ALEXANDER RESIDENCE -**RENOVATION & ADDITION**

PROJECT AND SITE DATA

OWNER: DEBORAH ALEXANDER

ADDRESS: 6010 E MERCER WAY MERCER ISLAND, WA 98040

PARCEL NUMBER: 192405-9206

LEGAL DESCRIPTION:

POR OF SE 1/4 BEG AT NXN OF LN 1300 FT N OF S LN OF SEC WITH ELY LN OF E MERCER WAY TH S 88-33-02 E 470 FT TH S 01-26-58 W 20 FT TC TO ELY LN OF SEC TH SLY TO PT 1200 FT N OF S LN OF SEC TH N 88-33-02 W TO PT S 01-26-58 W FR TPOB TH N 01-26-58 E 80 FT TO TPOB TGW SH LDS ADJ LOT SIZE:

18,318 SF (0.42 ACRES)

ZONING INFORMATION

ZONE TYPE: BASE ZONE: R15 BUILDING CODE: IRC 2018

GENERAL NOTES

1.	CONFORM TO ALL APPLICABLE CODES AND REGULATIONS	6.	
2.	VERIFY CONDITIONS BEFORE STARTING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.	7.	SEPARATE
3.	TAKE EVERY PRECAUTION TO SAFEGUARD PERSONS AND PROPERTY	8.	INSTRUCT DIMENSION
4.	STORE MATERIALS IN AREA APPROVED BY OWNER. REPAIR ALL DAMAGES CAUSED BY CONSTRUCTION IN THIS CONTRACT.	9.	CONCRETE VERIFY FI LAYING O
5.	REMOVE DEBRIS FROM THE BUILDING SITE AS IT ACCUMULATES TO PREVENT UNSAFE CONDITIONS.		INACCURA COMMENC
	PROTECT CONSTRUCTION FROM WEATHER AS WORK PROCEEDS.	10.	ALIGN WIN
	FRUCEUS.	11.	WRITTEN I
		1 ()	

VICINITY MAP



GENERAL G1 G2

ARCHITECTURAL AOa

AOb А1 A2

A3

CAL PLUMBING AND MECHANICAL WORK UNDER te permit.

COVER SHEET SITE PLAN AND GENERAL PROJECT NOTES SITE SURVEY SITE PLAN – EXISTING SITE PLAN – PROPOSED demo plan FLOOR PLAN, DOOR AND WINDOW SCHEDULES ROOF PLAN

AND APPLY MATERIALS PER MANUFACTURER'S IONS AND RECOMMENDATIONS.

INS ARE GIVEN TO FACE OF STUD, FACE OF TE AND TO ROUGH OPENING, UNO.

FIGURES SHOWN ON THE DRAWINGS BEFORE OUT THE WORK, REPORT ERRORS AND ACIES IN WRITING TO THE ARCHITECT BEFORE CING WORK.

NDOW AND DOOR HEADERS, UNO.

NOTES SUPERSEDE GRAPHIC DESCRIPTIONS.

12. WRITTEN DIMENSIONS SUPERSEDE SCALED DRAWINGS.

CONT	ACTS					
15037 SE RENTON, W P. 206.992 E. CDAVIDS	SON ARCHITECTS 171ST ST VA 98058 2.1853 SON@CODARCHITE	CT E 180 SEAT		ST, SUITE 8109 2 TENGINEERI	NG.COM	СССИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИСТИВИ СПОРТИВНИКИ СТИРИ СПОРТИВНИСИ СПОРТИВНИСИ СПОРТИВНИСИ СПОРТИВНИМИ СПОРТИВНИМИ СПОРТИВНИМИ СПОРТИВНИМИ СПОРТИВИ СТИ С СПОРТИВИ СПОРТИВИ СТИ С ПОРТИВИ СПОРТИВИ СТИ СПОРТИВИ СТИ С
EARTH SOL 15365 NE REDMOND, P. 425.449 E. SCOTTR CONTACT.	WA 98052 9.4704 @ESNW.COM	EST ENCO JITE 100 ENGIN 165 ISSAC P. 42 L, LG, LEG E. SM CONT)MPASS NEERING & NE JUNIPER QUAH, WA 25.392.025(R ST, SUITE 98027 D RENCOMPAS	201 Ses.net	ALEXANDER RESIDENCE RENOVATION & ADDITION 6010 E Mercer Island, WA 98040 OWNER: Deborah Alexander
A.4	EXTERIOR AND 1	NTERIOR ELEVATIO	NI S			CHRIS DAVIDSON STATE OF WASHINGTON
STRUCTURA S1.00 S2.00 S6.00	AL Structural pl.	an and notes Roof framing pl				PERMIT NUMBER PROJECT NUMBER 2022-4
	GROS	S FLOOR AREA CALO	CULATIONS			SUBMITTAL: DATE: permit submittal 9/27/22
FLOOR	SPECIAL FLOOR AREA	GFA MODIFIER	EXISTING	PROPOSED	TOTAL	
UPPER FLOOR MAIN FLOOR GROSS	LIVING/ DINING AREA	12'-16' CLG (150% MOD)	690 1890 900	0 254 0	690 2144 900	
BASEMENT AREA			420	0	420	
GARAGE		TOTAL	500 4400	0 254	500 4654	APPROVAL STAMP
		TOTAL	4400	۷۵4	4004	TITLE SHEET & GENERAL
		OWED GROSS FLO				INFORMATION
ZONE R-15	SITE AREA 18318	ALLOWABLE % 40%	ALLOWED GFA 7327	EXISTING GFA 4400	PROPOSED GFA 4654	
						G1

CONT	ACTS					
15037 SE RENTON, N P. 206.99 E. CDAVID CONTACT.	SON ARCHITECTS 171ST ST WA 98058 2.1853 SON@CODARCHITE CHRIS DAVIDSON	CT E 180 SEAT P. 20 CTS.COM E. CF N, AIA CONT	fact. cra	ST, SUITE 98109 2 Tengineeri	NG.COM	СССИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИКИ ПОРТИВНИКИ СПОРТИВНИКИ СПОРТИВНИСИ СПОРТИВНИСТИВИ СПОРТИВНИКИ СТИРИ СПОРТИВНИСИ СПОРТИВНИСИ СПОРТИВНИСИ СПОРТИВНИМИ СПОРТИВНИМИ СПОРТИВНИМИ СПОРТИВНИМИ СПОРТИВИ СПОРТИВИ СПОРТИВИ СПОРТИВИ СПОРТИВИ СПОРТИВИ СТИРИ СПОРТИВИ СТИРИ СПОРТИВИ СПОРТИВИ СТИРИ СПОРТИВИ СПОРТИВИ СТИРИ СПОРТИВИ СТИРИ СПОРТИВИ СПОРТИВИ СТИРИ СТИВИ СТИРИ СТИВИ СПОРТИВИ СТИ СТИРИ СТИВИ СПОРТИВИ СТИРИ
EARTH SO 15365 NE REDMOND, P. 425.44 E. SCOTTR CONTACT.	R@ESNW.COM	EST ENCO JITE 100 ENGIN 165 ISSAC P. 42 L, LG, LEG E. SN CONT)MPASS NEERING & NE JUNIPER QUAH, WA 25.392.025(R ST, SUITE 98027 D Encompas	201 Ses.net	ALEXANDER RESIDENCE RENOVATION & ADDITION 6010 E Mercer Vay, Mercer Island, WA 98040 CWNER: Deborah Alexander
						9072 REGISTERED ARCHITECT CHRIS DAVIDSON STATE OF WASHINGTON
A4	EXTERIOR AND I	NTERIOR ELEVATIO	NS			PERMIT NUMBER
STRUCTUR S1.00 S2.00 S6.00	STRUCTURAL PL	ROOF FRAMING PL	ANS			PROJECT NUMBER 2022-4 SUBMITTAL: DATE:
	GROS	S FLOOR AREA CAL	CULATIONS			PERMIT SUBMITTAL 9/27/22
FLOOR	SPECIAL FLOOR AREA	GFA MODIFIER	EXISTING	PROPOSED	TOTAL	
UPPER FLOOR MAIN FLOOR	LIVING/ DINING AREA	12'-16' CLG (150% MOD)	690 1890 900	0 254 0	690 2144 900	
GROSS BASEMENT AREA			420	0	420	
GARAGE		TOTAL	500 4400	0 254	500 4654	APPROVAL STAMP
	۸۱۱	OWED GROSS FLO	OR ARFA			TITLE SHEET & GENERAL INFORMATION
ZONE R-15	ALI SITE AREA 18318	ALLOWABLE % 40%	ALLOWED GFA 7327	EXISTING GFA 4400	PROPOSED GFA 4654	
						G1

SOILS AND SITE WORK PER 401.4 (site-specific geotechnical reports shall govern) A. Excavation cuts are to be no steeper than 1:1, horizontal to vertical.

- B. Fill to be free of debris, organic contaminants and rock fragments larger than 6 inches. Use free-draining sand or sand and gravel conditioned to appropriate moisture content for adequate compaction. Fill shall contain no more than 5% fines relative to the fraction passing the $\frac{3}{4}$ " sieve. For house, slab or pavement areas, compaction of fill to be at least 95% of the maximum dry density (MDD) per ASTM D-1557 testing procedures. Utility trench backfill in settlement-sensitive areas to be compacted at least 90% of the MDD, except for the top 2 feet which should be compacted to 95% of the MDD.
- C. Structural fill to be placed in loose layers of not more than 8" layers for heavy equipment, or 4" for lightweight compaction equipment. Fill should be conditioned to the proper moisture content for compaction. Compact each lift before placing subsequent layers.
- D. For footings supported on structural fill, the zone of structural fill should extend laterally out from the looting edges a distance at least equal to the thickness of the structural fill. Structural fill placed beneath footing should be compacted to at least 95% of the MDD in accordance with ASTM D-1557.
- E. All exterior and interior footings to be at least 18" and 12" respectively below the lowest finished adjacent grade.
- F. Crawl space per R408.
- FRAMING (Site-specific structural engineering shall govern)
- A. All materials and workmanship shall conform to the requirements of the drawings, notes, specifications, and all applicable codes and ordinances.
- B. All frame construction shall conform to minimum standards of IBC/IRC. Fastening requirements to be in accordance with IBC. See Structural Drawings Structural Notes, and specifications for any other notes that may relate specifically to grades and sizing of all framing member.
- C. Columns and posts located on concrete or masonry floors or decks exposed to the weather or to water splash or in basements and which support permanent structures shall be supported by concrete piers or metal pedestals projecting above floors unless approved wood of natural resistance to decay or treated wood is used. The pedestals shall project at least 6 inches above exposed earth and at least 1 inch above such floors.
- Per IBC: penetrations, soffits, drop & cove ceilings
 - Wood/Earth separation per R317
- D. Maintain all integrity of required 1 hour separations between different Occupancy Types. See Drawings and details for Required One and Two Hour Party Walls between units. Garage/Dwelling per R302.5 & 302.6
- E. Where installation includes manufactured products, comply with the manufacturer's applicable instructions and recommendations for installation. Verify rough-in dimensions for equipment and provide buck-outs, backing and jacks as required.
- F. All Guardrails per R312 to be 36" high minimum from finished floor line. Openings in railing assemblies are not to exceed 4" in one direction. Guardrails and handrails to withstand a 200 lb/sf concentrated load applied in any direction at any point along the top. Guardrail in-fill components (all those except the handrail), balusters and panel fillers shall be designed to withstand a horizontally applies normal load of 50 lbs on an area equal to 1 square foot. This load need not be assumed to act concurrently with any other live load requirement. Handrails to be between $1\frac{1}{2}$ " dia. and 2" dia. with clearance of $1\frac{1}{2}$ " between rail and wall surface. mount between 34" and 38" off stair nosing.
- DECKING: All wood exposed to weather, such as wood used for deck framing including decking, railings, joists, beams, and posts shall be pressure treated or of wood with natural resistance to decay.
- H. Unless noted otherwise, dimensions are to face of studs, face of foundation walls, centerline of columns, centerline of doors and windows. When exterior walls rare dimensioned as 6", they include $\frac{1}{2}$ " sheathing over 2x6 studs @ 16" oc.

