4533 90th Ave SE

Mercer Island, WA - XXXXX

FLOOR PLAN GENERAL NOTES

ABBREVIATIONS

Pound OR Number

ELEC Electrical

APPLIES FULL SET

GENERAL INFORMATION

GENERAL

- A. ALL ANGLED WALLS (OTHER THAN 90°) SHALL BE CONSTRUCTED AS NOTED BY ANGLE (DEGREES) CALLOUT OR CONFIGURED AS DIMENSIONED. (UNO.)
- B. ALL DIMENSIONS AT WALLS ARE TO THE FACE OF FRAMING STUDS.C. ALL EXTERIOR WALLS ENCLOSING CONDITIONED
- SPACE SHALL BE ADVANCED FRAMING w/2x6 STUDS at 16" OC. and INTERIOR WALLS TO BE 2x4 STUDS at 16" OC. per IRC. R6O2.3.2 (UNO.)
- D. ALL DIMENSIONS AT WINDOWS ARE TO THE CENTERLINE
- E. WINDOW SIZES NOTED ON PLANS ARE NOMINAL SO CONTRACTOR MUST VERIFY EXACT ROUGH OPENINGS PRIOR TO FRAMING. WINDOW and DOOR HEAD HEIGHTS SHOULD BE COORDINATED SO THAT ALL WINDOW and DOOR TRIMS ALIGN.
- F. PROVIDE WEATHER PROTECTION SYSTEM
 W/WATER-RESISTIVE BARRIERS IN COMBINATION
 W/FLASHINGS at EXT. WALLS, OPENINGS,
 PROJECTIONS, PENETRATIONS and INTERSECTIONS TO
 LOCK OUT ALL MOISTURE per IRC. R703.1-703.4
- G. TILE INSTALLATION SHALL COMPLY WAPPLICABLE SECTIONS OF THE TILE COUNCIL OF AMERICA'S "HANDBOOK FOR CERAMIC TILE INSTALLATION" and ITS REFERENCED STANDARDS including IRC. R702.4.1
- H. ALL COUNTERS, TUB DECKS & WALLS AT TUBS & SHOWERS SHALL HAVE SMOOTH, HARD, NON-ABSORBENT SURFACE O/CEMENTITIOUS BACKER BOARD and MOISTURE RESISTANT UNDERLAYMENT per IRC. R702.4.2 UNDERLAYMENT AT TUB & SHOWER WALLS SHALL BE TO A HEIGHT OF +72" MIN. ABOVE DRAIN INLET per IRC. R307.2
- ALL SHOWERS TO COMPLY w/IRC. P2708.1 through P2708.5 ALL SHOWER RECEPTORS TO COMPLY w/IRC. P2709.1 through P2709.4
- J. CALCULATIONS and DETAILS FOR MOUNTING HEIGHTS & CONNECTION OF METAL GUARDRAILS (IF USED) SHALL BE PROVIDED FOR REVIEW and APPROVAL BY RAILING FABRICATOR PRIOR TO INSTALLATION FOR COMPLIANCE W/IRC R3II & R3I2
- K. ALL REQUIREMENTS FOR BUILDING ENVELOPE TO COMPLY WITH THE 2018 WASHINGTON STATE ENERGY CODE (WSEC). SEE REQ'D ENERGY CREDITS ON THIS SHEET ALONG W/ ENI FOR PRESCRIPTIVE REQUIREMENTS and COMPLIANCE NOTES FOR SINGLE FAMILY RESIDENTIAL IN CLIMATE ZONE 5 and MARINE
- L. WSEC COMPLIANCE CERTIFICATE REQUIRED WITHIN 3' OF ELECTRICAL PANEL.
- M. EXHAUST FANS LARGER THAN 50cfm. MAY BE CONNECTED TO 4" SMOOTH WALL VENT PIPE IF RUNS DO NOT EXCEED 20' IN LENGTH, THE MINIMUM SIZE OF FLEX DUCT IS 5" DIAMETER WITH MAXIMUM RUN OF 15'.
- N. COMBUSTION AIR REQUIRED FOR ALL FUEL BURNING APPLIANCES. ALL INGITION SOURCES TO BE min. 18"
 ABV. GARAGE FLOOR per IRC. MI307.3
- O. PROVIDE FIREBLOCKING TO CUT OFF DRAFT OPENINGS AT LOCATIONS W/MATERIALS PER IRC. R302.II PROVIDE DRAFTSTOPPING AT FLOOR/CEILING ASSEMBLIES PER IRC. R302.I2
- P. ALL WASTE PLUMBING DROPS TO BE ON INTERIOR WALLS OF FURRED OUT EXTERIOR WALLS.
- Q. PROVIDE ACOUSTICAL PIPE WRAP AT ALL UPPER LEVEL WASTE LINES
- R. ALL OPENINGS MADE IN WALLS, FLOORS OF CEILINGS FOR THE PASSAGE OF PIPES, STRAINER PLATES ON DRAIN INLETS, TUB WASTE OPENINGS TO CRAWLSPACE AND METER BOXES TO COMPLY W/THE CODE REQUIREMENTS OF THE GOVERNING UPC.
- S. ENTRY STEPS SHALL HAVE SUFFICIENT GRADE BUILT UP AROUND THEM SO THE NUMBER OF STAIR RISERS DOES NOT EXCEED 3, W/MAX. RISER HEIGHT OF 72 NOT REQUIRING A HANDRAIL per IRC. R311.7.8
- T. ALL EXTERIOR HOSE BIBS TO HAVE

 NON-REMOVABLE VACUUM BREAKERS, MUST BE

 FROSTPROOF and BE CAULKED and SECURED AT

 EXT. WALLS.
- U. INTERIOR CEILING HEIGHTS ARE AS FOLLOWS;

 MAIN FLOOR IO'-O" (U.N.O.)

 UPPER FLOOR 9'-I 1/8" (U.N.O.)

SAFETY GLAZING

SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS AS REQUIRED BY THIS SECTION SHALL HAVE MFGR'S DESIGNATION W/TYPE, THICKNESS and SAFETY GLAZING STANDARD with WHICH IT COMPLIES MARKED BY PERMANENT MEANS THAT CANNOT BE REMOVED WITHOUT DESTROYING GLASS per IRC. R308.1

IRC. R308.4 REQUIRES THAT SAFETY GLAZING TO BE INSTALLED IN ALL HARARDOUS LOCATIONS PER DEFINED REQUIREMENTS and EXCEPTIONS SPECIFIED IN IRC. R308.4.1 through R308.4.7

- I. GLAZING IN DOORS.
- GLAZING ADJACENT TO DOORS.

 GLAZING IN WINDOWS MEETING ALL (4) CONDITION
- 3. GLAZING IN WINDOWS MEETING <u>ALL (4)</u> CONDITIONS LISTED.
- 4. GLAZING IN GUARDS and RAILINGS
- 5. GLAZING IN and NEAR WET SURFACES.6. GLAZING ADJACENT TO STAIRS and RAMPS
- 7. GLAZING ADJACENT TO THE BOTTOM STAIR LANDING.

SKYLIGHTS and SLOPED GLAZING SHALL COMPLY with THE MATERIALS and REQUIREMENTS OF IRC. R308.6.1 through R308.6.9

EGRESS WINDOWS

WINDOWS PROVIDING EMERGENCY ESCAPE and RESCUE OPENING REQUIRED AT BASEMENTS, HABITABLE ATTICS and ALL SLEEPING ROOMS <u>and</u> SHALL OPEN DIRECTLY INTO A PUBLIC WAY or YARD TO SAME per IRC. R310.1

- WINDOW CANNOT REQUIRE KEYS, TOOLS OR SPECIAL KNOWLEDGE TO OPEN per IRC. 310.1.1
 MUST HAVE AN OPENING AREA OF NOT LESS THAN 5.7 Sq.Ft. with 20" min. WIDTH and 24" min. HEIGHT per IRC.
- MUST HAVE A SILL HEIGHT OF NOT MORE THAN 44" ABV. FLOOR per IRC. R310.2.2
 GUARDS MUST BE PROVIDED AS WINDOW FALL PROTECTION AT LOW WINDOWS LOCATED GREATER

THAN 72" ABV. FINISHED GRADE per IRC. R312.2 STAIRS and HANDRAILS

STAIRWAYS PROVIDING EGRESS FROM HABITABLE LEVELS NOT PROVIDED W/EGRESS DOOR per IRC. R311.2 SHALL MEET THE REQUIREMENTS and EXCEPTIONS OF IRC. R311.7.1 through R311.7.9 INCLUDING:

- SHALL PROVIDE A MIN. CLEAR WIDTH OF 36" ABOVE HANDRAIL W/MAX. HANDRAIL PROJECTION INTO STAIRWAY OF $4^{\rm l}_2$ " ON EITHER SIDE per R311.7.1
- SHALL PROVIDE A MIN. HEADROOM OF 6'-8"
 MEASURED VERTICALLY FROM THE NOSE OF TREADS
 or LANDINGS per R311.7.2
- SHALL NOT HAVE A VERTICAL RISE GREATER THAN
- I47" BTWN. FLOOR LEVELS or LANDINGS per R311.7.3
 SHALL MEET THE WALKLINE REQUIREMENTS AT WINDER TREADS per R311.7.4
- SHALL HAVE A MAX. RISER HEIGHT OF T²/₄" and HAVE A MIN. TREAD DEPTH OF 10" THE GREATEST DIMENSION OF ANY RISER OF TREAD MUST NOT EXCEED THE SMALLEST DIMENSION BY MORE THAN ²/₈". TREADS LESS THAN II" SHALL MEET NOSING REQUIREMENTS. THE OPENINGS AT OPEN RISERS SHALL NOT PERMIT THE PASSAGE OF A 4"Φ SPHERE per R3II.5.I through R3II.5.4
- LANDINGS AT TOP and BOTTOM OF STAIRS SHALL MEET THE REQUIREMENTS OF R311.7.6
- THE WALKING SURFACE OF TREADS and LANDINGS SHALL NOT BE SLOPED MORE THAN 2% PER R311.7.7
- HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH CONTINUOUS RUN OF TREADS w/(4) or MORE RISERS. THE TOP OF HANDRAIL SHALL BE 34-38" ABV. LINE CONNECTING NOSINGS, HAVE MIN. 1½ SPACE BETWN. RAIL and WALL, HANDRAIL MUST RUN CONTINUOUS FOR FULL LENGTH OF EACH FLIGHT and MEET APPROVED GRIP-SIZE per IRC. R311.7.8
- SHALL BE PROVIDED w/ILLUMINATION per IRC. R303.7 at INTERIOR STAIRWAYS and R303.8 at EXTERIOR STAIRWAYS.

GUARDS

GUARDS SHALL BE PROVIDED IN ACCORDANCE W/REQUIREMENTS and EXCEPTIONS OF IRC. R312.1 through R312.2 INCLUDING:

- ALONG OPEN-SIDED WALKING SURFACES, INCLUDING STAIRS, RAMPS and LANDINGS LOCATED 30" or GREATER ABOVE ADJACENT FLOOR LEVEL per IRC. 31211
- OPENINGS MUST PREVENT THE PASSAGE OF A 4"
 SPHERE or 4g" AT OPEN SIDES OF STAIRS or 6" AT
 TRIANGLE OF TREAD, RISER & BOTTOM RAIL per
 R312.1.3
- GUARDS MUST BE PROVIDED AS MINDOW FALL PROTECTION AT LOW MINDOWS LOCATED GREATER THAN 72" ABV. FINISHED GRADE per IRC. R312.2

 GUARDS and HANDRAILS MUST RESIST A SINGLE CONCENTRATED LOAD OF 2001bs. IN ANY DIRECTION ALONG THE TOP and GUARD INFILL MUST RESIST A 501b. LOAD APPLIED HORIZ. OVER I Sq.Ft. per IRC. TABLE

ALARMS

SMOKE ALARMS and CARBON MONOXIDE ALARMS REQUIRED IN ALL NEW DWELLINGS SHALL MEET REQUIREMENTS and EXCEPTIONS OF NFPA 72, IRC. R314 and R315.

- SMOKE ALARMS TO BE LISTED and INSTALLED IN ACCORDANCE w/IRC. R314.I.I and CARBON MONOXIDE ALARMS IN ACCORDANCE w/IRC. 315.I.I
- SMOKE ALARMS SHALL BE INSTALLED IN FOLLOWING LOCATIONS per R314.3:
- I. IN EACH SLEEPING ROOM.
- OUTSIDE EACH SEPARTE SLEEPING AREA.
 ON EACH STORY OF THE DWELLING.
- 4. NOT LESS THAN 3' FROM A BATHROOM W/TUB or SHOWER.
- 5. NOT NEAR COOKING APPLIANCES per R314.3.1• SMOKE ALARMS SHALL BE INTERCONNECTED per
- R314.4

 CARBON MONOXIDE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS per R315.3:
- ON EACH STORY OF THE DWELLING
 ADJACENT TO EACH SEPARATE SLEEPING AREA.
 WITHIN BEDROOMS WHERE A FUEL BURNING
- ATTACHED BATH.

 ALL ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM BUILDING WIRING W/BATTERY BACKUP per R314.6 and R315.5

FIREPLACE IS LOCATED IN THE ROOM or ITS

 COMBINATION SMOKE and CARBON MONOXIDE
 LOCAL JURISDICTION REQUIRES DWELLING UNIT FIRE SPRINKLER SYSTEM PER IRC APPENDIX R
 LOCAL JURISDICTION DOES NOT REQUIRE DWELLING UNIT FIRE SPRINKLER SYSTEM PER IRC APPENDIX R ALARMS SHALL BE PERMITTED IN LIEU OF SEPARATE ALARMS per R314.5 and R315..4
FIRE PROTECTION

And ELEV Elevation MDO Medium Density SPECSpecification EQ Equal Overlay Square EW Each Way SQ IN Square inches A/C Air Conditioner EXC Excavate MED Medium SQFT Square feet AB Anchor Bolt FXH Exhaust MFMB Membrane ABV Above STC Sound Transmission AD Area Drain EXIST Existing MFR Manufacturer Coefficient EXT Exterior MIN Minimum STD Standard **ADDL** Additional FBD Fiberboard MIR Mirror ADH Adhesive FCB Fiber Cement B MISC Miscellaneous STR Structural ADJ Adjustable FCO Floor clean out MLB Micro Laminate Beam STRUCT Structure or AFF Above Finish Floor FD Floor drain AGG Aggregate MMB Membrane Structural FIN Finish MTL Metal Square yard ALT Alternate FIXT Fixture MWK Millwork FLOR Fluorescent T&G Tongue and Groove ANC Anchor FLR Floor TEL Telephone APX Approximate FLSH Flashing NO Number TEMP Tempered AUTO FND Foundation NOM Nominal TK Tight Knot TME To Match Existing AVR Average FO Face Of NTS Not to Scale AWG American Wire Gauge FOC Face of Concrete Non-Operable WindowTO Top Of FOM Face of Masonry TOB Top of Beam AWN Awnina TOC Top of curb/ Top of FOS Face of Studs OBS Obscure B/O By Others OC On Center FOW Face of Wall Concrete FPL Fireplace OD Outside Diameter TOF Top of footing BLDGBuilding FRM Frame(ing) TOJ Top of joist OH Overhang BLKGBlocking FRPF Fireproof TOW Top of wall BLW Below Toilet Paper Hanger OPG Opening FT Foot TYP Typical OPNG Opening or FTG Footing BOF Bottom of FUR Furred Rough Opening UNO Unless Noted GA Gauge OSB Orientated Strand BOW Bottom of wall **GALV** Galvanized BR Bedroom PBD Particle Board GFCI Ground Fault Circuit VERT Vertical BSMTBasement PBF Prefabricated VIF Verify in field BTW Between Interrupt PERFPerforate(d) GFI Ground Fault W/ With CAB Cabinet Interrupt Property Line W/O Without PLAM Plastic Laminate WC Toilet (water closet) CAS Casement GLB Glue Laminated BeamPLT Plate CB Catch Basin GLBK Glass Block WDW Window GWB Gypsum Wall Board PNT Paint or Painted CC Center to Center WH Water Heater CIP cast-in-place GYP Gypsum PSF Pounds Per Square WIC Walk-In Closet HB Hose Bib CJ Control Joint WP Water Proofing HC Hollow Core CL Centerline WP Weatherproof HDR Header CLG Ceiling WR Weather Resistant CLR Clear HDWR Hardware Pressure Treated WRB Weather Resistive HT Height PVC Polyvinyl Chloride CMU Concrete Masonry HVAC Heat-Vent-Air PVMTPavement WWF Welded Wire Fabric Conditioning Operable Window HW Hot water R&S Rod and Shelf COL Column ID Inside Diameter RC Reinforced Concrete CONC Concrete CONTContinuous ILO In Lieu Of RD Roof Drain IN Inch INCL Include RDL Roof drain leader CT Ceramic Tile CTYD Courtyard INS Insulate(tion) REBAR Reinforcing Bar RFFR Ref Cubic Feet INSUL Insulation REG Register CU YD Cubic Yard INT Interior **RENFReinforced** DBL Double J-Box Junction box **REQ** Required DEMO Demolish or JNT Joint JST Joist REQDRequired KD Kiln Dried REV Revision DH Double Hung DIA Diameter RFG Roofing KIT Kitchen RM Room DIM Dimension LAM Laminate(d) RO Rough Ope ROW Right of way LB Pound SA Supply Air Lineal Feet SCH Schedule DRWR Drawer Live Load DS Downspout

Smoke detector

SGD Sliding Glass Door

COVER SHEE

SECT Section

SHTHSheathing

SIM Similar

SIM Similar

SH Shelf

MC Medicine Cabinet

SHEET INDEX

SHEET#	DESCRIPTION
A1	COVERSHEET
A2	SITE PLAN
A3	FOUNDATION PLAN
A4	MAIN FLOOR FRAMING PLAN
A5	MAIN FLOOR PLAN
A6	UPPER FLOOR FRAMING PLAN
A7	UPPER FLOOR PLAN
A8	ROOF FRAMING PLAN
A9	ROOF PLAN
A10	EXTERIOR ELEVATIONS
A11	EXTERIOR ELEVATIONS
A12	BUILDING SECTIONS
S0.0	LATERAL - STRUCTURAL GENERAL NOTES
LB-1	LATERAL - DETAILS
LB-2	LATERAL - DETAILS
SD.01	FOUNDATION DETAILS
D1	WATER INTRUSION DETAILS
E1	MAIN FLOOR ELECTRICAL LAYOUT
E2	UPPER FLOOR ELECTRICAL LAYOUT
-	

2018 ENERGY CODE CALCULATIONS

BUILDING CODES FOR THIS SET

LTG Lighting

LVR Louver

MAS Masonry

MAX Maximum

MBR Member

Lumber

LVL Laminated Veneer

DT Drain Tile

DW Dishwasher

EF Exhaust fan

EJ Expansion Joint

DWG Drawing

EL Elevation

EA Each

CITY OF MERCER ISLAND CODES AT THE DATE OF THIS DRAWING SET:

2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL RESIDENTIAL CODE (IRC)
2018 WASHINGTON STATE ENERGY CODES
2009 ICC A117.1, BARRIER-FREE STANDARD
2018 INTERNATIONAL FIRE CODE (IFC)
2018 NATIONAL ELECTRIC CODE (NEC)
2018 UNIFORM PLUMBING CODE (UPC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2015 INTERNATIONAL FUEL GAS CODE (IFGC)
2015 POOL AND SPA CODE

PROJECT TEAM

ARCHITECTURAL DESIGN -JAYMARCH HOMES

ARCHITECTURAL DRAFTING

JAYMARC HOMES - 425.226.9100 - JAYMARCHOMES.COM

RYAN REDMAN - RYAN@JAYMARCHOMES.COM

M&K ENGINEERING MULHERN & KULP - 215.646.8001 - MULHERNKULP.COM RICHARD ZABEL - RZABEL@MULHERNKULP.COM

SQUARE FOOTAGE SUMMARY

MAIN FLOOR AREA	1,548 S.F.
A.D.U MAIN FLR. AREA	. 433 S.F.
GARAGE UPPER FL <i>OO</i> R AREA	438 S.F. 2, <i>0</i> 71 S.F.
OFFER FEOOR AREA	
TOTAL AREA	4,490 S.F.
COV'D PATIO	259 S.F.
COV'D PORCH	40 S.F.
TOTAL AREA UNDER ROOF	4,789 S.F.
OVERALL WIDTH	א וו-יוד". א וו-יוד"
OVERALL DEPTH	44'-1 1/2"
Updated : 03/09/2018	
Method for Calculating Square Footage - ANS distinction of 'above-grade or belon-grade' are outside of studs not the exteri	as <u>and</u> each level is measured to the

See Sheet "CODES" for additional Zoning required Area Calculations

JAYMARC H O M E S

> 7525 SE 24th St., 487 Mercer Island. WA

> > 98040

425.266.9100

✓ Issue Issue Date By Description
✓ ○1.20.22

S.K. REVISIONS

· · ·

4533 90th Ave S Mercer Island, V

plan name: -marketing name: XXXXXX
plan number:

mark sys. number:--

Conditions not specifically represented graphically or in writing or which conflict with the current International Residential Code (IRC.) or those of the local municipality then the current standards and requirements of each respectively shall govern.

