



3D DIMENSIONAL VIEW SHOWS ROUGH DESIGN INTENT ONLY. FOR ALL TECHNICAL DETAILS OR PROJECT SPECIFICS REFER TO ORTHOGRAPHIC DRAWINGS. VIEW FROM REAR YARD

GENERAL INFORMATION

PROJECT ADDRESS	2420 63RD AVE SE MERCER ISLAND, WA 98040	PROJECT DATA	
ASSESSOR'S PARCEL #	4099500515	SQUARE FOOT SUMMARY	EXISTING (NET CONDITIONED) 1935.31 SF PROPOSED (NET CONDITIONED) 2240.66 SF EXISTING (NET NON-CONDITIONED) 891.29 SF PROPOSED (NET NON-CONDITIONED) 891.29 SF, NO CHANGE PROPOSED TOTAL SF 3131.95 SF
LEGAL DESCRIPTION	LAKE VIEW PLACE EAST SEATTLE PLAT BLOCK: 5 PLAT LOT: 7-B	LOT COVERAGE SUMMARY	EXISTING LOT 6000 SF NET LOT AREA 4950 SF TOTAL PROPOSED COVERAGE 1966.36 SF PROPOSED LOT COVERAGE 39.7% (40% ALLOWED BASED ON LOT 11% LOT SLOPE)
PROJECT DESCRIPTION	REPAIR AND REFINISH BASEMENT STAIRS, ADD A SUNROOM AND AN OFFICE, RELOCATE AND RENOVATE THE POWDER ROOM, DEMO THE DECK AND ADD A NEW PATIO.	SETBACKS	SIDE YARD 5' MIN. SUM OF SIDEYARDS SHALL BE 15' FRONT YARD 20' REAR YARD 25'
ZONE	RB 4	OCCUPANCY SUMMARY	EXISTING TYPE R-3 OCCUPANT LOAD SINGLE FAMILY
BUILDING TYPE	SINGLE FAMILY RESIDENCE	ENERGY CODE SUMMARY	CLIMATE ZONE 1 (TABLE 6-1) PRESCRIPTIVE OPTION III UNLIMITED GLAZING GLAZING U-FACTOR (VERTICAL): .30 GLAZING U-FACTOR (OVERHEAD): .50 DOOR U-FACTOR: .20 CEILING: R-49 VAULTED CEILING: R-38 WALL ABOVE GRADE: R-21 WALL BELOW GRADE (INT.): R-21 (INT.) OR R-10 (EXT.) SLAB ON GRADE @ BASEMENT: R-10
PROJECT DIRECTORY		HEATING	INSTALLED PER MERCER ISLAND MECHANICAL CODE. WORK TO BE COMPLETED UNDER A SEPARATE PERMIT.
OWNER	GEORGIA MILLER AND TIMOTHY BLOOD 2420 63RD AVE SE MERCER ISLAND, WA 98040	VENTILATION	FANS ON TIMERS, PER PLANS. VOLUME OF REQUIRED OUTDOOR VENTILATION AIR TO BE PROVIDED BASED ON TABLE 403.3 OF THE MERCER ISLAND MECHANICAL CODE.
ARCHITECT	RAIN CITY ARCHITECTURE 206.636.1163 rcr@raincityarchitecture.com		* PLUMBING, MECHANICAL, ELECTRICAL WORK TO BE PERMITTED SEPARATELY.
GENERAL CONTRACTOR	TOEPHER CONSTRUCTION		

AVERAGE BUILDING HEIGHT CALCULATION

$$\frac{(9'6\frac{1}{4} \times 112'9\frac{1}{2}) + (7'1\frac{1}{4} \times 112'11\frac{1}{2}) + (9'7' \times 113'2\frac{1}{2}) + (12'7\frac{1}{2} \times 114'7\frac{1}{2}) + (12'3' \times 114'8\frac{1}{2}) + (8'7' \times 114'10\frac{1}{2}) + (15'0\frac{1}{2} \times 114'10\frac{1}{2}) + (8'7' \times 114'10\frac{1}{2}) + (14'3' \times 114'8\frac{1}{2}) + (12'7\frac{1}{2} \times 114'8\frac{1}{2}) + (14'4\frac{1}{2} \times 113'0\frac{1}{4}) + (11'10' \times 112'7\frac{1}{2}) + (4'10' \times 112'11\frac{1}{2}) + (13'10\frac{1}{4} \times 112'9\frac{1}{2}) + (10'6' \times 115'3\frac{1}{2}) + (14'3\frac{3}{4} \times 107'11\frac{1}{2})}{179'10\frac{1}{2}'} = 20359.01 \text{ SF} \quad \text{--- } 113'5\frac{7}{8}' \text{ A.B.E.}$$

LOT SLOPE CALCULATION

122'-3" (HIGHEST POINT) - 109'-11" (LOWEST POINT) = 12' - 4"
HORIZONTAL DISTANCE BETWEEN HIGH AND LOW POINTS = 112' - 0 1/2"
LOT SLOPE = 12'-4" / 112'-0 1/2" = .1100781 = 11%

LOT COVERAGE CALCULATION

EXISTING HOUSE = 1391.84 SF
DRIVE WAY = 205.47 SF
ADDITION = 422.37 SF
EXISTING HOUSE REMOVED = -53.32 SF
TOTAL PROPOSED COVERAGE = 1966.36 SF

GROSS LOT AREA = 6000 SF
EXISTING EASEMENTS = 1050 SF
NET LOT AREA = 4950 SF
ALLOWED COVERAGE (40%) = 1980 SF

GROSS FLOOR AREA CALCULATION

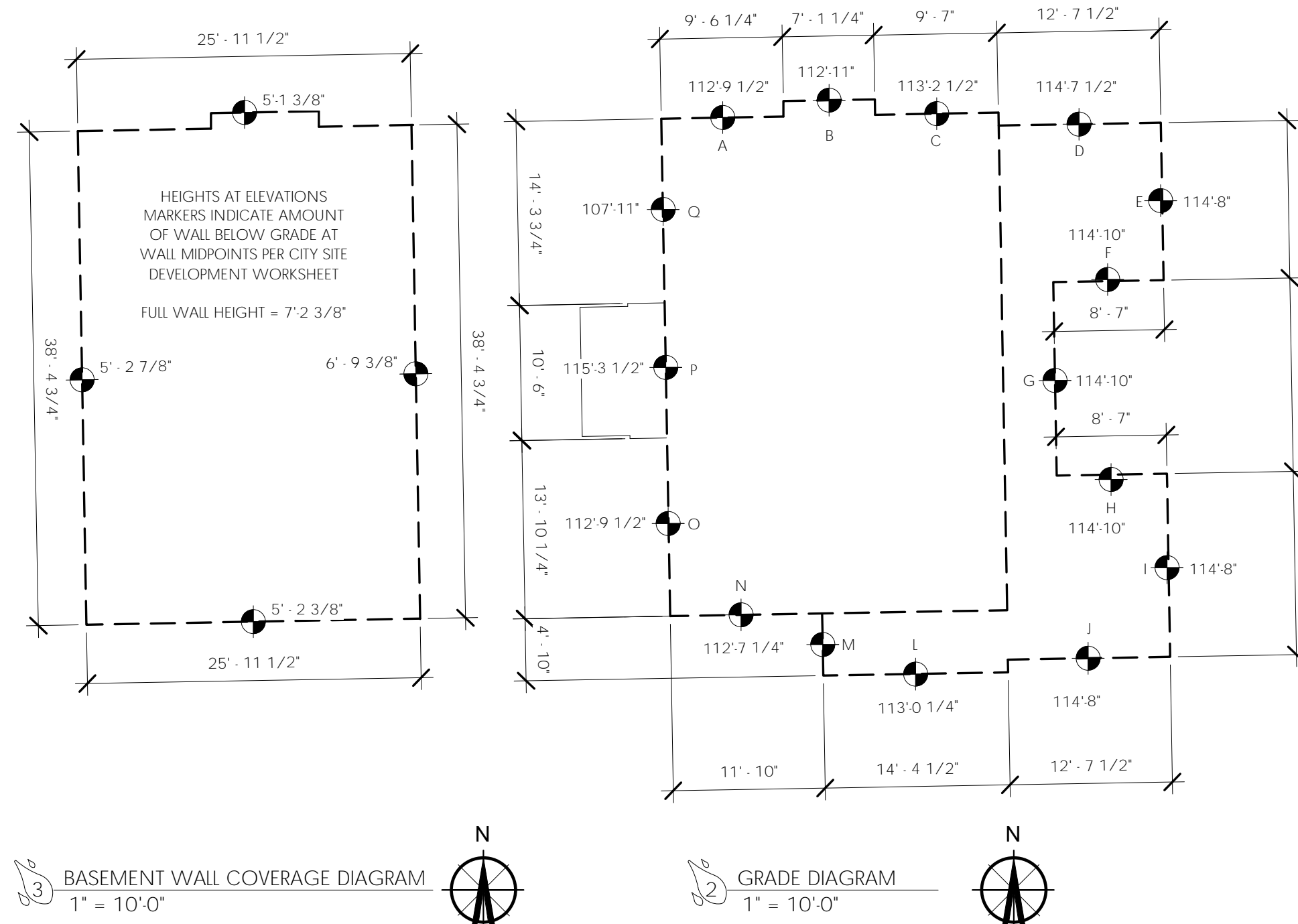
BUILDING AREA	EXISTING BUILDING AREA	NEW ADDITION AREA	TOTAL
UPPER FLOOR	1015 SF	0	1015 SF
MAIN FLOOR	1105.81 SF	336.83 SF	1442.64 SF
BASEMENT AREA	636.33 SF	0	636.33 SF
BASEMENT GARAGE AREA	361.49 SF	0	361.49 SF
EXCLUDED BASEMENT AREA	785.28 SF	0	785.28 SF

BASEMENT EXCLUSION CALC			
WALL	WALL LENGTH	COVERAGE	RESULT
NORTH	25' - 11 1/2"	5'-1 3/8" / 7'-2 3/8" = 71.06%	18.45
SOUTH	25' - 11 1/2"	5'-2 3/8" / 7'-2 3/8" = 72.2%	18.74
EAST	38' - 4 3/4"	6'-9 3/8" / 7'-2 3/8" = 94.2%	36.17
WEST	38' - 4 3/4"	5'-2 7/8" / 7'-2 3/8" = 72.79%	27.94
TOTAL	128.71'		101.3

101.3 / 128.71 = 78.7% EXCLUSION
TOTAL BASEMENT AREA = 997.82 SF
TOTAL EXCLUDED AREA = 785.28 SF
ALLOWED GROSS FLOOR AREA = 2700 SF (45% OF LOT AREA FOR LOTS UNDER 7500SF)
PROPOSED GROSS FLOOR AREA = 2670.18 SF (44.5% OF LOT AREA)

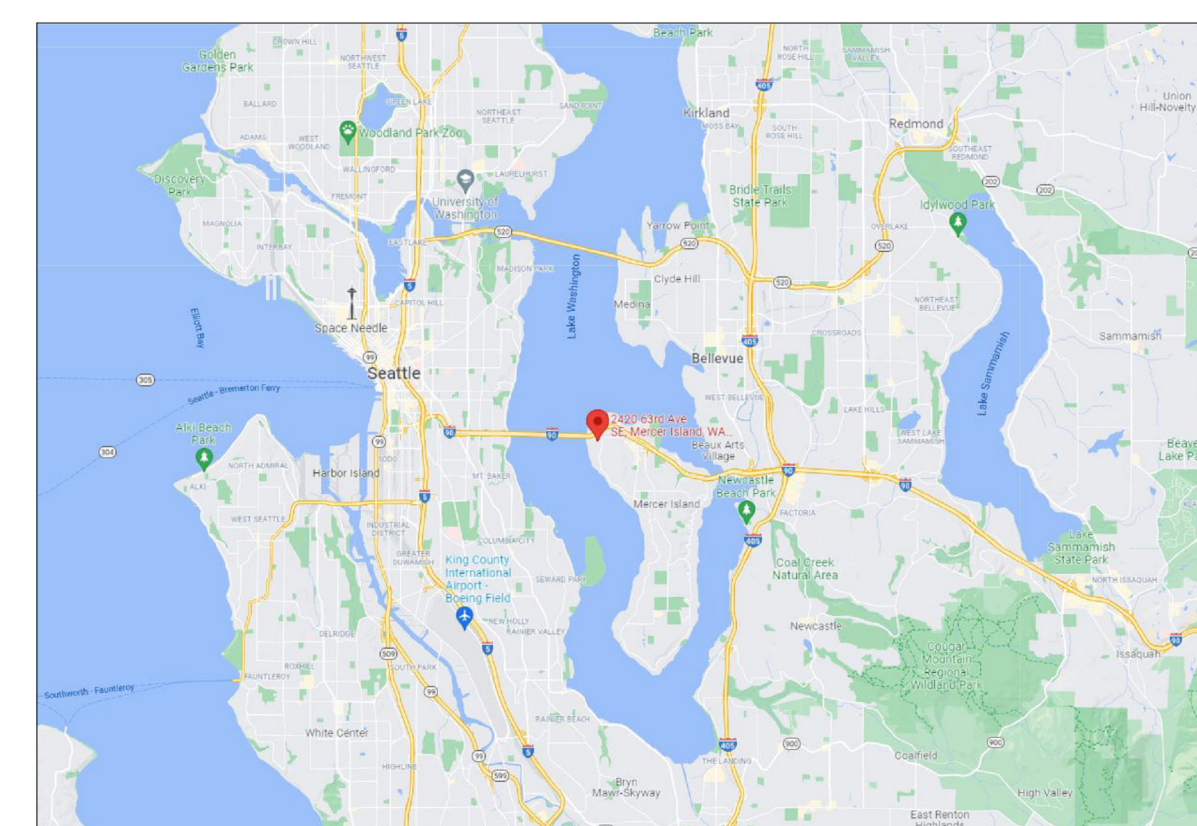
HARDSCAPE CALCULATION

GROSS LOT AREA = 6000 SF
EXISTING EASEMENTS = 1050 SF
NET LOT AREA = 4950 SF
EXISTING HARDSCAPE = 706.4
ADDED HARDSCAPE = 132.97
REMOVED HARDSCAPE = 399.56 SF
ALLOWED HARDSCAPE (9% LEFTOVER LOT COVERAGE) = 445.5 SF + 14.31 = 459.96 SF
TOTAL PROPOSED HARDSCAPE = 439.81

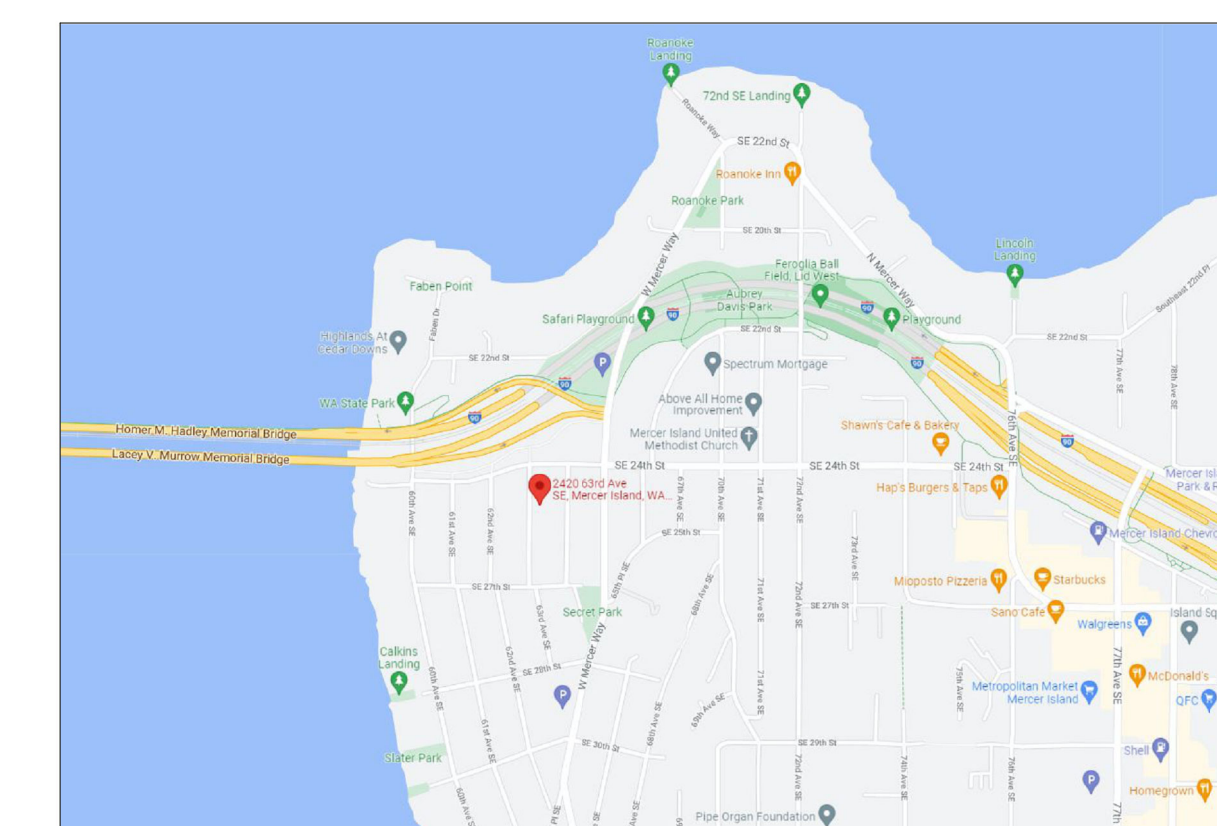


SHEET INDEX

DISCIPLINE	SHEET NAME	SHEET NUMBER
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	GENERAL NOTES, SYMBOLS, & ABBREV	A002
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	DEMO MAIN FLOOR	D1.0
	UPPER FLOOR AND ROOF PLAN	A201
	EXTERIOR ELEVATIONS	A300
	SECTIONS	A400
	FINISH SCHEDULE	A601
	STRUCTURAL	GENERAL STRUCTURAL NOTES
MAIN FLOOR FRAMING AND FOUNDATION PLANS		S2.1
ROOF AND UPPER FLOOR FRAMING PLAN		S2.2
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TYPICAL WOOD DETAILS		S4.2



VICINITY PLAN



LOCATION PLAN

MILLER BLOOD RESIDENCE
 2420 63RD AVE SE
 MERCER ISLAND, WA 98040

SITE PLAN

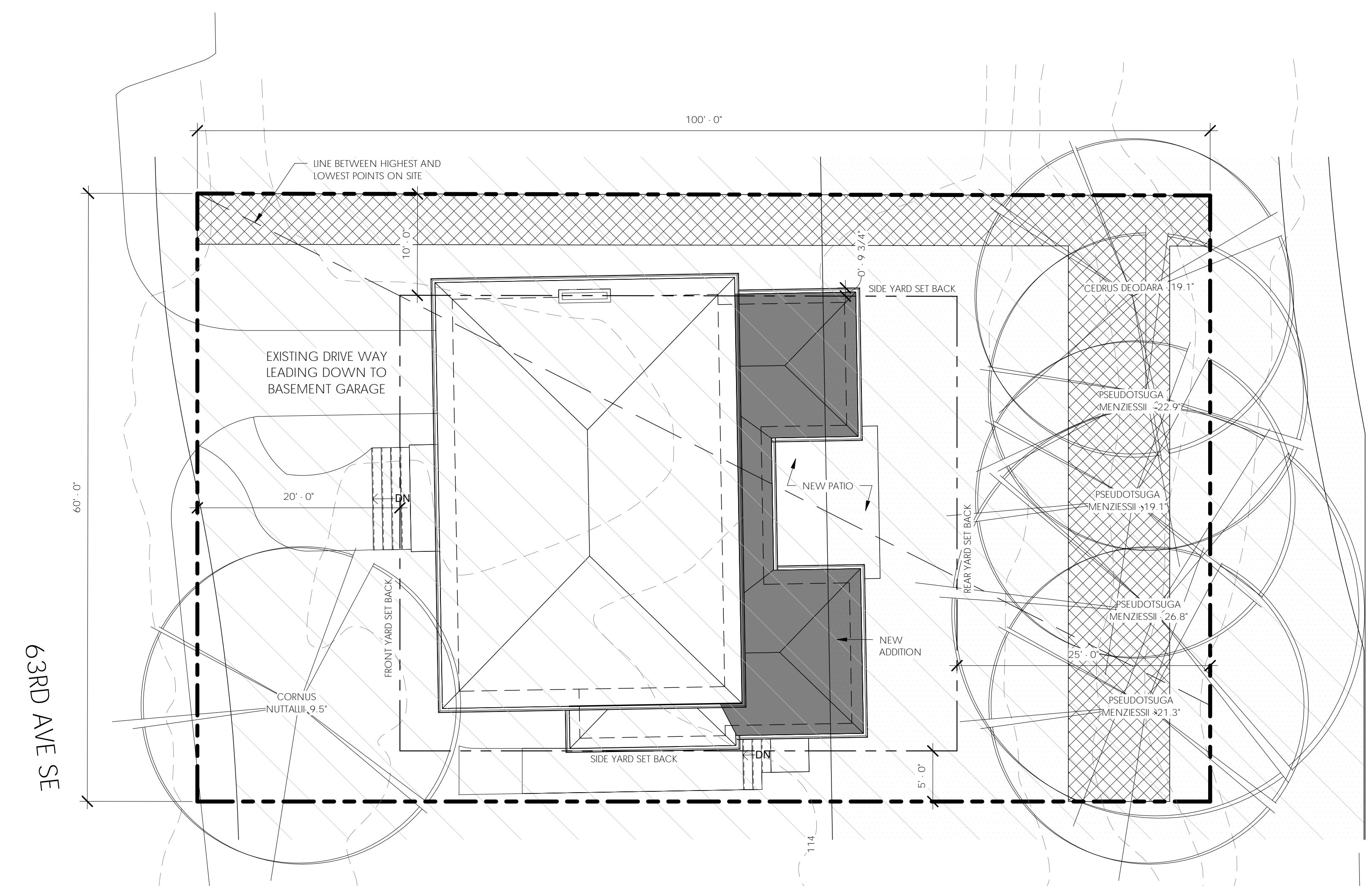
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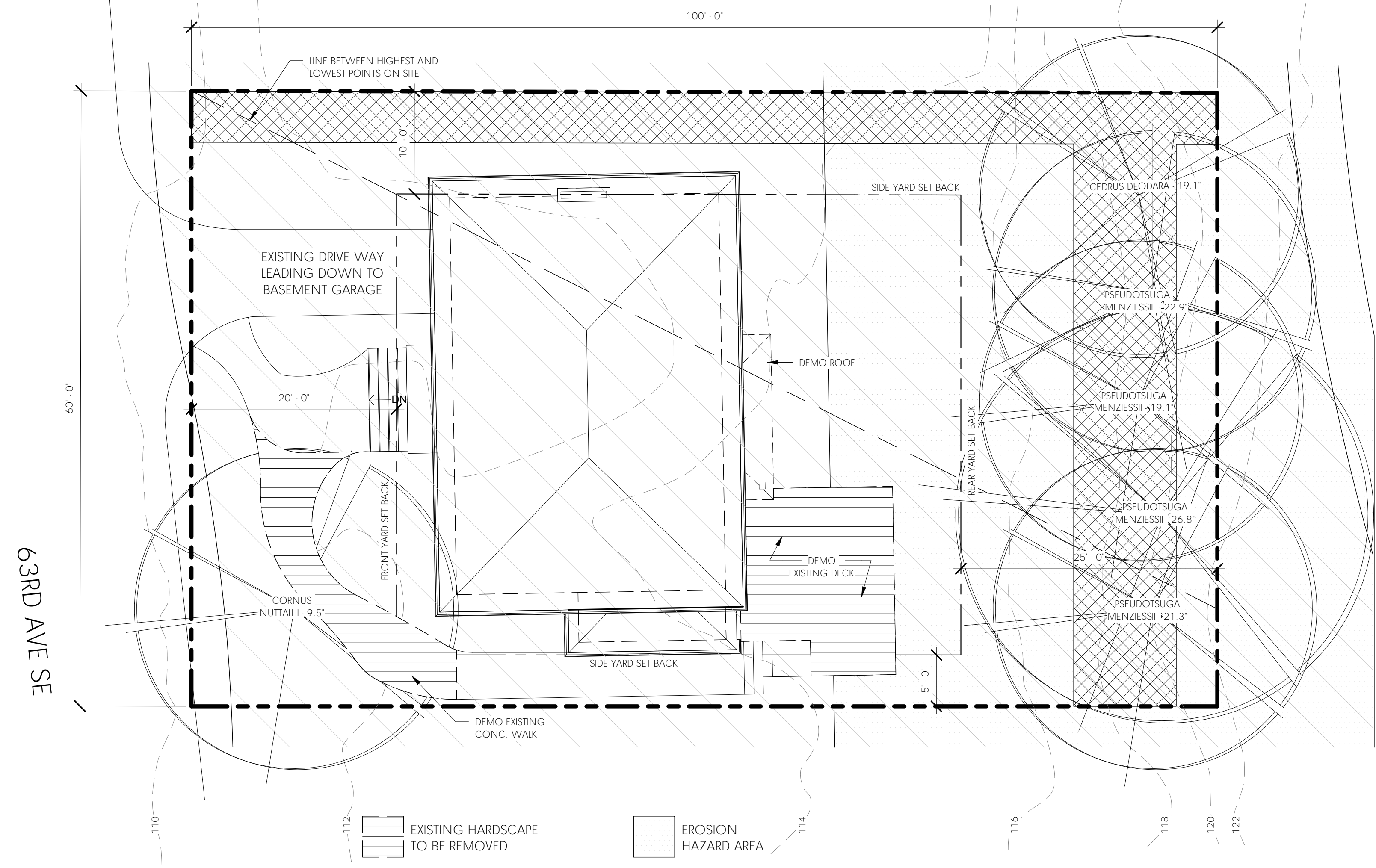
1/8" = 1'-0"



EXISTING EASEMENT WITH MERCER ISLAND SEWER DISTRICT
 EROSION HAZARD AREA
 PROPOSED AREA OF WORK
 POTENTIAL SLIDE HAZARD AREA

- ENTIRE PROPERTY IS IN WIND EXPOSURE HAZARD ZONE
- ENTIRE PROPERTY IS IN WIND SPEED UP HAZARD ZONE (1.0)

SITE PLAN - PROPOSED
 1/8" = 1'-0"



