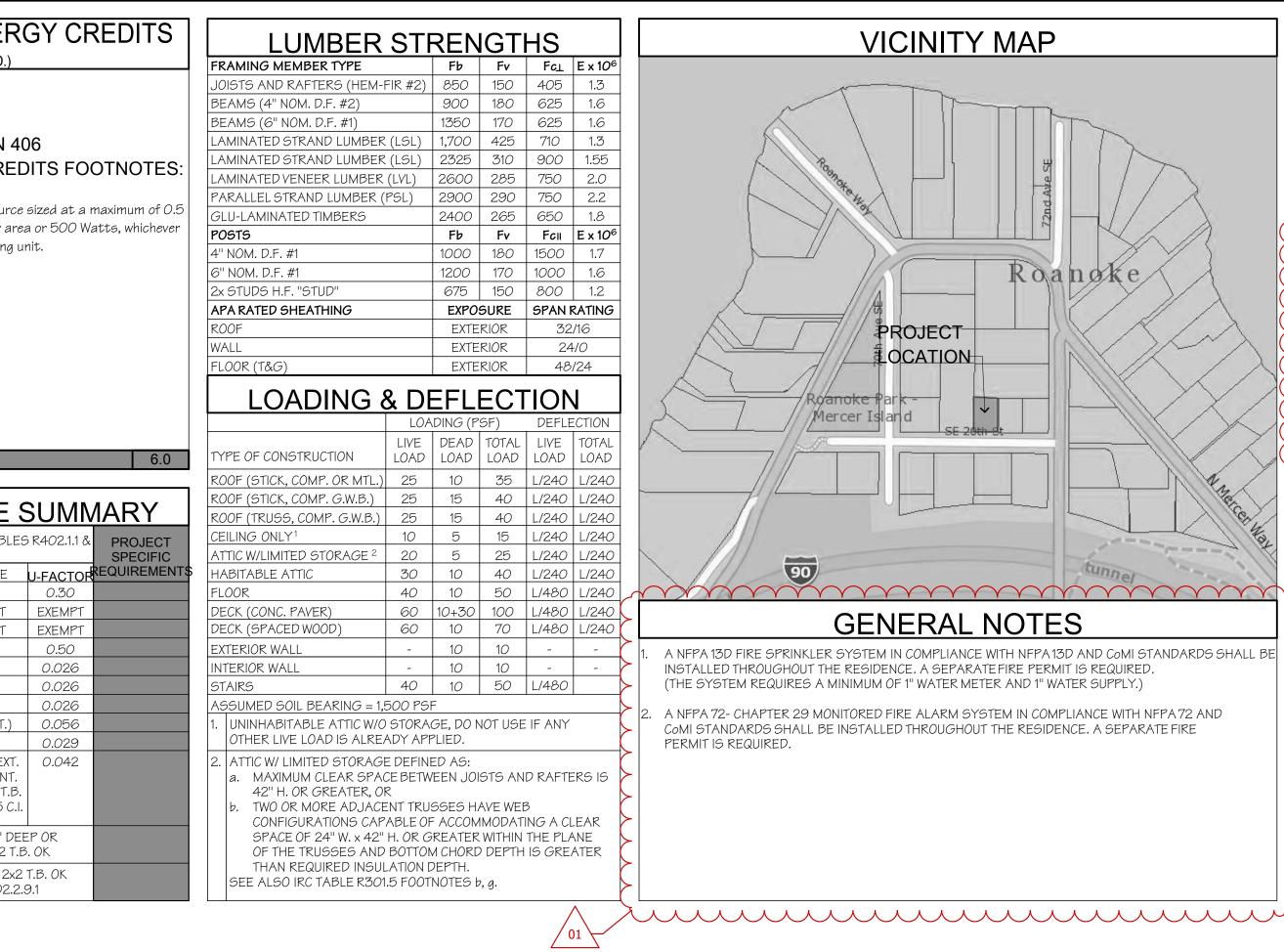


CODES	SECTION 406		SECTION 406	
THIS DESIGN IS IN ACCORDANCE WITH THE FOLLOWING CODES AS AMENDED BY THE STATE OF WASHINGTON: 2018 INTERNATIONAL RESIDENTIAL CODE (IRC) 018 WASHINGTON STATE ENERGY CODE (WSEC) FROM 2015 IECC 2018 INTERNATIONAL MECHANICAL CODE (IMC) 2018 UNIFORM PLUMBING CODE (UPC) 018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) 2018 WSEC NOTES . THE THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE PER SECTION R402.4.1 THROUGH	ADDITIONS-<500 SF:	TS 4.5 3.0 7.0 DITS 1.0	S ENERGY EFFICIE Footnote a: a. An alternative Watts/ft2 (equivalent) of h is bigger, may be installed in	heating source eated floor are
 R402.4.5 AND SHALL BE TESTED PER SECTION R402.4.1.2, SEE TABLE R402.4.1.1 FOR AIR BARRIER AND INSULATION INSTALLATION. INDOOR AND OUTDOOR LIGHTING SHALL COMPLYW/ SECTION 404. HVAC DUCTS SHALL BE SEALED AND LEAK TESTED AS REQUIRED PER SECTION 403.3.2. OPEN-BLOWN OR POURED LOOSE FILL INSULATION MAY BE USED ONLYWHEN THE CEILING IS 3:12 SLOPE OR LESS AND THERE IS AT LEAST 30" OF CLEAR SPACE 	C403.3.2(1)C or C403.3.2(2) ADDITIONAL ENERGY EFFICIENCY REQUIREMENTS SELECTED FROM TABLE 406.3: CRE 3.2ª HIGH EFFICIENCY HVAC EQUIPMENT 3.2ª: Air-source centrally ducted heat pump with minimum HSPF of 9.5. To qualify to claim this credit, the building permit drawings shall specify the option being selected and shall specify the heating equipment type and the minimum equipment efficiency.	<u>DIT</u> S 1.0		
 FROM THE TOP OF THE BOTTOM TRUSS CHORD TO THE ROOF SHEATHING, SEE SECTION R402.2.1.1 OPEN-BLOWN, POURED OR SPRAY APPLIED ROOF/CEILING INSULATION SHALL BE IDENTIFIED BY INCHES OF THICKNESS W/ DENSITY AND R-VALUE MARKERS INSTALLED AT ONE FOR EVERY 300SF THROUGH THE ATTIC SPACE PER SECTION R303.1.1.1 A PERMANENT CERTIFICATE SHALL BE POSTED WITHIN 	 5.3 EFFICIENT WATER HEATING 5.3: 5.3 Water heating system shall include one of the following: Energy Star rated gas or propane water heater with a minimum UEF of 0.91 To qualify to claim this credit, the building permit drawings shall specify the option being selected and shall specify the heating equipment type and the minimum equipment efficiency. 	1.0	TOTAL CREDITS PROVI ENERGY (COMPONENT REQUIREMENT R402.1.3, 2 FENESTRATION	CODE (
 3 FEET OF THE ELECTRICAL PANEL AND IS TO BE COMPLETED BY THE BUILDER OR REGISTERED DESIGN PROFESSIONAL PER SECTION R401.3, THE CERTIFICATE SHALL INCLUDE: a. PREDOMINANT R-VALUES OF INSTALLED INSULATION. b. U-FACTORS AND SHGC OF WINDOWS AND SKYLIGHTS INSTALLED AT THE HEATED ENVELOPE. c. THE TYPE AND EFFICIENCY OF HVAC AND WATER HEATING EQUIPMENT. d. DUCT LEAKAGE RATES FROM THE DUCT TEST. e. AIR LEAKAGE RATES IF A BLOWER DOOR TEST WAS CONDUCTED. 7. ATTIC AND CRAWL SPACE ACCESS DOORS SHALL BE INSULATED TO ADJACENT INSULATION STANDARD AND WEATHER-STRIPPED PER R402.2.4 	 6.1 RENEWABLE ELECTRIC ENERGY 6.1: For each 1200 kWh of electrical generation per housing unit provided annually by on-site wind or solar equipment a 1.0 credit shall be allowed, up to 3 credits. Generation shall be calculated as follows: For solar electric systems, the design shall be demonstrated to meet this requirement using the National Renewable Energy Laboratory calculator PVWATTs or approved alternate by the code official. Documentation noting solar access shall be included on the plans. For wind generation projects designs shall document annual power generation based on the following factors: The wind turbine power curve; average annual wind speed at the site; frequency distribution of the wind speed at the site and height of the tower. To qualify to claim this credit, the building permit drawings 	3.0	SLAB ON GRADE, HEATED	EXEMPT EXEMPT N.A. R-49 R-38 R-38 R-21 (INT.) R-30 R-10 C.I. EXT. R-15 C.I. INT. R-15 C.I. INT. R-13 + R-5 C.I. R-10, 24" DEI WIDE, 2x2 T.E
	shall specify the option being selected and shall show the photovoltaic or wind turbine equipment type, provide documentation of solar and wind access, and include a calculation of the minimum annual energy power production.		L	

Approach View

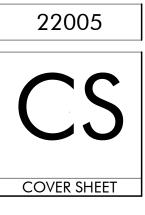


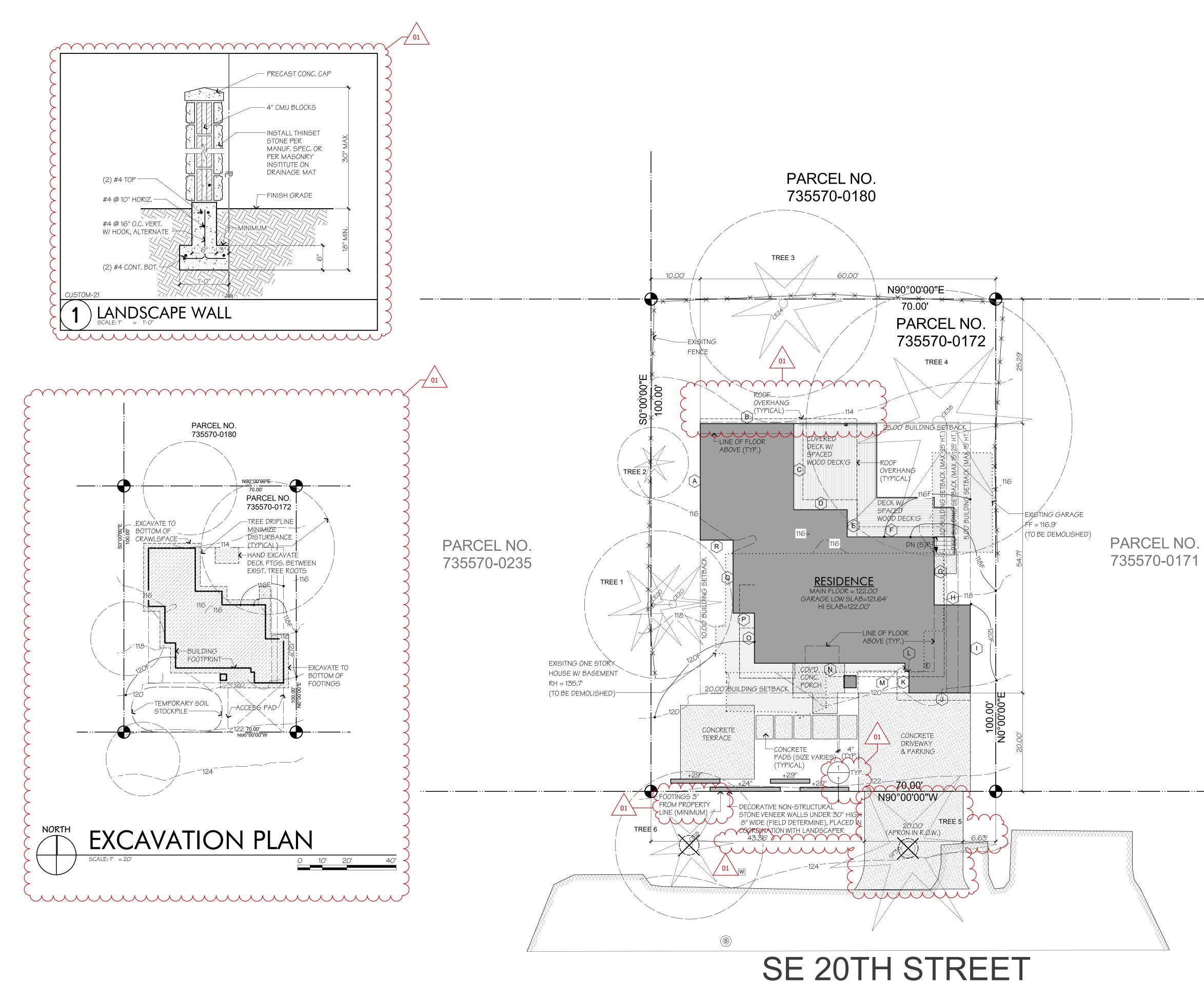
	BUILDING AREAS			SHEET INDEX
	MAIN FLOOR 1,458 S.F	- 1	ID	SHEET TITLE
	UPPER FLOOR 1,307 S.F TOTAL LIVING SPACE 2,765 S.F	_	CS	COVER SHEET
	GARAGE206 S.FDECK (SPACED WOOD DECKING)459 S.F		1	SITE PLAN
	PATIOS, TERRACES, WALKWAYS 344 S.F		2.1	DETAILS
ξ	DRIVEWAY, PARKING 456 S.F		2.2	DETAILS
λ			2.3	WATERPROOF DETAILS
~{	PROJECT TEAM	K	2.4	WP / STUCCO & DETAILS
\wedge	ARCHITECT: 4D ARCHITECTS. INC.	\sum	3	FOUNDATION/MAIN FLOOR FRAMING
	MAIL ONLY: PO BOX 951 BOTHELL, WA 98041	$\left \right\rangle$	4	MAIN FLOOR PLAN
$\sim >$	 425.576.1414 plans@4darchitects.com 	К	5	UPPER FLR/LOWER RF FRAMING PL
$\langle \land \rangle$	STRUCTURAL ENGINEER: (LATERAL, RETAINING WALL	s)	6	UPPER FLOOR PLAN
\times	GRAVITY DESIGN) UPSTATE ENGINEERING, INC. (ANDREW GAHAN)	К	7	UPPER ROOF FRAMING PLAN
	22002 64th AVE W,#2C, MOUNTLAKE TERRACE, WA, 98043	\sum	8	ELEVATIONS
\checkmark	206.280.4715	\mathcal{Y}	9	ELEVATIONS
Marc	SURVEY PROVIDED BY: SITE SURVEYING, INC.		10	SECTIONS
A Mercel May	21293 NE 11TH. STREET, SAMMAMISH, WA, 98074 425.298.4412 DATE ON CURVEY, 2474/01		11	SECTIONS
	DATE ON SURVEY: 8/31/21	\rightarrow	12	SCHEDULES
$\gamma\gamma\gamma\gamma\gamma$	DRAINAGE DESIGN BY: CE SOLUTIONS (DUFFY ELLIS)		50	STRUCTURAL NOTES
	✓ 102 NW CANAL ST, SEATTLE, WA, 98107 206.930.0342		S1	LATERAL DETAILS
RDS SHALL BE	SEE ARBORIST REPORT BY: ARBORIST NW, LLC. (NEAL BAKER) 206.779.2579			
2 AND	\prec			
E	PROJECT DESCRIPTION			
	REMOVE EXISTING SINGLE FAMILYRESIDENCE CONSTRUCT NEW SINGLE FAMILYRESIDENCE			

ARCHITECT .576. plans 4 D

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"Development proposals for a new single-family home shall remove Japanese knotweed (Polygonum cuspidatum) and Regulated Class A, Regulated Class B, and Regulated Class C weeds identified on the King County Noxious Weed list, as amended, from required landscaping areas established pursuant to subsection 19.02.020(F) (3)(a). New landscaping associated with new single-family home shall not incorporate any weeds identified on the King County Noxious Weed list, as amended. Provided, that removal shall not be required if the removal will result in increased slope instability or risk of landslide or erosion."

HARDSCAPE:

MICC 19.02 .02F (3) (b) (i) (a): MAXIMUM HARDSCAPE= 755 S.F.

DECK= 459 WALK/PATIO= 225 LANDSCAPE WALLS= <u>28</u> **712 S.F. PROPOSED HARDSCAPE**

LOT SLOPE:

HIGH POINT: 122.00' LOW POINT: 113.00' DISTANCE: 100.00'

IMPI	ERVIC	ĊŪĊ	IS LOT C	ÖV	ΈR	AGE
ROOF AREA						2,244 S.F.
ENTRY DRIV	E					456 S.F.
TERRACE FR	ROM WALK	WAY				225 S.F.
WALKWAYS						119 S.F.
EXTERIOR S			LANDING			33 S.F.
UNCOVERED						221 S.F.
TOTAL IMPE						3,298 S.F.
PERCENTAG MAX. PERCE						47.11 % XX.X %
BLDG. FOOT			OF, & VEHICLE ACC		∕EŔ	2,700 S.F.
LOT AREA PERCENTAG		VEDA	CE			7,000 S.F.
MAX. PERCE						38.57 % 40 %
		$\gamma\gamma$		$\gamma \gamma$	$\overline{\gamma}$	
			T MIDPOINT OF WA MENT LENGTHS IN			15
A 115.53	(23.67)	$\left(\right)$	120.00 (12.25)			
$\langle \rangle$						
B 114.16	(19.00)	K	119.88 (4.31)			
$\times \vdash$	(19.00) (17.50)	K L	119.88 (4.31) 119.65 (1.0)			
C 114.81	. ,	$\vdash \!$				
C 114.81 D 115.50	(17.50)	Ĺ	119.65 (1.0)			
C 114.81 D 115.50 E 115.88	(17.50)		119.65 (1.0) 119.69 (1.69)			
C 114.81 D 115.50 E 115.88 F 116.00	(17.50) (10.83) (5.50)	$\left \right\rangle $	119.65 (1.0) 119.69 (1.69) 119.19 (32.00)			
C 114.81 D 115.50 E 115.88 F 116.00 G 116.73	(17.50) (10.83) (5.50) (17.67)		119.65 (1.0) 119.69 (1.69) 119.19 (32.00) 118.60 (10.17)			
C 114.81 D 115.50 E 115.88 F 116.00 G 116.73 H 118.90	(17.50) (10.83) (5.50) (17.67) (13.83)	$\langle -\rangle \langle z \rangle \langle z \rangle$	119.65 (1.0) 119.69 (1.69) 119.19 (32.00) 118.60 (10.17) 117.72 (4.33)			
C 114.81 D 115.50 E 115.88 F 116.00 G 116.73 H 118.90 I 119.18	(17.50) (10.83) (5.50) (17.67) (13.83) (13.83) (17.83)	(L) (Z) (Q) (P) (Q) (R)	119.65 (1.0) 119.69 (1.69) 119.19 (32.00) 118.60 (10.17) 117.72 (4.33) 116.90 (14.83)	25,8	08.75	
C 114.81 D 115.50 E 115.88 F 116.00 G 116.73 H 118.90 I 119.18 SUM OF ELE	(17.50) (10.83) (5.50) (17.67) (13.83) (17.83) (17.83) EVATIONS	L Z O P Q R XWAL	119.65 (1.0) 119.69 (1.69) 119.19 (32.00) 118.60 (10.17) 117.72 (4.33) 116.90 (14.83) 116.18 (6.67)	25,8 117.0		
C 114.81 D 115.50 E 115.88 F 116.00 G 116.73 H 118.90 I 119.18 SUM OF ELE AVG. EXISTIN	(17.50) (10.83) (5.50) (17.67) (13.83) (17.83) (17.83) EVATIONS	$ \begin{array}{c} L \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	119.65 (1.0) 119.69 (1.69) 119.19 (32.00) 118.60 (10.17) 117.72 (4.33) 116.90 (14.83) 116.18 (6.67) L LENGTHS=	-	9'	

PROPOSED ELEV. AT ROOF RIDGE | 146.51 FORVERTICAL DATUM, REPER TO

SURVEY PROVIDED BY:

SITE SURVEYING, INC. 21293 NE 11TH. STREET, SAMMAMISH, WA, 98074

425.298.4412 DATE ON SURVEY: 8/31/21

FLOOR AREA RATIO

GROSS FLOOR AREA (INCLUDES (28) S.F. IN CRAWLSPACE FOR MECHANICAL)	2,999 SF			
LOT AREA	7,000 SF			
FAR	42.84%			
MAX. GFA: 2,999 S.F. W/ (1) ENCLOSED OFF STREET PARKING. MICC 19.02 020(D)(3)(a): MAX. GROSS FLOOR AREA= 3,000 S.F.				

BUILDING AREAS				
MAIN FLOOR	1,458 S.F.			
UPPER FLOOR	1,307 S.F.			
TOTAL LIVING SPACE	2,765 S.F.			
GARAGE	206 S.F.			
DECK (SPACED WOOD DECKING)	459 S.F.			
PATIOS, TERRACES, WALKWAYS	344 S.F.			
DRIVEWAY, PARKING	456 S.F.			
PATIOS, TERRACES, WALKWAYS	344 5.1			

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	The drawings and documents on this	sheet and set are an instrument of service	shall remain the property of 4D	Use of these drawings are limited to the	construction at: 7024 SE 20th Street,	<u>Mercer Island, WA, 98040</u>	Any use or reuse of such drawings	without our permission is prohibited.	OB FILES\22005 - SD Smith - Dhaliwal-Klar - 7
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SITE PLAN

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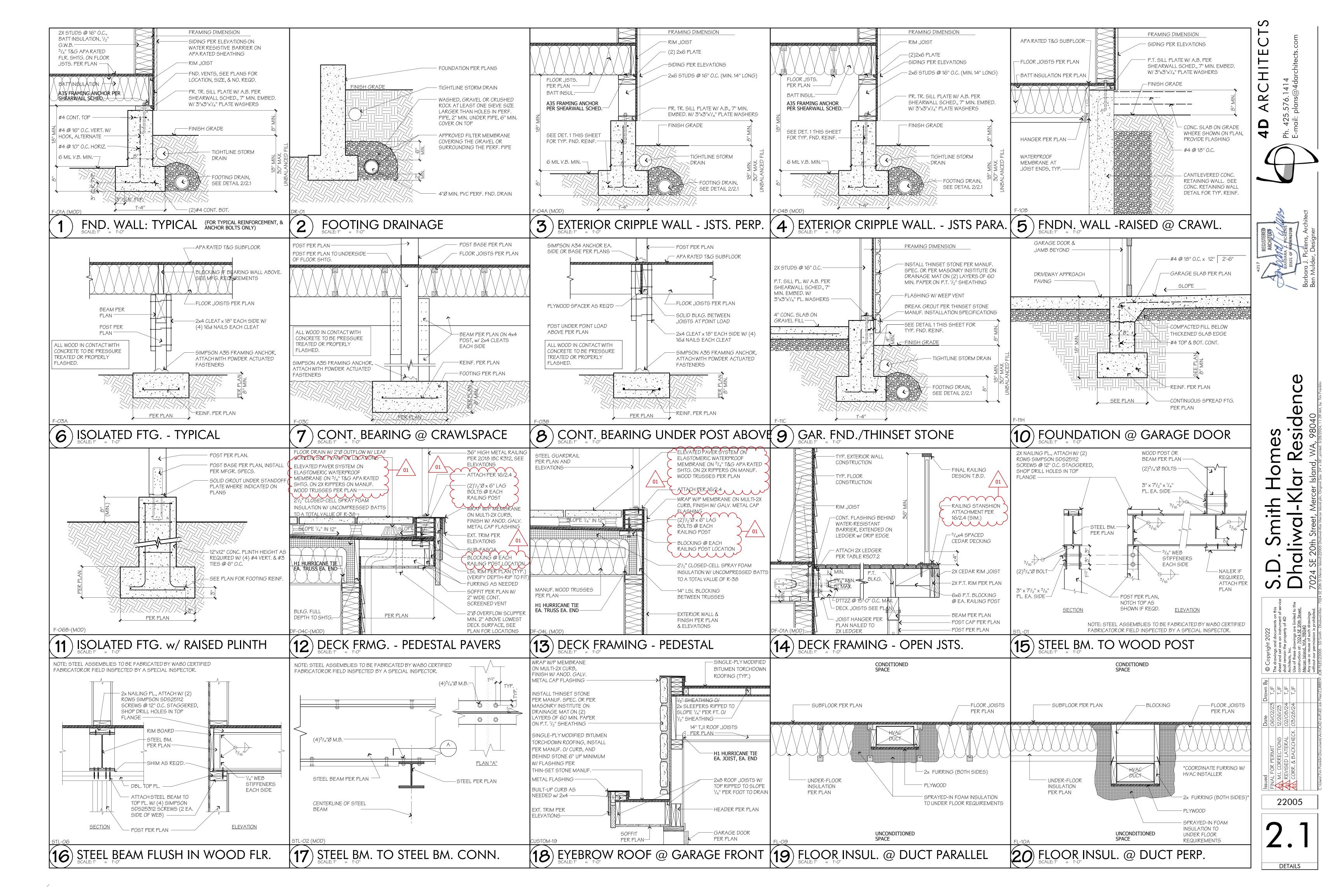
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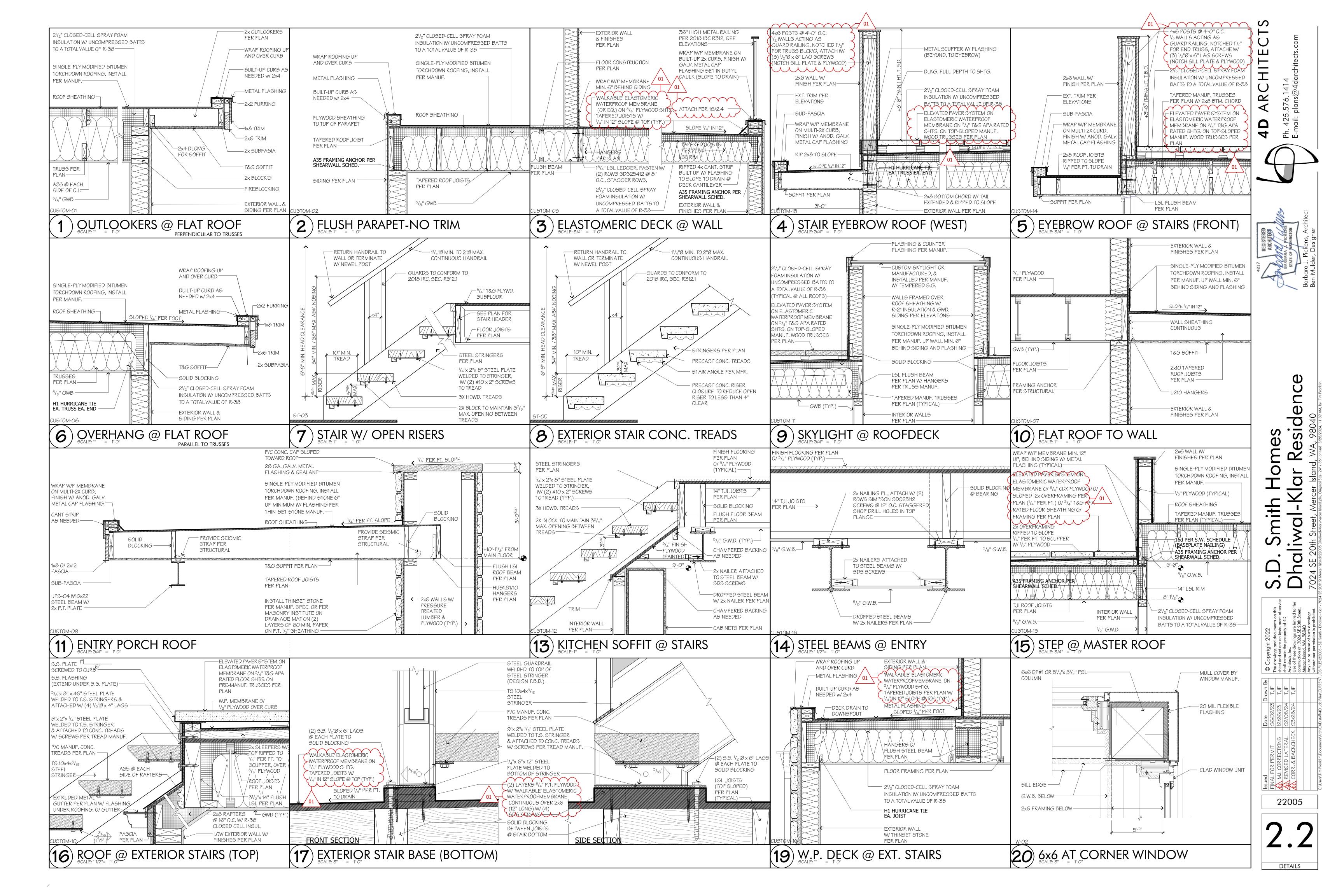
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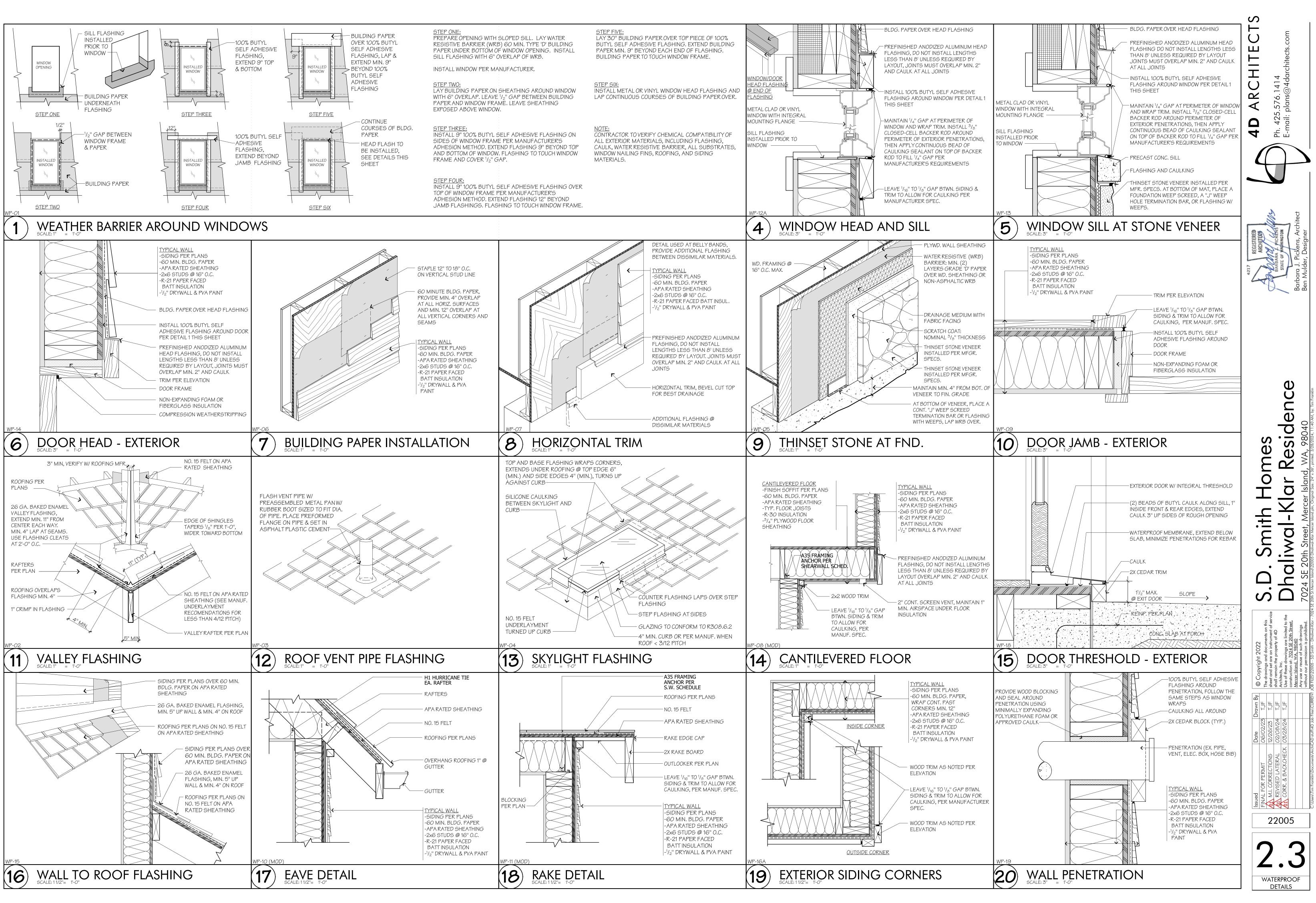
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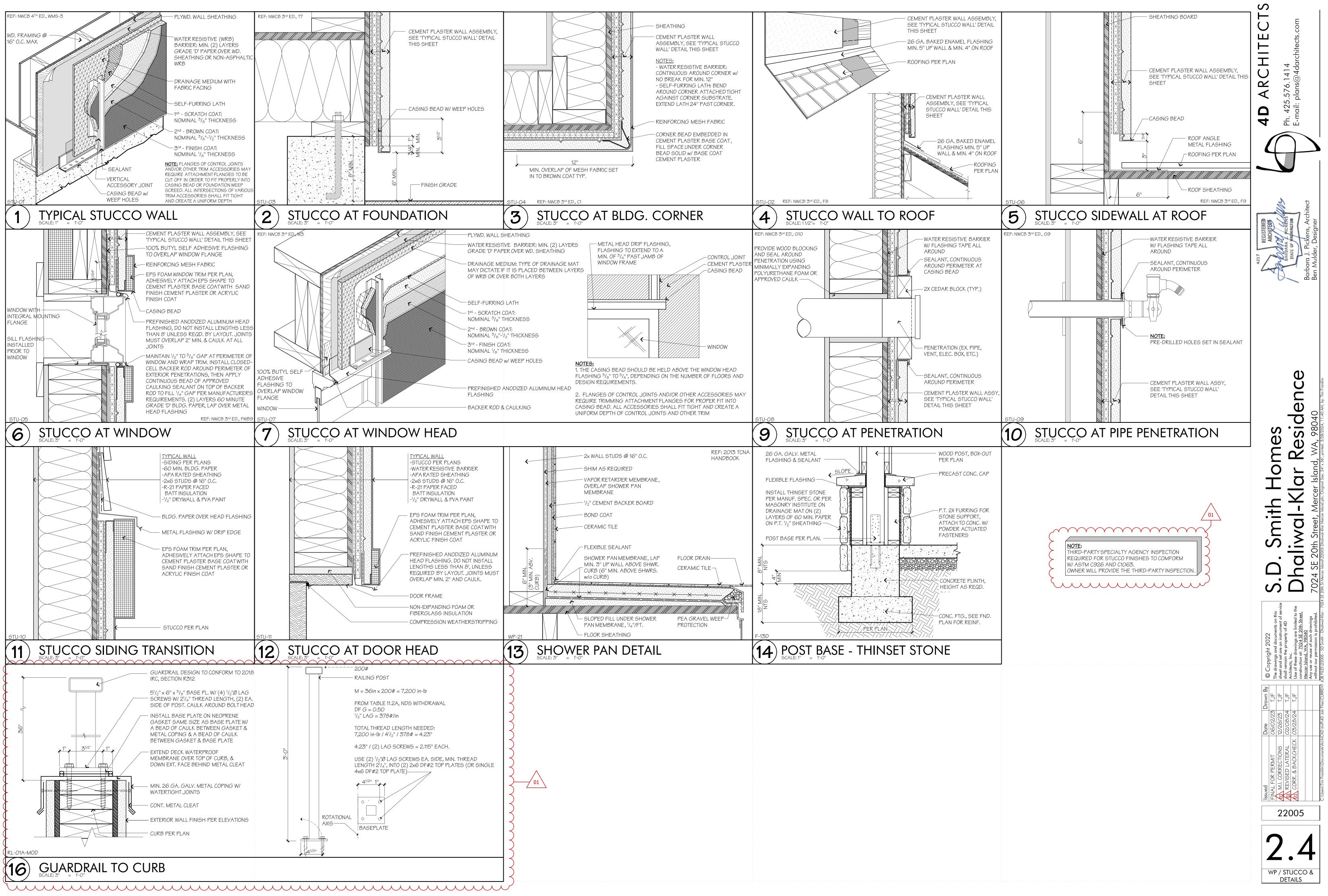
 Q^{FH} VERIFY LOCATION

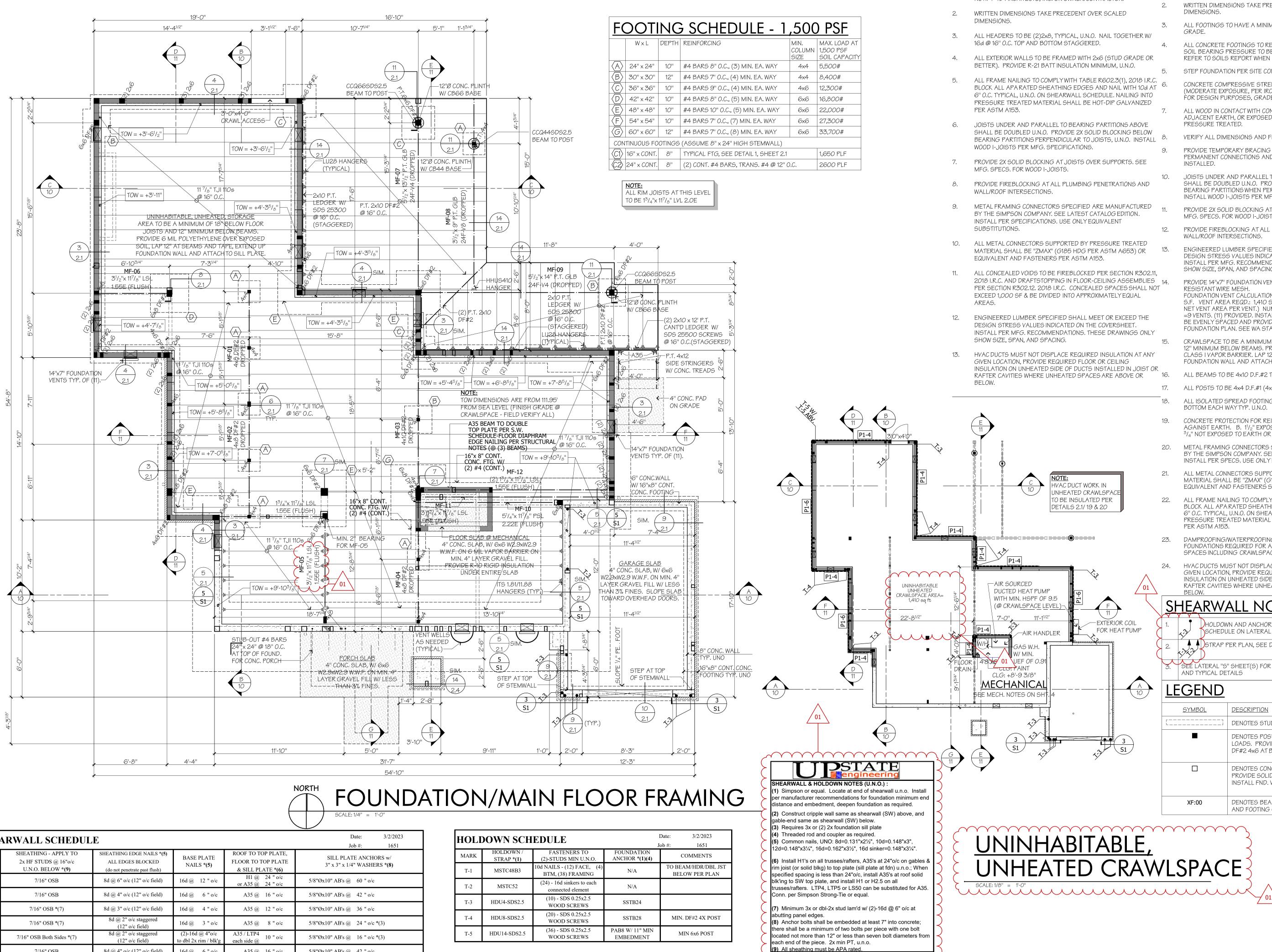
0 5' 10'











SHEA	RWALL SCHEDUL	Æ			Date: 3/2/2023 Job #: 1651
MARK *(2)	SHEATHING - APPLY TO 2x HF STUDS @ 16"o/c U.N.O. BELOW *(9)	SHEATHING EDGE NAILS *(5) ALL EDGES BLOCKED (do not penetrate past flush)	BASE PLATE NAILS *(5)	ROOF TO TOP PLATE, FLOOR TO TOP PLATE & SILL PLATE *(6)	SILL PLATE ANCHORS w/ 3" x 3" x 1/4" WASHERS *(8)
P1-6	7/16" OSB	8d @ 6" o/c (12" o/c field)	16d @ 12 " o/c	H1 @ 24 " o/c or A35 @ 24 " o/c	5/8"Øx10" AB's @ 60 " o/c
P1-4	7/16" OSB	8d @ 4" o/c (12" o/c field)	16d @ 6 " o/c	A35 @ 16 " o/c	5/8"Øx10" AB's @ 42 " o/c
P1-3	7/16" OSB *(7)	8d @ 3" o/c (12" o/c field)	16d @ 4 " o/c	A35 @ 12 " o/c	5/8"Øx10" AB's @ 36 " o/c
P1-2	7/16" OSB *(7)	8d @ 2" o/c staggered (12" o/c field)	16d @ 3 " o/c	A35 @ 8 " o/c	5/8"Øx10" AB's @ 24 " o/c *(3)
P2-2	7/16" OSB Both Sides *(7)	8d @ 2" o/c staggered (12" o/c field)	(2)-16d @ 4"o/c to dbl 2x rim / blk'g	A35 / LTP4 each side @ 10 " o/c	5/8"Øx10" AB's @ 16 " o/c *(3)
RSW	7/16" OSB	8d @ 4" o/c (12" o/c field)	16d @ 6 " o/c	A35 @ 16 " o/c	5/8"Øx10" AB's @ 42 " o/c

MAIN FLR. FRMG. NOTES

PLANS SHOULD BE REVIEWED BY ALL SUBCONTRACTORS PRIOR TO STARTING CONSTRUCTION. IF DISCREPANCIES EXIST, PLEASE NOTIFY 4D ARCHITECTS, INC. OR OWNER/CONTRACTOR.