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OI.2I.22
Submittal Date

Sheet Title/Description

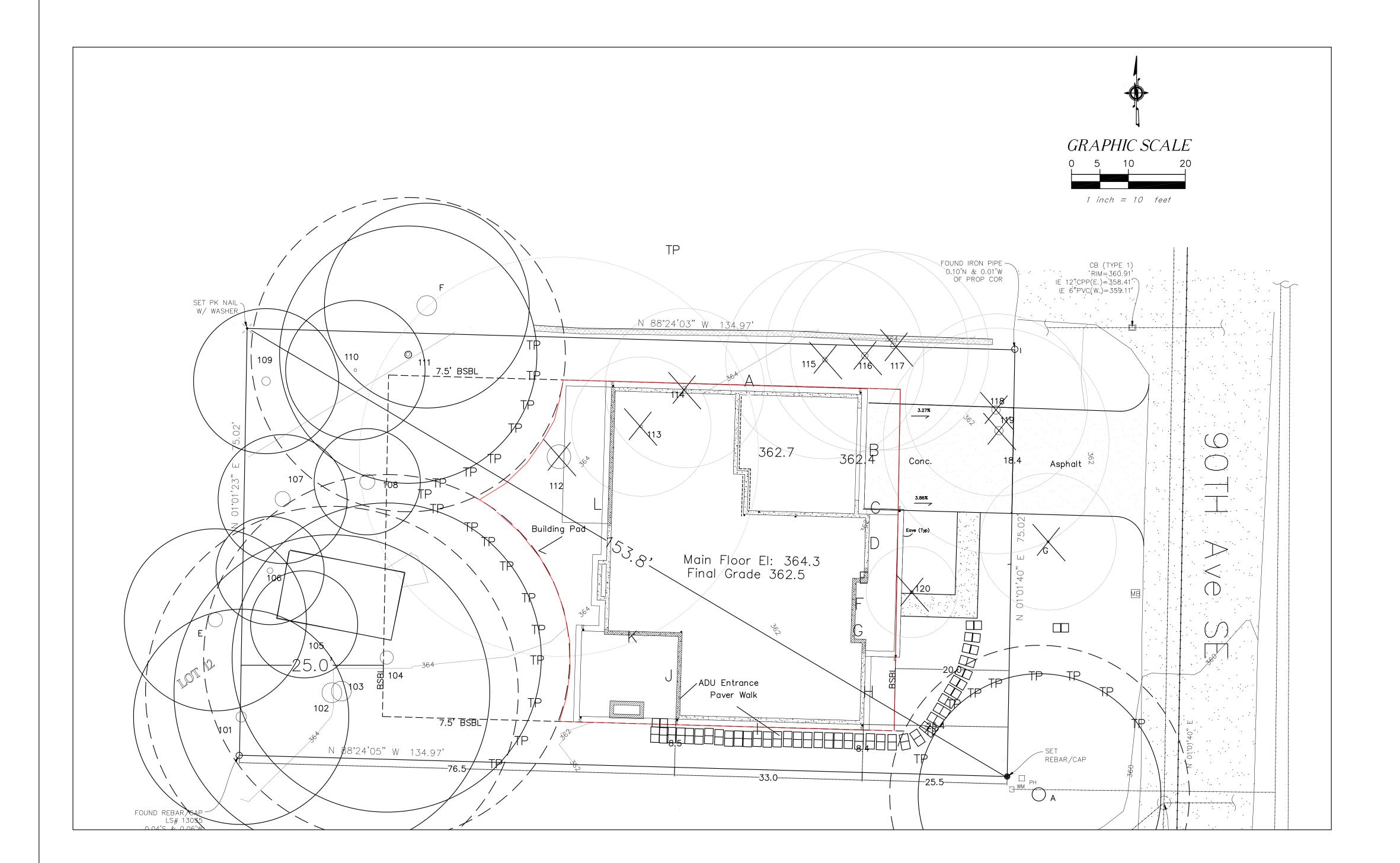
JAYMARC HOMES

Design Firm

Drawn by:

R.R./ S.K. Checked by:





Lot Slope Calculat	ions	
High Point	367.1	ft
Low Point	360.1	ft

Elevation Difference

Distance

Slope%

7 ft 153 ft

4.60%

LOT COVERAGE	
Lot Area	10,125
Allowed	40%
Allowed sf	4,050
New	
Main Structure Roof Area	2,796
Driveway	450
Cov'd Patio or Deck -	226
New sf	3,472
Existing	
Existing	324
Existing Removed	(324)
Net Existing	-
Total	
Total New and Existing	3,472
%	34.3%

		Gross Floor Area	
	10,125	Main Floor Living	1,548 s
	40%	Garage	438 s
	4,050	ADU	433 s
		Second Floor	2,139 s ⁻
of Area	2,796	Less Stairs	(68) s
	450		
k -	226	Total	4,490 s ⁻
	3,472	Max Allowed: 40% + ADU 433	4,490 s ⁻
		Allowed %	44.3%
	324	Proposed %	44.3%
	(324)	•	

PARKING					
Covered	2 ea				
Driveway	2 ea.				

PROPERTY OWNER
Jay Mezastrano
STREET ADDRESS
4531 90th Ave SE, Mercer Island, WA 98040
PARCEL#
191100190
LEGAL DESCRIPTION
Lot 6 Block 3, Allview Heights Addition to Seattle, Vol. 16, P 20
<u>ZONE: R-9.6</u>
<u>SETBACKS:</u>
Front Yard - 20'
Rear Yard - 25'
Sides Yards 5/15
HEIGHT LIMIT; 30' above ABE to roof peak
MAXIMUM LOT COVERAGE: 40%
MAXIMUM HARDSCAPE: 9%
MAXIIUM FAR: 40% + ADU
PARKING SPACES PROVIDED: 2 GARAGE 2 DRIVEWAY
NO CRITICAL AREAS IMPACETED
NO ONSITE EASEMENTS

4531 90TH Ave SE TREE INVENTORY

Tree ID	species	DBH	DRIP	EXCEPTIONAL	SAVE	REMOVE	
101	Doug Fir	24	18	yes, grove	yes		
102	Doug Fir	36.5	14	yes, grove	yes		
103	Doug Fir	40	26	yes, grove	yes		
104	Doug Fir	30.5	26	yes, grove	yes		
105	Doug Fir	11	9	yes, grove	yes		
106	Doug Fir	14	9			Yes	Dying
107	Doug Fir	14	9	yes, grove	yes		
108	Doug Fir	20	8	yes, grove	yes		
109	Bitter Cherry	20	11	yes, grove	yes		
112	Western red cedar	50	28	yes, grove		yes	
114	Bitter Cherry	10	14			Yes	Dying
115	Western red cedar	13	17			yes	
116	Western red cedar	18	17			yes	
117	Western red cedar	15	17			yes	
118	Western red cedar	28.8	15			yes	
119	Western red cedar	21	19			yes	
	TOTALS	14			8	6	
	Plus	2	dying			+ 2 dying	

				_		
NON REG	ULATIED TREES					
110	Bitter Cherry	4	12	Small Tree	yes	
120	Orchard Apple	8	12	Small Tree	yes	
111	Bitter Cherry	7	11	Small Tree		yes
RIGHT OF	WAY TREES					
Α	Western red cedar	41.6	20	Yes	Yes	
G	Mountain Ash	6	7	Small tree		Yes

SE 30th **Height Table**

B 362.5 21 7,612.5

G 360.8 2 721.6
H 360.7 15 5,410.5
I 361.1 33 11,916.3
J 362 14.5 5,249.0
K 363 13 4,719.0
L 364 43.5 15,834.0

Max Height **Max Elevation**

Sub Totals 212 76,873.9

D 361.8

E 360.7

724.0

721.4

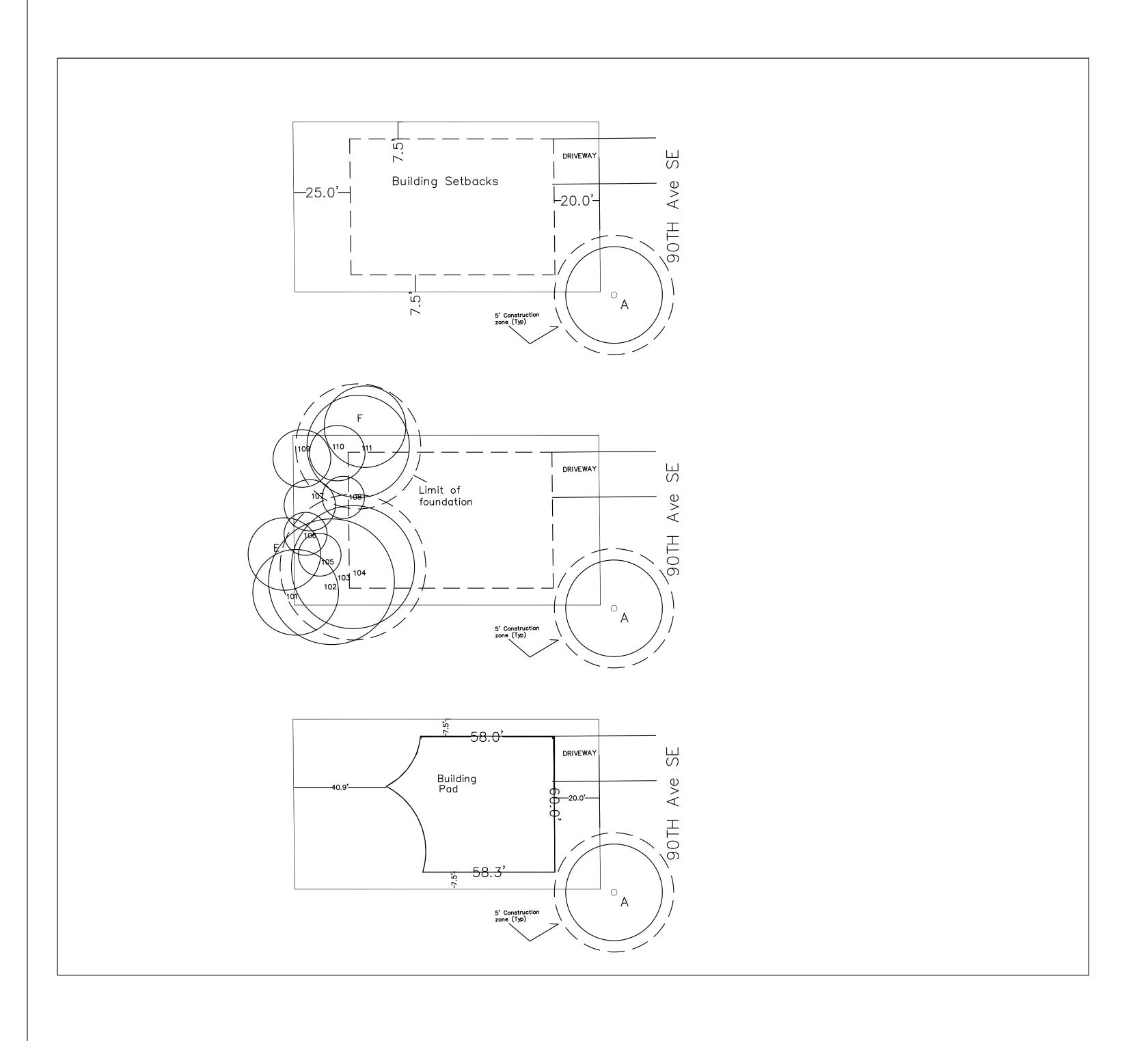
362.6

30.0 392.6

12 4,341.6

ŀ	Hardscape		
Lot Size	10,125		
EXISTING			
Uncovere	ed Patio		0
Walkway	'S		0
Stairs			0
Rockery/	Retaining W	alls	0
Total Exist	ing		0
Existing Re	moved		0
Net Ex	isting Ret	ained	0
NEW			
Uncovered	l Patio		168
Walk			113
 Total Ne	ew		281
Total Ne	w and Exi	sting	281
Takal IIa	rdscape		2.8%

Н	ardscape	!	
Lot Size	10,125		
EXISTING			
Uncovere	d Patio		C
Walkways			C
Stairs			0
Rockery/R	etaining W	alls	O
Total Existir	ng		O
Existing Rer	noved		0
Net Exi	sting Ret	ained	O
NEW			
Uncovered	Patio		168
Walk			113
Total Nev	<i>N</i>		281
Total Nev	w and Exi	sting	281
Total Har	dscape		2.8%



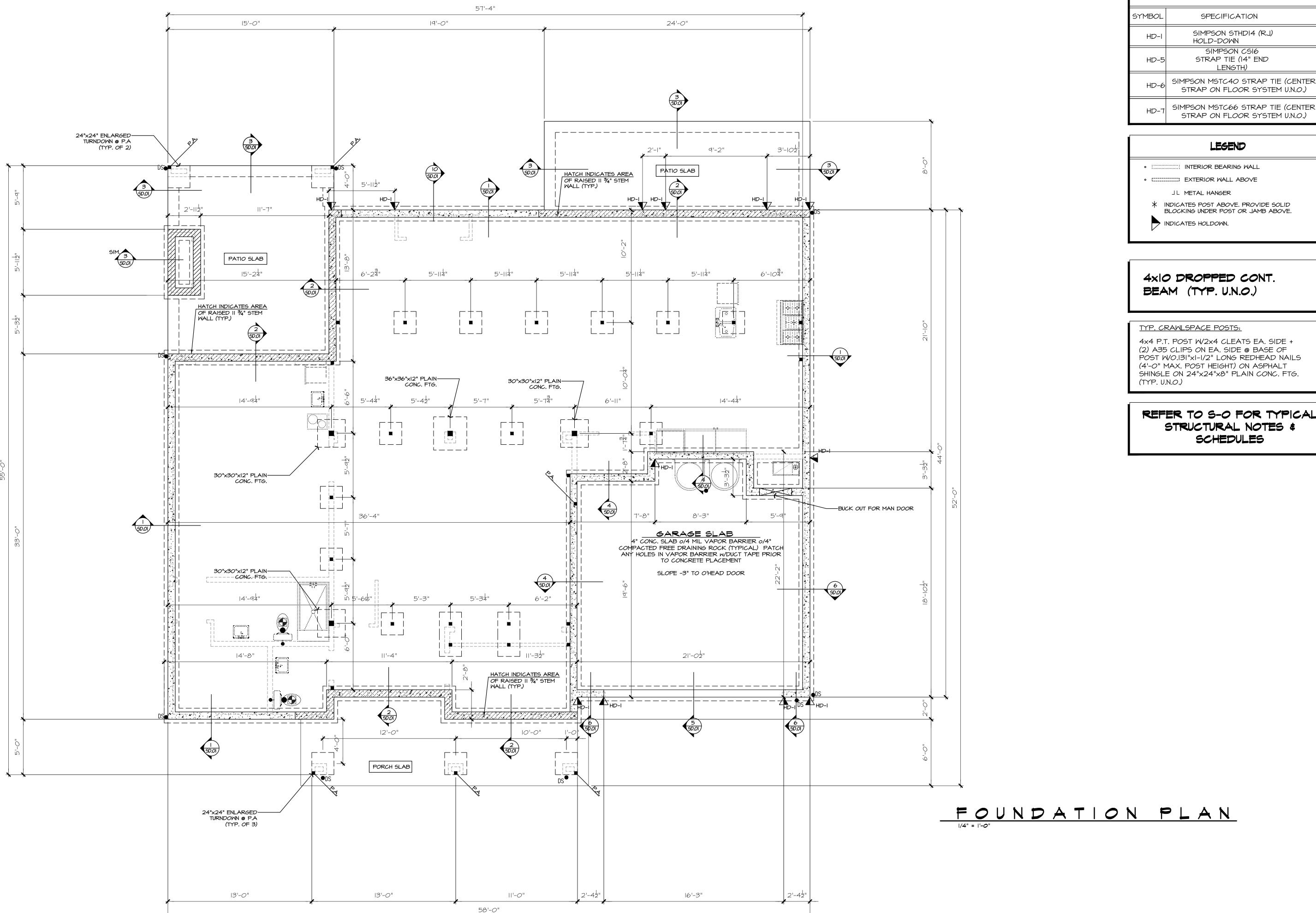
BUILDING PAD ILLUSTRATION

JayMarc Homes, LLC 7525 SE 24th St, #487 Mercer Island, WA 98040 425 281 2706

> Site Plan 4533 90th Ave SE Mercer Island WA

Drawn by GU 1-17-22

A2.2



HOLD-DOWN SCHEDULE SPECIFICATION SIMPSON STHD14 (RJ) SIMPSON CSI6 STRAP TIE (14" END SIMPSON MSTC40 STRAP TIE (CENTER STRAP ON FLOOR SYSTEM U.N.O.)

4x4 P.T. POST W/2x4 CLEATS EA. SIDE + (2) A35 CLIPS ON EA. SIDE @ BASE OF POST W/O.131"x1-1/2" LONG REDHEAD NAILS (4'-0" MAX. POST HEIGHT) ON ASPHALT SHINGLE ON 24"x24"x8" PLAIN CONC. FTG.