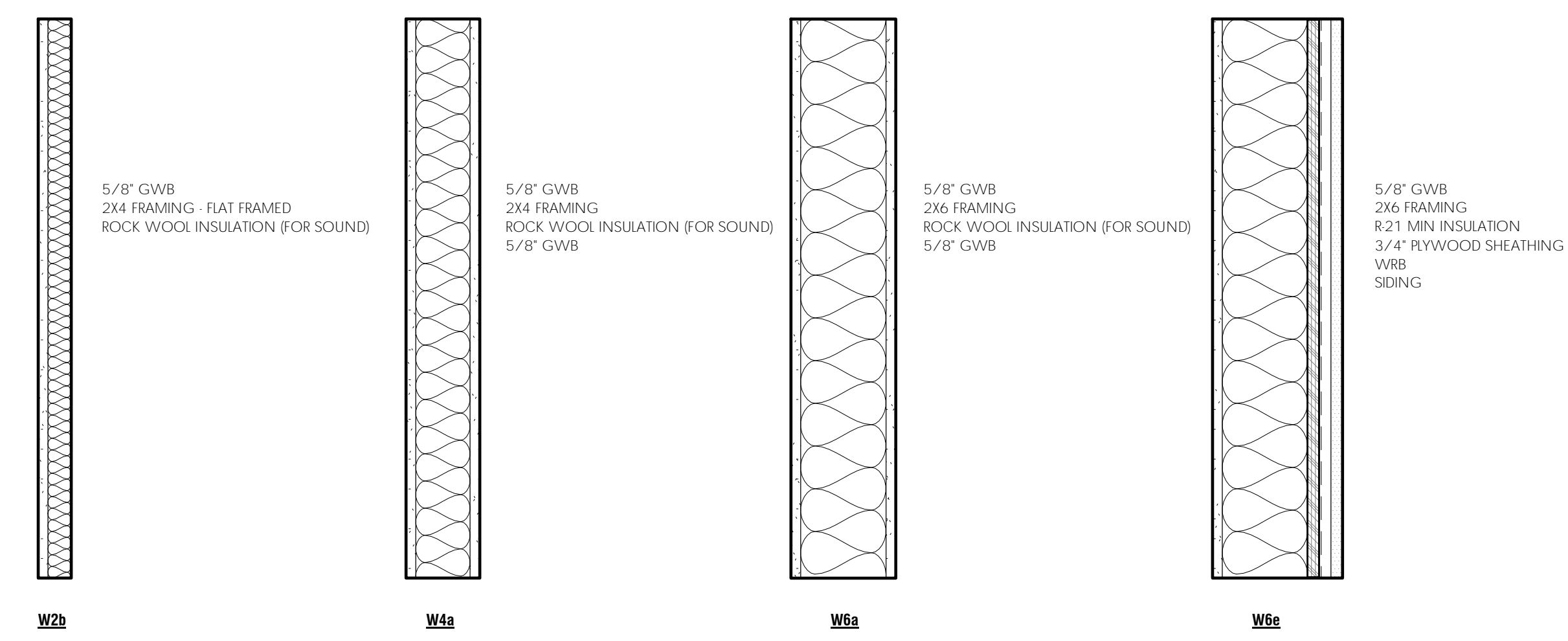
EXISTING HARDSCAPE TO BE REMOVED
 EXISTING EASEMENT WITH MERCER ISLAND SEWER DISTRICT
 EROSION HAZARD AREA
 POTENTIAL SLIDE HAZARD AREA

- ENTIRE PROPERTY IS IN WIND EXPOSURE HAZARD ZONE
- ENTIRE PROPERTY IS IN WIND SPEED UP HAZARD ZONE (1.0)

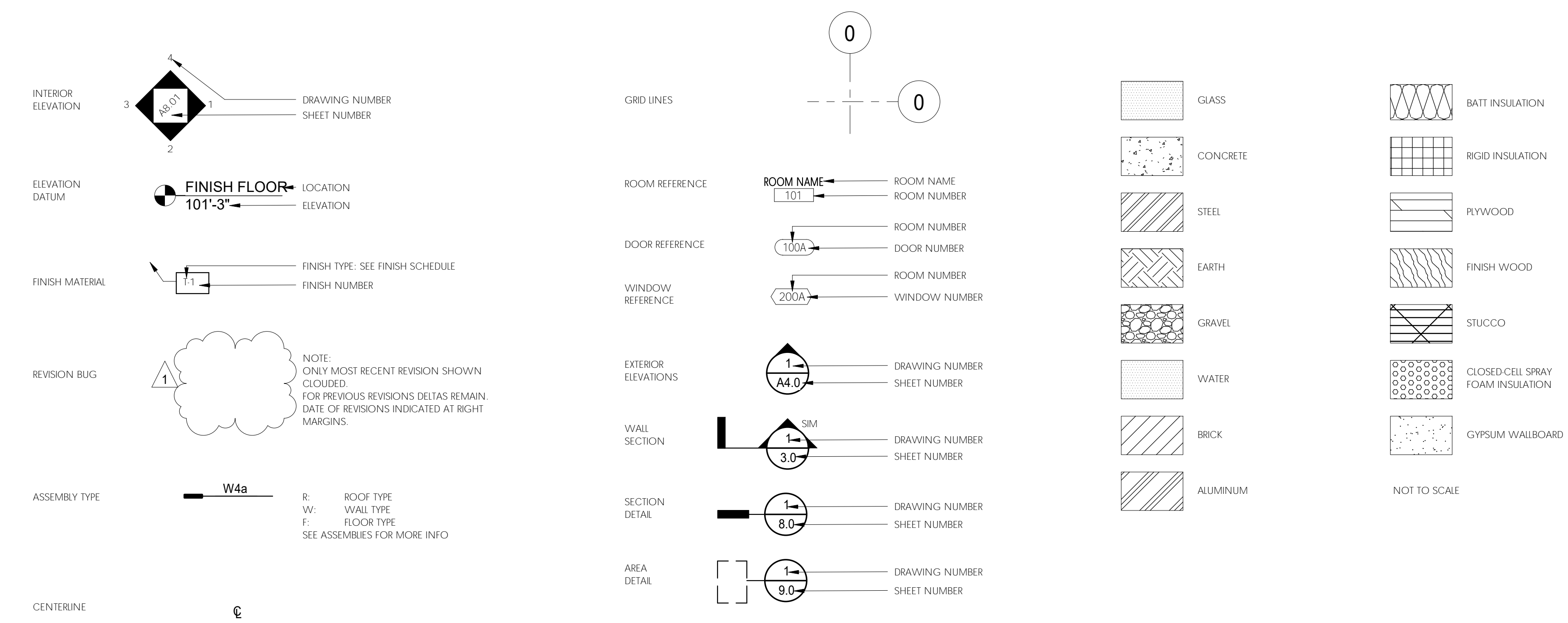
SITE PLAN - EXISTING / DEMO
 1/8" = 1'-0"

ASSEMBLY DETAILS

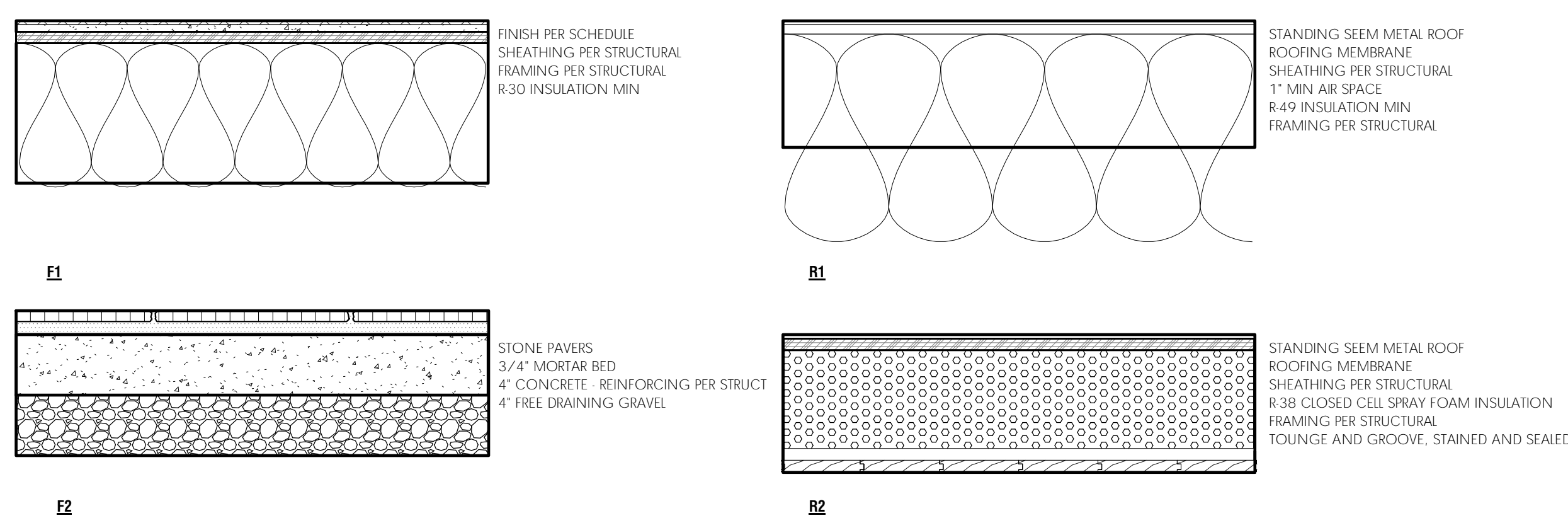
VERTICAL ASSEMBLIES



PROJECT LEGEND



HORIZONTAL ASSEMBLIES



ABBREVIATIONS

ABV	ABOVE	INSUL	INSULATION
AFF	ABOVE FINISH FLOOR	INT	INTERIOR
ADDL	ADDITIONAL	LOC	LOCATE, LOCATION
ADJ	ADJUSTABLE	MAX	MAXIMUM
ALT	ALTERNATE	MFR	MANUFACTURER
ARCH	ARCHITECT, ARCHITECTURAL	MECH	MECHANICAL
B/W	BELOW	MTL	METAL
BSMT	BASEMENT	MIN	MINIMUM
BTW	BETWEEN	NTS	NOT TO SCALE
BLD	BUILDING	O.C.	ON CENTER
CAB	CABINET	PLY	PLYWOOD
CALC	CALCULATION	PRELIM	PRELIMINARY
CLG	CILING	PL	PRESSURE-TREATED
CL	CENTERLINE	REFR	REFRIGERATOR
CLR	CLEAR	REIN	REINFORCE, REINFORCING
COL	COLUMN	RECD	REQUIRED
CONC	CONCRETE	SCHED	SCHEDULE
CONST	CONSTRUCTION	SV	SHEARWALL
CONT	CONTINUOUS	SW	SIMILAR
CONTR	CONTRACTOR	SIM	SIMILAR
DEMO	DEMOLISH	SF	SQUARE FOOT
DIA	DIAMETER	SPECS	SPECIFICATIONS
DM	DIMENSION	SSTL	STAINLESS STEEL
DW	DISHWASHER	STL	STEEL
DBL	DOUBLE	STRUCT	STRUCTURE, STRUCTURAL
EA	EACH	TEMP	TEMPORARY
ELEC	ELECTRIC, ELECTRICIAN	TOP	TOP OF WALL
ELEV	ELEVATION	TYP	TYPICAL
ENGR	ENGINEER	UNO	UNLESS NOTED OTHERWISE
EQUIV	EQUIVALENT	VF	VERIFY IN FIELD
EXIST OR (E)	EXISTING	VERT	VERTICAL
EXT	EXTERIOR	WP	WATERPROOF, WEATHERPROOF
FF	FINISH FLOOR	WINDW	WINDOW
GALV	GALVANIZED	W/	WITH
GWB	GYPNUM WALL BOARD	W/O	WITHOUT
HDR	HEADER	WD	WOOD
HT	HEIGHT		
HORIZ	HORIZONTAL		

GENERAL NOTES

CODE COMPLIANCE
ALL WORK SHALL BE IN COMPLIANCE WITH THE 2018 INTERNATIONAL RESIDENTIAL CODE AS ADOPTED AND MODIFIED BY THE CITY OF MERCER ISLAND, MERCER ISLAND (AND USE CODE, AND ALL OTHER LAWS, CODES, ORDINANCES AND REGULATIONS OF THE COUNTY, STATE, AND FEDERAL JURISDICTIONS, (LATEST EDITION AND AMENDMENTS))

ALL WORK SHALL BE IN COMPLIANCE WITH 2018 ENERGY CODE

UTILITIES AND SITE
ALL UNDERGROUND UTILITIES MUST BE VERIFIED AS TO EXACT LOCATIONS SO AS NO INTERFERENCE BY DISRUPTION WILL BE CAUSED. GENERAL CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITIES BY THE METHODS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND DPD REPRESENTATIVE AT THE PRE-CONSTRUCTION SITE MEETING. DAMAGE THAT MAY BE CAUSED BY GENERAL CONTRACTOR OR SUBCONTRACTOR TO ANY OF THE ABOVE MENTIONED SHALL BE REPAIRED BY HIM AND LEFT IN AS GOOD A CONDITION AS EXISTED PRIOR TO DAMAGING.

CONTRACTOR TO PROVIDE 8" OF TOP SOIL MIN AND HYDROSEED GRASS AT ALL IMPACTED AREAS OF SITE UNLESS NOTED OTHERWISE. TOPSOIL AND PLANTINGS MUST MEET ALL LOCAL CODES.

ALL FINAL SURFACE GRADING SHALL BE COMPLETED TO FACILITATE POSITIVE DRAINAGE AWAY FROM THE BUILDING UNLESS NOTED OTHERWISE.

CONSTRUCTION DOCUMENTS
ALL TRADES SHALL REFER TO THE ARCHITECTURAL DRAWINGS REGARDING LOCATIONS OF WORK TO BE INSTALLED, INCLUDING FRAMING. ANY DISCREPANCY BETWEEN ARCHITECTURAL AND STRUCTURAL SHALL BE REPORTED TO THE ARCHITECT BEFORE AFFECTED WORK CONTINUES.

CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND JOB CONDITIONS RELATED TO THIS WORK. ALL DIMENSIONS SHALL BE CONSIDERED "NOMINAL" UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. DIMENSIONS ON LARGE SCALE DRAWINGS OR DETAILS WILL PREVAIL OVER SMALLER SCALED DRAWINGS. WRITTEN DIMENSIONS ARE DRAWN TO THE FACE OF FINISH. U.N.O. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT. PROVIDE ALL BUCKOUTS, BLOCKING, AND JACKS AS REQUIRED BY THE DRAWINGS AND OTHER TRADES. ANY DISCREPANCY IN DIMENSIONS SHALL BE REPORTED IN WRITING TO THE PROJECT MANAGER/ DESIGNER FOR CLARIFICATION, OR APPROVAL OF MODIFICATION BEFORE COMMENCING WORK. THE RESPONSIBILITY TO THE PROJECT MANAGER/DESIGNER, SHALL REST WITH THE CONTRACTOR OR ANY OTHER PERSON APPROVING SUCH A CHANGE.

UNLESS OTHERWISE NOTED, PROVIDE ALL MISCELLANEOUS FASTENERS, HARDWARE AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION. EVEN THOUGH SUCH ITEMS MAY NOT HAVE BEEN SPECIFICALLY MENTIONED IN THE DRAWINGS AND SPECIFICATIONS, NOTIFY THE ARCHITECT OF ANY REVISIONS OR ADDITIONAL INFORMATION OBTAINED FROM THE MANUFACTURER OF SPECIFIED MATERIALS OR EQUIPMENT WHICH MAY AFFECT THE CONTRACT TIME, COST OR QUALITY OF WORK.

WARRANTY
ALL WARRANTIES OR GUARANTEES AS TO MATERIALS OR WORKMANSHIP ON OR WITH RESPECT TO THE OWNER'S WORK SHALL BE CONTAINED IN THE CONTRACT OR SUBCONTRACT WHICH SHALL BE SO WRITTEN THAT SUCH GUARANTEE OR WARRANTIES SHALL INSURE TO THE BENEFIT OF OWNER.

ALL WORKMANSHIP AND MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF CERTIFICATE OF OCCUPANCY UNLESS SPECIFIED FOR A LONGER PERIOD OF TIME ON SPECIFIED ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING HIS OWN DEFECTIVE WORK AS WELL AS PAY ALL COSTS INCIDENTAL THERETO INCLUDING DAMAGE TO OTHER WORK, FURNISHINGS OR EQUIPMENT.

INSURANCE
PRIOR TO THE COMMENCEMENT OF WORK THE GENERAL CONTRACTOR SHALL DELIVER TO THE OWNER CERTIFICATES OF INSURANCE FOR BOTH COMPREHENSIVE GENERAL LIABILITY AND WORKMAN'S COMPENSATION INCLUDING THE TOTAL AMOUNT OF COVERAGE AND CONDITIONS STIPULATED AND AGREED BY BOTH PARTIES.

PERMITTING
THE OWNER SHALL BE RESPONSIBLE FOR PAYING FOR THE BUILDING PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL OTHER PERMITS REQUIRED OR NECESSARY FOR THE COMPLETION OF THE WORK FROM THE RESPECTIVE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE GOVERNING AGENCIES AS REQUIRED FOR SITE INSPECTIONS.

GENERAL CONDITIONS
THE GENERAL CONTRACTOR, ALL SUB-CONTRACTORS AND ALL MAJOR SUPPLIERS SHALL SUBMIT TO THE OWNER WITHIN 30 DAYS AFTER COMPLETION ALL "RELEASE OF LIENS" FOR ALL WORK PERFORMED PRIOR TO FINAL PAYMENT.

PARTIAL LIEN WAIVERS TO BE SUBMITTED WITH MONTHLY REQUISITION.

ALL MANUFACTURERS AND/OR SUPPLIERS SHALL SUBMIT SHOP DRAWINGS AND/OR MATERIAL SAMPLES TO THE DESIGNER/OWNER FOR APPROVAL PRIOR TO FABRICATION.

ALL OF THE GENERAL CONTRACTOR'S EQUIPMENT, SCAFFOLDING HOISTS, ETC., SHALL BE AVAILABLE TO THE OWNER/ DESIGNER AND THEIR STAFF FOR INSPECTION OF ANY AND ALL WORK DURING NORMAL WORKING HOURS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DELIVERY POINTS, HOISTS LOCATIONS, ACCESS TO AND FROM THE SITE OF THE BUILDING AND UTILITY SERVICES. BID TO INCLUDE ALL NECESSARY AND REQUIRED PERMITS, LICENSES, FEES, BONDS AND INSURANCE - EVIDENCE OF WHICH MUST BE SUBMITTED TO OWNER/ DESIGNER PRIOR TO ANY CONSTRUCTION.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBCONTRACTORS WORKING AT JOB SITE AND FOR ALL COORDINATION OF WORK.

THE MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTOR SHALL FULLY COORDINATE ALL EQUIPMENT WITH THE OTHER TRADES. THESE CONTRACTORS SHALL BE RESPONSIBLE FOR FINAL HOOK-UP OF ALL EQUIPMENT NOT FURNISHED BY THEM BUT REQUIRING THE SAME FOR FINAL COMPLETION.

GENERAL CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF ALL MATERIALS AT JOB SITE AND GENERAL SITE SECURITY UNTIL THE POINT OF FINAL ACCEPTANCE OF WORK BY OWNER.

ANY SUBCONTRACTOR CUTTING INTO WORK ALREADY COMPLETED, CUTTING CHASES AND TRENCHES FOR THE INTRODUCTION OF HIS WORK AND EQUIPMENT IN THE BUILDING SHALL DO OR PAY FOR ALL BACK FILLING, REPAIRATION OF WALLS, FLOOR, ETC., DAMAGE BY SUCH A COMPANY. ALL REPAIRS SHALL MATCH EXISTING SURFACES.

CONSTRUCTION SPECIFICATIONS
NO SUBSTITUTIONS ARE ALLOWED FOR MATERIALS WHERE SPECIFIC MANUFACTURERS ARE INDICATED, UNLESS APPROVED BY THE OWNER/ARCHITECT. REQUESTS FOR SUBSTITUTIONS SHALL BE MADE IN WRITING PRIOR TO ORDERING MATERIALS OR COMMENCING WORK. SUCH REQUESTS SHALL INCLUDE THE DATE, SCOPE OF WORK, ANY ADDITIONAL COSTS TO THE OWNER, AND ANY ANTICIPATED DELAYS CAUSED BY SUCH CHANGES.

NO EXTRA WORK OR CHANGE SHALL BE MADE UNLESS A WRITTEN CHANGE ORDER IS SUBMITTED AND SIGNED BY THE OWNER AND ARCHITECT. THE ORDER SHALL STATE THAT THE OWNER HAS AUTHORIZED THE EXTRA WORK OR CHANGE, AND NO CLAIM FOR AN ADDITIONAL SUM SHALL BE VALID UNLESS SO OFFERED AS DESCRIBED ABOVE.

ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED.

WOOD SPECIFICATIONS TO CONFORM TO OUTLINE SPECIFICATIONS, FINISH SCHEDULE, STRUCTURAL PLANS, NOTES, AND GENERAL CONDITIONS.

CAULKING AND SEALANTS: INSTALLED SHALL BE GUARANTEED WATERTIGHT. EXTERIOR METAL WORK, INCLUDING WINDOWS AND DOOR FRAMES AND ALL JUNCTIONS BETWEEN MASONRY, CONCRETE AND METAL SHALL BE SEALED WITH NEOPRENE OR POLYURETHANE FILLER AND APPROVED SEALANT COMPOUNDS.

PROVIDE GALVANIC INSULATION BETWEEN ALL DISSIMILAR METALS.

PROVIDE WATERPROOFING MEMBRANE AND DIMPLE DRAINMAT AT ALL WALLS EXPOSED TO EARTH.

ALL PIPING AND CONDUIT UNDER SLAB SHALL BE A MINIMUM OF 2"0" CLEAR OF UNDERSIDE OF FOOTING.

INSULATION
PROVIDE AND INSTALL INSULATION AT EXTERIOR WALLS, ROOF, FLOOR LOCATIONS AS SHOWN, SPECIFIED AND IN ACCORDANCE WITH MERCER ISLAND ENERGY CODE.

ALL INTERIOR WALLS SHALL BE INSULATED WITH SOUND ATTENUATING INSULATION

WATER PIPES TO BE INSULATED IN ALL UNHEATED AREAS.

INSULATE ALL ROUGH-IN PLUMBING IN WALLS, FLOORS, AND CEILINGS FOR SOUND TRANSMISSION.

GENERAL NOTES, SYMBOLS, & ABBREV

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WHOLE HOUSE VENTILATION CALC

Table showing Dwelling Unit Floor Area (square feet) vs. Number of Bedrooms (0-1, 2-3, 4-5, 6-7, >7) with corresponding Airflow in CFM.

For SF: 1 square foot = 0.0929 m^2, 1 cubic foot per minute = 0.00047 m^3/min

Table showing Run-time Percentage in each 4-hour segment for different Factor values (25%, 33%, 50%, 66%, 75%, 100%).

PROPOSED CONDITIONED SQUARE FOOTAGE = 2240.66 SF
NUMBER OF BEDROOMS = 3
AIRFLOW IN CF REQUIRED FOR CONTINUOUS VENTILATION = 60 CFM
RUNTIME PERCENTAGE IN EACH 4 HOUR SEGMENT = 66%
FACTOR = 1.5

CALC 60 CFM X 1.5 = 90CFM

HEAT RECOVERY VENTILATOR SYSTEM TO BE INSTALLED TO PROVIDE REQUIRED VENTILATION WITH SENSIBLE HEAT RECOVERY OF .75

2018 Washington State Energy Code - Residential Prescriptive Energy Code Compliance for All Climate Zones in Washington Single Family - New & Additions (effective February 1, 2021). Project information, Instructions, and Fuel Normalization table for Climate Zone 1.

2018 Washington State Energy Code - Residential Prescriptive Energy Code Compliance for All Climate Zones in Washington Single Family - New & Additions (effective February 1, 2021). Summary of Table R402.2 and Fuel Normalization table.

2018 Washington State Energy Code - Residential Prescriptive Energy Code Compliance for All Climate Zones in Washington Single Family - New & Additions (effective February 1, 2021). Summary of Table R402.2 (cont.) and Energy Credit Options table.

ENERGY CODE SUMMARY

CREDITS REQUIRED: 1.5 (ADDITIONS LESS THAN 500 SF)
HEATING OPTIONS: COMBUSTION HEATING MINIMUM NAECA 0.0 CREDITS
ENERGY OPTIONS SELECTED: 2.3 AIR LEAKAGE CONTROL AND EFFICIENT VENTILATION 1.5 CREDITS

2.3 : COMPLIANCE BASED ON SECTION R402.4.1.2: REDUCE THE TESTED AIR LEAKAGE TO 1.5 AIR CHANGES PER HOUR MAXIMUM AT 50 PASCALS AND ALL WHOLE HOUSE VENTILATION REQUIREMENTS AS DETERMINED BY SECTION M1507.3 OF THE INTERNATIONAL RESIDENTIAL CODE OR SECTION 403.8 OF THE INTERNATIONAL MECHANICAL CODE SHALL BE MET WITH A HEAT RECOVERY VENTILATION SYSTEM WITH MINIMUM SENSIBLE HEAT RECOVERY EFFICIENCY OF .75

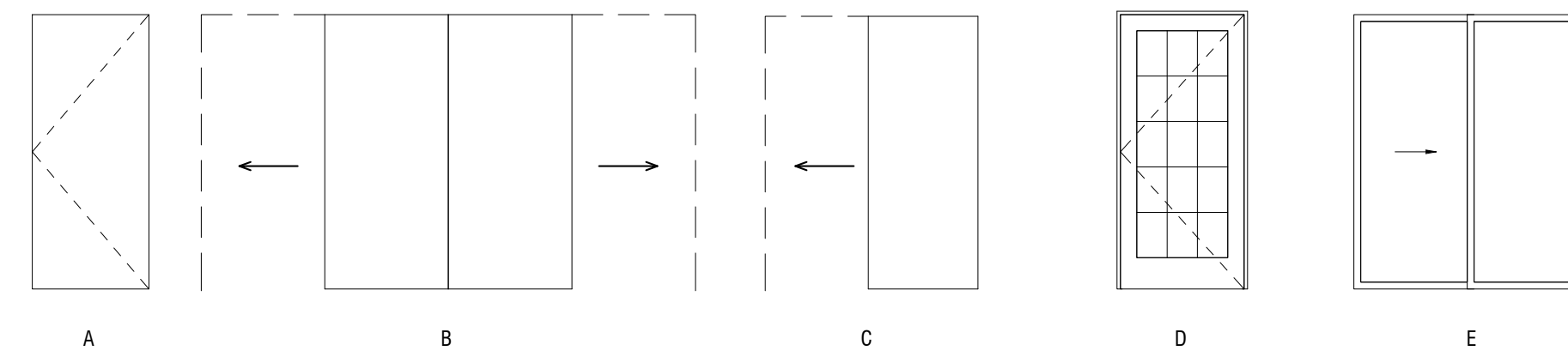
WINDOW SCHEDULE

Table with columns: PLAN ID, TYPE, QTY., WIDTH (ft), HEIGHT (ft), HEAD HT, UNIT AREA (sf), U VALUE, UA, NOTES. Lists windows from 12A to 17C.

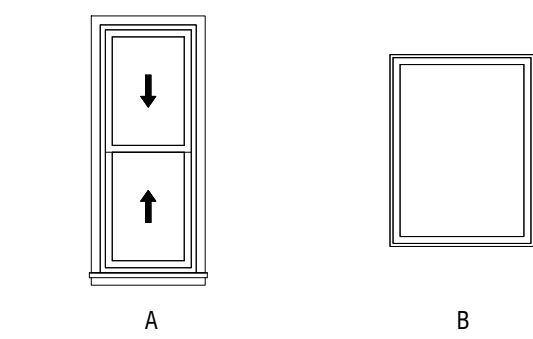
DOOR SCHEDULE

Table with columns: PLAN ID, TYPE, QTY., WIDTH (ft.), HEIGHT (ft.), AREA (sf.), U VALUE, UA, NOTES. Lists doors from 12A to 15A.

