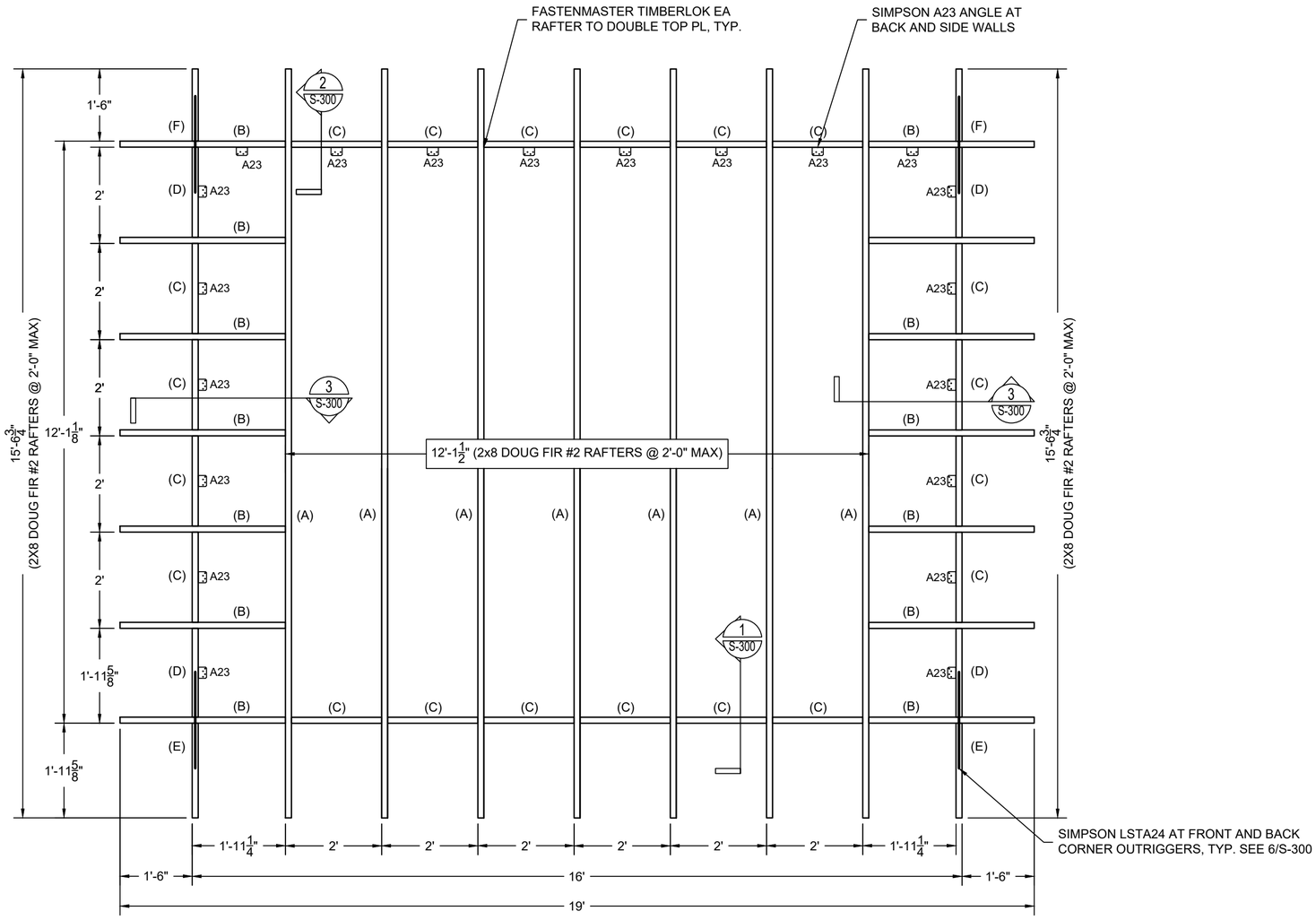
18x24
SHEET SIZE

S-101



1 S-102 ROOF FRAMING PLAN
SCALE: 1/2" = 1'-0

ROOF DIAPHRAGM:

TABLE 4.2C (UNBLOCKED WOOD STRUCTURAL PANEL DIAPHRAGMS)