REFER TO S-O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

7525 SE 24th St., 487 Mercer Island, WA 425.266.9100

\(\lambda \) Issue Issue Date By Description

> *0*1.20.22 S.K. REVISIONS

90th Ave sr Island, 4 <

marketing name: XXXXXX plan number: mark sys. number:--

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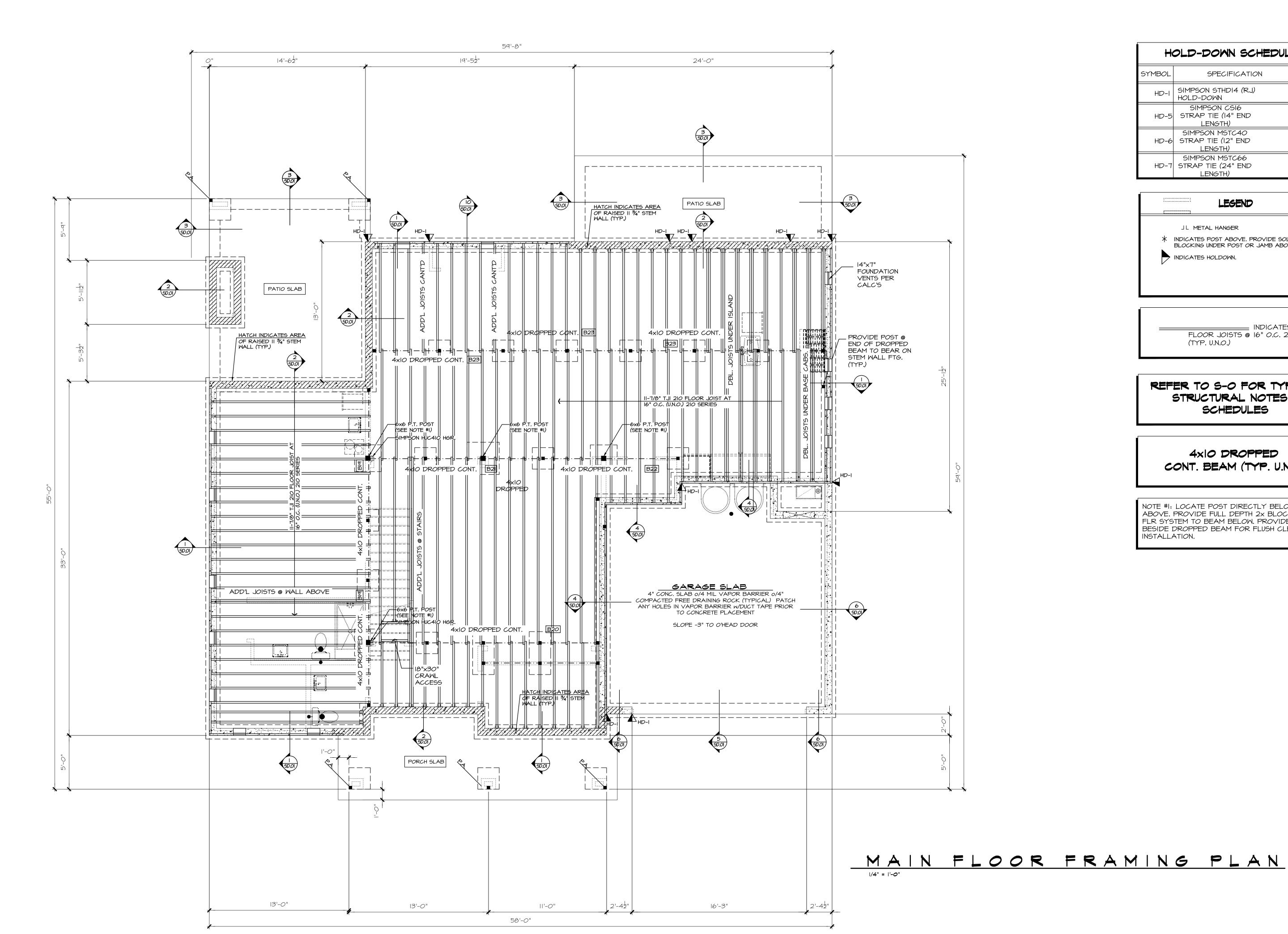
Sheet Title/Description

JAYMARC HOMES Design Firm

R.R.

Drawn by:

R.R./ S.K. Checked by:



HOLD-DOWN SCHEDULE SPECIFICATION SIMPSON STHD14 (RJ) HOLD-DOWN SIMPSON CSI6 HD-5 STRAP TIE (14" END LENGTH) SIMPSON MSTC40 HD-6 STRAP TIE (12" END LENGTH) SIMPSON MSTC66 HD-7 STRAP TIE (24" END

LEGEND JL METAL HANGER * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE. INDICATES HOLDOWN.

> ___ INDICATES II-7/8" TJI FLOOR JOISTS @ 16" O.C. 210 SERIES (TYP. U.N.O.)

REFER TO S-O FOR TYPICAL STRUCTURAL NOTES \$ SCHEDULES

> 4x10 DROPPED CONT. BEAM (TYP. U.N.O.)

NOTE #1: LOCATE POST DIRECTLY BELOW POST ABOVE. PROVIDE FULL DEPTH 2x BLOCKING IN FLR SYSTEM TO BEAM BELOW. PROVIDE 2x SHIM BESIDE DROPPED BEAM FOR FLUSH CLEAT INSTALLATION.

H O M E S

7525 SE 24th St., 487

Mercer Island, WA

98040

425.266.9100

01.20.22 S.K. REVISIONS

> 90th Ave er Island, Job Number: 4 2

plan name: marketing name: XXXXXX ן plan number: mark sys. number:--

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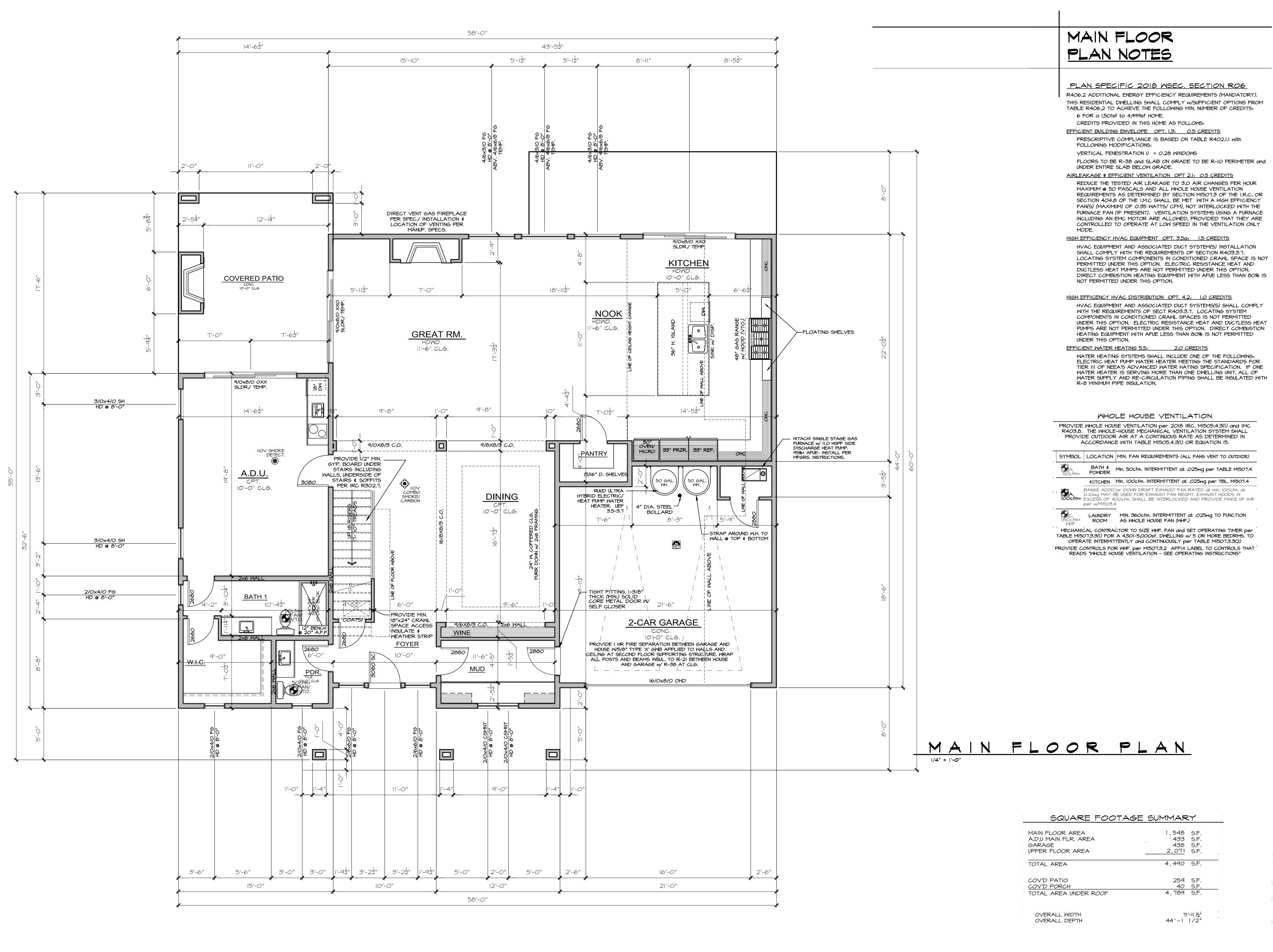
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R.R./ S.K. Checked by:



JAYMARC H O M E S

> 7525 SE 24th St., 487 Mercer Island, WA 98040 425.266.9100

△ Issue Issue Date By

Description

01.20.22 S.K. REVISIONS

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4533 90th Ave SE Aercer Island, WA

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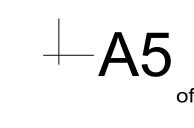
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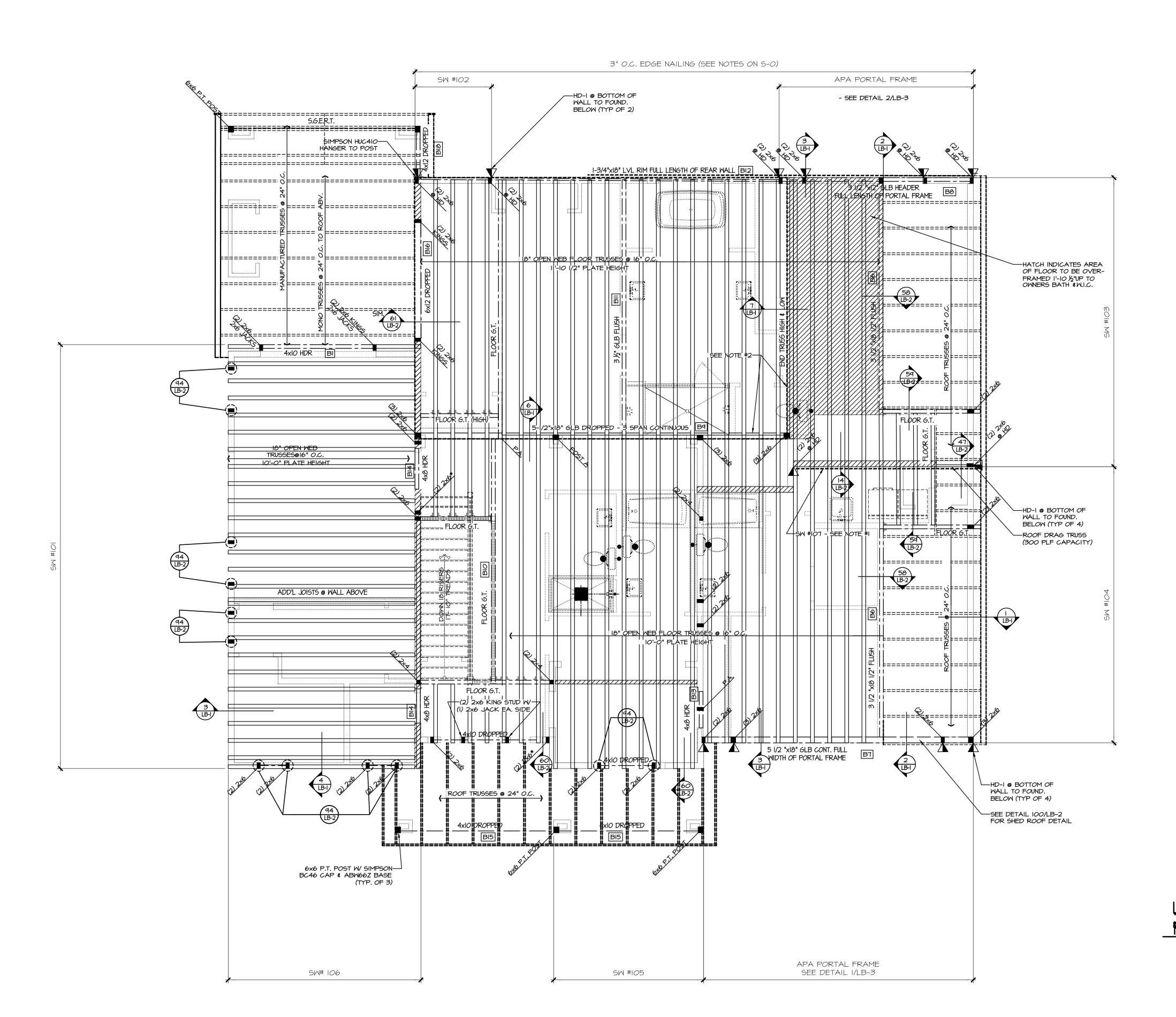
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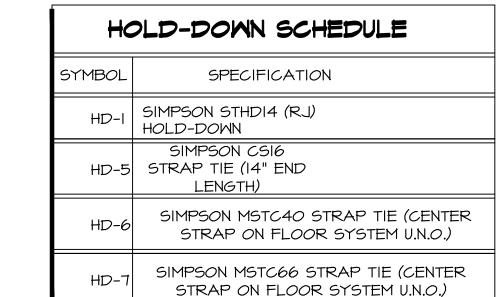
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LEGEND

- WITH INTERIOR BEARING WALL
- ______ 18" FLOOR TRUSS @ 16" O.C. (U.N.O.)
- . ■ ■ INTERIOR SHEAR WALL PANEL OR EXTERIOR SHEAR WALL W/3" o.c. EDGE NAILING JL METAL HANGER
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE. INDICATES HOLDOWN.

REFER TO S-O FOR TYPICAL STRUCTURAL NOTES \$ SCHEDULES

4x10 HDR @ ALL EXT. BI WINDOWS/DOORS (TYP. U.N.O.)

PROVIDE 1/6" OSB/PLYWOOD SHTG. + FASTEN PER TYP. WALL SHTG. SPECS. (SEE NOTES)

STEP FLOOR SYSTEM AS SHOWN AND PROVIDE (3) 2x PLATES BETWEEN HIGH AND LOW FLOOR SYSTEM (TYP.)

POST A INDICATES A 5 4"x5 4" LVL POST W/ A SIMPSON BC6 CAP AND BC60 BASE

UPPER FLOOR & LOWER ROOF FRAMING PLAN



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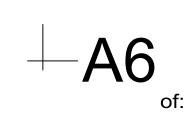
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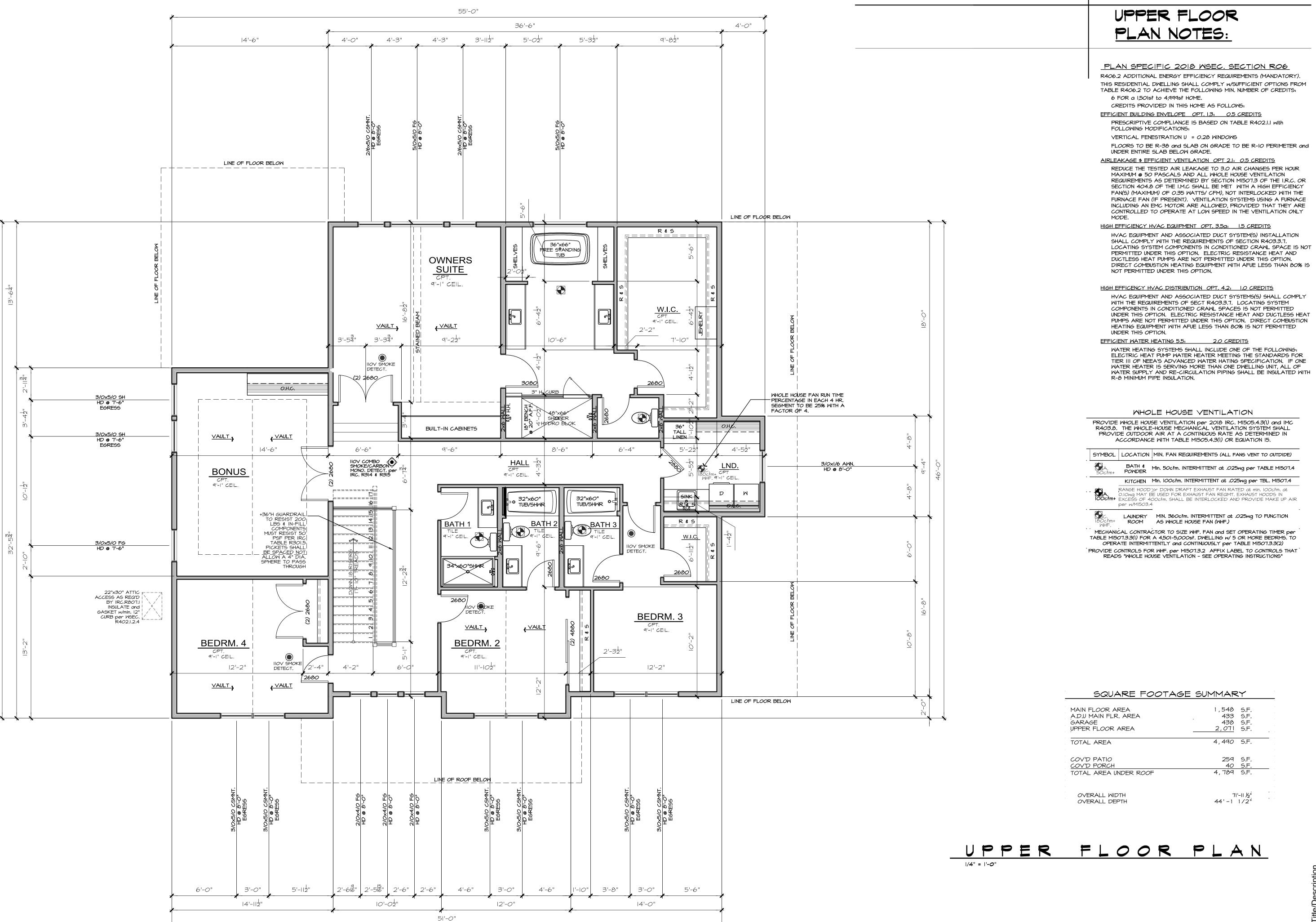
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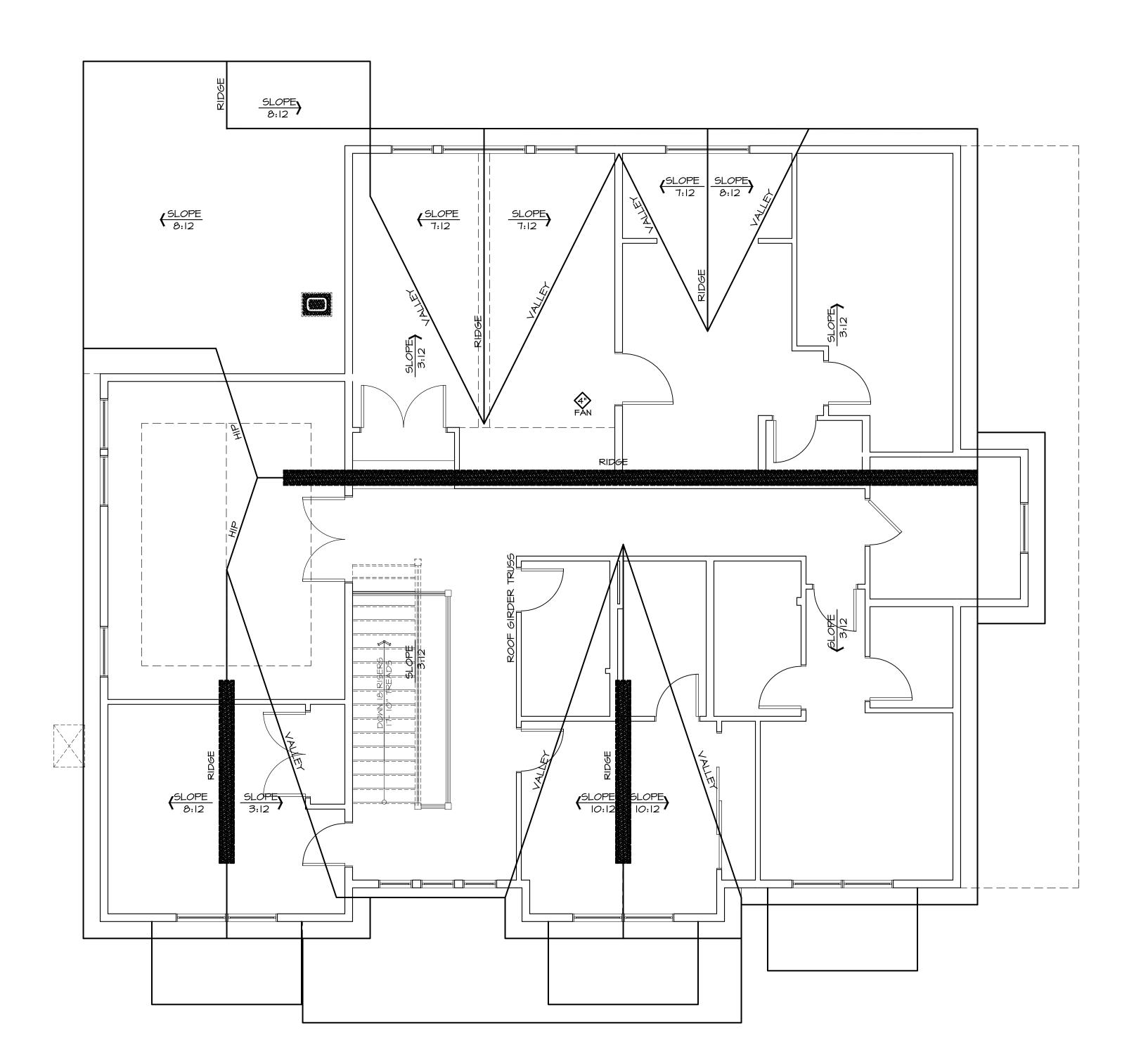
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ROOF PLAN