- 1. ALL GLAZING IN DOOR TO BE TEMPERED
2. ALL EXTERIOR DOOR HEADERS SHALL BE INSULATED WITH A MIN OF R:10 INSULATION

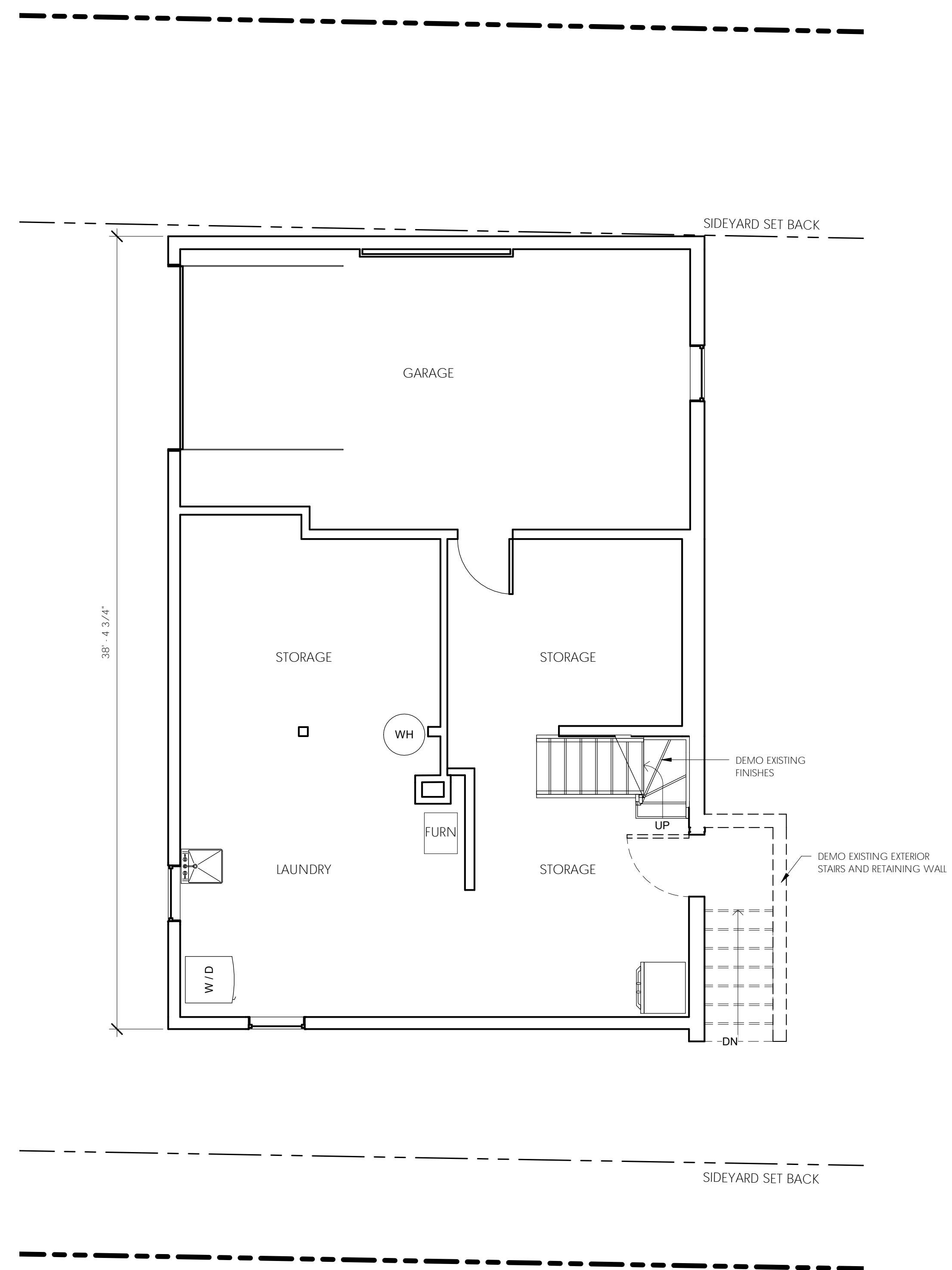


DOOR TYPES
1/4" = 1'-0"

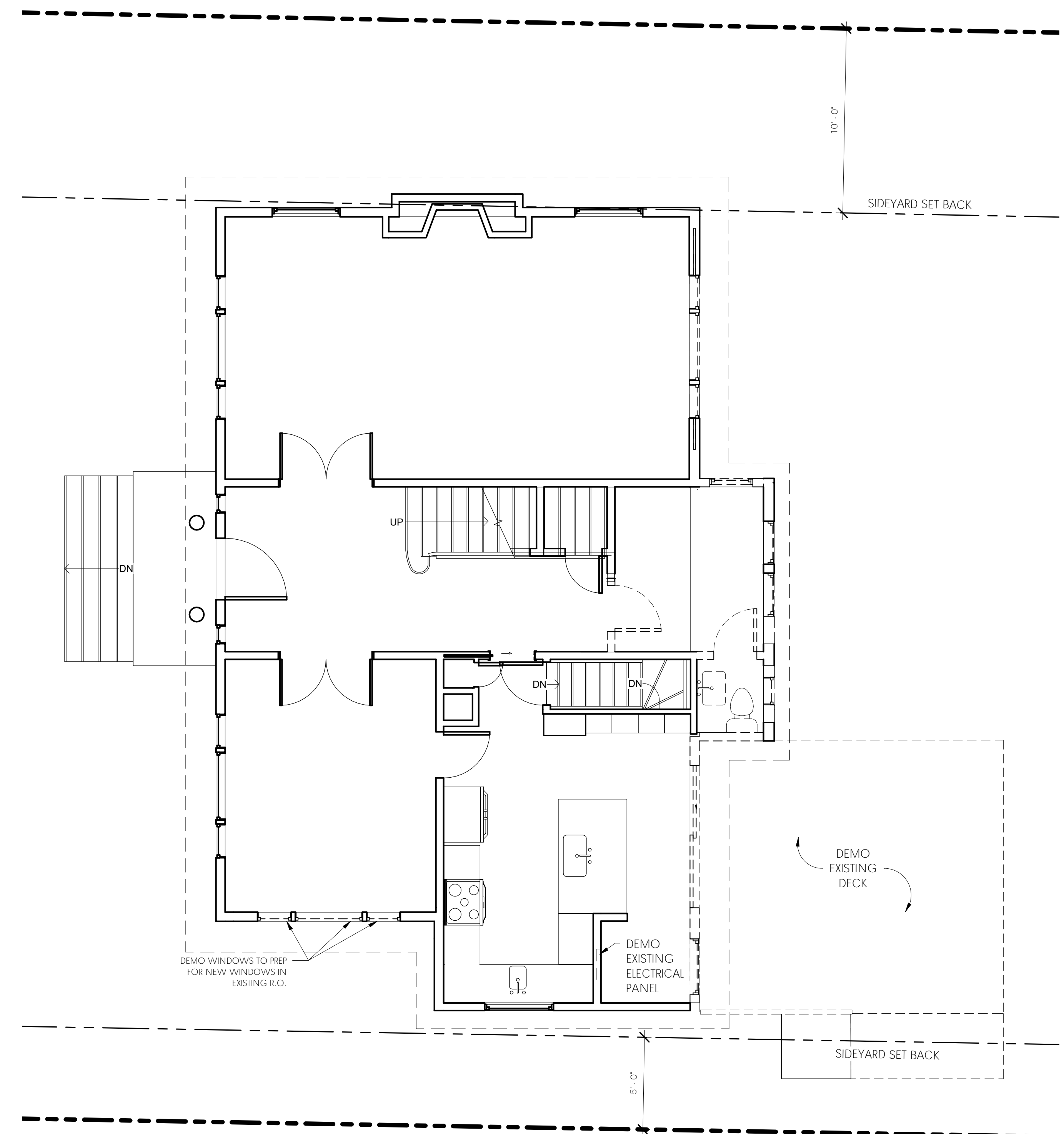


WINDOW TYPES
1/4" = 1'-0"

- 1. ALL WINDOW HEADERS SHALL BE INSULATED WITH A MIN OF R:10 INSULATION
2. TEMPERED SAFETY GLAZING REQUIRED
3. NEW WINDOW IN EXISTING OPENING, CONTRACTOR TO VERIFY SIZE IN FIELD



1 BASEMENT DEMO
 1/4" = 1'-0"



01 MAIN LEVEL DEMO
 1/4" = 1'-0"

LEGEND

	SMOKE DETECTOR		NEW CONSTRUCTION
	SMOKE/CARBON MONOXIDE DETECTOR		EXISTING TO REMAIN
	FAN - 110 CFM U.N.O.		TO BE REMOVED
			1-HOUR RATED ASSEMBLY

NOTES

- ALL DIMENSIONS AT EXTERIOR WALLS TO FACE OF FRAMING AT EXT. FACE OF WALL AND TO FACE OF FINISH (5/8" GWB ASSUMED) AT INT. FACE OF WALL, U.N.O.
- ALL DIMENSIONS AT INTERIOR WALLS TO FACE OF FINISH (5/8" GWB ASSUMED AT EA. SIDE OF WALL), U.N.O.
- ALL DIMENSIONS AT KITCHEN TO EDGE OF COUNTERTOPS, U.N.O.
- ALL NEW WOOD HEADERS SHALL BE (2) 2X8 U.N.O., INSULATE HEADERS TO R-10 MIN.

MILLER BLOOD RESIDENCE
 2420 63RD AVE SE
 MERCER ISLAND, WA 98040

DEMO MAIN FLOOR

REVISIONS

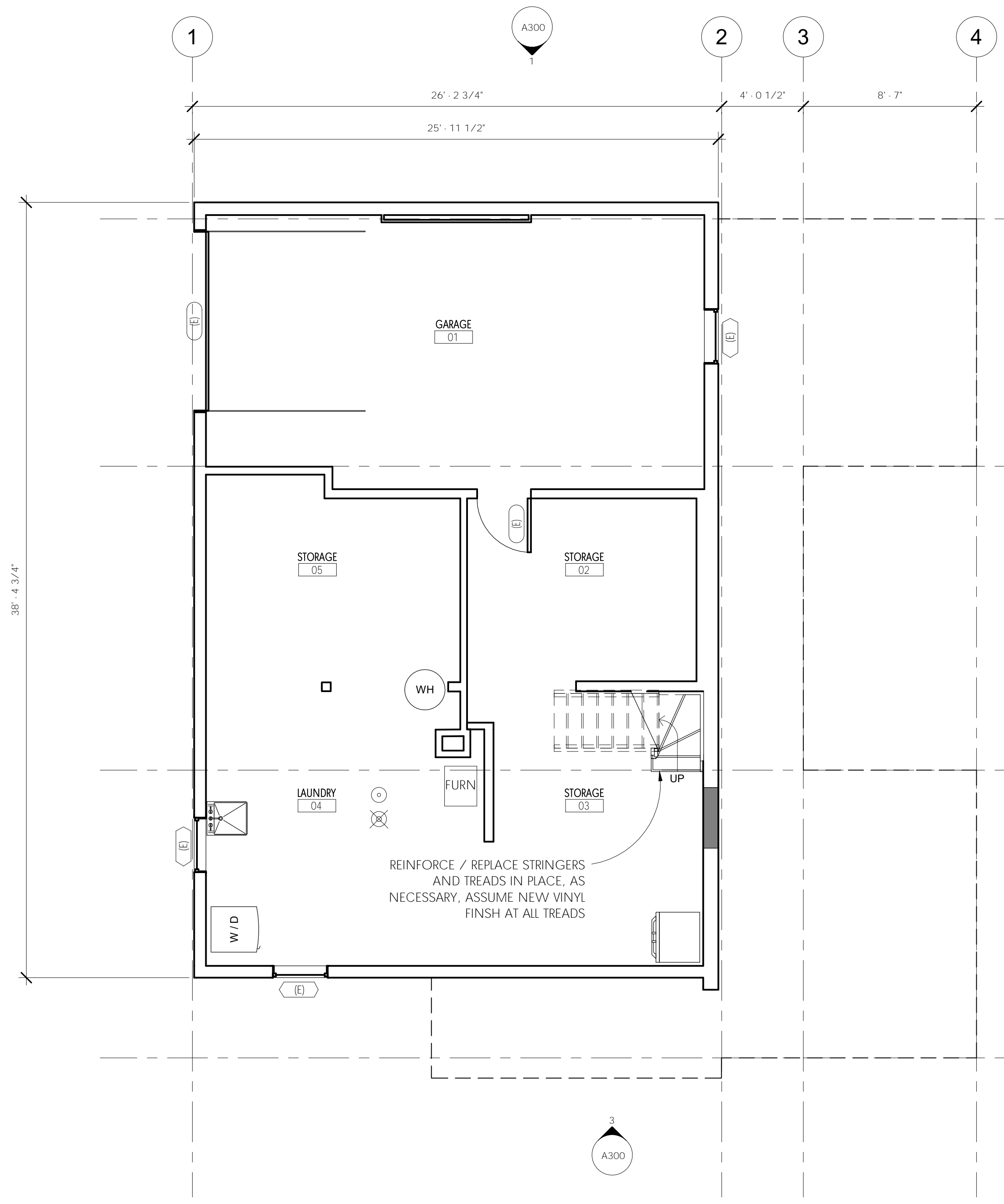
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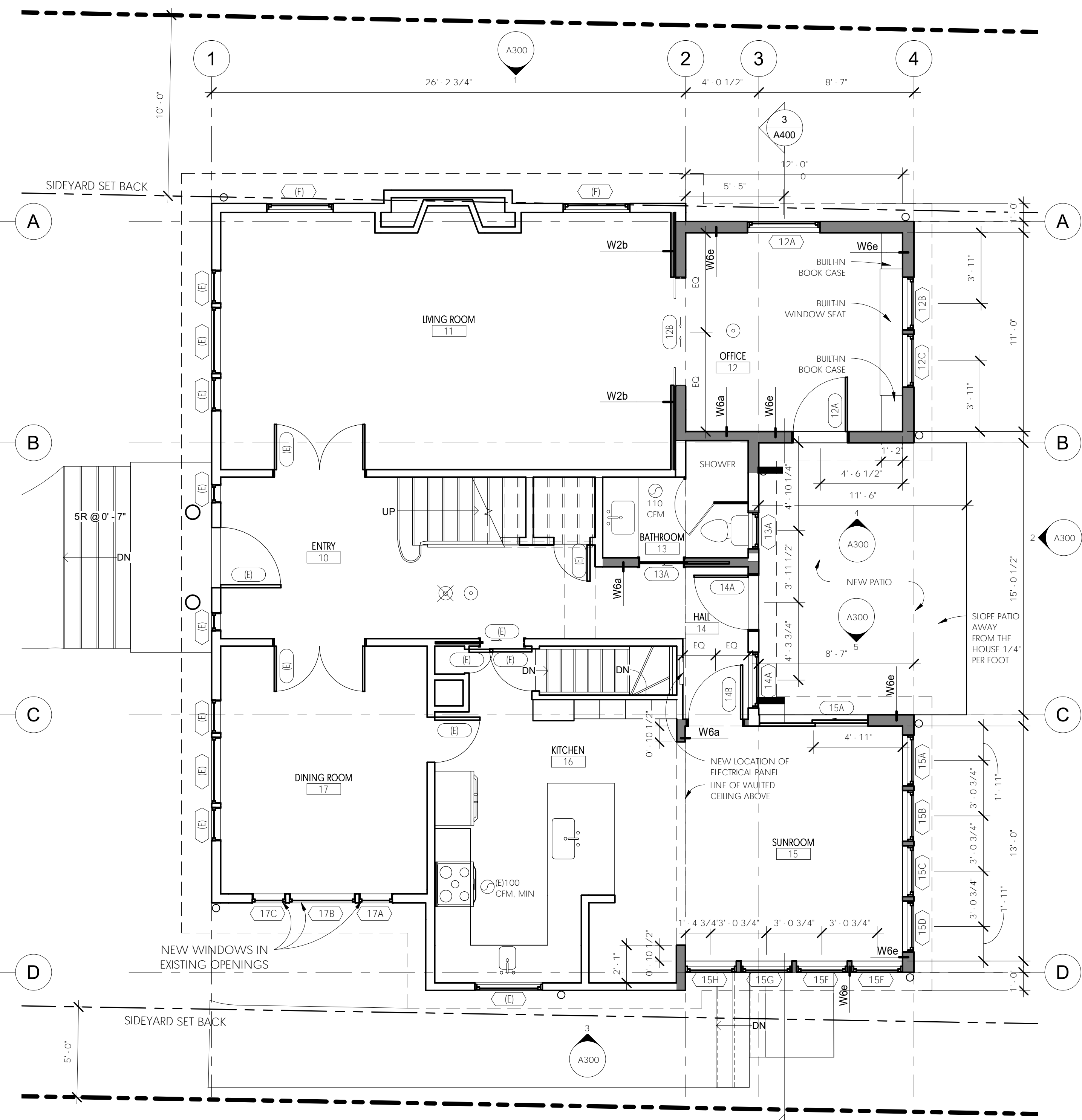
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As indicated





1 BASEMENT
 1/4" = 1'-0"



01 MAIN LEVEL
 1/4" = 1'-0"

LEGEND

	SMOKE DETECTOR		NEW CONSTRUCTION
	SMOKE / CARBON MONOXIDE DETECTOR		EXISTING TO REMAIN
	FAN - 110 CFM U.N.O.		TO BE REMOVED
			1-HOUR RATED ASSEMBLY

NOTES

- ALL DIMENSIONS AT EXTERIOR WALLS TO FACE OF FRAMING AT EXT. FACE OF WALL AND TO FACE OF FINISH (5/8" GWB ASSUMED) AT INT. FACE OF WALL, U.N.O.
- ALL DIMENSIONS AT INTERIOR WALLS TO FACE OF FINISH (5/8" GWB ASSUMED) AT EA. SIDE OF WALL, U.N.O.
- ALL DIMENSIONS AT KITCHEN TO EDGE OF COUNTERTOPS, U.N.O.
- ALL NEW WOOD HEADERS SHALL BE (2) 2X8 U.N.O., INSULATE HEADERS TO R10 MIN

MILLER BLOOD RESIDENCE

2420 63RD AVE SE
 MERCER ISLAND, WA 98040

MAIN FLOOR AND
 BASMENT AS-BUILT
 PLANS

REVISIONS

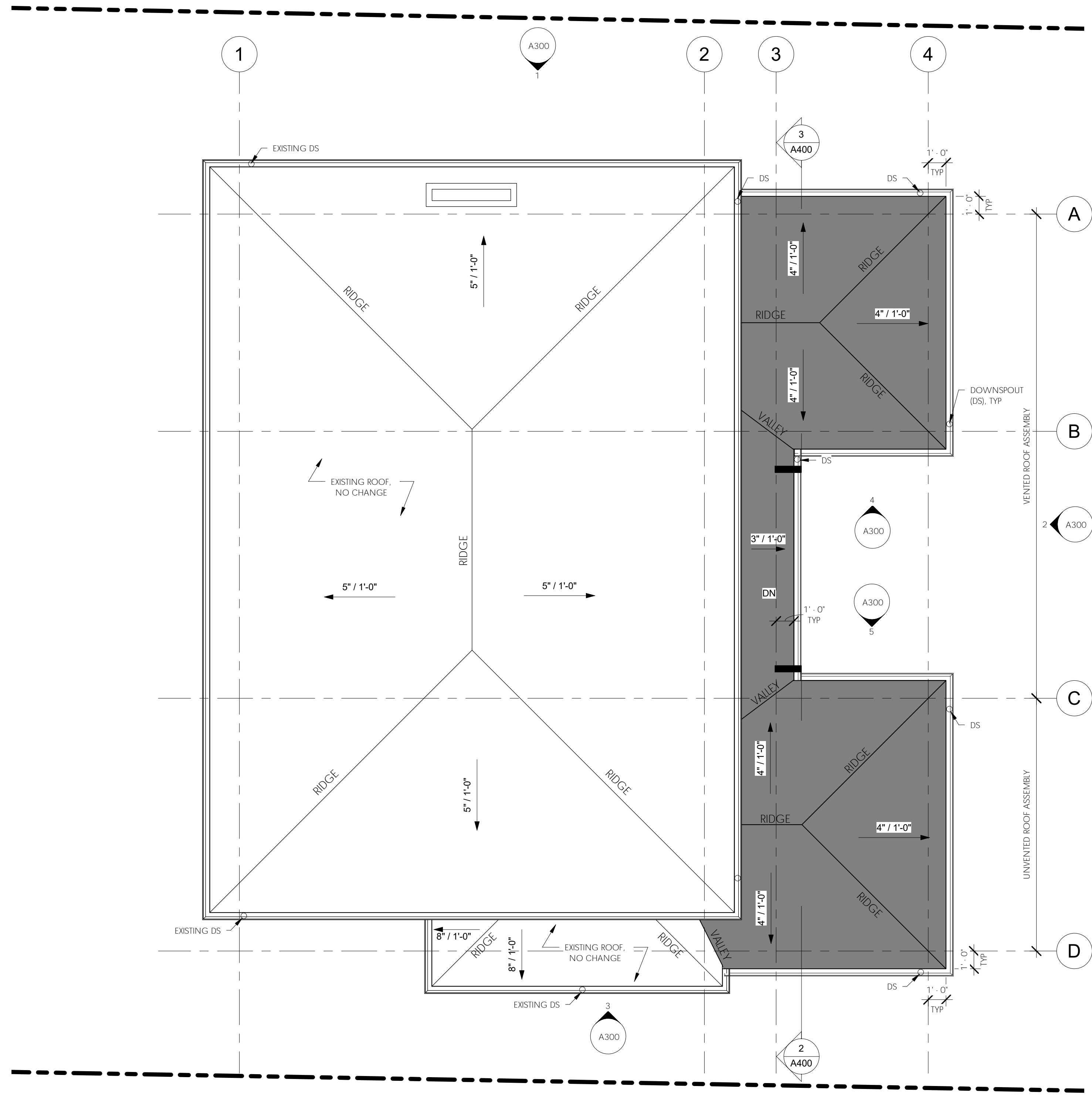
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As indicated

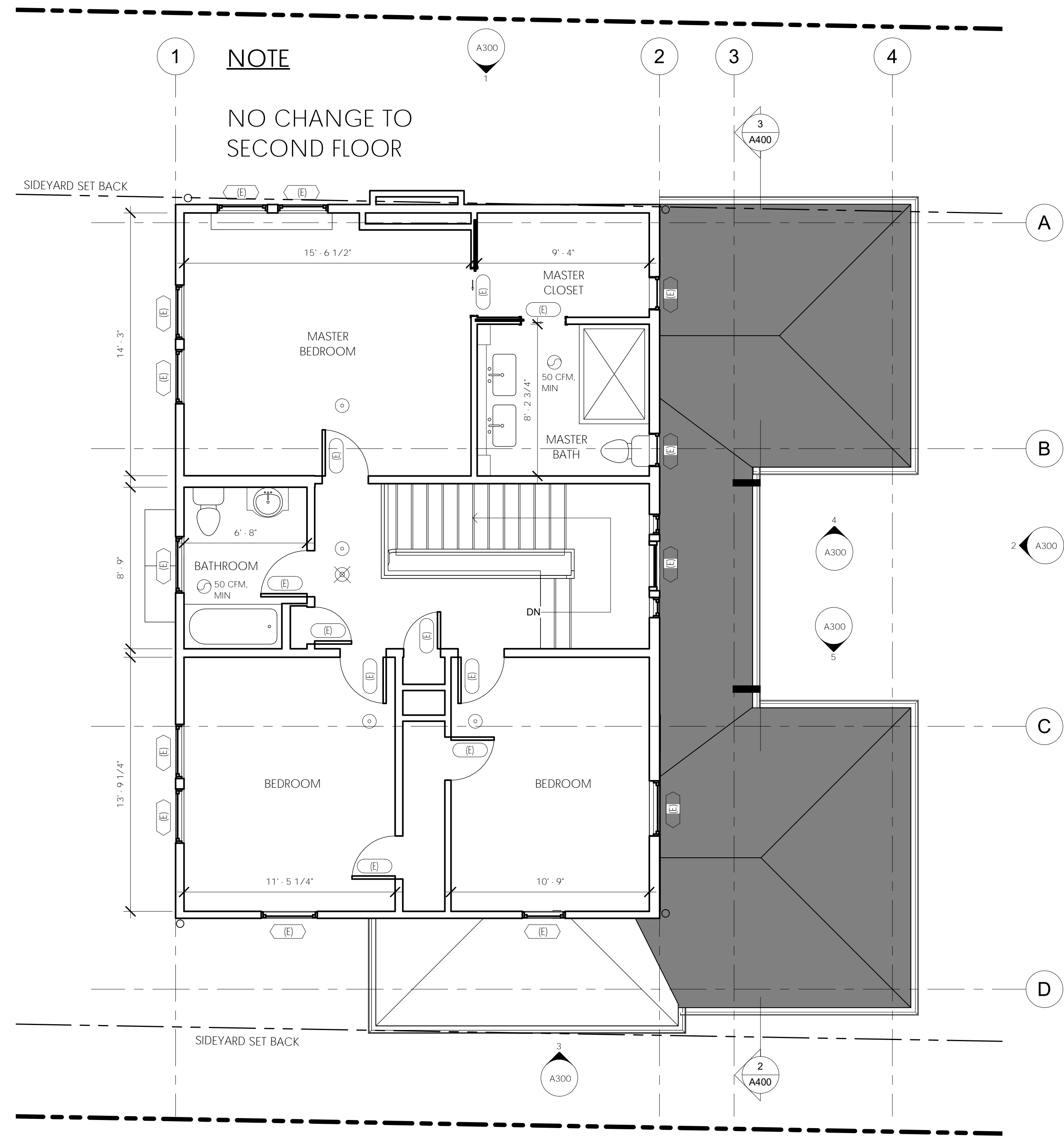




03. ROOF PLAN
 1/4" = 1'-0"

ROOF VENTILATION CALCULATION

REQUIRED VENTILATION = 1/150 OF TOTAL AREA, PER R606.2
 NEW VENTED ROOF AREA = 203.83 SF
 REQUIRED VENTILATION = 1.36 SF OF VENTILATION
 PROPOSED VENTILATION = VERA VENT AT ROOF TO WALL CONDITION = 8.5 SQ IN PER LF X 15.5625 LF = 91862 SF
 COR A VENT RAFT A VENT AT SOFFIT CONDITIONS = 10 SQ IN PER LF X 48.646 LF = 3.38 SF
 VERA VENT AT RIDGE CONDITIONS = 8.5 SQ IN PER LF X 26.39 LF = 1.56 SF
TOTAL PROPOSED VENTILATION = 5.86 SF



02. UPPER LEVEL
 1/4" = 1'-0"

NOTE
 NO CHANGE TO SECOND FLOOR

LEGEND

	SMOKE DETECTOR		NEW CONSTRUCTION
	SMOKE/CARBON MONOXIDE DETECTOR		EXISTING TO REMAIN
	FAN - 110 CFM U.N.O.		TO BE REMOVED
			1-HOUR RATED ASSEMBLY

NOTES

- ALL DIMENSIONS AT EXTERIOR WALLS TO FACE OF FRAMING AT EXT. FACE OF WALL AND TO FACE OF FINISH (5/8" GWB ASSUMED) AT INT. FACE OF WALL, U.N.O.
- ALL DIMENSIONS AT INTERIOR WALLS TO FACE OF FINISH (5/8" GWB ASSUMED) AT EA. SIDE OF WALL, U.N.O.
- ALL DIMENSIONS AT KITCHEN TO EDGE OF COUNTERTOPS, U.N.O.
- ALL NEW WOOD HEADERS SHALL BE (2) 2X8 U.N.O., INSULATE HEADERS TO R10 MIN