PLANS SHOULD BE REVIEWED BY ALL SUBCONTRACTORS PRIOR STARTING CONSTRUCTION. IF DISCREPANCIES EXIST, PLEASE ш CONTACT 4D ARCHITECTS, INC. OR OWNER/CONTRACTOR.

WRITTEN DIMENSIONS TAKE PRECEDENT OVER SCALED

ALL FOOTINGS TO HAVE A MINIMUM DEPTH OF 18" BELOW FINISH

ALL CONCRETE FOOTINGS TO REST ON FIRM UNDISTURBED EARTH. SOIL BEARING PRESSURE TO BE AS LISTED ON COVER SHEET OR REFER TO SOILS REPORT WHEN REQUIRED OR AVAILABLE.

STEP FOUNDATION PER SITE CONDITIONS.

CONCRETE COMPRESSIVE STRENGTH TO BE F'C = 3,000 PSI(MODERATE EXPOSURE, PER IRC TABLE 402.2). 2,500 PSI USED FOR DESIGN PURPOSES, GRADE 40 REINFORCEMENT.

ALL WOOD IN CONTACT WITH CONCRETE, MASONRY, WITHIN 8" OF ADJACENT EARTH, OR EXPOSED TO WEATHER SHALL BE

VERIFY ALL DIMENSIONS AND FIELD CONDITIONS.

PROVIDE TEMPORARY BRACING AS REQUIRED UNTIL ALL PERMANENT CONNECTIONS AND STIFFENINGS HAVE BEEN

JOISTS UNDER AND PARALLEL TO BEARING PARTITIONS ABOVE SHALL BE DOUBLED U.N.O. PROVIDE 2X SOLID BLOCKING BELOW BEARING PARTITIONS WHEN PERPENDICULAR TO JOISTS U.N.O. INSTALL WOOD I-JOISTS PER MEG. RECOMMENDATIONS.

PROVIDE 2X SOLID BLOCKING AT JOISTS OVER SUPPORTS. SEE MFG. SPECS. FOR WOOD I-JOISTS.

PROVIDE FIREBLOCKING AT ALL PLUMBING PENETRATIONS AND

ENGINEERED LUMBER SPECIFIED SHALL MEET OR EXCEED THE DESIGN STRESS VALUES INDICATED ON THE COVERSHEET. INSTALL PER MFG. RECOMMENDATIONS. THESE DRAWINGS ONLY SHOW SIZE, SPAN, AND SPACING.

PROVIDE 14"x7" FOUNDATION VENTS WITH 1/4" CORROSION

FOUNDATION VENT CALCULATION: TOTAL CRAWL SPACE AREA: 1,410 S.F. VENT AREA REQD .: 1,410 S.F./300=4.7 S.F. (ASSUME .51 S.F. NET VENT AREA PER VENT.) NUMBER OF VENTS REQD .: 4.7 S.F./.51 =9 VENTS. (11) PROVIDED. INSTALL VENTS IN RIM JOISTS. VENTS TO BE EVENLY SPACED AND PROVIDE CROSS VENTILATION. SEE FOUNDATION PLAN. SEE WA STATE AMENDMENT R408.2.

CRAWLSPACE TO BE A MINIMUM OF 18" BELOW FLOOR JOISTS AND 12" MINIMUM BELOW BEAMS. PROVIDE 6 MIL POLYETHYLENE CLASS I VAPOR BARRIER. LAP 12" AT SEAMS AND TAPE, EXTEND UP FOUNDATION WALL AND ATTACH TO SILL PLATE.

ALL BEAMS TO BE 4x10 D.F.#2 TYP. U.N.O.

17. ALL POSTS TO BE 4x4 D.F.#1 (4x6 AT BEAM SPLICES) TYP. U.N.O.

- ALL ISOLATED SPREAD FOOTINGS TO BE 24"x24"x10" WITH (2)#4
- CONCRETE PROTECTION FOR REINFORCEMENT: A. 3" CAST AGAINST EARTH. B. $1^{1}/_{2}^{"}$ EXPOSED TO EARTH OR WEATHER. C. $3/_{4}$ " NOT EXPOSED TO EARTH OR WEATHER.
- METAL FRAMING CONNECTORS SPECIFIED ARE MANUFACTURED BY THE SIMPSON COMPANY, SEE LATEST CATALOG EDITION. INSTALL PER SPECS. USE ONLY EQUIVALENT SUBSTITUTIONS.
- ALL METAL CONNECTORS SUPPORTED BY PRESSURE TREATED MATERIAL SHALL BE "ZMAX" (G185 HDG PER ASTM A653) OR EQUIVALENT AND FASTENERS SHALL BE PER ASTM A153.
- ALL FRAME NAILING TO COMPLY WITH TABLE R602.3(1), 2018 I.R.C. BLOCK ALL APARATED SHEATHING EDGES AND NAIL WITH 10d AT 6" O.C. TYPICAL, U.N.O. ON SHEARWALL SCHEDULE. NAILING INTO PRESSURE TREATED MATERIAL SHALL BE HOT-DIP GALVANIZED
- DAMPROOFING/WATERPROOFING OF CONCRETE & MASONRY FOUNDATIONS REQUIRED FOR ALL INTERIOR & BELOW-GRADE SPACES INCLUDING CRAWLSPACES.

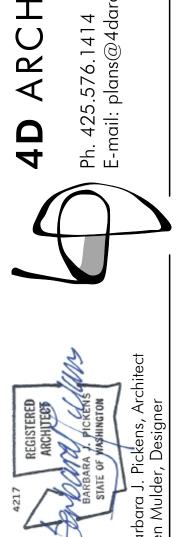
HVAC DUCTS MUST NOT DISPLACE REQUIRED INSULATION AT ANY GIVEN LOCATION, PROVIDE REQUIRED FLOOR OR CEILING INSULATION ON UNHEATED SIDE OF DUCTS INSTALLED IN JOIST OR RAFTER CAVITIES WHERE UNHEATED SPACES ARE ABOVE OR

SHEARWALL NOTES

HOLDOWN AND ANCHOR PER PLAN, SEE DETAILS AND SCHEDULE ON LATERAL "S" SHEET(S) STRAP PER PLAN, SEE DETAILS ON LATERAL "S" SHEET(S)

SEE LATERAL "S" SHEET(S) FOR SHEARWALL NOTES, SCHEDULE,

DENOTES STUD WALLS ABOVE DENOTES POSTING UNDER CONCENTRATED LOADS. PROVIDE DF#2 4x4 AT MIDSPAN AND DF#2 4x6 AT BEAM SPLICES U.N.O. DENOTES CONCENTRATED LOAD FROM ABOVE. PROVIDE SOLID BLOCKING AS REQUIRED. DO NOT INSTALL FND. VENTS AT THESE LOCATIONS DENOTES BEAM OR FOOTING LABEL. SEE BEAM AND FOOTING CALCULATIONS



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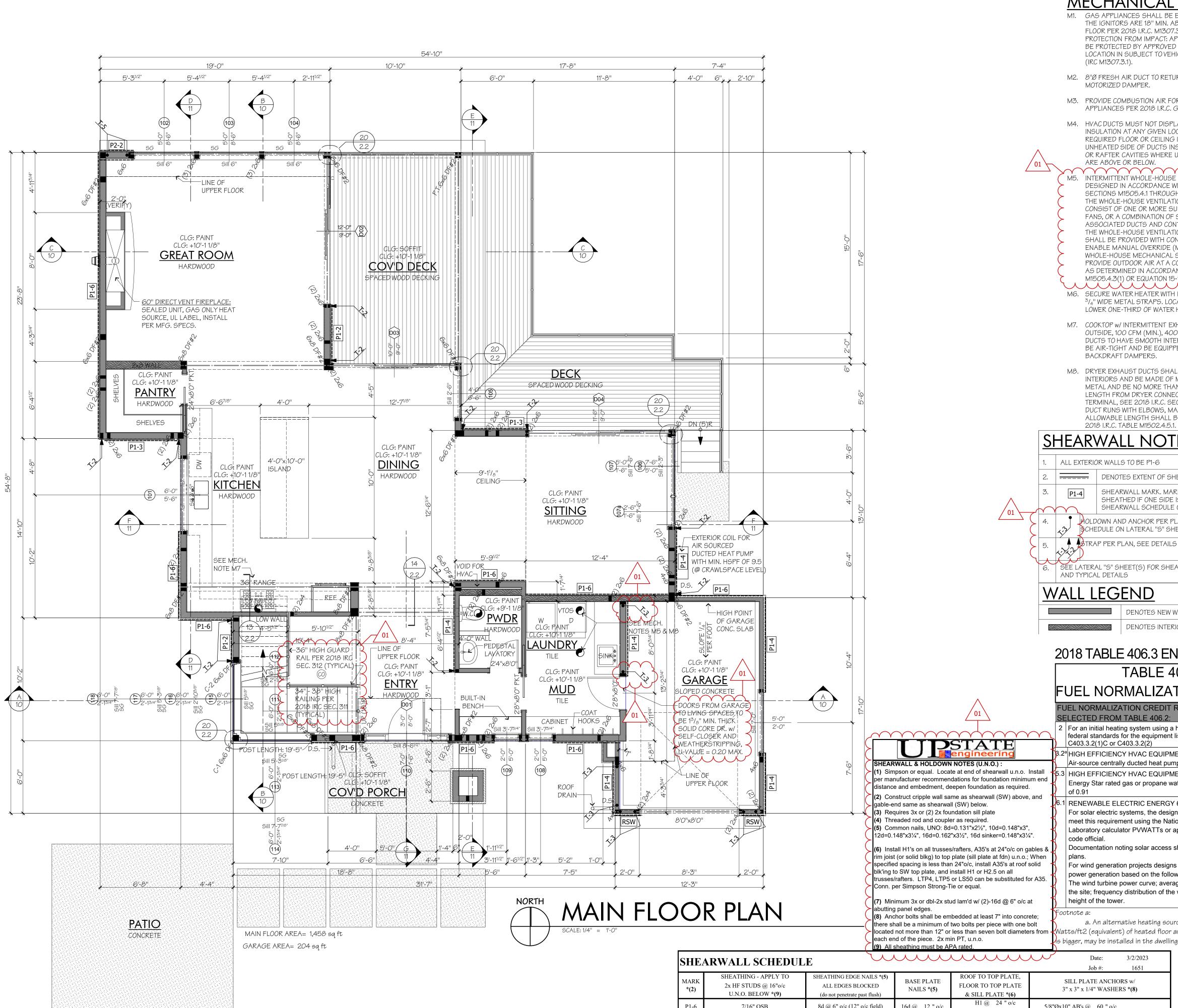
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OUNDATION/MAIN FLOOR FRAMING



SHE	ARWALL SCHEDUL	E	uu	uuu	Date: 3/2/2023 Job #: 1651
MARK *(2)	SHEATHING - APPLY TO 2x HF STUDS @ 16"o/c U.N.O. BELOW *(9)	SHEATHING EDGE NAILS *(5) ALL EDGES BLOCKED (do not penetrate past flush)	BASE PLATE NAILS *(5)	ROOF TO TOP PLATE, FLOOR TO TOP PLATE & SILL PLATE *(6)	SILL PLATE ANCHORS w/ 3" x 3" x 1/4" WASHERS *(8)
P1-6	7/16" OSB	8d @ 6" o/c (12" o/c field)	16d @ 12 " o/c	H1 @ 24 " o/c or A35 @ 24 " o/c	5/8"Øx10" AB's @ 60 " o/c
P1-4	7/16" OSB	8d @ 4" o/c (12" o/c field)	16d @ 6 " o/c	A35 @ 16 " o/c	5/8"Øx10" AB's @ 42 " o/c
P1-3	7/16" OSB *(7)	8d @ 3" o/c (12" o/c field)	16d @ 4 " o/c	A35 @ 12 " o/c	5/8"Øx10" AB's @ 36 " o/c
P1-2	7/16" OSB *(7)	8d @ 2" o/c staggered (12" o/c field)	16d @ 3 " o/c	A35 @ 8 " o/c	5/8"Øx10" AB's @ 24 " o/c *(3)
P2-2	7/16" OSB Both Sides *(7)	8d @ 2" o/c staggered (12" o/c field)	(2)-16d @ 4"o/c to dbl 2x rim / blk'g	A35 / LTP4 each side @ 10 " o/c	5/8"Øx10" AB's @ 16 " o/c *(3)
RSW	7/16" OSB	8d @ 4" o/c (12" o/c field)	16d @ 6 " o/c	A35 @ 16 " o/c	5/8"Øx10" AB's @ 42 " o/c

MECHANICAL NOTES

- M1. GAS APPLIANCES SHALL BE ELEVATED SO THAT THE IGNITORS ARE 18" MIN. ABOVE THE GARAGE FLOOR PER 2018 I.R.C. M1307.3. PROTECTION FROM IMPACT: APPLIANCES SHALL BE PROTECTED BY APPROVED BARRIERS WHEN LOCATION IN SUBJECT TO VEHICLE DAMAGE (IRC M1307.3.1).
- M2. 8"Ø FRESH AIR DUCT TO RETURN AIR PLENUM w/ MOTORIZED DAMPER.
- M3. PROVIDE COMBUSTION AIR FOR GAS APPLIANCES PER 2018 I.R.C. G2407.
- M4. HVAC DUCTS MUST NOT DISPLACE REQUIRED INSULATION AT ANY GIVEN LOCATION, PROVIDE REQUIRED FLOOR OR CEILING INSULATION ON UNHEATED SIDE OF DUCTS INSTALLED IN JOIST OR RAFTER CAVITIES WHERE UNHEATED SPACES ARE ABOVE OR BELOW.
- M5. INTERMITTENT WHOLE-HOUSE VENTILATION TO BE DESIGNED IN ACCORDANCE WITH 2018 WSRC, SECTIONS M1505.4.1 THROUGH M1505.4.4. THE WHOLE-HOUSE VENTILATION SYSTEM SHALL CONSIST OF ONE OR MORE SUPPLY OR EXHAUST FANS, OR A COMBINATION OF SUCH, AND ASSOCIATED DUCTS AND CONTROLS. THE WHOLE-HOUSE VENTILATIONS SYSTEM SHALL BE PROVIDED WITH CONTROLS THAT ENABLE MANUAL OVERRIDE (M1505.4.2). THE WHOLE-HOUSE MECHANICAL SYSTEM SHALL PROVIDE OUTDOOR AIR AT A CONTINUOUS RATE
- AS DETERMINED IN ACCORDANCE WITH TABLE M1505.4.3(1) OR EQUATION 15-1. M6. SECURE WATER HEATER WITH MIN. (2) 22 GA. x ³/₄" WIDE METAL STRAPS. LOCATE AT UPPER & LOWER ONE-THIRD OF WATER HEATER TANK.
- M7. COOKTOP w/ INTERMITTENT EXHAUST FAN TO OUTSIDE, 100 CFM (MIN.), 400 CFM (MAX.), DUCTS TO HAVE SMOOTH INTERIOR SURFACES. BE AIR-TIGHT AND BE EQUIPPED WITH BACKDRAFT DAMPERS.
- M8. DRYER EXHAUST DUCTS SHALL HAVE SMOOTH INTERIORS AND BE MADE OF MIN. 28 GAUGE METAL AND BE NO MORE THAN 35 FEET IN LENGTH FROM DRYER CONNECTION TO OUTLET TERMINAL, SEE 2018 I.R.C. SECTION M1502. FOR DUCT RUNS WITH ELBOWS, MAXIMUM ALLOWABLE LENGTH SHALL BE REDUCED PER

SHEARWALL NOTES

ALL EXTERIOR WALLS TO BE P1-6

- _____ DENOTES EXTENT OF SHEARWALL SHEARWALL MARK. MARK IS ON SIDE OF WALL TO BE SHEATHED IF ONE SIDE IS INDICATED, SEE SHEARWALL SCHEDULE ON LATERAL "S" SHEET(S) HOLDOWN AND ANCHOR PER PLAN, SEE DETAILS AND SCHEDULE ON LATERAL "S" SHEET(S)
- TRAP PER PLAN, SEE DETAILS ON LATERAL "S" SHEET(S)

DENOTES NEW WALLS

DENOTES INTERIOR BEARING WALLS

2018 TABLE 406.3 ENERGY CREDITS

TABLE 406.2

NORMALIZATION CREDI	ΓS
MALIZATION CREDIT REQUIREMENTS FROM TABLE 406.2: CRE	DIT
tial heating system using a heat pump that meets andards for the equipment listed in Table (1)C or C403.3.2(2)	1.0
FICIENCY HVAC EQUIPMENT 3.2 ^a : footnote a ecentrally ducted heat pump with min. HSPF of 9.5.	1.0
FICIENCY HVAC EQUIPMENT 5.3: tar rated gas or propane water heater with a min. UEF	1.0
BLE ELECTRIC ENERGY 6.1: electric systems, the design shall be demonstrated to requirement using the National Renewable Energy y calculator PVWATTs or approved alternate by the cial. tation noting solar access shall be included on the generation projects designs shall document annual neration based on the following factors: turbine power curve; average annual wind speed at	3.0

the site; frequency distribution of the wind speed at the site and

a. An alternative heating source sized at a maximum of 0.5 Watts/ft2 (equivalent) of heated floor area or 500 Watts, whichever

HOLDOWN /

STRAP *(1)

MSTC48B3

MSTC52

HDU4-SDS2.5

HDU8-SDS2.5

HDU14-SDS2.5

MARK

T-2

T-4

T-5

ı be	install	ed in	the	dwelli	ng	unit

MAIN FLOOR NOTES

- () PLANS SHOULD BE REVIEWED BY ALL SUBCONTRACTORS PRIOR CONSTRUCTION. IF DISCREPANCIES EXIST, PLEASE NOTIFY 4D ш ARCHITECTS OR OWNER/CONTRACTOR.
- WRITTEN DIMENSIONS TAKE PRECEDENT OVER SCALED DIMENSIONS.
- PLATE HEIGHT TO BE 10'-11/8" THIS FLOOR U.N.O. CEILING HEIGHT CALL-OUT ABOVE ROOM NAME IS FROM TOP OF SUBFLOOR TO BOTTOM OF FLOOR OR CEILING JOISTS.
- SILL HT. OF WINDOW R.O. FROM TOP OF SUBFLOOR. SEE WINDOW 4 SCHEDULE FOR HEAD HTS.
- SEE UPPER FLOOR FRAMING PLAN FOR WINDOW/DOOR HEADER SIZES.
- ALL EXTERIOR WALLS TO BE FRAMED WITH 2x6 (STUD GRADE OR BETTER). PROVIDE R-21 BATT INSULATION MINIMUM, U.N.O.
- ALL FRAME NAILING TO COMPLY WITH TABLE R602.3(1), 2018 I.R.C. BLOCK ALL APARATED SHEATHING EDGES AND NAIL WITH 10d AT 6" O.C. TYPICAL, U.N.O. ON SHEARWALL SCHEDULE. NAILING INTO PRESSURE TREATED MATERIAL SHALL BE HOT-DIP GALVANIZED PER ASTM A153.
- JOISTS UNDER AND PARALLEL TO BEARING PARTITIONS ABOVE SHALL BE DOUBLED U.N.O. PROVIDE 2X SOLID BLOCKING BELOW BEARING PARTITIONS PERPENDICULAR TO JOISTS, U.N.O. INSTALL WOOD I-JOISTS PER MFG. SPECIFICATIONS.
- PROVIDE 2X SOLID BLOCKING AT JOISTS OVER SUPPORTS. SEE MFG. SPECS. FOR WOOD I-JOISTS.
- PROVIDE FIREBLOCKING AT ALL PLUMBING PENETRATIONS AND 10 WALL/ROOF INTERSECTIONS.
- SPACES UNDER STAIRCASES USED FOR STORAGE TO BE FINISHED WITH MIN. (1) LAYER 1/2" G.W.B.
- THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NO LESS THAN 1/2" G.W.B. APPLIED TO THE GARAGE SIDE. LIVING AREAS ABOVE THE GARAGE SHALL BE SEPARATED FROM THE GARAGE WITH NO LESS THAN 5/8" TYPE "X" G.W.B. ALL SUPPORTING STRUCTURE SHALL BE PROTECTED BY NO LESS THAN 1/2" G.W.B.
- FINISH ALL CEILINGS WITH 5/8" TYPE "X" G.W.B. WHERE JOISTS ARE 13. SPACED GREATER THAN 16".
- PROVIDE 26 GA GALVANIZED SHEET METAL FLASHING ABOVE 14. WINDOWS AND DOORS, LAP BUILDING PAPER OVER.
- CONCRETE STEMWALLS TO EXTEND 8" MIN. ABOVE FINISH GRADE. 15 INSTALL SIDING 8" ABOVE FINISH GRADE.
- WINDOWS TO MEET THE ENERGY CODE REQUIREMENTS ON THE 16. COVERSHEET.
- ALL TUBS AND SHOWER STALLS: A) FIREBLOCK BETWEEN STUDS. B) LIMIT SHOWER FLOW PER COVERSHEET. C) WALLS SHALL BE WATERPROOFED TO A MIN. OF 70" ABOVE DRAIN INLET. D) ALL GLAZING FACING TUBS, SPAS, SHOWERS AND POOLS WITH THE BOTTOM EDGE WITHIN 60" VERTICALLY OF ANY WALKING OR STANDING SURFACE SHALL BE SAFETY GLAZING, UNLESS IT IS MORE THAN 60" AWAY HORIZONTALLY.
- ENGINEERED LUMBER SPECIFIED SHALL MEET OR EXCEED THE DESIGN STRESS VALUES INDICATED ON THE COVERSHEET. INSTALL PER MFG. RECOMMENDATIONS. THESE DRAWINGS ONLY SHOW SIZE, SPAN, AND SPACING.
- 19. DIRECT VENT FIREPLACE: GAS ONLY HEAT SOURCE. UL LABEL INSTALL PER MFR. SPECIFICATIONS.
- SEE LATERAL "S" SHEET(S) FOR SHEARWALL NOTES, SCHEDULE, 20. PROVIDE ELECTRIC ILLUMINATION AT OUTSIDE DOORS SWITCHED FROM INSIDE.
 - PROVIDE ELECTRIC ILLUMINATION AT ALL STAIRWAYS, INCLUDING LANDINGS, SWITCHED AT EACH FLOOR LEVEL.
 - HVAC DUCTS MUST NOT DISPLACE REQUIRED INSULATION AT ANY 22. GIVEN LOCATION. PROVIDE REQUIRED FLOOR OR CEILING INSULATION ON UNHEATED SIDE OF DUCTS INSTALLED IN JOIST OR RAFTER CAVITIES WHERE UNHEATED SPACES ARE ABOVE OR BELOW.
 - DOORS FROM GARAGE TO LIVING SPACES TO BE $1^{3}/_{8}$ " MIN. THICK SOLID CORE DR. W/ SELF-CLOSER AND WEATHERSTRIPPING, U-VALUE = 0.20 MAX.

<u>LEGEND</u>

18

SYMBOL DESCRIPTION

- DENOTES POSTING UNDER CONCENTRATED LOADS. PROVIDE POSTING THE WIDTH OF STUD WALL X BEAM WIDTH WITH EITHER SOLID WOOD POST OR MULTIPLE 2X STUDS, TYPICAL IINO.
- SMOKE DETECTOR POWERED BY BUILDING WIRING W/ (SD) BATTERY BACK-UP. DETECTORS TO BE INTERCONNECTED SO ANY ONE UNIT WILL ACTIVATE ALL OTHER UNITS CARBON MONOXIDE DETECTOR, HARD-WIRED w/ BATTERY BACK-UP PER I.R.C. SECTION R315 COMBINATION SMOKE & CARBON MONOXIDE DETECTOR, 610 HARD-WIRED w/ BATTERY BACK-UP PER I.R.C. SECTION R314-HEAT DETECTOR OR ALARM RATED FOR AMBIENT OUTDOOR HD TEMPERATURES TO BE CENTRALLY LOCATED IN GARAGE PER R314.2.3 \bigcirc 50 CFM INTERMITTENT EXHAUST FANVENTED TO OUTSIDE (101) WINDOW MARKER, SEE WINDOW SCHEDULE D01 EXTERIOR DOOR MARKER, SEE DOOR SCHEDULE

(SK1) SKYLIGHT MARKER, SEE WINDOW SCHEDULE 3/2/2023 **HOLDOWN SCHEDULE** Date: Ioh #∙ FASTENERS TO FOUNDATION COMMENTS (2)-STUDS MIN U.N.O ANCHOR *(1)(4) d NAILS - (12) FACE, TO BEAM/HDR/DBL JS N/A BTM. (38) FRAMING BELOW PER PLAN (24) - 16d sinkers to each N/A connected element (10) - SDS 0.25x2.5 SSTB24 WOOD SCREWS (20) - SDS 0.25x2.5 MIN. DF#2 4X POST SSTB28

PAB8 W/ 11" MIN

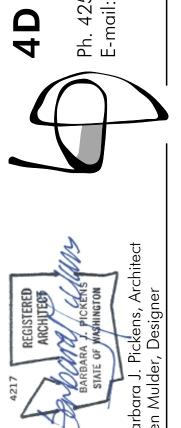
EMBEDMENT

WOOD SCREWS (36) - SDS 0.25x2.5

WOOD SCREWS

1651

MIN 6x6 POST



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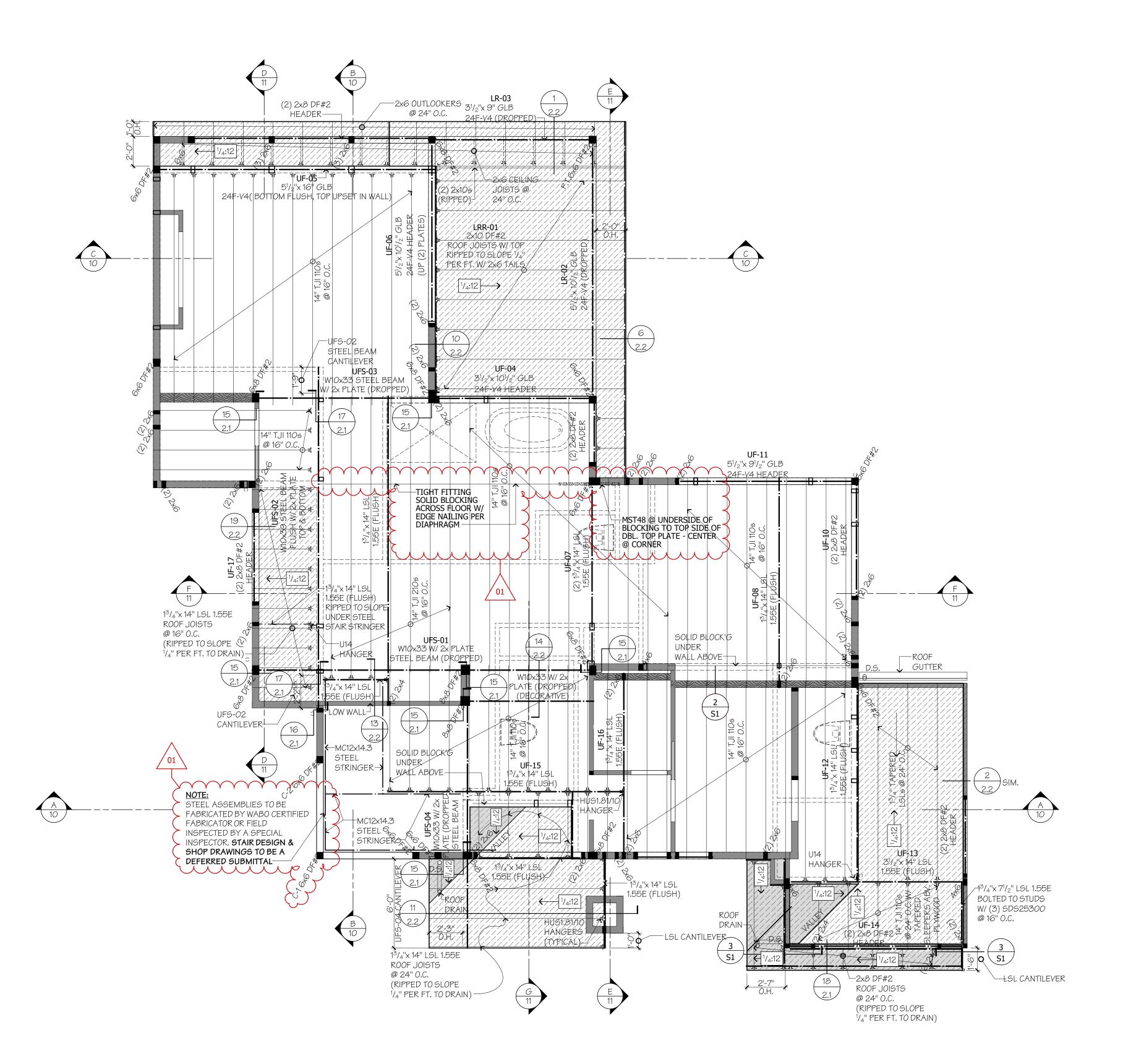
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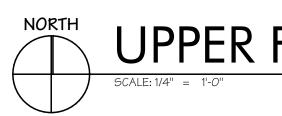
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UPPER FLOOR/LOWER ROOF FRAMING

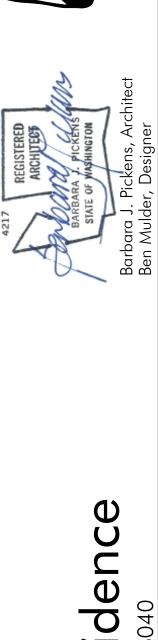
NOTE: ALL ROOF AREAS ARE NON-VENTED

TS UPPER FLOOR FRMG. NOTES

- 1. PLANS SHOULD BE REVIEWED BY ALL SUBCONTRACTORS PRIOR TO STARTING CONSTRUCTION. IF DISCREPANCIES EXIST, PLEASE NOTIFY 4D ARCHITECTS, INC. OR OWNER/CONTRACTOR.
- WRITTEN DIMENSIONS TAKE PRECEDENT OVER SCALED DIMENSIONS.
- 3. ALL HEADERS TO BE (2)2x8, TYPICAL, U.N.O. NAIL TOGETHER W/ 16d @ 16" O.C. TOP AND BOTTOM STAGGERED.
- 4. ALL EXTERIOR WALLS TO BE FRAMED WITH 2x6 (STUD GRADE OR BETTER). PROVIDE R-21 BATT INSULATION MINIMUM, U.N.O.
- 5. ALL FRAME NAILING TO COMPLY WITH TABLE R602.3(1), 2018 I.R.C. BLOCK ALL APARATED SHEATHING EDGES AND NAIL WITH 10d AT 6" O.C. TYPICAL, U.N.O. ON SHEARWALL SCHEDULE. NAILING INTO PRESSURE TREATED MATERIAL SHALL BE HOT-DIP GALVANIZED PER ASTM A153.
- JOISTS UNDER AND PARALLEL TO BEARING PARTITIONS ABOVE SHALL BE DOUBLED U.N.O. PROVIDE 2X SOLID BLOCKING BELOW BEARING PARTITIONS PERPENDICULAR TO JOISTS, U.N.O. INSTALL WOOD I-JOISTS PER MFG. SPECIFICATIONS.
- 7. PROVIDE 2X SOLID BLOCKING AT JOISTS OVER SUPPORTS. SEE MFG. SPECS. FOR WOOD I-JOISTS.
- PROVIDE FIREBLOCKING AT ALL PLUMBING PENETRATIONS AND 8. WALL/ROOF INTERSECTIONS.
- METAL FRAMING CONNECTORS SPECIFIED ARE MANUFACTURED BY THE SIMPSON COMPANY. SEE LATEST CATALOG EDITION. INSTALL PER SPECIFICATIONS. USE ONLY EQUIVALENT SUBSTITUTIONS.
- 10. ALL METAL CONNECTORS SUPPORTED BY PRESSURE TREATED MATERIAL SHALL BE "ZMAX" (G185 HDG PER ASTM A653) OR EQUIVALENT AND FASTENERS PER ASTM A153.
- 11. ALL CONCEALED VOIDS TO BE FIREBLOCKED PER SECTION R302.11, 2018 I.R.C. AND DRAFT STOPPED PER SECTION R302.12, 2018 I.R.C.
- 12. ENGINEERED LUMBER SPECIFIED SHALL MEET OR EXCEED THE DESIGN STRESS VALUES INDICATED ON THE COVERSHEET. INSTALL PER MFG. RECOMMENDATIONS. THESE DRAWINGS ONLY SHOW SIZE, SPAN, AND SPACING.
- 13. HVAC DUCTS MUST NOT DISPLACE REQUIRED INSULATION AT ANY GIVEN LOCATION, PROVIDE REQUIRED FLOOR OR CEILING INSULATION ON UNHEATED SIDE OF DUCTS INSTALLED IN JOIST OR RAFTER CAVITIES WHERE UNHEATED SPACES ARE ABOVE OR BELOW.