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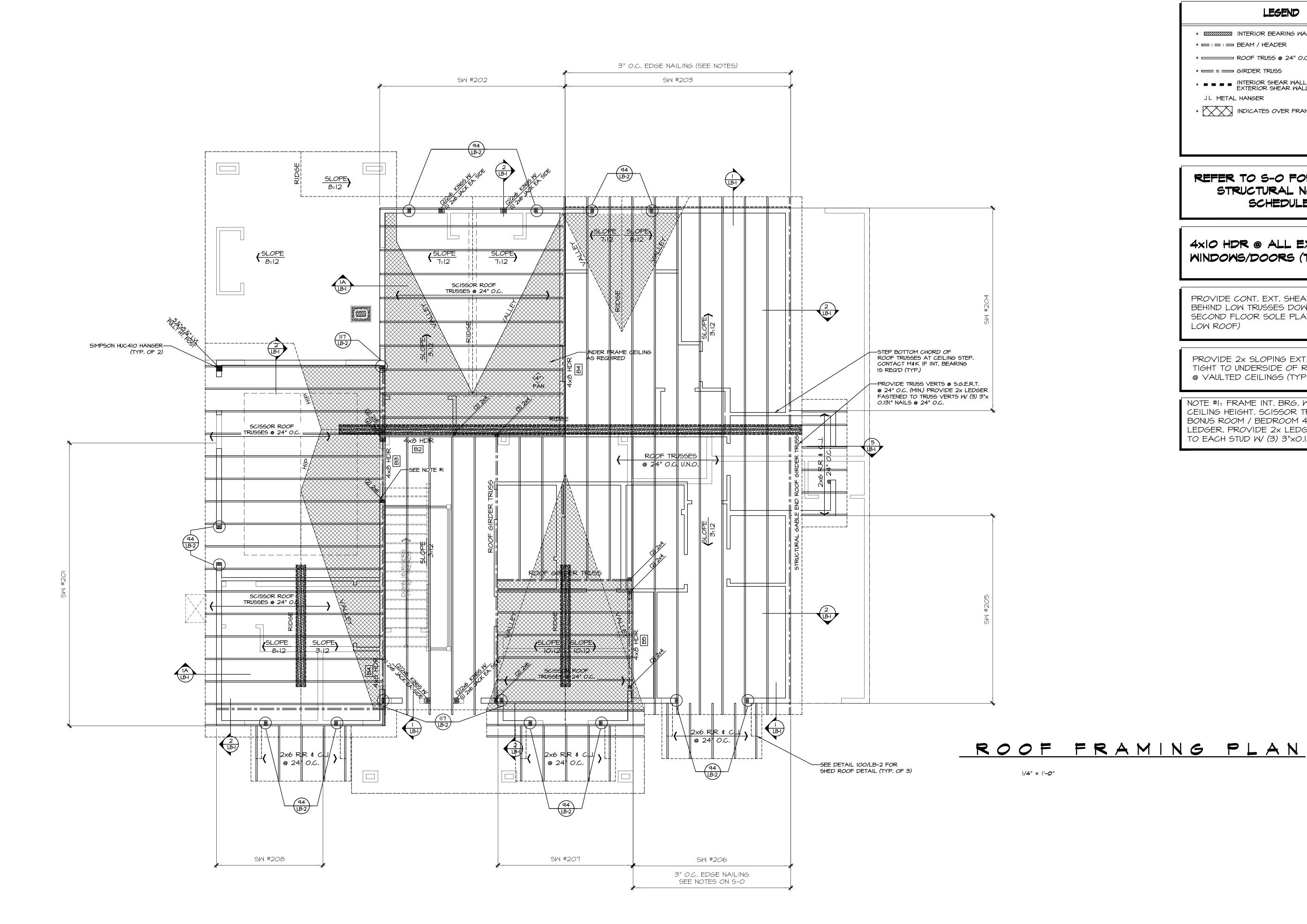
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LEGEND

- WIIII INTERIOR BEARING WALL
- = : = : = BEAM / HEADER
- ______ ROOF TRUSS @ 24" O.C. (U.N.O.)
- · = = GIRDER TRUSS
- . ■ INTERIOR SHEAR WALL PANEL OR EXTERIOR SHEAR WALL W/3" o.c. EDGE NAILING JL METAL HANGER
- INDICATES OVER FRAMED TRUSS AREA

REFER TO S-O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

4x10 HDR @ ALL EXT. BI WINDOWS/DOORS (TYP. U.N.O.)

PROVIDE CONT. EXT. SHEATHING BEHIND LOW TRUSSES DOWN TO SECOND FLOOR SOLE PLATE (TYP. @ LOW ROOF)

PROVIDE 2x SLOPING EXT. WALLS BUILT TIGHT TO UNDERSIDE OF ROOF FRAMING

NOTE #1: FRAME INT. BRG. WALL TO TYP. CEILING HEIGHT. SCISSOR TRUSSES @ BONUS ROOM / BEDROOM 4 TO HANG INTO LEDGER. PROVIDE 2x LEDGER FASTENED TO EACH STUD W/ (3) 3"xO.131" NAILS

H O M E S

425.266.9100

7525 SE 24th St., 487

Mercer Island, WA

Description 01.20.22

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4533 90th Ave 3Mercer Island, Nob Number:

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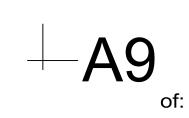
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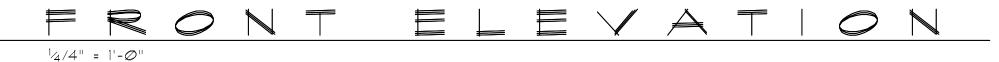
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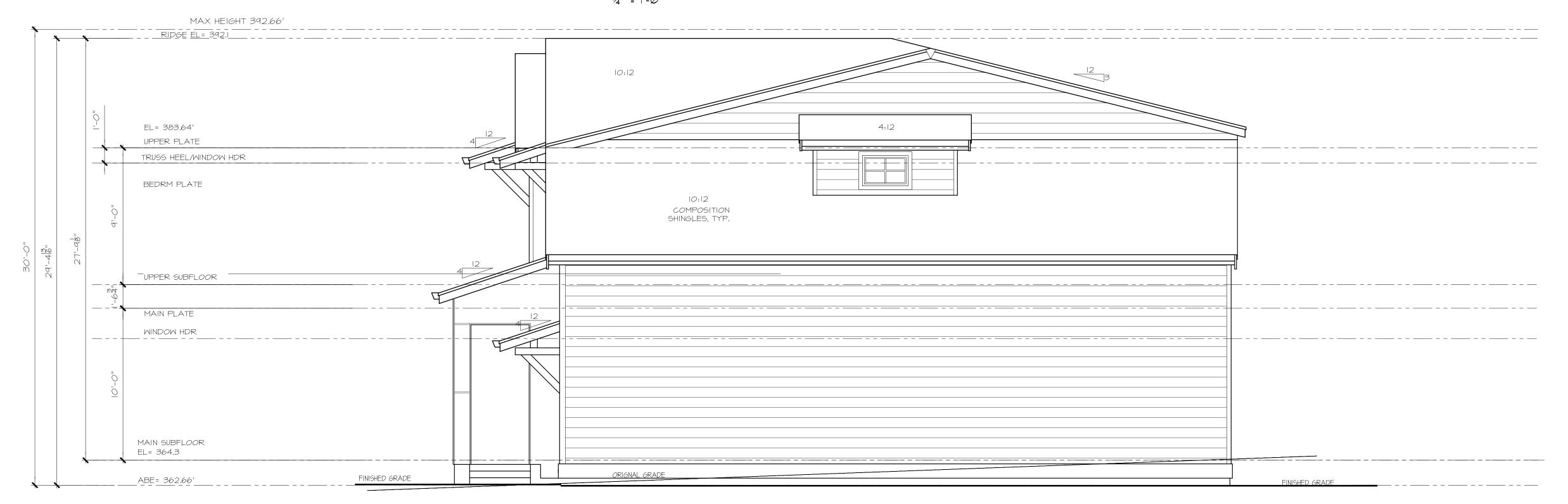
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Primary Scale

-A10



PEAR ELEVATION 14" = 1'-0"



RIGHT ELEVATION



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4533 90th Ave SE Mercer Island, W

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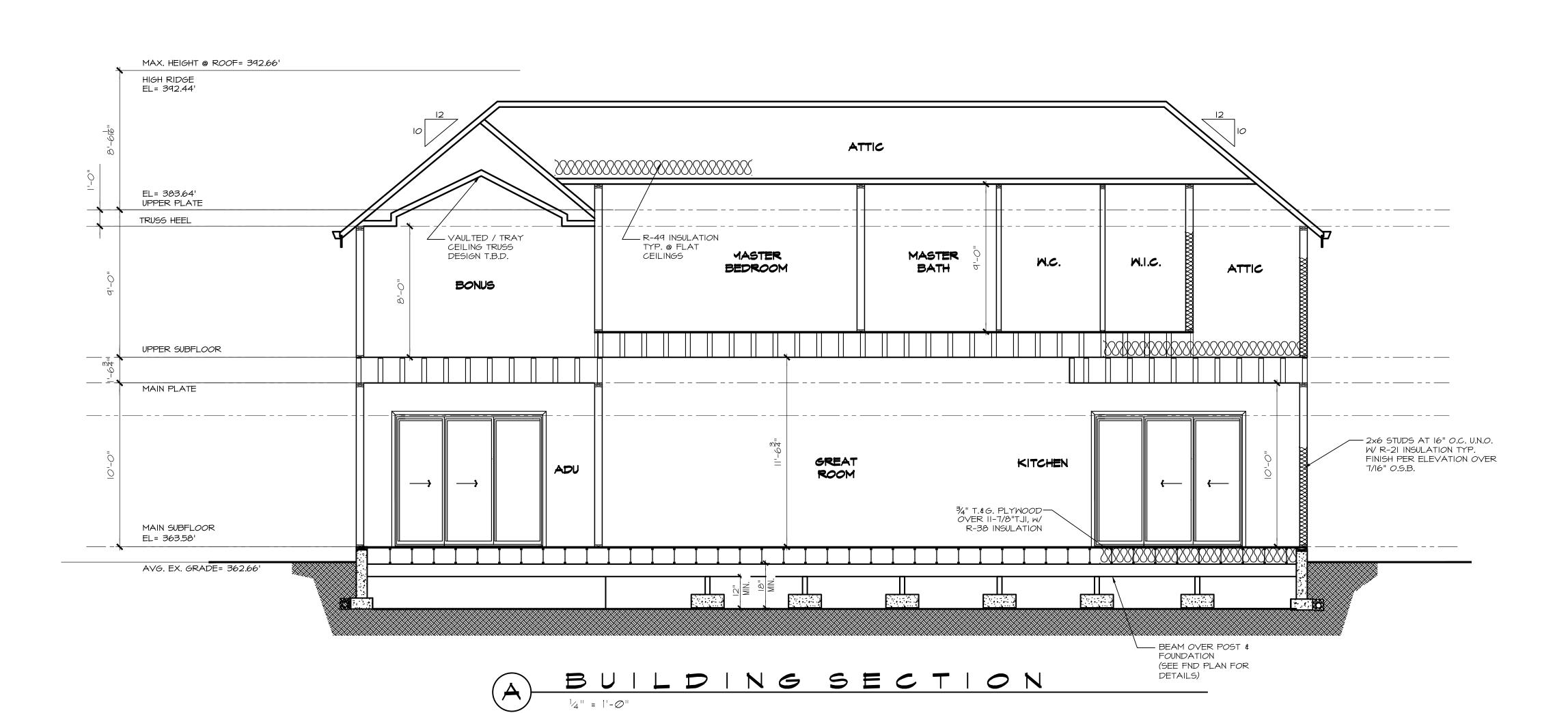
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. Primary Scale





2x8 RAFTER W/ U28 HGR @ LEDGER 2x8 LEDGER RAKE SOFFIT/ EAVE W/ ½" LAG BOLTS @ 24"OC TO BE CEDAR T&G TO MATCH PORCH & PATIO CEILINGS 1x4 TRIM OVER - 4x10 DF#I BEAM 5/4x8 FASCIA - 6x8 DF#I BEAM - PROVIDE BM POCKET & (2) %" THRU BOLTS— ATTACH W/ KING BRACE TO 4x8 **\$ JACK STUDS** 6x6 DF#1 一(2) %" THRU BOLTS 2X STUDS CEDAR BRACE

BASEMENT SLAB

4" CONC. SLAB ON 6 MIL VAPOR BARRIER ON 4" MIN. GRANULAR FILL ON 95% COMPACTED FILL/VIRGIN SOIL

GARAGE SLAB

4" CONC. SLAB ON 4" MIN. GRANULAR FILL ON 95% COMPACTED FILL/VIRGIN SOIL

PORCH SLAB

4" CONC. SLAB ON GRADE ON 6 MIL VAPOR BARRIER ON 4" MIN. GRANULAR FILL ON 95% COMPACTED FILL/VIRGIN SOIL

GENERAL STRUCTURAL NOTES

FOUNDATION

- <u>DESIGN IS BASED ON 2018 INTERNATIONAL RESIDENTIAL CODE</u> **\$ 2018 INTERNATIONAL BUILDING CODE**
- DESIGN LOADS: SOIL 2,000 PSF ALLOWABLE BEARING PRESSURE CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE
- STRENGTHS IN 28 DAYS, U.N.O.: f'c = 2,500 psi: FOUNDATION WALLS*
- 2,500 psi: FOOTINGS* 2,500 psi: INTERIOR SLABS ON GRADE 3,500 psi: GARAGE & EXT. SLABS ON GRADE fy = 60,000 psi
- EQUIVALENT TO 3,000 PSI CONCRETE FOR WEATHERING POTENTIAL • ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS THAN 5% OR MORE THAN 7% AIR ENTRAINMENT.

* UTILIZE 51/2" SACK 2500 PSI CONCRETE MIXES THAT ARE

- FOUNDATION WALL DESIGN IS BASED ON BACKFILL SOIL
- CLASSIFICATIONS OF SC, ML-CL, OR CL (60 pcf) SOIL. • TYPICAL REINFORCEMENT DETAILS: LAP ALL REBAR 24" MIN.; BEND BARS AND LAP AT CORNERS; PROVIDE 6" HOOK INTO SUPPORTING FOOTINGS WHEN FOOTINGS INTERSECT; PROVIDE 3" MINIMUM COVER
- FOUNDATION WALLS SHALL BE BRACED, PRIOR TO BACKFILLING, BY EITHER ADEQUATE TEMPORARY BRACING OR INSTALLATION OF FIRST FLOOR DECK.

AT THE BOTTOM BARS AND 1 1/2" COVER AT THE SIDES.

- ALL FOOTINGS SHALL BEAR BELOW FROST LINE. CONSULT SOILS REPORT/ LOCAL MUNICIPALITY FOR MINIMUM DEPTH BELOW GRADE.
- 95% COMPACTED FILL. • PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB
- TO DEVELOP. (15'-0" O.C.) • FASTEN SILL PLATES TO FOUNDATION WALLS WITH 5/4" DIA. ANCHOR
- ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT W/ CONCRETE OR MASONRY FOUNDATION SHALL BE PRESERVATIVE TREATED
- BUILDER TO VERIFY CORROSION-RESISTANCE COMPATIBILITY OF HARDWARE & FASTENERS IN CONTACT W/ PRESERVATIVE-TREATED WOOD. CONTACT LUMBER & HARDWARE SUPPLIERS TO COORDINATE.