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UPPER FLOOR AND ROOF PLAN

REVISIONS

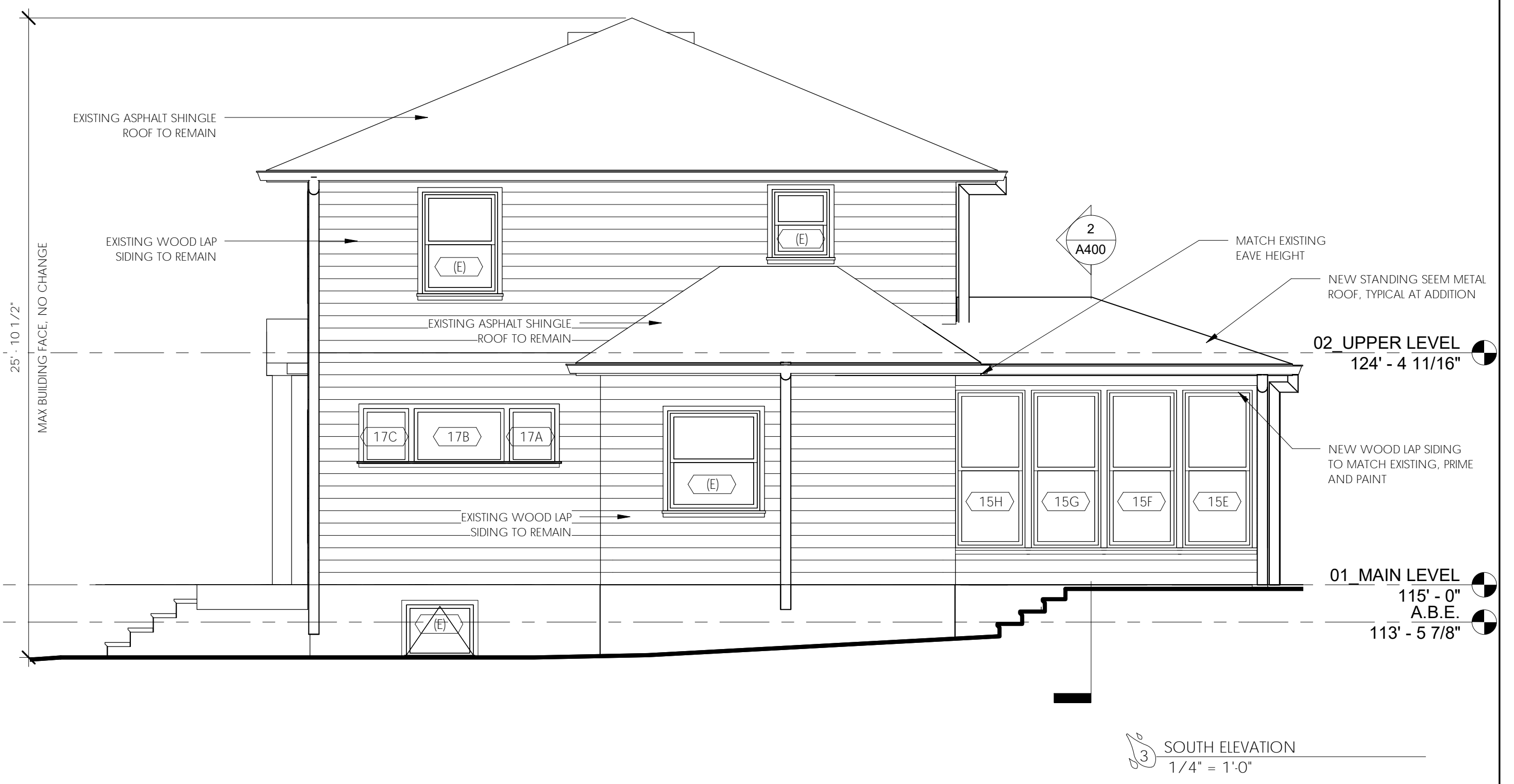
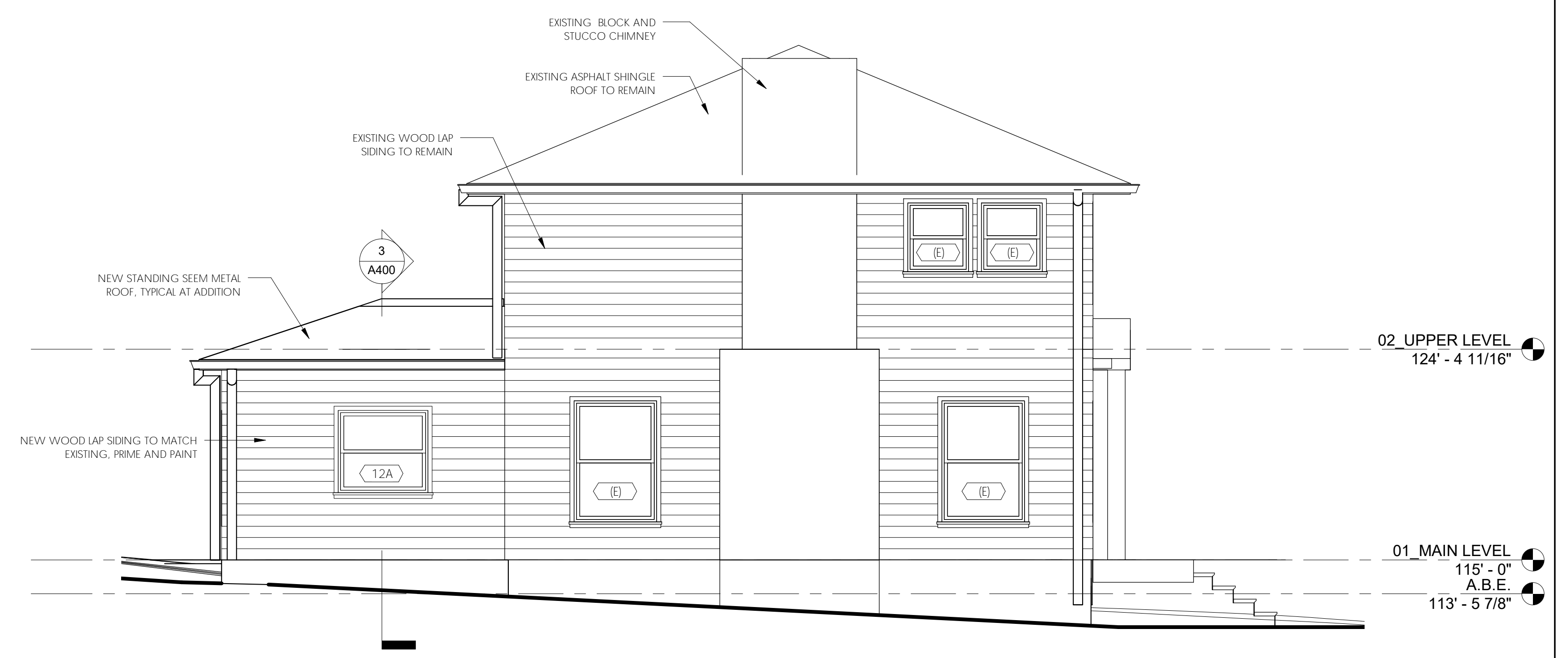
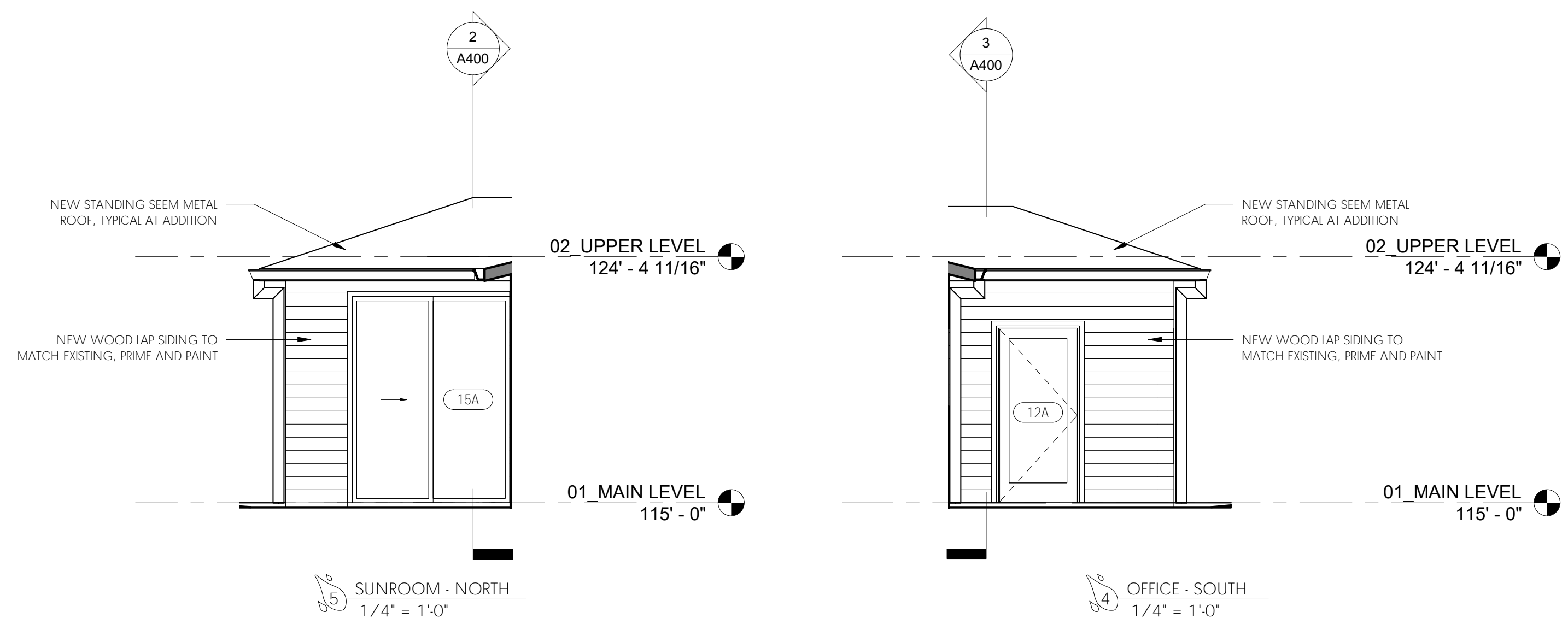
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As indicated





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EXTERIOR ELEVATIONS

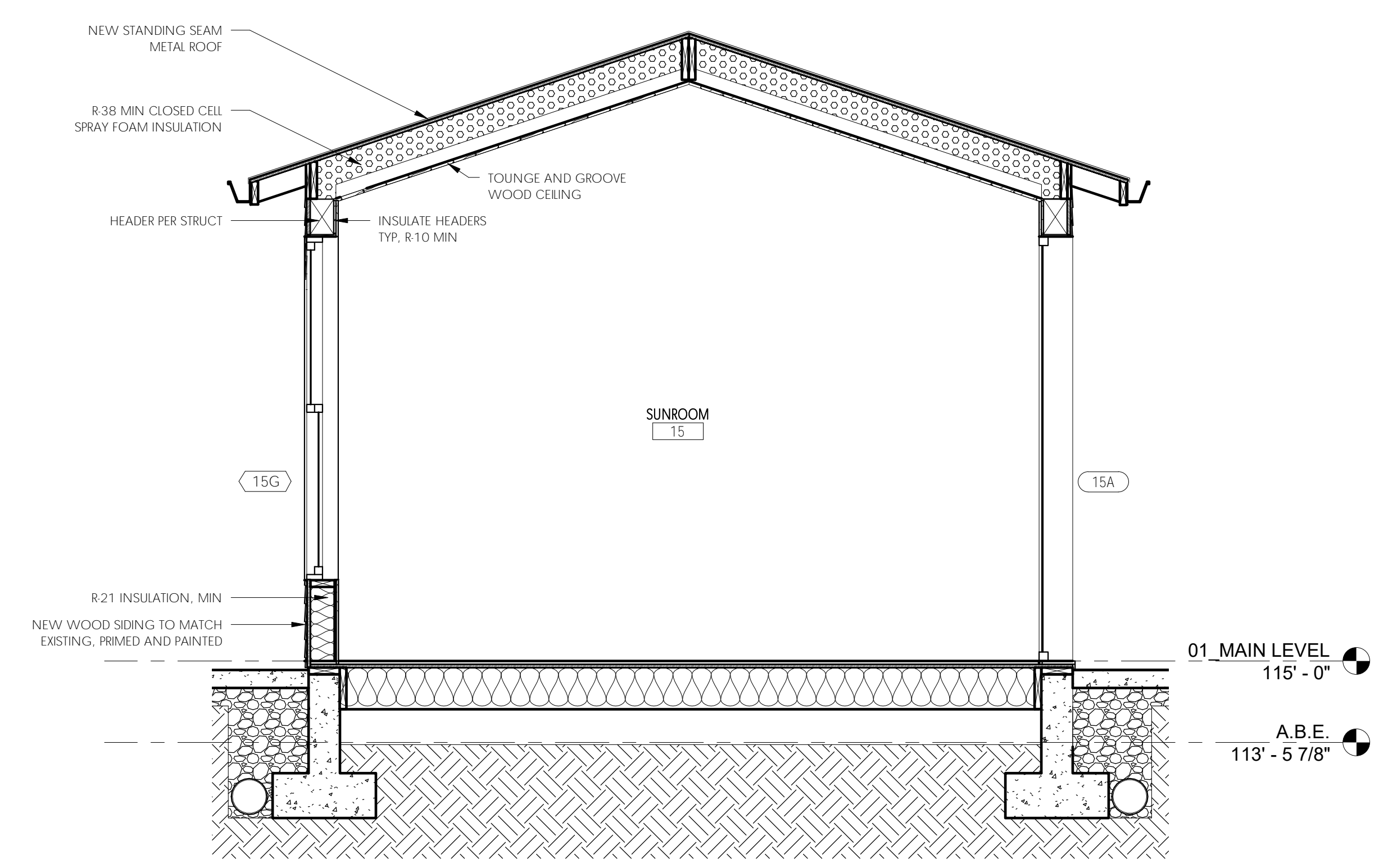
REVISIONS

A300

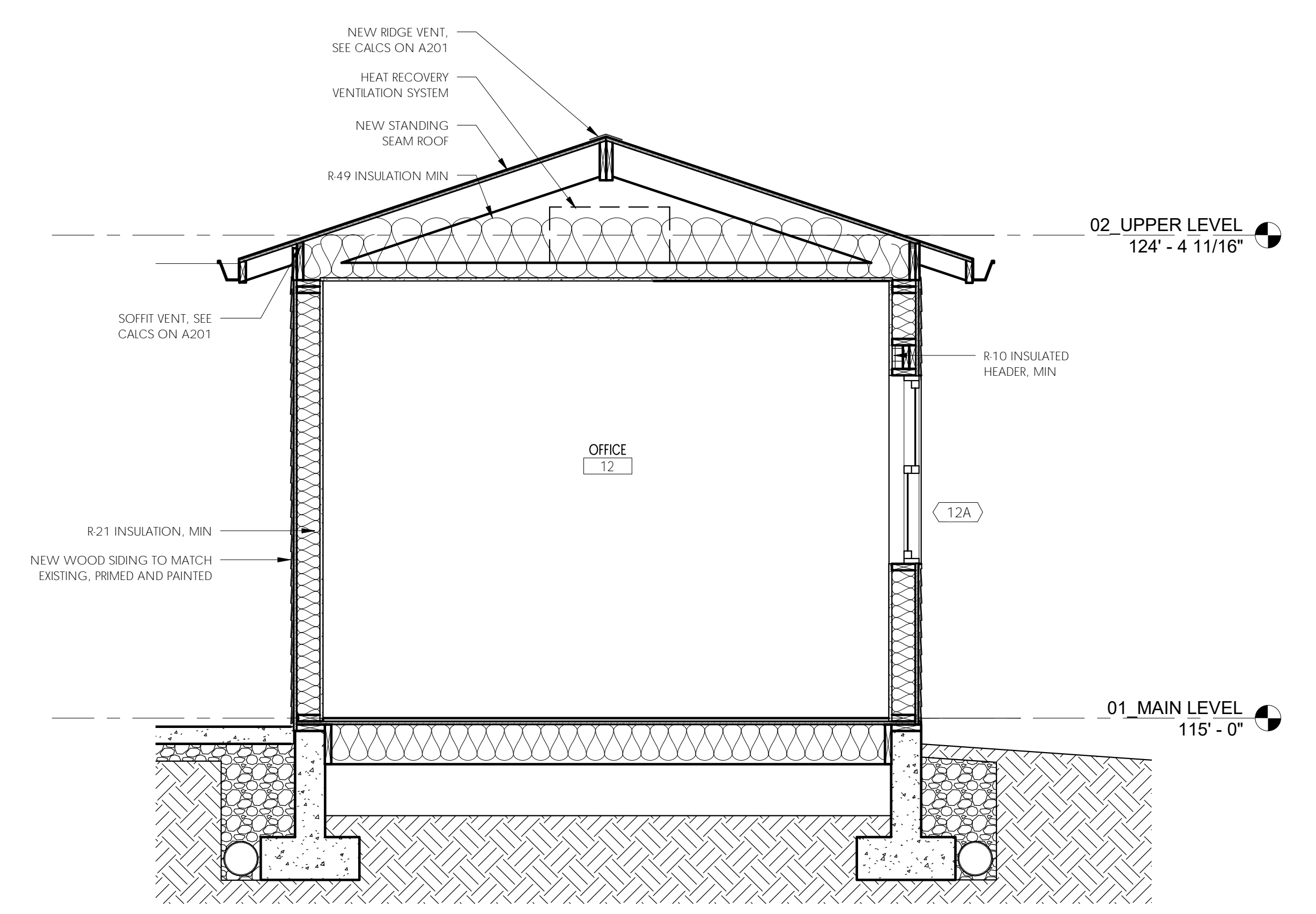
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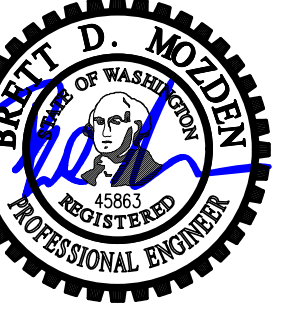
1/4" = 1'-0"



2 SUNROOM SECTION
 1/2" = 1'-0"



3 OFFICE SECTION
 1/2" = 1'-0"



DESIGN:	DMR
DRAWN:	NHD / ABH
CHECKED:	BDM
APPROVED:	BDM

REVISIONS:

DPD:

PROJECT TITLE:
Miller Blood Residence
 2420 63rd Ave SE
 Mercer Island, WA 98040

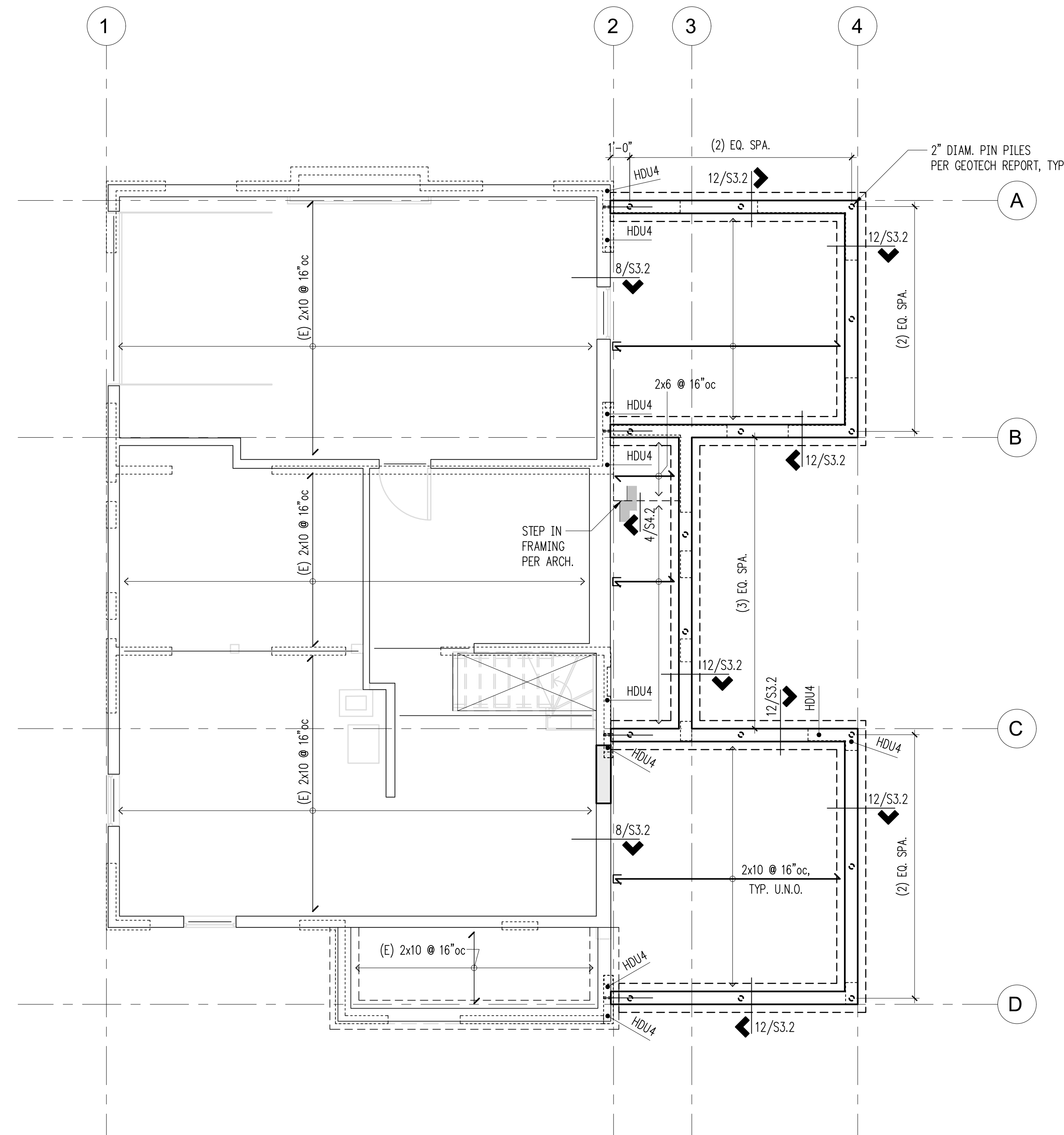
ARCHITECT:
Rain City Architecture
 clint@raincityarchitecture.com
 PH 206.636.1163

ISSUE:
PERMIT

SHEET TITLE:
Main Floor Framing and Foundation Plans

SCALE: 1/4" = 1'-0" U.N.O.
 DATE: November 17, 2021
 PROJECT NO: 11947-2021-02
 SHEET NO:

S2.1



Main Floor Framing Plan

Scale: 1/4" = 1'-0"

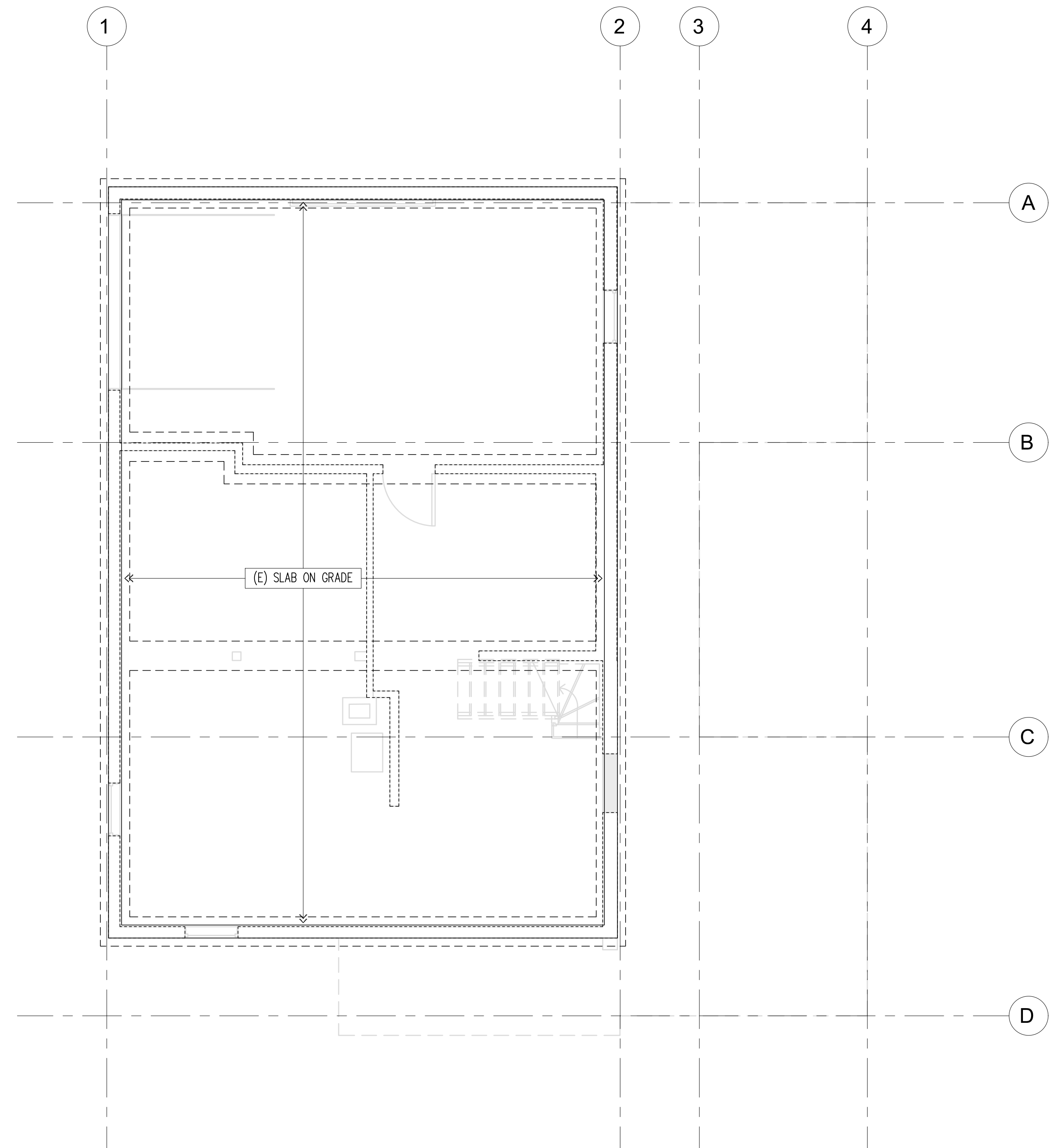


Plan Notes

- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- EXISTING FRAMING ON PLANS IS ASSUMED. CONTRACTOR TO VERIFY DIRECTIONS AND EXTENTS. NOTIFY ARCHITECT AND ENGINEER IF DIFFERENT.
- THE BOTTOM OF ALL NEW EXTERIOR FOOTINGS SHALL BE 18" MINIMUM BELOW EXTERIOR GRADE. ALL NEW POSTS ABOVE SHALL BEAR FULLY ON BEAMS OR POSTS BELOW AND SHALL HAVE FULL CONTINUOUS BEARING THROUGH FLOORS TO FOUNDATION.
- TYPICAL NEW FLOOR FRAMING CONSISTS OF FLOORING PER ARCHITECT OVER 3/4" T&G APA RATED PLYWOOD OVER JOISTS PER PLAN, FACE GRAIN PERPENDICULAR TO JOISTS, U.O.N.
- NAIL NEW FLOOR SHEATHING W/ 8d @ 6" oc AT FRAMED PANEL EDGES AND OVER SHEARWALLS, AND @ 12" oc IN FIELD.
- PROVIDE BLOCKING/BRIDGING @ 8'-0" oc IN NEW FLOOR FRAMING
- PROVIDE (2) BEARING STUDS AT EACH END OF ALL NEW HEADERS AND BEAMS OVER 3'-0" IN LENGTH, U.O.N.
- PROVIDE AC, ACE, PC, EPC, LPC, OR LCE COLUMN CAP AND BASE AT ALL NEW BEAM TO COLUMN CONNECTIONS U.O.N.

Legend

	NEW STRUCTURAL WALL OR POST BELOW
	NEW STRUCTURAL WALL OR POST ABOVE
	EXISTING STRUCTURAL WALL OR POST ABOVE
	NON-STRUCTURAL WALL BELOW
	EXISTING WALL OR POST BELOW
	EXISTING STEM WALL & FOOTING
	NEW STEM WALL & FOOTING
	SHEARWALL PER 12/S4.1
	SPAN DIRECTION
	EXTENT OF JOISTS
	NEW HEADER/BEAM PER PLAN
	EXISTING HEADER/BEAM
	HOLDOWN PER 12/S3.1
	2" PIN PILES PER GEOTECH REPORT
	CHANGE IN ELEVATION



Foundation Plan

Scale: 1/4" = 1'-0"

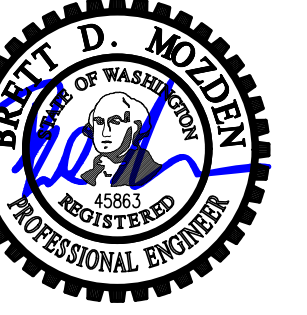


Plan Notes

- NO WORK THIS LEVEL.
- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- EXISTING FRAMING ON PLANS IS ASSUMED. CONTRACTOR TO VERIFY DIRECTIONS AND EXTENTS. NOTIFY ARCHITECT AND ENGINEER IF DIFFERENT.

