



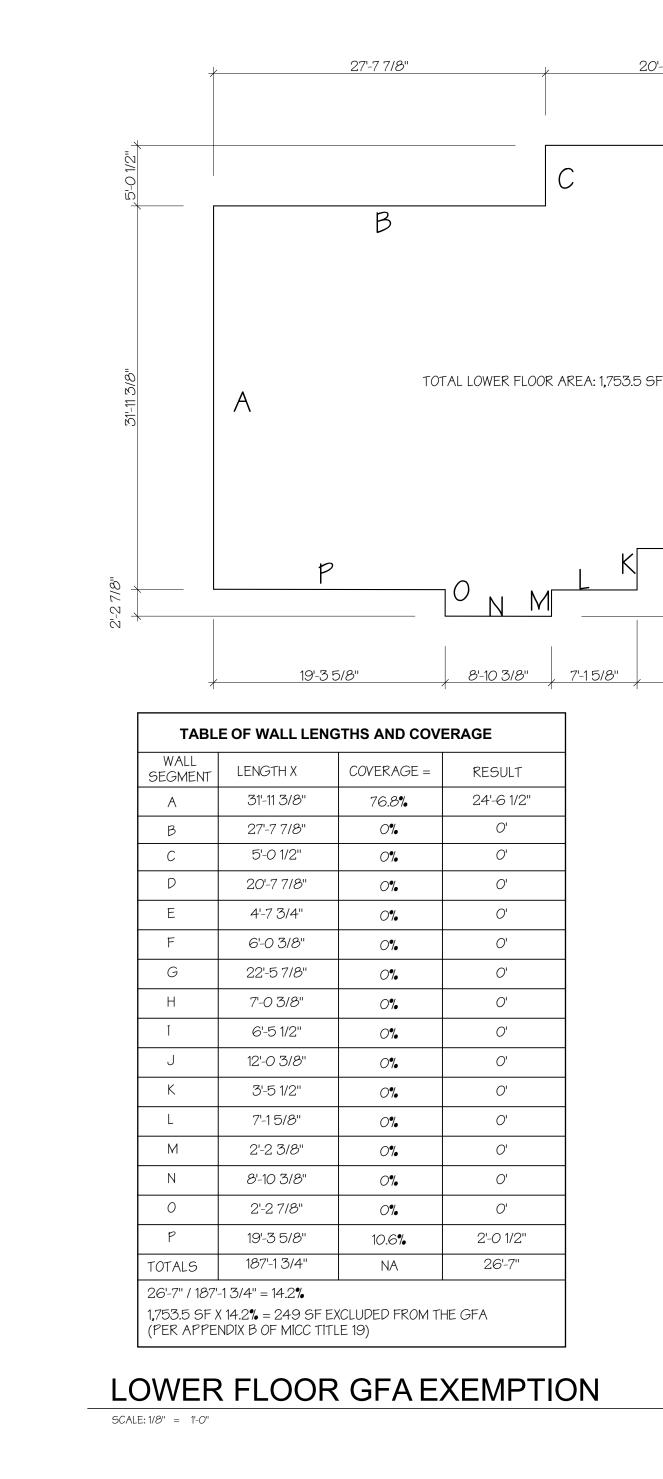
ARCHITECT U R E D E S I G N

23020 EDMONDS WAY, #113 EDMONDS, WA 98020 P. 206.542.3734 www.h2darchitects.com

DATE: 7/26/2019 REV 1: 11/14/2020

PERMIT **REVISION SET**

LOWER FLOOR PLAN



NEW HVAC NOTES:

1. INSTALL NEW HYDRONIC RADIANT SYSTEM @ LOWER FLOOR WALL RADIATORS WITH HIGH EFFICIENCY BOILER, WITH MINIMUM AFUE OF 92%, VENT TO OUTSIDE TYPICAL. MAIN AND UPPER JOIST TRACK RADIANT HEAT SYSTEM. 2. PROVIDE SHUT OF VALVE @ CONNECTION TO APPLIANCE.

3. INSTALL UNICO DUCTED COOLING SYSTEM THROUGHOUT.

4. PER IRC 1506.3.5: PROVIDE WHOLE HOUSE VENTILATION SYSTEM INTEGRATED WITH THE UNICO DUCTED COOLING SYSTEM.

5. INTEGRATED WHOLE HOUSE VENTILATION SYSTEM SHALL OPERATE CONTINUOUSLY. PROVIDE CONTROLS TO ALLOW OPERATION OF VENTILATION SYSTEM WITHOUT NEED TO OPERATE HEATING SYSTEM. A LABEL SHALL BE AFFIXED TO THE CONTROLS THAT READS "WHOLE HOUSE VENTILATION (SEE OPERATING INSTRUCTIONS)". 6. CONTINUOUS WHOLE HOUSE MECHANICAL VENTILATION MINIMUM AIRFLOW RATE OF 90 CFM. REFER TO IRC TABLE M1507.3.5.