ARCH/BUILDER TO VERIFY ALL DIMENSIONS

HOLD-DOWN SCHEDULE

SIMPSON STHD14 (RJ) HOLD-DOWN

SYMBOL SPECIFICATION

SIMPSON CSI6 STRAP TIE (14" END LENGTH)

SIMPSON MSTC40 STRAP TIE

(CENTER STRAP ON FLOOR SYSTEM U.N.O.) SIMPSON MSTC66 STRAP TIE → HD-7

MEANS & METHODS NOTES

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, AND TIE-DOWNS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO STABILIZE AND PROTECT EXISTING AND ADJACENT STRUCTURES AND SYSTEMS DURING COURSE OF DEMOLITION AND CONSTRUCTION OF THE PROJECT.

(CENTER STRAP ON FLOOR SYSTEM U.N.O.)

STRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING ELEMENTS IN CONTACT WITH FLOOR FRAMING ARE LEVEL, INCLUDING, BUT NOT LIMITED TO; FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LEVELNESS AND MAKE ADJUSTMENTS AS NECESSARY, INCLUDING CONSIDERATION OF THOSE AREAS THAT MAY BE WITHIN CONTRACTUAL, INDUSTRY, OR WARRANTY TOLERANCES.

ADDITIONAL NOTES FOR TRUSS \$ I-JOIST MANUFACTURER

ROOF TRUSS, FLOOR TRUSS AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DIFFERENTIAL DEFLECTION CRITERIA BELOW, UNLESS NOTED OTHERWISE ON PLAN. MULHERN & KULP CANNOT BE HELD RESPONSIBLE FOR ANY STRUCTURAL ISSUES RELATED TO ANY BUILDING COMPONENT IF COMPONENT SHOP DRAWINGS ARE NOT SUBMITTED TO M&K FOR REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.

TRUSSES SHALL BE DESIGNED SO THAT DIFFERENTIAL DEFLECTION BETWEEN ADJACENT PARALLEL TRUSSES OR GIRDER TRUSSES DOES NOT EXCEED THE FOLLOWING:

- A. ROOF TRUSSES: I/4" DEAD LOAD
- B. FLOOR TRUSSES, ATTIC TRUSSES, & I-JOISTS:
- 1/8" DEAD LOAD FLOOR TRUSSES & ATTIC TRUSSES ADJACENT TO FLOOR FRAMING BY OTHERS: LIMIT ABSOLUTE TRUSS DEFLECTION TO

3/16" DEAD LOAD. (NOT DIFFERENTIAL DEFLECTION)

LOADING AND DESIGN

DEAD LOAD (PSF): ROOF TRUSS TOP CHORD: ROOF TRUSS BOT CHORD: ROOF RAFTERS: FLOOR (TRUSSES) FLOOR (JOISTS): TILE FLOORS:

ROOF: GARAGE

SNOW LOAD: ROOF SNOW LOAD (Pt) (PSF):

THERMAL FACTOR (C1): LATERAL DESIGN LOADS: WIND LOAD: (IBC 1609) SPEED (Vuit) (MPH):

INTERNAL PRESSURE COEFF. (GCpl): TOPOGRAPHIC FACTOR (Kzt):

• FOOTINGS AND SLABS ON GRADE SHALL BEAR ON VIRGIN SOIL OR

EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY

BOLTS W/ MIN. 3"x3"x ¼" PLATE WASHERS (EDGE OF WASHER TO BE LOCATED WITHIN 为" OF EXTERIOR EDGE OF SILL PLATE) & NUTS @ 6'-0" O.C. @ 2-STORY & 4'-0" O.C. @ 3-STORY CONDITIONS w/ 7" MIN. EMBEDMENT INTO CONC. PROVIDE A MINIMUM OF 2 ANCHORS PER PLATE, 12" MAXIMUM FROM PLATE ENDS, U.N.O. (SEE FND. DETAILS).

PARAMETERS

GRAVITY DESIGN LOADS:

LIVE LOAD (PSF): RESIDENTIAL LIVING AREAS: RESIDENTIAL SLEEPING AREAS: RESIDENTIAL WOOD DECKS:

1.2

1.0

100

±0.18

1.6

GROUND SNOW LOAD (Pg) (PSF): SNOW EXPOSURE FACTOR (C.): SNOW LOAD IMPORTANCE FACTOR (I):

WIND RISK CATEGORY IMPORTANCE FACTOR (Iw): EXPOSURE CATEGORY:

> SEISMIC LOAD: (IBC 1613) SEISMIC RISK CATEGORY : SEISMIC IMPORTANCE FACTOR (I.): 1.0 MAPPED SPECTRAL RESPONSE: S₅: 1.428 Sı: 0.496 SITE CLASS: D (DEFAULT)

SPECTRAL RESPONSE COEFF.: Sps: 0.952 SEISMIC DESIGN CATEGORY: BASIC SEISMIC-FORCE-RESISTING SYS: LIGHT FRAMED WALLS W/WOOD STRUCTURAL PANELS ULTIMATE BASE SHEAR: LONG: 16k TRANS: 16k

SEISMIC RESPONSE COEFF. (Cs): TRANS: 0.176 LONG: 0.176 RESPONSE MODIFICATION FACTOR (R): TRANS: 6.5 LONG: 6.5

ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE

LATERAL BRACING NOTES

THIS HOME HAS BEEN ENGINEERED TO RESIST LATERAL FORCES RESULTING FROM: 100 MPH WIND SPEED, EXP. B

(ASCE 7-16 WIND MAP, PER IRC R301.2.1.1) RISK CAT. 2 & SEISMIC CAT. D2.

0 MPH WIND IN 2018 IRC MAF ENGINEERED DESIGN WAS COMPLETED PER 2018 IBC (SECTION 1609 \$ 1613) \$ ASCE 7-16. AS PERMITTED BY R301.1.3 OF THE 2018 IRC. ACCORDINGLY, THIS HOME, AS DOCUMENTED AND DETAILED HEREWITHIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES, AND DOES NOT NEED TO CONFORM TO THE

STANDARD EXTERIOR WALL SHEATHING <u>SPECIFICATIONS</u>

PRESCRIPTIVE PROVISIONS OF R602.10.

(INTERIOR WALL SPECIFICATION WHERE NOTED ON PLANS)

• 1/6" OSB OR 15/32" PLYWOOD:

FASTEN SHEATHING W/ 21/2"x0.131" NAILS @ 6"o.c. AT ALL SUPPORTED PANEL EDGES AND 12" O.C. IN THE PANEL FIELD. ALL SHEATHING SHEET PANEL EDGES SHALL OCCUR OVER WALL FRAMING MEMBERS OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT PANEL EDGE. ALL EXTERIOR WALLS SHALL BE CONSTRUCTED PER THIS SPECIFICATION U.N.O. ON

3" o.c. EDGE NAILING (WHERE NOTED ON PLANS)

• 1/6" OSB OR 15/32" PLYWOOD: ONLY AT LOCATIONS INDICATED ON PLANS - SHEATHE WALL SHOWN WITH %" OSB. FASTEN SHEATHING W/ 25"x0.131" NAILS @ 3" O.C. AT EDGES AND 12" O.C. AT CENTER. ALL SHEATHING SHEET PANEL EDGES SHALL OCCUR OVER WALL FRAMING MEMBERS OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED

TO SUPPORT PANEL EDGE AND 3" O.C. FASTENING.

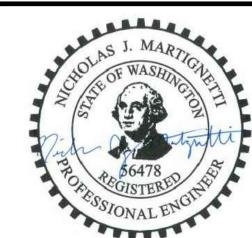
- I. LATERAL ANALYSIS ASSUMES STUD SPACING @ 16" o.c. ALL SHEAR WALLS SHALL HAVE DOUBLE TOP PLATES FASTENED TOGETHER W/3"x0.131" NAILS @ 8" O.C. USE (12)31/2"x0.135" NAILS AT EACH LAP SPLICE, (6) EACH SIDE OF
- ALL EXTERIOR WALLS ARE CONTINUOUSLY SHEATHED.
- ALL INTERIOR SHEAR WALLS AND EXTERIOR WALLS ARE SHEATHED ABOVE AND BELOW OPENINGS.

LEGEND

• IIIIII INTERIOR BEARING WALL

JOINT (TYP. U.N.O)

- □□□□□□ BEARING WALL ABOVE (B.W.A.), OR SHEARWALL ABOVE (S.W.A.)
- --- BEAM / HEADER . INTERIOR SHEAR WALL PANEL OR EXTERIOR SHEAR WALL w/ 3" o.c. EDGE NAILING
- AREA OF OVERFRAMING
- JL METAL HANGER
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- INDICATES HOLDOWN.



GENERAL STRUCTURAL NOTES

DESIGN PARAMETERS

• DESIGN IS BASED ON 2018 INTERNATIONAL RESIDENTIAL CODE

<u> \$ 2018 INTERNATIONAL BUILDING CODE</u> • WOOD FRAME ENGINEERING IS BASED ON NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.

GENERAL FRAMING

- EXTERIOR BEARING WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS) @ 16" O.C. (w/ DOUBLE TOP PLATE) HEM FIR (HF) "STUD" GRADE LUMBER, OR BETTER, U.N.O.
- PLANS) @ 16" O.C. (W/ DOUBLE TOP PLATE) HEM FIR (HF) "STUD" GRADE LUMBER, OR BETTER, U.N.O.

• INTERIOR BEARING WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON

- ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED @ 24" O.C. (MAX.)
- ALL WALLS TALLER THEN TYP. PLATE HEIGHT SHALL BE CONSIDERED BALLOON FRAMED & SHALL BE CONSTRUCTED FROM FLOOR TO UNDERSIDE OF FRAMING AT NEXT LEVEL. B.F. WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS) HEM FIR (HF) #2 GRADE LUMBER, OR BETTER.
- ALL HEADERS SHALL BE SUPPORTED BY (1)2x JACK STUD & (1)2x KING STUD, MINIMUM. - THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED, U.N.O..
- ALL 2x6 AND LARGER SOLID SAWN BEAMS/HEADERS SHALL BE HEM FIR #2 (HF #2) OR BETTER. ALL 4x6 AND LARGER SOLID SAWN
- LUMBER SHALL BE DOUG FIR #2 (DF #2) OR BETTER. • ALL FRAMING LUMBER SHALL BE KILN DRIED TO 15% MC (KD-15).
- ALL TYP. NAIL FASTENER REQUIREMENTS ARE NOTED IN GENERAL NOTES, IN DETAILS, OR ON PLANS. ALL NAILS SPECIFIED ARE MIN DIAMETER AND LENGTH REQUIRED FOR CONNECTION. ALL HANGER NAILS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS FOR MAX CHARTED CAPACITY. NOTE: HANGERS USE COMMON NAIL DIAMETERS NOT TYPICAL FRAMING GUN NAILS.
- FASTEN ALL BEAMS TO COLUMNS, OR FLUSH BEAMS TO SUPPORTING BEAMS, W/ (4) 3"x0.131" TOENAILS (MIN.), TYP. U.N.O.
- PROVIDE SOLID BLOCKING IN FLOOR SYSTEM UNDER ALL POSTS & HOLD-DOWNS CONTINUOUS TO FOUNDATION/BEARING. BLOCKING TO MATCH POST ABOVE.
- ENGINEERED LUMBER TO MEET OR EXCEED THE FOLLOWING: • LSL MEMBERS - Fb=2325 PSI; Fv=310 PSI; E=1.55x10^6 PSI • LVL MEMBERS - Fb=2600 PSI; Fv=285 PSI; E=2.0x10^6 PSI • GLB MEMBERS - Fb(+)=2400 PSI; Fb(-)=1850 PSI; Fv=265
- PSI; E=1.8x10^6 PSI; DF/DF; 24F-V4 (U.N.O) • ENGINEERED LUMBER POSTS TO MEET OR EXCEED THE FOLLOWING: • LVL MEMBERS - Fb=2400 PSI; FcII=2500 PSI; E=1.8x10^6 PSI
- FACE NAIL MULTI-PLY 2x BEAMS & HEADERS W/ 3-ROWS OF 3"x0.131" NAILS (MIN.) @ 12" O.C. STAGGERED. APPLY NAILING FROM BOTH FACES @ 3-PLY OR MORE CONDITIONS. UTILIZE 2 ROWS OF NAILS FOR 2x6 \$ 2x8 MEMBERS.
- ALL MEMBERS SPECIFIED AS MULTI-PLY 13/4" SHALL BE FASTENED TOGETHER PER MANUFACTURER. EQUIVALENT WIDTH SOLID MATERIAL MAY BE USED AS EQUAL.
- FASTEN 2x WOOD PLATES TO TOP FLANGE OF STEEL BEAMS w/P.A.F.s ('HILTI' X-U PINS OR EQUAL (0.157" DIA. x 2" LONG MIN.)) @ 16" O.C. STAGGERED, OR 1/2" DIA. BOLTS @ 48" O.C., STAGGERED. • REFER TO IRC FASTENING SCHEDULE TABLE R602.3(I) FOR ALL CONNECTIONS, TYP. U.N.O.

FLOOR FRAMING

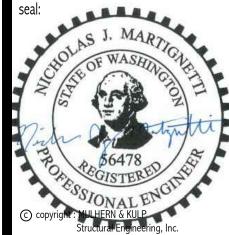
- I-JOISTS/TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA AND SHALL RUN CONTINUOUS OVER SUPPORTS WHEREVER POSSIBLE. ALL LOADS SHOWN ON PLAN FOR MANUF. DESIGNS ARE ASD LEVEL LOADS, U.N.O. (EXCLUDES STONE/MARBLE OR WET BED CONSTRUCTED FLOORS - CONTACT M&K FOR EXCLUDED DESIGNS).
- ALL METAL I-JOIST/TRUSS HANGERS SHALL BE SPECIFIED BY I-JOIST/TRUSS MANUFACTURER, UNLESS OTHERWISE NOTED.
- I-JOIST/TRUSS SHOP DRAWINGS SHALL BE SUBMITTED TO ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY.
- 2x FLOOR JOISTS HAVE BEEN DESIGNED TO MEET OR EXCEED L/360 LIVE LOAD DEFLECTION CRITERIA.
- TYPICAL 2x JOIST HANGERS (U.N.O. ON PLANS): SINGLE PLY: SIMPSON LUS210 DOUBLES: SIMPSON LUS210-2
- FLOOR SHEATHING SHALL BE 23/32" A.P.A. RATED 'STURD-I-FLOOR' 24" O.C, EXPOSURE I (OR APPROVED EQUAL) WITH TONGUE AND GROOVE EDGES. FASTEN TO FRAMING MEMBERS W GLUE AND 2 ½" x 0.131" NAILS @ 6"o.c. @ PANEL EDGES \$ @ 12"o.c. FIELD.
- ALL FLUSH CONNECTIONS SHALL BE CONNECTED WITH HANGER APPROPRIATE FOR MEMBER SIZE. U.N.O.
- FASTEN HANGERS TO SINGLE PLY FLUSH BEAMS w/ 1/2" LONG NAILS.

ROOF FRAMING

- FASTEN EACH ROOF TRUSS TO TOP PLATE W/ (4) 3"x0.I31" TOENAILS (MIN.) & (I) 'SIMPSON' SDWC15600 SCREW @ ALL BEARING POINTS. PROVIDE (2) 'SIMPSON' SDWC15600 SCREWS AT 2-PLY GIRDER TRUSSES, (3) 'SIMPSON' SDWC15600 SCREWS AT 3-PLY GIRDER TRUSSES AT ALL BEARING POINTS.
- FASTEN EACH ROOF RAFTER TO TOP PLATE WITH (I) 'SIMPSON' SDWC15600 SCREW. PROVIDE (2) 'SIMPSON' SDWC15600 SCREWS AT FLUSH BEAMS IN THE ROOF - AT ALL BEARING POINTS.
- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE I (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS W/ 2 ½" x 0.131" NAILS @ 6"o.c. AT PANEL EDGES \$ @ 12" O.C. AT INTERMEDIATE SUPPORTS. ROOF SHEATHING SHALL EXTEND BELOW ALL INSTANCES OF OVERFRAMING. BLOCKING SHALL BE INSTALLED AS REQUIRED TO LIMIT ROOF SHEATHING SPANS TO 24" MAX.
- WITHIN 48" OF ALL ROOF EDGES, RIDGES, & HIPS FASTEN ROOF
- SHEATHING FIELDS PER EDGE NAILING SPEC. • ALL METAL HANGERS SHALL BE SPECIFIED BY THE TRUSS
- MANUFACTURER, UNLESS OTHERWISE NOTED. • ROOF TRUSS SHOP DRAWINGS SHALL BE SUBMITTED TO ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY.
- ROOF TRUSS SHOP DRAWINGS & CALCULATIONS SHALL BE PREPARED BY A WASHINGTON STATE LICENSED ENGINEER AND SHALL BE DESIGNED FOR UNBALANCED SNOW LOADING PER ASCE 7-16, SECTION 7.6.
- ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BCSI I-08 "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES."
- FASTEN OVER-FRAMED TRUSS SETS TO TRUSSES BELOW w/ (2) 3"x0.131" TOENAILS AT EA. TRUSS.

• SUPPORT PORCH & SHORT SPAN ROOF TRUSSES (UP TO 6' TRIB.)

w/2x6 LEDGER FASTENED TO FRAMING w/(3) 3"x0.131" NAILS @ 16" o. • FASTEN ALL INTERIOR NON-BEARING PARTITION WALLS TO TRUSS BOTTOM CHORD ABOVE WITH SIMPSON STC CLIPS AT 24" O.C. MAX. PROVIDE BLOCKING BETWEEN THE TRUSS BOTTOM CHORDS AS REQUIRED FOR THE PARALLEL CONDITIONS.