DOORS AND WINDOWS

- B. See floor plans for sizes. Rating and required u-values shall be per plan and as set forth on this sheet. See schedules attached or in drawings. All exterior doors, windows and skylights shall be NFRC certified and shall meet SEC 402.4 for leakage.
- C. All Dwelling Units shall have dead-bolts that have thumb-turn to the inside.
- D. Electric Garage Door to be installed by Company familiar with Safety Requirements. E. All doors with required fire rating shall comply with provisions in this section, and shall be self closing and latching with no hold-opens. fire doors and dampers shall have an approved label or listing mark, identifying the fire-protection rating permanently affixed at the factory per IBC 715.3.3 All treated doors to have 3 hinges per leaf. When spring hinges
- are used for self-closing requirements, not less than half of the hinges are to be spring hinges.
- F. All glazing within 24" of a door, or within 18" from a floor surface to be tempered, including any glass shower or tub doors. Additionally, glazing within 5 feet of the bottom or top of stairways where the sill is less than 60" AFF shall be safety glazed. IRC R308.3 & 308.4 specifies other hazardous locations also requiring safety glazing.
- G. Egress windows from sleeping rooms and basements with habitable space w/o sleeping room to have a minimum net clear opening of 5.7 SF, minimum of 24" clear height, 20" minimum clear width, with maximum sill height of 44" above finished floor per IRC R310.
- H. SKYLIGHTS per R308.6
- DRYWALL FINISH ASSUME TYPE IV FINISH, TYP. A. Provide $\frac{1}{2}$ " gypsum wall board for non-rated assemblies and $\frac{5}{8}$ " type "x" gypsum wall board for 1-hour rated assemblies with all exposed joints and fastener heads smooth and flush with surface of board. joints taped and prepared for application of finish. use
- water-resistant board at all wet areas to 4'-0" AFF. B. "Recommended Specifications for the Application and Finishing of Gypsum Board," latest edition, as published by the Gypsum Association (also published as ANSI 97.1 and "Using Gypsum Board and Ceiling," latest edition).
- C. When gypsum board is used as a base for tile or wall panels for tub, shower or water closet compartment walls, water resistant gypsum backing board shall be used per IRC section R702.4.2.

MECHANICAL

- A. HVAC and Plumbing work shall be performed in a "Bidder-Design" manner. The Contractor shall submit such systems separately for permit.
- B. It is the Contractor's responsibility to design systems that meet all requirements and codes. Contractor shall submit drawings, pay for, and obtain permit and perform work in a manner that meets or exceeds the recognized workmanship standards for the industry. C. All drawings are to be submitted for review and approval to the Owner before performing
- work.
- D. Heating is electric or gas either piping of hydronic heat or forced air via duct and furnace, to be determined. All furnaces shall be listed and labeled by an approved agency and installed per listed specifications.
- E. IC Chapter 24 covers fuel gas applications F. Appliances intended for installation in closets, alcoves or confined spaces shall be sl listed per code, IMC.
- G. Appliances installed in garages or other areas where they may be subject to mechanical damage shall be suitable guarded against such damage by being installed behind protective barriers or by being elevated or located out of the normal path of vehicles.
- H. Equipment located in a garage and capable of igniting flammable vapors shall be installed with the pilots and burners or heating elements and switches at least 18 inches above the floor level.
- Appliances designed to be in a fixed position shall be securely fastened in place. Supports for appliances shall be designed and constructed to sustain vertical and horizontal loads within the stress limitations in the building code and IMC.
- Verify types, Manufacturer, and locations of all plumbing fixtures and faucets with Owner prior to purchasing and/or installing.
- K. Vent outlet for gas appliances shall be 3' minimum away from operable windows, and 10' minimum away from fresh air intakes per WSEC and IRC chapter 24

	All Clilliate Zolles (Table R402.1.1)	
	R-Value ^a	U-Factor ^a
Fenestration U-Factor ^b	n/a	0.30
Skylight U-Factor ^b	n/a	0.50
Glazed Fenestration SHGC b,e	n/a	n/a
Ceiling ^e	49 ^j	0.026
Wood Frame Wall ^{g,h}	21 int	0.056
Floor	30	0.029
Below Grade Wall ^{c,h}	10/15/21 int + TB	0.042
Slab ^{d,f} R-Value & Depth	10, 2 ft	n/a

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 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 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 climate zone 5 of ICC 400.

Int. (intermediate framing) denotes framing and insulation as described in Section A103.2.2 including standard framing 16 inches on center, 78% of the wall cavity insulated and headers insulated with a minimum of R-10

insulation.

A. Doors as selected by Owner, but must meet code, egress, hardware, requirements as per

WATER CONSERVATION NOTES

WA	ATER CONSERVATION NOTES	ELE	ECTRI
Α.	Bathroom lavatory faucets: max flow rate = 1 gal/min	Α.	Elect
В.	Kitchen faucets: max flow rate = 1.75 gal/min		subr
C.	Showerheads: max flow rate = 1.75 gal/min	В.	lt is t
			code
FIR	REPLACE NOTES (see IRC Chapter 10; Pre-fab metal per R1002, R1003, R1005)		manr
Α.	Gas fireplace shall be approved by the building official as applicable for safe use or	C.	All di
	comply with applicable nationally recognized standards as evidenced by the listing and		work
	labeling by an approved agency such as the EPA.		phon
В.	Instruction manuals for installation, operation repair and maintenance shall be left and	D.	Prop
	attached to the appliance by the installer.		recor
C.	Direct vent outlet for fireplace shall be 3' minimum away from operable windows, and 10'	E.	At lea
	minimum away from fresh air intakes per per WSEC.		
		ST/	AIRS
VE	NTILATION per SRC M1507	Α.	IRC I
Α.	Continuously operating whole house fan is proposed.		more
В.	Provide outdoor air inlet with 4 sq. in. min net free area for each habitable space.	В.	LAN
			exce
	DOOR AIR QUALITY NOTES		The
Α.	Range exhaust & dryers: Domestic kitchen range ventilation and domestic clothes dryers		in the
	shall be of metal and have smooth interior surfaces. Ducts shall be substantially airtight	C.	HAN
	and shall comply with the provisions of Chapter 6 UMC. Exhaust ducts shall terminate		wher
	outside the building and be equipped with back-draft dampers.		termi
В.	Moisture exhaust ducts for clothes dryers shall terminate on the outside of the building and		volut
	shall be equipped with a back-draft damper. Screens shall NOT be installed at the duct		equiv
	termination. Ducts for exhausting clothes dryers shall NOT be connected or installed with		
	sheet metal screws or other fasteners which will obstruct the flow.		
C.	Unless otherwise permitted or required by the dryer manufacturer's installation instructions	Α.	Provi
	and approved by the building official, dryer exhaust ducts shall not exceed a total		with
	combined horizontal and vertical length of 14 feet including two 90-degree elbows. Two	~~~	
	feet shall be deducted for each 90-degree elbow in excess of two.		UND T
SM	IOKE ALARM / DETECTORS PER IRC R314	Α.	
Α.	Smoke alarms shall be installed in the following locations:		• A
	1. Each sleeping room		• A
	Outside each separate sleeping area in the immediate vicinity of the bedrooms		(1
	On each additional habitable story of the dwelling, including basements	В.	Fire-I
В.	When more than one smoke alarm is required to be installed within an individual dwelling	D.	File-i
	unit the alarm devices shall be interconnected in such a manner that the actuation of one	MIN	NIMUM
	alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible		• C
	in all bedroom over background noise levels with all intervening doors closed. All smoke		1
	alarms shall be listed and installed in accordance with the provisions of IRC and the		• IR
	household fire warning equipment provisions of NFPA 72. Primary power to come from		ea
-	building wiring per IRC R314 from commercial source with battery back-up.		sir
C.	Provide an approved carbon monoxide alarm on each level of the dwelling per R315.		011
		CE	ILING
	RE-RESISTIVE REQUIREMENTS	A.	Habit
Α.	CONSTRUCTION PER R302		base
	 Interior & exterior bearing walls, & non-bearing walls to be type V_B construction as 		FINIS
	required	В.	SLO
	 Floors & floor/ceilings to be type VB construction 		perm
	Roofs & roofs/ceilings to be type VB construction		minin
NO	DTE: All garage interior walls, ceilings, structural support systems exposed therein, and voids		need
P	under stairs shall be 1-hour construction per plans and details.		
В.	TYPES OF CONSTRUCTION: Standards of Quality - Construction materials shall be labeled appropriately, as required by the local municipality, showing that they comply with		
	labeled appropriately, as required by the local municipality, showing that they comply with		
	local code standards for such materials as building paper, decking material, foam plastics, wall and roofing materials		
C.	wall and roofing materials. FIRE RESISTIVE MATERIALS & SYSTEMS: Fire resistance ratings of walls, floors, roof		
<u>U</u> .	TITLE TEORETIVE MATERIALO & OTOTEMO. FILE LESISIANCE LAULIUS OF WAIIS, 10015, 1001		

- C. FIRE RESISTIVE MATERIALS & SYSTEMS: Fire resistance ratings of walls, floors, roof assemblies shall meet criteria set forth in IBC or based on submitted information showing equivalent fire resistive rating.
- D. FIRE BLOCKING AND DRAFTSTOP per R302.11, R302.12, 502.12 and R602.8
- E. PROTECTION OF STRUCTURAL MEMBERS: Thickness of protection over structural members shall be as per IBC. See wall types and sections in these drawings for specifics. COLUMN JACKETING: Where fire resistive covering on columns is exposed to injury from
- moving vehicles or other means, contractor shall protect area from damage and deterioration.

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
- hed floor area Dwelling units exce
- 4. Additions less than 500 square feet: 1.5 credits

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

	Summary of Ta	ble R406.2		
Heating Options	Fuel Normalization Descriptions	Credits - s heating		User Notes
1	Combustion heating minimum NAECA ^b	0.0	0	
2	Heat pump ^c	1.0	۲	
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 - s energy optic categ	on from each	
1.1	Efficient Building Envelope	0.5	0	
1.2	Efficient Building Envelope	1.0	0	
1.3	Efficient Building Envelope	0.5	۲	Floor insulation to R-38
	Total Credits		1.5 CL	EAR FORM

- 3. Large Dwelling Unit
- All other additions shall meet 1-3 above

t: 7 credits	
eding 5,000	sf of condition
500 square	feet: 1.5 credi

ELECTRICAL

ctrical work shall be performed in a "Bidder-Design" manner. The contractor shall mit such systems separately for permit.

the Contractor's responsibility to design systems that meet all requirements and les. contractor shall submit drawings, pay for, and obtain permit and perform work in a nner that meets or exceeds the recognized workmanship standards for the industry. drawings are to be submitted for review and approval to the Owner before performing rk. Specific attention is to be paid regarding Owner-requested locations of electrical, one and computer cabling port locations.

per protection shall be provided around recessed light fixtures per manufacturer's ommendations so that overheating will not occur. Recessed light fixtures to be IC rated. east 75% of permanent lighting fixtures to be high efficacy lamps - WSEC R404

R311.7, min 36" wide, max riser = $7\frac{3}{4}$ ", min tread = 10". Hand rails shall not project re than $4\frac{1}{2}$ " into the 36" clear pathway on either side.

NDINGS: There shall be a floor of landing at the top and bottom of each stairway ept a door swinging except a door swinging away from the stairs is ok for interior stairs. width of each landing shall not be less then the width of the stairway served, min 36" he direction of travel. Max 2% slope.