<u>LEGEND</u>

	DENOTES INTERIOR BEARING WALLS BELOW
	DENOTES WALLS BELOW
[]	DENOTES WALLS ABOVE
	DENOTES OVER-FRAMING ABOVE ROOF FRAMING BELOW
	DENOTES ROOF FRAMING (OR ROOF DECK)
	DENOTES BEAMS, HEADERS, OR TRUSSES
UF:00	DENOTES BEAM LABEL. SEE BEAM CALCULATIONS
	DENOTES POSTING IN WALLS BELOW UNDER CONCENTRATED LOADS. PROVIDE POSTING THE WIDTH OF STUD WALL X BEAM WIDTH WITH EITHER SOLID WOOD POST OR MULTIPLE 2X STUDS, U.N.O.
	DENOTES CONCENTRATED LOAD FROM ABOVE. PROVIDE SOLID BLOCKING AS REQUIRED



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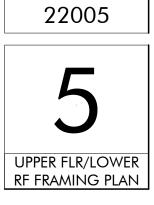
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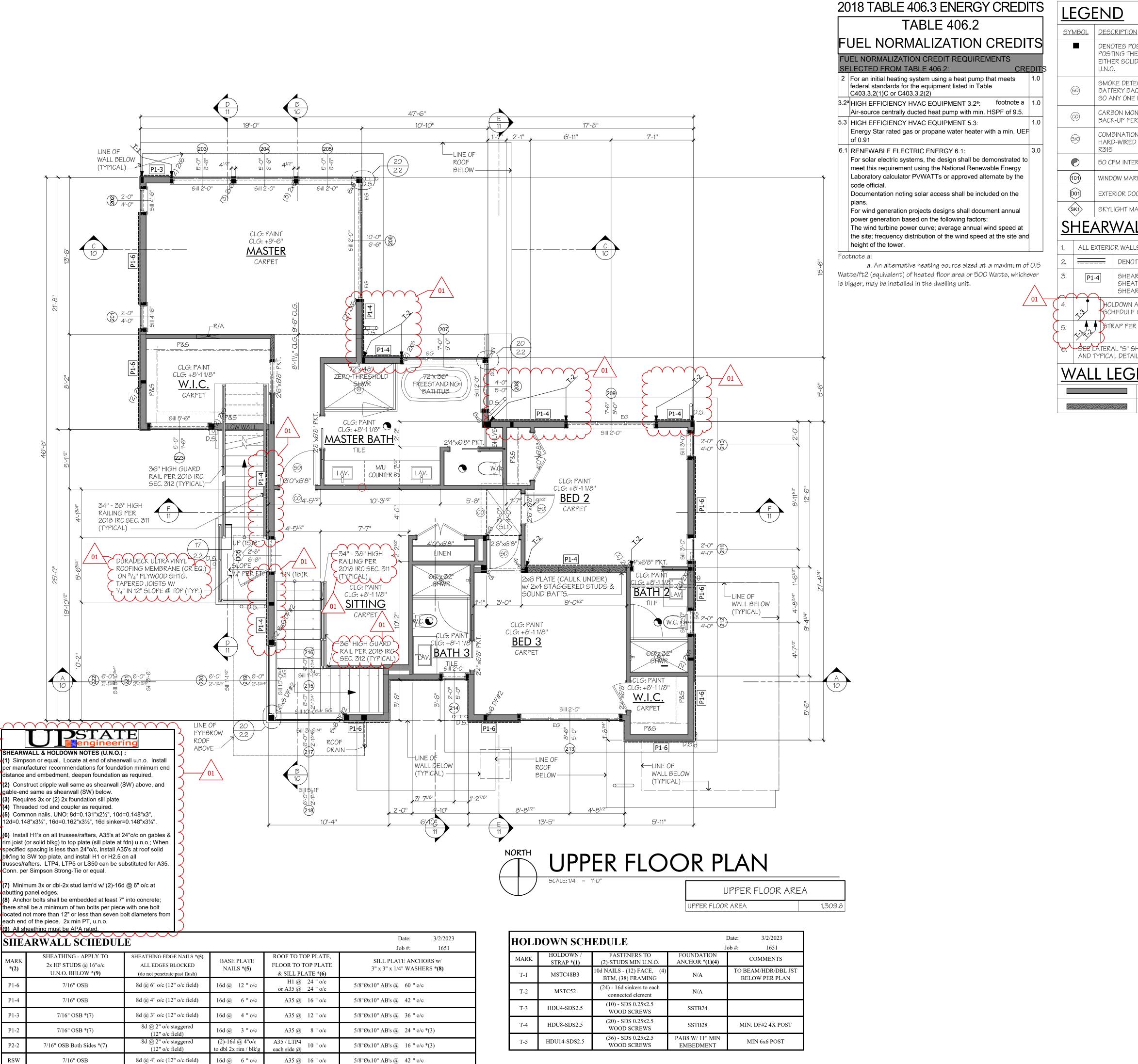
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OLI	DOWN SCH		Date: Job #:	3/2/2023 1651	
IARK	HOLDOWN / STRAP *(1)	FASTENERS TO (2)-STUDS MIN U.N.O.	FOUNDATION ANCHOR *(1)(4)		COMMENTS
T-1	MSTC48B3	10d NAILS - (12) FACE, (4) BTM, (38) FRAMING	N/A		BEAM/HDR/DBL JST ELOW PER PLAN
T-2	MSTC52	(24) - 16d sinkers to each connected element	N/A		
T-3	HDU4-SDS2.5	(10) - SDS 0.25x2.5 WOOD SCREWS	SSTB24		
T-4	HDU8-SDS2.5	(20) - SDS 0.25x2.5 WOOD SCREWS	SSTB28	M	N. DF#2 4X POST
T-5	HDU14-SDS2.5	(36) - SDS 0.25x2.5 WOOD SCREWS	PAB8 W/ 11" MIN EMBEDMENT		MIN 6x6 POST

DENOTES POSTING UNDER CONCENTRATED LOADS. PROVIDE POSTING THE WIDTH OF STUD WALL X BEAM WIDTH WITH EITHER SOLID WOOD POST OR MULTIPLE 2X STUDS, TYPICAL, IIN C

.N. <i>O</i> .					
MOKE DETECTOR POWERED BY BUILDING WIRING W/ ATTERY BACK-UP. DETECTORS TO BE INTERCONNECT O ANY ONE UNIT WILL ACTIVATE ALL OTHER UNITS					
ARBON MONOXIDE DETECTOR, HARD-WIRED w/ BATT ACK-UP PER I.R.C. SECTION R315	ERY				
OMBINATION SMOKE & CARBON MONOXIDE DETECTOR, ARD-WIRED w/ BATTERY BACK-UP PER I.R.C. SECTION R314 315					
O CFM INTERMITTENT EXHAUST FAN VENTED TO OUTS	SIDE				
/INDOW MARKER, SEE WINDOW SCHEDULE					
XTERIOR DOOR MARKER, SEE DOOR SCHEDULE					
KYLIGHT MARKER, SEE WINDOW SCHEDULE					
RWALL NOTES					
ERIOR WALLS TO BE P1-6					
DENOTES EXTENT OF SHEARWALL					
SHEARWALL MARK. MARK IS ON SIDE OF WALL SHEATHED IF ONE SIDE IS INDICATED, SEE SHEARWALL SCHEDULE ON LATERAL "S" SHEE					
HOLDOWN AND ANCHOR PER PLAN, SEE DETAILS AN SCHEDULE ON LATERAL "S" SHEET(S)	١D				
STRAP PER PLAN, SEE DETAILS ON LATERAL "S" SH	EET(S				
ERAL "S" SHEET(S) FOR SHEARWALL NOTES, SCHEI PICAL DETAILS	OULE,				

LEGEND					
	DENOTES NEW WALLS				
DENOTES INTERIOR BEARING WALLS					

UPPER FLOOR NOTES

PLANS SHOULD BE REVIEWED BY ALL SUBCONTRACTORS PRIOR TO CONSTRUCTION. IF DISCREPANCIES EXIST, PLEASE NOTIFY 4D ARCHITECTS, INC. OR OWNER/CONTRACTOR.

WRITTEN DIMENSIONS TAKE PRECEDENT OVER SCALED DIMENSIONS.

PLATE HEIGHT TO BE 8'-11/8" THIS FLOOR U.N.O. CEILING HEIGHT CALL-OUT ABOVE ROOM NAME IS FROM TOP OF SUBFLOOR TO BOTTOM OF FLOOR OR CEILING JOISTS.

SILL HT. OF WINDOW R.O. FROM TOP OF SUBFLOOR. SEE WINDOW SCHEDULE FOR HEAD HTS.

SEE ROOF FRAMING PLAN FOR WINDOW/DOOR HEADER SIZES.

ALL EXTERIOR WALLS TO BE FRAMED WITH 2x6 (STUD GRADE OR BETTER). PROVIDE R-21 BATT INSULATION MINIMUM, U.N.O.

ALL FRAME NAILING TO COMPLY WITH TABLE R602.3(1), 2018 I.R.C. BLOCK ALL APA RATED SHEATHING EDGES AND NAIL WITH 10d AT 6" O.C. TYPICAL, U.N.O. ON SHEARWALL SCHEDULE. NAILING INTO PRESSURE TREATED MATERIAL SHALL BE HOT-DIP GALVANIZED PER ASTM A153.

JOISTS UNDER AND PARALLEL TO BEARING PARTITIONS ABOVE SHALL BE DOUBLED U.N.O. PROVIDE 2X SOLID BLOCKING BELOW BEARING PARTITIONS PERPENDICULAR TO JOISTS, U.N.O. INSTALL WOOD I-JOISTS PER MFG. SPECIFICATIONS.

PROVIDE 2X SOLID BLOCKING AT JOISTS OVER SUPPORTS. SEE MFG. SPECS. FOR WOOD I-JOISTS.

PROVIDE FIREBLOCKING AT ALL PLUMBING PENETRATIONS AND WALL/ROOF INTERSECTIONS.

SPACES UNDER STAIR CASES USED FOR STORAGE TO BE FINISHED WITH MIN. (1) LAYER $1/2^{"}$ G.W.B.

THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NO LESS THAN 1/2" G.W.B. APPLIED TO THE GARAGE SIDE, LIVING AREAS ABOVE THE GARAGE SHALL BE SEPARATED FROM THE GARAGE WITH NO LESS THAN 5/8" TYPE "X" G.W.B. ALL SUPPORTING STRUCTURE SHALL BE PROTECTED BY NO LESS THAN 1/2" G.W.B.

FINISH ALL CEILINGS WITH ⁵/₈" TYPE "X" G.W.B. WHERE JOISTS ARE SPACED GREATER THAN 16".

PROVIDE 26 GA GALVANIZED SHEET METAL FLASHING ABOVE WINDOWS AND DOORS, LAP BUILDING PAPER OVER.

INSTALL SIDING 8" ABOVE FINISH GRADE.

17.

WINDOWS TO MEET THE ENERGY CODE REQUIREMENTS ON THE COVERSHEET.

- ALL CONCEALED VOIDS TO BE FIREBLOCKED PER SECTION R302.11, 2018 I.R.C. AND DRAFT STOPPED PER SECTION R302.12, 2018 I.R.C.
- 18. ALL TUBS AND SHOWER STALLS: A) FIREBLOCK BETWEEN STUDS. B) LIMIT SHOWER FLOW PER COVERSHEET. C) WALLS SHALL BE WATERPROOFED TO A MIN. OF 70" ABOVE DRAIN INLET. D) ALL GLAZING FACING TUBS, SPAS, SHOWERS AND POOLS WITH THE BOTTOM EDGE WITHIN 60" VERTICALLY OF ANY WALKING OR STANDING SURFACE SHALL BE SAFETY GLAZING, UNLESS IT IS MORE THAN 60" AWAY HORIZONTALLY.
- ENGINEERED LUMBER SPECIFIED SHALL MEET OR EXCEED THE 19. DESIGN STRESS VALUES INDICATED ON THE COVERSHEET. INSTALL PER MFG. RECOMMENDATIONS. THESE DRAWINGS ONLY SHOW SIZE, SPAN, AND SPACING.
- 20. DIRECT VENT FIREPLACE: GAS ONLY HEAT SOURCE. UL LABEL. INSTALL PER MFR. SPECIFICATIONS.
- 21. PROVIDE ELECTRIC ILLUMINATION AT OUTSIDE DOORS SWITCHED FROM INSIDE.
- PROVIDE ELECTRIC ILLUMINATION AT ALL STAIRWAYS, INCLUDING 22. LANDINGS, SWITCHED AT EACH FLOOR LEVEL.
- HVAC DUCTS MUST NOT DISPLACE REQUIRED INSULATION AT ANY 23. GIVEN LOCATION, PROVIDE REQUIRED FLOOR OR CEILING INSULATION ON UNHEATED SIDE OF DUCTS INSTALLED IN JOIST OR RAFTER CAVITIES WHERE UNHEATED SPACES ARE ABOVE OR BELOW.





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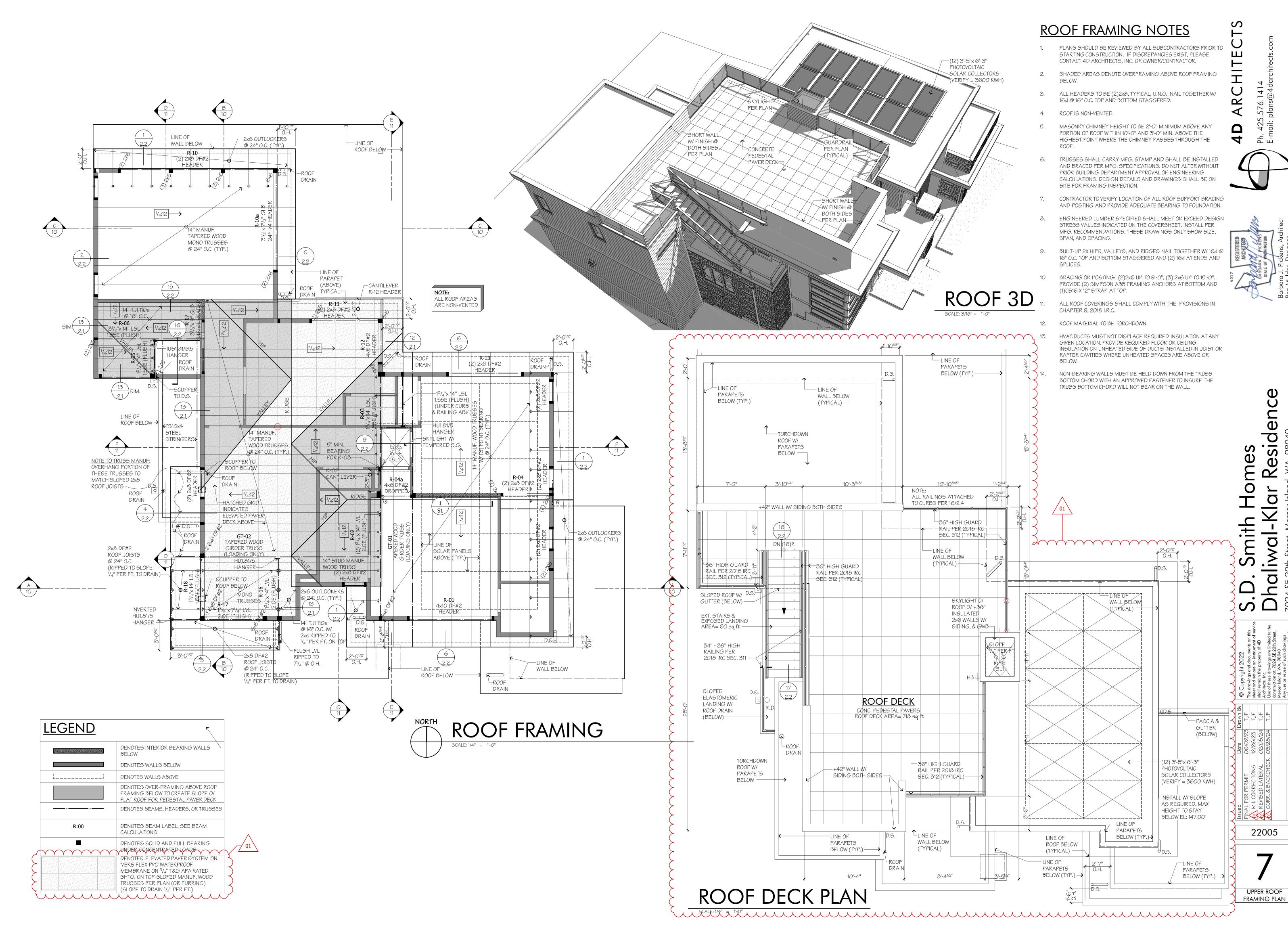
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UPPER FLOOR PLAN

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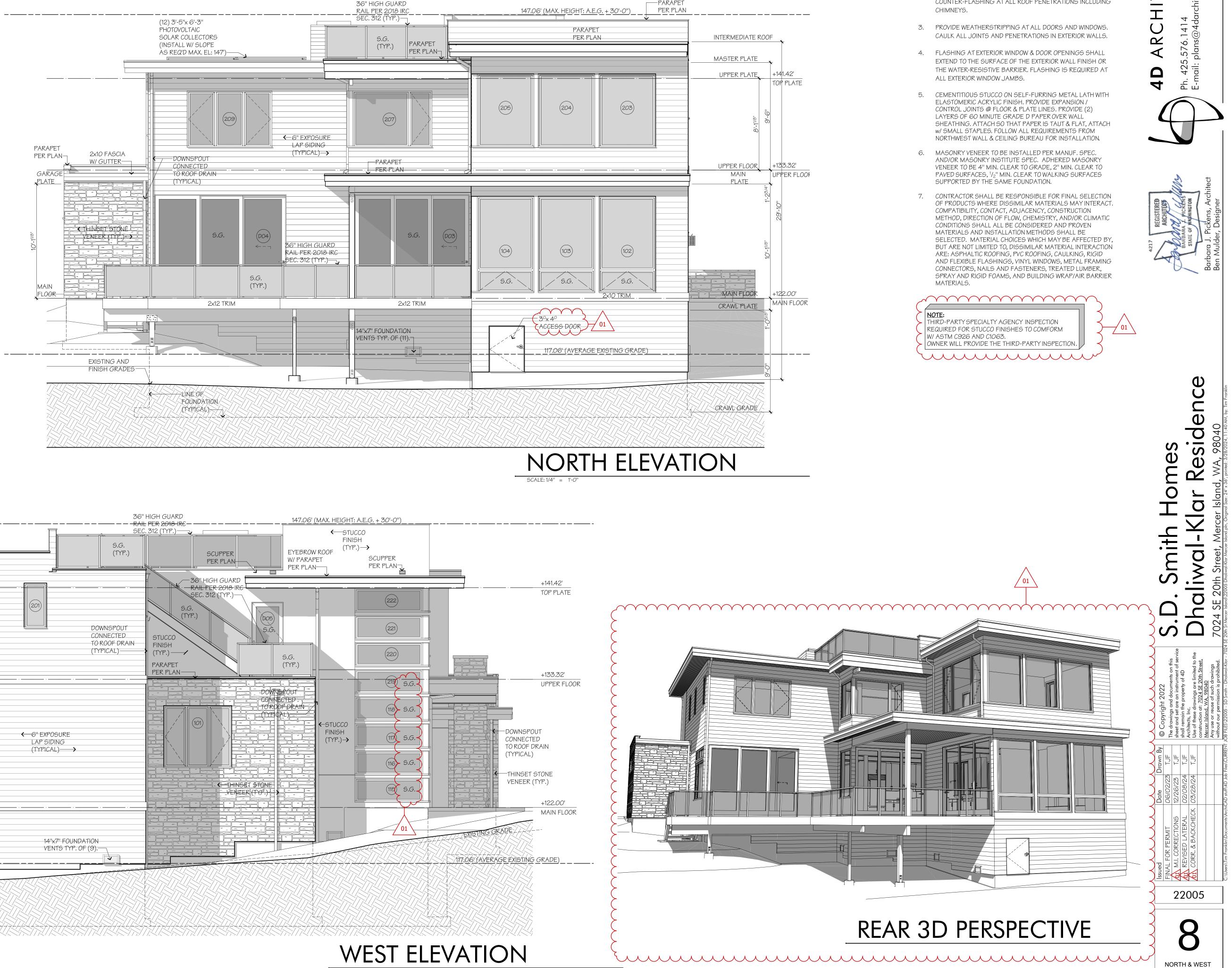
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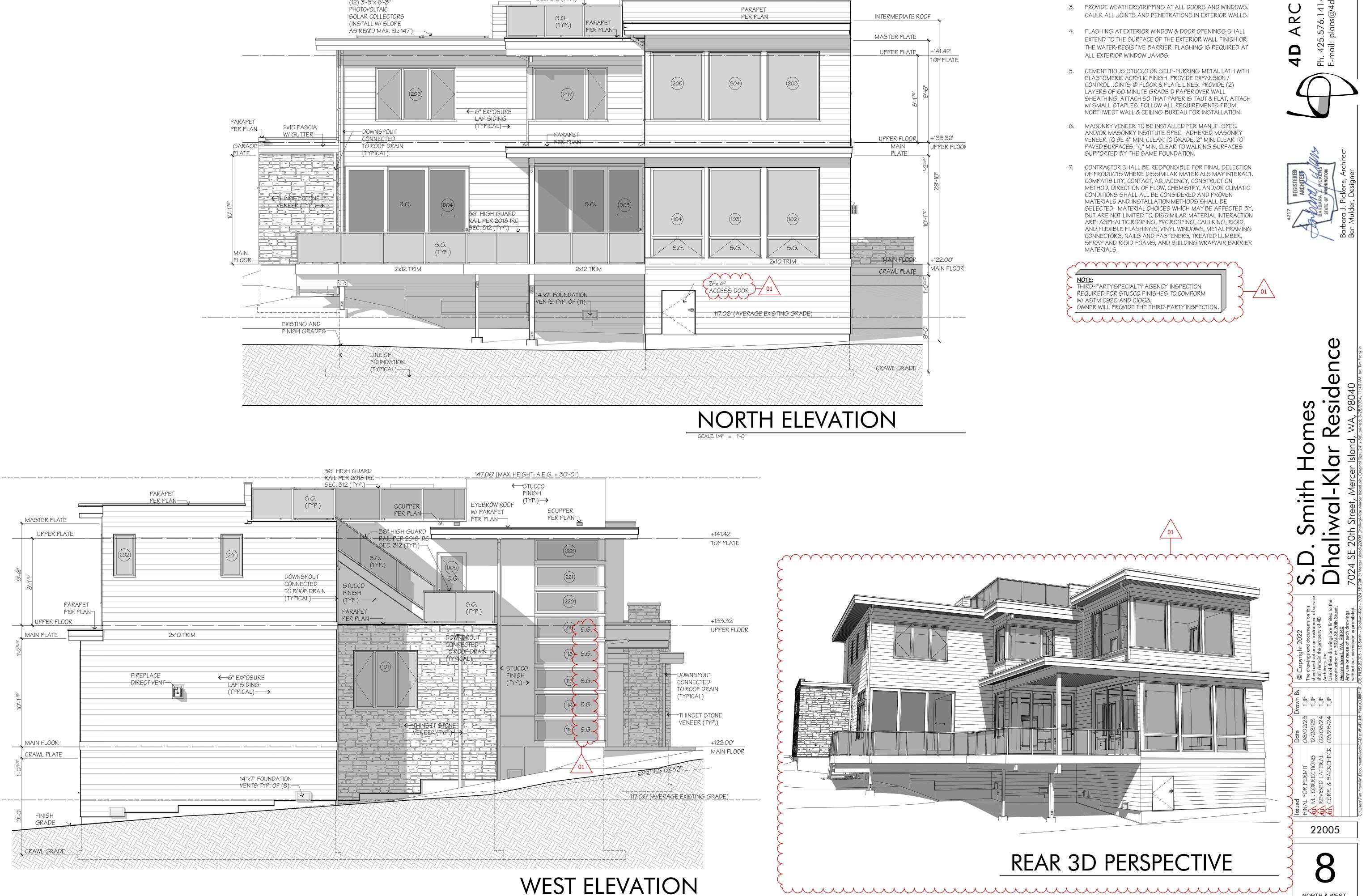
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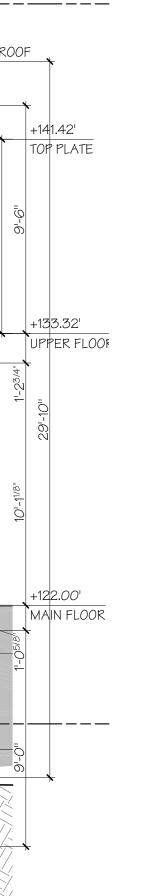
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----PARAPET



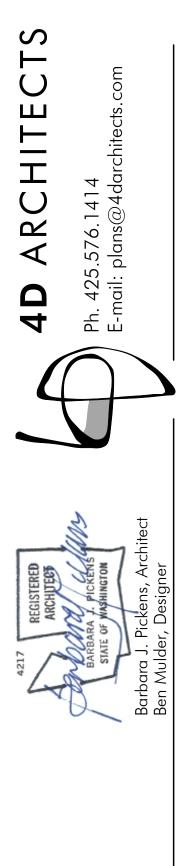
SCALE: 1/4" = 1'-0"



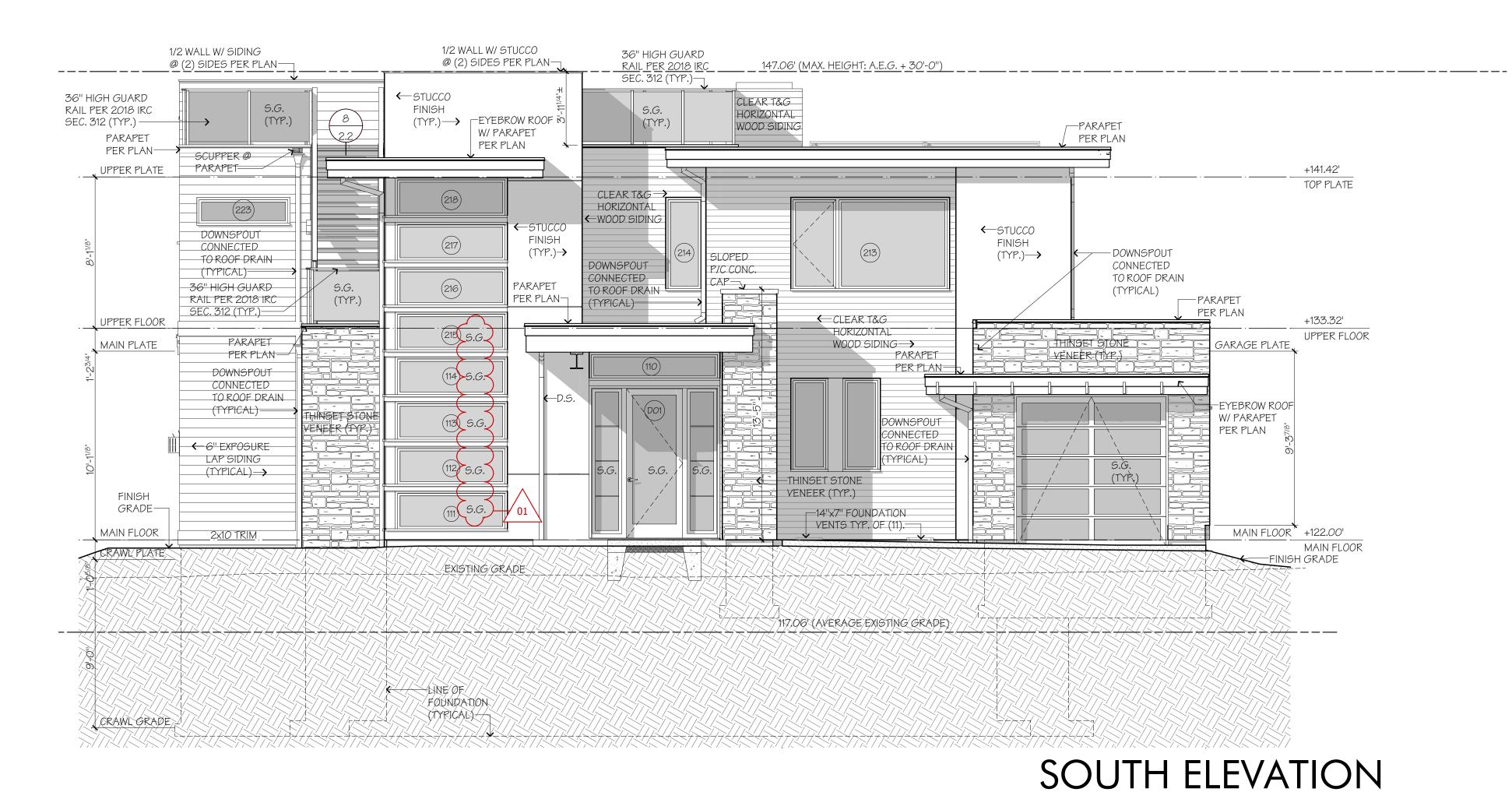
GENERAL NOTES

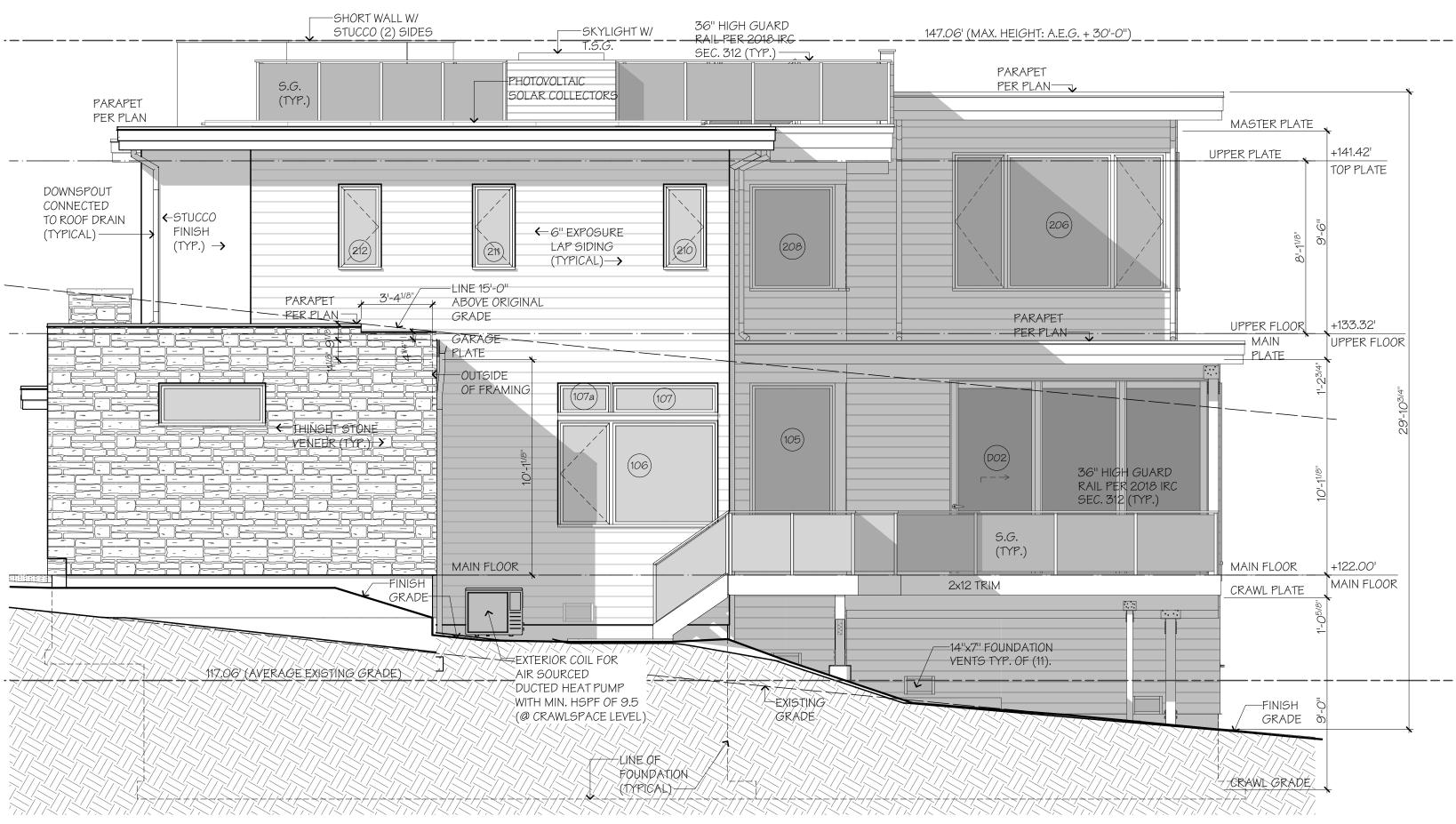
- 1. PROVIDE ROOF DRAINS TO DOWNSPOUTS PER PLAN, TYPICAL.
- 2. PROVIDE GALVANIZED SHEET METAL FLASHING AND COUNTER-FLASHING AT ALL ROOF PENETRATIONS INCLUDING CHIMNEYS.