C 3



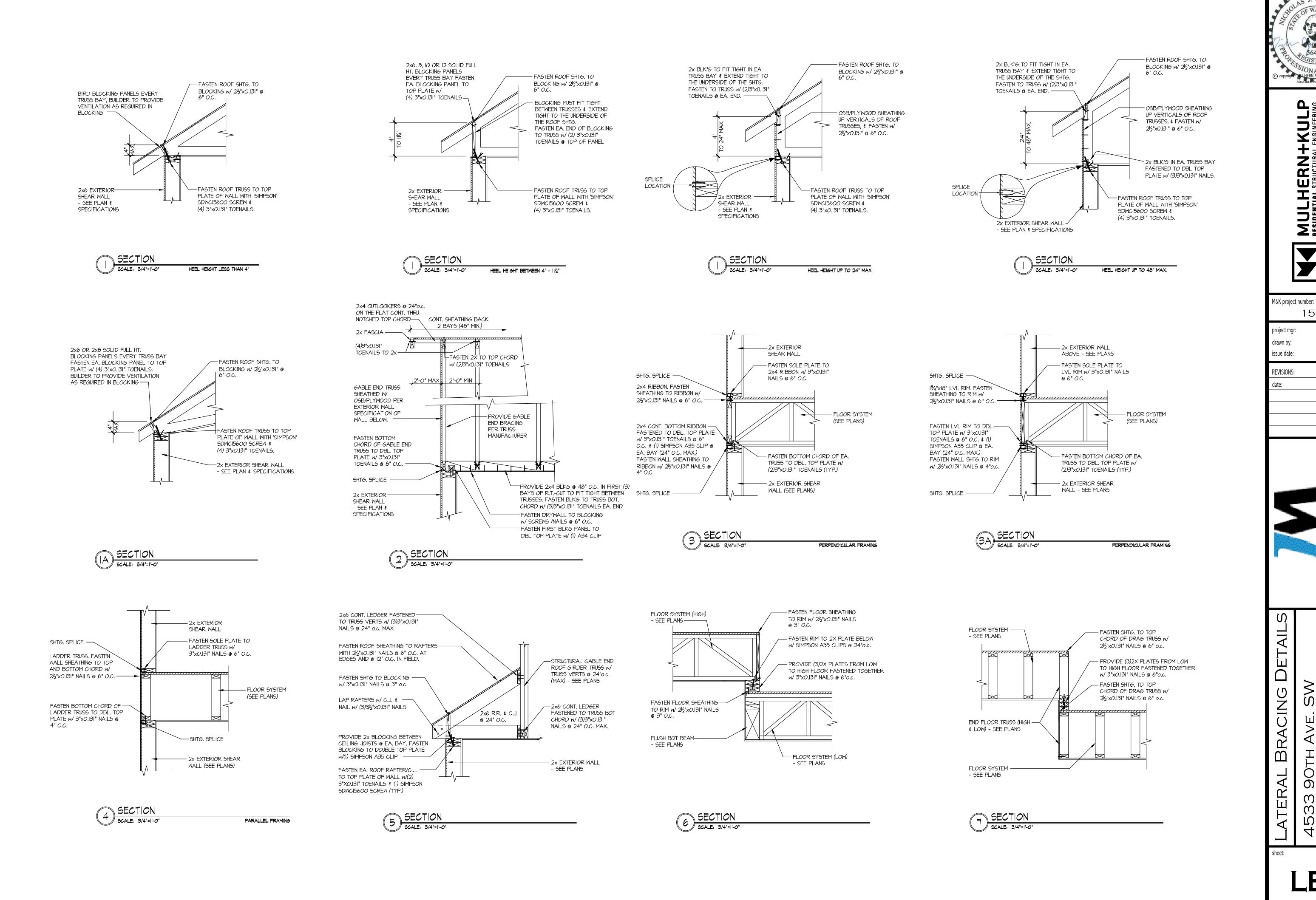
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REVISIONS: initial:

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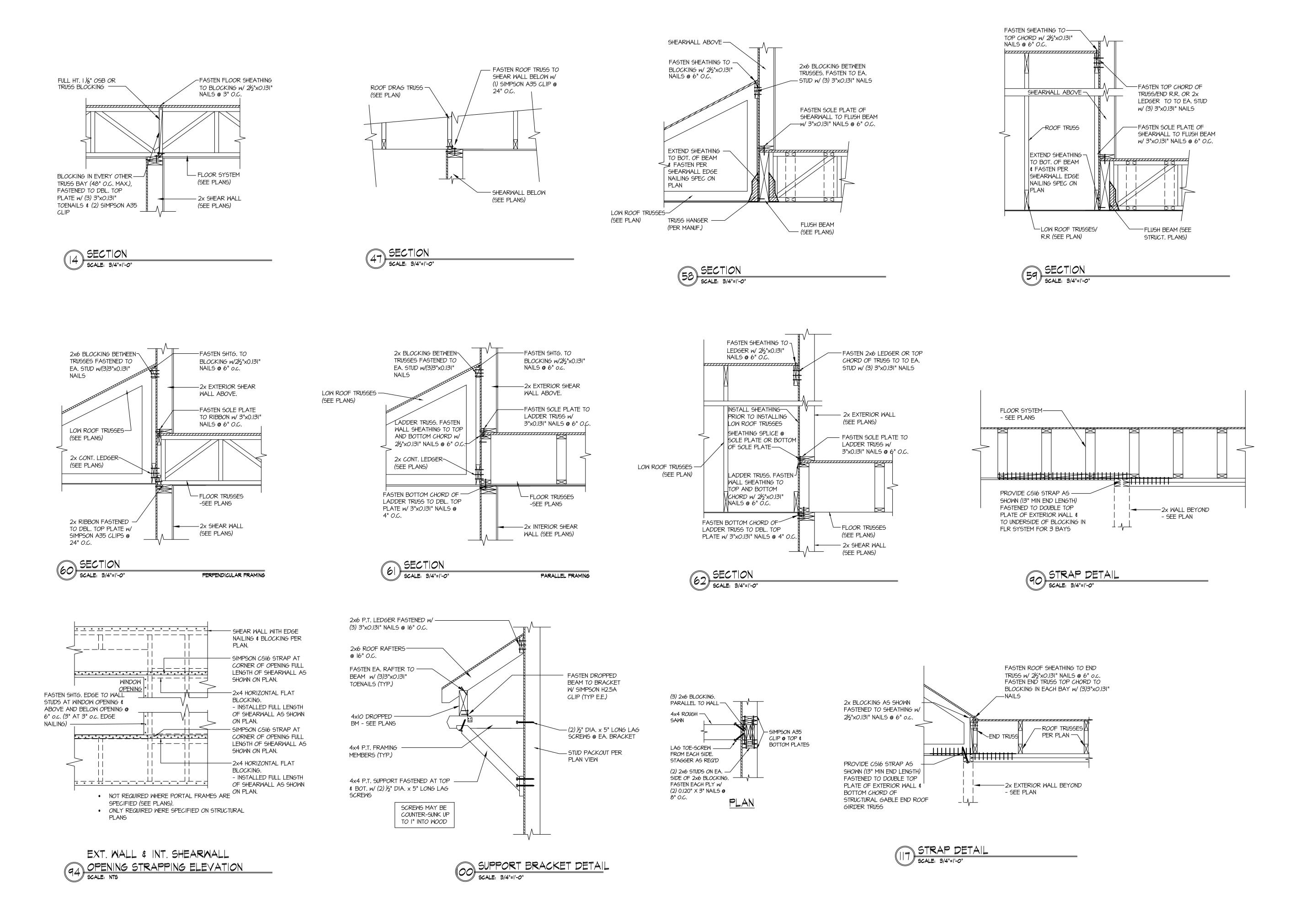
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M&K project number:

drawn by:

154-21035

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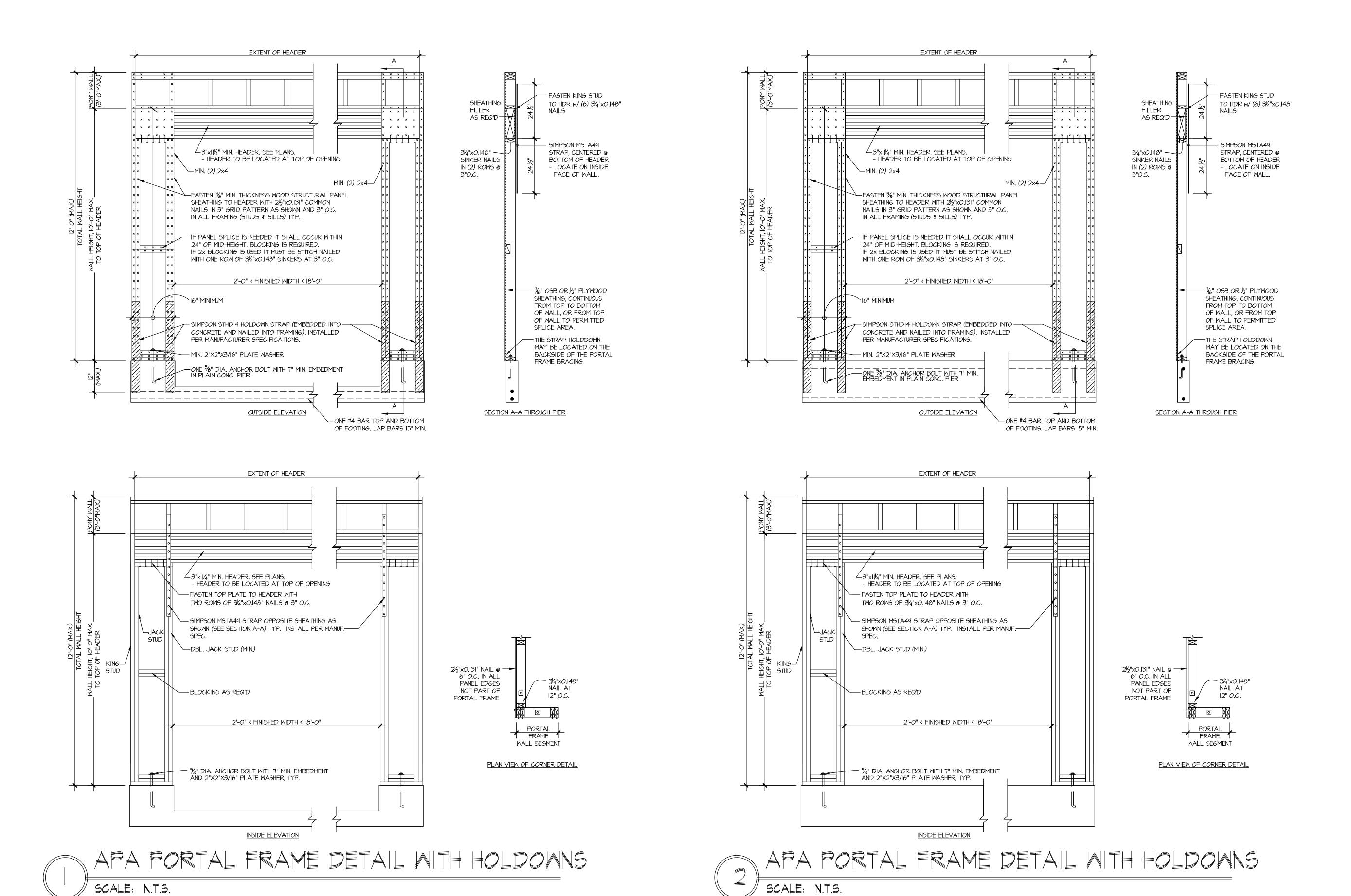
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BRACING **ATERAL**

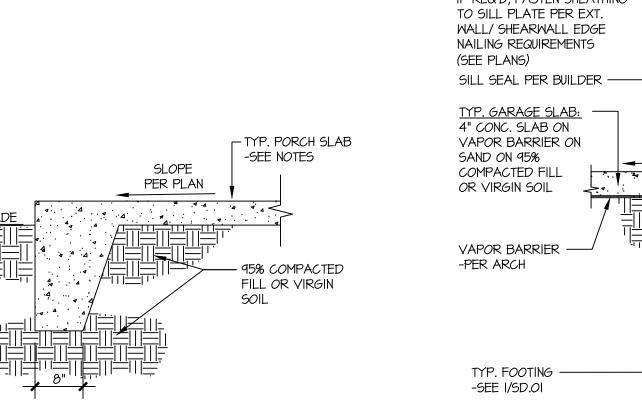
M&K project number: 154-21035 drawn by:

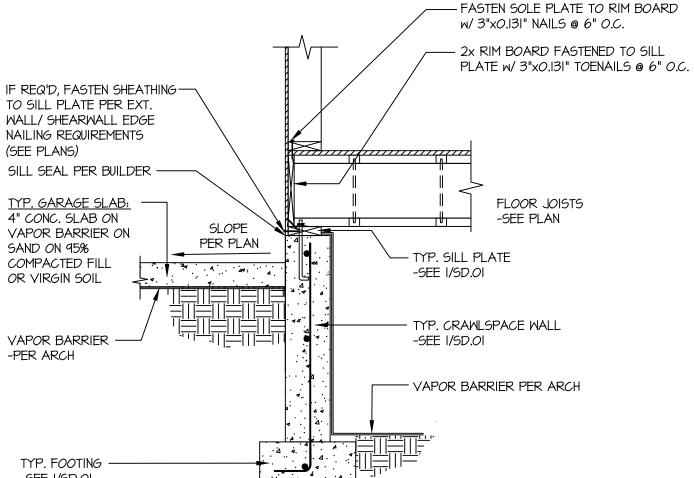
12-21-2 **REVISIONS:**

BRACING



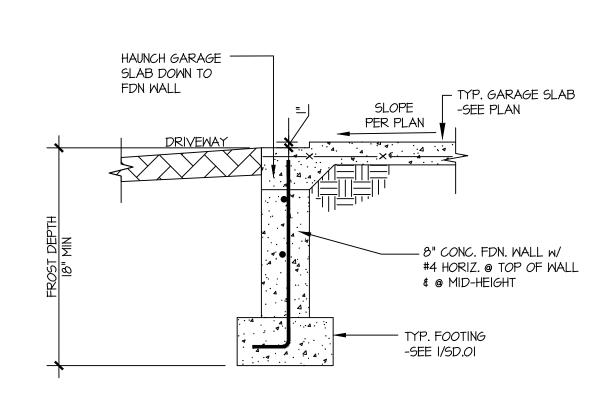
FASTEN SHEATHING TO -SILL PLATE PER EXT. - FASTEN SOLE PLATE TO WALL/ SHEATHING EDGE RIM BOARD w/ 3"x0.131" NAILING REQUIREMENTS NAILS @ 6" O.C. (SEE PLANS) - 2x8 P.T. PLATE w/ %" DIA. x 9" LONG A.B. @ 6' O.C. w/ 3"x3"x1/4" PLATE WASHER. PROVIDE (2) PER TYP. PORCH SLAB: 4" PLAIN CONC. SLAB PLATE, MIN. 12" FROM EACH END. ON 95% COMPACTED - FLOOR JOISTS -SEE PLAN SILL SEAL -PER BUILDER - TOP FLANGE JOIST HANGER COMPACTED --PER SUPPLIER BACKFILL - TYP. CRAWLSPACE WALL -SEE I/SD.OI 8" LONG #4 DOWELS -@ 12" O.C. HAMMERED -VAPOR BARRIER INTO ½" DIA. x 2" DEEP PER ARCH HOLES (NO EPOXY) TYP. FOOTING --SEE I/SD.OI



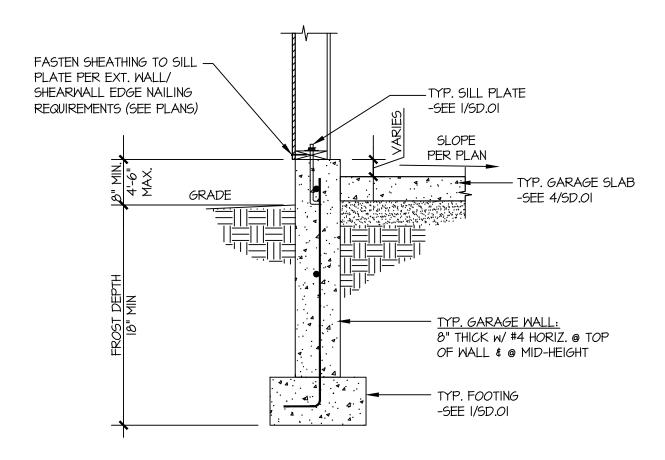


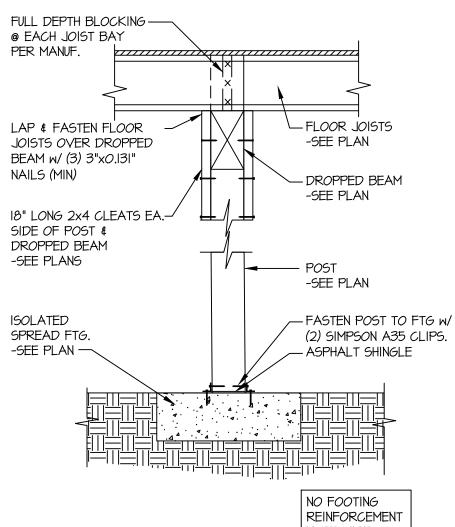
TYPICAL CRAWLSPACE FOUNDATION @ GARAGE

TYPICAL CRAWLSPACE FOUNDATION





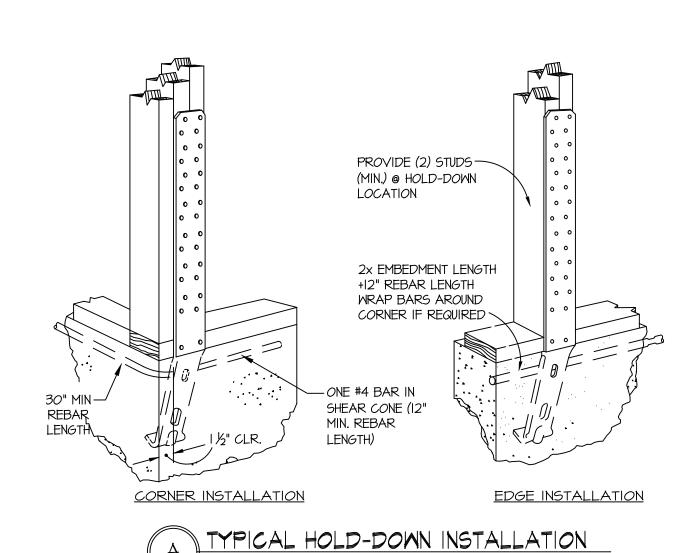




TYPICAL FOOTING @ PORCH SLAB

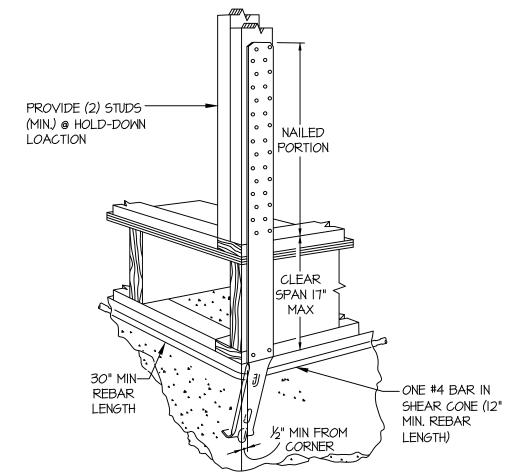


TYPICAL CONCRETE FOOTING @ GARAGE DOOR OPENING 5 SCALE: 3/4"=1'-0"



NOT TO SCALE

SIMPSON STHD HD @ FOUNDATION



TYPICAL EXT. GARAGE FOUNDATION

SCALE: 3/4"=1'-0"

TYPICAL HOLD-DOWN INSTALLATION

SIMPSON STHD HD @ FLOOR FRAMING



Janes. AS J. MART

A Sector.