NDRAILS: 34" to 38", min $1\frac{1}{2}$ " clear from wall, continuous from full-length of flight ere risers are. Handrail ends shall be returned or terminate in newel posts or safety ninals. Newel posts can interrupt handrails at turns. The lowest tread may have a ute, turnout or newel. Handrails shall be of the two type listed in IRC 311.7 or provide uivalent graspability.

ITY per Seattle Residential Code Section R329

vide building entrance locks and observation ports at approx. 60" AFF in accordance this section.

TRANSMISSION CONTROL per Seattle Residential Code section R330

- semblies separating dwelling units shall provide: At walls: airborne sound insulation at STC 45 per, ASTM E 90.
- At floor-ceiling airborne and impact sound insulation at an "Impact Insulation Class" (IIC) or min. 50 per ASTM E 492.

e-resistive integrity shall be maintained.

M AREAS FOR HABITABLE ROOMS per R304:

- Common room: 120 SF; Cooking + Living or Living + Sleeping:
- 150 SF; Kitchens are exempt from minimum area and dimensions.
- IRC DEFINITION OF HABITABLE SPACE: A space in a building for living, sleeping, eating or cooking. Bathrooms, toilet rooms, closets, halls, storage or utility spaces and similar areas are not considered habitable spaces.

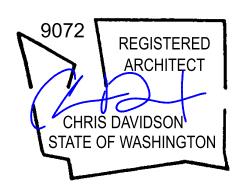
HEIGHT per IRC R305

bitable spaces/rooms, hallways, corridors, bathroom, toilet rooms, laundry rooms and sements shall have a ceiling height not less than 7 feet measured from FINISH floor to IISH ceiling. Beams at least 4 feet on center can project into space 6 inches. OPED CEILINGS: Not more than 50% of the REQUIRED floor area of a room/space is mitted to have a sloped ceiling less than 7 feet or a portion less than 5 feet, (i.e. imum REQUIRED bedroom is 70 SF per R304.3, so at least 35 SF of a bedroom eds to have ceiling heights over 7 feet and the other 35 SF over 5 feet.



15037 SE 171st St Renton, WA 98058 206.992.1853 tel

> **SIDENCE** ADDITION Ш ల M ER I AND VAT cer Way, 20



PERMIT NUMBER

PROJECT NUMBER

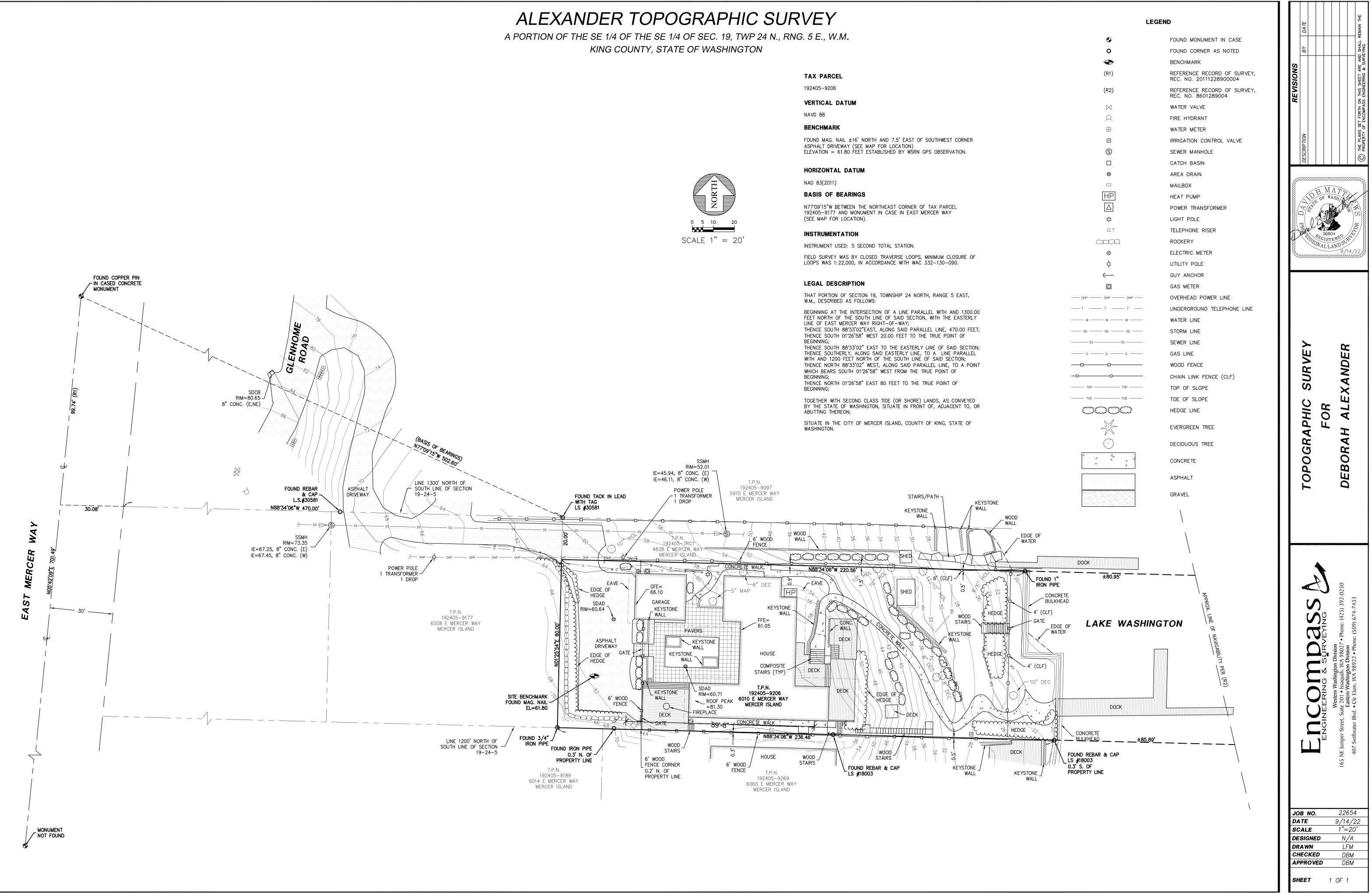
2022-4

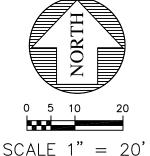
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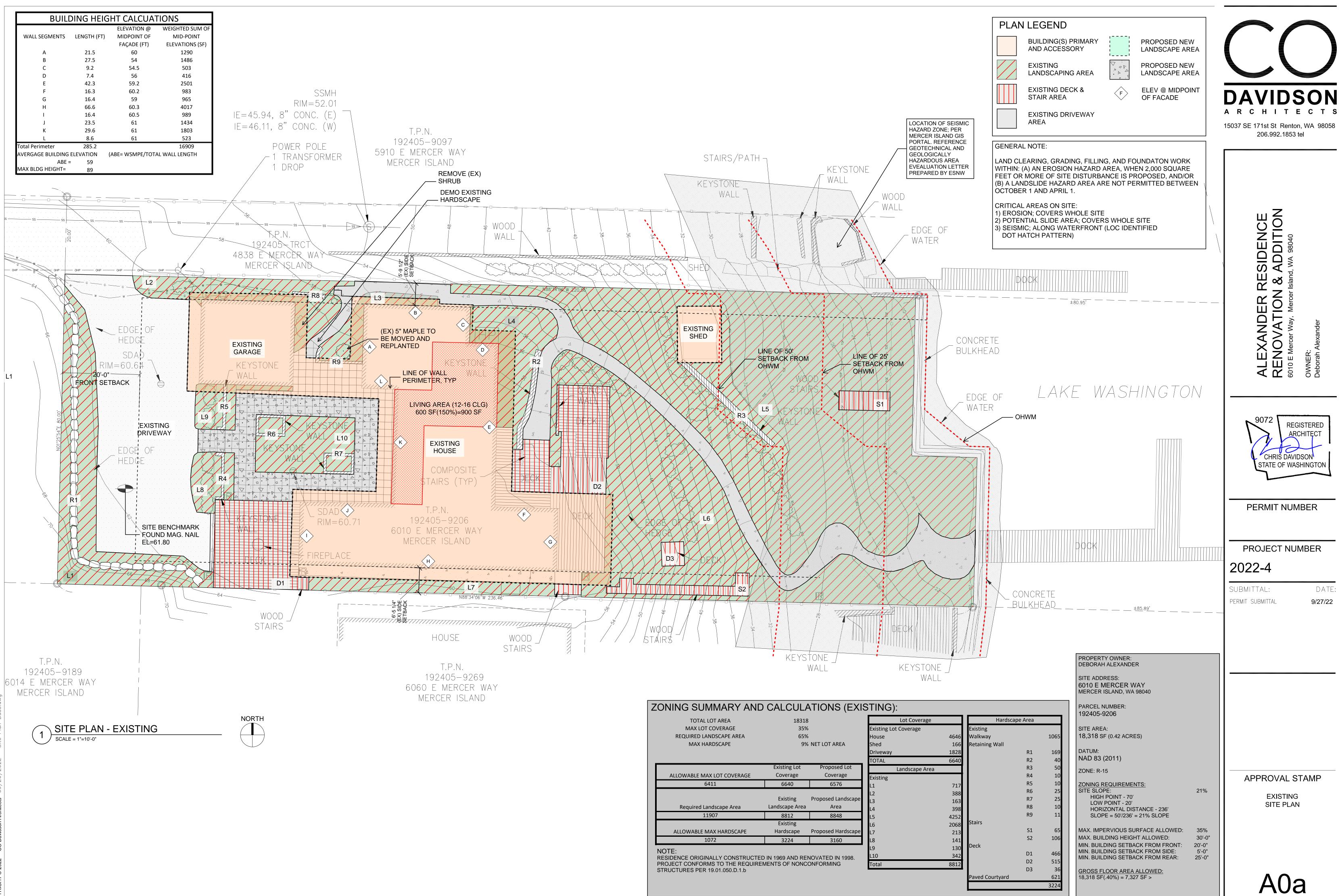
DATE: 9/27/22