GAS WATER HEATER NOTES:

20'-7 7/8"

I. INSTALL NEW TANKLESS GAS WATER HEATER; RHEEM HIGH EFFICIENCY 11.0 GPM INDOOR NATURAL GAS TANKLESS WATER HEATER WITH RECIRCULATION PUMP, #RTGH-RH11DVLN W/ O.94 EFF (CONFIRM SELECTION W/ OWNER PRIOR TO PURCHASING) 2. PROVIDE SHUTOFF VALVE @ CONNECTION TO

APPLIANCE. 3. PER IRC M1307.2 ANCHOR OR STRAP WATER HEATER APPLIANCE TO RESIST HORIZONTAL DISPLACEMENT CAUSED BY EARTHQUAKE MOTION. STRAPPING SHALL BE AT POINTS WITHIN THE UPPER 1/3RD AND LOWER 1/3RD OF THE APPLIANCE'S VERTICAL DIMENSIONS. AT THE LOWER POINT, THE STRAPPING SHALL MAINTAIN A MINIMUM DISTANCE OF 4" ABOVE CONTROLS.

VENTILATION REQUIREMENTS

WHOLE HOUSE VENTILATION TO BE INTEGRATED INTO THE UNICO DUCTED COOLING SYSTEM TO MEET IRC M1507.3.5. PROVIDE CONTINUOUS AIRFLOW OF 90CFM.

GROSS FLOOR AREA (MEASURED FROM THE OUTSIDE OF EXTERIOR WALLS)	
EXISTING/PROPOSED GROSS LOWER FLOOR AREA:	1,739.2 SF
EXEMPT AREA: BELOW GRADE	_(-249 SF)
EXEMPT AREA: UNDER STAIR	(-34 SF)
TOTAL GROSS FLOOR AREA AT LOWER FLOOR:	1,456.2 SF

CONDITIONED FLOOR AREA (MEASURED FROM THE INSIDE OF EXTERIOR WALLS)		
EXISTING LOWER FLOOR AREA	921.6 SF	
EXISTING GARAGE CONVERTED TO CONDITIONED AREA:	214.9 SF	
TOTAL CONDITIONED AREA AT LOWER FLOOR:	1136.5 SF	



1'-5 7/8"+/-

11'-1 1/4''+/-

7'-4"(V)

11 3/4"+/-

EGRESS

BEDRM

36" GRDRL HT/

54'-3"+/-

20'-7 7/8"+/-

16'-4 1/2"(V)

80 CFM BATH FAN, VENT TO

OUTSIDE TYP

4×10 HVAC CEILING

- INSTALL UNDERTILE HEAT

-2X6 WALL @ BATHROOM,

INSTALL SOUND INSULATION

-80 CFM BATH FAN, VENT TO

REGISTER; VERIFY

MAT AT BATH

OUTSIDE TYP

- HVAC SOFFIT @ BATH 2

CEILING, CONTRACTOR

(PROVIDE

VENTILATION)

INACCESSIBLE

UNDER-STAIR

AREA (33SF)

STAIR

STORAGE

ROLK-IN

\$HOWER |

TO VERIFY

2'-17/8"+/--

GARAGE

EXISTING CONCRETE

SLAB ON GRADE

LAUNDRY

- EX HOSE BIB

12'-0 3/8"+/-

-INSTALL BACKING

FOR WET SUIT

HOOKS @/FULL /

WALL LENGTH (=

4×10 HVAC CEILING

REGISTER; VERIFY

LINE OF HVAC SOFFIT,

-NEW POST

PER STRUCTURAL

BOILER

110 CFM BATH FAN, VENT

SLOPE FLOOR TO ROLL-IN

OUTLINE OF MAIN FLOOR

CANTILEVER ABOVE

5/8" TYPE "X" GWB @

UNDERSTAIR STORAGE

WALLS & CEILING, TYP

7'-0 3/8"+/-

TO OUTSIDE TYP

SHOWER DRAIN

CONTRACTOR TO VERIFY SIZE & LOCATION

4'-11 3/4"+/-

4'-11 3/4"

TUB

€ SHOWER

6'-0" X 2'-10"

3'-11/2"+/- 2'-8"(V) 🔻

6'-4 1/2"

EXTEND WALL

TO ALIGN W/

WET BAR

U.C. REF

04

7'-11"(V)

8'-6 7/8"+/-

54'-3"+/-

STAIR NOSING -

11'-5 5/8''+/-

-FRAMING PER STRUCTURAL@

7'-4"(V)

+ STAIR-

-REPLACE POST PER STRUCTURAL

- 6x12 HVAC CEILING

REGISTER; VERIFY-

EGRESS /

-EXTEND OR REBUILD

CEILING HEIGHT, TYP

WALLS TO NEW

@ LOWER FLOOR;