M&K project number:

drawn by:

REVISIONS:

154-21035

12-21-2

RJZ

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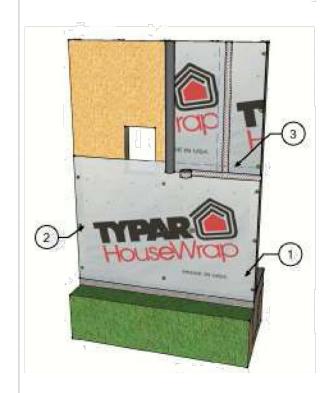
Vertical wall Installation

Install Typar® HouseWrap over an approved exterior sheathing after the framing is complete and before the windows and doors have been installed. Plastic capped fasteners should be used and spaced at 32" OC (vertically and horizontally) when being applied over 7/16" OSB or 15/32" plywood. When installing over metal framing use screws with washers. If the windows and doors have already been installed, trim the Typar WRB close to the window frame and flash according to the Typar Flashing instructions.

Start at the bottom of one end of the wall with the printed side facing out. When starting at a corner, overlap by a minimum of 12".

Place the housewrap roll horizontally and roll out the first course evenly, covering rough window and door openings. A minimum of a 1" (25.4 mm) overlap on the sill plate is required; however, for maximum protection, a 2-4" (51-102 mm) overlap on the sill plate is recommended.

Pull the Typar snug and avoid wrinkles and creases. Ensure that the product is level.



Fasten the Typar to the stud using plastic capped nails or plastic capped staples at 32" O.C. both horizontally and vertically.



STEP 3

The upper layer of Typar housewrap should overlap the bottom layer by a minimum of 6" (152 mm) vertically and horizontally. Ensure proper shingling throughout the installation to properly shed water. Once the structure is completely covered, tape all seams and penetrations using Typar® construction tape. (Please refer to the Typar® flashing instructions for more detailed instruction on penetrations and window flashing installation).

After the installation complete and before the exterior cladding is installed, inspect the Typar® for tears. Repair the issues with Typar Construction tape or Typar Flashing.



Window and Door Preparation

Preparing for Window Installation

After wrapping the structure and covering all rough openings. Cut a horizontal line across the top of the window opening. The cut should not extend past the rough opening.

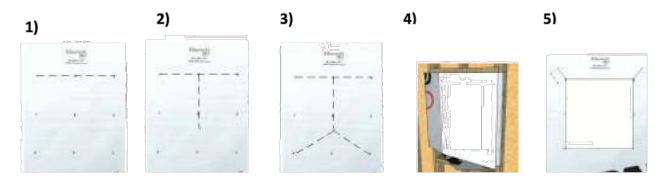
Start at the top center and make a vertical cut running two-thirds of the way down the opening.

From that stopping point, cut diagonally to both lower left and right corners of the opening.

Pull each of the flaps tightly inside the rough opening and attach them to the frame with nails,

staples, or tape.

STEP 5 At the window header, make a 6" diagonal cut at a 45 degree angle on both corners. Fold the material up exposing the sheathing. Now install the window or door according to the manufacturer instructions. The final step is to flash all seams and flanges securely (refer to Typar® Flashing instructions). Typar® flashing should also be installed in accordance with window manufacturer instructions and according to the ASTM 2112 standard.







Typical Window Flashing

Install the window sill pan according to the manufacturer's instructions. Alternatively, you can create a sill pan using Typar Flashing Flex. Cut a piece that is 12" longer than the length of the rough opening window sill.

Carefully pull off the release liner. Center the Flashing in the center of the rough opening and work you way toward the corners and then up the sides. Note: the flex flashing should overlap to the outside of the wall by 2-3". Only stretch the flashing in the corners.

Alternatively to above, you can create a sill pan by installing TYPAR Straight Flashing along the bottom sill and installing TYPAR Flashing Flex on the corners only.

If needed, secure the fanned edges of the TYPAR Flashing Flex with a plastic capped nail/ plastic capped staple.

STEP 2

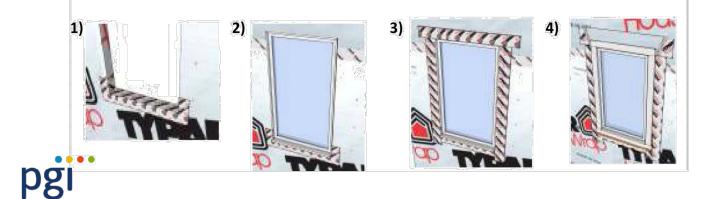
Apply a continuous bead of sealant to the back of the window or on the wall. Do not apply the sealant across the bottom of the sill or on the bottom of the window. This area is left open to allow for proper drainage.

Install the window according to the manufacturer's installation instructions.

Cut two pieces of Typar Flashing long enough to extend 1" above the window head flange and 1" below the window sill flange. Carefully peel off the release liner and apply the flashing on both sides of the window. Make sure to cover the entire window flange, press firmly either by hand or using a J-roller. Ensure there are no wrinkles or bubbles.

Cut a piece of Typar Flashing for the head flashing. Ensure that the piece is long enough to extend by 1' on both sides of the jamb flashing. Remove the release liner and carefully install the flashing. Cover the window flange and press firmly by hand or using a J-roller.

Release the upper flap of the WRB that you cut earlier. Tape the 45 degree cuts using Typar Construction Tape or Typar Flashing. DO NOT tape the WRB along the top of the window flange.

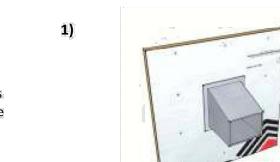




Flashing Penetrations Penetrations such as exhaust fans, exterior electrical outlets, dryer vents, exterior lights, and gas outlets are a common entrance for bulk water into the wall cavity. Using Typar flashing will ensure proper water hold out and maintain the integrity of the structure.

The method is similar to the flashing a window. Start by flashing the bottom of the penetration. Ensure to shingle the upper tape over the bottom tape.

Some penetrations have flanges, such as dryer vents. These penetrations should be flashed according to the details below.



Install the vent according to the manufacturer's recommendations. Trim the housewrap as close as possible around the perimeter of the vent.

Flash the vent using the same method as windows. Starting at the bottom flange; cut the flashing so that it extends past the flanges by 1" on both sides. Now apply the flashing to the sides of the vent. Remember to extend the flashing 1" on both top and bottom. Make sure to smooth out wrinkles and air bubbles. The use of a J-roller is optional.

STEP 3

The Final step is to install the flashing across the top. Extend the flashing out at least 1" on both

Note: This type of installation is suitable for several different penetrations. Always use the shingling method and ensure a tight seal around the flange/penetration.

Typar® HouseWrap is part of a complete Weather Protection System, which also includes Typar® Metro Wrap, Typar® Flashings and Construction tape

For more information, visit www.Typar.com



MADE IN USA. ICC #ESR-1404 • CCMC #12884-R • CCMC #12892-R Please visit typar.com for installation instructions and warranty information



7525 SE 24th St., 487 Mercer Island, WA 98040 425.266.9100

<u></u> Issue	Issue Date By	
Descriptio	n	
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plan name: -marketing name: plan number: --

mark sys. number:--

Conditions not specifically represented graphically or in writing or which conflict with the current International Residential Code (IRC.) or those of the local municipality then the current standards and requirements of each

respectively shall govern.

The drawings in this set are instruments of service and shall remain the property of JayMarc Homes, LLC.

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Submittal Date

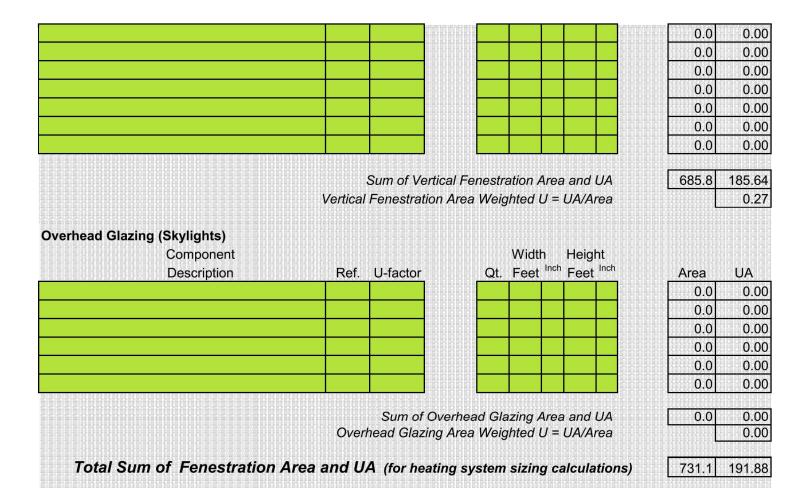
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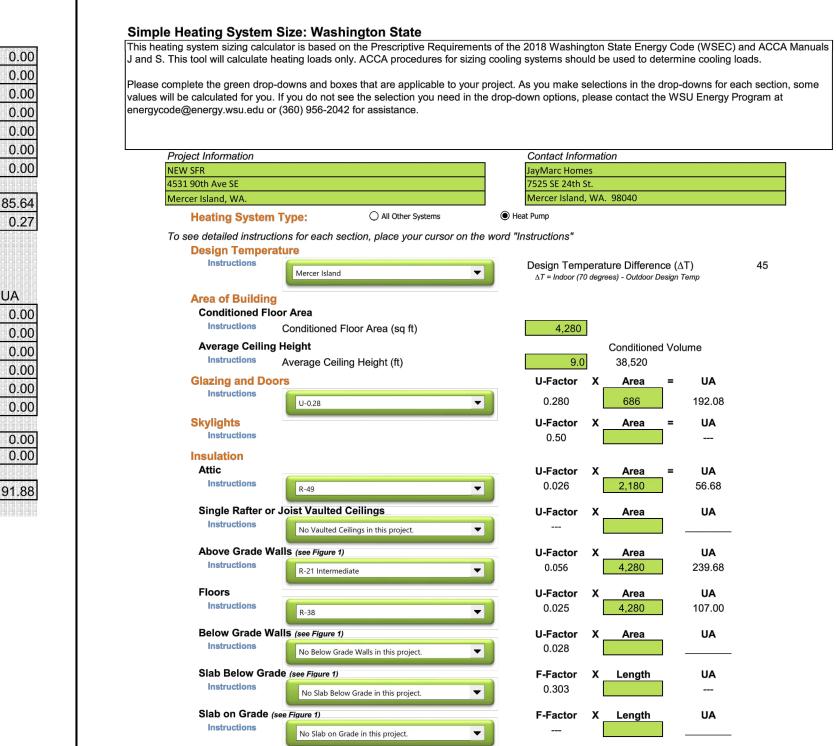
Design Firm

Drawn by:

Checked by:







Ducts in conditioned space: sum of building heat loss x 1 Building and duct heat loss x 1.40 for forced air furnace

(07/01/13)

26,795 Btu / Hour

18,721 Btu / Hour

45,516 Btu / Hour

Duct Leakage Coefficient

Ducts in unconditioned space: sum of building heat loss x 1.10

4531 90th Ave SE, Mercer Island, WA.

Instructions: This single-family project will use the requirements of the Prescriptive Path below and incorporate the minimum values listed. Based on the size of the structure, the appropriate number of additional credits are checked as chosen by the permit applicant.

Provide all information from the following tables as building permit drawings: Table R402.1 - Insulation and Fenestration Requirements by Component, Table R406.2 - Fuel Normalization Credits and 406.3 - Energy Credits.

Authorized Representative Ryan Redman Digitally signed by Ryan Redman Date: 2021.03.05 11:48:40 -08'00' Date 01/18/2022

All Climate Zones (Table R402.1.1) U-Factor ^a 0.30 Fenestration U-Factor b Skylight U-Factor b 0.50 n/a n/a Glazed Fenestration SHGC b,e 0.026 Wood Frame Wall g,h 21 int 0.056 0.029 Below Grade Wall c, 10/15/21 int + TB 0.042 Slab d,f R-Value & Depth 10, 2 ft

- R-values are minimums. U-factors and SHGC are maximums. When insulation is installed in a cavity that is less a than the label or design thickness of the insulation, the compressed R-value of the insulation from Appendix Table A101.4 shall not be less than the *R*-value specified in the table.
- b The fenestration *U*-factor column excludes skylights.
- "10/15/21 +5TB" means R-10 continuous insulation on the exterior of the wall, or R-15 continuous insulation on the interior of the wall, or R-21 cavity insulation plus a thermal break between the slab and the basement wall at c the interior of the basement wall. "10/15/21 +5TB" shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulation on the interior or exterior of the wall. "5TB"
- means R-5 thermal break between floor slab and basement wall.
- d R-10 continuous insulation is required under heated slab on grade floors. See Section R402.2.9.1. For single rafter- or joist-vaulted ceilings, the insulation may be reduced to R-38 if the full insulation depth extends over the top plate of the exterior wall.
- R-7.5 continuous insulation installed over an existing slab is deemed to be equivalent to the required perimeter f slab insulation when applied to existing slabs complying with Section R503.1.1. If foam plastic is used, it shall meet the requirements for thermal barriers protecting foam plastics.
- For log structures developed in compliance with Standard ICC 400, log walls shall meet the requirements for g climate zone 5 of ICC 400.
- h framing 16 inches on center, 78% of the wall cavity insulated and headers insulated with a minimum of R-10
- Int. (intermediate framing) denotes framing and insulation as described in Section A103.2.2 including standard

2018 Washington State Energy Code – Residential Prescriptive Energy Code Compliance for All Climate Zones in Washington Single Family - New & Additions (effective February 1, 2021)

Each dwelling unit *in a residential building* shall comply with sufficient options from Table R406.2 (fuel normalization credits) and Table 406.3 (energy credits) to achieve the following minimum number of credits. To claim this credit, the building permit drawings shall specify the option selected and the maximum tested building air leakage, and show the qualifying ventilation system and its control sequence

- of operation.
- 1. Small Dwelling Unit: 3 credits Dwelling units less than 1.500 sf in conditioned floor area with less than 300 sf of fenestration area.
- Additions to existing building that are greater than 500 sf of heated floor area but less than 1,500 sf.
- 2. Medium Dwelling Unit: 6 credits All dwelling units that are not included in #1 or #3
- 3. Large Dwelling Unit: 7 credits
- Dwelling units exceeding 5,000 sf of conditioned floor area

4. Additions less than 500 square feet: 1.5 credits All other additions shall meet 1-3 above

Before selecting your credits on this Summary table, review the details in Table 406.3 (Single Family), on page 4.

	Summary of	Та	ble R406.2		
Heating Options	Fuel Normalization Descriptions			elect ONE option	User Notes
1	Combustion heating minimum NAECA ^b		0.0	0	
2	Heat pump ^c		1.0	•	
3	Electric resistance heat only - furnace or zonal		-1.0	0	
4	DHP with zonal electric resistance per option 3.4		0.5	0	
5	All other heating systems		-1.0	0	
Energy Options	Energy Credit Option Descriptions		Credits - select ONE energy option from each category d		
1.1	211111111111111111111111111111111111111		0.5	0	
1.2	Efficient Building Envelope		1.0	0	
1.3	Efficient Building Envelope		0.5	•	
1.4	Efficient Building Envelope		1.0	0	
1.5	Efficient Building Envelope		2.0	0	
1.6	Efficient Building Envelope		3.0	0	
1.7	Efficient Building Envelope	0	0.5	0	
2.1	Air Leakage Control and Efficient Ventilation		0.5	•	
2.2	Air Leakage Control and Efficient Ventilation		1.0	0	
2.3	Air Leakage Control and Efficient Ventilation		1.5	0	
2.4	Air Leakage Control and Efficient Ventilation	0	2.0	0	
3.1ª	High Efficiency HVAC		1.0	0	
3.2	High Efficiency HVAC		1.0	0	
3.3ª	High Efficiency HVAC		1.5	0	
3.4	High Efficiency HVAC		1.5	0	
3.5	High Efficiency HVAC		1.5	•	
3.6ª	High Efficiency HVAC	0	2.0	0	
4.1	High Efficiency HVAC Distribution System		0.5	0	
4.2	High Efficiency HVAC Distribution System	0	1.0	•	

2018 Washington State Energy Code – Residential Prescriptive Energy Code Compliance for All Climate Zones in Washington Single Family – New & Additions (effective February 1, 2021)

Sum of UA

Envelope Heat Load

Volume x 0.6 x ∆T x 0.018

Building Design Heat Load

Air leakage + envelope heat loss

Building and Duct Heat Load

Maximum Heat Equipment Output

Building and duct heat loss x 1.25 for heat pump

Sum of UA $x \Delta T$ Air Leakage Heat Load

	Summary of Table R406.2 (cont.)						
Energy Options	Energy Credit Option Descriptions (cont.)	Credits - select ONE energy option from each category d		User Notes			
5.1 ^d	Efficient Water Heating	0.5					
5.2	Efficient Water Heating	0.5	0				
5.3	Efficient Water Heating	1.0	0				
5.4	Efficient Water Heating	1.5	0				
5.5	Efficient Water Heating	2.0	•				
5.6	Efficient Water Heating	2.5	0				
6.1 ^e	Renewable Electric Energy (3 credits max)	1.0					
7.1	Appliance Package	0.5					
Total Credits			6.5	Calculate Total Clear Form			

- a. An alternative heating source sized at a maximum of 0.5 W/sf (equivalent) of heated floor area or 500 W, whichever is bigger, may be installed in the dwelling unit. b. Equipment listed in Table C403.3.2(4) or C403.3.2(5)
- c. Equipment listed in Table C403.3.2(1) or C403.3.2(2)

Location of Ducts

Instructions

- d. You cannot select more than one option from any category EXCEPT in category 5. Option 5.1 may be combined with options 5.2 through 5.6. See Table 406.3.
- e. 1.0 credit for each 1,200 kWh of electrical generation provided annually, up to 3 credits max.
- See the complete Table R406.2 for all requirements and option descriptions.
- f. Use the single radiobutton in the upper right of the second column to deselect radiobuttons in that group.

Please print only pages 1 through 3 of this worksheet for submission to your building office

PROVIDE HEATING AND COOLING DESIGN LOADS CALCULATION FOR SIZING THE HVAC SYSTEM PER WSEC-R403.7

PER WSEC R402.4, THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE. THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE CODE OFFICIAL (R402.4.1.2).

PER WSEC R403.3.3, DUCTS, AIR HANDLERS, AND FILTER BOXES SHALL BE SEALED AND BE LEAK TESTED.

PER WSEC R404.1, A MINIMUM OF 90 PERCENT OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXURES SHALL BE HIGH EFFICIENCY LAMPS.

PROVIDE CERTIFICATE REPORT PER R405.4.2 IN 2018 MSEC.

7525 SE 24th St., 487 Mercer Island, WA 98040 425.266.9100

Description

*0*1.20.22 S.K. REVISIONS

d b Oth Isla

plan name: marketing name: XXXXXX ı plan number: mark sys. number:--

Conditions not specifically represented graphically or in writing or which conflict with the current International Residential Code (IRC.) or those of the local municipality then the current standards and requirements of each respectively shall govern.

The drawings in this set are

instruments of service and shall remain the property of JayMarc Homes, LLC.