APPROVAL STAMP

GENERAL PROJECT NOTES

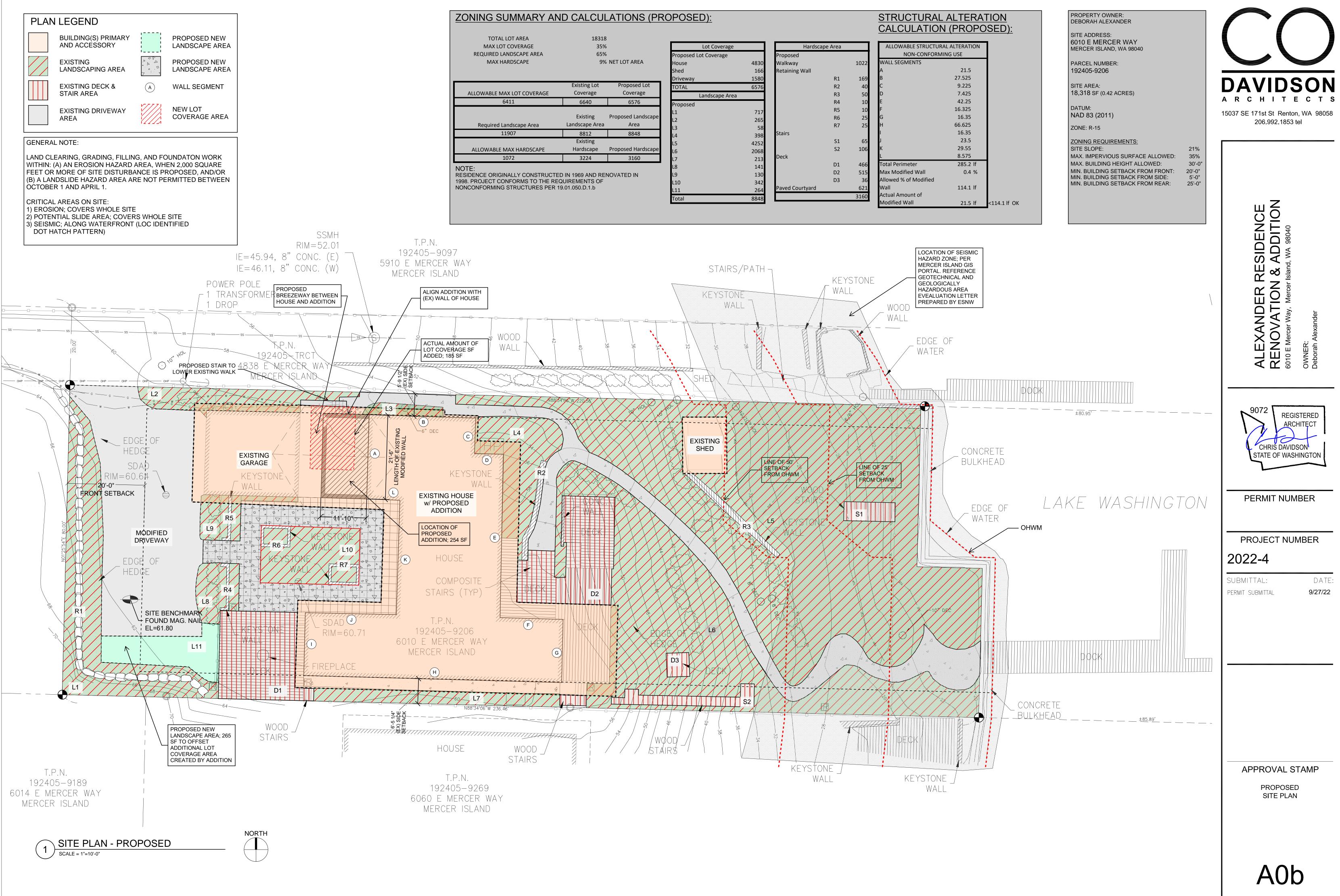


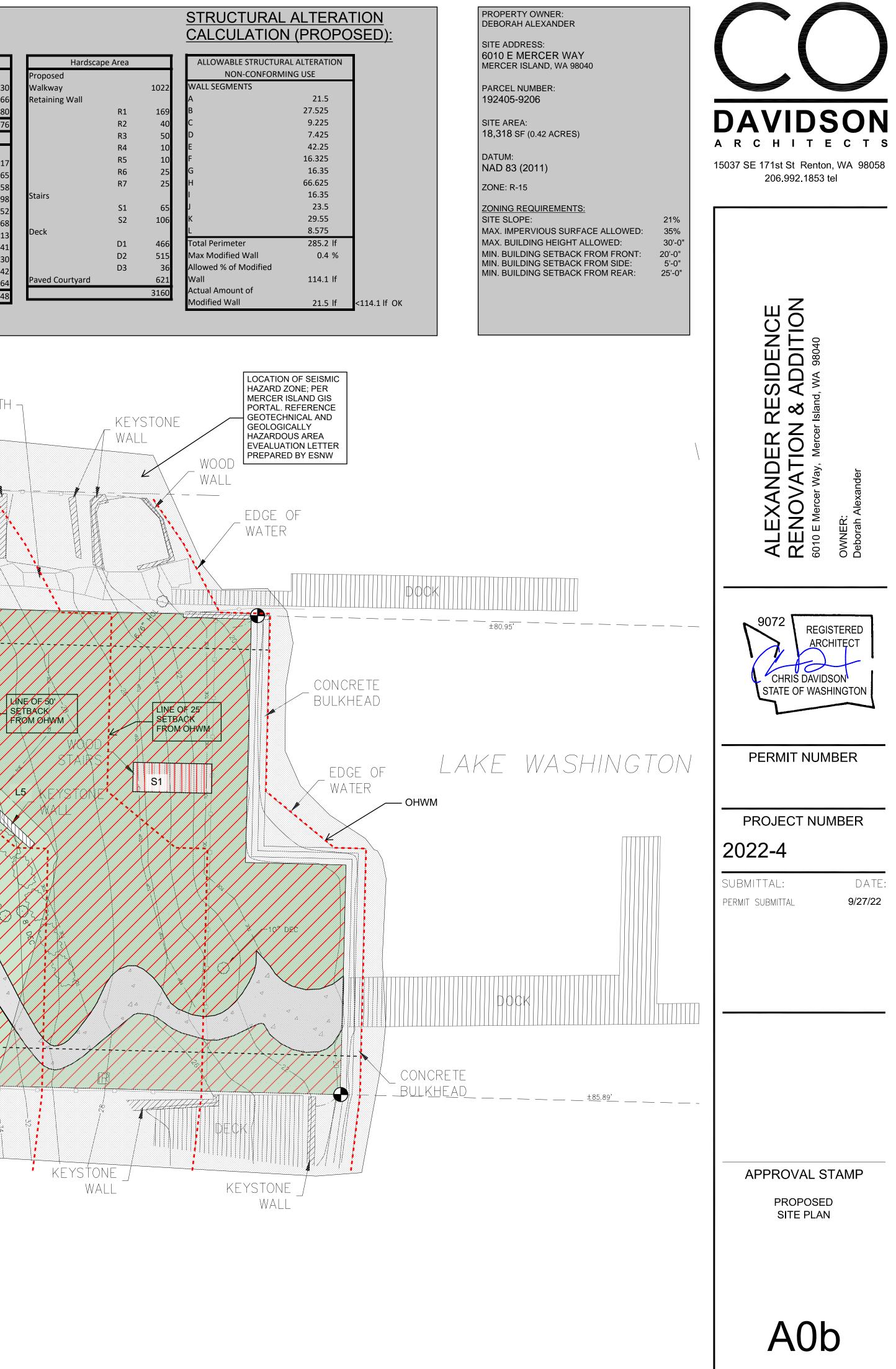




GHT © 2022 CO Davidson Architects 09/26/2022 Site Plan Base

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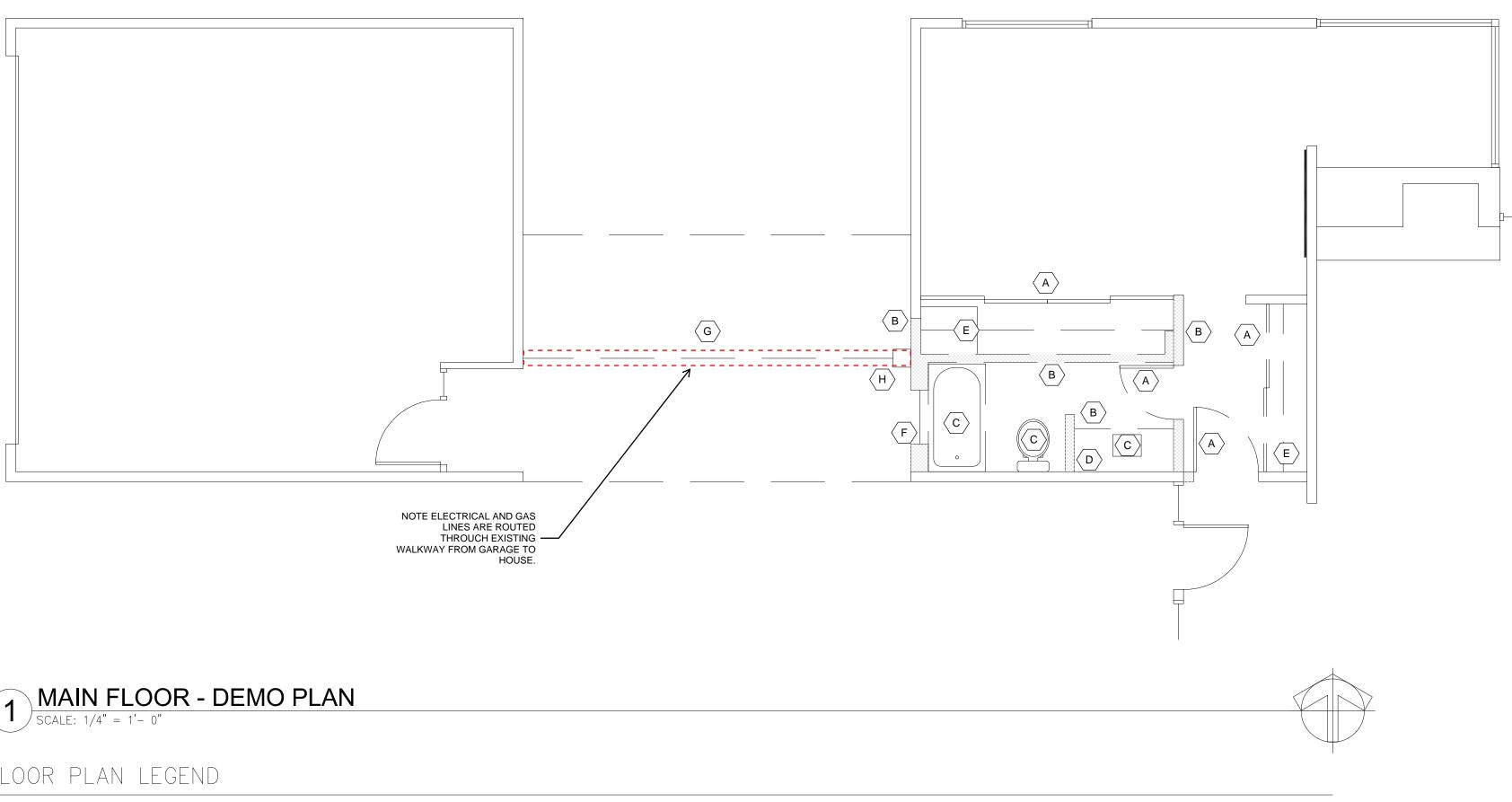




DEMOLITION NOTES:

 $\langle A \rangle$ DEMOLISH ALL DASHED DOORS, TYP.

- $\langle {}^{\rm B} \rangle$ demolish all dashed and hatched WALLS, TYP.
- $\langle c \rangle$ DEMOLISH PLUMBING FIXTURES
- DEMOLISH CASEWORK
- $\langle E \rangle$ DEMOLISH CLOSET PACKAGES
- (F) DEMOLISH EXISTING WINDOW
- $\langle {\tt G} \rangle$ DEMOLISH EXTERIOR COVERED WALKWAY.
- H RELOCATE EXISTING DRAIN