Legend

	NEW STRUCTURAL WALL OR POST ABOVE
	EXISTING STRUCTURAL WALL OR POST ABOVE
	EXISTING STEM WALL & FOOTING



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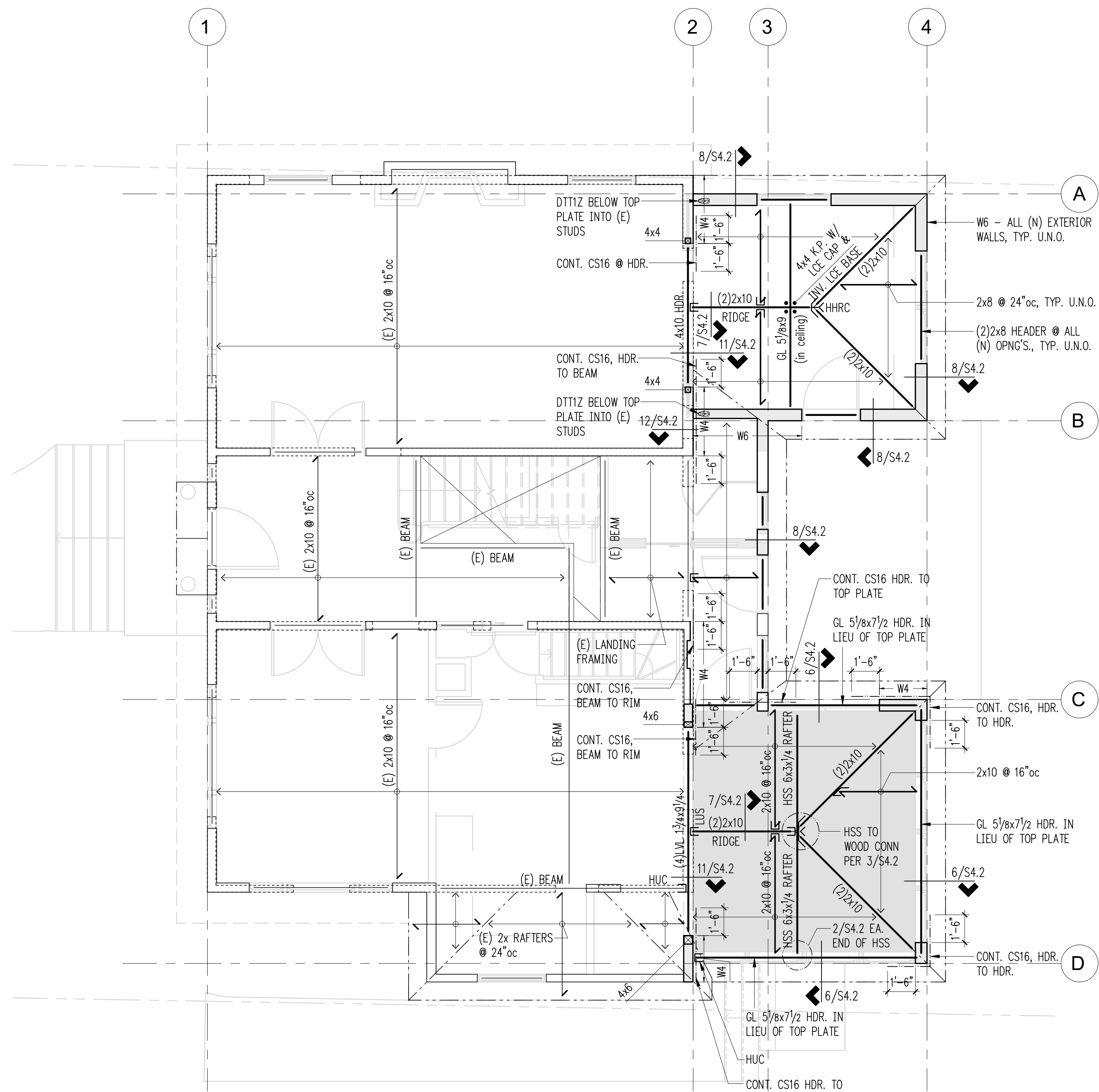
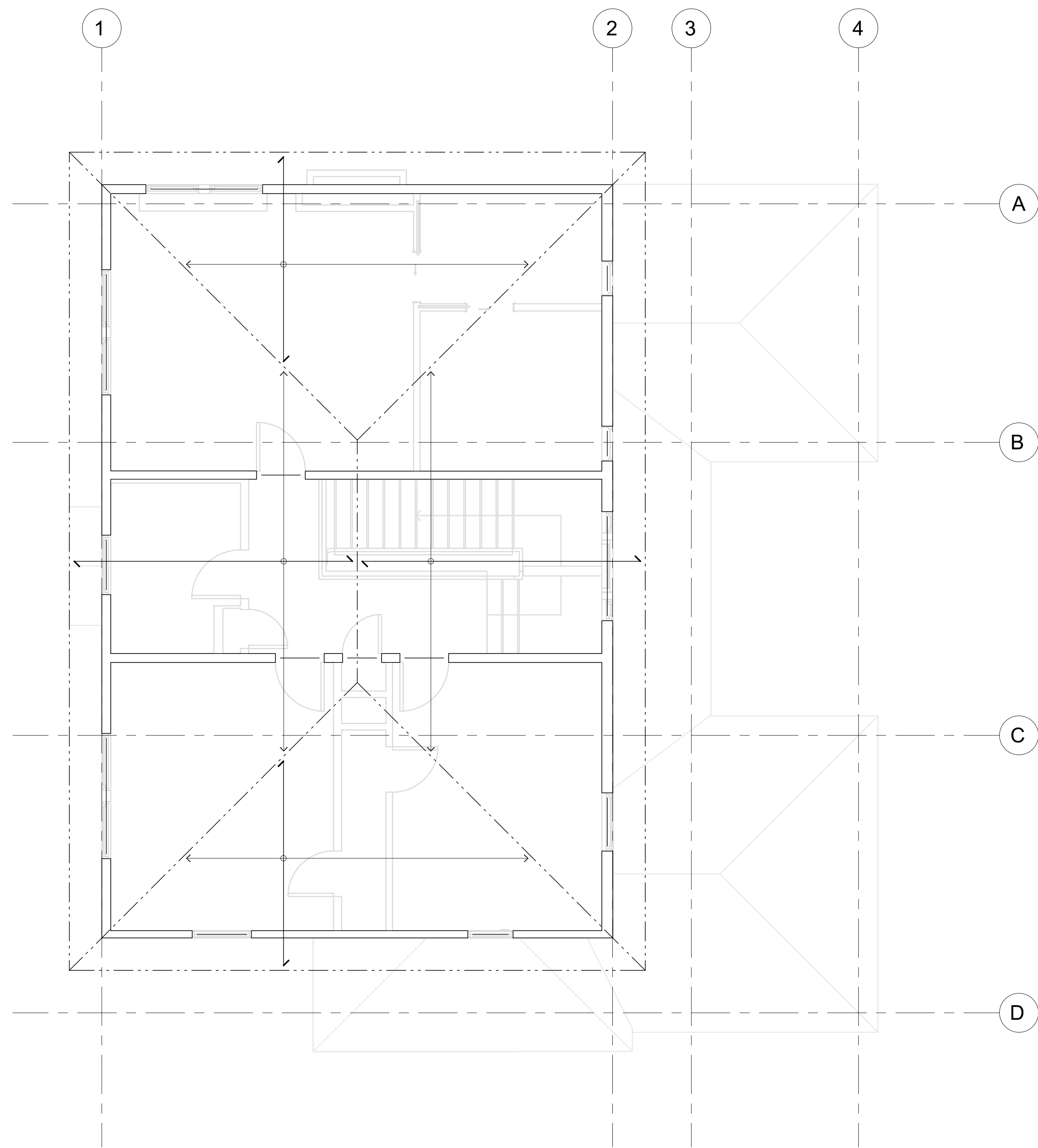
REVISIONS:	

PROJECT TITLE:
Miller Blood Residence
 2420 63rd Ave SE
 Mercer Island, WA 98040

ARCHITECT:
Rain City Architecture
 clint@raincityarchitecture.com
 PH 206.636.1163

ISSUE:
PERMIT

SHEET TITLE:
Roof and Upper Floor Framing Plans
 SCALE: 1/4" = 1'-0" U.N.O.
 DATE: November 17, 2021
 PROJECT NO: 11947-2021-02
 SHEET NO:



Roof Framing Plan

Scale: 1/4" = 1'-0"

Plan Notes

- NO WORK THIS LEVEL.
- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- EXISTING FRAMING ON PLANS IS ASSUMED. CONTRACTOR TO VERIFY DIRECTIONS AND EXTENTS. NOTIFY ARCHITECT AND ENGINEER IF DIFFERENT.

Legend

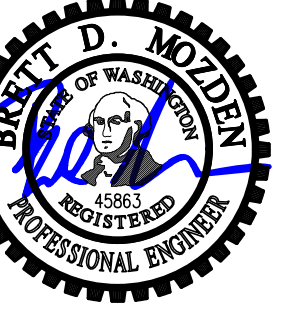
- NON-STRUCTURAL WALL BELOW
- EXISTING WALL OR POST BELOW
- SPAN DIRECTION
- EXTENT OF JOISTS
- EXISTING HEADER/BEAM

Plan Notes

- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- EXISTING FRAMING ON PLANS IS ASSUMED. CONTRACTOR TO VERIFY DIRECTIONS AND EXTENTS. NOTIFY ARCHITECT AND ENGINEER IF DIFFERENT.
- "W." INDICATES NEW PLYWOOD SHEARWALL BELOW FRAMING SHOWN. REFER TO SHEARWALL SCHEDULE FOR WALL ATTACHMENTS. ALL NEW EXTERIOR WOOD FRAMED WALLS ARE W6, U.O.N.
- ALL NEW WOOD HEADERS SHALL BE (2)2x8, U.O.N.
- PROVIDE (2) BEARING STUDS AT EACH END OF ALL NEW HEADERS AND BEAMS OVER 3'-0" IN LENGTH, U.O.N.
- NEW MANUFACTURED LUMBER PRODUCTS (LSL, LVL, PSL, GL) SHALL BE INSTALLED WITH A MOISTURE CONTENT OF 12% OR LESS. THE CONTRACTOR SHALL MAKE PROVISIONS DURING CONSTRUCTION TO PREVENT THE MOISTURE CONTENT OF INSTALLED BEAMS FROM EXCEEDING 12%.
- PROVIDE AC, ACE, PC, EPC, LPC, OR LCE COLUMN CAP AND BASE AT ALL NEW BEAM TO COLUMN CONNECTIONS U.O.N.
- TYPICAL NEW ROOF FRAMING CONSISTS OF ROOFING PER ARCHITECTURAL DRAWINGS OVER 1/2" CDX OR 7/16" O.S.B. APA RATED SHEATHING (EXPOSURE 1), FACE GRAIN PERPENDICULAR TO FRAMING PER PLAN, U.O.N.
- NAIL NEW ROOF SHEATHING WITH 8d @ 6"oc AT ALL FRAMED PANEL EDGES AND OVER SHEARWALLS, AND @ 12"oc FIELD.
- PROVIDE H1 AT ENDS OF ALL NEW ROOF FRAMING, U.O.N.

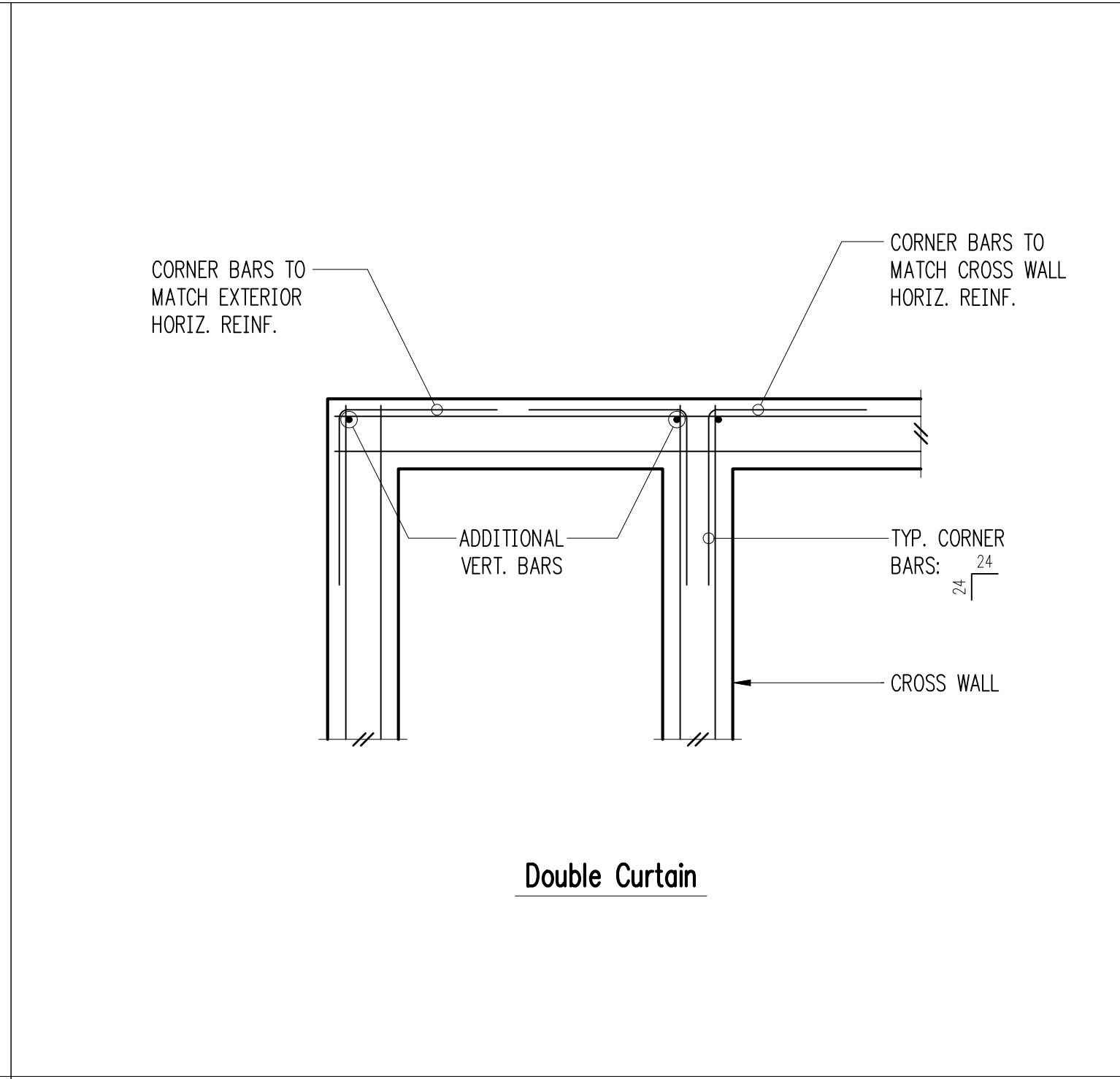
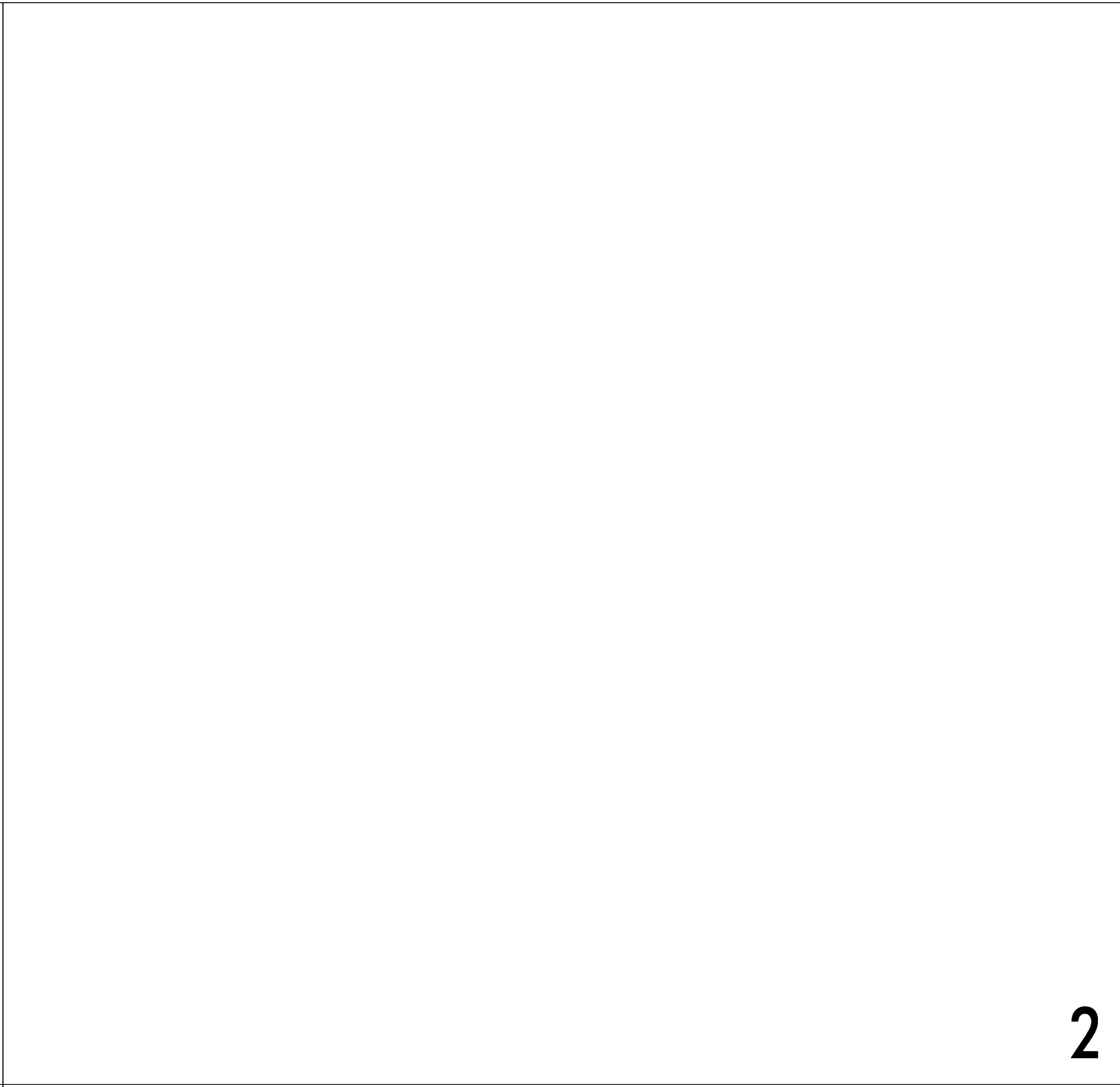
Legend

- NEW STRUCTURAL WALL OR POST BELOW
- EXISTING STRUCTURAL WALL OR POST ABOVE
- NON-STRUCTURAL WALL BELOW
- EXISTING WALL OR POST BELOW
- SHEARWALL PER 12/S4.1
- SPAN DIRECTION
- EXTENT OF JOISTS
- NEW HEADER/BEAM PER PLAN
- EXISTING HEADER/BEAM
- BLOCKED ROOF DIAPHRAGM:
2x4 FLAT BLKG. AT ALL PLYWOOD PANEL EDGES. NAIL ALL PLYWOOD PANEL EDGES W/ 8d @ 4"oc & @ 12"oc FIELD



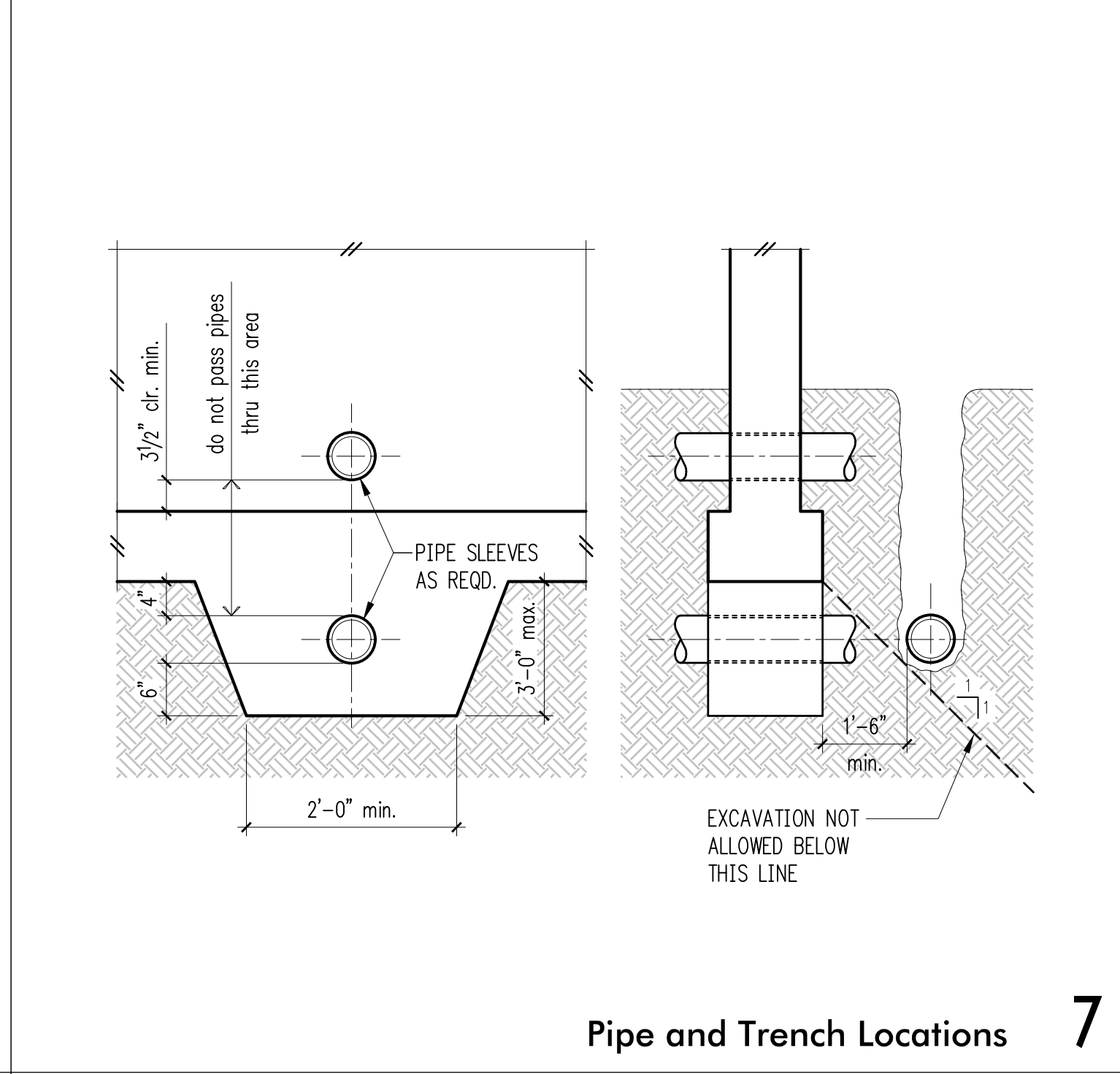
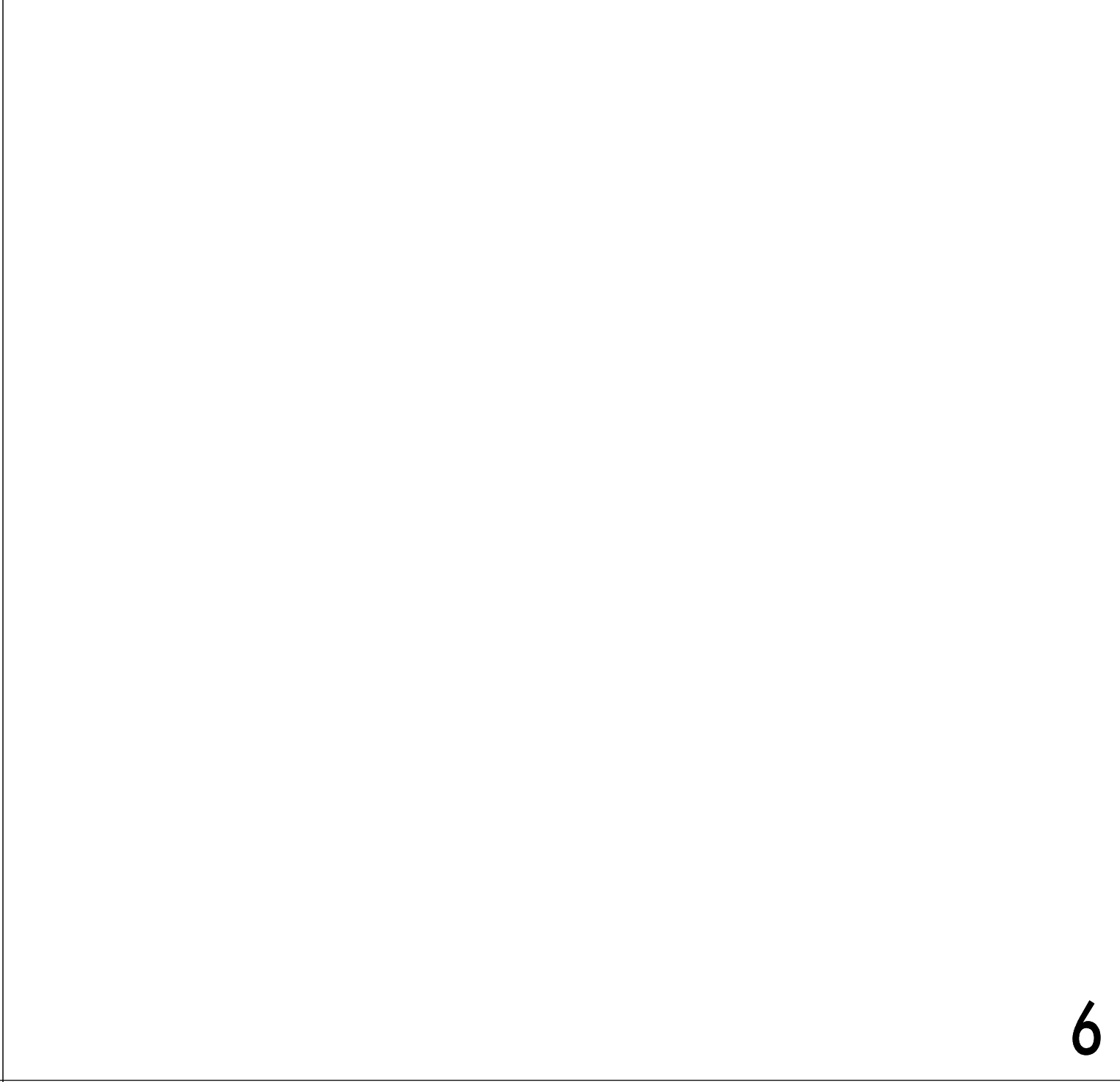
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APPROVED:	BDM