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*0*1.21.22 Submittal Date

Sheet Title/Description

JAYMARC HOMES Design Firm

Drawn by:

R.R./ S.K. Checked by:

Primary Scale



Prescriptive Path – Single Family

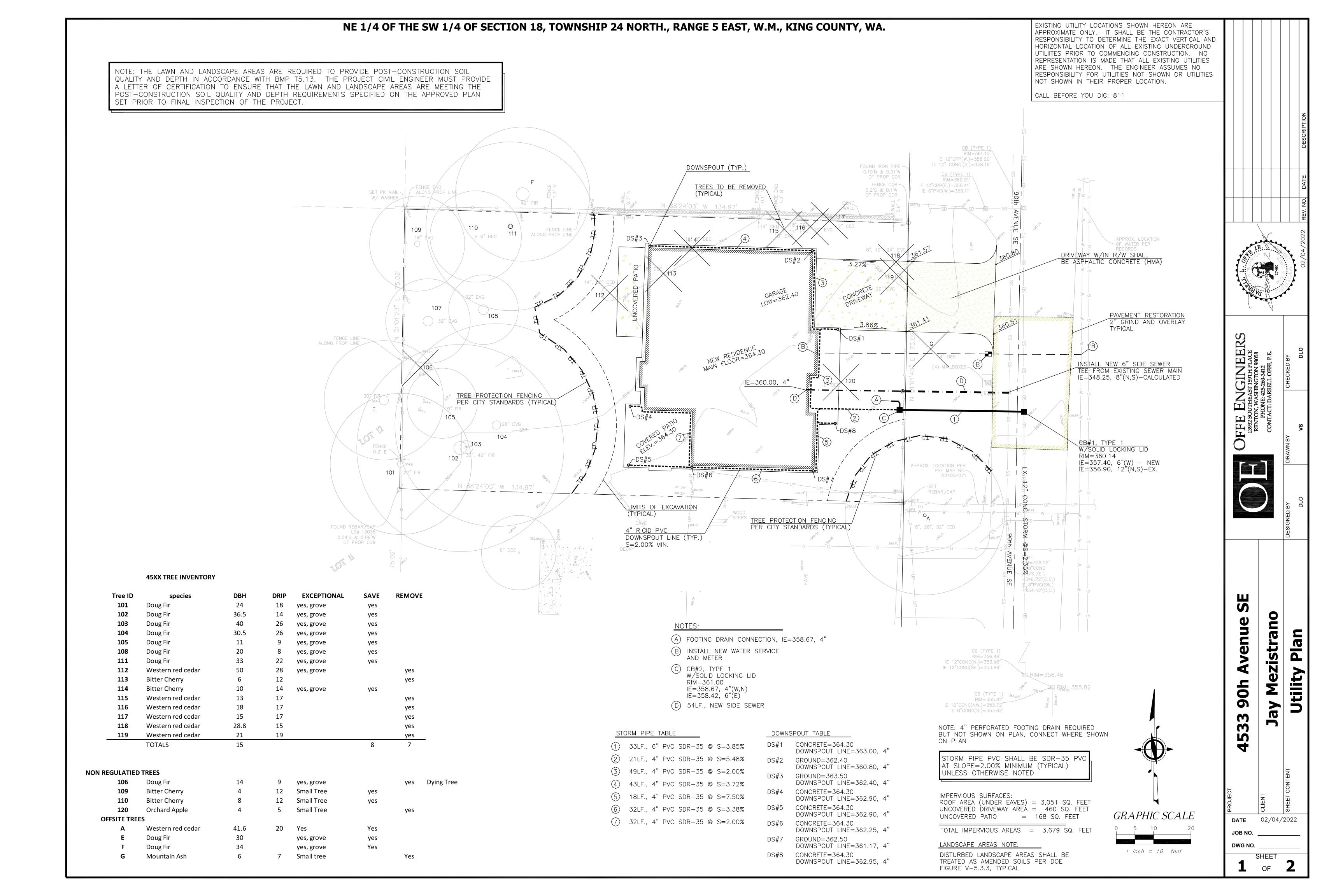
2018 Washington State Energy Code-R

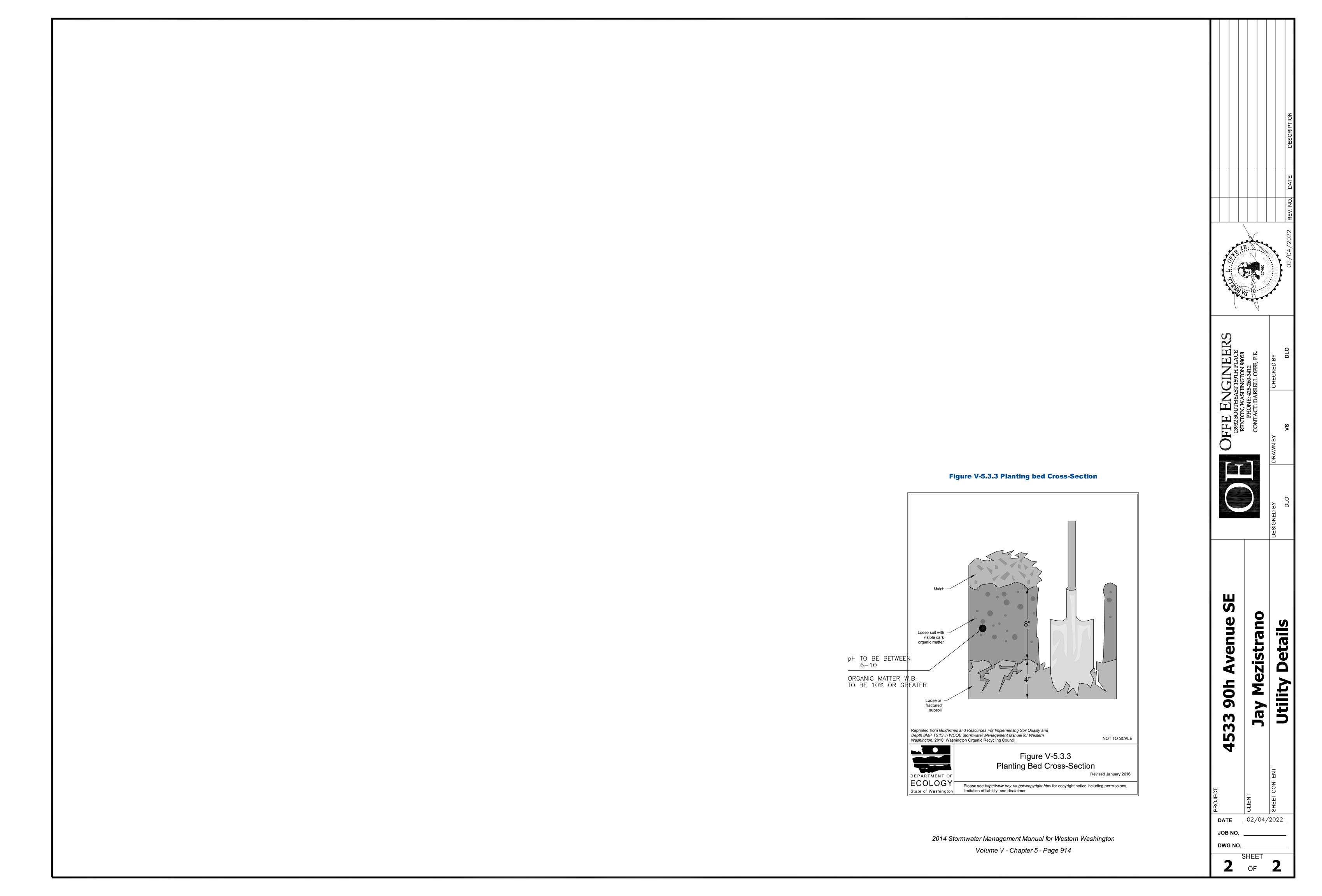
Prescriptive Path - Single Family

2018 Washington State Energy Code-R

Prescriptive Path - Single Family

E2018 Washington State Energy Code-R





FOR PARCEL# 0191100190

(PER PERSONAL REPRESENTATIVE'S DEED RECORDING#

LOT 6, BLOCK 3, ALLVIEW HEIGHTS ADDITION TO SEATTLE, ACCORDING TO THE PLAT RECORDED IN VOLUME 16 OF PLATS, PAGE 20, IN KING COUNTY, WASHINGTON; TOGETHER WITH THE EAST VACATED ALLEY ADJOINING ON THE WEST, VACATED ON FEBRUARY 29 1960, IN VOLUME 64 OF COMMISSIONER'S RECORDS, PAGE 609.

FOR PARCEL# 0191100195

(PER PERSONAL REPRESENTATIVE'S DEED RECORDING# 20200115000187)

LOT 7, BLOCK 3, ALLVIEW HEIGHTS ADDITION TO SEATTLE, ACCORDING TO THE PLAT RECORDED IN VOLUME 16 OF PLATS, PAGE 20, IN KING COUNTY, WASHINGTON; TOGETHER WITH THE EAST VACATED ALLEY ADJOINING ON THE WEST, VACATED ON FEBRUARY 29 1960, IN VOLUME 64 OF COMMISSIONER'S RECORDS, PAGE 609.

BASIS OF BEARINGS

HELD N 01°01'40" E BETWEEN MONUMENTS FOUND ON THE CENTERLINE OF 90TH AVE SE PER GPS OBSERVATIONS, NAD83 WASHINGTON STATE PLANE, NORTH ZONE.

REFERENCES

R1. PLAT OF ALLVIEW HEIGHTS ADDITION, VOL. 16, PG. 20, RECORDS OF KING COUNTY, WASHINGTON.

VERTICAL DATUM

NAVD88, PER GPS OBSERVATIONS.

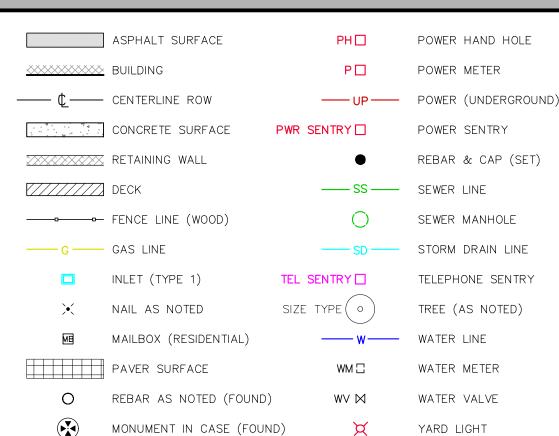
SURVEYOR'S NOTES

- 1. THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN MAY OF 2021. THE FIELD DATA WAS COLLECTED AND RECORDED ON MAGNETIC MEDIA THROUGH AN ELECTRONIC THEODOLITE. THE DATA FILE IS ARCHIVED ON DISC OR CD. WRITTEN FIELD NOTES MAY NOT EXIST. CONTOURS ARE SHOWN FOR CONVENIENCE ONLY. DESIGN SHOULD RELY ON SPOT ELEVATIONS.
- 2. ALL MONUMENTS SHOWN HEREON WERE LOCATED DURING THE COURSE OF THIS SURVEY UNLESS OTHERWISE NOTED.
- 3. THE TYPES AND LOCATIONS OF ANY UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED TO US, BY OTHERS OR GENERAL INFORMATION READILY AVAILABLE IN THE PUBLIC DOMAIN INCLUDING, AS APPLICABLE, IDENTIFYING MARKINGS PLACED BY UTILITY LOCATE SERVICES AND OBSERVED BY TERRANE IN THE FIELD. AS SUCH, THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE RELIED ON FOR DESIGN OR CONSTRUCTION PURPOSES; TERRANE IS NOT RESPONSIBLE OR LIABLE FOR THE ACCURACY OR COMPLETENESS OF THIS UTILITY INFORMATION. FOR THE ACCURATE LOCATION AND TYPE OF UTILITIES NECESSARY FOR DESIGN AND CONSTRUCTION, PLEASE CONTACT THE SITE OWNER AND THE LOCAL UTILITY LOCATE SERVICE (800-424-5555).
- 4. SUBJECT PROPERTY TAX PARCEL NO. 019110-0190 & 019110-0195
- 5. SUBJECT TOTAL PROPERTY AREA PER THIS SURVEY IS 20,250 ±S.F. (0.46 ACRES) FOR PARCEL# 019110-0190 AREA= 10,125 ±S.F. (0.23 ACRES)
- 6. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT. EASEMENTS AND OTHER ENCUMBRANCES MAY EXIST THAT ARE NOT SHOWN HEREON.

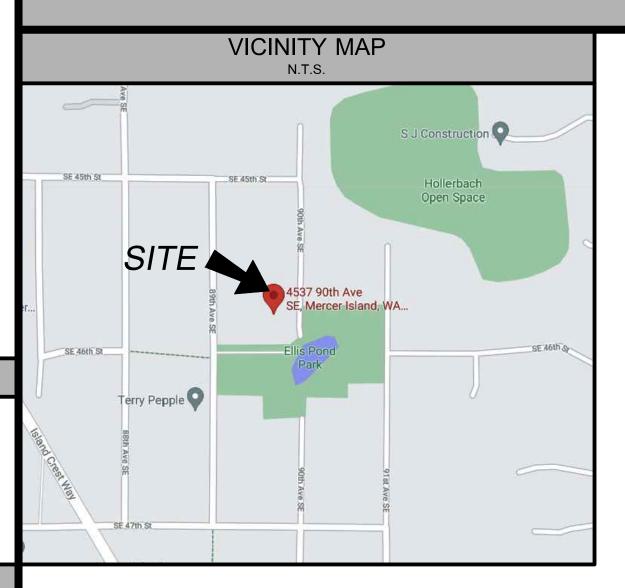
FOR PARCEL# 019110-0195 AREA= 10,125 ±S.F. (0.23 ACRES)

7. FIELD DATA FOR THIS SURVEY WAS OBTAINED BY DIRECT FIELD MEASUREMENTS WITH A CALIBRATED ELECTRONIC 5—SECOND TOTAL STATION AND/OR SURVEY GRADE GPS OBSERVATIONS. ALL ANGULAR AND LINEAR RELATIONSHIPS ARE ACCURATE AND MEET THE STANDARDS SET BY WAC 332—130—090.

LEGEND



TOPOGRAPHIC & BOUNDARY SURVEY



STEEP SLOPE/BUFFER DISCLAIMER:

THE LOCATION AND EXTENT OF STEEP SLOPES SHOWN ON THIS DRAWING ARE FOR

INFORMATIONAL PURPOSES ONLY AND CANNOT BE RELIED ON FOR DESIGN AND/OR

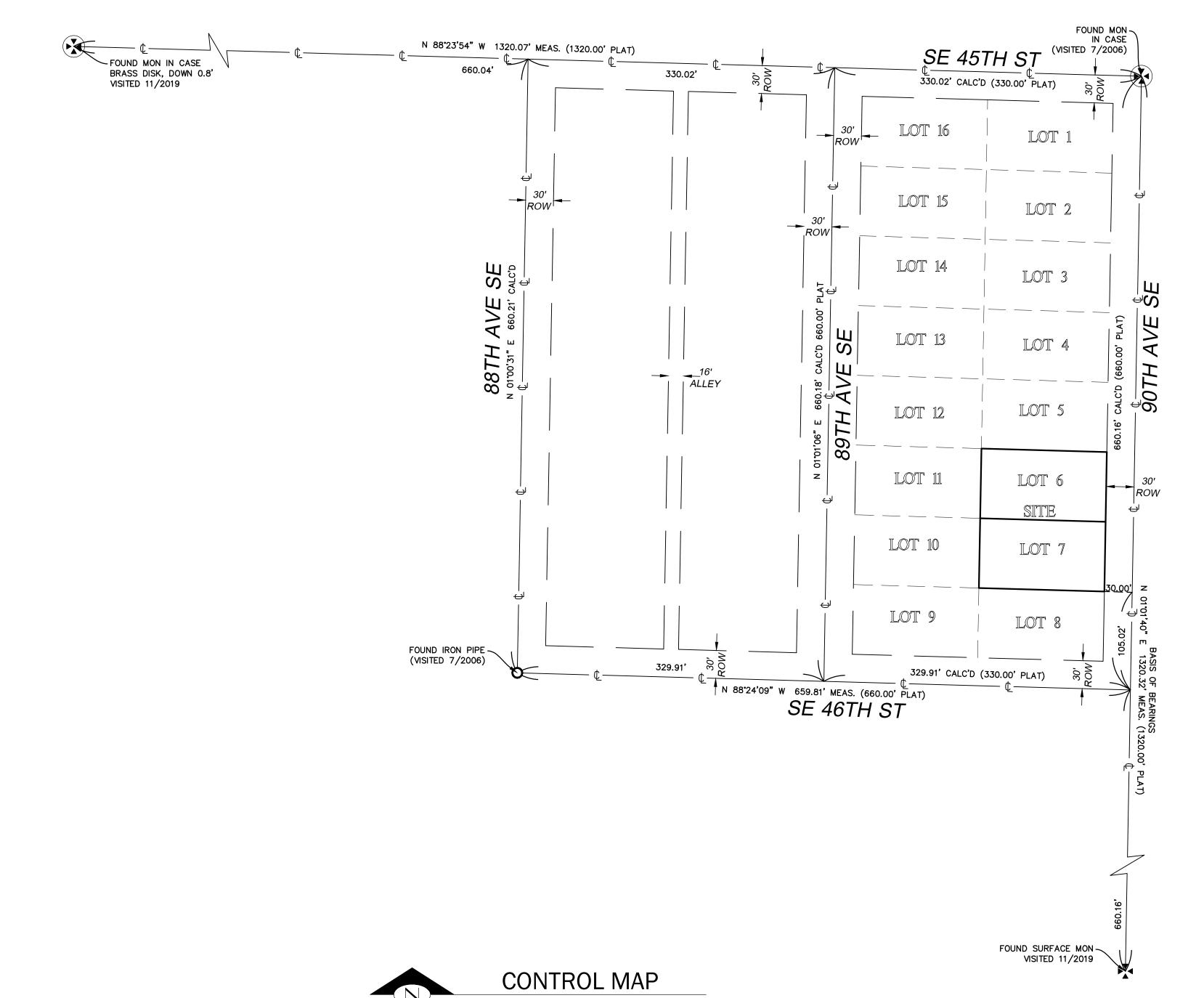
CONSTRUCTION. THE PITCH, LOCATION, AND EXTENT ARE BASED SOLELY ON OUR

GENERAL OBSERVATIONS ON SITE AND OUR CURSORY REVIEW OF READILY AVAILABLE

THE LIMITS AND EXTENT OF ANY STEEP SLOPES ASSOCIATED WITH ANY SETBACKS OR OTHER DESIGN OR CONSTRUCTION PARAMETERS MUST BE DISCUSSED AND APPROVED

PUBLIC DOCUMENTS; AS SUCH, TERRANE CANNOT BE LIABLE OR RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY STEEP SLOPE INFORMATION. ULTIMATELY,

BY THE REVIEWING AGENCY BEFORE ANY CONSTRUCTION CAN OCCUR.



JOB NUMBER:

DRAFTED BY:

CHECKED BY:

INDEXING INFORMATION

SECTION: 18

TOWNSHIP: 24N

RANGE: 05E, W.M.

COUNTY: KING

<u>NE</u> 1/4 <u>SW</u> 1/4

REVISION HISTORY

SHEET NUMBER

1 OF 2

05/12/21

IDV / GKD

TBR / JGM