REFER TO

STRUCTURAL

BEDRM

65/8"+/- | 63/4"+/- | 7"+/- | NFILL

RECREATION

- 6x12 HVAC CEILING

REGISTER; VERIFY-

17'-10 1/4"+/-

1 2'-8"(V) 1 2'-8"(V) 1 3'-9 3/8"+/- 3'-6 1/4"+/-

1'-1 3/8''+/-

LINE OF HVAC SOFFIT,

SIZE & LOCATION

CONTRACTOR TO VERIFY

37/8"+/-~

3'-0 1/4"

*REFER TO \$2.0A FOR FOUNDATION PIPE PILES

+ POST C/L

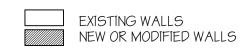
EX HOSE BIB-

INSTALL UNDER TILE

HEAT AT BEDROOMS-

INSTALL UNDER TILE

HEAT AT REC ROOM -



1. ALL DIMENSIONS ARE GIVEN TO THE FACE OF STUD UNO. 2. ALL DOOR AND WINDOW DIMENSIONS ON THIS PLAN ARE ROUGH OPENING SIZES, UNO. REFER TO WINDOW AND DOOR SCHEDULE FOR MORE INFORMATION.

- NEW BEAM PER

- NEW POST & FOOTING

PER STRUCTURAL

STRUCTURAL

3. SEE ATTACHED WSEC FORMS FOR ENERGY CODE COMPLIANCE INFORMATION. 4. INSTALL SMOKE DETECTORS (S.D.) AT LOCATIONS SHOWN. HARDWIRE AND INTERCONNECT DETECTORS TO POWER SUPPLY AND PROVIDE BATTERY BACKUP AS REQUIRED.

5. INSTALL CARBON MONOXIDE ALARMS (C.M.D.) OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS. THE ALARM AND SHALL BE LISTED AS COMPLYING WITH UL 2034 AND SHALL BE INSTALLED IN ACCORDANCE WITH IRC R3153 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. 6. UNDERCUT INTERIOR DOORS 1/2" MINIMUM TO PROVIDE AIR FLOW TO ALL HABITABLE SPACES.

6'-0 3/8"+/-

ABVE

- EX POST

- EX BEAM

ABVE

EX POST

EX HOSE BIB

-RELOCATE ELECTRICAL

CONFIRMED (MAINTAIN

PER CODE REQTS)

FUTURE GENERATOR LOCATION, VERIFY

LOCATION W/ OWNER

TYPE 13R FIRE SPRINKER

EQUIPMENT, VERIFY SIZE

HEATER, VENT TO OUTSIDE,

LOCATION TO BE CONFIRMED

-REPAIR CONCRETE SLAB AS

- INSTALL UNDER TILE HEAT @

-INSTALL NEW ON DEMAND WATER

-INFILL EX WINDOW

AND LOCATION

NECESSARY

MUDROOM

PANELS, LOCATION TO BE

30"X36" CLEAR WORKSPACE

EX HOSE BIB



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MAIN FLOOR PLAN

(-19.4 SF)