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4

5

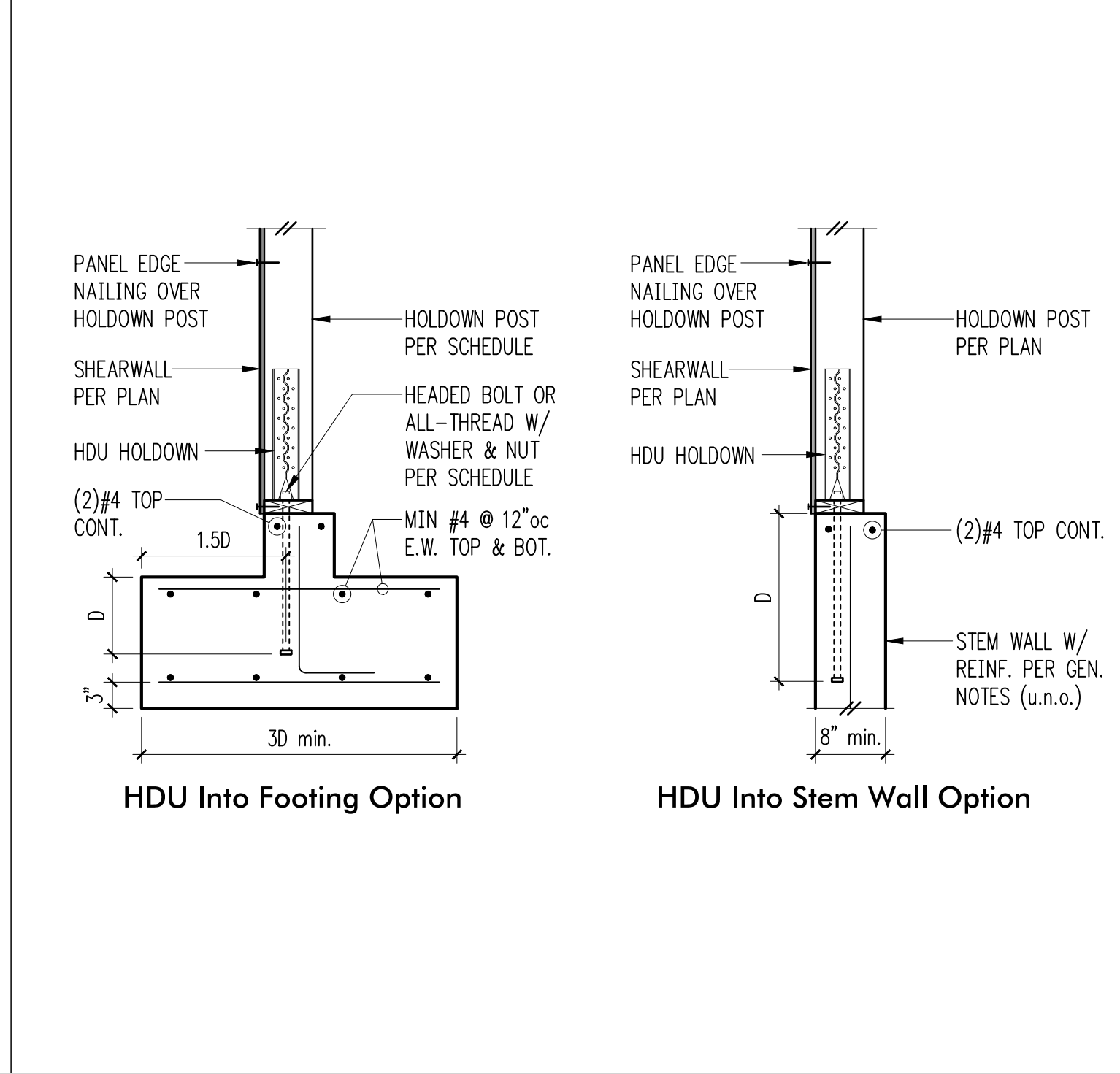
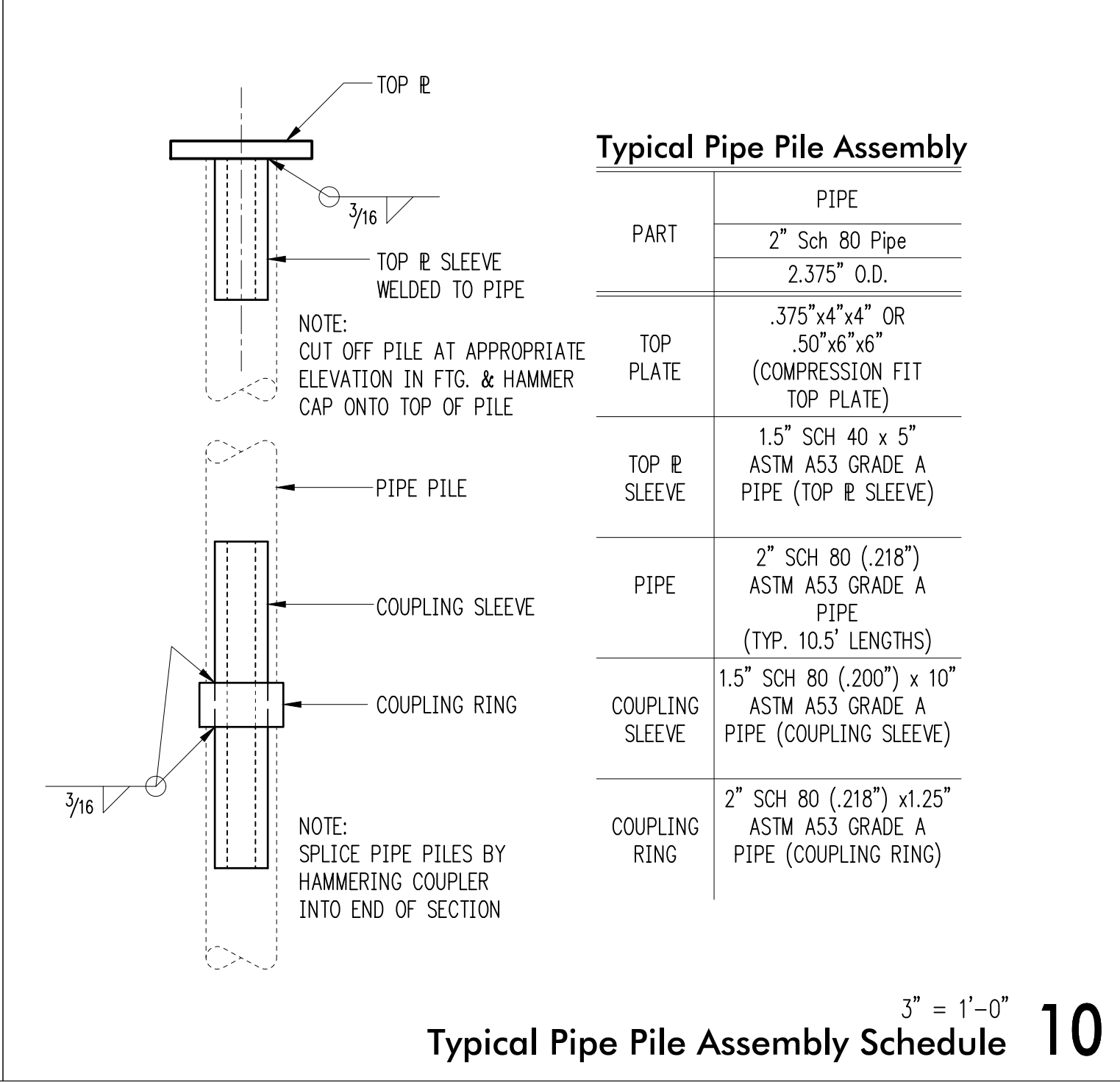


8

Plan Mark	Screws	Anchor Bolt	A.B. Embed	Holddown Post ①	
				if 2x4	if 2x6
HDU2-SDS2.5	(6)SDS 1/4"x2 1/2"	5/8"Ø	12"	(2) 2x4	(2) 2x6
HDU4-SDS2.5	(10)SDS 1/4"x2 1/2"	5/8"Ø	16"	4x4	4x6
HDU5-SDS2.5	(14)SDS 1/4"x2 1/2"	5/8"Ø	20"	4x6	4x6
HDU8-SDS2.5	(20)SDS 1/4"x2 1/2"	7/8"Ø	24"	4x8	6x6
HDU11-SDS2.5	(30)SDS 1/4"x2 1/2"	1"Ø	24"	4x10	6x6
HDU14-SDS2.5	(36)SDS 1/4"x2 1/2"	1"Ø	24"	4x12	6x8

① MINIMUM SIZE OF POST AT END OF WALL UNLESS OTHERWISE NOTED ON FRAMING PLANS.

9



10

Plan Mark	Screws	Anchor Bolt	Min. A.B. Embed (D)		Holddown Post ①	
			Stem Wall	Footing	if 2x4	if 2x6
HDU2-SDS2.5	(6)SDS 1/4"x2 1/2"	5/8"Ø	12"	4"	(2) 2x4	(2) 2x6
HDU4-SDS2.5	(10)SDS 1/4"x2 1/2"	5/8"Ø	18"	6"	4x4	4x6
HDU5-SDS2.5	(14)SDS 1/4"x2 1/2"	5/8"Ø	S878x24	7"	4x4	4x6
HDU8-SDS2.5	(20)SDS 1/4"x2 1/2"	7/8"Ø	SSTB28	8"	4x6	6x6
HDU11-SDS2.5	(30)SDS 1/4"x2 1/2"	1"Ø	SB1x30	10"	4x8	6x6
HDU14-SDS2.5	(36)SDS 1/4"x2 1/2"	1"Ø	N/A	12"	4x8	6x6

① MINIMUM SIZE OF POST AT END OF WALL UNLESS OTHERWISE NOTED ON FRAMING PLANS.

3" = 1'-0"

10

12

12

REVISIONS:

DPD:

PROJECT TITLE:
Miller Blood Residence
2420 63rd Ave SE
Mercer Island, WA 98040

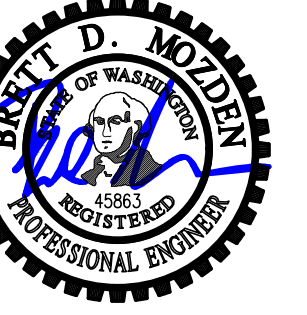
ARCHITECT:
Rain City Architecture
clint@raincityarchitecture.com
PH 206.636.1163

ISSUE:
PERMIT

SHEET TITLE:
Typical Concrete Details

SCALE: 3/4" = 1'-0" U.N.O.
DATE: November 17, 2021
PROJECT NO: 11947-2021-02
SHEET NO:

S3.1



DESIGN:	DMR
DRAWN:	NHD / ABH
CHECKED:	BDM
APPROVED:	BDM

REVISIONS:

DPD:

PROJECT TITLE:
Miller Blood Residence
2420 63rd Ave SE
Mercer Island, WA 98040

ARCHITECT:
Rain City Architecture
clint@raincityarchitecture.com
PH 206.636.1163

ISSUE:
PERMIT

SHEET TITLE:
Typical Concrete Details

SCALE: 3/4" = 1'-0" U.N.O.
DATE: November 17, 2021
PROJECT NO: 11947-2021-02
SHEET NO:

S3.2

1

2

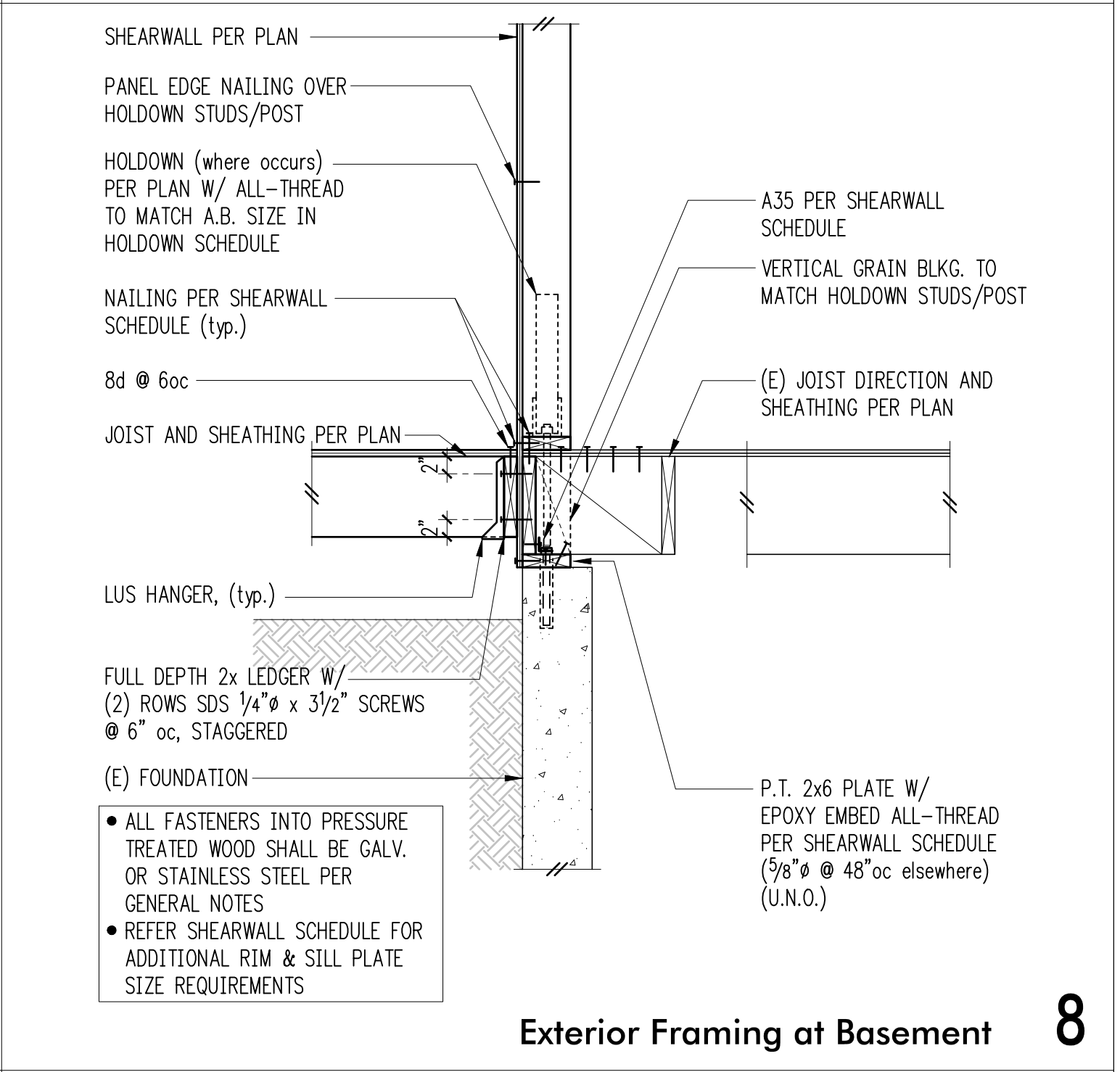
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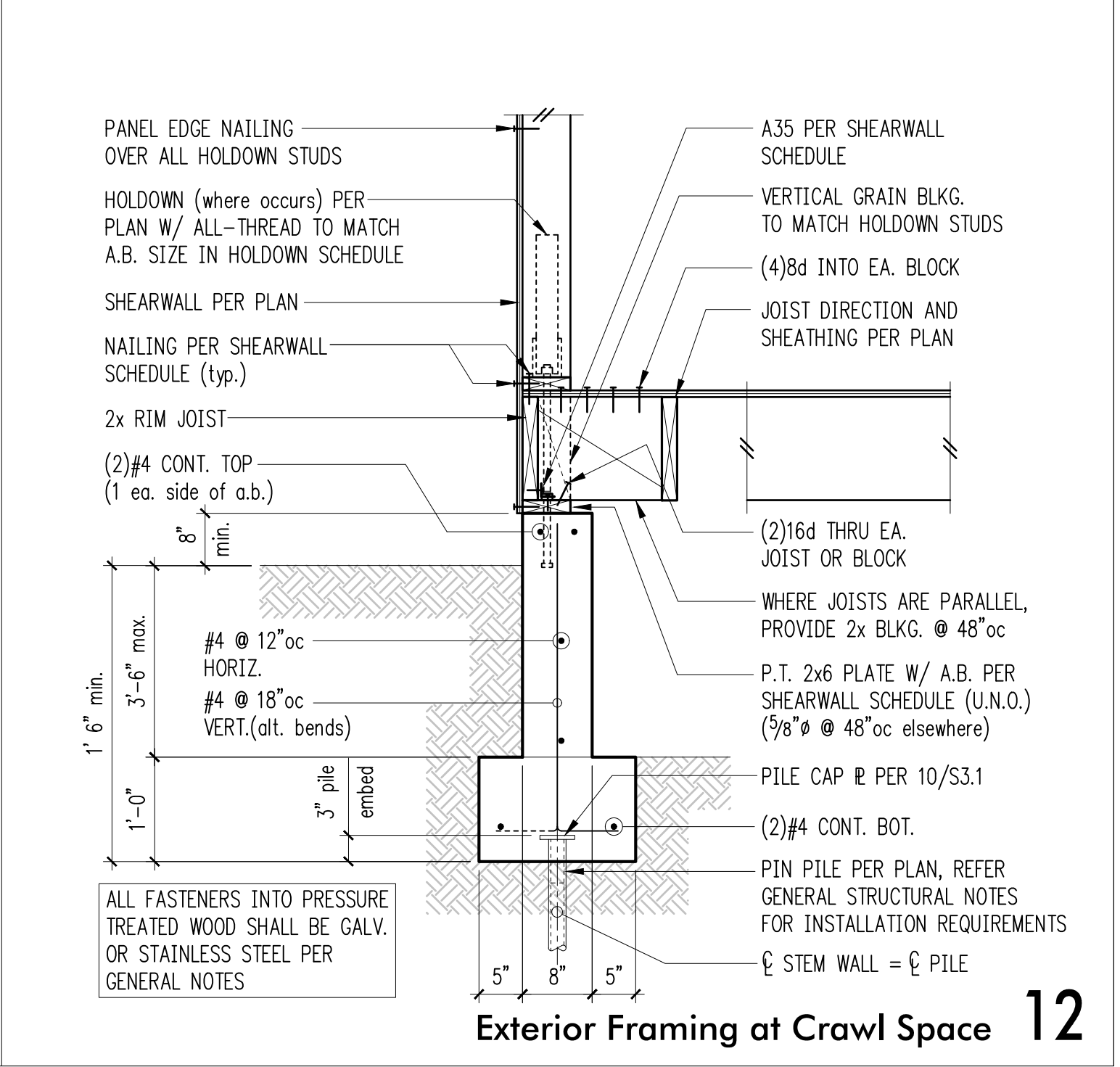
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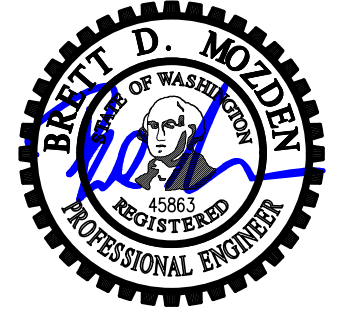
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11



12



DESIGN: DMR
DRAWN: NHD / ABH
CHECKED: BDM
APPROVED: BDM

REVISIONS:

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PROJECT TITLE:
Miller Blood Residence
2420 63rd Ave SE
Mercer Island, WA 98040

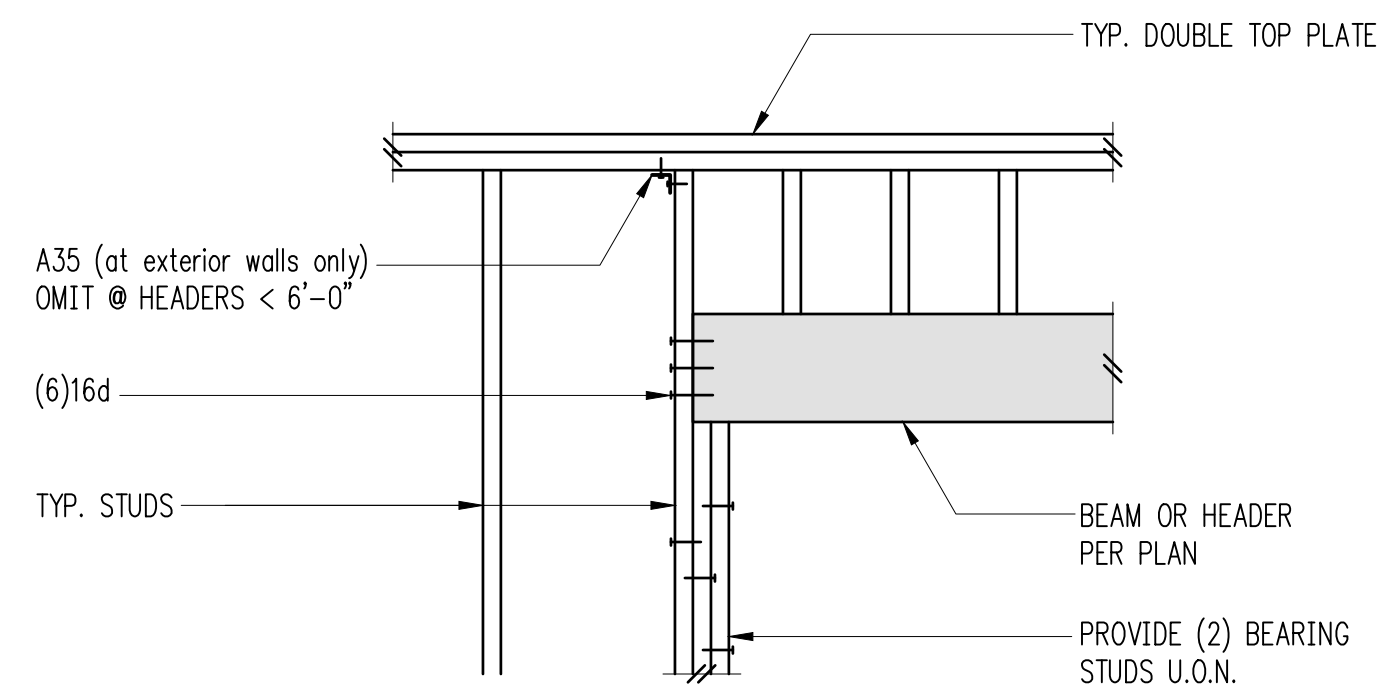
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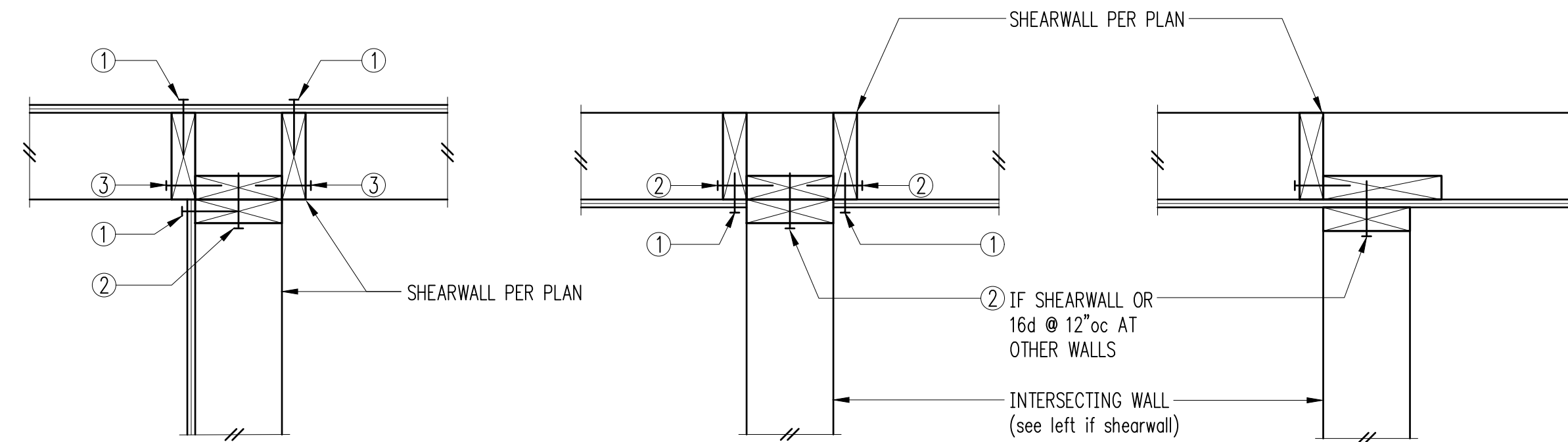
SHEET TITLE:
Typical Wood Details

SCALE:
3/4" = 1'-0" U.N.O.
DATE:
November 17, 2021
PROJECT NO:
11947-2021-02
SHEET NO:

S4.1

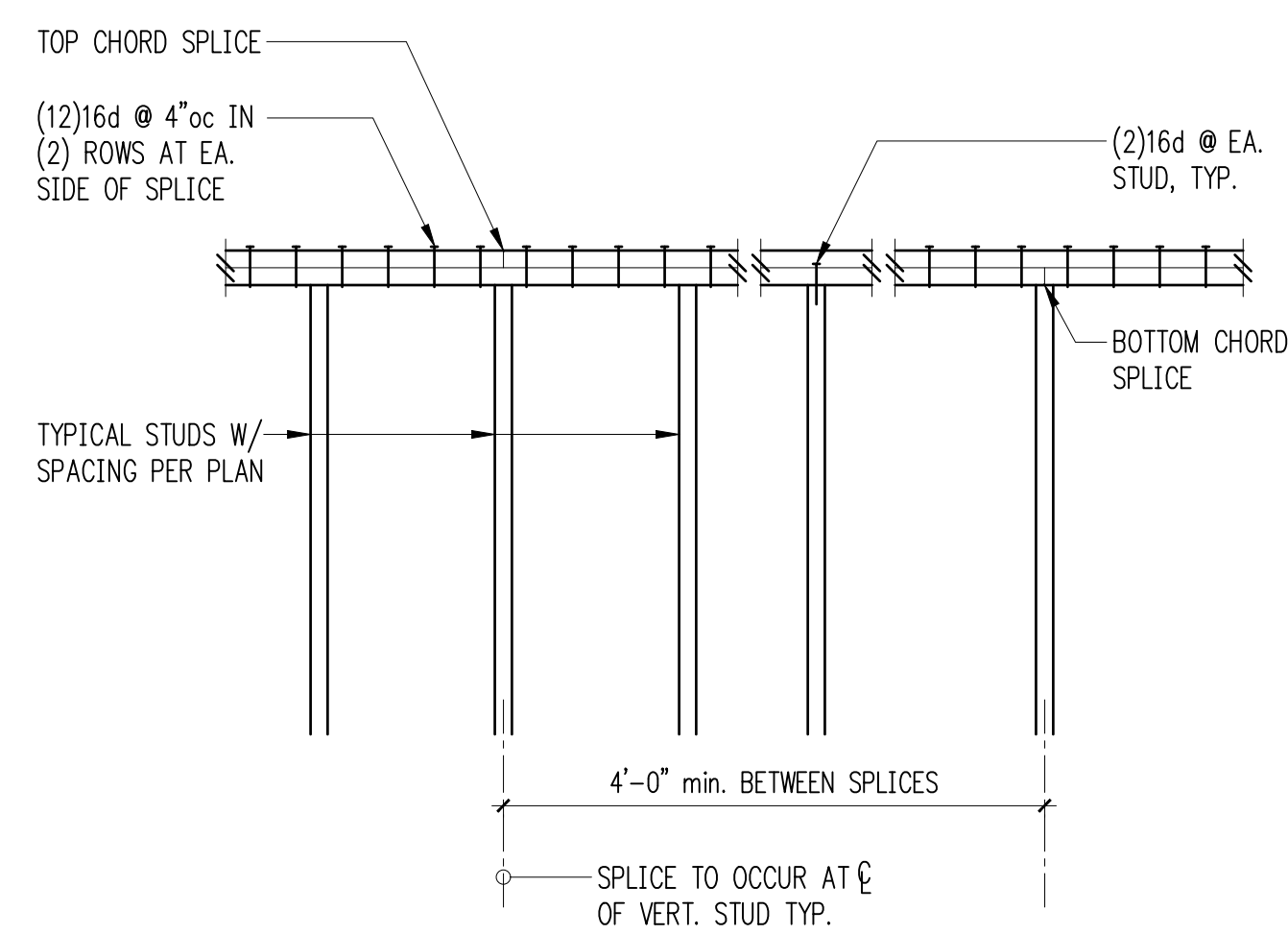


1 **Typical Header Support w/2 Bearing Studs** 2

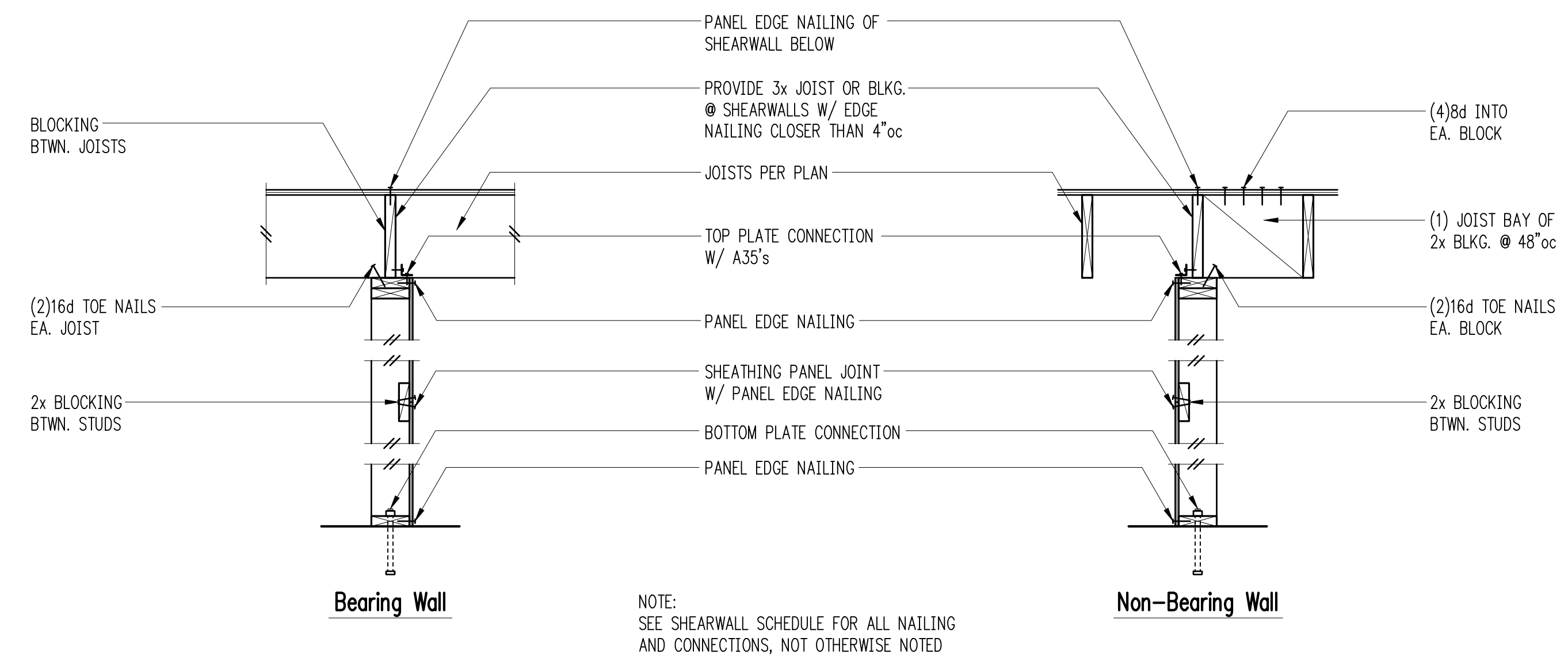


- ① PLYWOOD PANEL EDGE NAILING PER SHEARWALL SCHEDULE
- ② BASE PLATE NAILING PER SHEARWALL SCHEDULE
- ③ 16d @ 8"oc

Typical Shearwall Intersections 4



5 **Typical Top Plate Splice** 6

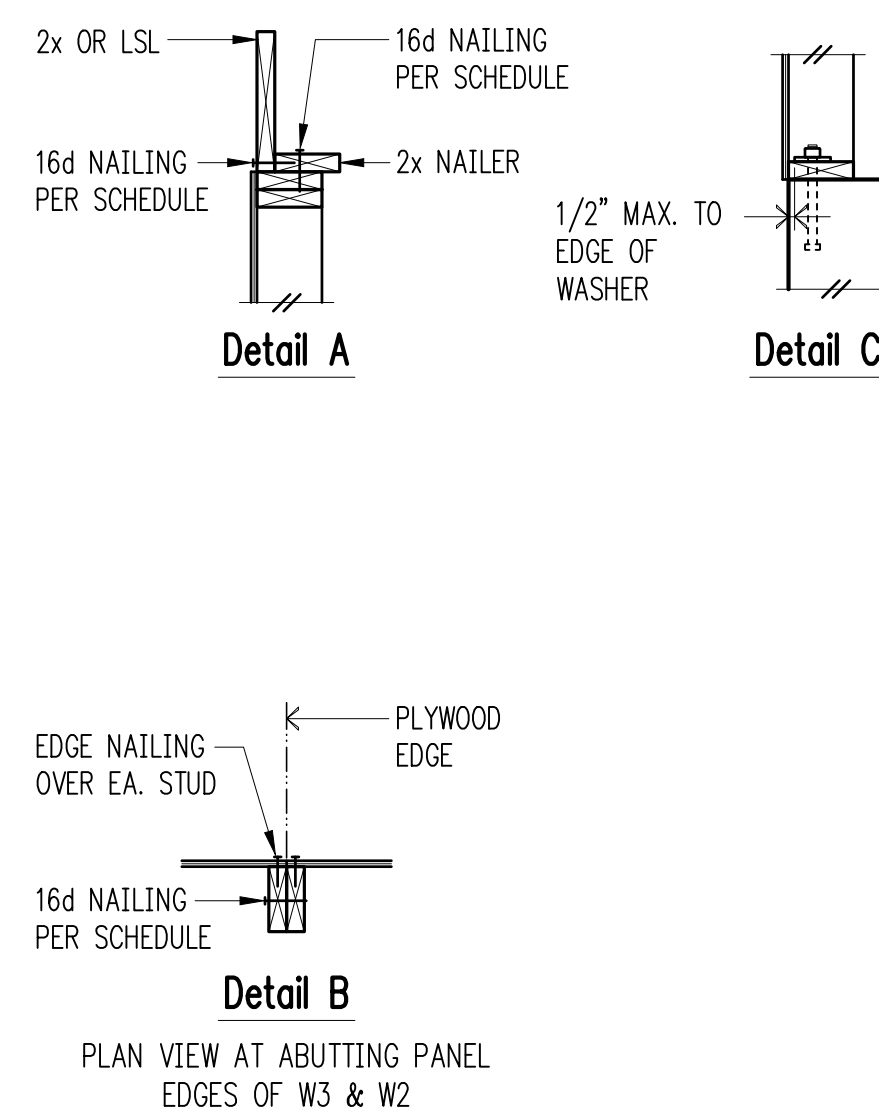


Typical Shearwall Construction 8

	A	B	C
PLAN VIEW			
SECTION			
# OF WOOD BMS (LVL)	2-1 3/4"	3-1 1/4"	4-1 1/4"
SDS SCREW SIZE	1/4"x3/2"	1/4"x4/2"	1/4"x6"
# OF SDS SCREWS	3	3	3
SPACING OF SDS SCREWS	16"oc	8"oc	6"oc

NOTES:
- MIN. SCREW END DISTANCE = 4"

9 **Sistering Schedule for Multi Beams** 10

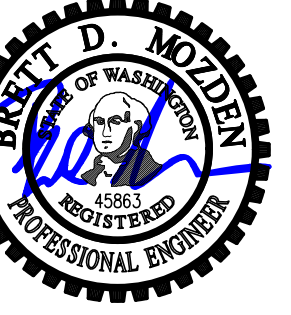


Shearwall Schedule ①②③④⑤⑥⑦

Mark	Sheathing	Panel Edge Nailing	Top Plate Connection		Base Plate Connection	
			if TJI	if 2x or LSL	at Wood	at Concrete
W6	15/32" CDX PLYWOOD	8d @ 6"oc	16d @ 6"oc	A35 @ 24"oc	16d @ 6"oc	5/8" A.B. @ 48"oc
W4	15/32" CDX PLYWOOD	8d @ 4"oc	16d @ 4"oc	A35 @ 16"oc	16d @ 4"oc	5/8" A.B. @ 32"oc
W3	15/32" CDX PLYWOOD	8d @ 3"oc	(2)rows 16d @ 4"oc	A35 @ 12"oc	(2)rows 16d @ 6"oc	5/8" A.B. @ 24"oc
W2	15/32" CDX PLYWOOD	8d @ 2"oc	(2)rows 16d @ 4"oc	A35 @ 9"oc	(2)rows 16d @ 4"oc	5/8" A.B. @ 16"oc

- ① BLOCK PANEL EDGES WITH 2x MIN. LAID FLAT AND NAIL PANELS TO INTERMEDIATE SUPPORTS WITH 8d @ 12"oc.
- ② 8d NAILS SHALL BE 0.131"φ x 2 1/2" (common) - 16d NAILS SHALL BE 0.135"φ x 3 1/2" (box)
- ③ EMBED ANCHOR BOLTS AT LEAST 7". EXPANSION BOLTS MAY BE SUBSTITUTED FOR ANCHOR BOLTS WITH 4" EMBEDMENT. TITEN HD SCREW ANCHORS MAY BE SUBSTITUTED FOR ANCHOR BOLTS W/ 4" EMBEDMENT. ALL BOLTS SHALL HAVE 3" x 3" x 1/4" MIN. PLATE WASHERS. PLATE WASHERS SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE BOTTOM PLATE ON THE SIDE WITH SHEATHING. SEE DETAIL C.
- ④ 3x STUDS OR DOUBLE STUDS NAILED TOGETHER W/ BASE PLATE NAILING ARE REQUIRED AT ABUTTING PANEL EDGES OF W3 AND W2. SEE DETAIL B. WHERE 3x STUDS ARE USED FOR W2, STAGGER NAILS AT ADJOINING PANEL EDGES.
- ⑤ TWO STUDS MINIMUM ARE REQUIRED AT EACH END OF ALL SHEARWALLS AND ALL END STUDS SHALL RECEIVE PANEL EDGE NAILING.
- ⑥ ALL EXTERIOR WALLS SHALL BE W6, UNLESS NOTED OTHERWISE.
- ⑦ 7/16" O.S.B. MAY BE SUBSTITUTED FOR 15/32" CDX.
- ⑧ LTP4's W/ 8d COMMON MAY BE SUBSTITUTED FOR A35's AT CONTRACTORS OPTION.
- ⑨ A 2x NAILER ATTACHED W/ BASE PLATE NAILING PER DETAIL A MAY BE SUBSTITUTED FOR A35's AT CONTRACTORS OPTION.
- ⑩ STAGGER NAILS IN ROW W/ 1/2" MIN. OFFSET.
- ⑪ MINIMUM OFFSET BETWEEN ROWS AND ROW SPACING 1/2", STAGGER NAILS 1/2" BETWEEN ROWS, AND MINIMUM RIM OR JOIST 3 1/2" WIDE.
- ⑫ LVL RIMS PERMITTED IN W6 WALLS ONLY

Shearwall Schedule 12



DESIGN: DMR
DRAWN: NHD / ABH
CHECKED: BDM
APPROVED: BDM

REVISIONS:

DPD:

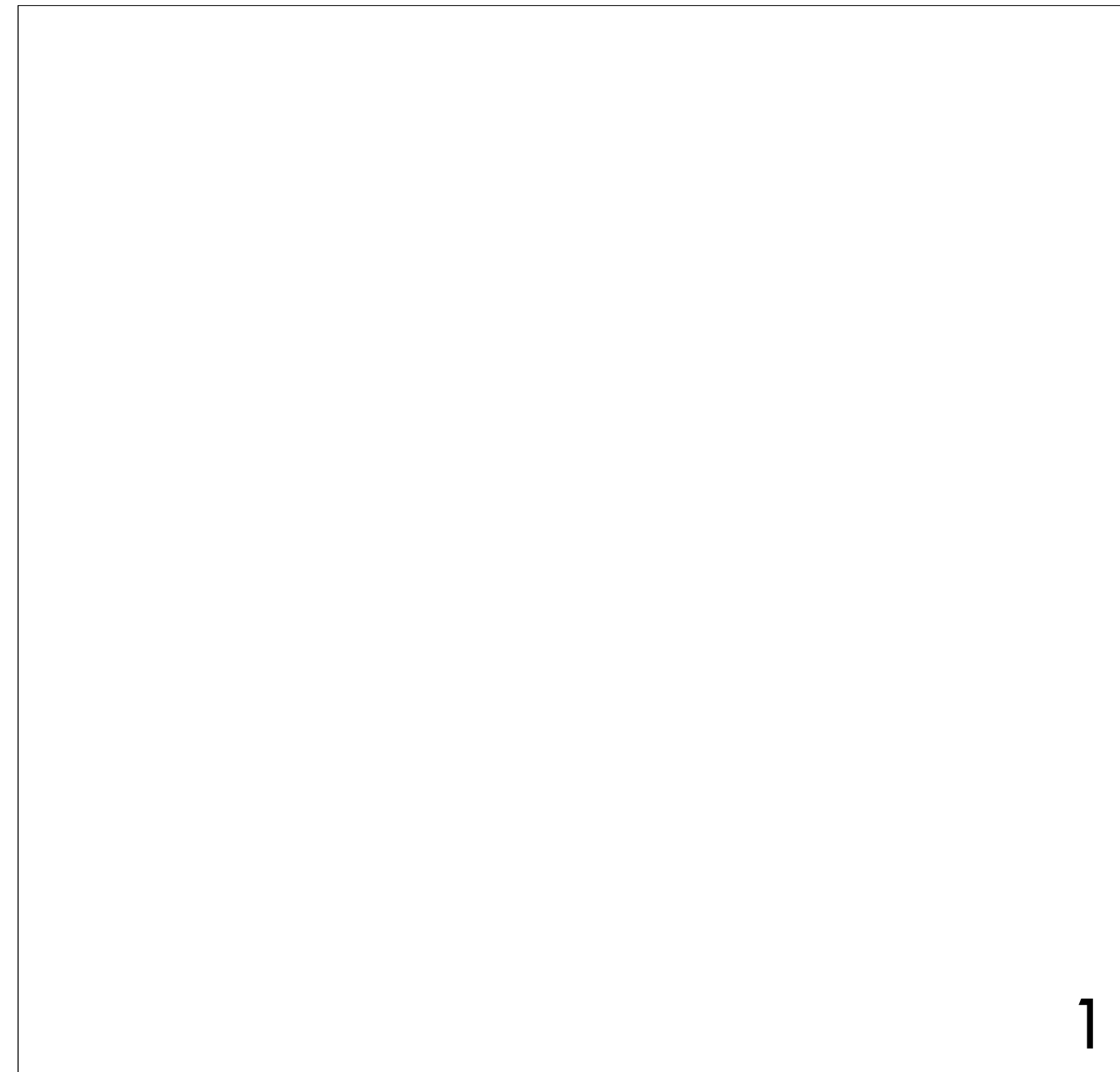
PROJECT TITLE:
Miller Blood Residence
2420 63rd Ave SE
Mercer Island, WA 98040

ARCHITECT:
Rain City Architecture
clint@raincityarchitecture.com
PH 206.636.1163

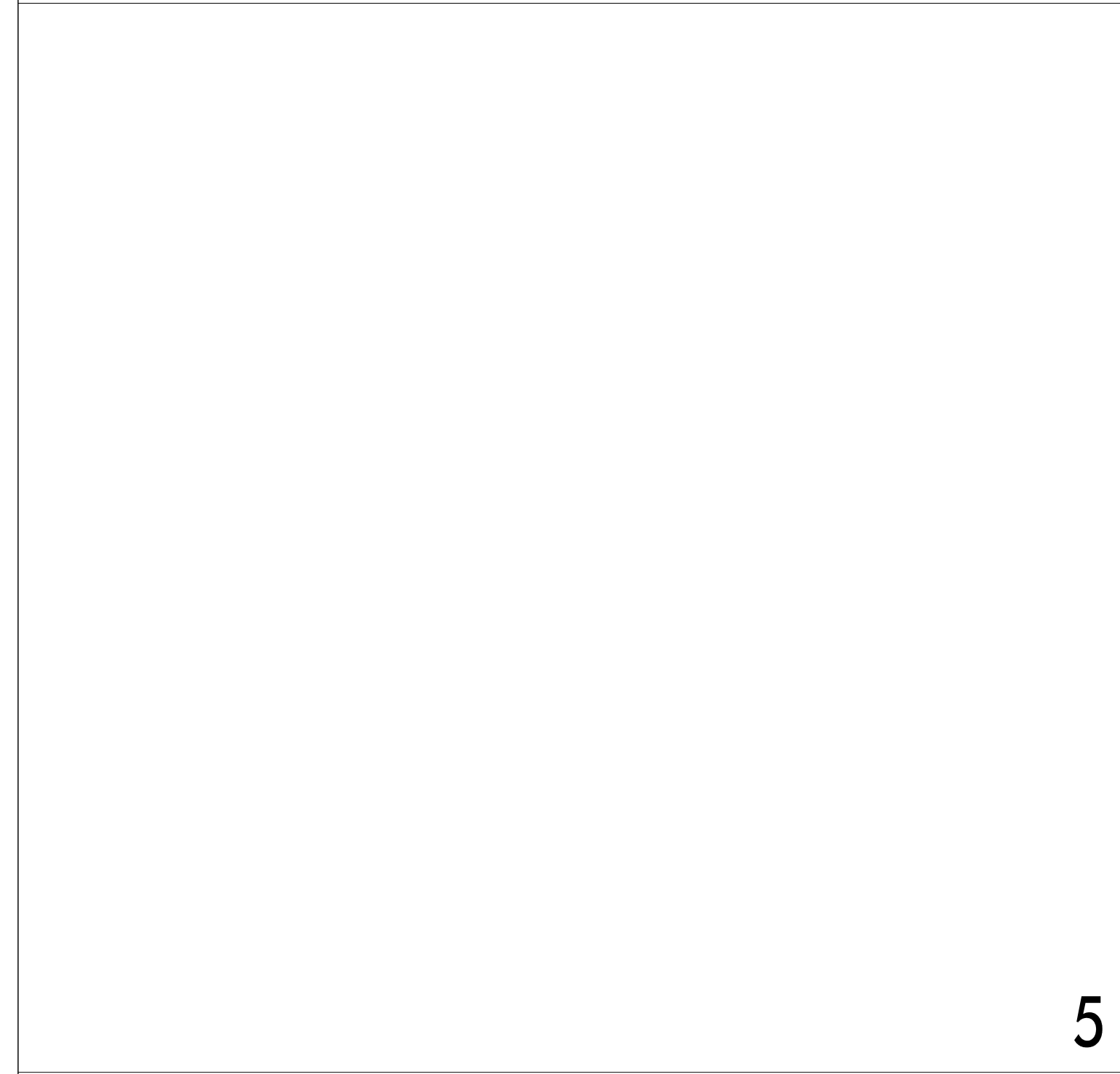
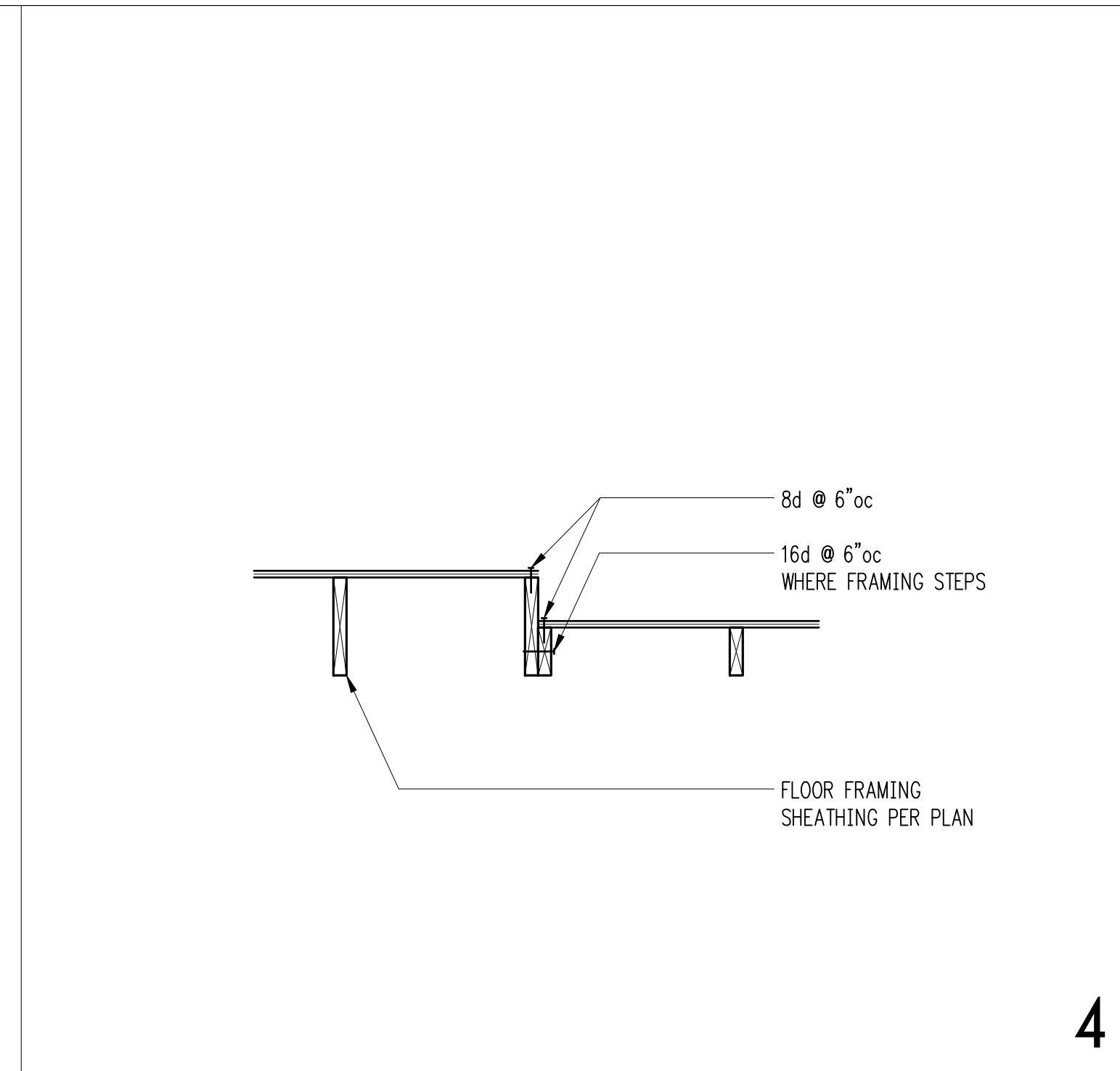
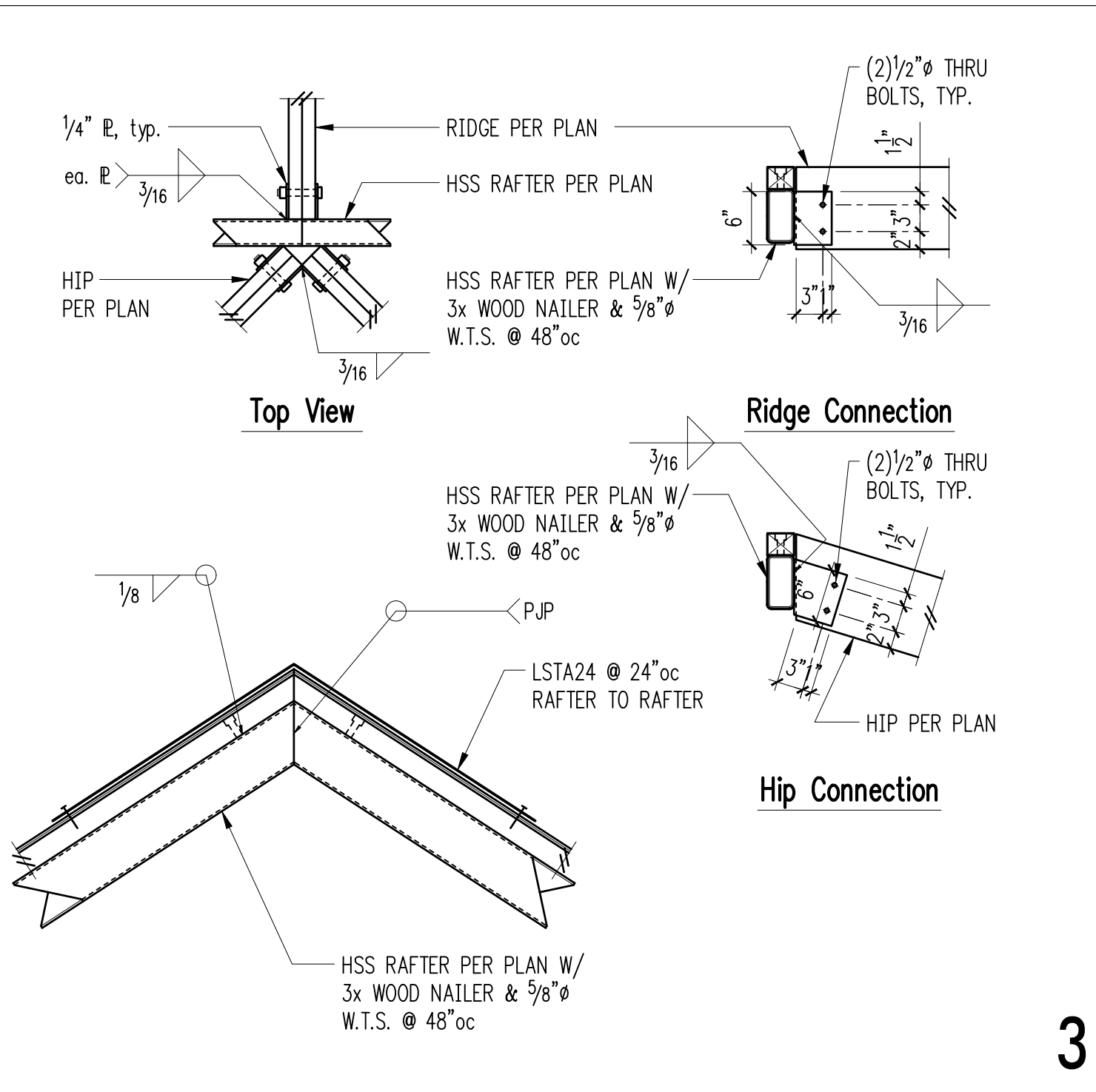
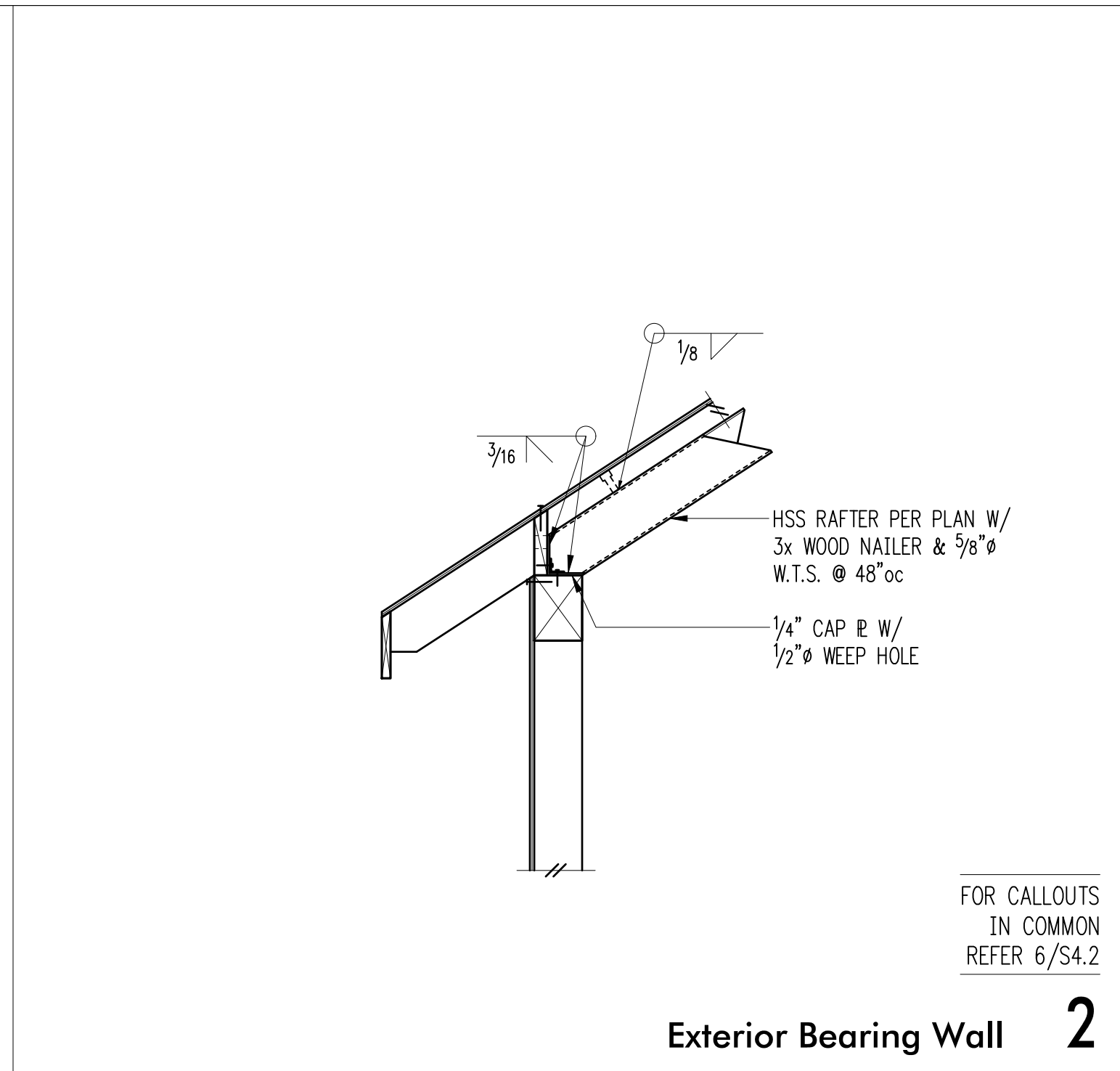
ISSUE:
PERMIT
SHEET TITLE:
**Typical Wood
Details**