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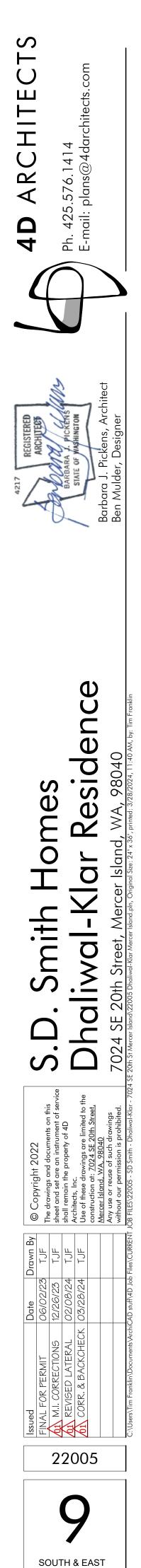


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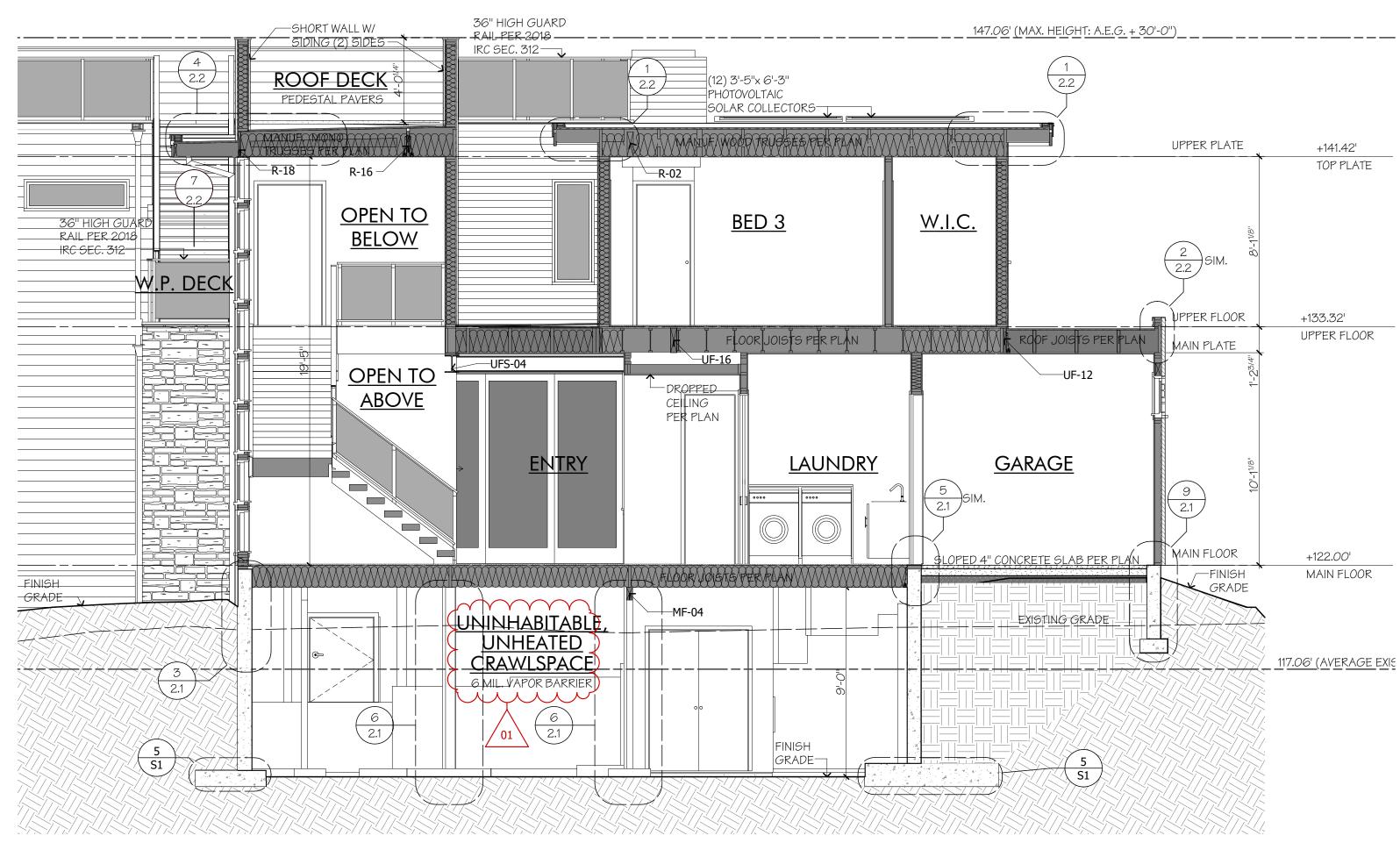
<u>GENERAL NOTES</u>

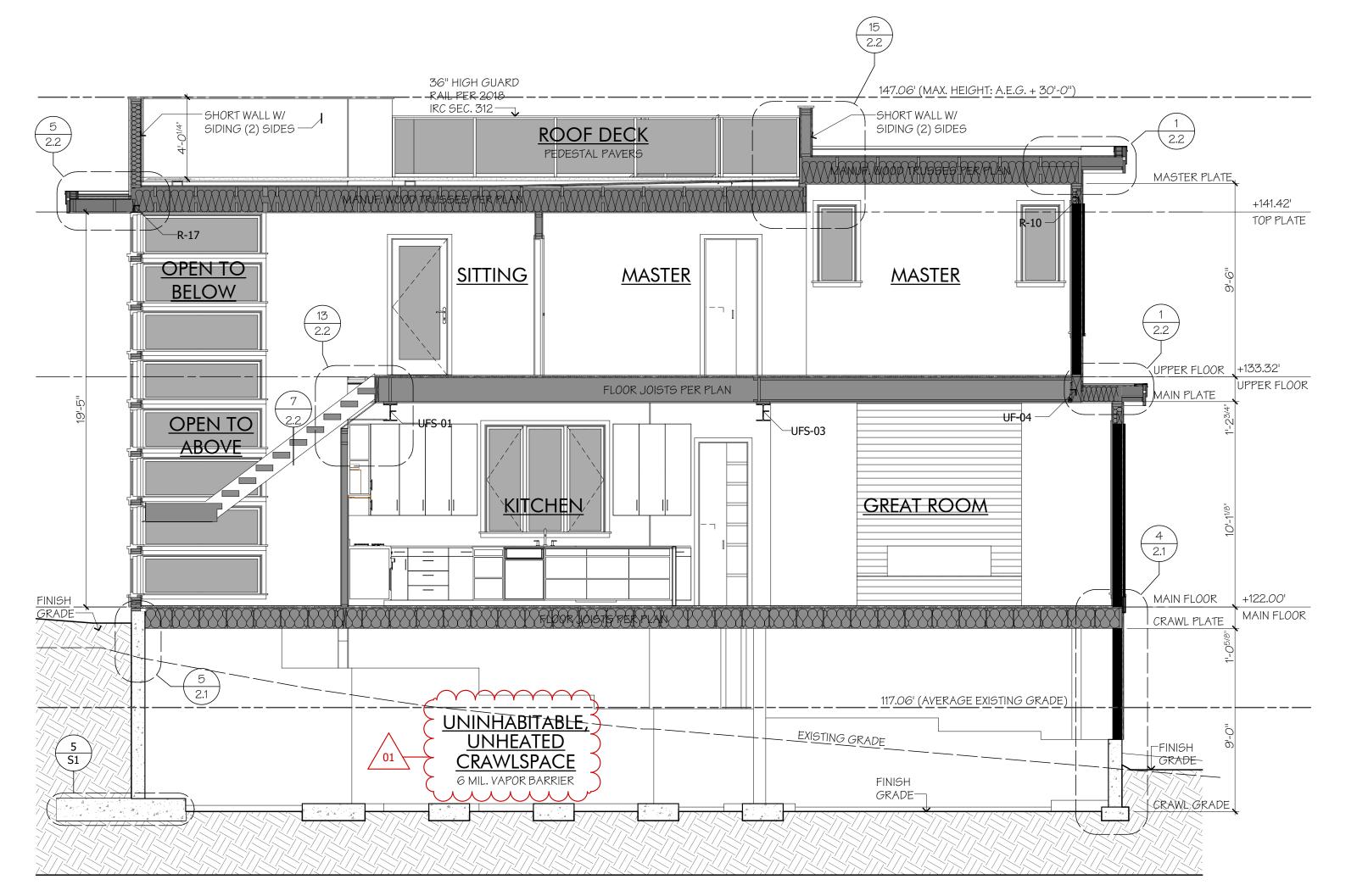
- 1. PROVIDE ROOF DRAINS TO DOWNSPOUTS PER PLAN, TYPICAL.
- 2. PROVIDE GALVANIZED SHEET METAL FLASHING AND COUNTER-FLASHING AT ALL ROOF PENETRATIONS INCLUDING CHIMNEYS.
- 3. PROVIDE WEATHERSTRIPPING AT ALL DOORS AND WINDOWS. CAULK ALL JOINTS AND PENETRATIONS IN EXTERIOR WALLS.
- 4. FLASHING AT EXTERIOR WINDOW & DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR THE WATER-RESISTIVE BARRIER. FLASHING IS REQUIRED AT ALL EXTERIOR WINDOW JAMBS.
- 5. CEMENTITIOUS STUCCO ON SELF-FURRING METAL LATH WITH ELASTOMERIC ACRYLIC FINISH. PROVIDE EXPANSION / CONTROL JOINTS @ FLOOR & PLATE LINES. PROVIDE (2) LAYERS OF 60 MINUTE GRADE D PAPER OVER WALL SHEATHING. ATTACH SO THAT PAPER IS TAUT & FLAT, ATTACH w/ SMALL STAPLES. FOLLOW ALL REQUIREMENTS FROM NORTHWEST WALL & CEILING BUREAU FOR INSTALLATION.
- 6. MASONRY VENEER TO BE INSTALLED PER MANUF. SPEC. AND/OR MASONRY INSTITUTE SPEC. ADHERED MASONRY VENEER TO BE 4" MIN. CLEAR TO GRADE, 2" MIN. CLEAR TO PAVED SURFACES, 1/2" MIN. CLEAR TO WALKING SURFACES SUPPORTED BY THE SAME FOUNDATION.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SELECTION OF PRODUCTS WHERE DISSIMILAR MATERIALS MAY INTERACT. COMPATIBILITY, CONTACT, ADJACENCY, CONSTRUCTION METHOD, DIRECTION OF FLOW, CHEMISTRY, AND/OR CLIMATIC CONDITIONS SHALL ALL BE CONSIDERED AND PROVEN MATERIALS AND INSTALLATION METHODS SHALL BE SELECTED. MATERIAL CHOICES WHICH MAY BE AFFECTED BY, BUT ARE NOT LIMITED TO, DISSIMILAR MATERIAL INTERACTION ARE: ASPHALTIC ROOFING, PVC ROOFING, CAULKING, RIGID AND FLEXIBLE FLASHINGS, VINYL WINDOWS, METAL FRAMING CONNECTORS, NAILS AND FASTENERS, TREATED LUMBER, SPRAY AND RIGID FOAMS, AND BUILDING WRAP/AIR BARRIER MATERIALS.

NOTE: THIRD-PARTY SPECIALTY AGENCY INSPECTION REQUIRED FOR STUCCO FINISHES TO COMFORM W/ ASTM C926 AND C1063. OWNER WILL PROVIDE THE THIRD-PARTY INSPECTION.



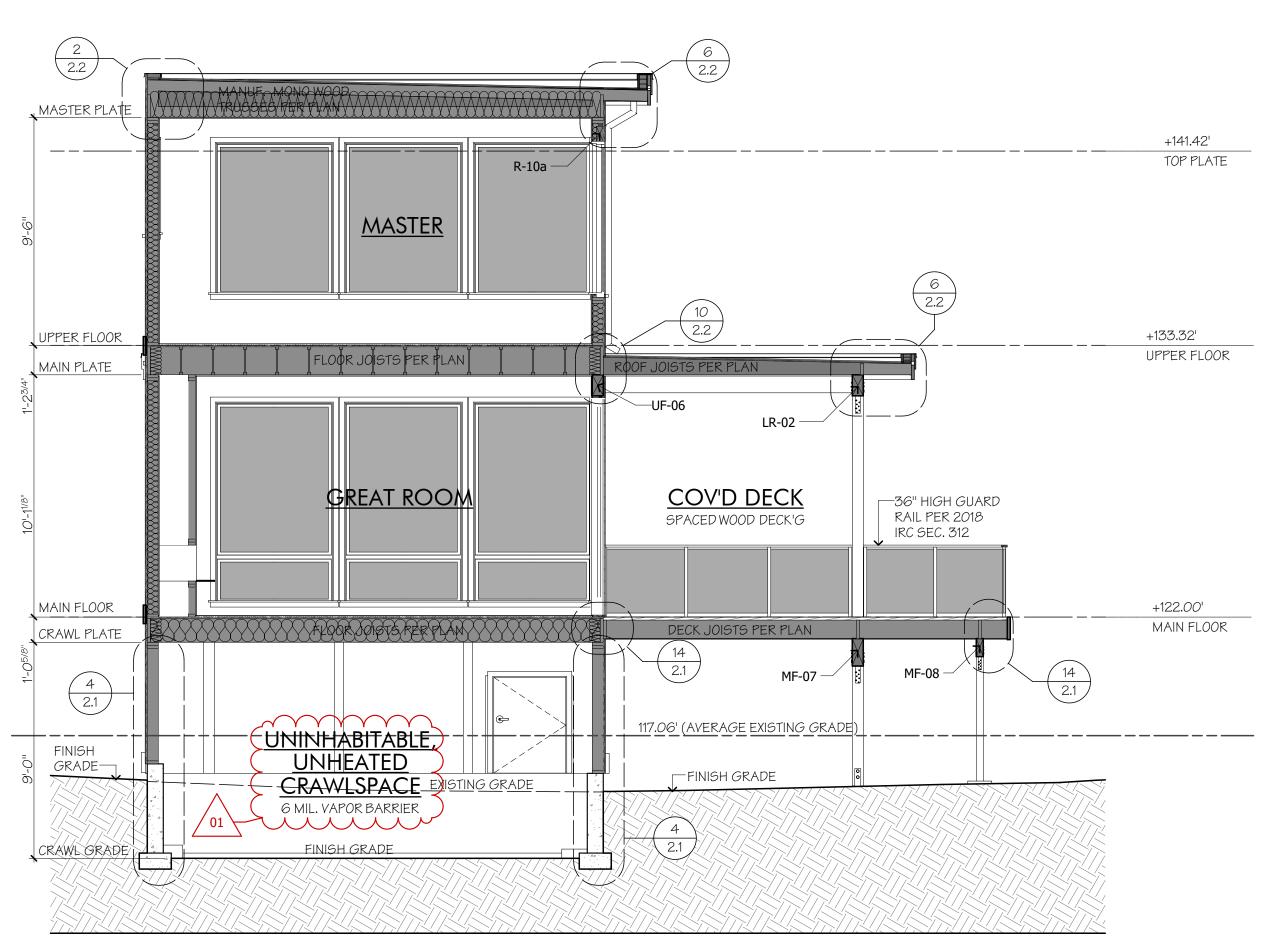
ELEVATIONS











+141.42'

+133.32'

UPPER FLOOR

+122.00'

MAIN FLOOR

TOP PLATE

ROOF CONSTRUCTION

- 1. SINGLE PLY MODIFIED BITUMEN TORCHDOWN.
- 2. ROOFING FELT PER TORCHDOWN MANUFACTURER.
- 3. APA RATED ROOF SHEATHING. SEE STRUCTURAL SHEETS.
- 4. RAFTERS, TRUSSES & CEILING JOISTS PER PLANS.
- 5. INSULATION SHALL BE: a.) R-38 BLOWN-IN CELLULOSE AT ADVANCED FRAMED ROOFS
- (TALL-HEEL TRUSSES, SEE DETAILS). b.) 2¹/₂" CLOSED-CELL "AIR-IMPERMEABLE" SPRAY APPLIED INSULATION AT RAFTERS, APPLY DIRECTLY TO UNDERSIDE OF ROOF SHEATHING, NO VOIDS ABOVE INSULATION. THIS IS THE VAPOR RETARDER. ADD BATT INSULATION AS NEEDED TO REACH R-38 AT SINGLE RAFTER CEILINGS OR R-49 AT WARM ATTICS AND AREAS WITH DROPPED CEILINGS.
- 6. 5/8" GYPSUM WALL BOARD CEILING

c.) R-49 BLOWN-IN AT OTHER ROOF AREAS

WALL CONSTRUCTION 1. FINISH WALL MATERIALS PER ELEVATIONS.

- 2. 60 MINUTE TYPE 'D' BUILDING PAPER MINIMUM (WATER RESISTIVE BARRIER). SEE DETAILS.
- 3. APA RATED WALL SHEATHING. SEE STRUCTURAL SHEETS.
- 4. 2x6 STUDS 16" O.C., TYPICAL UNLESS NOTED OTHERWISE.
- 5. MIN. R-21 BATT INSULATION, CLASS II VAPOR RETARDER PER 2018 IRC 702.7, KRAFT FACED BATT INSULATION.
- 6. 1/2" GYPSUM WALL BOARD.

FLOOR CONSTRUCTION 1. FINISH FLOOR PER PLAN.

- 2. 3/4" TONGUE & GROOVE APA RATED FLOOR SHEATHING, GLUED & NAILED.
- 3. FLOOR JOISTS PER PLAN.
- 4. R-30 BATT INSULATION OVER UNHEATED SPACE.



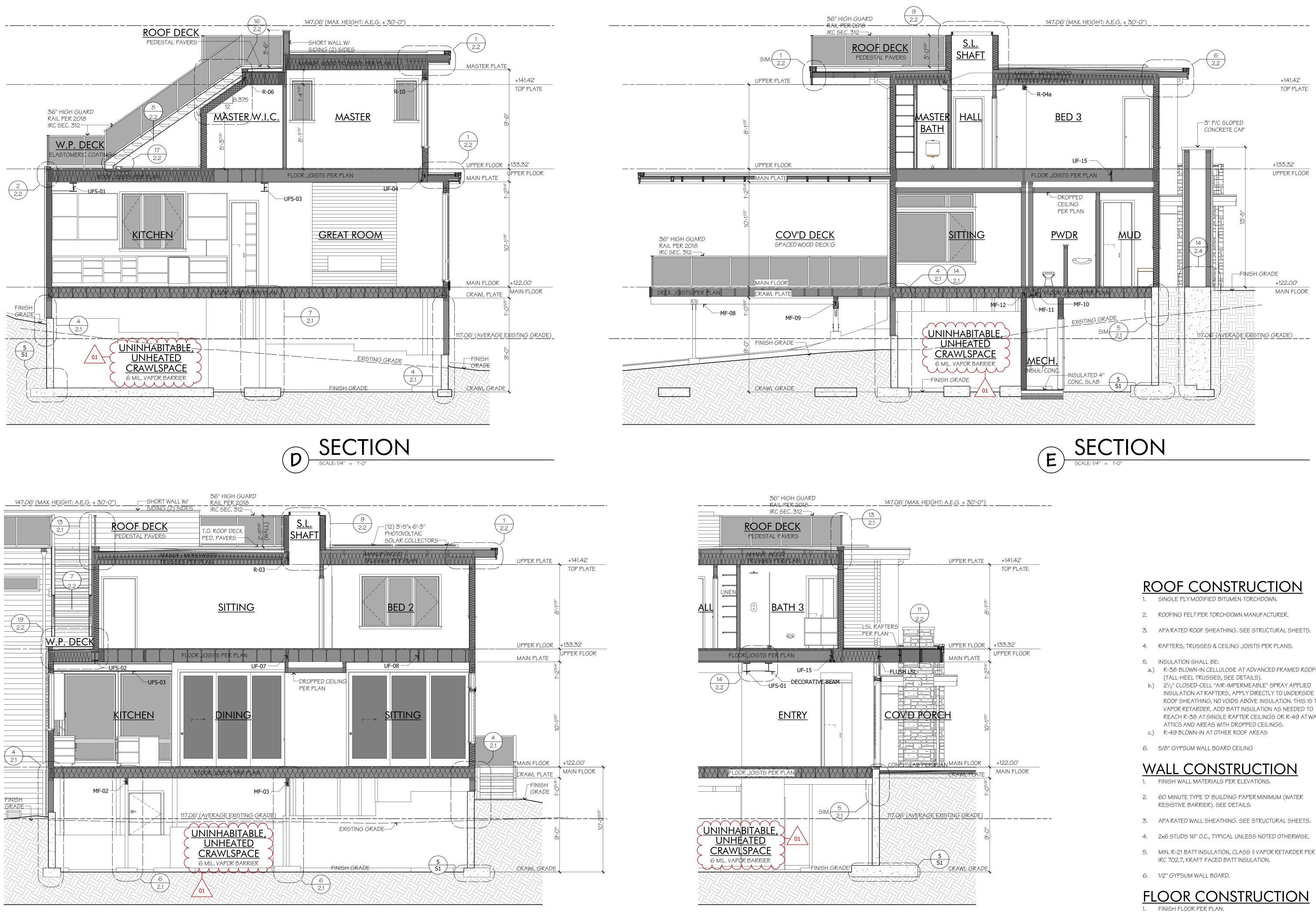


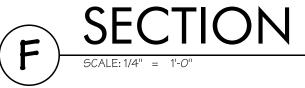
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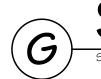
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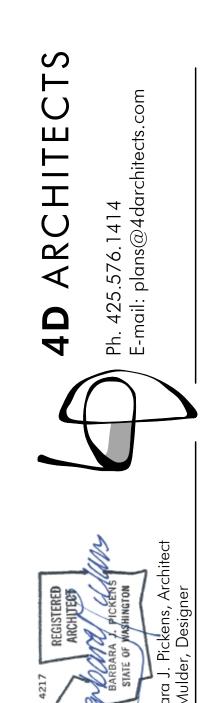












- a.) R-38 BLOWN-IN CELLULOSE AT ADVANCED FRAMED ROOFS
- INSULATION AT RAFTERS, APPLY DIRECTLY TO UNDERSIDE OF ROOF SHEATHING, NO VOIDS ABOVE INSULATION. THIS IS THE VAPOR RETARDER. ADD BATT INSULATION AS NEEDED TO REACH R-38 AT SINGLE RAFTER CEILINGS OR R-49 AT WARM

- 5. MIN. R-21 BATT INSULATION, CLASS II VAPOR RETARDER PER 2018

- 2. 3/4" TONGUE & GROOVE APA RATED FLOOR SHEATHING, GLUED & NAILED.
- 3. FLOOR JOISTS PER PLAN.
- 4. R-30 BATT INSULATION OVER UNHEATED SPACE.

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SECTIONS

SKYLIGHT SCHEDULE

MARK	WIDTH	HEIGHT	ELEVATION, N.T.S.	NOTES	ROOM
SL1	3'	4'		TEMPERED SAFETY GLASS	HALL

/

AREA	
12.0	
12.0 ft ²	

EXTERIOR DOOR SCHEDULE

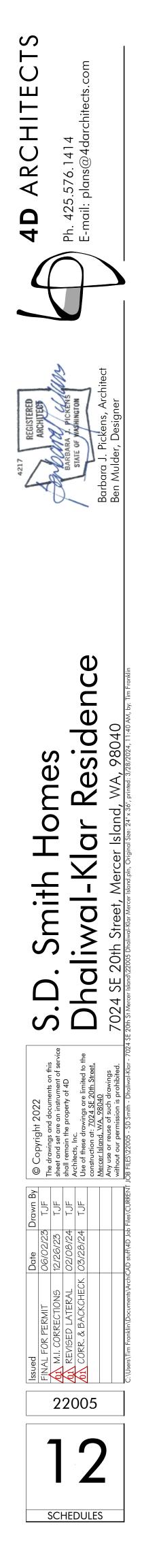
MARK	WIDTH	HEIGHT	ELEVATION, N.T.S.	NOTES	ROOM	UNIT AREA
DO1	3'	8'		WOOD DOOR W/ SIDELITES AND SAFETY GLASS	ENTRY	57.2
D02	12'	9'		SLIDING DOOR SAFETY GLASS	GREAT ROOM	109.9
D03	10'	9'		SLIDING DOOR SAFETY GLASS	DINING	91.8
D04	11'-6"	9'		SLIDING DOOR SAFETY GLASS	SITTING	105.4
D05	2'-8"	6'-8"		W/ SAFETY GLASS	SITTING TO W.P. DECK	18.8
						493.0 ft²

WINDOW SCHEDULE

MARK	S WIDTH	IZE HEIGHT	HEAD HT.	ELEVATION, N.T.S.	TYPE	ROOM	UNIT AREA
101	6'	5'-6"	9'		2'0"x5'6" C/ 2'0"x5'6" F/ 2'0"x5'6" C	KITCHEN	33.0
102	5'	8'-6"	9'		5'0"x6'6" F/ 5'0"x2'0" A W/ S.G.	GREAT ROOM	42.5
103	5'	8'-6"	9'		5'0"x6'6" F/ 5'0"x2'0" A W/ S.G.	GREAT ROOM	42.5
104	5'	8'-6"	9'		5'0"x6'6" F/ 5'0"x2'0" A W/ S.G.	GREAT ROOM	45.7
105	4'	6'-6"	9'		FIXED	DINING	28.4
106	7'-6"	5'	7'-3"		2'6''x 5'0'' C/ 5'0''x5'0'' F	SITTING	37.5
107	5'	1'-6"	9'		FIXED TRANSOM	SITTING	7.5
107a	2'-6"	1'-6"	9'		FIXED TRANSOM	SITTING	3.8
108	2'	5'	8'-7 3/4"		FIXED	MUD	10.0
109	2'	5'	8'-7 3/4"		FIXED	MUD	10.0
110	7'	1'-6"	10'-1/2''		FIXED	ENTRY	10.5
111	6'	2'-1 3/4"	2'-7 3/8"		FIXED W/ S.G.	STAIRS	13.8
112	6'	2'-1 3/4"	5'-1/8''	,	FIXED W/ S.G.	STAIRS	13.8
113	6'	2'-1 3/4"	7'-4 7/8''		FIXED W/ S.G.	STAIRS	13.8
114	6'	2'-1 3/4"	9'-9 5/8''		FIXED W/ S.G.	01 STAIRS	13.8
115	6'	2'-1 3/4"	2'-7 3/8"		FIXED W/ S.G.	01 STAIRS	13.8
116	6'	2'-1 3/4"	5'-1/8''		FIXED W/ S.G.	O1 STAIRS	13.8
117	6'	2'-1 3/4"	7'-4 7/8''		FIXED W/ S.G.	01 STAIRS	13.8
118	6'	2'-1 3/4"	9'-9 5/8''		FIXED W/ S.G.	STAIRS	13.8
201	2'	4'	8'-6"		FIXED	MASTER	8.0
202	2'	4'	8'-6"		FIXED	MASTER	8.0

WINDOW SCHEDULE (CONTINUED)

MARK	S WIDTH	HEIGHT	HEAD HT.	ELEVATION, N.T.S.	TYPE	ROOM	UNIT AREA
203	5'	6'-6"	8'-6"		FIXED	MASTER	32.5
204	5'	6'-6"	8'-6"		FIXED	MASTER	32.5
205	5'	6'-6"	8'-6"		FIXED	MASTER	34.9
206	10'	6'-6"	8'-6"		2'6"x6'6" C/ 5'0"x6'6" F/ 2'6"x6'6" C/ EGRESS	MASTER	67.4
207	7'	5'	7'		5'0''x5'0'' F/ 2'6''x5'0'' C W/ S.G.	MASTER BATH	36.9
208	4'	5'	7'		FIXED W/ S.G.	MASTER BATH	21.9
209	7'-6"	5'	7'		2'6"x5'0" C/ 2'6"x5'0" F/ 2'6"x5'0" C EGRESS	BED 2	37.5
210	2'	4'	7'		CASEMENT	BED 2	8.0
211	2'	4'	7'		CASEMENT	BED 2	8.0
212	2'	4'	7'		CASEMENT W/ S.G.	BATH 2	8.0
213	8'-6"	5'	7'		2'6"x5'0" C/ 6'0"x5'0" F EGRESS	BED 3	42.5
214	2'	5'	7'		FIXED	BATH 3	10.0
215	6'	2'-1 3/4"	12'-2 3/8"		STAIRS	FIXED	13.8
216	6'	2'-1 3/4"	14'-7 1/8''		STAIRS	FIXED	13.8
217	6'	2'-1 3/4"	16'-11 7/8''		STAIRS	FIXED	13.8
218	6'	2'-1 3/4"	19'-4 5/8''		STAIRS	FIXED	13.8
219	6'	2'-1 3/4"	12'-2 3/8"		STAIRS	FIXED W/S.G	13.8
220	6'	2'-1 3/4"	14'-7 1/8''		STAIRS	FIXED	13.8
221	6'	2'-1 3/4"	16'-11 5/8''		STAIRS	FIXED	13.8
222	6'	2'-1 3/4"	19'-4 3/8"		STAIRS	FIXED	13.8
223	5'	1'-6"	7'		FIXED	MASTER W.I.C.	7.5
							855.8 ft²



GENERAL STRUCTURAL NOTES

GENERAL

ALL CONSTRUCTION SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE (IBC), THE 2018 INTERNATIONAL RESIDENTIAL CODE (IRC) AND/OR OTHER GOVERNING CODE, AS REQUIRED BY LOCAL JURISDICTION.

STRUCTURAL DRAWINGS INDICATE TYPICAL AND GENERAL CONSTRUCTION DETAILS. WHERE DETAILS ARE NOT REFERENCED AT LOCATIONS OF SIMILAR CONFIGURATION TO DETAILS PROVIDED, SIMILAR DETAILS SHALL BE EMPLOYED. NOTES ON THE FOLLOWING INDIVIDUAL STRUCTURAL SHEETS SHALL TAKE PRECEDENCE OVER THESE GENERAL STRUCTURAL NOTES. ANY SPECIFICATION CONFLICTS THAT MAY OCCUR WITHIN THIS PLAN SET, THE CONTRACTOR SHALL DEFAULT TO THE MORE STRINGENT/ CONSERVATIVE SPECIFICATION.

THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS IN FULL FOR ACCURACY AND ADEQUACY AS RELATED TO SITE CONDITIONS. ANY DISCREPENCIES SHALL BE SUBMITTED TO THE EOR BEFORE PROCEEDING.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DESIGN, PERMITTING AND CONSTRUCTION OF ALL UTILITIES INCLUDING PLUMBING, ELECTRICAL AND HVAC. ANY STRUCTURAL MODIFICATIONS SHALL BE SUBMITTED TO THE EOR BEFORE PROCEEDING.

DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SUPERCEDE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND SHALL REVIEW ALL DIMENSIONS AND THEIR ACCURACY IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION.

THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE, INCLUDING SOIL CONDITIONS (UNLESS SOILS REPORT EXISTS), AND CONDITIONS RELATED TO EXISTING UTILITIES, EASEMENTS, AND/OR RIGHTS OF WAY.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION, WORKMANSHIP AND JOBSITE SAFETY. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION AND SHALL PROVIDE TEMPORARY BRACING AS REQUIRED UNTIL ALL PERMANENT CONNECTIONS AND STIFFENINGS HAVE BEEN INSTALLED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS WITH THE BUILDING DEPARTMENT.

ANY AND ALL DISCREPANCIES BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER JOB-RELATED DRAWINGS, INCLUDING ARCHITECTURAL, CIVIL OR ANY OTHER CONSULTANT DRAWINGS SHALL BE PROVIDED TO THE EOR BEFORE PROCEEDING.

SOILS

SEE DESIGN CRITERIA FOR SOILS REPORT INFORMATION, IF APPLICABLE.

WHERE SOILS REPORT NOT PROVIDED, 2000 PSF SOIL BEARING ASSUMED. ASSUMED ALLOWABLE SOIL BEARING AND LATERAL PRESSURES SHALL BE FIELD-VERIFIED. BEARING SOIL SHALL BE FREE OF ORGANIC MATERIAL. EOR SHALL BE NOTIFIED OF ANY SOILS FOUND TO BE INADEQUATE TO REVIEW FOUNDATION ADEQUACY. SEE ADDITIONAL SOILS NOTES ON RETAINING WALL DETAILS, IF APPLICABLE.

FOUNDATION CONDITIONS

FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL (OR CONTROLLED, COMPACTED STRUCTURAL FILL) AT LEAST 18" BELOW EXISTING GRADE. ACTUAL ELEVATIONS OF FOOTINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. OVEREXCAVATION SHALL BE BACKFILLED USING LEAN CONCRETE (f'c = 2000 PSI) OR STRUCTURAL BACKFILL.

STRUCTURAL FILL

STRUCTURAL FILL SHOULD CONSIST OF PREDOMINATELY WELL-GRADED, GRANULAR SOIL, FREE OF ORGANIC MATERIAL AND DEBRIS. FILL SHOULD BE PLACED IN MAXIMUM 8" LOOSE LIFTS AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED BY ASTM D-1557 TEST PROCEDURES. INFORMATION FOUND WITHIN SOILS REPORT, IF PROVIDED, SHALL TAKE PRECEDENCE. ANY SIGNIFICANT CONSTRUCTION FOUNDED ON STRUCTURAL FILL SHALL BE REVIEWED BY A GEOTECHNICAL ENGINEER LICENSED IN THE STATE OF WASHINGTON.

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS SHALL BE PROVIDED AS REQUIRED BY THE BUILDING DEPARTMENT AND IBC SECTION 1704. THE OWNER SHALL BE RESPONSIBLE FOR RETAINING ANY SPECIAL INSPECTORS REQUIRED. ALL SPECIAL INSPECTION REPORTS SHALL BE PROVIDED TO THE EOR AS APPLICABLE. SEE CONCRETE SECTION FOR MORE ON SPECIAL INSPECTIONS.

SPECIAL INSPECTIONS AND TESTS OF SOILS (IBC 1705.6)

		JENCY	REFERENCES
		PERIODIC	REFERENCES
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHEIVE THE DESIGN BEARING CAPACITY		Х	
VERIFY EXCAVATIONS EXTEND TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		Х	
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		Х	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X		
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		Х	

WOOD FRAMING NOTES

GENERAL REQUIREMENTS

PROVIDE MINIMUM NAILING PER 2018 IBC TABLE 2304.10.1 (PROVIDED BELOW), UNLESS NOTED OTHERWISE. ALL WOOD IN CONTACT WITH CONCRETE AND/OR EXPOSED TO WEATHER SHALL BE PRESERVATIVE-TREATED BY AN APPROVED METHOD. ALL CUTS, NOTCHES AND EXPOSED ENDS TO BE RE-TREATED. DO NOT NOTCH, BEVEL OR DRILL STRUCTURAL MEMBERS, EXCEPT AS ALLOWED BY SECTIONS 2308.4.2.4 AND 2308.7.4, OR AS ALLOWED ELSEWHERE WITHIN THIS PLAN SET.

FRAMING LUMBER

STRUCTURAL LUMBER SHALL ADHERE TO THE FOLLOWING TABLE:

MEMBER	GRADING	f'₅ (PSI)	f'∨ (PSI)	f' _{c∥} (PSI)	f' _c (PSI)
STUDS, SAWN FLOOR JOISTS, SAWN RAFTERS (2x LUMBER)	HF#2 OR BETTER (HEM FIR #2)	850	150	1300	405
POSTS, BEAMS, HEADERS (4x LUMBER AND GREATER)	DF#2 OR BETTER (DOUG FIR #2)	900	180	1350	625
LVL- LAMINATED VENEER LUMBER (FLUSH BEAMS, COLLECTORS, RAFTERS)	VERSA-LAM 3100 OR EQUIV	3100	285	3000	750
GLB - GLUED-LAMINATED BEAMS (DROPPED, EXPOSED, EXTERIOR, HEADERS)	24F-V4 - TYPICAL 24F-V8 - CANTILEVERED	2400/ 1850(-) 2400/ 2400(-)	265	1650	650
PSL - PARALLEL STRAND LUMBER (FLUSH BEAMS, HEADERS)	2.0E	2900	290	2900	750

2x_ TIMBER SHALL BE KILN DRIED. GRADES SHALL CONFORM TO "WWPA GRADING RULES FOR WESTERN LUMBER", LATEST EDITION.

ROOF DIAPHRAGMS

ADDITIONAL INFORMATION.

FLOOR DIAPHRAGMS

INSTALL MINIMUM 23/32" T&G STURD-I-FLOOR SHEATHING. GLUE AND NAIL ALL SUPPORTED EDGES AND BOUNDARIES WITH 10d AT 6" O.C., AND INTERIOR SUPPORTS WITH 10d AT 12" O.C.; BLOCKING NOT REQUIRED, UNO. SEE FLOOR FRAMING PLAN(S) FOR ADDITIONAL INFORMATION.

WOOD TRUSSES (IBC 2303.4)

TRUSS DESIGN DRAWINGS AND DOCUMENT SUBMITTAL SHALL INCLUDE STRESS ANLYSIS AND DEPICTION OF EACH TRUSS TYPE, AND SHALL INCLUDE A TRUSS LAYOUT. TRUSS ANALYSIS, LAYOUT AND INSTALLATION DOCUMENTS SHALL BEAR THE SEAL AND SIGNATURE OF AN ENGINEER LICENSED IN THE STATE OF WASHINGTON. APPROVED TRUSS DOCUMENTS SHALL REMAIN ON THE JOB SITE THROUGHOUT CONSTRUCTION.

APPROVAL FROM THE TRUSS DESIGN ENGINEER.

UNLESS NOTED OTHERWISE, ALL TRUSSES SHALL BE SPACED AT 24" O.C. AND HAVE SIMPSON H1 CLIPS AT EXTERIOR WALLS. GABLE TRUSSES SHALL HAVE A35 CLIPS @ 24" O.C., UNO.

THE GENERAL CONTRACTOR SHALL PROVIDE THE EOR WITH A COPY OF THE APPROVED TRUSS DOCUMENTS FOR REVIEW. IF THE TRUSS DOCUMENTS WERE DEVELOPED SUBSEQUENT TO THE ISSUANCE OF THIS PLAN SET, THE TRUSS ANALYSES MAY RESULT IN REVISIONS TO THE BEAM CALCULATIONS ASSOCIATED WITH THIS PLAN SET.

FASTENERS

PER THE MANUFACTURER'S INSTRUCTIONS.

NAILS AND STAPLES TO CONFORM TO IBC 2303.6 "NAILS AND STAPLES." ALL NAILING TO BE PROVIDED PER TABLE 2304.10.1 (PROVIDED BELOW). ALL NAILS SPECIFIED SHALL BE COMMON, UNO.

COMMON NAILS							
SIZE	LENGTH	DIAMETE					
8d	2 ¹ / ₂ "	0.131"					
10d	3"	0.148"					
16d	3 ¹ / ₂ "	0.162"					
16d SINKER	3 ¹ / ₄ "	0.148"					

INSTALL MINIMUM 1/2" CDX PLYWOOD (32/16) OR 7/16" OSB SHEATHING. NAIL ALL SUPPORTED EDGES AND BOUNDARIES WITH 8d AT 6" O.C, AND INTERIOR SUPPORTS WITH

8d AT 12" O.C.; BLOCKING NOT REQUIRED, UNO. SEE ROOF FRAMING PLAN(S) FOR

PRE-FABRICATED WOOD TRUSSES TO BE DESIGNED PER IBC 2303.4.1.1 TO CARRY LOADS LISTED IN THE DESIGN CRITERIA SECTION AND ANY ADDITIONAL POINT LOADS, UNIFORM LOADS OR DRAG STRUT FORCES PROVIDED ON THE ROOF FRAMING PLAN(S).