19/32" SHEATHING AND SINGLE-FLOOR W/ 8d COMMON (0.131x2.5) OVER 2x FRAMING MEMEBERS OF SG = 0.5 (DOUG FIR OR LVL)

ASD

		SEISMIC	WIND
(STRONG)	CASE 1	240 PLF	335 PLF
(WEAK)	CASE 3	180 PLF	253 PLF

PLAN NOTES:

ALL DIAPHRAGM AND SHEAR WALL NAILING SHALL UTILIZE COMMON NAILS OR GALVANIZED BOX NAILS. SEE GENERAL NOTES AND WALL SCHEDULE FOR ATTACHMENT.

KEY:
- (A) - 2x8 DOUG FIR #2 RAFTER
- (B) - 2x8 DOUG FIR #2 SIDE OUTLOOK
- (C) - 2x8 DOUG FIR #2 BLOCKING
- (D) - 2x8 DOUG FIR #2 BLOCKING
- (E) - 2x8 DOUG FIR #2 FRONT OUTLOOK
- (F) - 2x8 DOUG FIR #2 BACK OUTLOOK

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REVISIONS

12'x16' ACCESSORY BUILDING
TYPE OF CONSTRUCTION

JOHN SIEFKEN
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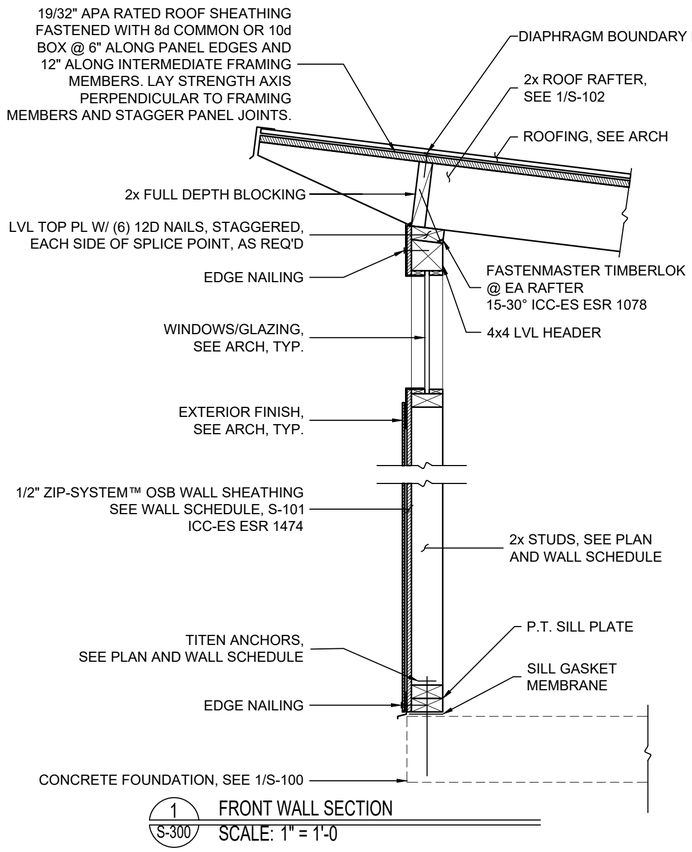
5060 88TH AVE.SE
MERCER ISLAND, WA 98040
ADDRESS

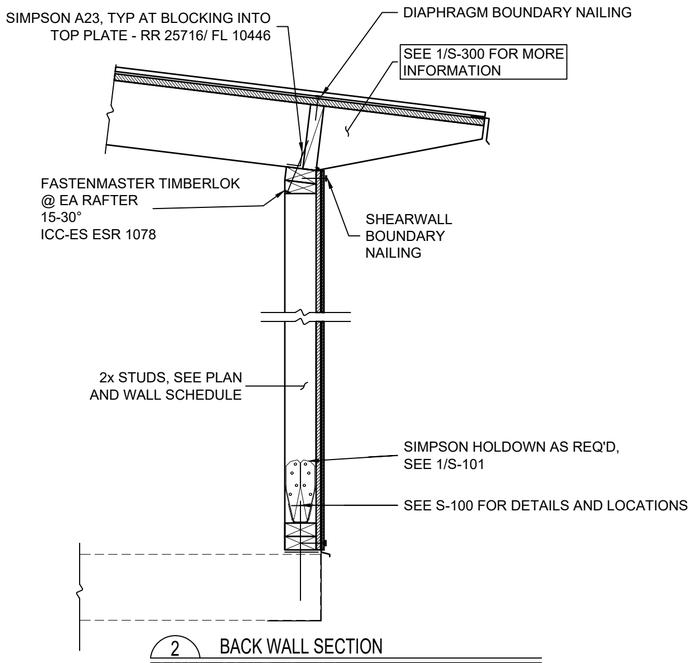
DARRIN M. PARKS
STATE OF WASHINGTON
45108
REGISTERED PROFESSIONAL ENGINEER
10/05/2020
EXPIRES: 10/25/2021