394.6 SF

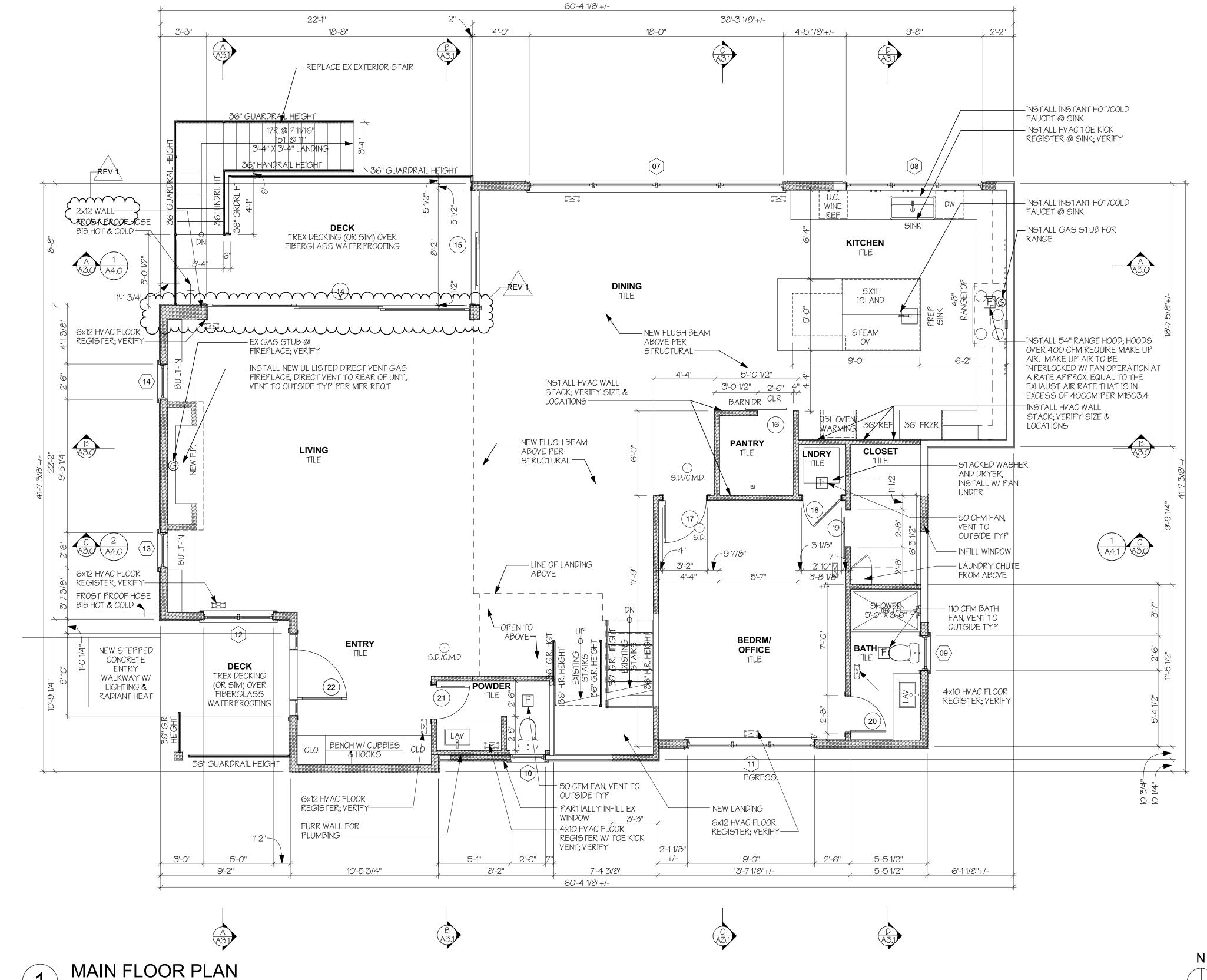
1874.4 SF

190.2 SF

97.6 SF

3918.5 SF

4463.5 SF



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

EXISTING WALLS

NEW OR MODIFIED WALLS

GROSS FLOOR AREA (MEASURED FROM THE OUTSIDE OF EXTERIOR WALLS)	
EXISTING MAIN FLOOR AREA:	1 , 564.3 S
EXISTING AREA DEMOLISHED:	(-19.4 SF
NEW ADDITION:	487.2 S
TOTAL GROSS FLOOR AREA AT MAIN FLOOR:	2,032.1 9
TOTAL GROSS FLOOR AREA (ALL FLOORS):	4646.4 S
MAXIMUM ALLOWED FLOOR AREA RATIO:	4652 9

CONDITIONED FLOOR AREA (MEASURED FROM THE INSIDE OF EXTERIOR WALLS)

EXISTING MAIN FLOOR AREA:

EXISTING AREA DEMOLISHED:

TOTAL CONDITIONED FLOOR AREA:

TOTAL CONDITIONED AREA AT MAIN FLOOR:

EXISTING UNCOVERED DECK TO BE REBUILT:

EXISTING COVERED PORCH TO HAVE NEW FINISHES:

TOTAL CONDITIONED FLOOR AREA (ALL FLOORS):

NEW ADDITION:

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2. ALL DOOR AND WINDOW DIMENSIONS ON THIS PLAN ARE ROUGH OPENING SIZES, UNO. REFER TO WINDOW AND DOOR SCHEDULE FOR MORE INFORMATION. 3. SEE ATTACHED WSEC FORMS FOR ENERGY CODE COMPLIANCE INFORMATION.

SUPPLY AND PROVIDE BATTERY BACKUP AS REQUIRED.

4. INSTALL SMOKE DETECTORS (S.D.) AT LOCATIONS SHOWN. HARDWIRE AND INTERCONNECT DETECTORS TO POWER

5. INSTALL CARBON MONOXIDE ALARMS (C.M.D.) OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS. THE ALARM AND SHALL BE LISTED AS COMPLYING WITH UL 2034 AND SHALL BE INSTALLED IN ACCORDANCE WITH IRC R3153 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS



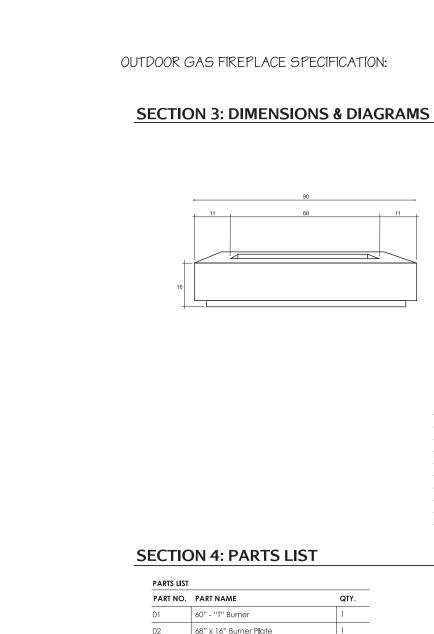
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UPPER FLOOR PLAN