PRE-FABRICATED TRUSSES SHALL NOT BE NOTCHED, DRILLED, CUT, SPLICED OR OTHERWISE ALTERED WITHOUT WRITTEN APPROVAL FROM THE TRUSS DESIGN ENGINEER. ALTERATIONS RESULTING IN THE ADDITION OF LOADS TO ANY MEMBER (E.G. HVAC EQUIPMENT, PIPING, ETC.) SHALL NOT BE PROHIBITED WITHOUT WRITTEN

THE LATEST SIMPSON STRONG-TIE COMPANY, INC. PRODUCTS WERE USED AS A BASIS FOR THIS PROJECT. CONNECTORS BY ALTERNATE MANUFACTURERS MAY BE SUBSTITED PROVIDED THEY HAVE CURRENT ICC-ESR/IAPMO-ER APPROVAL FOR EQUIVALENT OR GREATER LOAD CAPACITIES. ALL FASTENERS AND CONNECTORS SHALL BE INSTALLED



CONCRETE NOTES

CONCRETE SHALL CONSIST OF PORTLAND CEMENT ASTM C-150 TYPE II OR TYPE I AND SHALL BE READY-MIXED PER ASTM C-94, MAXIMUM SLUMP 5". MINIMUM 51/2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE. SEGREGATION OF MATERIALS TO BE PREVENTED.

MINIMUM SPECIFIED COMPRESSIVE STRENGTH (f'C AT 28 DAYS) ACI 318-14					
LOCATION/USE	f'c (PSI)	SPECIAL INSPECTION & TESTING REQUIRED			
FOOTING PADS & FOUNDATIONS NOT EXPOSED TO WEATHER	2500	NOT REQUIRED			
PORCHES, PATIOS, DRIVEWAYS GARAGE SLABS	3000	NOT REQUIRED			
FOUNDATION STEM WALLS AND INTERIOR SLABS ON GRADE	2500	NOT REQUIRED			

REINFORCEMENT STEEL

REINFORCING STEEL #5 BARS AND LARGER SHALL BE GRADE 60 DEFORMED BARS, AND #3 AND #4 BARS SHALL BE GRADE 40, IN ACCORDANCE WITH ASTM A-615. LAP SPLICES 32 BAR DIAMETERS OR 18" MIN. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND SHALL BE 6X6 – W1.4 X W1.4. LAP ONE FULL MESH AT SPLICES. SEE CONCRETE DETAILS FOR MORE INFORMATION.

CONCRETE COVER REQUIREMENTS					
REINFORCING BAR LOCATION	MIN CONCRETE COVER				
UNFORMED SURFACES CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"				
FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#6 BARS AND LARGER)	2"				
FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#5 BARS AND SMALLER)	11/2"				
COLUMNS AND BEAMS WITH BARS ENCLOSED IN STIRRUPS, TIES OR SPIRAL REINFORCEMENT	11/2"				
SLABS, JOISTS AND INTERIOR FACES OF WALLS (#5 BARS AND SMALLER)	3/4"				

SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION (IBC 1705.3)

VERIFICATION AND INSPECTION	FREQL	JENCY	REFERENCES
	CONTINUOUS	PERIODIC	REFERENCES
INSPECT REINFORCEMENT AND VERIFY PLACEMENT		Х	IBC 1908.4 ACI 318: CH. 20, 25.2-3, 26.6.1-3
INSPECT ANCHORS CAST IN CONCRETE		Х	ACI 318: 17.8.2
VERIFY REQUIRED DESIGN MIX		Х	IBC 1904.1-2, 1908.2-3 ACI 318: CH. 19, 26.4.3-4
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS AND DETERMINE TEMPERATURE OF CONCRETE	Х		IBC 1908.10 ASTM C172, C31 ACI 318: 26.5, 26.12
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	Х		IBC 1905.6-8 ACI 318: 26.5
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		Х	IBC 1908.9 ACI 318: 26.5.3-5
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE BEING POURED		Х	ACI 318: 26.11.1.2(b)

MINIMUM FASTENING SCHEDULE (UNO) (PER 2018 IBC TABLE 2304.10.1

NO.	CONNECTION	NAILING, LOCATION (UNO)
1	BLOCKING BETWEEN JOIST/RAFTER OR TRUSSES TO TOP PLATE OR OTHER FRAMING ABOVE	(3) 8d, TOENAIL EACH END
2	BLOCKING BETWEEN JOIST/RAFTER OR TRUSSES NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	(2) 8d, TOENAIL EACH END
3	FLAT BLOCKING TO TRUSS AND WEB FILLER	16d FACE NAIL
4	JOISTS TO TOP PLATE OR GIRDER	(3) 8d, TOENAIL
5	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS (NO THRUST)	(3) 16d
6	COLLAR TIE TO JOIST/RAFTER	(3) 10d
7	ROOF TRUSS TO TOP PLATE	(3) 10d, TOENAIL
8	ROOF JOIST/RAFTER TO RIDGE VALLEY OR HIP RAFTERS; OR ROOF RAFTER TO 2" RIDGE BEAM	(2) 16d, END NAIL
9	STUD TO STUD (NOT AT SHEAR WALLS)	16d @ 24" O.C., FACE NAIL
10	CONTINUOUS HEADER TO STUD	(4) 8d, TOENAIL
11	TOP PLATE TO TOP PLATE, AT END JOINTS	(8) 16d, EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
12	SILL PLATE TO JOIST, RIM JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d @ 16" O.C., FACE NAIL
13	SILL PLATE TO JOIST, RIM JOIST OR BLOCKING AT BRACED WALL PANELS	(3) 16d @ 16" O.C., FACE NAIL
14	STUD TO SILL PLATE	(4) 8d, TOENAIL OR (2) 16d, END NAIL*
15	TOP PLATE TO STUD	(2) 16d, END NAIL
16	TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	(2) 16d, FACE NAIL
17	1" BRACE TO EACH STUD AND PLATE	(2) 8d, FACE NAIL
18	1" x 6" SHEATHING OR LESS TO EACH BEARING	(2) 8d, FACE NAIL
19	1" x 8" AND WIDER SHEATHING TO EACH BEARING	(3) 8d, FACE NAIL
20	JOIST TO SILL, TOP PLATE OR GIRDER	(3) 8d, TOENAIL
21	RIM JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d @ 6" O.C., TOENAIL
22	1" x 6" SUBFLOOR OR LESS TO EACH JOIST	(2) 8d, FACE NAIL
23	2" SUBFLOOR TO JOIST OR GIRDER	(2) 16d, BLIND AND FACE NAIL
24	2" PLANKS (PLANK & BEAM - FLOOR & ROOF)	(2) 16d, EACH BEARING, FACE NAIL
25	BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20d @ 32" O.C., FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES AND (2) 20d AT ENDS OF EACH SPLICE
26	LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	(3) 16d, EACH JOIST OR RAFTER, FACE NAIL
27	JOIST TO RIM JOIST	(3) 16d, END NAIL
28	BRIDGING OR BLOCKING TO JOIST	(2) 8d, EACH END, TOENAIL
	*USE (4) 16d END NAIL STUDS TO TOP AND SILL PLATES AT 2x10 STUDS	

DESIGN CRITERIA

NOMINAL WIND SPEED – 85 MPH ULTIMATE WIND SPEED – 110 MPH WIND EXPOSURE, B

RISK CATEGORY II IMPORTANCE, I = 1.0 $K_{7T} = 1.00$

SEISIMIC: EQUIVALENT LATERAL FORCE PROCEDURE IMPORTANCE, le = 1.0 $S_{s} = 1.36$ $S_1 = 0.52$ SITE CLASS, D SEISMIC DESIGN CAT., D $S_{DS} = 0.91$ SEIS. FORCE RES. SYS, A.15. $S_{D1} = NA$ DESIGN BASE SHEAR = 17195 lbs $C_{s} = 0.14$ RISK CATEGORY II R = 6.5

LIVE LOADS: ROOF 25 (SNOW) FLOOR 40 PSF DECKS 60 PSF

INSPECTIONS NO SPECIAL INSPECTIONS ARE REQUIRED. VERIFY INSPECTIONS REQUIRED WITH AUTHORITY HAVING JURISDICTION.

SOILS

GEOTECH EOR: NA REPORT #: NA

WHERE SOILS REPORT NOT PROVIDED, 2000 PSF SOIL BEARING ASSUMED.

SCOPE OF STRUCTURAL WORK

SEISMIC AND WIND ANALYSIS (LATERAL DESIGN)

VERTICAL LOAD ANALYSIS (GRAVITY DESIGN)

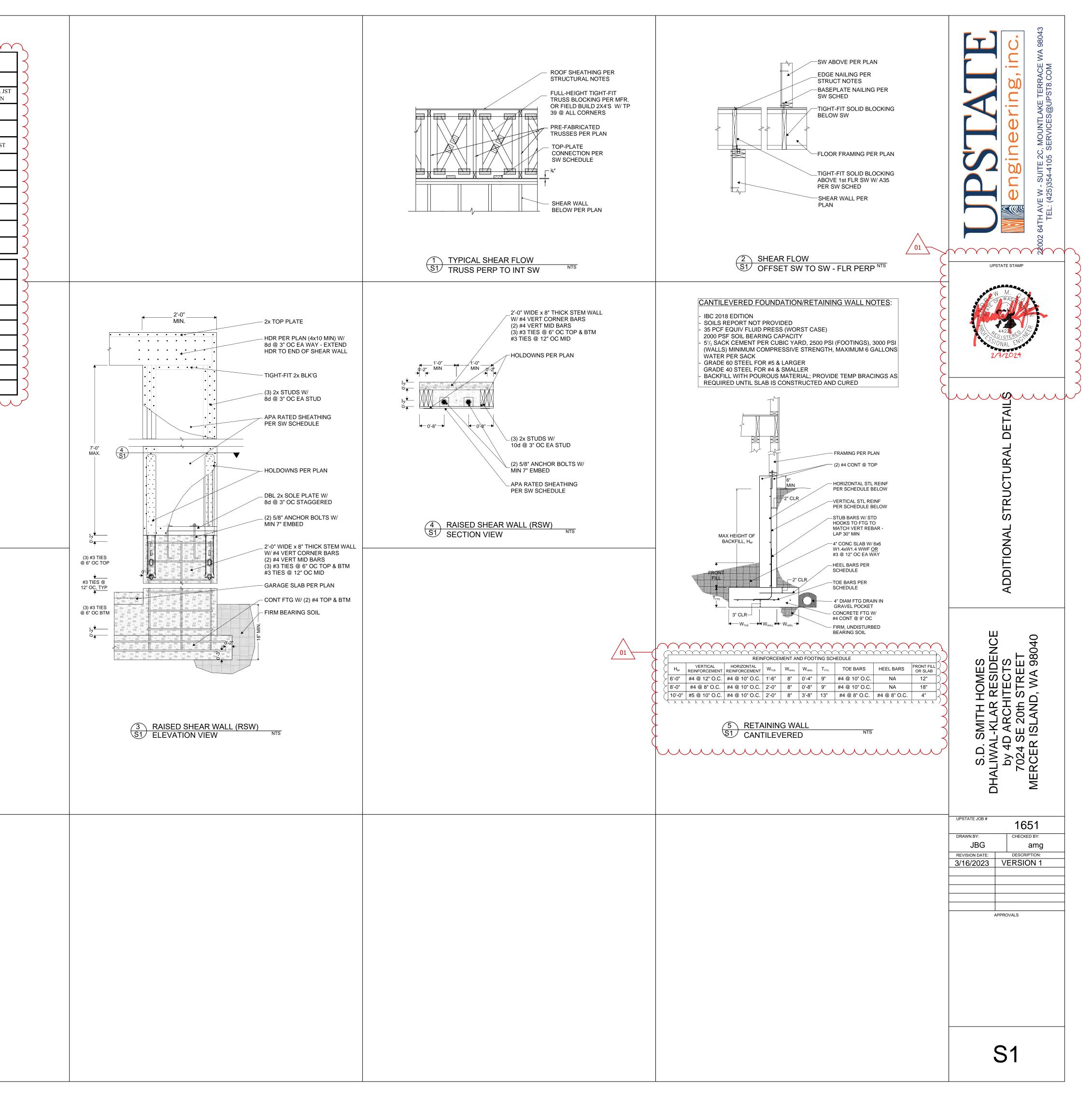
FOUNDATION DESIGN/VERIFICATION

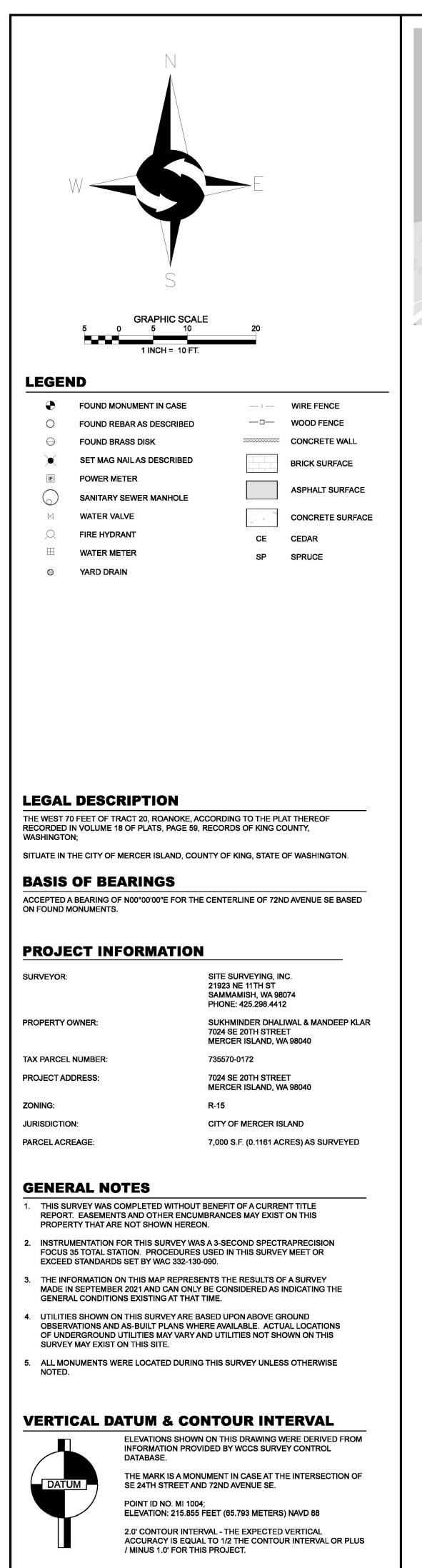
STRUCTURAL DRAFTING

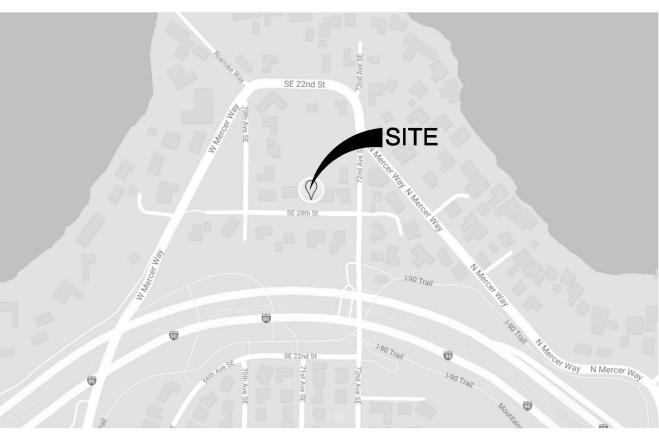
STRUCTURAL DETAILING

TEL: (425)354.4105 SERVICES@UPSTB.COM	
UPSTATE STAMP	
STRUCTURAL DESIGN STRUCTURAL NOTES MIN CONNECTIONS	
S.D. SMITH HOMES DHALIWAL-KLAR RESIDENCE by 4D ARCHITECTS 7024 SE 20th STREET MERCER ISLAND, WA 98040	
UPSTATE JOB # 1651 DRAWN BY: CHECKED BY: JBG amg REVISION DATE: DESCRIPTION: 3/16/2023 VERSION 1	
APPROVALS	
S 0	