18x24
SHEET SIZE

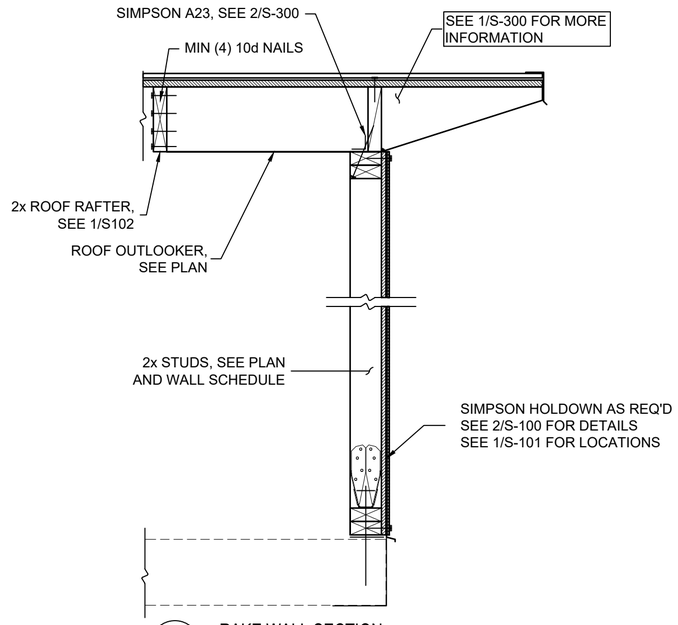
S-102



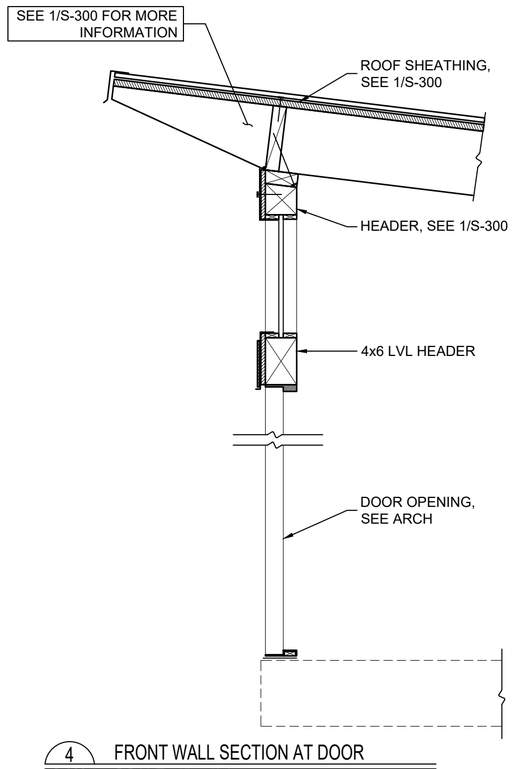
1 S-300 FRONT WALL SECTION
SCALE: 1" = 1'-0