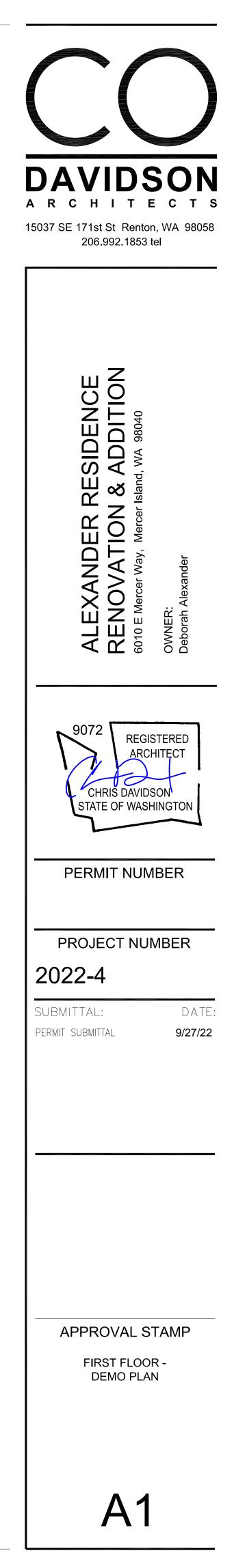


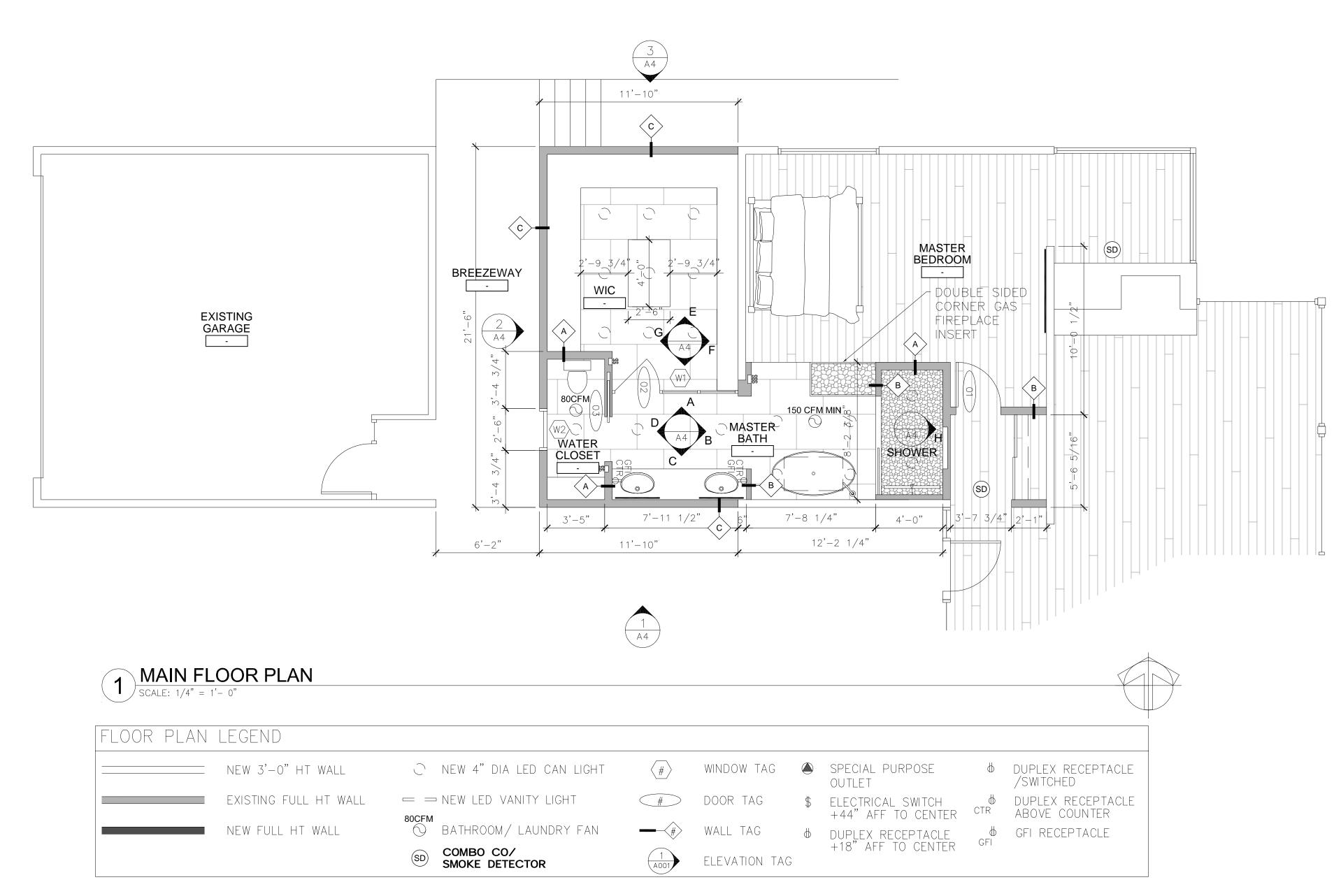


FLOOR PLAN LEGEND

WALL TO BE DEMOLISHED

EXISTING FULL HT WALL



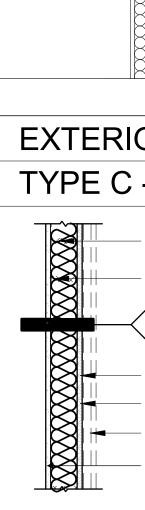


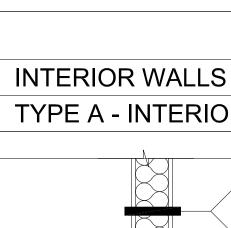
						DOOR						FF	RAME					
opening		tupo	mati	0.00		nominal size	e	special	threshold	+	matl		sections		hdware	remarks	area (sf)	
number	manufacturer	lipe	matl	CON	leaf width	height	thickness	detail	detail	lipe	matl	head	jamb	special	- group			value
01	SIMPSON	S	WD	WD	2'-8"	6'-10"	1 1/2"			S	WD					PRIVACY SET		
02	SLIDING DOOR C	0 W1	ST	ST	2'-8"	7'-9"	2"			BD	MT					MFR PROVIDED HDW, FV		
03	SIMPSON	PD	WD	WD	2'-8"	6'-10"	1 1/2"			S	WD					PRIVACY SET		



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PD





- WORK.

- CAULK ALL JOINTS

WALL CONSTRUCTION GENERAL NOTES

A. PROVIDE 6" HIGH WOOD BLOCKING OR METAL STRAP AT WALL HUNG ACCESSORY LOCATIONS INCLUDING, BUT NOT LIMITED TO MARKER BOARDS, TACKBOARD, CASEWORK, ETC. VERIFY WITH ARCHITECT IF ANY . CLARIFICATION IS REQUIRED. PROVIDE FIRE RETARDENT TREATED WOOD IN RATED WALL AREA.

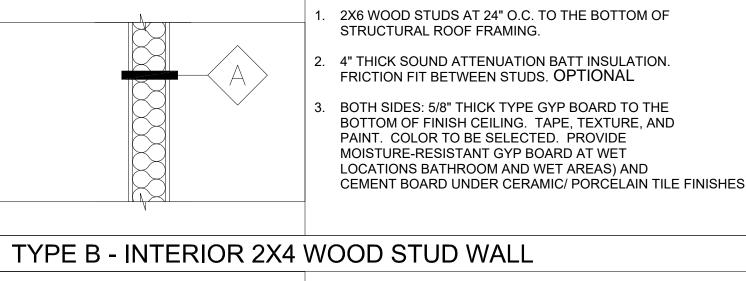
B. ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD AND FROM FACE OF STUD TO EXISTING WALL FINISH WHERE DIMENSIONS TAKEN FROM EXISTING WALL TO REMAIN. CONTACT ARCHITECT WITH ANY DISCREPANCIES IN DIMENSION PRIOR TO COMMENCEMENT OF CONSTRUCTION. GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEW OF EXISTING CONDITIONS AND LAYOUT OF NEW CONSTRUCTION PRIOR TO STARTING

C. PROVIDE 5/8" THICK CEMENT BOARD AT ALL WALLS WHERE TILE INSTALLATION IS REQUIRED IN LIEU OF GYP D. SCRIBE GYPSUM BOARD TIGHT TO THE BOTTOM OF DECK AND SPECIFICALLY WHEN PERPENDICULAR TO DECK.

E. ALL NEW WALLS TO BE WALL TYPE $\langle B \rangle$, UNLESS NOTED OTHERWISE. F. (EX) WALLS TO REMAIN MAY REQUIRE PATCHING AND REPAIR.

WALL TYPES

TYPE A - INTERIOR 2X6 WOOD STUD WALL



2X4 WOOD STUDS AT 24" O.C. TO THE BOTTOM OF STRUCTURAL ROOF FRAMING.

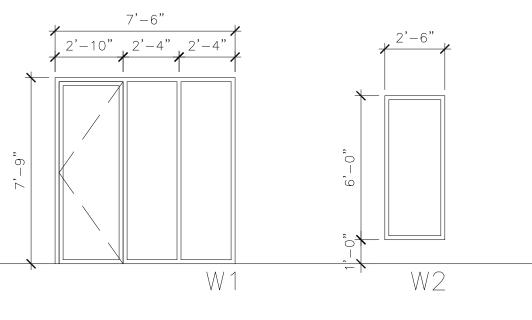
- 4" THICK SOUND ATTENUATION BATT INSULATION. FRICTION FIT BETWEEN STUDS. OPTIONAL BOTH SIDES: 5/8" THICK TYPE GYP BOARD TO THE BOTTOM OF FINISH CEILING. TAPE, TEXTURE, AND PAINT. COLOR TO BE SELECTED. PROVIDE MOISTURE-RESISTANT GYP BOARD AT WET
- LOCATIONS BATHROOM AND WET AREAS) AND CEMENT BOARD UNDER CERAMIC/ PORCELAIN TILE FINISHES

EXTERIOR WALLS

- **TYPE C EXTERIOR 2X6 WOOD STUD WALL**
- 1. 2X6 WOOD STUDS AT 24" O.C. TO THE BOTTOM OF ROOF DECK.
 - 2. R-21 BATT INSULATION

INTERIOR SIDES: 5/8" THICK TYPE GYP BOARD TO THE BOTTOM OF FINISH CEILING. PROVIDE MOISTURE RESISTANT GYP BOARD AT WET LOCATIONS (RESTROOMS, KITCHENS, AND OTHER WET AREAS) AND CEMENT BOARD UNDER CERAMIC / PORCELAIN TILE FINISHES.

- 4. EXTERIOR PLY SHEATHING WITH WRB / AB MEMBRANE
- 5. NEW SIDING TO MATCH EXISTING, PAINT TO MATCH
- 6. 5/8" GYP WALL BOARD