PART NO.	PART NAME	QTY.
01	60" - "T" Burner	1
02	68" x 16" Burner Plate	1
03	90,000 BTU Orifice	1
04	5/8" Male flared fitting	1
05	5/8" Flex line hose	1
06	Key	1
07	Gas Key Valve	1
08	90"L x 38"W x 16"H Fire Table	1
09	Lava Rock	50 L
	LP MODEL ONLY	
10	1/2" Propane Hose 10ft	1
11	90,000 BTU LP Regulator	1

TOOLS REQUIRED Gloves

 Box cutter to cut bands & miscellaneous plastic. Cresesnt wrench to attach gas line.

SECTION 5: GAS REQUIREMENTS

Read this section before installation. It explains what you need to know about liquid propane & natural gas prior to setting up

Your fire feature is not provided with a propane tank. You will need to provide one. Use the following specifications for

The 2-lb. propane gas supply cylinder is constructed and marked in accordance with the specifications for propane gas cylinders as required by the U.S. Department of Transportation (DOT).

MANIFOLD PRESSURE For plumbed-in liquid propane installation, use a regulator

Maximum line pressure for plumbed-in propane is 14" W.C.

psi (3.5 kPa). Minimum line pressure for propane is 11" W.C. Maximum - 14.0" W.C. (1/2psi) PRESSURE REGULATOR The unit must be used with the supplies gas pressure regulator and hose assembly. The regulator will control and maintain a

uniform gas pressure in the manifold. The burner orifice has been sized for the gas pressure delivered by the regulator. CYLINDER SPECIFICATION

Any propane gas supply cylinder used with this fire feature must be approximately 12" in diameter and 18" high. The maximum fuel capacity is 20 lbs. of propane or 5 gallons. Full cylinder weight should be approximately 38 lbs. Always use the cylinder dust cap on the cylinder valve outlet during transport and when the cylinder in not connected to the fire feature. The 20-lb. propane gas cylinder used must include a collar to protect the cylinder valve. FILLER VALVE

If you do not have an updated filler valve on your existing propane tank, you will need to purchase one at your local hardware store, otherwise you will not be able to refill the propane tank at the refill station.

TRANSPORTING GAS CYLINDER Only one cylinder should be transported at a time. Be sure that the cylinder is secure and transported in an upright position with the control valve turned off.

Ensure that the service supplying the fire feature is fitted with a positioned shut off valve that is easily accessible.

REQUIREMENTS

Always check the rating plate to make sure the gas supply you are connecting is the gas type for the manufactured fire feature. The installation of this appliance must conform with local codes or, in the absence of local codes, to the National Fuel Gas Code, ANSI Z223.1, NFPA 54; National Fuel Gas Code; Natural Gas and Propane Installation Code, CSA B149.1; or Propane Storage and Handling Code, CSA B146.2 as applicable. Natural gas connection must be performed by a licensed contractor or local gas company representative.

SUPPLY PRESSURE - 14.0" W.C. (1/2psi)

PRESSURE TESTING If the fire feature is installed with a fixed fuel piping system and equipped with an appliance gas pressure regulator, the fire feature and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of the system at test pressure in excess of 1/2psi (3.5 kPa).

The fire feature must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2psi (3.5 kPa).

GROSS FLOOR AREA (MEASURED FROM THE OUTSIDE OF EXTERIOR WALLS)	
EXISTING UPPER FLOOR AREA:	846.5 SF
EXISTING AREA DEMOLISHED:	(-21.6 SF)
NEW ADDITION:	254.4 SF
PROPOSED GROSS FLOOR AREA AT UPPER FLOOR:	1,079.35F
EXEMPT AREA: ATTIC	(-31.6 SF)
DOUBLE-HEIGHT SPACE:	+51.4 SF
STAIRCASE:	+59 SF
TOTAL FLOOR AREA AT UPPER FLOOR:	1,158.1 SF

CONDITTIONED FLOOR AREA (MEASURED FROM THE INSIDE OF EXTERIOR WALLS)	
EXISTING UPPER FLOOR AREA:	684.1 SF
EXISTING AREA DEMOLISHED:	(-21.6 SF)
NEW ADDITION:	223.5 SF
DOUBLE HEIGHT SPACE AT UPPER LEVEL (COUNT AT 100%)	51.4SF
TOTAL CONDITIONED AREA AT UPPER FLOOR:	907.6 SF
TOTAL FLOOR AREA AT UPPER FLOOR:	959 SF

UPPER FLOOR PLAN

SCALE: 1/4" = 1'-0" EXISTING WALLS NEW OR MODIFIED WALLS

1. ALL DIMENSIONS ARE GIVEN TO THE FACE OF STUD UNO. SCHEDULE FOR MORE INFORMATION.

4x10 HVAC FLOOR REGISTER; VERIFY

13'-10 7/8''