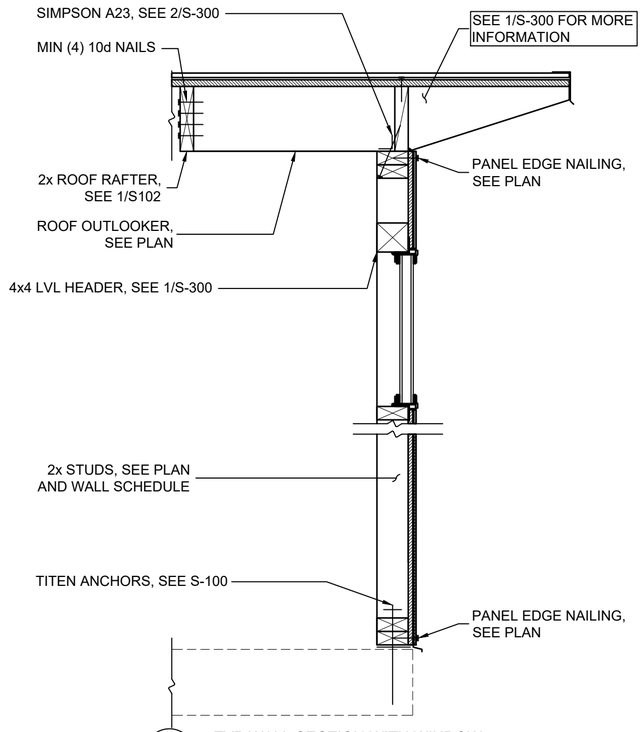
2 S-300 BACK WALL SECTION
SCALE: 1" = 1'-0



3 S-300 RAKE WALL SECTION
SCALE: 1" = 1'-0



4 S-300 FRONT WALL SECTION AT DOOR
SCALE: 1" = 1'-0



5 S-300 TYP WALL SECTION WITH WINDOW
SCALE: 1" = 1'-0

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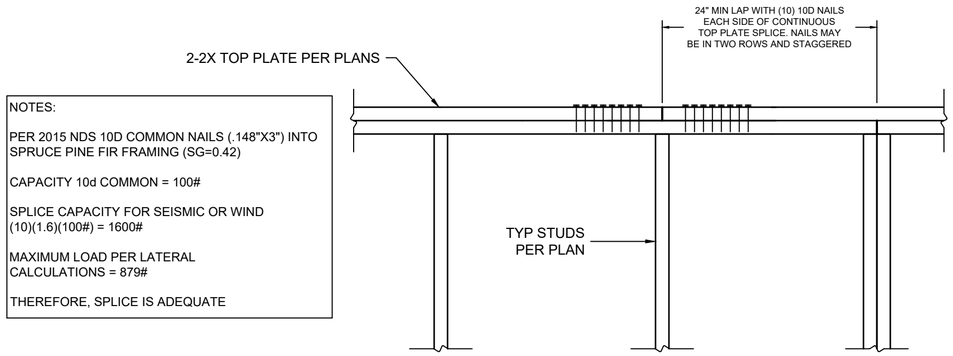
S-300



NOTES:

PER 2015 NDS 10D COMMON NAILS (.148"X3") INTO SPRUCE PINE FIR FRAMING (SG=0.42)

CAPACITY 10d COMMON = 100#

SPLICE CAPACITY FOR SEISMIC OR WIND
(10)(1.6)(100#) = 1600#

MAXIMUM LOAD PER LATERAL
CALCULATIONS = 879#

THEREFORE, SPLICE IS ADEQUATE

2 / S-301 TYP TOP PLATE SPLICE
SCALE: 1" = 1'-0

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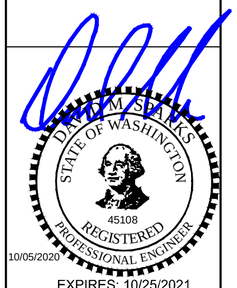