15037 SE 171st St Renton, WA 98058 206.992.1853 tel



PERMIT NUMBER

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APPROVAL STAMP

FLOOR PLAN AND DOOR & WINDOW SCHEDULES



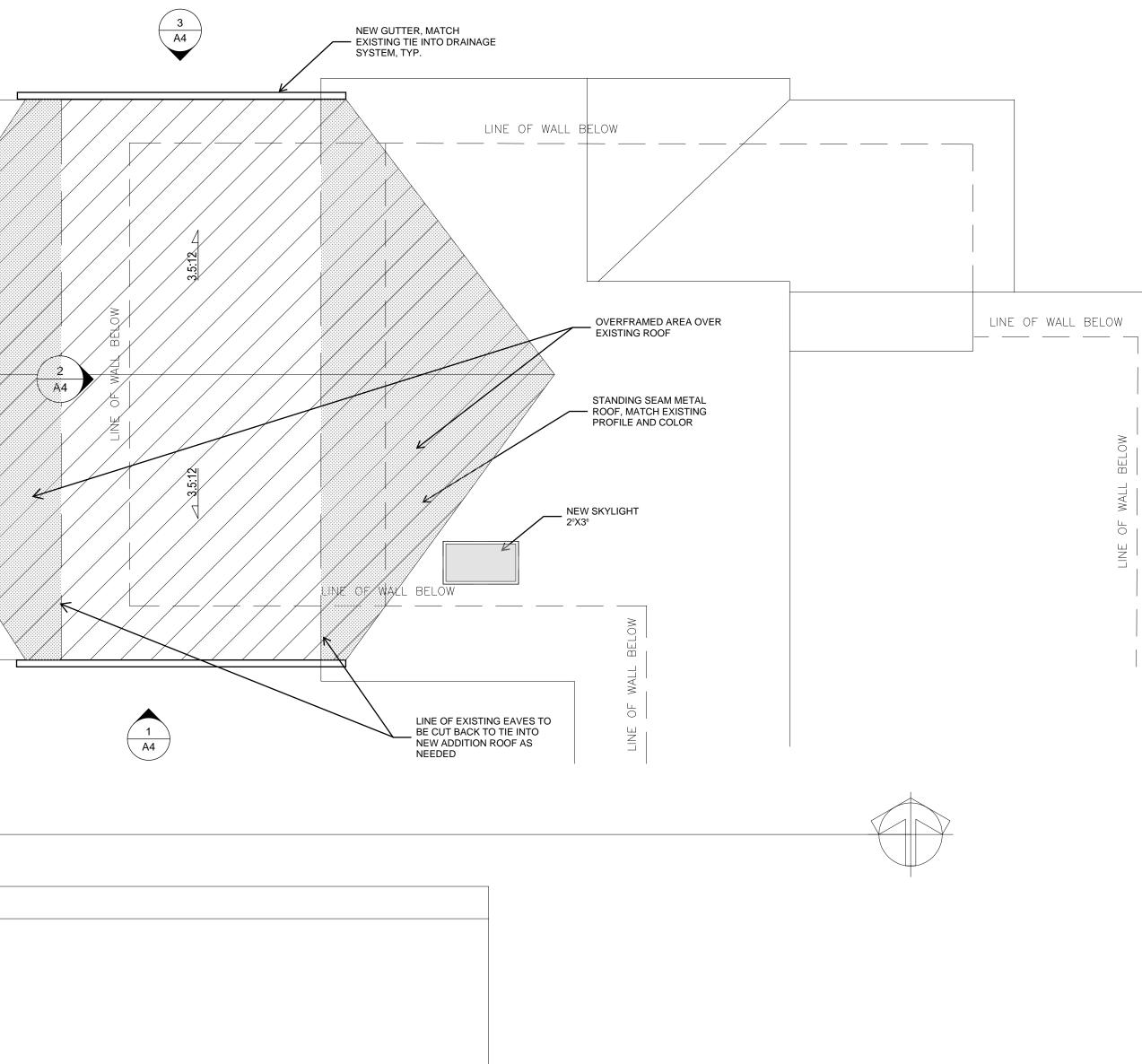
ROOF PL	_AN LEGEND	
	AREA OF NEW ROOF	

LINE OF WALL BELOW

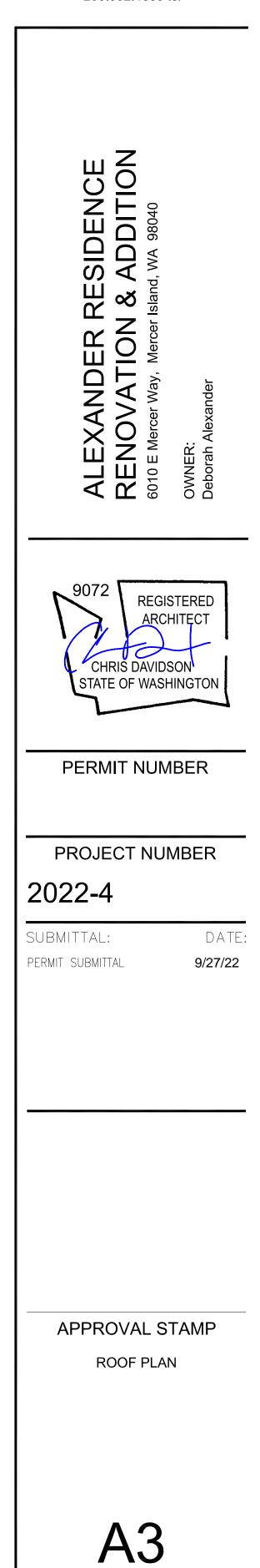
1 ROOF PLAN SCALE: 1/4" = 1'- 0"

LINE OF WALL BELOW

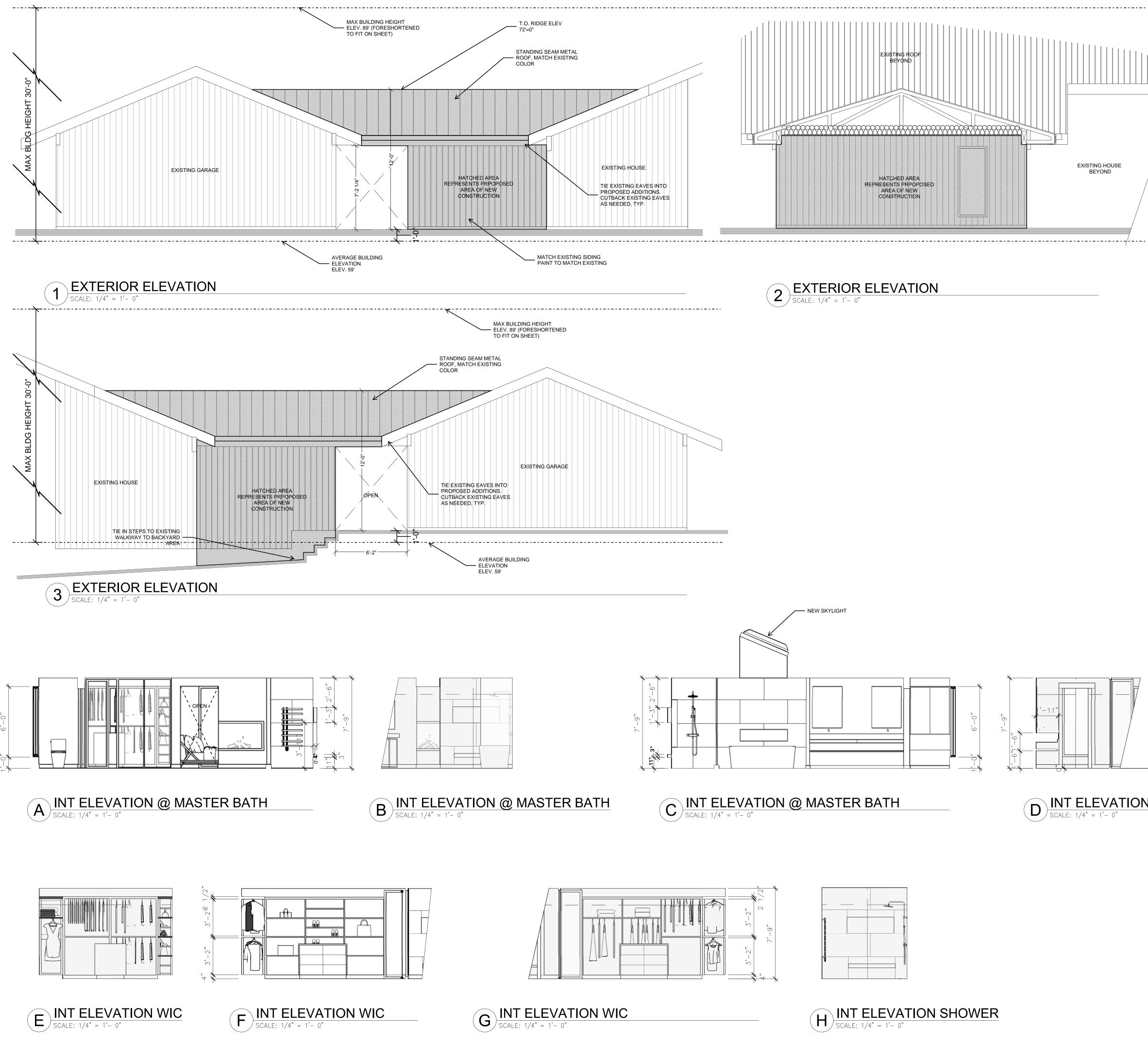
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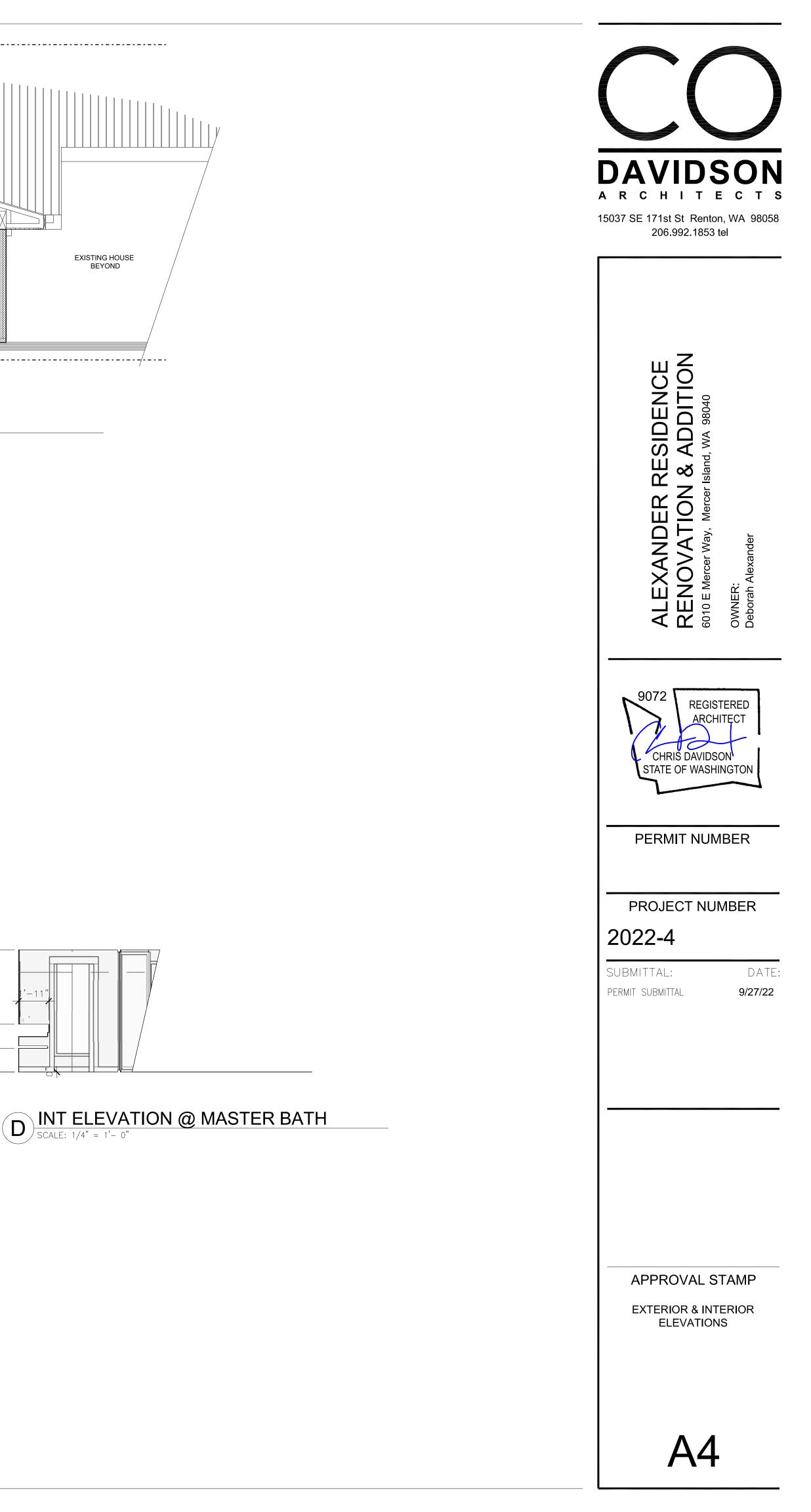