ROOF BELOW

1'-1 1/8''---

TUB

WET ROOM

DECK MOUNTED CABLE RAILING

PER STRUCTURAL

OVER PARAPET WALL PER DETAIL;

CABLE GUARD NOT TO PASS 4"

SHPERE, 36" HEIGHT, TO RESIST

4x10 HVAC FLOOR REGISTER; VERIFY

110 CFM BATH

FAN, VENT TO

OUTSIDE TYP

FAN, VENT TO

OUTSIDE TYP

-4x10 HVAC FLOOR REGISTER; VERIFY

TOILET RM SIDE

- 2x6 PLUMBING

WALL

INSTALL

AT CLOSET

RADIANT HEAT

LAUNDRY CHUTE TO BE BUILT INTO

M. CLOSET CABINETRY. INSTALL

ACCESS HATCH ON CLOSET AND

200 LBS POINT LOAD AT TOP RAIL

J-4 1/4"

-5 3/4"

60'-4 1/4"+/-

3'-0"

22'-1 1/8"

REV 1 2X10 WALL @ M.

36" GUARDRAIL HEIGHT

GAS STUB FOR GAS

LOCATION W/ OWNER -

FIREPLACE; VERIFY

-ROOF DECK

STRUCTURAL-

HOT TUB

76"x76"

HOT TUB EQPT

POSTS/BEAMS PER

BEDROOM WEST-

DIRECTION

CONTRACTOR TO CONFIRM TO INSPECTOR CAPACITY OF ALL

GUARDS TO RESIST 200# LOAD

ACTING ON THE TOP RAIL IN ANY

DECK MOUNTED CABLE RAILING PER.

- DETAIL; CABLE GUARD NOT TO

TOP RAIL PER STRUCTURAL —

PASS 4" SPHERE, 36" HEIGHT, TO

RESIST 200 LBS POINT LOAD AT

TREX DECKING (OR SIM) OVER

FIBERGLASS WATERPROOFING

HOSE BIB HOT &

— GAS STUB FOR HOT

LOCATION W/ OWNER

TUB; VERIFY

22'-11/8"

COLD WATER —

24'-4 1/4"

18'-0"

36" GUARDRAIL HEIGHT

TREX DECKING (OR SIM) OVER

FIBERGLASS WATERPROOFING

-6x12 HVAC FLOOR

M BEDROOM

REGISTER; VERIFY—

5.D./C.M.D

1'-5 3/8''-

7'-4 3/8"

60'-4 1/4"+/-

36" GUARDRAIL HEIGHT

OPEN

(31.6 SF)

NOT ACCESSIBLE

5'-8 7/8''

TO

FROST PROOF HOSE

S.D./C.M.D

M CLO

CARPET

- NEW LANDING

7'-3 3/4"+/-

BARNDR(27) 7"

3'-6 1/2"

ISLAND

M CLO

11'-8 7/8''+/-

CARPET

BIB HOT & COLD-

3. SEE ATTACHED WSEC FORMS FOR ENERGY CODE COMPLIANCE INFORMATION. 4. INSTALL SMOKE DETECTORS (S.D.) AT LOCATIONS SHOWN. HARDWIRE AND INTERCONNECT DETECTORS TO POWER SUPPLY AND PROVIDE BATTERY BACKUP AS REQUIRED.

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6'-11/8"