SCALE: $\frac{3}{4}'' = 1'-0''$ U.N.O.
DATE: November 17, 2021
PROJECT NO: 11947-2021-02
SHEET NO:

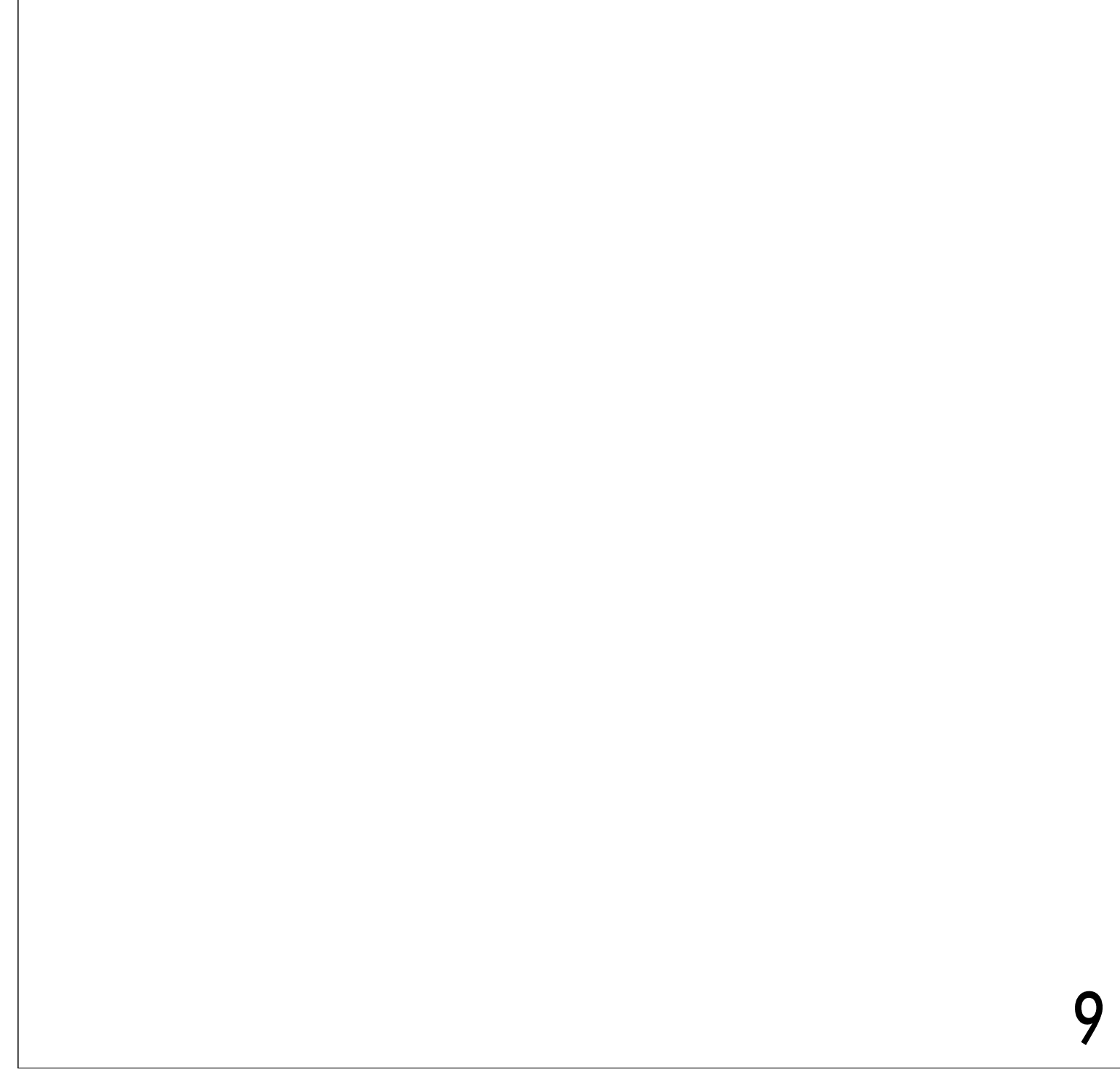
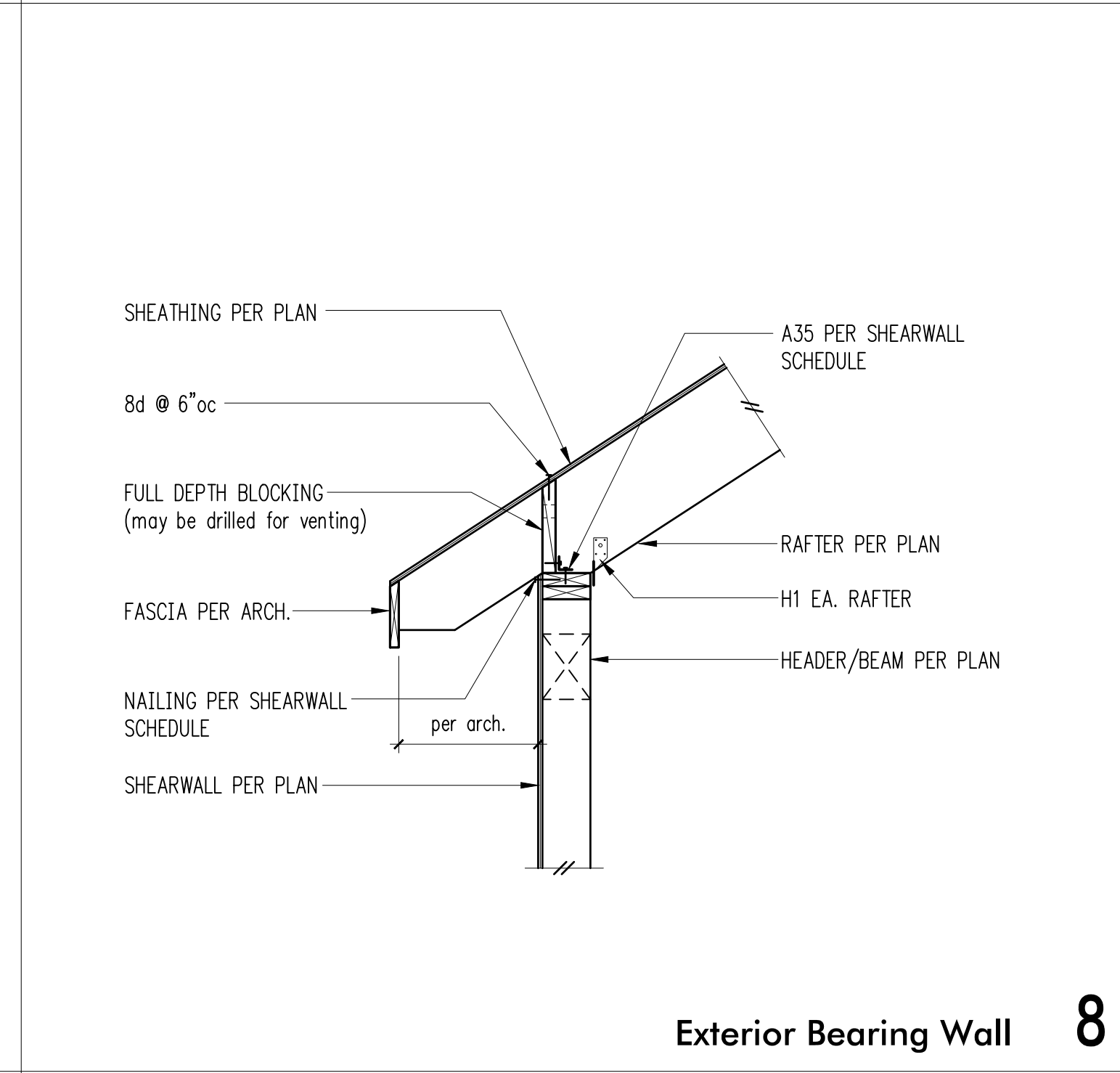
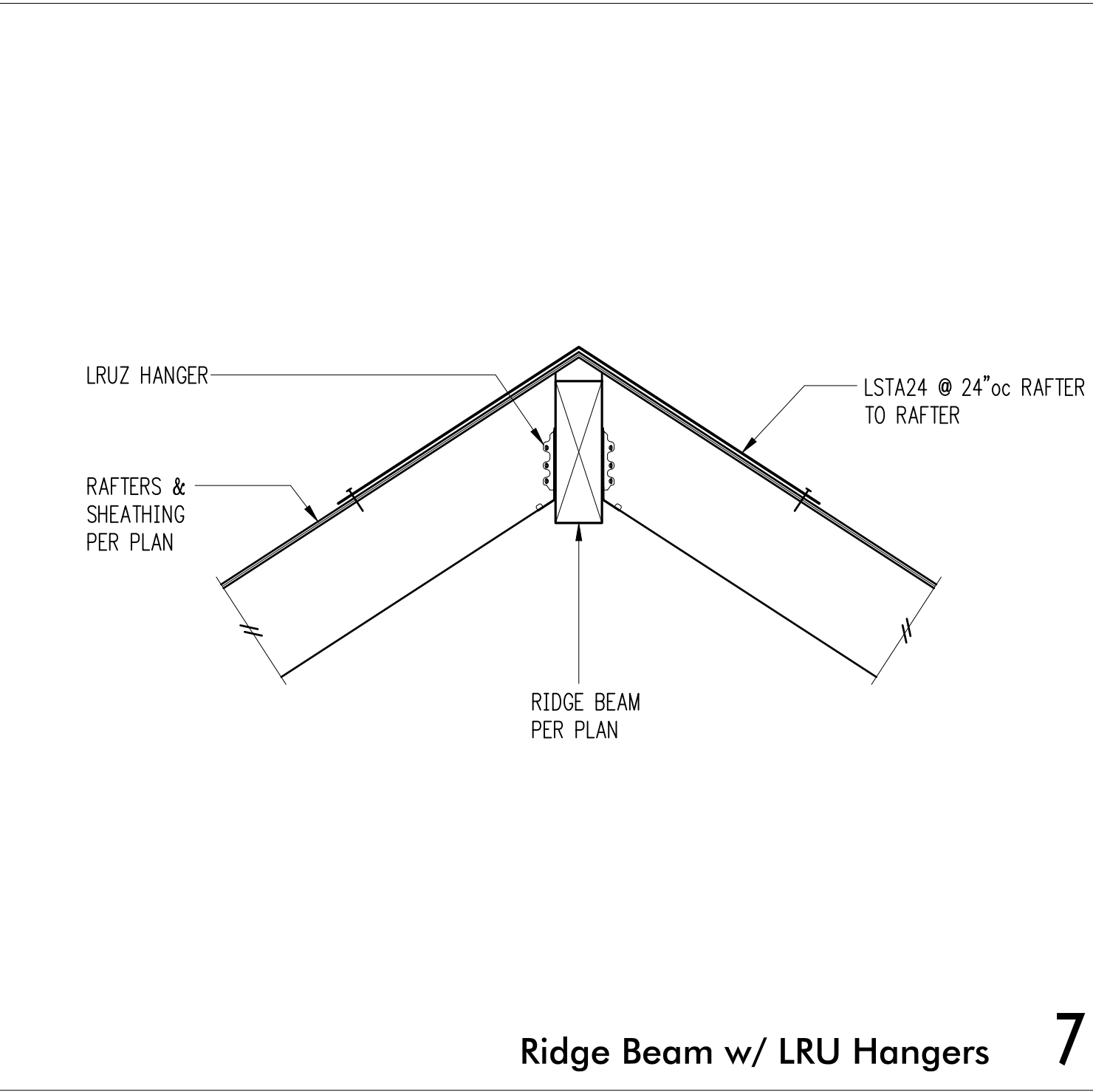
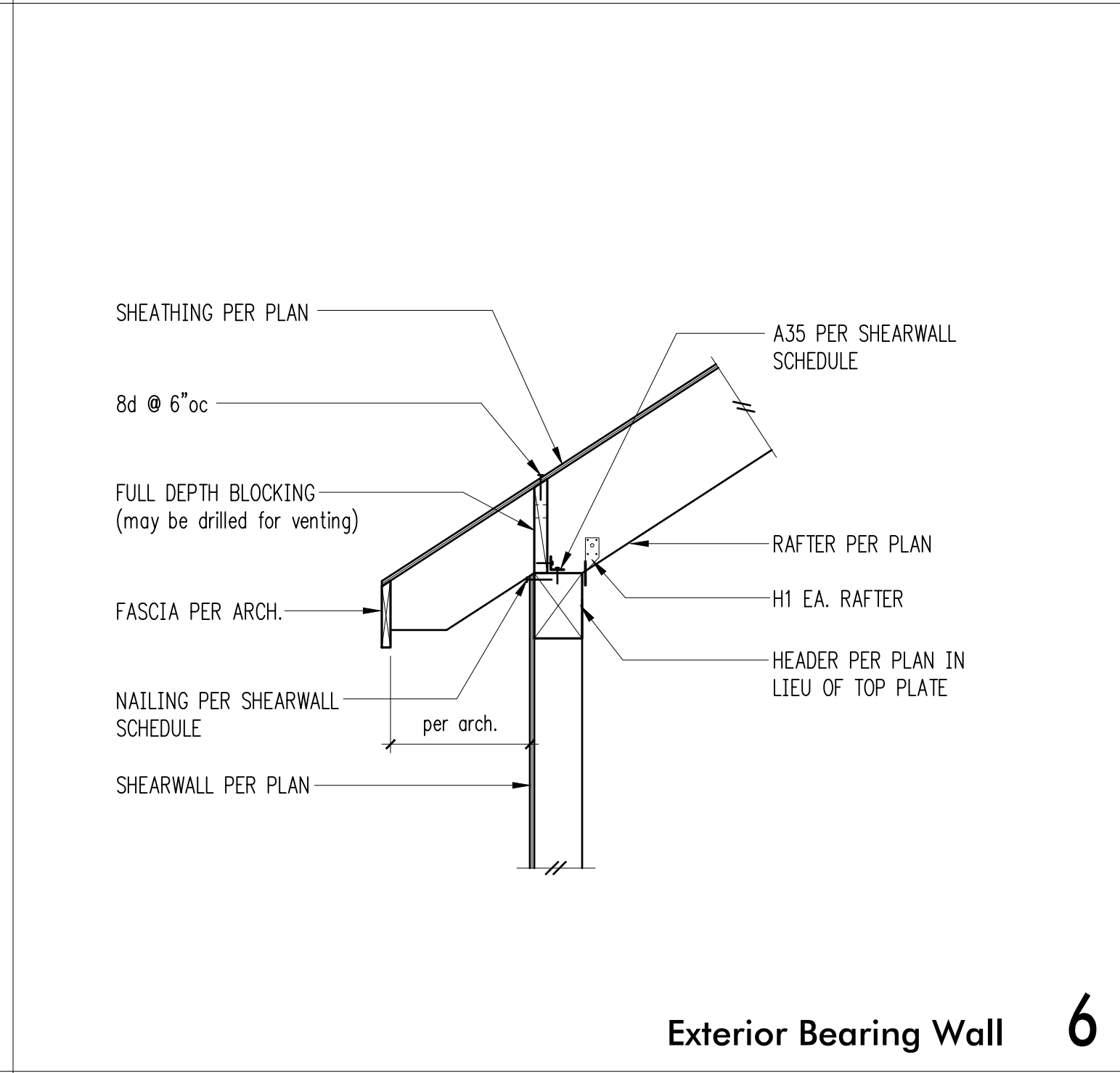
S4.2



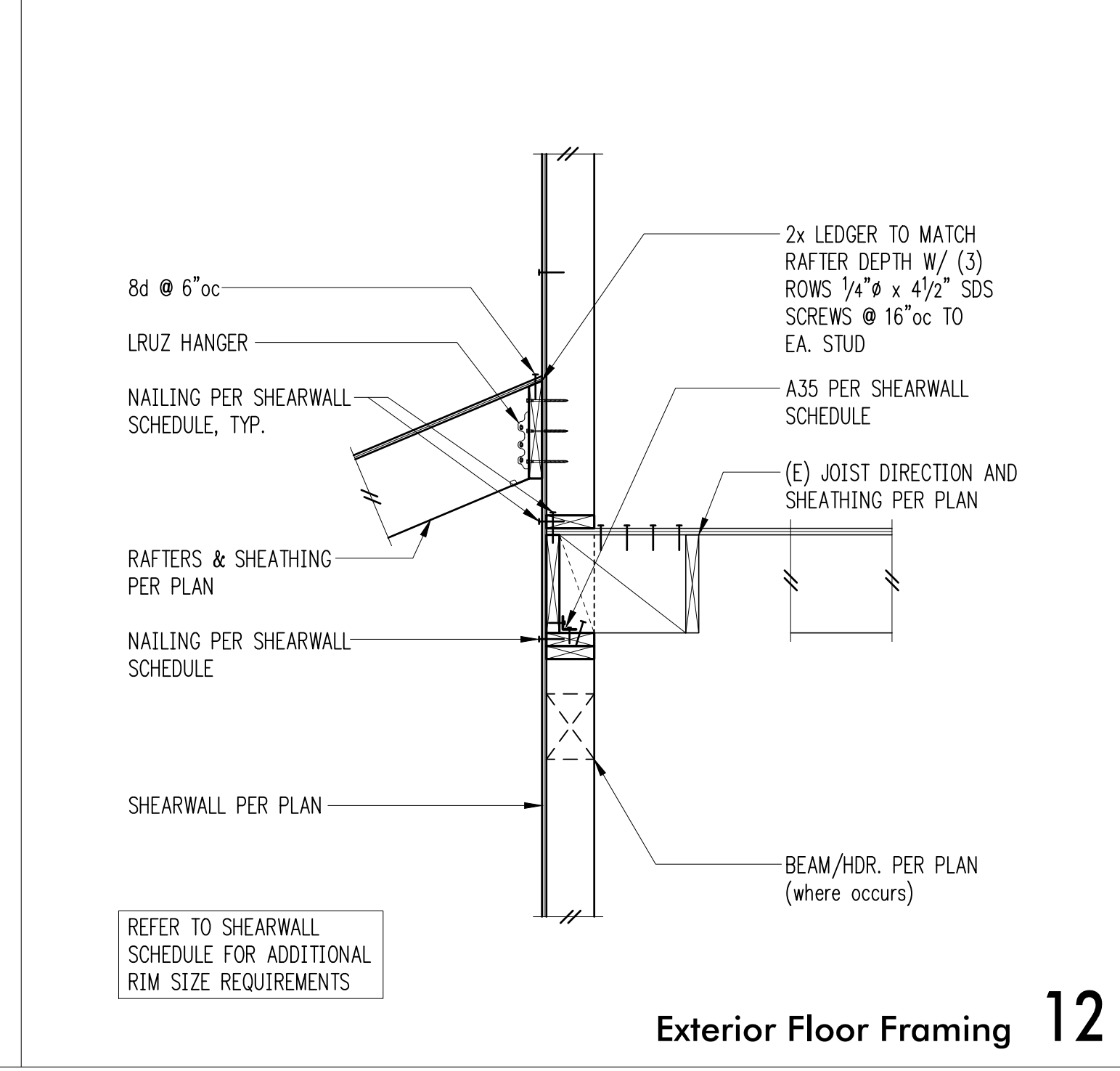
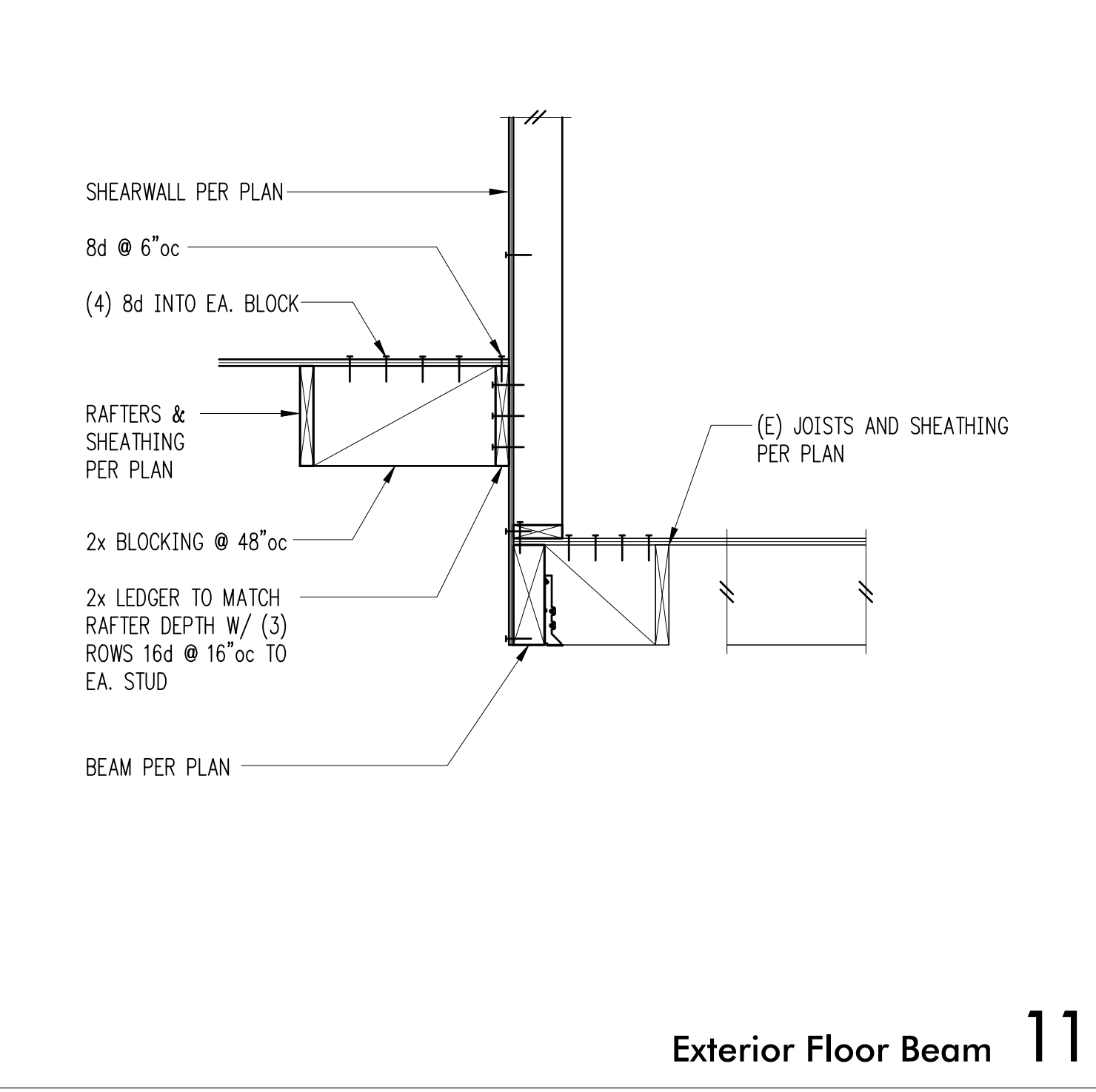
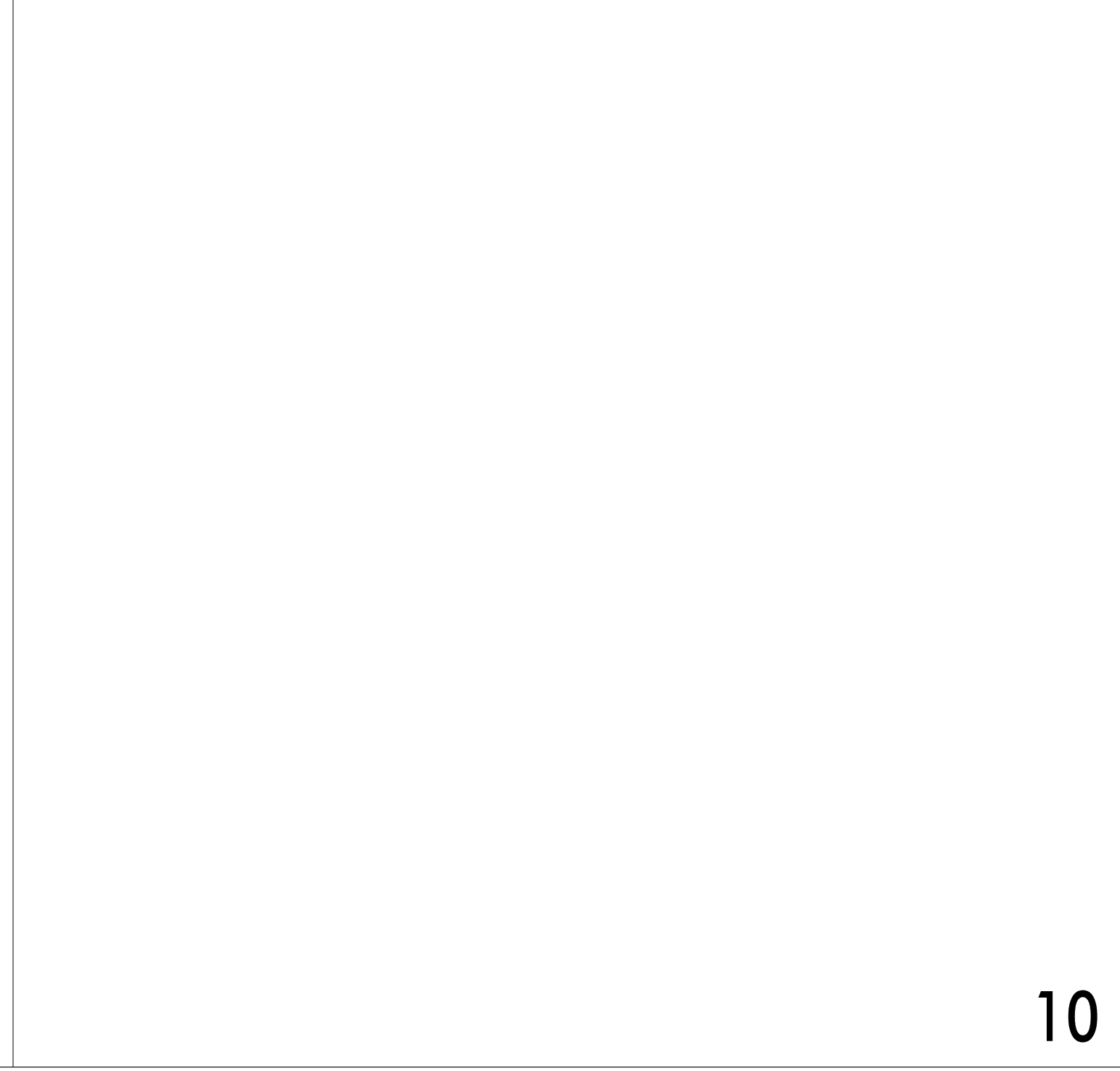
1



5



9



REFER TO SHEARWALL SCHEDULE FOR ADDITIONAL RIM SIZE REQUIREMENTS