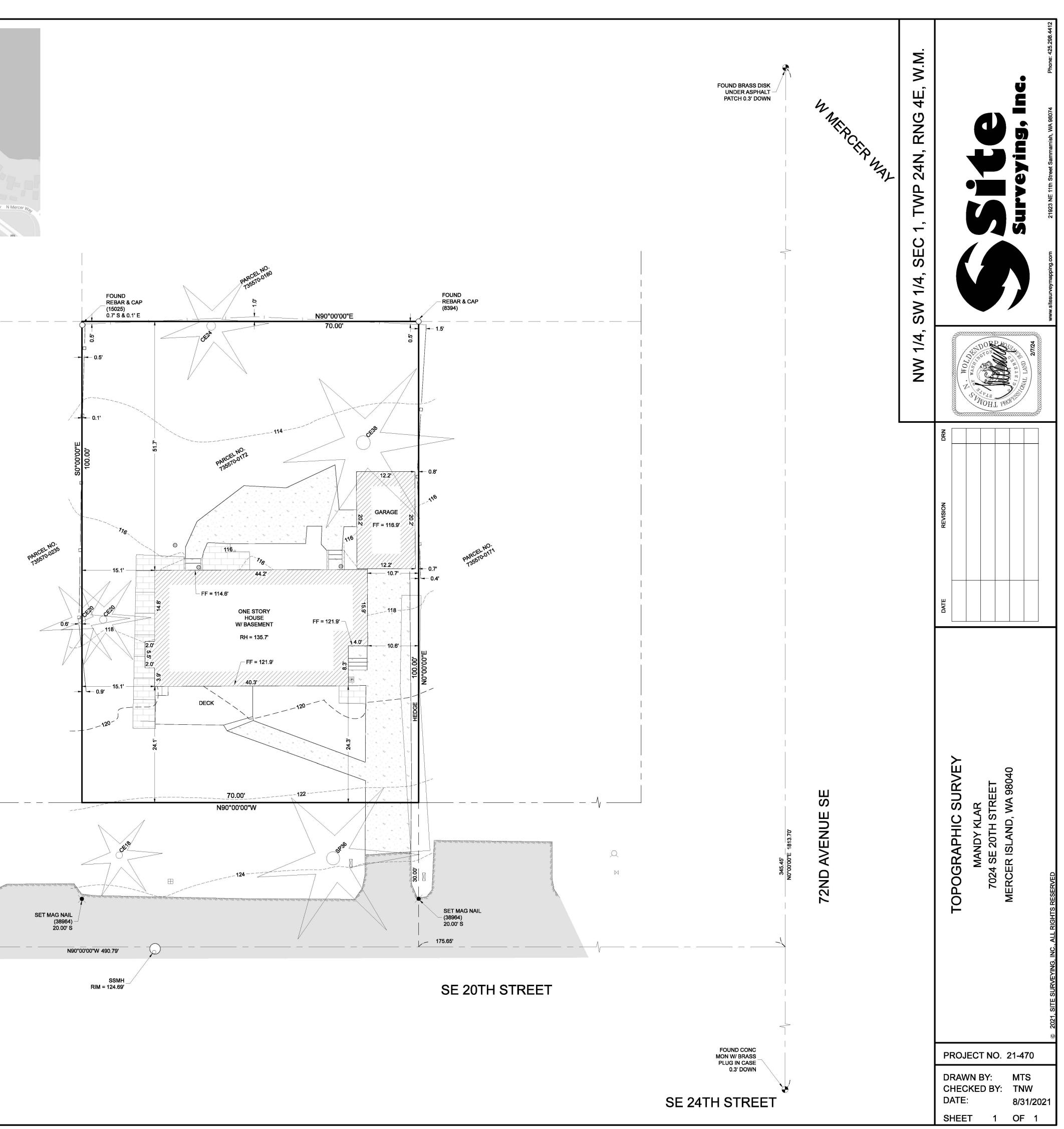
SHEARWALL & HOLDOWN NOTES (U.N.O.): MARK HOLDOWN/ FASTENERS TO FOUNDATION ANCHOR *(1)(4) CCC 1) Simpson or equal. Locate at end of shearwall u.n.o. Install its are an embedment, deepen foundation minimum end listance and embedment, deepen foundation minimum end listance and embedment, deepen foundation as required. Iod NALES - (1) FACE, (4) N/A TO BEAN 2) Construct cripple wall same as shearwall (SW) below. T-1 MSTC48B3 Iod NALES - (1) FACE, (4) N/A TO BEAN 3) Requires 3x or (2) 2x foundation sill plate T-2 MSTC52 (24) - Iod sinkers to each connected element N/A STB24 4) Threaded rod and coupler as required. 5) Common nails, UNO, 840-01.31*2X**, 10d=0.148*X3*. T-4 HDU4-SDS2.5 (20) - SDS 0.25x2.5 SSTB24 MIN. I 6) Install H1's on all trusses/rafters, A35's at 24*0/c on gables & im joist (or solid bikg) to top plate (sill plate at fdn) u.n.o.; When pecified spacing is less than 24*0/c, install A35's at roof solid will plate at fdn) u.n.o.; When pecified spacing is less than 24*0/c and be substituted for A35. T-5 HDU14-SDS2.5 (30) - SDS 0.25x2.5 PABS W/ 11* MIN MIN 7) Minimum 3x or dbl-2x stud lamid w/ (2)-16d @ 6* o/c at bibuting panel edges. 8) Anchor bolts shall be embedded at least 7" into concrete; here shall be a minimum of two bolts per piece with one bolt coated not more than 12* or less than seven bolt diameters from ea	SHEARWALL & HOLDOWN NOTES (U.N.O.): (I) Simpson or qual. Locate a for distance and manufacture recommendations for foundation minimum and fastance and manufacture recommendations for foundation minimum and function of the analysis of the an	SHEARWALL & FOLDOWN NOTES (U.N.O.): 1) Simpson requil. Locate at end of shearwall u.n.o. Install ber manufacturer recommendations for foundation antinimum end pable-and same as shearwall (SW) above, and pable-and same as shearwall (SW) above, and pable-and same as shearwall (SW) below. NA NA NA ID BLA 21 Construct cripple wall same as shearwall (SW) below. STR24 P(1) (2) STIDS MIN U.S.O. N/A ID BLA 31< Requires 30.0 (2) A torundation silp pate 40 The addition and coupler as required. N/A ID BLA N/A ID BLA 51< Common nails, UNO: 8de 01372/57, 104-0.148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 224-0146*33/57, 106-0148*37, 244-0100, STB 0.256,25,5 SSTB24 MNL 1 11 MUS 3106,251,25 PABB W/11*MIN MIN 1 12 MSTC 42803 IIDU4-SDS2.5 (36) - SDB 0.256,25,5 SSTB24 MIN 1 12 MSTC 42804 INDU4-SDS2.5 WOOD SCREWS SSTB24 MIN 1 13 MINUTON or ordel- stand and install H1 or H2,5 on all substituting paralegades. INDU4-SDS2.5 PABB W/11*MIN MIN 1 14 MARK SS	SHEARWALL & HOLDOWN NOTES (U.N.O.): MARK IUCLDOWN* PARTENESTO FOUNDATION CC (0) Simpson or qual. Locate at of shearwal (SW) above, and gable-ord ame is shearwal (SW) below. IUCLDOWN* (D-STIDS MIN U.N.C. (d)) NA DI BLA (2) Construct cripple wall same as shearwal (SW) below. IUCLDOWN* (D-STIDS AUX. (d)) NA BELC (3) Requires 3x or (2) 2x dundation all plate (d) (D) Threaded for and couplers are orquited. NA IUCLSOWN* Connocted element. NA BELC (6) Install H*s on all trusses/affers, A35* st 24*0c on gables 5 min jois (or solid bild) to top plate (all plate at fn) u.n.o.; When specified space) is less than 24*0c in gables 5 min jois (or solid bild) to pate (all plate at fn) u.n.o.; When specified space) is less than 24*0c in gables 5 min jois (or solid bild) to top plate (all plate at fn) u.n.o.; When specified space) is less than 24*0c in gables 5 min jois (or solid bild) to top plate (all plate at fn) u.n.o.; When specified space) is less than 24*0c in gables 5 min jois (or solid bild) to pate (all plate at fn) u.n.o.; When specified space) is less than 24*0c in gables 5 min jois (or solid bild) to pate (all plate at fn) u.n.o.; When specified space) is less than 24*0c in gables 5 min jois (or solid bild) to pate (all plate at fn) u.n.o.; When specified space) is less than 24*0c in gables 5 min jois (n) and the bable program in the unit was assessed at less 7 min jois (n) and the bable program in the unit was assessed at less 7 min join on the bables program was and of the plate. T-4 HUUR-SDS2.5 NOOD SCREWS SHED	SHE ARWALL & HOLDOWN NOTES (U.N.O.): (1) Simpson or equal. Locate at end of shearval u.n.o., install per manufacture recommendations for foundation arminum on galie-enderment, deepen foundation arguined. MARK HOLDOWN (2):STUDS MIN U.N.O. PARTNERS TO ANCHOR (UND) (2): (2):STUDS (2):STUDS (2	SHEARWALL & HOLDOWN NOTES (U.N.O.): (I) Simpson or equal. Locate at of of sharwal u.n.o. Install per manufacture recommendations for foundation minimum and distance and embedment, despenditude. (I) Simpson or equal. Locate at of of sharwal u.n.o. Install per manufacture recommendations for foundation minimum and enders. (I2) Construct clipple wall same as sharwall (SW) above, and gable end same as sharwall (SW) below. (II) Requires 3x or (2) 2x foundation sill plate. (II) Natus - (12) ACE. (d) III ACE. (d) IIII ACE. (d) III ACE. (d) IIIIII ACE. (d) III ACE. (d) IIII ACE. (d) IIII ACE. (d) III ACE. (d)	SHEARWALL & HOLDOWN NOTES (UN.0.); (1) Simpson or qual. Locate at and of shearwall u.o., install per manifecturer recommendations for bundation are quired. (2) Construct cripple wall same as shearwall (SW) above, and gable-ord same as shearwall (SW) below. MARK IUOLDOWN/ (2) STIDS ANIN U.N.O. ANCHOR 'U(4) CC (2) Construct cripple wall same as shearwall (SW) above, and gable-ord same as shearwall (SW) below. IIOLDOWN/ (2) STIDS ANIN U.N.O. ANCHOR 'U(4) N/A BEEL (1) STID ALL, (4) N/A BEEL (4) STIC 48B3 (3) Requires 3x or (2) 2X conduction all plate (9) Ormonon rails, UNO 860-0137*29', 104-0148*34'', (2) Construct cripple wall same as shearwall (SW) above, and gable of same as shearwall (SW) above, and gable-ord same support. T-3 HD1/4-SD82.5 WOOD 3CREWS SSTID24 (6) Common nails, UNO 860-0137*29', 104-0148*34'', (2) Construct cripple wall same as the about 100 and state 16 min. T-4 HD1/4-SD82.5 WOOD 3CREWS SSTID24 MIN.1 (6) Install H1's on all trassectrafters, A35's at 24'no' on gables & min jost (or solid blag) to top plate, and install H1 or H2.5 on all trassectrafters, 110 U14-SD82.5 (3) SD50.252.5 SSTD28 MIN.1 (2) Maintum as or db42x stud lam/d wl (2)-164 @ 6' o'c at athing pareliages IIDU14-SD82.5 (3) SD50.252.5 SSTD28 LMBEL LMBELDMENT Mainture trassectrafters, 110 on oncode: (3) A all shashing must be APA rated. SILEATHING PEDENAILS *(5) SILEATHING PE	(1) Simps		E	HOLI	DOWN SCH	EDULE		Date: ob #:
Part manufacture recommendations for foundation are required. Tile MSTC4883 Idit NLIES - (12) FACE. (4) N/A TO BEAL (B1) 2) Construct cripple wall same as shearwall (SW) above, and pble-end same as shearwall (SW) boltow. 3) RAMING (24) - 16d sinkers to each connected element N/A (10) NIA (24) - 16d sinkers to each connected element N/A 4) Treaded rod and coupler as required. (12) (24) - 16d sinkers to each connected element N/A (20) 5) Common raise, INO: 804 - 015 v2Z, 104=0 148° v37. (24) - 16d sinkers to each connected element N/A (20) 5) Common rais is less than 24 or (18° v37. (24) - 16d sinkers to each mipolitic to solid bikg) to top plate (sill plate tift) un.o., When pelfed spacing is less than 24 or (natel A5% store or gables & mipolitic parallel edges. T-5 HDU14-SDS2.5 WOOD SCREWS STB28 MIN. I 7) Minimum 3x or db-2x stul lamd wi (2)-16d @ 6° or at bitting paralle edges. 1 T-5 HDU14-SDS2.5 WOOD SCREWS PAUS WIT NIN 9) All sheathing must be APA rated. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	point manufacture recommendations for foundation a minimum end distance and embedment, despendend, despendend, galde-end same as shearwall (SW) above, and galde-end same as shearwall (SW) below. T-1 MSTC38B 1001 NLTS-1(2) FACE. (4) BTM. (3) PEAMING N/A TO BEM HELD (2) Construct cripple wall same as shearwall (SW) below. (3) Peducies Xo (2) 2x foundation all palse (5) Peducies Xo (2) 2x foundation all palse (6) Common main, UNO. 840-134*257, 10d-148*337, 172d-148*337, 16d-0162*337, 16d sinkers 0.148*337, 172d-148*337, 16d-0162*337, 16d sinkers 0.148*337, 172d-148*337, 16d-0162*337, 16d sinkers 0.148*337, 174 HDU4-SDS2.5 (0) -SDS 0.252.5, WOOD SCREWS N/A N/A (6) Install HTS on all insessed rafers. Abstract of and insessed rafers. SSTB24 MIN. I (7) Minimum 3x or db-2x stud lamid wi (2)-16d @ 6" of at abulting panel edges. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insessed rafers. Interest hall be an install HT or H2.5 on all insets hall be onbed bet perice with one bot located not more than 12° or less than as wene bot diameters from isoched ont m	part manufacture recommendations for foundation are injuritum end pable endemnet, deepen foundation are required. T-1 MSTC48B3 [01 Nulls - 102 FACE. (4) PTM. (3) FRAMING N/A T0 BEA Proties So (2) FACE. (4) PTM. (3) FRAMING 2) Construct cripple wall same as shearwall (SW) below. 3) Requires So (2) Z foundation mill plate (3) Treaded rod and oxigher as required. N/A T-2 MSTC52 (24) - 16d sinkers to each connected demant. N/A PBEA 5) Common mails, UNO. 6d-0.1372/X7, 10d-0.1487X37, Z2d-0.1487X37, 16d-0.1627X37, 10d-0.1487X37, Z2d-0.1487X37, 16d-0.1627X37, 10d-0.1487X37, Z2d-0.1487X37, 16d-0.1627X37, 10d-0.1487X37, Z2d-0.1487X37, 16d-0.1627X37, 10d-0.1487X37, Z2d-0.1487X37, 16d-0.1627X37, 10d-0.1487X37, T-4 HDU4-SDS2.5 WOOD SCREWS STFB28 MIN. I 6) Install HTS on all trusses/affers. L7ds, LTB of LSD can be substituted for A35. Conn. per Simpson Strong-Tie or equal. T-5 HDU14-SDS2.5 WOOD SCREWS PARK WITY INITY	point manufacture recommendations for foundation minimum and distance and embedment, despendioudians are equired. T-1 MSTC48B3 [00] NALES-1(2) FACE, (4) N/A T0 BEA (2) Construct cripple wall same as shearwall (SW) below. (3) Requires 3x of (2) 2x foundation all paids N/A T0 DEA (3) Requires 3x of (2) 2x foundation all paids (10) ASIS 0.25x.2.5 STIB24 N/A DEA (4) Threaded rod and coupler as required. (10) ASIS 0.25x.2.5 WOOD SCREWS SSTIB24 MIX. (5) Common nail, UNO. 884-0.147.25%, 104-0.148%37%, 163 on librases, and instance 0.148%37%, 163 on librases, and there, 3.45% at 24% or on gables 8 MIX. T-4 IIDU8-SDS2.5 WOOD SCREWS SSTIB24 MIX. (6) Install MTS on librases/artification (10) construction (10)	Image: Participation of the conduction on minimum and distance and method method (2) (2) FACE. (4) N/A TO BEA (2) (2) FACE. (4) (2) Construct cripple wall same as shearwall (SW) above, and gable end same as shearwall (SW) below. (3) Fequines 30 (2) 25 foundation all plate (3) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	per manufacturer recommendations for boundation minimum and distance and methodment, despendional distance and methodment, despendional same as shearwall (SW) above, and gable-and same as shearwall (SW) block. T-1 MNTC48/83 101 MNLTS-102 FACE, (d) N/A HLL (3) (2) Construct cripple wall same as shearwall (SW) block. (3) Construct cripple wall same as shearwall (SW) block. T-2 MSTC52 (24) - 16d sinkers to each connected classient N/A HLL (3) (3) Requires 30 or (12) X fundings and insker=0.1487/35°. T-3 HDU4-SDS2.5 (22) - 130 S252.5 SSTB34 MIN. (6) Install HTs on F32/27, 1040-0.1487/37°. T-4 HDU4-SDS2.5 WOOD SCREWS SSTB28 MIN. (7) Minimum 3x or db12/23, 1046 (sill plate at f0) u.n.o. When specified spacing is seas than 24/0°. (install A32 at at of solid bulking to SW top plate, and install H1 or H2.5 on all trusses/enforts. T-5 HDU14-SDS2.5 WOOD SCREWS EMBEDMENT MIN. (1) All sheathing must be APA rated. S T-5 HDU14-SDS2.5 PAIR W, WI PMIN. MIN. (2) All sheathing must be APA rated. S SHEATWALL SCHEDULE Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: SIII. IFLATE ANCHO SIII. IFLAT	par manufacture recommendations for foundations minimum end T-1 MSTC48B3 [I00 NLTS.27, IC2 FACE, (4) N/A T0 BEA (2) Construct cripple wall same as shearwall (SW) below. (3) Requires 30x (2) 2x fondation as inplate N/A T-2 (3) Requires 30x (2) 2x fondation as inplate ():	MARK			FOUNDATION	CON
2) Construct cripple wall same as shearwall (SW) above, and able-and same as meanwall (SW) above, and (SW) above, above	(2) Construct cripple wall some as cheanwall (SW) above, and gable and same as shearwall (SW) above, and gable and same as shearwall (SW) above, and (S) Requires that or (2) 2x foundation sill price Tr2 MSTC52 (24) -16d sinkers to each or (24) - 16d sinkers to	2) Construct cripple wall same as shearwall (SW) above, and pable and same as shearwall (SW) below. 3) Requires 30 (2) 2x foundation sill plate 4 (a) (2) (24) (24) (25) (25) (25) (25) (25) (25) (25) (25	(2) Construct cripple wall same as shearwall (SW) above, and gale heard sime as shearwall (SW) bolow. 17.2 MSTC52 (24) - 164 sinkers to each construct dement N/A (3) Requires 3x or (2) 2x foundation sill plate (3) Required. T-3 HDU4-SDS2.5 WCOD SCREWS SSTB24 (10) - SIDS (252.5) (10) - SIDS (252.5) SSTB28 MIN. (10) - SIDS (252.5) (10) - SIDS (252.5) SSTB28 MIN. (10) - SIDS (252.5) (10) - SIDS (252.5) SSTB28 MIN. (10) - SIDS (252.5) (10) - SIDS (252.5) PAB W11* MIN MI specified spacing is less than 24% of con gables as throw oild bill to top plate (sill plate at fin) u.n.o.: When specified spacing is less than 24% of con gables as throw oild bill top oblics price with one bolic difference with one bolic bill top construct the H2.5 on all trussertaffers. T-5 HDU14-SDS2.5 WOOD SCREWS PAB W11* MIN MI (3) Anchor bolis shall be embedded at least 7* into concrete; three shall be are bolis per piece with one bolic per piece with one bolis per piece with one bolis per piece with one bolis per piece with one bolic per piece with one bolis per piec	(2) Construct origine wall same as shearwall (SW) above, and gable-off same as shearwall (SW) above, and complete as shearwall (SW) above, and complete as shearwall (SW) balow. Tr2 MSTC52 (24) -16d sinkers to each origination all pice. (3) Requires 3x or (2) 2x foundation all pice. Tr2 MSTC52 (20) -SIN6 (25:25.5 SSTB24 (10) -SIN8 (25:25.5 (10) -SIN8 (25:25.5 SSTB24 (10) -SIN8 (25:25.5 SSTB24 (10) -SIN8 (25:25.5 (10) -SIN8 (25:25.5 SSTB28 MIN.1 (10) -SIN8 (25:25.5 (10) -SIN8 (25:25.5 SSTB28 MIN.1 (10) -SIN8 (25:25.5 (10) -SIN8 (25:25.5 SSTB28 MIN.1 (10) -SIN8 (25:25.5 C20) -SIN8 (25:25.5 SSTB28 SINE PLATE SINE PLATE SCINE	(2) Construct cripple well same as the avail (SW) above, and gable end same as the avail (SW) below. (3) Requires 3x or (2) 2x foundation sill plate (3) Requires 3x or (2) 2x foundation sill plate (3) Requires 3x or (2) 2x foundation sill plate (10) -SDS 023.2.5 (4) Treaded rod and coupler as required. (10) -SDS 023.2.5 (10) -SDS 023.2.5 (10) -SDS 023.2.5 (5) Common mails, UNC 8dr-0.187 X27, 10d-0.148 X37, 1224°-0148° X37, 1224°-0148°-0148° X37, 1224°-0148° X37, 1224°-0148° X	(2) Construct cripple wall same as sharwall (SW) above, and gable-ned same as sharwall (SW) balow, and gable-ned same as sharwall (SW) balow, and gable-ned same as sharwall (SW) balow, and (S) Requires 3x or (2) 2x foundation sill price Tr.2 MSTC52 (24) - 16d sinkers to each order to and coupler as required. N:A (3) Requires 3x or (2) 2x foundation sill price (10) -SUB (252.5 SSTB24 (10) -SUB (252.5 SSTB24 (1) Install HTs or 182 x/5, 10d sinker-0, 148"x37, 1240-0, 148"x37, 1640-0, 152 x35, 164 sinker-0, 148"x37, 1640-0, 1520, and 1520, and 170, 100, 1500 cripts at tord solid tripse sinter 4x, 358 at tord solid tripse sinter 4x, 358 at tord solid tripse sinter 4x, 358 at tord solid tripse sinter 4x, 158 or an elember 4x, 458 at tord solid tripse sinter 4x, 158 or an elember 4x, 458 at tord solid tripse sinter 4x, 158 or an elember 4x, 458 at tord solid tripse sinter 500 criptse sinter 4x, 458 or 0 at tripse sinter 4x, 458 at tord solid tripse sinter 500 criptse sinter 4x, 458 at tord solid tripse sinter 500 criptse sinter 4x, 458 or 0 criptse tripse sinter 500 criptse sinter 500 cr		acturer recommendations for found	ation minimum end	T-1		10d NAILS - (12) FACE, (4)		TO BEAM BELOW
3) Requires \$x or (2) ≥ X foundation sill plate 4) Threaded rod and couple as required. 5) Common nais, UN0: 8d=0.131*20*; 10d=0.148*34*. 6) Install H15 on all tusses/afters, A35* at 24*/or con gables & im joist (or solid bile) to plate (sill plate at fin) u. n.; When perified solend(or solid bile) to plate (sill plate at fin) u. n.; When perified solend(or install A35* at aroof solid kile) to solid soles at invises/afters, LTP4. LTP5 or LS50 can be substituted for A35. Som, per Simpson Strong-Tie or equal. 7) Minimum 3x or dbl-2x stud lam'd wi (2)-16d @ 6* oc at builting panel edges. 6) Anchor oblis shall be a minimum of two bolis per place with one boli coated of tho piece. Zxmin PT, u.n.o. 9) All shadiltion - APPLY TO 2.510 BLOCKED Cated of the piece. Zxmin PT, u.n.o. 9) All shadiltion - APPLY TO 2.510 BLOCKED 0: All DGIS BLOCKED MARK 2x HEATHING - APPLY TO 2.510 BLOCKED (do not plate at fin) u. n.; was the APA rated. SHEATHING - APPLY TO 2.511 BLOCKED (do not peace the part hash) 0: All DGIS BLOCKED (do not peace the part hash) 11: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0:	(3) Requires 3x or (2) 2x foundation sill plate (4) Threaded road coupler as required. T-3 HDU4-SDS2.5 (10): SDS 0.25x2.5 SSTB24 (4) Trade dance oupler as required. (10): SDS 0.25x2.5 SSTB24 (10): SDS 0.25x2.5 SSTB24 (5) Common nais, UNC, 8d=0.131*x2/y, 10d=0.148*x37, 12d=0.148*x37, 10d=0.162*x34, 10d sinker=0.148*x37, inclusit (or solid blog) to top plate (sill plate at fm) u.n.o.; When specified spacing is less than 24*cloc, instal ASS at roof solid bling to SW top plate, and install H1 or H2.5 on all trassechrafters, 104-Cl, instal ASS at roof solid bling panel edges. T-3 HDU4-SDS2.5 (30): SDS 0.25x2.5 PAB W 11" MIN MIN, I (7) Minimum 3x or dbi-2x stud lam'd w(2):16d @ 6" oc at abuting panel edges. Index stall be a minimum of two bolts per piece with one bolt located not moust be APA rated. Index stall be a minimum of two bolts per piece with one bolt located not moust be APA rated. SHEARWALL SCHEDULE SHEATHING EACKEN MAILS *(5) wood screaters Name: Index stall be a minimum of two bolts per piece with one bolt located not moust be APA rated. SHEATHING EACK PLATE (b) All steatming must be APA rated. SHEATHING EACK PLATE (b) All steatming must be APA rated. SHEATHING EACK PLATE (c) All steatman request be approximate approximate approximate approximate approximate approximate approximate approximate appr mane steatman request app	3) Requires 3x or (2) 2x foundation sill plate 4) Threaded toda docupte as required. 5) Common nais, UNO, 8d=0.131*02*7, 10d=0.148*37, 12d=0.148*33*, 12d=0.148*33*, 16d=0.162*33*, 16d=0.164*33*, 17d=0.148*33*, 17d=0.148*,	(3) Requires 3x or (2) 2x bundation sill plate (4) Threaded rod and coupler are required. T-3 HDU4-SDS2.5 Woodd SCREWS Woodd SCREWS SSTB24 (1) (10) Red-0.143*X37*, 16d soliter=0.148*X37*, 12d=0.148*X37*, 16d soliter=0.148*X37*, 16d soliter=0.148*X37*, 16d soliter=0.148*X37*, 12d=0.148*X37*, 16d=0.148*X37*, 12d=0.148*X37*, 12d=0.148*X37*, 12d=0.148*X37*, 12d=0.14	(3) Pequires 3x or (2) 2x foundation sill plate (4) Threader of and couple as required. (5) Common nais, UNO, 8d=0.131*22/X, 10d=0.148*33, 12d=0.148*33, 12d=0.148*33/X, 16d=0.162*3/X, 16d=0.16	(1) Requires 3x or (2) 2x foundation sill plate (4) Treaded of and coupler as required. (1) Treaded of and coupler as required. (1) Striket 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	(3) Requires 3x or (2) 2x foundation sill plate (4) Threaded road coupler as required. T-3 IIDU4-SDS2.5 WOOD SCREWS WOOD SCREWS SSTB24 (5) Common nais, UNO; 8d=0.131*x2/y, 12d=0.148*x3/y, 16d=0.162*x3/y, 16d=0.148*x3/y, 12d=0.148*x3/y, 16d=0.162*x3/y, 16d=0.148*x3/y, 17-5 IIDU4-SDS2.5 WOOD SCREWS SSTB28 MIN.1 (6) Install H*s on all trusser/afters, A35*s at 24*0c on gables at initions (or solid blig) to top plate (sill plate at fn) u.n.; When specified specifies (shar 14/z) for solid states fr into concrete; three shall be a minimum of two bolis per piece with one bolt located not more shall be embedded at least 7" into concrete; there shall be a minimum of two bolis per piece with one bolt located not must be APA rated. Date: Ibb #: Date: Ibb #: SHEATHING - APLY TO 2. LIT STUDS (8 16*%) UNO. BELOW *(9) SHEATHING EDDE NAILS *(5) ALL EDGES BLOCKED (do not peretate past flusb) BASE PLATE NAILS *(5) ROOF TO TOP PLATE K SILL, PLATE ANCHO 2. UNO. BELOW *(9) SHEATHING EDDE NAILS *(5) ALL EDGES BLOCKED (do not peretate past flusb) SN® 0x10* ABX @ 60 * oc or A35 @ 24 * oc or A35 @ 24 * oc or A35 @ 14 * oc or A35 @ 14 * oc or A35 @ 14 * oc or A35 @ 16 * oc SN® 0x10* ABX @ 26 * oc (12* oc field) Idd @ 4* oc (12* oc field) A35 @ 16 * oc SN® 0x10* ABX @ 24 * oc oc SN® 0x10* ABX @ 24 * oc (12* oc field)	(2) Const	ruct cripple wall same as shearwall		T-2	MSTC52	(24) - 16d sinkers to each	N/A	DEEC
5) Common nais, UNO: 8d=0.131*22/3, 10d=0.148*33/*. 6) Install H*s 7 HDUI4-SDS2.5 WOOD SCREWS SSTB28 MIN. T 6) Install H*s 6) Install H*s 7 HDUI4-SDS2.5 WOOD SCREWS SSTB28 MIN. T 6) Install H*s 6) Install H*s 7 HDUI4-SDS2.5 WOOD SCREWS SSTB28 MIN. T 6) Install H*s 6) Install H*s 6 6 </td <td>(a) Common nails, UNO. 84–0.131*22*; 104–0.148*33*; (b) Common nails, UNO. 84–0.131*22*; 104–0.148*33*; 12d=0.148*33/*; 16d=0.162*33*; 16d=0.148*33*; (c) T-1 HDU14-SDS2.5 (c) Common SDS00_SCREWS SSTB28 MIN. T (c) Install HTs on all trussestraters, A35* at 270 con gabes & rin point (or solid blk) to po plate (sill plate at floi) u. n.; When specified spaced black and install H1 or H2.5 on all T.5 HDU14-SDS2.5 (c) SDS0_SCREWS PABS W111*MIN MIN. T (c) Install HTs on all trussestraters, A35* at 270 con gabes that all the rH2.5 on all T.5 HDU14-SDS2.5 (c) SDS0_SCREWS PABS W111*MIN MIN. T (d) Anchor botts shall be embedded at least T* into concrete; there shall be a minimum of two bolts per piece with one bott icarecters from each end of the piece. 2x min PT, u. n. (c) Concrete State State acces hold idameters from each of the piece. 2x min PT, u. n. (c) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) SHEATHING EDGE NALLS *(S)<td>§) Common nais, UNO: 6d=0.131*22*, 10d=0.148*33'.; Image: 5d common nais, UNO: 6d=0.131*22*, 10d=0.148*33'.; Image: 5d common nais, UNO: 6d=0.131*22*, 10d=0.148*33'.; Image: 5d common nais, UNO: 6d=0.131*22*, 114*10*10*10*10*10*10*10*10*10*10*10*10*10*</td><td>(a) Common nails, UNO. 84-0, 131*22*, 104-0, 148*33*. (b) Common nails, UNO. 84-0, 131*22*, 104-0, 148*33*. (b) Install HT's on all trussestraters, A35* at 270 con gales & trin jois (or solid blk)) to top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk into solid blk top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch total A35* at roof solid blk into solid shall ble or PLATE; there shall be a minimum of two bolts per piece with one bolt care to than 12*0 result diameters from each of the piece. Zx min FT, u.n.o. T.5 HDU14-SDS2.5 WOOD SCREWS PAB8 Wi, II*MIN MIN (b) Anchor bolts shall be embedded at least 7* into concrete; there shall be a minimum of two bolts per piece with one bolt care dot not perform and trusses than seven hob bil tabething must be APA rated. Data: Data:</td><td>(a) Common nais, UNO. 3d=0.13172/237, 10d=0.148737, 12d=0.148737, 16d=0.1627337, 16d=0.162733737, 16d=0.162733737, 16d=0.162733737, 16d=0.162733737, 16d=0.</td><td>(a) Common nails. (UNC). 847-01.317:227:: 104-01.487:33". (b) Common nails. (UNC). 847-01.317:227:: 104-01.487:33". (b) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (or solid blk) to top plate (sill pate at fdn) u.n.o.: When specified space is less than 24% of or solid blk. T-5 HDU14-SDS2.5 (20) - SDS 0.25X.25 PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (or solid blk) top plate (sill pate at fdn) u.n.o.: When specified space is less than 24% of or gable. T-5 HDU14-SDS2.5 (20) - SDS 0.25X.25 PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (do not peed to a specified space is less than 24% of or solid blk. The or equal. T-5 HDU14-SDS2.5 WOOD SCREWS PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & minimum of two bolts per piece with one bolt located ont more than 12° or less than seven bolt diameters from each of the piece. 2xm in PT, u.n.o. Image: Common co</td><td>(a) Common nails. UNO: 84-0.131*22*; 106-0.148*33*; 12d-0.148*33/*; 16d sinker=0.148*33/*; 12d-0.148*33/*; 16d sinker=0.148*33/*; (b) Instill H*s on all trusses/arbites, A35* at 276 con gables & im joist (or solid blkg) to top plate (sill plate at fail) u.n.o.; When specified spacing is less than 24* of ice, install A35% at roof solid bik/ing to SW top plate, and install H*t or H2.5 on all trusses/arbites, LTP4, LTP5 or LS05 can be substituted for A35. T.5 HDU14-SDS2.5 (20) - ST05 0.0552.5 WOOD SCREWS PAB8 W/11* MIN MIN. I (f) Minimum 3x or dbi-2x stud lam'd W (2)-16d @ 6* o'c at abuting panel edges. T.5 HDU14-SDS2.5 (36) - SD5 0.0552.5 WOOD SCREWS PAB8 W/11* MIN MIN. I (g) Anchro bots shall be embedded at least 7* into concrete; there shall be a minimum of two bolts per piece with one bott located not more shall be est than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or</td><td>(3) Requi</td><td>res 3x or (2) 2x foundation sill plate</td><td></td><td>T-3</td><td>HDU4-SDS2.5</td><td>(10) - SDS 0.25x2.5</td><td></td><td><u> </u></td></td>	(a) Common nails, UNO. 84–0.131*22*; 104–0.148*33*; (b) Common nails, UNO. 84–0.131*22*; 104–0.148*33*; 12d=0.148*33/*; 16d=0.162*33*; 16d=0.148*33*; (c) T-1 HDU14-SDS2.5 (c) Common SDS00_SCREWS SSTB28 MIN. T (c) Install HTs on all trussestraters, A35* at 270 con gabes & rin point (or solid blk) to po plate (sill plate at floi) u. n.; When specified spaced black and install H1 or H2.5 on all T.5 HDU14-SDS2.5 (c) SDS0_SCREWS PABS W111*MIN MIN. T (c) Install HTs on all trussestraters, A35* at 270 con gabes that all the rH2.5 on all T.5 HDU14-SDS2.5 (c) SDS0_SCREWS PABS W111*MIN MIN. T (d) Anchor botts shall be embedded at least T* into concrete; there shall be a minimum of two bolts per piece with one bott icarecters from each end of the piece. 2x min PT, u. n. (c) Concrete State State acces hold idameters from each of the piece. 2x min PT, u. n. (c) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) ROOF TO TOP P1ATE, SILL PLATE ANCHOI SH*(S) SHEATHING EDGE NALLS *(S) SHEATHING EDGE NALLS *(S) <td>§) Common nais, UNO: 6d=0.131*22*, 10d=0.148*33'.; Image: 5d common nais, UNO: 6d=0.131*22*, 10d=0.148*33'.; Image: 5d common nais, UNO: 6d=0.131*22*, 10d=0.148*33'.; Image: 5d common nais, UNO: 6d=0.131*22*, 114*10*10*10*10*10*10*10*10*10*10*10*10*10*</td> <td>(a) Common nails, UNO. 84-0, 131*22*, 104-0, 148*33*. (b) Common nails, UNO. 84-0, 131*22*, 104-0, 148*33*. (b) Install HT's on all trussestraters, A35* at 270 con gales & trin jois (or solid blk)) to top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk into solid blk top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch total A35* at roof solid blk into solid shall ble or PLATE; there shall be a minimum of two bolts per piece with one bolt care to than 12*0 result diameters from each of the piece. Zx min FT, u.n.o. T.5 HDU14-SDS2.5 WOOD SCREWS PAB8 Wi, II*MIN MIN (b) Anchor bolts shall be embedded at least 7* into concrete; there shall be a minimum of two bolts per piece with one bolt care dot not perform and trusses than seven hob bil tabething must be APA rated. Data: Data:</td> <td>(a) Common nais, UNO. 3d=0.13172/237, 10d=0.148737, 12d=0.148737, 16d=0.1627337, 16d=0.162733737, 16d=0.162733737, 16d=0.162733737, 16d=0.162733737, 16d=0.</td> <td>(a) Common nails. (UNC). 847-01.317:227:: 104-01.487:33". (b) Common nails. (UNC). 847-01.317:227:: 104-01.487:33". (b) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (or solid blk) to top plate (sill pate at fdn) u.n.o.: When specified space is less than 24% of or solid blk. T-5 HDU14-SDS2.5 (20) - SDS 0.25X.25 PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (or solid blk) top plate (sill pate at fdn) u.n.o.: When specified space is less than 24% of or gable. T-5 HDU14-SDS2.5 (20) - SDS 0.25X.25 PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (do not peed to a specified space is less than 24% of or solid blk. The or equal. T-5 HDU14-SDS2.5 WOOD SCREWS PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & minimum of two bolts per piece with one bolt located ont more than 12° or less than seven bolt diameters from each of the piece. 2xm in PT, u.n.o. Image: Common co</td> <td>(a) Common nails. UNO: 84-0.131*22*; 106-0.148*33*; 12d-0.148*33/*; 16d sinker=0.148*33/*; 12d-0.148*33/*; 16d sinker=0.148*33/*; (b) Instill H*s on all trusses/arbites, A35* at 276 con gables & im joist (or solid blkg) to top plate (sill plate at fail) u.n.o.; When specified spacing is less than 24* of ice, install A35% at roof solid bik/ing to SW top plate, and install H*t or H2.5 on all trusses/arbites, LTP4, LTP5 or LS05 can be substituted for A35. T.5 HDU14-SDS2.5 (20) - ST05 0.0552.5 WOOD SCREWS PAB8 W/11* MIN MIN. I (f) Minimum 3x or dbi-2x stud lam'd W (2)-16d @ 6* o'c at abuting panel edges. T.5 HDU14-SDS2.5 (36) - SD5 0.0552.5 WOOD SCREWS PAB8 W/11* MIN MIN. 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(b) Common nails, UNO. 84-0, 131*22*, 104-0, 148*33*. (b) Install HT's on all trussestraters, A35* at 270 con gales & trin jois (or solid blk)) to top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk) top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch, totall A35* at roof solid blk into solid blk top pate (sill pate at fun) u.n.o.; When specified spacing is tess than 24*0 ch total A35* at roof solid blk into solid shall ble or PLATE; there shall be a minimum of two bolts per piece with one bolt care to than 12*0 result diameters from each of the piece. Zx min FT, u.n.o. T.5 HDU14-SDS2.5 WOOD SCREWS PAB8 Wi, II*MIN MIN (b) Anchor bolts shall be embedded at least 7* into concrete; there shall be a minimum of two bolts per piece with one bolt care dot not perform and trusses than seven hob bil tabething must be APA rated. Data:	(a) Common nais, UNO. 3d=0.13172/237, 10d=0.148737, 12d=0.148737, 16d=0.1627337, 16d=0.162733737, 16d=0.162733737, 16d=0.162733737, 16d=0.162733737, 16d=0.	(a) Common nails. (UNC). 847-01.317:227:: 104-01.487:33". (b) Common nails. (UNC). 847-01.317:227:: 104-01.487:33". (b) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (or solid blk) to top plate (sill pate at fdn) u.n.o.: When specified space is less than 24% of or solid blk. T-5 HDU14-SDS2.5 (20) - SDS 0.25X.25 PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (or solid blk) top plate (sill pate at fdn) u.n.o.: When specified space is less than 24% of or gable. T-5 HDU14-SDS2.5 (20) - SDS 0.25X.25 PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & min pist (do not peed to a specified space is less than 24% of or solid blk. The or equal. T-5 HDU14-SDS2.5 WOOD SCREWS PAB8 W.117 MIN MIN (c) Install HT's on all trusses/inflers. A35:: at 27% or on gables & minimum of two bolts per piece with one bolt located ont more than 12° or less than seven bolt diameters from each of the piece. 2xm in PT, u.n.o. Image: Common co	(a) Common nails. UNO: 84-0.131*22*; 106-0.148*33*; 12d-0.148*33/*; 16d sinker=0.148*33/*; 12d-0.148*33/*; 16d sinker=0.148*33/*; (b) Instill H*s on all trusses/arbites, A35* at 276 con gables & im joist (or solid blkg) to top plate (sill plate at fail) u.n.o.; When specified spacing is less than 24* of ice, install A35% at roof solid bik/ing to SW top plate, and install H*t or H2.5 on all trusses/arbites, LTP4, LTP5 or LS05 can be substituted for A35. T.5 HDU14-SDS2.5 (20) - ST05 0.0552.5 WOOD SCREWS PAB8 W/11* MIN MIN. I (f) Minimum 3x or dbi-2x stud lam'd W (2)-16d @ 6* o'c at abuting panel edges. T.5 HDU14-SDS2.5 (36) - SD5 0.0552.5 WOOD SCREWS PAB8 W/11* MIN MIN. I (g) Anchro bots shall be embedded at least 7* into concrete; there shall be a minimum of two bolts per piece with one bott located not more shall be est than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or less than seven bott located not more than 12* or	(3) Requi	res 3x or (2) 2x foundation sill plate		T-3	HDU4-SDS2.5	(10) - SDS 0.25x2.5		<u> </u>
6) Install H1's on all trusses/rafters, A35's at 24'o/c on gables & mipication of the probability of polate (all plate at thin) u.o., When perified space in a distribution of the PLS on all starts at 24'o/c, install A55's at 25's at 25's at 25's at 25's at 25's at 25's at 24'o/c, install A55's at 24'o/c, install A55's at 25's at 25'	(6) Install H1's on all trusses/rafters, A35's at 24°o'c on gables à i'm jois (or sold blk) to top plate (sill plate at (fn) u.n.o.; When specified spacing is less than 42°o'c, install A35's at rot 30° at 10° at 10° at 10° at 25° on all trusses/rafters. LTP5 or LS50 can be substituted for A35. (0) A000 SCREWS PABR W/ 11° MIN EMBEDMENT MID 7.7 Himit and H1 or H2.5 on all stall H1 or H2.5 on all state H1 or H2.5 on all trusses/rafters. LTP5 or LS50 can be substituted for A35. T-5 HDU14-SDS2.5 (36) A550 C352.25 PABR W/ 11° MIN EMBEDMENT MID (9) Anchro Tobits shall be embedded at least 7″ into concrete: there shall be a minimum of two bolts per piece with one bolt located not more than 12° or 100° strast may enve bolt diameters from each end of the piece. 2x min PT, u.n.o. (1) Concrete Strast Stra	6) Install H's on all trusses/rafters, A35's at 24"o/c on gables & im joist (or solid blkg) to top plate (sill plate at (fm) u. n.o.; When perfects apacing is less than 32% of constants and the probability of the perfect apacing is less than 32% of constants and the probability of the perfect apacing is less than 32% of constants and the perfect apacing is less than 32% of constants and the perfect apacing is less than 32% of constants and the perfect apacing is less than 32% of th	(6) Install H1's on all trusses/rafters, A35's at 24'o/c on gables & im joist (or solid blk) to top plate (sill plate at (fn) u.n.o.; When specified spacing is less than 42'o/c, install A35's at rot of solid blk. T-5 HDU14-SDS2.5 (36) - DSD 0.25x2.5 PABS W/ 11" MIN EMBEDMENT MI specified space in the specified	(6) Install H1's on all trusses/rafters, A35's at 24°o/c on gables & imipist (or solid blk)) to top plate (sill plate at (fm) u.n.o.; When specified spacing is less than 345's at root solid blk in trusses/rafters, LTP5 or LS50 cashes. PABR W/ 11" MIN EMBEDMENT MI T-5 HDU14-SDS2.5 (i6) - SDS 0.25×2.5 PABR W/ 11" MIN EMBEDMENT MI conn. per Simpson Strong-Tie or equal. T-5 HDU14-SDS2.5 (i6) - SDS 0.25×2.5 PABR W/ 11" MIN EMBEDMENT MI (i7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at abutting panel edges. Imige and install H1 or H2.5 on all trusses/rafters hand be ambedided at least 7" into concrete; there shall be a minimum of two bolts per piece with noe bolt located not more than 12" or itess than seven bolt diameters from each of the piece. 2x min PT, u.n.o. Imige and itematical method w/ 11" MIN EDGE NAILS *(5) BASE PLATE ROOF TO TOP PLATE, SILL PLATE NACHO 3" x 3" x 1/4" WASHED MARK SHEATHING - APPLY TO 2x HH STUDS @ 16" o'c SHEATHING FEGE NAILS *(5) BASE PLATE NAILS *(5) ROOF TO TOP PLATE, SILL PLATE NACHO 3" x 3" x 1/4" WASHED P1-6 7/16" OSB 8d @ 6" o'c (12" o'c field) Id @ 12" o'c or A35 @ 24" o'c 5/8"0x10" ABS @ 42" o'c P1-1 7/16" OSB *(7) 8d @ 2" o'c staggered Id @ 4" o'c A35 @ 16" o'c 5/8"0x10" ABS @ 24" o'c P1-2 7/16" OSB *(7) 8d @ 2" o'c staggered Id @ 4" o	(6) Install H1's on all trusses/rafters, A35's at 24°0/c on gables & moist (or solid blkg) to top plate (sill plate at (fm) u.n.o.; When specified spacing is less than 345's at rot solid blkg in the 24°0/c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A35's at rot solid blkg in the X40 c, install A10 c, it is the X40 c at abuting panel edges. T-5 HDUI4-SDS2.5 (30.005 SCREWS) PAB8 W/11" MIN EMBEDMENT MI (7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at abuting panel edges. (3) Anchro botts shall be embedded at least 7" into concrete; there shall be a minimum of two botts per piece with one bott located ont more than 12" or less than seven bott diameters from each end of the piece. 2x min PT, u.n.o. MI (9) All sheathing must be APA rated. SHEATHING EDGE NAILS *(5) and a stall bab in the bott located ont more than 12" or located on the mentare panel habb in the bott located on the piece. 2x min PT, u.n.o. BASE PLATE NCHO STO TOP PLATE SILL PLATE NCHO 3" x 3" x 1/4" WASIFF look PLATE *(5) and x 3" x 1/4" WASIFF look PLATE *(6) and x 3" x 3" x 1/4" WASIFF look PLATE *(7) and a stall bab in the V1 or located on the piece and on the locate at a but in the V1 or located on the piece with an elementare pan habb in bab in the V1 or locate and the piece at the viece in the V1 or locate and the piece at the viece in the piece at the viece in the piece at the viece at the viece in the viece in the piece at the viece at the viece at the viece at the viece at the	(6) Install H1's on all trusses/rafters, A35's at 24°o/c on gables & fin joist (or solid bikly) to top plate (all plate at fdn) u.n.o.; When specified spacing is less than Ave/loc, Install AdS's at roof solid bikly to SW top plate, and install H1 or H2.5 on all trusses/rafters. LTP4, LTP5 or LS50 can be substituted for A35. Con., per Smpson Strong-Tie or equal. T-5 HDU14-SDS2.5 (36) - DSN 0.552.5 PABR W/ 11" MIN EMBEDMENT MI (7) Minimum 3x or dbi-2x stud lam'd w/ (2)-16d @ 6" of c at abutting panel edges. Image: Construction of the problem of the pro	(5) Comn	non nails, UNO: 8d=0.131"x2½", 10c				(20) - SDS 0.25x2.5		MIN D
Im joist (or solid blkg) to top plate (sill plate at fdn) u.n.o.; When perfected spacing is less than 344 rd/or, (nstall AdS's at roof solid uking to SW top plate, and install H or H2.5 on all uses fraines.; LTP4, LTP5 or LSS0 can be substituted for A35. conn. per Simpson Strong-Tie or equal. Implicit SUS2.3 WOOD SCREWS EMBEDMENT MIT 7) Minimum 3x or dbl-2x stud lam'd w(2):16d @ 6" of c at butting panel edges. Implicit SuS2.3 Impl	imin joist (or solid blkg) to top plate (sill plate at fdn) un.o.; When specified spacing is less than 24% c, install M35% at root 50% of the M35% at root 50% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Imin 13% of LSO can be substituted for A35. Conn. per Simpson Strong-Tie or Simpson Str	Imin jost (or solid blkg) to top plate (sill plate at fdn) u.n.o; When perfected spacing is less than 324 ord/o; Install ASS at root solid six transform of the PLS on all urges/raffers. LTP4, LTP5 or LSSO can be substituted for ASS. Conn. per Simpson Strong-Tie or equal. 11-5 HDU14*SUS2-3 WOOD SCREWS EMBEDMENT NII. 7) Minimum 3x or dbl-2x stud lam'd wl (2)-16d @ 6" olc at botting panel edges. Anchor botts shall be embedded at least 7" into concrete; here shall be a minimum of two bolts per piece with one bolt coated not more than 12" or leas than seven bol diameters from each end of the piece. 2x min PT, u.n.o. 9) All sheathing must be APA rated. Date: Job 7: Job	imin joint joint joint op plate (sill plate at fan) un.o.; When specified spacing is less than 24°/c, install A36's at root solid blking to SW top plate, and install H1 or H2.5 on all strusses/inferse. LTP4, LTP5 or LSS0 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Image: Simpson Strong-Tie ore	imin joist (or solid bikly) to top plate (sill plate at fm) un.o.: When specified space and install H1 or H2.5 on all trusses/infers, LTP4, LTP5 or LSS0 can be substituted for A35. Com. per Simpson Strong-Tie or equal. Imin Joint A35 at rof 50 at 10 at 1	iming is (or solid blkg) to top plate (sill plate at fah) un.o.; When specified spacing is less than 24% c, install 43% at root 34%; and 44%; and	Impoint (or solid blkg) to top plate (sill plate at fdn) un.o.; When specified spacing is less than 24%, install A35 st rot of solid blk'ing to SW top plate, and install H1 or H2.5 on all trussevarlates. LTP4 LTP5 or LSS0 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Impoint SW 200 SCREWS EMBEDMENT MIL (7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at abutting panel edges. Impoint SMIL B40 (2) - 16d @ 6" o/c at abutting panel edges. Impoint SMIL B40 (2) - 16d @ 6" o/c at abutting panel edges. Impoint SMIL B40 (2) - 16d @ 6" o/c at abutting panel edges. Impoint SMIL B40 (2) - 16d @ 6" o/c at abutting panel edges. Impoint SMIL B40 (2) - 16d @ 6" o/c at abutting panel edges. Impoint SMIL B40 (2) - 16d @ 6" o/c (2) - 16d @ 10 - 0'c - 158 * 0'x10" AB's @ 16" o/c - 1716" OSB *(7) SHEATHING EDGE MAILS *(5) SHEATE FLINE EDULE SHEATHING EDGE MAILS *(5) <td>(6) Install</td> <td>H1's on all trusses/rafters, A35's at</td> <td>24"o/c on gables &</td> <td></td> <td></td> <td></td> <td></td> <td></td>	(6) Install	H1's on all trusses/rafters, A35's at	24"o/c on gables &					
usses/rafters. LTP4, LTP5 or LS50 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. 7) Minimum 3x or dbl-2x stud lam'd w(2)-16d @ 6° o/c at biotifung panel edges. 8) Anchor bolts shall be embedded at least 7° into concrete; here shall be embedded at least 7° into concrete; here shall be aminimum of two bolts per piece with one bolt diameters from each end of the piece. 2x min PT, u.n.o. 9) All sheathing must be APA rated. Date: 10.00 FTO TOP PLATE, FLOOR TO TOP PLATE, FLOOR TO TOP PLATE, FLOOR TO TOP PLATE, WALL SCHEDULE MARK SHEATHING - APPLY TO 2X HEATHING EDGE NAILS *(5) U.N.O. BELOW *(9) SHEATHING EDGE NAILS *(5) BASE PLATE NOT TO TO PLATE, FLOOR TO TOP PLATE, FLOOR TO TOP PLATE, WALL SCHEDULS SHLL PLATE ANCHOR 3" x 3" x 1/4" WASHER P1-6 7/16" OSB 8d @ 6° o'c (12" o'c field) 16d @ 12 " o'c or A35 @ 24 " o'c 5/8"0x10" AB's @ 60 " o'c P1-4 7/16" OSB 8d @ 4" o'c (12" o'c field) 16d @ 4" o'c A35 @ 16 " o'c 5/8"0x10" AB's @ 42 " o'c P1-4 7/16" OSB *(7) 8d @ 3" o'c (12" o'c field) 16d @ 4" o'c A35 @ 16 " o'c 5/8"0x10" AB's @ 42 " o'c P1-2 7/16" OSB *(7) 8d @ 2" o'c staggered (12" o'c field) 16d @ 4" o'c A35 @ 16 " o'c 5/8"0x10" AB's @ 24 " o'c P1-2 7/16" OSB *(7) 8d @ 2" o'c staggered (12" o'c field) 16d	trusses/raters. LTP4, LTP5 or LS50 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. (7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" ok at abutting panel edges. (8) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per jece with one bolt to located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less than seven bolt diameters from located not more than 12" or less	russes/rafters. LTP4, LTP5 or LS50 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. Image: Connect Conneconnect Connect Connect Connect Connect Connect Connec	trusses/raters. LTP4, LTP5 or LSS0 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. (7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" of c at abutting panel edges. Image: Colspan="2">Conn. per Simpson Strong-Tie or equal. (8) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per jece with one bolt to immeters from located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Date: Image: Colspan="2">Conc. SHEARWALL SCHEDULE Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Colspan="2">Conc. Mark (2) SHEARWALL SCHEDULE Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Date: Image: Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2">Colspan="2"Colspa	trusses/afters. LTP4, LTP5 or LS50 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. (7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o'c at abutting panel edges. (8) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per jece with one bolt diameters from each end of the piece. 2x min PT, u. n.o. (9) All sheathing must be APA rated. SHEARWALL SCHEDULE Date: Job #: MARK (2) SHEATHING - APLY TO 2x HF STUDS@ 16"o'c SHEATHING EDGE NAILS *(5) MARK SHEATHING - MPLY TO 2x HF STUDS@ 16"o'c SHEATHING EDGE NAILS *(5) MARK SHEATHING - MPLY TO 2x HF STUDS@ 16"o'c SHEATHING EDGE NAILS *(5) MARK SHEATHING - MPLY TO 2x HF STUDS@ 16"o'c SHEATHING edge not be precision of the precision of t	trusses/raters. LTP4, LTP5 or LSS0 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. (7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" of c at abutting panel edges. Image: Colspan="2">Conn. per Simpson Strong-Tie or equal. (8) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per jece with one bolt to immeters from located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Date: Image: Colspan="2">Conc. SHEARWALL SCHEDULE Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Colspan="2">Conc. Mark (2) SHEARWALL SCHEDULE Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Date: Image: Colspan="2">Image: Colspan="2">Date: Image: Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2">Colspan="2"Colspa	trusses/raters. LTP4, LTP5 or LSS0 can be substituted for A35. Conn. per Simpson Strong-Tie or equal. (7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6° of c at abutting panel edges. (a) Anchor bolts shall be embedded at least 7° into concrete; there shall be a minimum of two bolts per jece with one bolt to concrete; there shall be embedded at least 7° into concrete; there shall be embedded embed	specified a	spacing is less than 24"o/c, install A	35's at roof solid	T-5	HDU14-SDS2.5			MIN
7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at butting panel edges. a	(7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at abutting panel edges. Image: Constraint of the cons	7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at labuting panel edges. Image: Constraint of the piece with one bolt concrete; here shall be an innimum of two bolts panel piece with one bolt cocated not more than 12" or less than seven bolt diameters from 39 All sheathing must be APA rated. Date: Intervention of the piece. 2x min PT, u.n.o. 9 All sheathing must be APA rated. Date: Intervention of the piece. 2x min PT, u.n.o. SHEATHING - APPLY TO SHEATHING - APPLY TO Colspan="2">Colspan="2">Date: Intervention of the piece. 2x HF STUDS @ 16" or loc MARK 2x HF STUDS @ 16" or loc UN.O. BELOW *(9) Operating EDGE NAILS *(5) AL HE DGES BLOCKED Date: Intervention of the piece of the pi	(1) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at abutting panel edges. Image: Constraint of the shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. Image: Constraint of the piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. SHEARWALL SCHEDULE Date: Indo Image: Constraint of the piece with one piece with one piece with one piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. Image: Constraint of the piece. 2x min PT, u.n.o. SHEARWALL SCHEDULE Date: Indo Image: Constraint of the piece. 2x min PT, u.n.o. Image: Constraint of the piece. 2x min PT, u.n.o. MARK SHEATHING - APPLY TO 2x HE STUDS @ 16" ock SHEATHING EDGE NAILS "(5) BASE PLATE NAILS *(5) ROOF TO TOP PLATE, FLORE To D' PLATE (0 on piectrate piece flash) SILL PLATE *(6) 3" x 3" x 1/4" WASHED P1-6 7/16" OSB 8d @ 6" o'c (12" o'c field) 16d @ 12 " o'c H1 @ 24 " o'c 5/8" Øx10" AB's @ 60 " o'c P1-4 7/16" OSB *(7) 8d @ 3" o'c (12" o'c field) 16d @ 4 " o'c A35 @ 16 " o'c 5/8" Øx10" AB's @ 42 " o'c P1-2 7/16" OSB *(7) 8d @ 3" o'c (12" o'c field) 16d @ 3 " o'c A35 @ 16 " o'c 5/8" Øx10" AB's @ 16	(7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at abutting panel edges. (a) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per pice with one bolt located not more than 12" or least than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. (a) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per pice with one bolt diameters from each end of the piece. 2x min PT, u.n.o. (b) All sheathing must be APA rated. Date: Lob #: Date: Lob #: SHEATHING - APPLY TO SHEATHING - APPLY TO SHEATHING - APPLY TO Colspan="2">Date: Lob #: Colspan="2">Date: Lob #: UNO. BELOW *(9) Openetrate past flush) P1-6 7/16" OSB Sd @ 6" o'c (12" o'c field) I6d @ 1 o'c S/8"ØX10" AB's @ 60 " o'c P1-4 7/16" OSB *(7) Sd @ 2" o'c staggered IC2 o'c field) I6d @ 3 " o'c (12" o'c field) P1-2 7/16" OSB *(7) Sd @ 2" o'c staggered IC2 o'c field) I6d @ 3" o'c (12" o'c field) I6d @ 3 " o'c S/8"ØX10" AB's @ 16 " o'c ' S/8"ØX10" AB's @ 16 " o'	(7) Minimum 3x or dbi-2x stud lam'd w/ (2)-16d @ 6" o/c at abutting panel edges. Image: Constraint of the cons	(7) Minimum 3x or dbl-2x stud lam'd w/ (2)-16d @ 6" o/c at abutting panel edges. Image: Constraint of the studies of the stud	trusses/ra	fters. LTP4, LTP5 or LS50 can be s						
butting panel edges. B) Anchor bolts shall be embedded at least 7" into concrete; here shall be a minimum of two bolts per piece with one bolt coated not more than 12" or less than seven bolt diameters from ach end of the piece. 2x min PT, u.n.o. P) All sheathing must be APA rated. SHEARWALL SCHEDULE SHEATHING - APPLY TO XH FSTUDS @ 16"o/c U.N.O. BELOW *(9) HA SHEAGE SHOCKED (do not penetrate past flush) P1-6 7/16" OSB 8d @ 4" o/c (12" o/c field) P1-2 7/16" OSB *(7) 8d @ 3" o/c (12" o/c field) P1-2 7/16" OSB *(7) 8d @ 3" o/c (12" o/c field) 16d @ 4" o/c 12" o/c field) 16d @ 4" o/c 135 @ 16" o/c 14" o/c 158"0X10" AB's @ 14" o/c * 158"0X10" AB's @ 14" o/c * 12" o/c field) 16d @ 4" o/c 12" o/c field) 16d @ 4" o/c 14" o/c 158"0X10" AB's @ 14" o/c * 158"0X10" AB's @ 14" o/c * 158"0	abuting panel edges. (8) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min FT, u.n.o. (9) All sheathing must be APA rated. SHEATHING - APPLY TO 2x HF STUDS @ 16" o'c 1x HF STUDS @ 10" o'c 1x	babuting panel edges. 8) Anchor bolts shall be a minimum of two bolts per piece with one bolt coated not more than 12° or less than seven bolt diameters from 9) All sheathing must be APA rated. SHEARWALL SCHEDULE MARK (2) SHEATHING - APPLY TO 2x HF STUDS @ 16°o'c U.N.O. BELOW *(9) SHEATHING EDGE NALLS *(5) (do not penetrate past flush) P1-6 7/16° OSB 8d @ 6° o'c (12° o'c field) 16d @ 6 ° o/c P1-4 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 6 ° o/c P1-2 7/16° OSB *(7) 8d @ 3° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8(7) 8d @ 3° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d % 3d @ 4° o'c (12° o'c field) 16d @ 4 ° o/c P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB 8d Sides *(7) 8d @ 2° o'c staggered P1-2 7/16° OSB	abuting panel edges. (8) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. (9) All sheathing must be APA rated. SHEATHING - APPLY TO 2x HF STUDS @ 16" orc 1X HF STUDS @ 10" orc 1X	abutting panel edges. (B) Anchor bolts shall be embedded at least 7" into concrete; (B) Anchor bolts shall be embedded at least 7" into concrete; Image: Concrete into a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. Image: Concrete into a minimum of two bolts per piece with one bolt (B) All sheathing must be APA rated. Image: Concrete into a minimum of two bolts per piece with one bolt Image: Concrete into a minimum of two bolts per piece with one bolt (B) All sheathing must be APA rated. Image: Concrete into a minimum of two bolts per piece with one bolt Image: Concrete into a minimum of two bolts per piece with one bolt MARK SHEATHING - APPLY TO SHEATHING - APPLY TO SHEATHING - APPLY TO Image: Concrete into a minimum of two bolts a minimum of two bolts per piece with one percentate past flush) Image: Concrete into a minimum of two bolts a minimum of two bolts and the piece. 2x minimu	abuting panel edges. (8) Anchor bolts shall be embedded at least 7" into concrete; there shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2xmin PT, u.n.o. (9) All sheathing must be APA rated. Date: Inter shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from each end of the piece. 2xmin PT, u.n.o. (9) All sheathing must be APA rated. SHEARWALL SCHEDULE Date: Inter Study of the piece. 2xmin PT, u.n.o. (12) All sheathing must be APA rated. Date: Inter Study of the piece. 2xmin PT, u.n.o. (12) All sheathing must be APA rated. MARK *(2) SHEATHING - APPLY TO 2x HF STUDS @ 16" oc U.N.O. BELOW *(9) SHEATHING EDGE NALLS *(5) (do not penetrate past flash) BASE PLATE NAILS *(5) ROOF TO TOP PLATE, FLOOR TO TOP PLATE, SILL PLATE *(6) SILL PLATE ANCHO 3" x 3" x 1/4" WASHEI P1-6 7/16" OSB 8d @ 6" oc (12" oc field) 16d @ 12 " o/c HI @ 24 " o/c or A35 @ 24 " o/c 5/8"Øx10" AB's @ 60 " o/c P1-4 7/16" OSB *(7) 8d @ 3" o(c (12" oc field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"Øx10" AB's @ 36 " o/c P1-2 7/16" OSB *(7) 8d @ 2" o'c insegred (12" o'c field) 16d @ 3 " o/c A35 @ 8 " o/c 5/8"Øx10" AB's @ 16 " o/c P2-2 7/16" OSB but Sides *(7) 8d @ 2" o'c staggered (12" o'c field) 16d @ 3 " o/c A35 @ 16 " o/c 5/8"Øx10" AB's @ 16	abutting panel edges. (8) Anchor bolts shall be embedded at least 1" into concrete; there shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from cache end of the piece. 2x min PT, u.n.o. Image: Concentration of the piece. 2x min PT, u.n.o. SHEATHING - APPLY TO (3) All sheathing must be APA rated. SHEATHING - APPLY TO (4) ALL EDGES BLOCKED (4) Or OT OP PLATE, 700 (4) Or OT OF PLATE, 700 (5) (4) Or other pertate past flash) BASE PLATE NALL SYSTEME NAILS *(5) ROOF TO TOP PLATE, 700 (7) OF PLATE, 700 (7) OF PLATE, 700 (7) OF PLATE, 700 (7) OF PLATE, 700 (7) (20 or of cicld) SILL PLATE 4(0) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7								
here shall be a minimum of two bolts per piece with one bolt boated not more than 12" or less than seven bolt diameters from soch end of the piece. 2x min PT, u.n.o. 9) All sheathing must be APA rated.	there shall be a minimum of two bolts per piece with one bolt located not more than 12° or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. (B) All sheathing must be APA rated.	here shall be a minimum of two bolts per piece with one bolt coated not more than 12" or less than seven bolt diameters from 9) All sheathing must be APA rated. SHEARWALL SCHEDULE	there shall be a minimum of two bolts per piece with one bolt located not more than 12° or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o. (B) All sheathing must be APA rated.	there shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from (9) All sheathing must be APA rated. SHEARWALL SCHEDULE	there shall be a minimum of two bolts per piece with one bolt located not more than 12" or less than seven bolt diameters from leach end of the piece. 2x min PT, u.n.o. (9) All sheathing must be APA rated. Date: Job #: SHEARWALL SCHEDULE Sheathing - APPLY TO U.N.O. BELOW *(9) SHEATHING EDGE NAILS *(5) ALL EDGES BLOCKED U.N.O. BELOW *(9) BASE PLATE ALL EDGES BLOCKED (do not penetrate past flush) ROOF TO TOP PLATE, & SILL PLATE *(6) SILL PLATE ANCHO 3" x 3" x 1/4" WASHEL P1-6 7/16" OSB 8d @ 6" o/c (12" o/c field) 16d @ 12 " o/c H1 @ 24 " o/c or A35 @ 24 " o/c 5/8"0x10" AB's @ 60 " o/c P1-3 7/16" OSB *(7) 8d @ 3" o/c (12" o/c field) 16d @ 4 " o/c A35 @ 16 " o/c 5/8"0x10" AB's @ 36 " o/c P1-2 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 3 " o/c A35 @ 8 " o/c 5/8"0x10" AB's @ 24 " o/c * P1-2 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 3 " o/c A35 @ 8 " o/c 5/8"0x10" AB's @ 24 " o/c * P2-2 7/16" OSB both Sides *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"0x10" AB's @ 24 " o/c * P2-2 7/16" OSB Both Sides *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"0x10" AB's @ 24 " o/c * <t< td=""><td>there shall be a minimum of two bolts per piece with one bolt located not more than 12° or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o (9) All sheathing must be APA rated. 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Image: Constraint of two bolts per piece with one bolt located not more than 12° or less than seven bolt diameters from (2) All sheathing on penetrate past flush) Image: Constraint of two bolts per piece with one bolt located not more than 12° or locate fluct (10 not penetrate past flush) Image: Constraint of two bolts per piece with one bolt located not more than 12° or locate fluct (12° or field) Ind @ 12° or c Image: Constraint of two bolts per piece with one bolt located not more than 12° or locate fluct (12° or field) Ind @ 3° or c A35 @ 16° or c 5/8°@x10° AB's @ 24° or c P1-2 7/16° OSB w(7) 8d @ 2° or c staggered (12° or field) Ind @ 3° or c A35 @ 16° or c 5/8°@x10° AB's @ 24° or c P1-2 7/16° OSB both Sides *(7) 8d @ 2° or c staggered (12° or c field) Ind @ 6° or c A35 @ 16° or c 5/8°@x10° AB's @ 42° or c P2-2 7/16° OSB both Sides *(7) 8d @ 2° or c staggered (12° or c fiel</td><td>abutting p</td><td>anel edges.</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	there shall be a minimum of two bolts per piece with one bolt located not more than 12° or less than seven bolt diameters from each end of the piece. 2x min PT, u.n.o (9) All sheathing must be APA rated. 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Image: Constraint of two bolts per piece with one bolt located not more than 12° or less than seven bolt diameters from (2) All sheathing on penetrate past flush) Image: Constraint of two bolts per piece with one bolt located not more than 12° or locate fluct (10 not penetrate past flush) Image: Constraint of two bolts per piece with one bolt located not more than 12° or locate fluct (12° or field) Ind @ 12° or c Image: Constraint of two bolts per piece with one bolt located not more than 12° or locate fluct (12° or field) Ind @ 3° or c A35 @ 16° or c 5/8°@x10° AB's @ 24° or c P1-2 7/16° OSB w(7) 8d @ 2° or c staggered (12° or field) Ind @ 3° or c A35 @ 16° or c 5/8°@x10° AB's @ 24° or c P1-2 7/16° OSB both Sides *(7) 8d @ 2° or c staggered (12° or c field) Ind @ 6° or c A35 @ 16° or c 5/8°@x10° AB's @ 42° or c P2-2 7/16° OSB both Sides *(7) 8d @ 2° or c staggered (12° or c fiel	abutting p	anel edges.						
SHEARWALL SCHEDULE Date: Isb #: MARK *(2) SHEATHING - APPLY TO 2x HF STUDS @ 16"o/c U.N.O. BELOW *(9) SHEATHING EDGE NAILS *(5) ALL EDGES BLOCKED (do not penetrate past flush) BASE PLATE NAILS *(5) ROOF TO TOP PLATE, FLOOR TO TOP PLATE, SILL PLATE ANCHOU 3" x 3" x 1/4" WASHER P1-6 7/16" OSB 8d @ 6" o/c (12" o/c field) 16d @ 12 " o/c HI @ 24 " o/c or A35 @ 24 " o/c 5/8" Øx10" AB's @ 60 " o/c P1-4 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8" Øx10" AB's @ 42 " o/c P1-3 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 3 " o/c A35 @ 12 " o/c 5/8" Øx10" AB's @ 24 " o/c * P1-2 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 3 " o/c A35 @ 8 " o/c 5/8" Øx10" AB's @ 24 " o/c * P2-2 7/16" OSB Both Sides *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 4 " o/c A35 @ 16 " o/c 5/8" Øx10" AB's @ 16 " o/c * RSW 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8" Øx10" AB's @ 42 " o/c	Date: Lob #: Date: Lob #: MARK SHEATHING - APPLY TO 2x HF STUDS @ 16°0/c UNO. BELOW *(9) SHEATHING EDGE NAILS *(5) ALL EDGES BLOCKED (do not penetrate past flush) BASE PLATE NAILS *(5) ROOF TO TOP PLATE, FLOOR TO TOP PLATE & SILL PLATE *(6) SILL PLATE ANCHOU 3" x 3" x 1/4" WASHER P1-6 7/16" OSB 8d @ 6" o/c (12" o/c field) 16d @ 12 " o/c HI @ 24 " o/c or A35 @ 24 " o/c 5/8"@x10" AB's @ 60 " o/c P1-4 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"@x10" AB's @ 42 " o/c P1-3 7/16" OSB *(7) 8d @ 3" o/c (12" o/c field) 16d @ 3 " o/c A35 @ 12 " o/c 5/8"@x10" AB's @ 36 " o/c P1-2 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 3 " o/c A35 @ 8 " o/c 5/8"@x10" AB's @ 24 " o/c * P2-2 7/16" OSB Both Sides *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 4" o/c A35 @ 16 " o/c 5/8"@x10" AB's @ 42 " o/c * RSW 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6" o/c A35 @ 16 " o/c 5/8"@x10" AB's @ 42 " o/c * P2-2 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6" o/c A35 @ 16 " o/c	SHEARWALL SCHEDULE Date: Isb #: MARK *(2) SHEATHING - APPLY TO 2x HF STUDS @ 16"o/c U.N.O. 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BELOW *(9) SILL EDGES BLOCKED (do not penetrate past flush) BASE PLATE NAILS *(5) ROOF TO TOP PLATE, SILL PLATE ANCHOUND. BELOW *(9) SILL PLATE anchound. State of the colspan="4">SILL PLATE ANCHOUND. SELOW *(9) P1-6 7/16° OSB 8d @ 6° o/c (12° o/c field) 16d @ 12° o/c H1 @ 24° o/c or A35 @ 24° o/c 5/8°@x10° AB's @ 60° o/c P1-4 7/16° OSB 8d @ 4° o/c (12° o/c field) 16d @ 6° o/c A35 @ 16° o/c 5/8°@x10° AB's @ 42° o/c P1-3 7/16° OSB *(7) 8d @ 3° o/c (12° o/c field) 16d @ 4° o/c A35 @ 12° o/c 5/8°@x10° AB's @ 36° o/c P1-2 7/16° OSB *(7) 8d @ 2° o'c staggered (12° o/c field) 16d @ 3° o/c A35 @ 10° o/c 5/8°@x10° AB's @ 24° o/c P2-2 7/16° OSB Both Sides *(7) 8d @ 2° o'c staggered (12° o/c field) 16d @ 6° o/c A35 @ 16° o/c 5/8°@x10° AB's @ 42° o/c P2-2 7/16° OSB Both Sides *(7) 8d @ 2° o'c staggered (12° o/c field) 16d @ 6° o/c A35 @ 16° o/c 5/8°@x10° AB's @ 42° o/c <tr< td=""><td>SHEARWALL SCHEDULE Date: Lob #: MARK *(2) SHEATHING - APPLY TO 2x HF STUDS @ 16°o/c U.N.O. 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BELOW *(9) SHEATHING EDGE NAILS *(5) ALL EDGES BLOCKED (do not penetrate past flush) BASE PLATE NAILS *(5) ROOF TO TOP PLATE & SILL PLATE *(6) SILL PLATE ANCHO 3" x 3" x 1/4" WASHED P1-6 7/16" OSB 8d @ 6" o/c (12" o/c field) 16d @ 12 " o/c H1 @ 24 " o/c or A35 @ 24 " o/c 5/8"0x10" AB's @ 60 " o/c P1-4 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 4 " o/c A35 @ 16 " o/c 5/8"0x10" AB's @ 42 " o/c P1-3 7/16" OSB *(7) 8d @ 3" o/c (12" o/c field) 16d @ 4 " o/c A35 @ 12 " o/c 5/8"0x10" AB's @ 36 " o/c P1-2 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 3 " o/c A35 @ 8 " o/c 5/8"0x10" AB's @ 24 " o/c P2-2 7/16" OSB stores *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 4 " o/c A35 @ 10 " o/c 5/8"0x10" AB's @ 14 " o/c RSW 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"0x10" AB's @ 16 " o/c RSW 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"0x10" AB's @ 16 " o/c	MARK *(2) SHEATHING - APPLY TO 2x HF STUDS @ 16"o/c U.N.O. 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*(2) 2x HF STUDS @ 16"o/c U.N.O. BELOW *(9) ALL EDGES BLOCKED (do not penetrate past flush) NAILS *(5) FLOOR TO TOP PLATE & SILL PLATE *(6) 3" x 3" x 1/4" WASHER P1-6 7/16" OSB 8d @ 6" o/c (12" o/c field) 16d @ 12 " o/c or A35 @ 24 " o/c 5/8"Øx10" AB's @ 60 " o/c P1-4 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"Øx10" AB's @ 42 " o/c P1-3 7/16" OSB *(7) 8d @ 3" o/c (12" o/c field) 16d @ 4 " o/c A35 @ 12 " o/c 5/8"Øx10" AB's @ 36 " o/c P1-2 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 3 " o/c A35 @ 8 " o/c 5/8"Øx10" AB's @ 24 " o/c * P2-2 7/16" OSB both Sides *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 4 " o/c A35 @ 10 " o/c 5/8"Øx10" AB's @ 16 " o/c * RSW 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 10 " o/c 5/8"Øx10" AB's @ 16 " o/c *	*(2) 2x HF STUDS @ 16%/c U.N.O. 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BELOW *(9) ALL EDGES BLOCKED (do not penetrate past flush) NAILS *(5) FLOOR TO TO PLATE & SILL PLATE *(6) 3" x 3" x 1/4" WASHEL P1-6 7/16" OSB 8d @ 6" o/c (12" o/c field) 16d @ 12 " o/c or A35 @ 24 " o/c 5/8"0x10" AB's @ 60 " o/c P1-4 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 16 " o/c 5/8"0x10" AB's @ 42 " o/c P1-3 7/16" OSB *(7) 8d @ 3" o/c (12" o/c field) 16d @ 4 " o/c A35 @ 12 " o/c 5/8"0x10" AB's @ 36 " o/c P1-2 7/16" OSB *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 4 " o/c A35 @ 8 " o/c 5/8"0x10" AB's @ 24 " o/c * P2-2 7/16" OSB both Sides *(7) 8d @ 2" o/c staggered (12" o/c field) 16d @ 4 " o/c A35 @ 10 " o/c 5/8"0x10" AB's @ 16 " o/c * RSW 7/16" OSB 8d @ 4" o/c (12" o/c field) 16d @ 6 " o/c A35 @ 10 " o/c 5/8"0x10" AB's @ 16 " o/c *			-	E NAILS *(5)	BACE DI ATE	ROOF TO TOP PLATE,		
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VICINITY MAP