2. ALL DOOR AND WINDOW DIMENSIONS ON THIS PLAN ARE ROUGH OPENING SIZES, UNO. REFER TO WINDOW AND DOOR



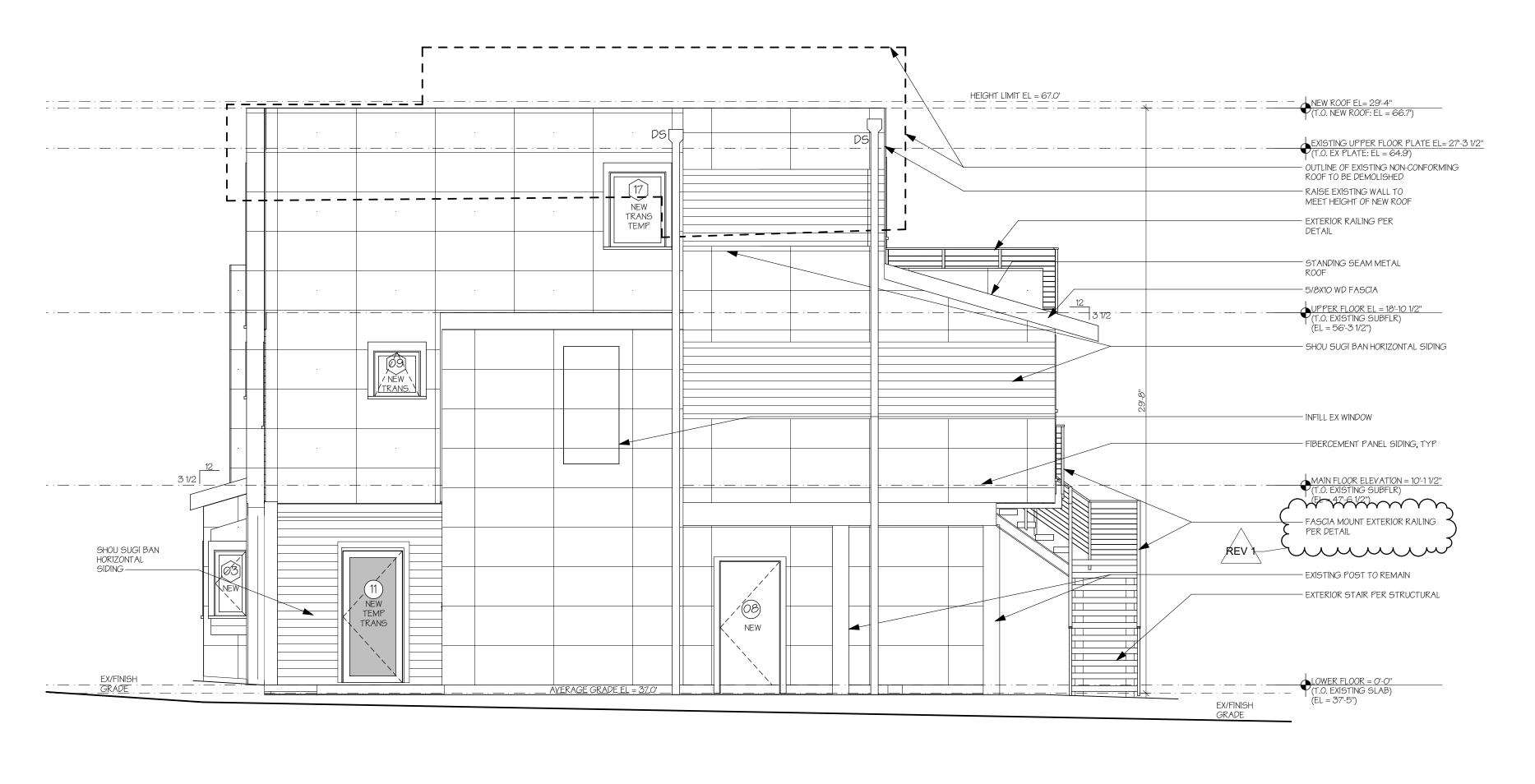
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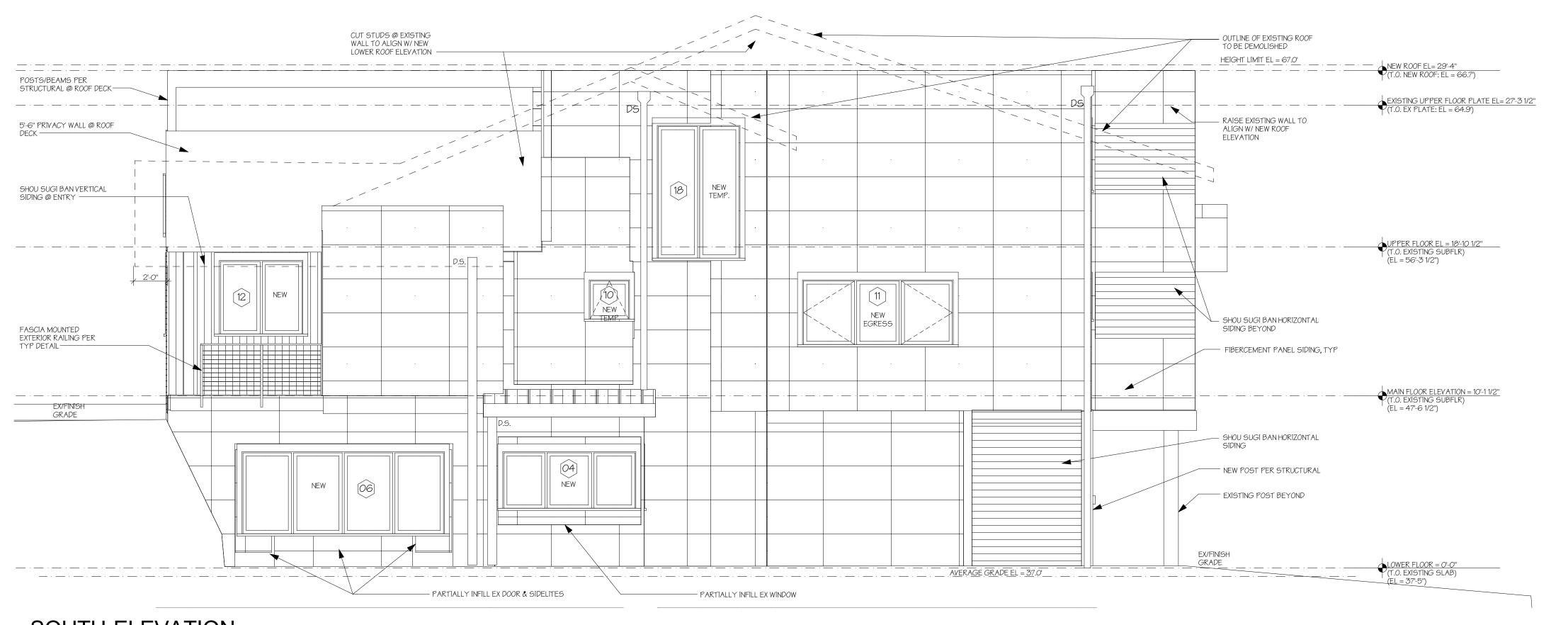
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EXTERIOR ELEVATIONS