			STF	RUCT	T U R A L	ΝΟ) T E S													
01000: GENERAL REQUIREMENTS THE STRUCTURAL NOTES SUPPLEMENT DISCREPANCY FOUND BETWEEN THE DR. CONDITIONS, AND ARCHITECTURAL PL. WHO SHALL CORRECT THE DISCREPANC AFTER DISCOVERY OF THE DISCREPANC RISK. REFER TO ARCHITECTURAL PL. TREATMENTS, AND DIMENSIONS NOT SI DUCTS AND PIPES ETC. NOT SHOWN. THE CONTRACTOR SHALL PROVIDE BRAY TEMPORARY CONSTRUCTION LOADS AND DURING ERECTION. BACKFILL BEHIN WALLS ARE PROPERLY SUPPORTED. THE CONTRACTOR SHALL BE RESPONSIBLE SHORING, AND OTHER WORK WITH ALL CALL THE UTILITY LOCATE SERVICE IN 01100: CODE REQUIREMENTS ALL DESIGN AND CONSTRUCTION SHALL BUILDING CODE AS ADOPTED BY THE 01200: DESIGN LOADS FLOORS (DECK) 40 PS ROOF (SNOW) 25 PS SNOW LOAD DESIGN DATA: PG = 20 PSF, Pf = 20 PSF, CE WIND DESIGN DATA: BASIC WIND SPEED: WIND IMPORTANCE FACTOR: WIND EXPOSURE: TOPOGRAPHIC (KZ) ANALYSIS PROCEDURE: EARTHQUAKE DESIGN DATA: SEISMIC IMPORTANCE FACTOR: WIND EXPOSURE: TOPOGRAPHIC (KZ) ANALYSIS PROCEDURE: EARTHQUAKE DESIGN DATA: SEISMIC IMPORTANCE FACTOR: WIND EXPOSURE: TOPOGRAPHIC (KZ) ANALYSIS PROCEDURE: EARTHQUAKE DESIGN DATA: SEISMIC IMPORTANCE FACTOR: SPECTRAL RESPONSE ACCELERATI SITE CLASS: SPECTRAL RESPONSE COEFFICIEN	RAWINGS, LANS SHAL CY IN WRI NCY SHALL LANS FOR SHOWN. C ACING AND D FOR STR ND WALLS IBLE FOR FOR THE L UTILITI PRIOR TC LL CONFOR CITY OF PSF PSF Ce = 0.9, 1 I E SF Ce = 0.9, 1 I I I I I I I I I I I I I I I I I I	IS AND SPI NOTES, S L BE REP TING. A BE DONE OPENINGS CONSULT M OSUPPORT SHALL NO COORDINA COORDINA ES AND A O ANY WOR M TO THE MERCER I IS = 1.0 00 MPH (W = 1.0 XPOSURE E .00 SCE 7-16 e = 1.0	ECIFICATION PECIFICATION ORTED TO NY WORK C AT THE C AT THE C ARCHITE ECHANICAL REQUIRED COMPONENT T BE PLAC TION OF A TION OF A TION OF A DJACENT P K AT 1-80 2018 INT SLAND. 0, Ct = 1 3-SECOND C B 6 S1 5 D	ONS. ANY IONS, SITE THE ARCHITE OMPLETED ONTRACTOR'S CTURAL PLANS FOR FOR S AS REQUIN ED UNTIL TH LL WORK. THE EXCAVATI ROPERTIES. 0-424-5555. ERNATIONAL	ECT 31 S FC FC FC FC FC FC FC FC FC FC FC FC FC F	002 REINF INFORCIN 8. REINF 61) FOR # 07 #4 BAR 07 INGS S 07 IDED. CONCRE FORMED INFORCIN ACE PRIC NT EXCEP 3162: ADH L ADHESI VALUATION E AS DESI 1. EXPANS 0HESIVE A REAPPROVE SIMPS BOLT 0071: PRE IALL BE P IALL BE P IALL BE P IALL BE P IALL BE P IALL BE D IALL BE D	ORCING STEEL G STEEL DETAI ORCING STEEL 3 BARS ONLY A S AND LARGER HALL BE CONTI COVER REQUIF TE CAST AGAIN ALL BAR S SURFACE EXPO #5 AND S G STEEL SHALL R TO CONCRETE T AS NOTED IN IESIVE ANCHORS SIN VE ANCHORS SIN GNATED ON THI GION BOLTS SHA NCHORS IN COU D EQUAL; ON SET-XP (10)	SHALL BE A AND ASTM A- AND ASTM A- REINFORC INUOUS AROU REMENTS SHA ST EARTH SIZES SED TO EAR SMALLER BE ACCURA FPLACEMENTS IN CONCR HALL BE IC IREMENTS. E DRAWINGS ALL BE INS NCRETE SHA CC ESR-2508 MINI #4 REBAR #5 REBAR #5 REBAR EATED WOOD WEATHER OR IREATED U.I WOOD PRESENT ATIVE TREA BOLTS, PLA E CORROSION	ASTM A-615 -615 DEFORI ING STEEL A UND CORNER ALL BE AS I ALL BE AS I ALL BE AS I ATELY PLACI T. REINFOR GN DRAWING ETE C APPROVED BOLT SPACI TYPICAL, TALLED WIT LL BE THE B) MUM EFFECT 4" 10" PRODUCTS IN CONTAC N.O. PER PI RVERS' ASSI TMENT BY PI TES, HANGEI N RESISTAN	DEFORME MED BARS AT ALL N S ELSE (FOLLOWS 3" THER 1 1/2" ED AND / CING STE S. AND IN: NG AND I UNLESS I H CONTIL FOLLOWII FOLLOWII TIVE EMB T WITH (LAN. PF OCIATION RESSURE RS, ETC. T G-185	ED BARS GRA S GRADE 60 WALLS, SLAE CORNER BARS UNLESS NOT ADEQUATELY EEL SHALL M ISTALLED PEI EMBEDMENTS NOTED OTHEI NUOUS INSPI NG TYPES OF BEDMENT U.N CONCRETE OF RESERVATIVE N (AWPA) PROCESS". .) IN CONTA HOT DIPPEI	SS, AND S SHALL BE TED OTHERWISE: SECURED IN NOT BE FIELD R ICC SHALL RWISE. ECTION. R A I.O. R MASONRY E TREATMENT	APPROVAL BY ENG INSTALLED PER M UNLESS NOTED OT	HANGERS AS NOTE DNG-TIE. EQUIVA GINEER OF RECORN GANUFACTURERS' S THERWISE PER PL STS JLAM BEAM AM BEAM AM BEAM ATHING SHEATHING PANE D ASSOCIATION. DR GLUE (CDX). PANELS SHALL HA NLESS NOTED OTH /20 C-D APA CDX RATED STURD-I- " C-D W/EXTERIO DOR SHEATHING P D SUPPORTS AND LAN. BLOCKING A T BE REQUIRED U HING SHALL BE B	ED IN THE PLA LENT HARDWARE D. JOIST AND SPECIFICATION ANS OR DETAIL HANGER "U" SERIE "ITS" SER HGUS3.25/ HGUS412 HGUS5.25/ HGUS5.5/1 CLS SHALL HAVE WOOD SHEATHIN ORIENTED STR/ VE THE FOLLON IERWISE PER PL CT&C FLOOR OSB 40, OR GLUE PANELS SHALL F IN A STAGGERE IN A STAGGERE T INTERMEDIA NLESS NOTED C SLOCKED AT ALL	E MAY BE USED W BEAM HANGERS SI IS AND SHALL BE S: S TO MATCH LUME RIES TO MATCH JO (10 (10 (10 (10 (10 (10 (10 (10 (10 (10	TH PRIOR HALL BE AS FOLLOWS BER SIZE DIST SIZE DIST SIZE DEMARK OF THE BE C-D INT PANELS SHALL SPAN RATING, FIELD S NAILS 6" 8d AT 12" ULE SHEET S1.1 CE GRAIN SS NOTED OF SHEATHING LAN.			
SEISMIC DESIGN CATEGORY: SEISMIC FORCE RESISTING SYSTEM RESPONSE MODIFICATION FACTOR ANALYSIS PROCEDURE: 01300: GEOTECHNICAL INFORMATION ALL FOUNDATIONS ARE TO BE FOUNDED FOUNDATIONS ARE TO BE SUPPORTED (BEARING PRESSURE USED IS 1500 PSF 01330: SHOP DRAWING SUBMITTAL PRO SHOP DRAWINGS ARE TO BE SUBMITTED RECORD FOR APPROVAL PRIOR TO FABI FROM THE APPROVED DESIGN DRAWINGS	SE EM: B DR: R ED ON COM ON CONVE SF. ROCESS ED TO THE BRICATION	EISMIC DE EARING W/ = 6.5 QUIVALEN IPETENT N/ NTIONAL I ARCHITE I. IF SH	ESIGN CATE ALL SYSTEM T LATERAL ATIVE MATH FOOTINGS. CT AND EN OP DRAWIN	M FORCE ERIAL ALLOWABLE GINEER OF GS DIFFER	SH O S (1 L C A E P P	IALL BE T 6100: ROL AWN LUMBE WCLIB) "C JMBER SHA ONTENT. SSEMBLED XPOSED TC RESERVATI	CUTS, NOTCHES REATED IN THE IGH FRAMING IR SHALL CONF RADING AND DI ALL BE S4S ANI PROTECT LUMB FRAMING TO M O WEATHER OR VE TREATED U S FOR EACH US DULE:	E FIELD IN ORM TO WES RESSING RU D SURFACED ER FROM WE INIMIZE WO IN CONTACT .N.O. PER	ACCORDANCI T COAST LU LES" NO. 1 DRIED, 19 ATHER AND OD SHRINKA WITH CONC PLAN. LUM I SHALL BE	E WITH / IMBER IN 7 LATES 9 PERCEN PROVIDE GE POTE GE POTE RETE OR IBER SPE AS FOLL	AWPA M4. ISPECTION B IT EDITION. IT MAXIMUM I FURTHER D NTIAL. AL MASONRY S CIES, GRAD	UREAU SAWN MOISTURE RYING OF L LUMBER HALL BE E, AND PER								
SEAL AND SIGNATURE OF A LICENSED SHALL BE SUBMITTED ALONG WITH THI JURISDICTION FOR APPROVAL PRIOR SHOP DRAWINGS ARE REQUIRED FOR RE 01400: SPECIAL INSPECTIONS SPECIAL INSPECTIONS REQUIRED FOR ANCHORS AND SHEARWALL AND HOLDOW 02000: SITE CONSTRUCTION ALL SITE CONSTRUCTION SHALL BE CO ENGINEERING RECOMMENDATIONS AS NO REPORT (SEE SECTION 01300) AND IN	D WASHING HE SHOP D TO FABRI ROOF AND R POST IN WN SYSTEM CONSISTEN NOTED IN	STON STATI RAWINGS CATION. TJI FLOO ISTALLED 1. IT WITH TI THE GEOT	E STRUCTU TO THE AP R JOISTS EPOXY AND HE GEOTEC ECHNICAL	RAL ENGINEE PROPRIATE AND GLB'S. MECHANICAL	- - -	ALL STUDS 2X, 3X 4" WIDE 2X, 3X 6" & WIE ALL PLATE 2X4, 3X4 2X6, 3X6 DISTS 2X, 3X EAMS AND 4X	S HEM-FIR HEM-FIR HEM-FIR POSTS DOUGLAS	FIR-LARCH	GRADE (PS STUD 67 NO. 2 85 STUD 67 NO. 2 85 NO. 2 90	51) (PSI 75 15 76 15 75 15 76 15 76 15 76 15) (PSI) 50 405 50 405 50 405 50 405 50 405 50 405 50 405	<pre>(PSI) (PSI) 800 1.2E6 1300 1.3E6 800 1.2E6 1300 1.3E6 1300 1.3E6 1300 1.3E6 1350 1.6E6</pre>								
03000: CONCRETE CONCRETE CONSTRUCTION SHALL CONFO STANDARD ACI 318 "BUILDING CODE F CEMENT AND CONCRETE SHALL CONFOR BY THE ENGINEER OF RECORD AND SHA WATER SOLUBLE CHLORIDE ION SHALL CONCRETE MIX DESIGNS SHALL MEET 28 DAY MAX. MAX. AIR	REQUIREM RM TO IBC HALL COMP L NOT BE THE FOLL SPE	ENTS FOR ADMIX UY WITH USED. OWING RE CIAL	STRUCTUR TURES SHAI ACI 318. QUI REMENTS LOCATI ON	AL CONCRETE LL BE APPRC THE USE OF	JTE F .". A H DVED H P F P	RAMING CO ND DETAIL ARDWARE I ARDWARE I EMBERS TO ROVIDE SO ASTENER I ER PLAN, BC TABLE	WING NOTES DNNECTORS, AC S ARE AS MAN MAY BE USED W PER MANUFACTU DGETHER PLACE DLID BLOCKING REQUIREMENTS DETAIL, OR S 2304.9.1.	CESSORIES, UFACTURED HEN APPROV RERS' SPEC HALF OF T AT ALL BE AT TREATED CHEDULE SH	AND FASTE BY SIMPSON ED BY ENGI IFICATIONS HE REQUIRE ARING POIN UUMBER. IALL COMFOR	ENERS AS I STRONG NEER OF ED FASTE ITS. SE TYPICAL RM TO FA	S NOTED IN G-TIE. EQU RECORD. RE STRAPS C ENERS INTO E SECTION NAILING N ASTENING SC	IIVALENT INSTALL ALL CONNECT TWO EACH MEMBER. 06071 FOR OT SHOWN CHEDULE PER								
STRENGTH W/C SLUMP ENTAINMEN f'c (PSI) RATIO (INCHES) (PERCENT 2500 0.45 5±1 0±1 ONE COMPRESSION TEST MINIMUM SHAN OR 5000 SQUARE FEET OF SURFACE AF A TEST SHALL BE THE AVERAGE STREN SAMPLE AND TESTED AT THE SPECIFIE FOR INFORMATION REGARDING POST TE DEVELOPMENT, OR OTHER PURPOSES. (1) NO TEST FALLS 500 PSI BELOW (2) THE AVERAGE OF ALL SETS OF BELOW THE SPECIFIED STRENG	NT) REQ ALL BE CO AREA FOR ENGTH OF IED AGE. TENSIONIN CONCRET DW THE SP 5 3 CONSE	UIRED / NO F(EACH MIX TWO CYLII ADDITIOI IG, FORM I E IS ACCI ECIFIED S	APPLICATIO OOTINGS/S OR EVERY DESIGN PI NDERS MADI NAL CYLINI REMOVAL, S EPTABLE II STRENGTH	TEM WALLS 150 CUBIC Y LACED EACH E FROM THE DERS MAY BE STRENGTH F:	YARDS DAY. SAME U MADE A B MADE 2	AIL SIZE 8d 10d 12d 16d NLESS NO T SILL PI ONCRETE / E A MININ ORE THAN "X2"X3/10		ENGTH .5" .25" .5" PER SHEAR E 1/2" DIA SPACED NOT LTS PER SI THAN 4.5" ER SHALL B	WALL SCHED METER WITH MORE THAN LL PIECE W FROM EACH E PROVIDED	DULE OR 17"MIN 16FEET VITH ONE 1END OF DFOR AL	PLANS, ANC NIMUM EMBED APART. T BOLT LOCA THE PIECE L ANCHOR B	HOR BOLTS MENT INTO HERE SHALL TED NOT . A SOLTS (DO								
CONCRETE NOT MEETING THE ABOVE CF NO ADDITIONAL EXPENSE TO THE OWNE	NER.				IG AT C U A	ONSTRUCT FP PLATES LL BEAMS	ON. PROVIDE S AT 6'-O" OC SHALL BE SUP NOTED ON THE	NEW ANCHOR	8 BOLTS (SI	MPSON T	TITEN HD'S	OR SIMPSON								
HOLDOWN & FAS)S)	,	SHE	ARWALL S		.E - 7/16	8" AP/	A RATED	SHEATHI	NG W/ HEM-FIR	STUDS AN	D HEM-FI	R PLATES				
HARDWARE WOOD MEMBER/P TYPE 2X4 WALL 2X6	/POST (6 WALL	FASTENER	rod Diameter	EMBEDMENT		WALL TYPE	SHEATHING	PANEL EDGE NAILING	FIELD NAILING	BOTTOM NAIL	LING	0.148"x3.25"	NG TO TOP PLATE CONN.	FRAMING AT ADJOINING PANEL	Foundation Sill plate	ANCHOR BOLT SPACING 5/8" DIA.				
STHD14 (2) 2X4 (2) STHD14RJ	2) 2X6	(24) 12d	STRAP	14"		P6	7/16" SHT.	6" O.C.	12" O.C.	ROWS (1)	SPACING 4" 0.C.	TOENAIL N/A	24" 0.C.	EDGES 2x	2x	7" EMBED 48" 0.C.				
MST48 (2) 2X4 (2)	2) 2X6	(22) 16d	N.A.	N.A.		P4	ONE SIDE 7/16" SHT.	4" O.C.	12 " 0.C.	(2)	6" O.C.	N/A	16" O.C.	(2)2x OR 3x	2x 2x	32" 0.C.				
						P3	ONE SIDE 7/16" SHT.		12 0.0. 12" 0.C.	(2)	4" 0.C.	N/A	12" O.C.	(2)2x OR 3x	2x	24" 0.C.				
HOLDOWN AND FASTE	ENER S	CHEDUI	L E NOTE	<u> </u> ES;	J		ONE SIDE 7/16" SHT.		12" 0.C.	(3)	6" O.C.	N/A	40" 0 0			18" 0.C.				
 HOLDOWNS SHALL BE AS STRONG-TIE COMPANY. 16d = 0.162" DIA. X 3 1 FILL ALL HOLES UNLESS SCREWS SHALL BE SDS SIMPSON STRONG-TIE CO HOLDOWN ANCHORS SHAL CONCRETE. ANCHOR BOLT NUT SHAL WITH HAND WRENCH. HDU HOLDOWNS SHALL E OF THE ATTACHED POST. ANCHOR BOLT HOLDOWNS ANCHOR HEAD REQUIRES 	S MANUF 1/2" LON S NOTED (1/4" DIA COMPANY. ALL BE SI ALL BE FIN BE INSTA T. IS SHALL S NUT/WA	ACTURED NG. DTHERWIS X. X 2 1/ ECURED II NGER-TIGI LLED CEN BE ASTM ASHER NU	BY THE S 2" AS MA N PLACE I HT PLUS ' NTERED AL A A307 OF JT.	SIMPSON NUFACTURE PRIOR TO P 1/3 - 1/2" ONG THE W R A36 STEE	LACING TURN IDTH L.	1. STU 2. SHE FRAMIN 5. FRA SHEARV 7. NAI 8. NAI 9. ANO BOLTS 10. GA	G. SEE NOTE MING MEMBER ALL MARKS E LS FOR PLYW LS FOR BOTTO CHOR BOLTS S IS NOT ALLOW LVANIZED PLA	EDULE 1 T BE SPAC 5. RS RECEIVIN XCEPT "P6 OOD AND C OM PLATE 1 SHALL BE C ATE WASHE	NOTES: CED MORE INSTALLED NG EDGE NA S". DSB PANEL FRAMING SI GALVANIZED RS PER ST	THAN 16 D EITHEF AILING F EDGE A HALL BE D 5/8" [RUCTUR.	6" O.C R HORIZONT ROM ABUTT AND FIELD N E 12d COMM DIAMETER A	TALLY OR VER TING PANELS S NAILING SHALL MON (0.148" X A-307 AND SH	10" 0.C. TICALLY WITH ALL PAN SHALL NOT BE LESS T BE 8d (0.131" X 2 1 3.25"). IALL BE SECURED IN AT EACH ANCHOR B	THAN 3" NOMINA I/4"). PLACE PRIOR TO	AL AND NAILS	WITH 2" NOMIN SHALL BE STAC POUR. WET STIC	GERED FOR ALL			
9. POST INSTALLED ANCHOR USE EMBEDMENTS INDICA			rsun set	XM UR EQL	JAL.	RECESS	ING PLATE WA	ASHERS IN	PLATES IS	NOT AL	LOWED.		0.131" X 2 1/2") NAIL							