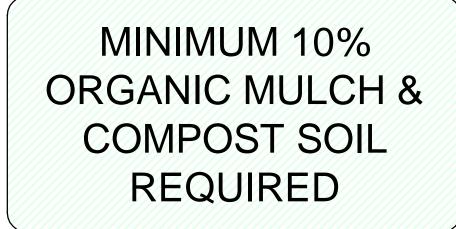


LEGAL DESCRIPTION

THE WEST 70 FEET OF TRACT 20, ROANOKE, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 18 OF PLATS, PAGE 59, RECORDS OF KING COUNTY, WASHINGTON;

SITUATE IN THE CITY OF MERCER ISLAND, COUNTY OF KING, STATE OF WASHINGTON.

ORGANIC SOIL REQUIREMENT



SOIL AMENDMENT REQUIRED

COMPOST AMENDED SOIL REQUIRED ON ALL LANDSCAPED AREAS AFTER CONSTRUCTION. SEE DETAIL ON C3.5.

ESTIMATED TOPSOIL IMPORT = 16.3 CY

SOIL INSPECTION REQUIRED BY ENGINEER

A POST CONSTRUCTION INSPECTION & CERTIFICATION OF AMENDED SOILS IS REQUIRED BY A LICENSED CIVIL ENGINEER. THIS IS REQUIRED BEFORE FINAL SIGN-OFF BY CITY.

TREE T	ABLE
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ARBORIST: NEAL BAKER

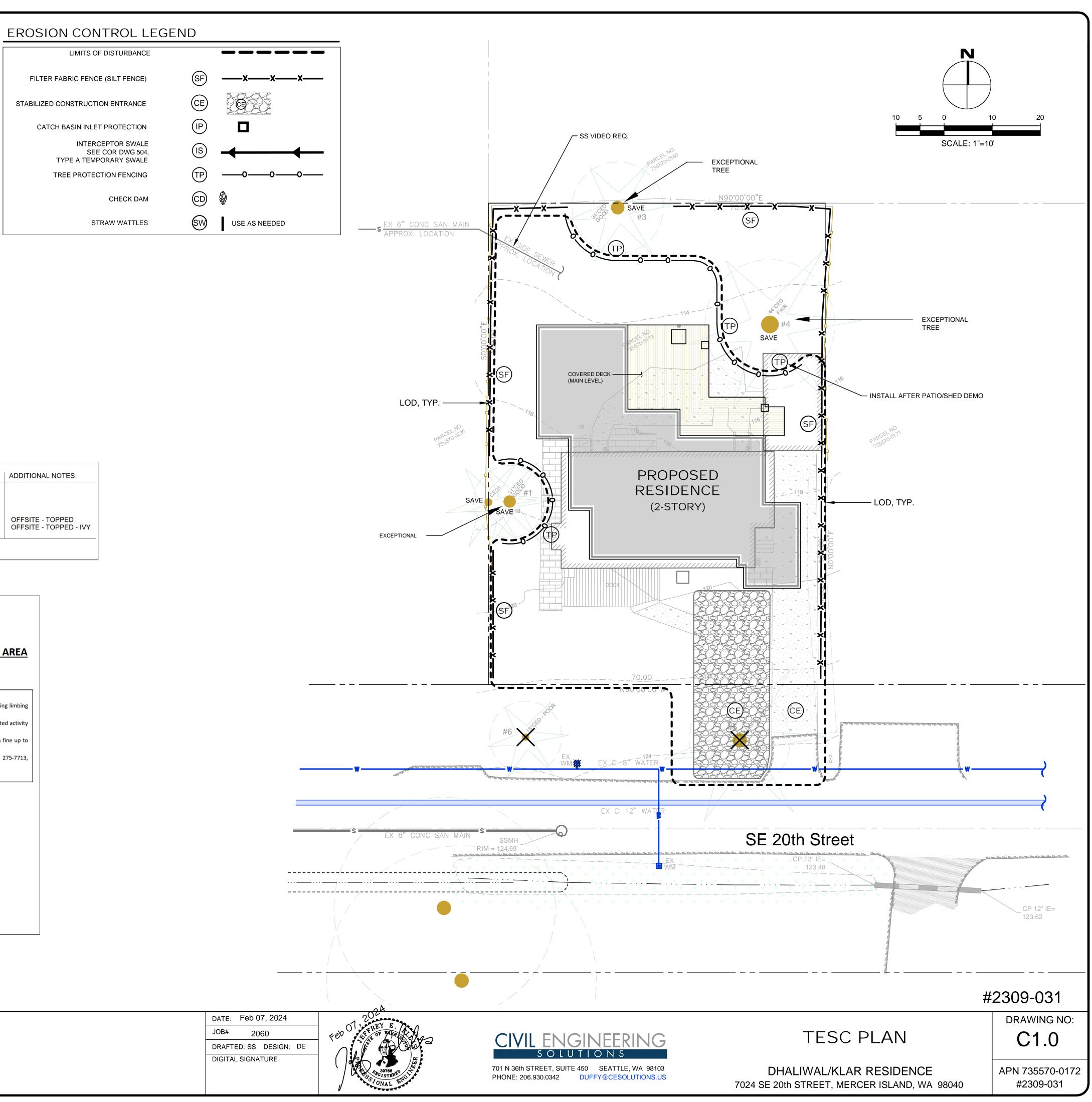
TREE #	TREE TYPE	DBH	DRIPLINE	CONDITION	RETAIN OR REMOVE	A
1. 2. 3. 4. 5. 6.	WESTERN RED CEDAR LEYLAND CYPRESS WESTERN RED CEDAR WESTERN RED CEDAR NORWAY SPRUCE WESTERN RED CEDAR	30.6" 8" 34" 44" 41" 18"	15 14 19 27 21.2 15	GOOD GOOD FAIR POOR POOR	RETAIN RETAIN RETAIN REMOVE REMOVE RETAIN	0

12 replacement trees locations and species TBD

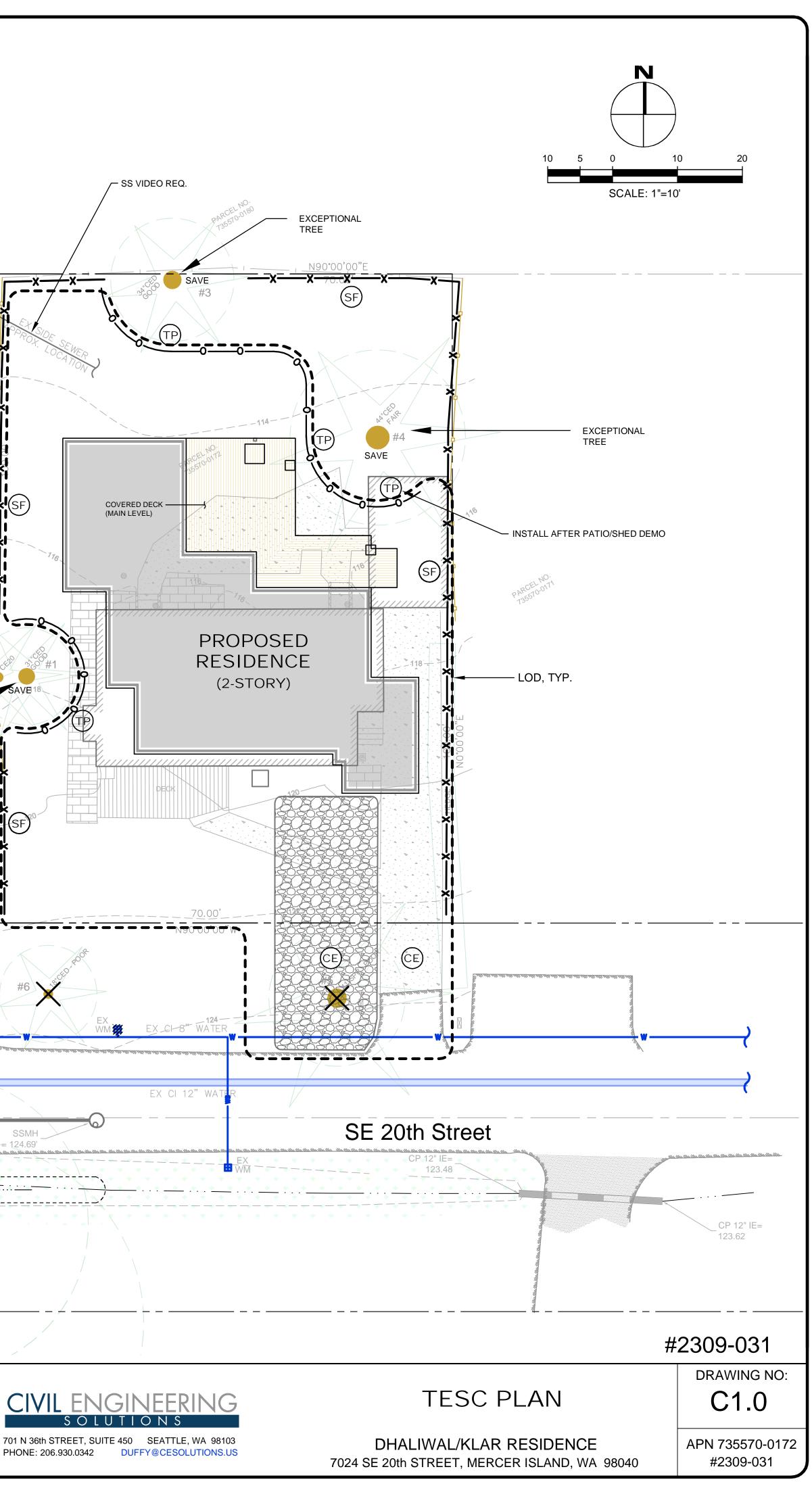
TREE PROTECTION DETAIL

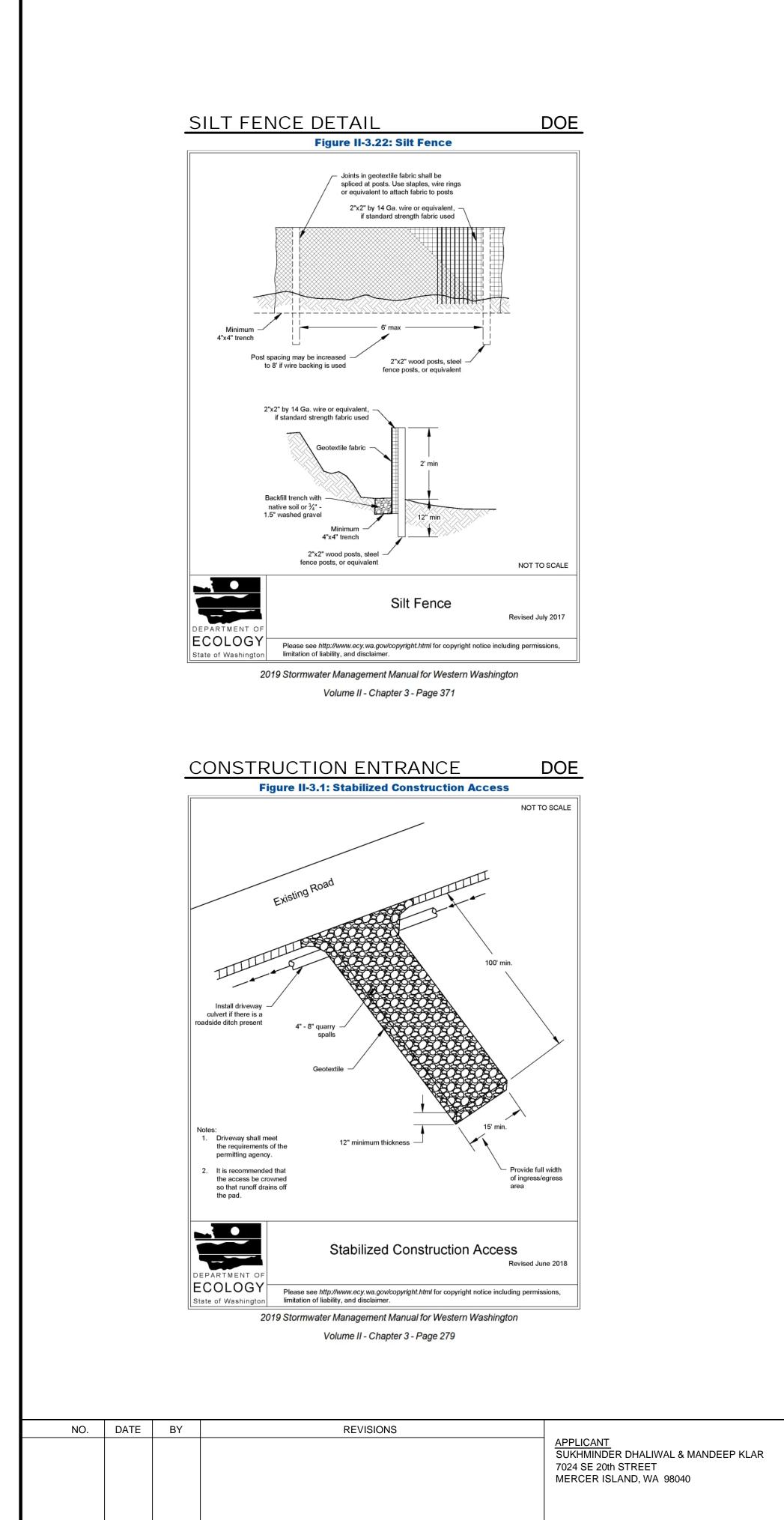
	KEEP OUT! HE APPROVED LOCATION OF THIS TREE PROTECTION AND t to the conditions of the tree permit. Violation of tree conditions may lead to:
 2. RE Inspection Fees/financial penalties 3. Arborist reports recommending mitigation Crown drip line or other limit of Tree Protection area. See Site/Utility Plan for fence alignment. 	Notes 1. No pruning shall be performed unless under the direction of the Project Arborist. Including trees up. 2. No grading, excavation, storage (materials, equipment, vehicles, etc.), or other unpermitted shall occur inside the protective fencing. 3. Penalties for damaging by root damage/compaction or removing a saved tree may be a fin three times the value of the tree plus restoration (MICC 19.10.160). 4. Any work in approved TPZ must be with the permission of the City Arborist (206) 27: john.kenney@mercergov.org. 5. 5" course woodchips within the tree protection zone, but not against the tree trunk. Tree protection fence: 4-6" chain link fence, solidly anchored into the ground, or if authorized High-density polyethylene fencing with 3.5" x 1.5" openings; color orange. Steel posts installed at 8' o.c. 2" x 6" steel posts or approved equal Maintain existing grade with the tree protection fence unless otherwise indication on the plans

NO.	DATE	BY	REVISIONS	
				<u>APPLICANT</u> SUKHMINDER DHALIWAL & MANDEEP KLAR 7024 SE 20th STREET MERCER ISLAND, WA 98040









RECOMMENDED CONSTRUCTION SEQUENCE

A DETAILED CONSTRUCTION SEQUENCE IS NEEDED TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE APPLIED AT THE APPROPRIATE TIMES. A RECOMMENDED CONSTRUCTION SEQUENCE IS PROVIDED BELOW:

1. HOLD AN ONSITE PRE-CONSTRUCTION MEETING.

2. POST SIGN WITH NAME AND PHONE NUMBER OF ESC SUPERVISOR (MAY BE CONSOLIDATED WITH THE REQUIRED NOTICE OF CONSTRUCTION SIGN).

3. FLAG OR FENCE CLEARING LIMITS.

4. INSTALL CATCH BASIN PROTECTION, IF REQUIRED.

5. GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).

6. INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).

7. CONSTRUCT SEDIMENT PONDS AND TRAPS.

8. GRADE AND STABILIZE CONSTRUCTION ROADS.

9. CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE SLOPE DRAINS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.

10. MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY OF MERCER ISLAND STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.

11. RELOCATE SURFACE SURFACE WATER CONTROLS OR TESC MEASURES, OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE TESC IS ALWAYS IN ACCORDANCE WITH CITY OF MERCER ISLAND TESC REQUIREMENTS.

12. COVER ALL AREAS THAT WILL BE UN-WORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON (MAY 1 TO SEPT 30) OR TWO DAYS DURING THE WET SEASON (OCT 1 TO APRIL 30) WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, OR EQUIVALENT.

13. STABILIZE ALL AREAS WITHIN SEVEN DAYS OF REACHING FINAL GRADE.

14. SEED, SOD, STABILIZE, OR COVER ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.

15. UPON COMPLETION OF THE PROJECT, STABILIZE ALL DISTURBED AREAS AND REMOVE BMPS IF APPROPRIATE.

DENUDED AREAS REQUIREMENTS

APRIL 1 TO SEPT 30

ALL DENUDED AREAS MUST BE STABILIZED WITHIN 7 DAYS OF CONSTRUCTION. PLEASE READ ALL CITY TESC NOTES ON SHEET C1.2.