10/05/2020
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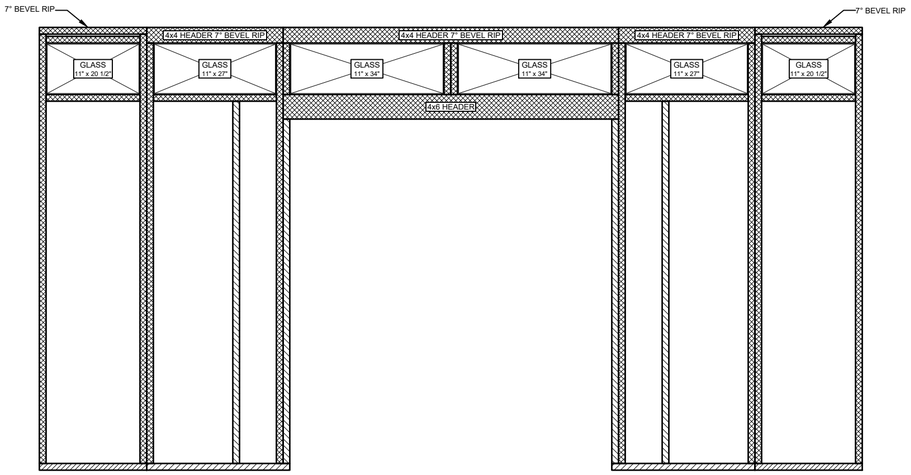
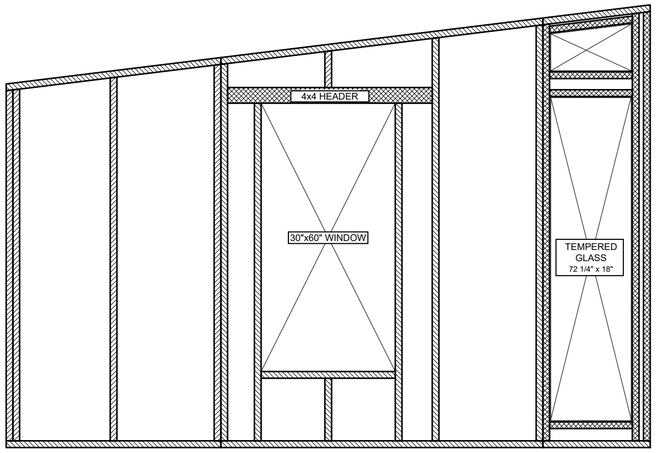
18x24
SHEET SIZE

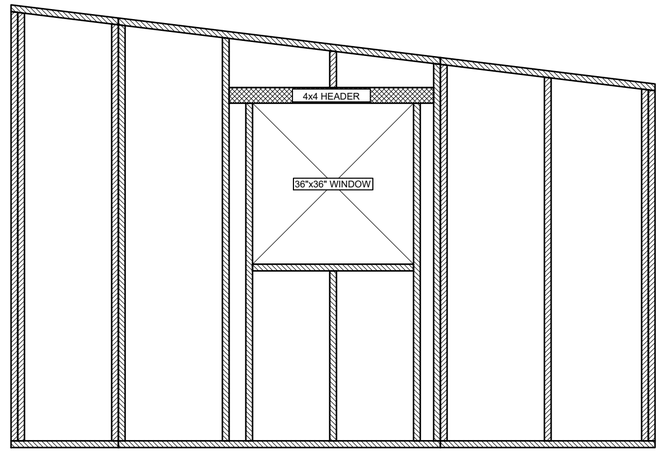
S-301



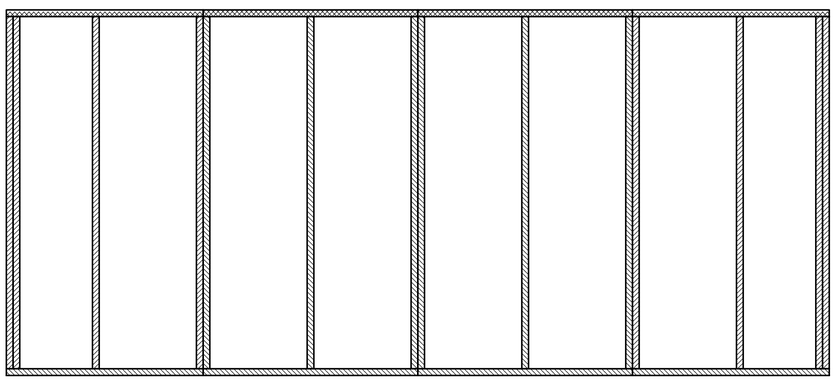
1 F-100 FRONT FRAMING ELEVATION
SCALE: 1/2" = 1'-0



2 F-100 LEFT FRAMING ELEVATION
SCALE: 1/2" = 1'-0



3 F-100 RIGHT FRAMING ELEVATION
SCALE: 1/2" = 1'-0



4 F-100 BACK FRAMING ELEVATION
SCALE: 1/2" = 1'-0

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