SCALE: N/A

SCALE N/A

12. A35 FRAMING ANGLES SHALL BE INSTALLED WITH 12-8d X 1 1/2" (0.131" X 1 1/2") NAILS. RE: DETAILS 1, 2, & 3.
 13. ALL NAILS INTO PRESSURE TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED CONFORMING TO ASTM 153 OR STAINLESS STEEL.
 14. WHERE BOTTOM PLATE NAILING SPECIFIES A SPACING OF 4 INCHES OR LESS NAILS SHALL BE INSTALLED IN TWO ROWS OFFSET 1/2 INCH AND STAGGERED.

No. REVISION DATE No REVISION DATE No REVISION DATE PERMIT SUBMITTAL D5/27/22 FILE: 220555100 PERMIT SUBMITTAL D5/27/22 FILE: 220555100 Increased and the state DATE: 05/27/22 FILE: 220555100 Increased and the state DATE: 005.0610 FILE: 2005.0610
NO. REVISION DATE NO. REVISION DATE NO. REVISION DATE PERMIT 05/27/22 D5/27/22 ENG'R: ENG CAD: JMA DATE: 05/27/22 JOB #: 22055
NO. REVISION DATE NO. REVISION DATE NO. REVISION DATE PERMIT DATE DATE PERMIT SUBMITTAL D5/27/22 ENGR: ENG CAD: JMA JOB #: 220555100 JOB #: 22055
NO. REVISION PERMIT SUBMITTAL FILE: 2 FILE: 2 JOB #: JOB #:
Votes
Structural Plan and Notes ALEXANDER RESIDENCE 6010 E MERCER WAY Mercer Island, Washington 98040
S1.00

	FRAMING	G LEGEND		
FB		1000 PANEL HEARWALL PER CHEDULE	· · · · ·	er framing at roof 5 detail 12/S6.00
⊡===⊡==⊡==⊠ DROPPED BEAM DB ⊡===⊡==⊡==⊠ HEADER HR	Sł	HEARWALL WITH ORCE TRANSFER		DPING FRAMING AT DECKS
GLB GLB GLB GIRDER TRUSS	<u>[SW1]</u> D	OLDOWN PER		ER ARCH.)
GT INDICATES NO. OF BUNDLED STUDS		CHEDULE	BLC	OCKED FLOOR DIAPHRAGN
PROVIDE (2) TYP. U.N.O.	<u> </u>	EARING WALL PER CHEDULE THIS SHEET		
CONTINUE TO FOUNDATION	BEAM/JOIST H	ANGER		
BEAM SIZE PER SCHEDULE		IES/SCHEDULE	Note:	
FB – FLUSH BEAM DB – DROPPED BEAM HR – HEADER			ALL SECTION (ARE TYPICAL	CUTS
RIM – RIM JOIST (MIN. WIDTH – C W – WIDE FLANGE STEEL BEAM	COORD. W/ SHEARWALL SCHEDU	JLE)		
FRAMIN	G NOTES			
FRAMING SHALL BE PREENGINEERED TRUSSES AT ITCHES AND CEILING VAULTS.	24' O.C. SEE DETAILS ON S6.0 FOR	R TRUSS TO WALL CONN	NECTIONS. SEE ARCHITECTUR	AL DRAWINGS FOR ALL
R FRAMING SHALL BE 2X10'S AT 16" O.C. LAP JO G AND SHEAR WALLS SHALL BE DOUBLE JOISTS U.N	NSTS 4" ATOP WALLS. SECURE JOIS	ST TO TOP PLATES WITH	1 (2) 8d NAILS. JOISTS UNI	DER AND PARALLEL TO
G AND SHEAR WALLS SHALL BE DOUBLE JOISTS U.N .S INDICATED ARE BELOW THE FRAMING LEVEL. SEI			DOORTED O'N'O'	
IS INDICATED ARE BELOW THE FRAMING LEVEL. SEI			FLOOR WOOD SHRINKACE (A	CCUMUI ATIVF)
ING MEMBERS AND SHEATHING SHALL BE PER STRI		COMMODAL INT FER	. 2000 WOOD SHRINKAGE (A	
GERS INDICATED ARE AS MANUFACTURED BY SIMPS	UN SIKUNG-IIE.			
ARCHITECTURAL DRAWINGS FOR DIMENSIONS.				
WELL STUDE FOON THE LEVEL CLALL DE CONTINUE	U DOWN TO FOUNDATION OF CUDD			
DLED STUDS FROM THIS LEVEL SHALL BE CONTINUE				
BEAMS AND HEADERS SHALL HAVE A MINIMUM OF				
BEAMS AND HEADERS SHALL HAVE A MINIMUM OF	(1) KING STUD AT EACH END FOR	BRACING U.N.O.		
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