OCT 1 TO MARCH 31

ALL DENUDED AREAS MUST BE STABILIZED WITHIN 2 DAYS OF GRADING. IF AN EROSION PROBLEM ALREADY EXISTS ON THE SITE, OTHER COVER PROTECTION AND EROSION CONTROL WILL BE REQUIRED.

EROSION CONTROL NOTES

D.8.2 STANDARD ESC PLAN NOTES

THE STANDARD ESC PLAN NOTES MUST BE INCLUDED ON ALL ESC PLANS. AT APPLICANT'S DISCRETION, NOTES THAT IN NO WAY APPLY TO THE PROJECT M OMITTED; HOWEVER, THE REMAINING NOTES MUST NOT BE RENUMBERED. FC EXAMPLE, IF ESC NOTE #3 WERE OMITTED, THE REMAINING NOTES SHOULD E NUMBERED 1, 2, 4, 5, 6, ETC.

1. APPROVAL OF THIS EROSION AND SEDIMENTATION CONTROL (ESC) PLAN D CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FAC UTILITIES, ETC.).

2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLIC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.

3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL B CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, IF REQUIRED, PRIOR TO CONSTRUCTION (SWDM APPENDIX D). DURING THE CONSTRUCTION PERIOD, DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLE LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE OF CONSTRUCTION.

4. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEG CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADD MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK ROAD RIGHT OF WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT

5. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT TH TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, AND PROPERTIES IS MINIMIZED.

6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMEN ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVEN MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL C MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FE PERIMETER PROTECTION ETC.) AS DIRECTED BY CITY OF MERCER ISLAND.

7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONIN WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILI

8. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, TH/ NOT BE DISTURBED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED APPROVED ESC METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, E

9. ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE AT SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.

10. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINT. MINIMUM OF ONCE A MONTH DURING THE DRY SEASON, BI-MONTHLY DURING SEASON, OR WITHIN TWENTY FOUR (24) HOURS FOLLOWING A STORM EVENT

11. AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.

12. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORAR SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTR MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE FAC FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACIL BE ROUGH GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE I ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY.

13. COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D SURFACE WATER DESIGN MANUAL

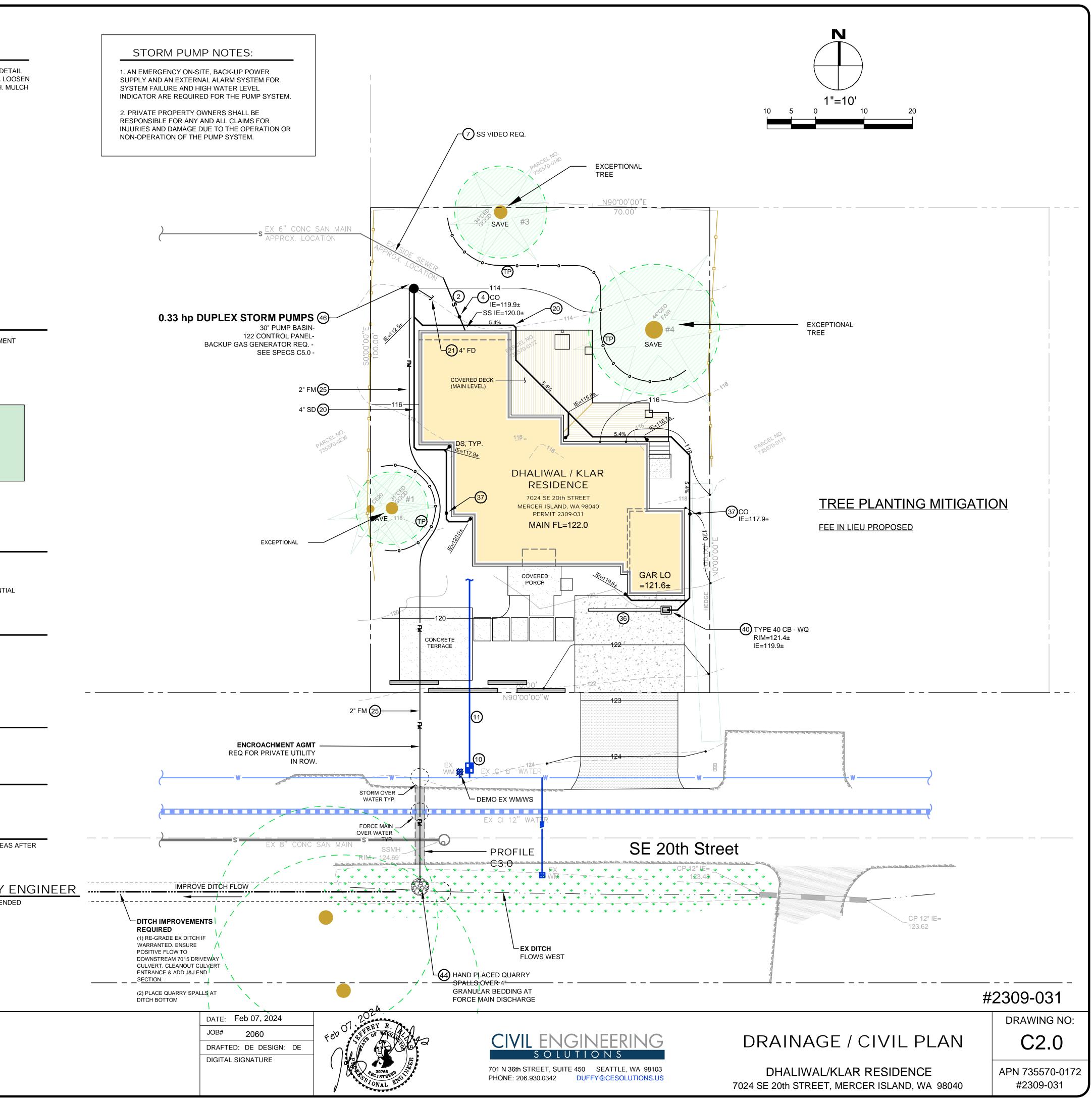
14. PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARA THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK BEGINNING OF THE WET SEASON.

DATE: Feb 07, 2024	206	
JOB# 2060	Fel ANT OF ARMINE	
DRAFTED: SS DESIGN: DE		CIVIL EINGINEERING
DIGITAL SIGNATURE		SOLUTIONS
	4 39766 S	701 N 36th STREET, SUITE 450 SEATTLE, WA 98103
	COSTONAL ENGLA	PHONE: 206.930.0342 DUFFY@CESOLUTIONS.US

	<u>CI</u> 1.	TY NOTES ANY CHANGES TO THE APPROVED PLANS REQUIRES CITY APPROVAL THRO A REVISION.	UGH
THE IAY BE IR	2.	A REVISION. APPLICANT IS RESPONSIBLE FOR ANY DAMAGES TO UNDERGROUND UTILITI CAUSED FROM THIS CONSTRUCTION.	ES
E OES NOT 6., SIZE CILITIES,	3.	CATCH BASIN FILTERS SHOULD BE PROVIDED FOR ALL STORM DRAIN CATCH BASINS/INLETS DOWNSLOPE AND WITHIN 500 FEET OF THE CONSTRUCTION AREA. CATCH BASIN FILTERS SHOULD BE DESIGNED BY THE MANUFACTURE FOR USE AT CONSTRUCTION SITES AND APPROVED BY THE CITY INSPECTO CATCH BASIN FILTERS SHOULD BE INSPECTED FREQUENTLY, ESPECIALLY A STORM EVENTS. IF THE FILTER BECOMES CLOGGED, IT SHOULD BE CLEANE	R R. FTER
	4.	REPLACED. CONTRACTORS SHALL VERIFY LOCATIONS AND DEPTHS OF UTILITES.	
ANT/ESC	5.	AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, CALL "ONE CALL" AT	
0	1.80 6.	0.424.5555 DO NOT BACKFILL WITH NATIVE MATERIAL ON PUBLIC RIGHT-OF-WAY. ALL	
ARING DURATION	7.	MATERIAL MUST BE IMPORTED EROSION CONTROL: ALL "LAND DISTURBING ACTIVITY" IS SUBJECT TO	
NNING OF		PROVISIONS OF MERCER ISLAND ORDINANCE 95C-118 "STORM WATER MANAGEMENT." SPECIFIC ITEMS TO BE FOLLOWED AT YOUR SITE:	
ITIONAL , MAY BE OUT TO - TO OR IN	8.	PROTECT ADJACENT PROPERTIES FROM ANY INCREASED RUNOFF OR SEDIMENTATION DUE TO THE CONSTRUCTION PROJECT THROUGH THE USE APPROPRIATE "BEST MANAGEMENT PRACTICES" (BMP) EXAMPLES INCLUDE ARE NOT LIMITED TO, SEDIMENT TRAPS, SEDIMENT PONDS, FILTER FABRIC FENCES, VEGETATIVE BUFFER STRIPS OR BIOENGINEERED SWALES.	
E ADJACENT	9.	CONSTRUCTION ACCESS TO THE SITE SHOULD BE LIMITED TO ONE ROUTE. STABILIZE ENTRANCE WITH QUARRY SPALLS TO PREVENT SEDIMENT FROM LEAVING THE SITE OR ENTERING THE STORM DRAINS.	
ITS FOR ESC TS AND OVER	10.	PREVENT SEDIMENT, CONSTRUCTION DEBRIS, PAINTS, SOLVENTS, ETC., OR OTHER TYPES OF POLLUTION FROM ENTERING PUBLIC STORM DRAINS. KEE POLLUTION ON YOUR SITE.	
NCES,	11.	ALL EXPOSED SOILS SHALL REMAIN DENUDED FOR NO LONGER THAN SEVE DAYS AND SHALL BE STABILIZED WITH MULCH, HAY, OR THE APPROPRIATE GROUND COVER. ALL EXPOSED SOILS SHALL BE COVERED IMMEDIATELY DU ANY RAIN EVENT.	. /
TIES. NT WILL OR VITH THE	12.	INSTALLATION OF CONCRETE DRIVEWAYS, TREES, SHRUBS, IRRIGATION, BOULDERS, BERMS, WALLS, GATES, AND OTHER IMPROVEMENTS ARE NOT ALLOWED IN THE PUBLIC RIGHT-OF-WAY WITHOUT PRIOR APPROVAL, AND A ENCROACHMENT AGREEMENT AND RIGHT OF WAY PERMIT FROM THE SENIC DEVELOPMENT ENGINEER.	
C.). TENTION NINED A THE WET	13.	OWNER SHALL CONTROL DISCHARGE OF SURFACE DRAINAGE RUNOFF FRO EXISTING AND NEW IMPERVIOUS AREAS IN A RESPONSIBLE MANNER. CONSTRUCTION OF NEW GUTTERS AND DOWNSPOUTS, DRY WELLS, LEVEL SPREADERS OR DOWNSTREAM CONVEYANCE PIPE MAY BE NECESSARY TO MINIMIZE DRAINAGE IMPACT TO YOUR NEIGHBORS. CONSTRUCTION OF MINI DRAINAGE IMPROVEMENTS SHOWN OR CALLED OUT ON THIS PLAN DOES NO IMPLY RELIEF FROM CIVIL LIABILITY FOR YOUR DOWNSTREAM DRAINAGE.	IMUM
O LINES FLUSH	14.	POT HOLING THE PUBLIC UTILITIES IS REQUIRED PRIOR TO ANY GRADING ACTIVITIES LESS THAN 6" OVER THE PUBLIC MAINS (WATER, SEWER AND ST SYSTEMS). IF THERE IS A CONFLICT, THE APPLICANT IS REQUIRED TO SUBM REVISION FOR APPROVAL PRIOR TO ANY GRADING ACTIVITIES OVER THE PU MAINS.	IT A
DL LITY IS TO	15.	REMEMBER: EROSION CONTROL IS YOUR FIRST INSPECTION.	
TY MUST EET	16. INSF	ROOF DRAINS MUST BE CONNECTED TO THE STORM DRAIN SYSTEM AND PECTED BY THE PUBLIC WORKS DEPARTMENT PRIOR TO ANY BACKFILLING OF	PIPE.
DF THE	17.	SILENT FENCE: CLEAN AND PROVIDE REGULAR MAINTENANCE OF THE SILT FENCE. THE FENCE IS TO REMAIN VERTICAL AND IS TO FUNCTION PROPERL THROUGHOUT THE TERM OF THE PROJECT.	Y
REAS TION FOR	18.	WORK IN PUBLIC RIGHT OF WAY REQUIRES A RIGHT-OF-WAY USE PERMIT.	
OF THE	19.	REFER TO WATER SERVICE PERMIT FOR ACTUAL LOCATION OF NEW WATER METER AND SERVICE LINE DETERMINED BY MERCER ISLAND WATER DEPARTMENT.	
	16.	THE TV INSPECTION OF THE EXISTING SIDE SEWER TO THE CITY SEWER MA REQUIRED. IF THE RESULT OF THE TV INSPECTION IS NOT IN SATISFACTORY CONDITION, AS DETERMINED BY THE CITY OF MERCER ISLAND INSPECTOR, REPLACEMENT OF THE EXISTING SIDE SEWER IS REQUIRED. ALTERNATELY, PRESSURE TEST OF THE SIDE SEWER, FROM SEWER MAIN TO POINT OF CONNECTION, MAY BE SUBSTITUTED FOR THE VIDEO INSPECTION.	/ THE
	20.	NEWLY INSTALLED SIDE SEWER REQUIRES A 4 P.S.I. AIR TEST OR PROVIDE HYDROSTATIC HEAD TEST.	10' OF
	21.	POT HOLING THE PUBLIC UTILITIES IS REQUIRED PRIOR TO ANY GRADING ACTIVITIES LESS THAN 6" OVER THE PUBLIC MAINS (WATER, SEWER AND ST SYSTEMS). IF THERE IS A CONFLICT, THE APPLICANT IS REQUIRED TO SUBM REVISION FOR APPROVAL PRIOR TO ANY GRADING ACTIVITIES OVER THE PU MAINS.	IT A
	22.	THE LIMITS AND EXTENDS OF THE PAVEMENT IN THE PUBLIC RIGHT OF WAY SHALL BE DETERMINED BY THE CITY ENGINEER PRIOR TO FINALIZE THE PROJECT.	
		7 1	0000 004
			2309-031
ERING		TESC & CITY NOTES TESC DETAILS	DRAWING NO:
1 S		DHALIWAL/KLAR RESIDENCE	APN 735570-0172

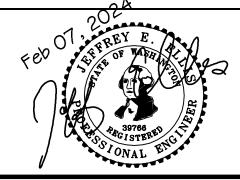
DHALIWAL/KLAR RESIDENCE 7024 SE 20th STREET, MERCER ISLAND, WA 98040 APN 735570-0172 #2309-031

STORM BMP's
-COMPOST AMENDED SOIL TO ALL DISTURBED AREAS (SEE DE SHEET C3.5). TILL 2-3" OF COMPOST INTO UPPER 8" OF SOIL. L
COMPACTED SUBSOIL, IF NEEDED BY RIPPING TO 12" DEPTH.
LANDSCAPE BEDS AFTER PLANTING.
(51) -
(52) -
(53) -
54 -
55 -
56 -
5 7 -
\sim
(58) -
STREET IMPROVEMENTS
(71) -PAVEMENT RESTORATION - COORDINATE SCOPE OF PAVEME RESTORATION WITH CITY INSPECTOR
MINIMUM 10% ORGANIC - COMPOST & MULCH
REQUIRED
REQUIRED
SOILS NO REPORT FOR THIS PROJECT, TO ENGINEER'S KNOWLEDGE
MERCER ISLAND SOIL MAP SHOWS GLACIAL TILL
MERCER ISLAND INFILTRATION MAP SHOWS MODERATE POTENT
SURVEYOR
TOPOGRAPHIC SURVEY BY:
SITE SURVEYING, INC. 2123 NE 11th STREET
SAMMAMISH, WA 98074 PHONE 425-298-4412
VERTICAL DATUM
NAVD 88 PER WGS SURVEY DATA POINT #MI 1004 SEE SURVEY
LEGAL DESCRIPTION
SEE C1.0
SOIL AMENDMENT REQUIRED COMPOST AMENDED SOIL REQUIRED ON ALL LANDSCAPED ARE
COMPOST AMENDED SOIL REQUIRED ON ALL LANDSCAPED ARE CONSTRUCTION. SEE DETAIL ON C3.5.
SOIL INSPECTION REQUIRED BY
A POST CONSTRUCTION INSPECTION & CERTIFICATION OF AME SOILS IS REQUIRED BY A LICENSED CIVIL ENGINEER.
THIS IS REQUIRED BEFORE FINAL SIGN-OFF BY CITY.
APPLICANT SUKHMINDER DHALIWAL & MANDEEP KLAR

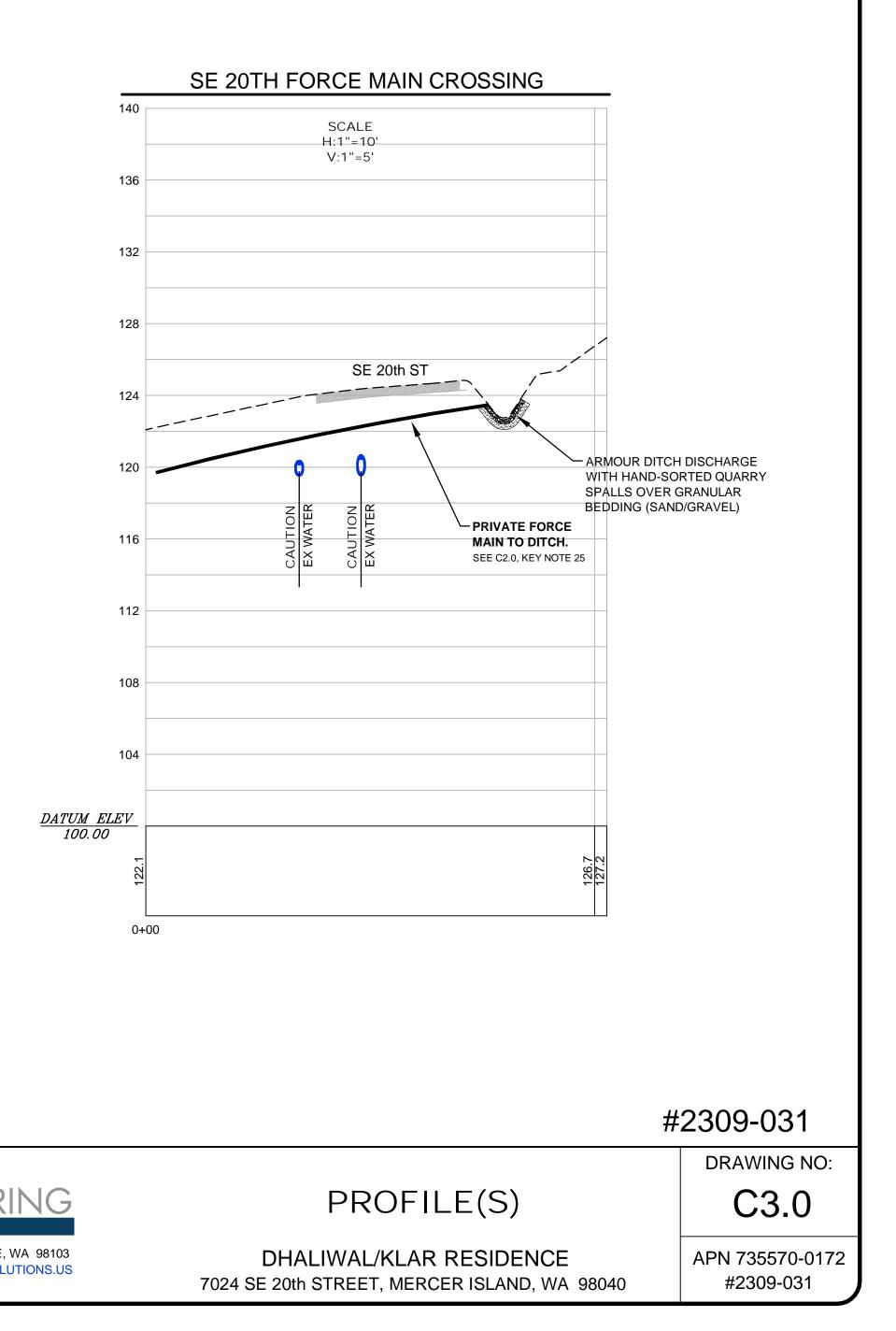


NO.	DATE	BY	REVISIONS	
				APPLICANT SUKHMINDER DHALIWAL & MANDEEP KLAR 7024 SE 20th STREET MERCER ISLAND, WA 98040

DATE:	Fe	eb 0	7, 2024		
JOB#		20	60		
DRAFTE	D:	DE	DESIGN:	DE	
DIGITAL SIGNATURE					



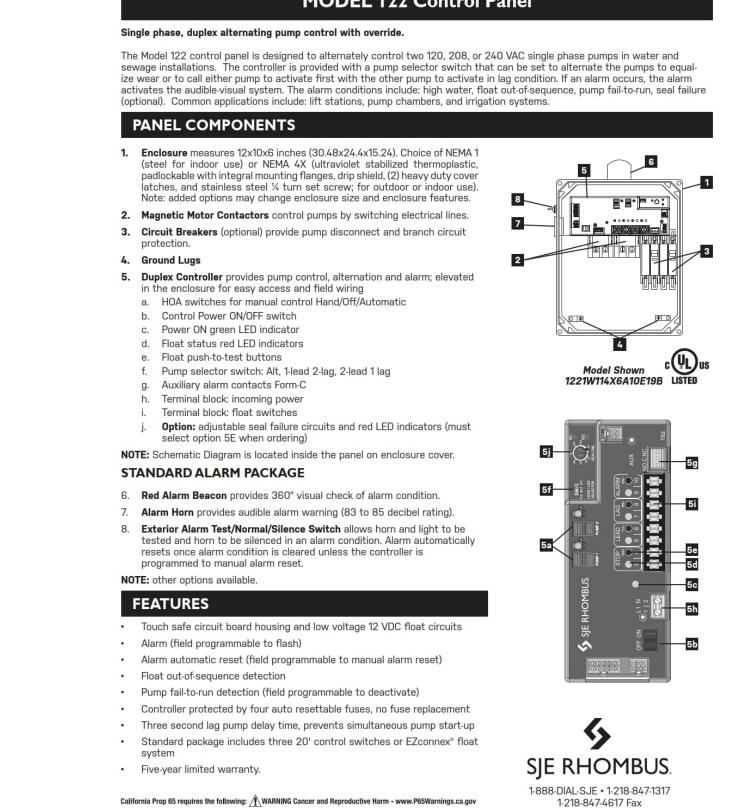




RHOMBUS 122 PANEL

MODEL 122 Control Panel





California Prop 65 requires the following: 🕂 WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov SEE REVERSE SIDE FOR ORDERING INFORMATION. SEE PRICE BOOK FOR LIST PRICE.

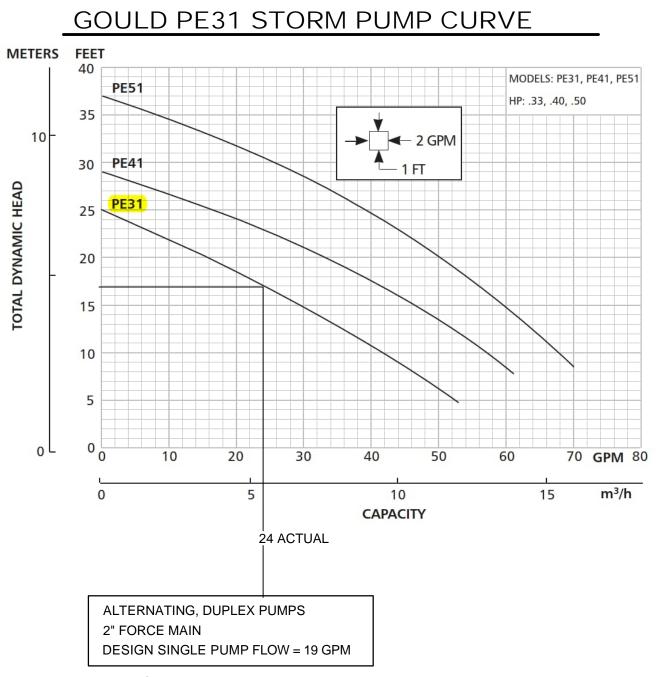


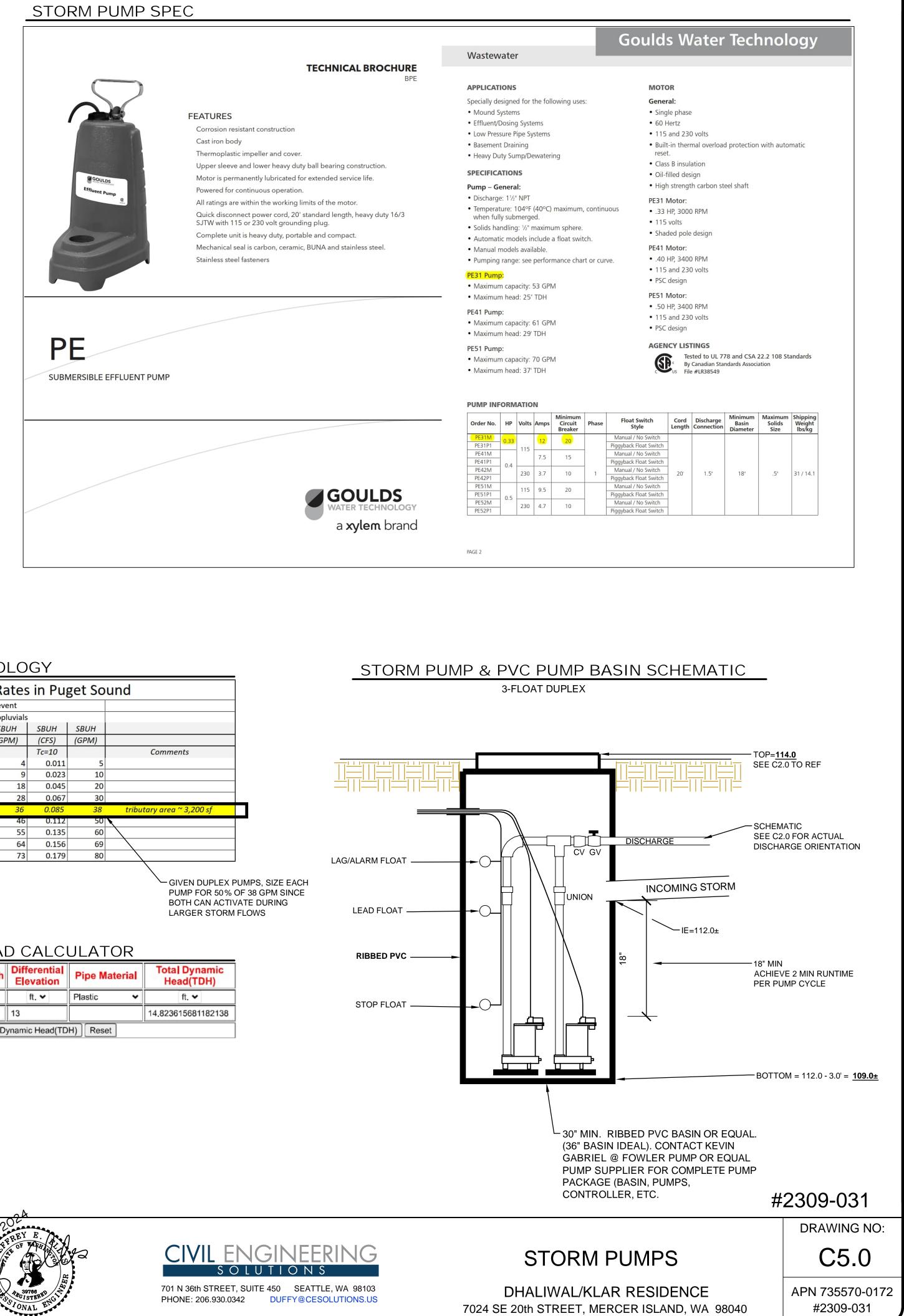
Storm Pump-Float Depth / Pump Interval Calculator							
	Value	Units	Comments				
Input Pump Basin Diameter (feet)=	2.5	feet					
Calculate pump basin radius=	1.3	feet					
Calculate cross section Area of basin=	4.91	sf					
Input a pump depth to achieve 2 min run time=	1.5	feet					
Calculate volume of water per pump cycle=	7.4	cf					
Convert volume to gallons	55.1	gallons	convert to gallons pu				
Input pump rate based on pump curve and TDH	24	gpm					
Calculate time for pump to operate per cycle	2.3	Minutes	Ensure greater than				

email: customer.service@sjeinc.com

www.sjerhombus.com B.39

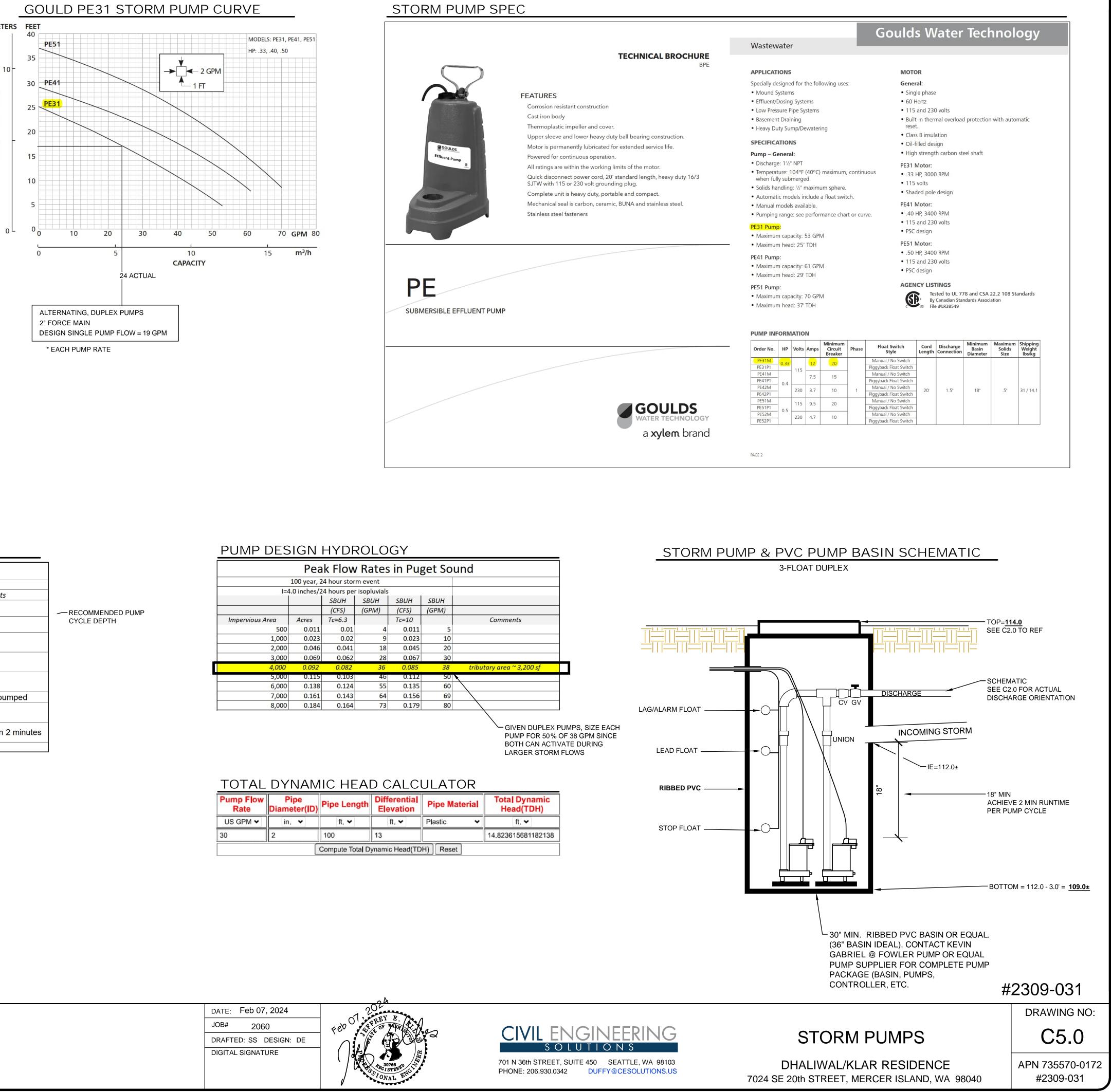
NO.	DATE	BY	REVISIONS	
				<u>APPLICANT</u> SUKHMINDER DHALIWAL & MANDEEP KLAR 7024 SE 20th STREET MERCER ISLAND, WA 98040

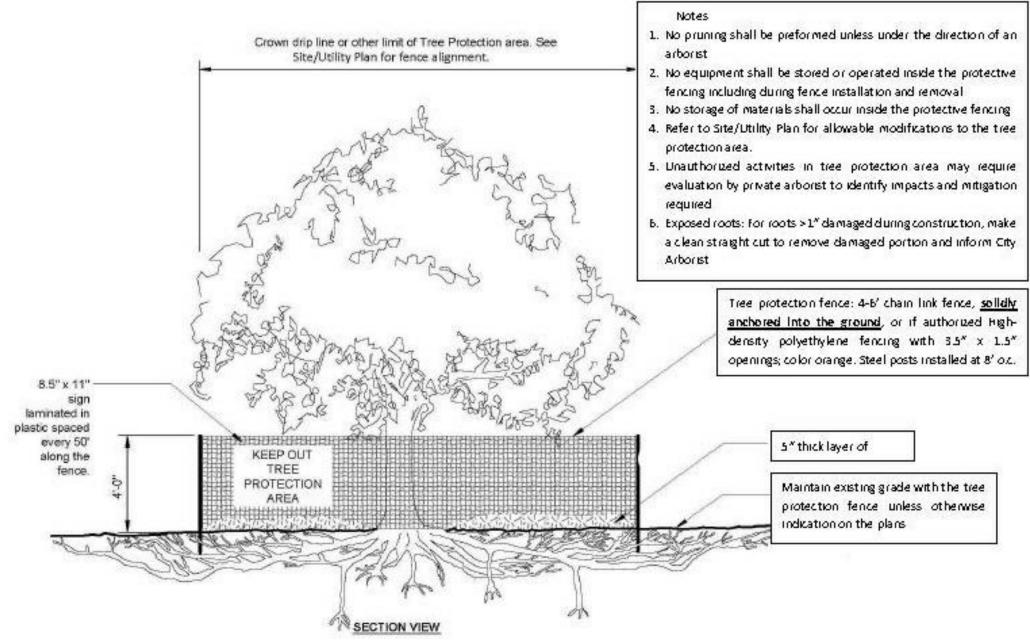




Peak Flow Rates in Puget Sound									
100 year, 24 hour storm event									
1=4	1.0 inches/2	4 hours per	isopluvials						
		(CFS)	(GPM)	(CFS)	(GPM)				
Impervious Area	Acres	Tc=6.3		Tc=10		Comments			
500	0.011	0.01	4	0.011	5				
1,000	0.023	0.02	9	0.023	10				
2,000	0.046	0.041	18	0.045	20				
3,000	0.069	0.062	28	0.067	30				
4,000	0.092	0.082	36	0.085	38	tributary area ~ 3,200 sf			
5,000	0.115	0.103	46	0.112	50	N			
6,000	0.138	0.124	55	0.135	60				
7,000	0.161	0.143	64	0.156	69				
8,000	0.184	0.164	73	0.179	80				

Pump Flow Rate	Pipe Diameter(ID)	Pipe Length	Differential Elevation	Pipe Material	Total Dynamic Head(TDH)		
US GPM 🗸	in. 🗸	ft. 🗸	ft. 🛩	Plastic 🗸	ft. 🗸		
30	2	100	13		14.823615681182138		
	Compute Total Dynamic Head(TDH) Reset						





2 Mercer Island Tree Protection Detail 1/4" = 1'-0"

TREE DRIP LINE (DL)
DIAMETER STANDARD HEIGHT (DSH)
EVERGREEN TREE
DECIDUOUS TREE
TREE TO BE REMOVED
TREE PROTECTION FENCING
NEW TREE

					RETAIN	
TREE #	TREE TYPE	DBH	DRIPLINE	CONDITION	OR REMOVE	ADDITIONAL NOTES
1.	WESTERN RED CEDAR	30.6"	15	GOOD	RETAIN	
2.	LEYLAND CYPRESS	8"	14	GOOD	RETAIN	
3.	WESTERN RED CEDAR	34"	19	GOOD	RETAIN	
4.	WESTERN RED CEDAR	44"	27	FAIR	Retain	
5.	NORWAY SPRUCE	41"	21.2	POOR	REMOVE	OFFSITE - TOPPED
6.	WESTERN RED CEDAR	18"	15	POOR	REMOVE	OFFSITE - TOPPED - IVY