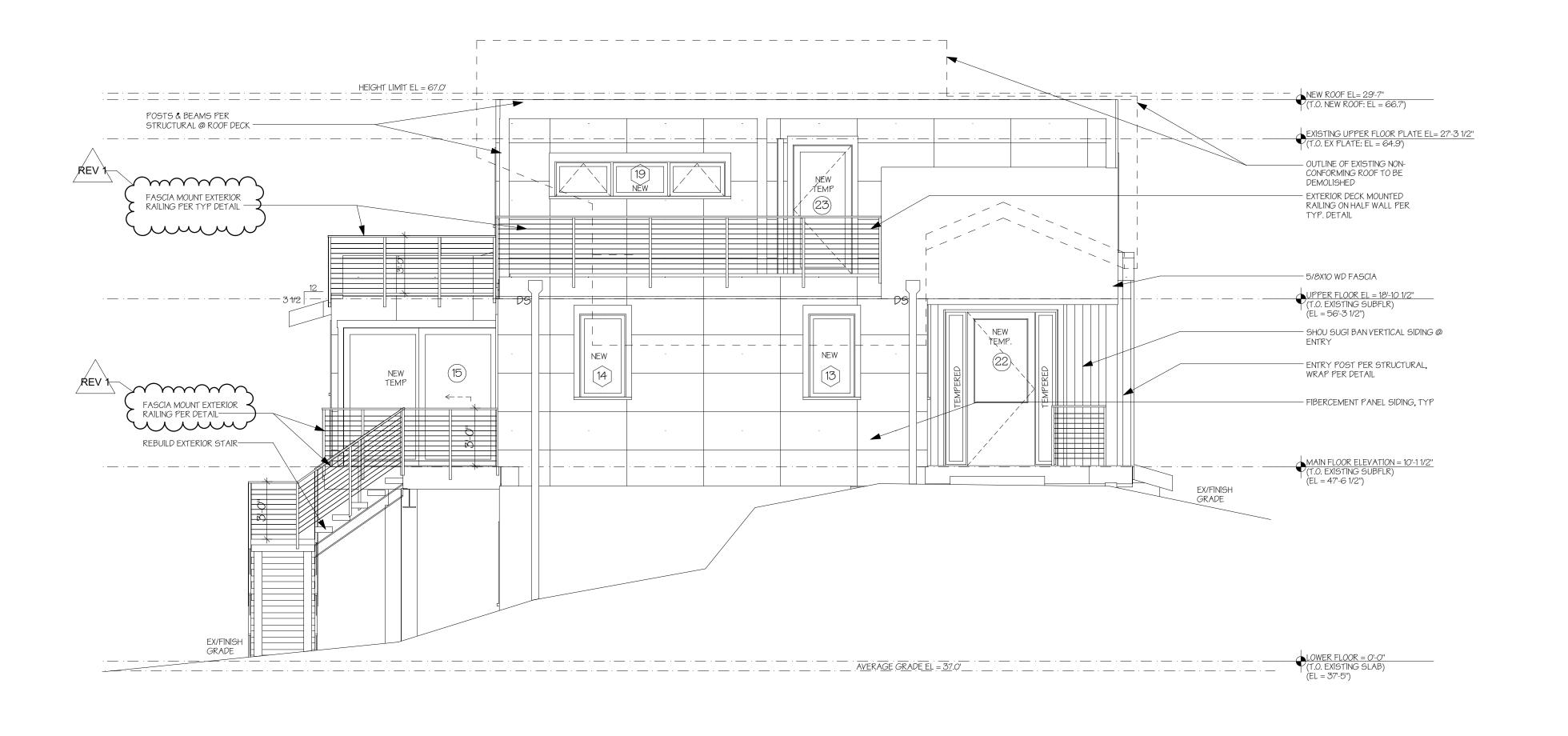


EAST ELEVATION

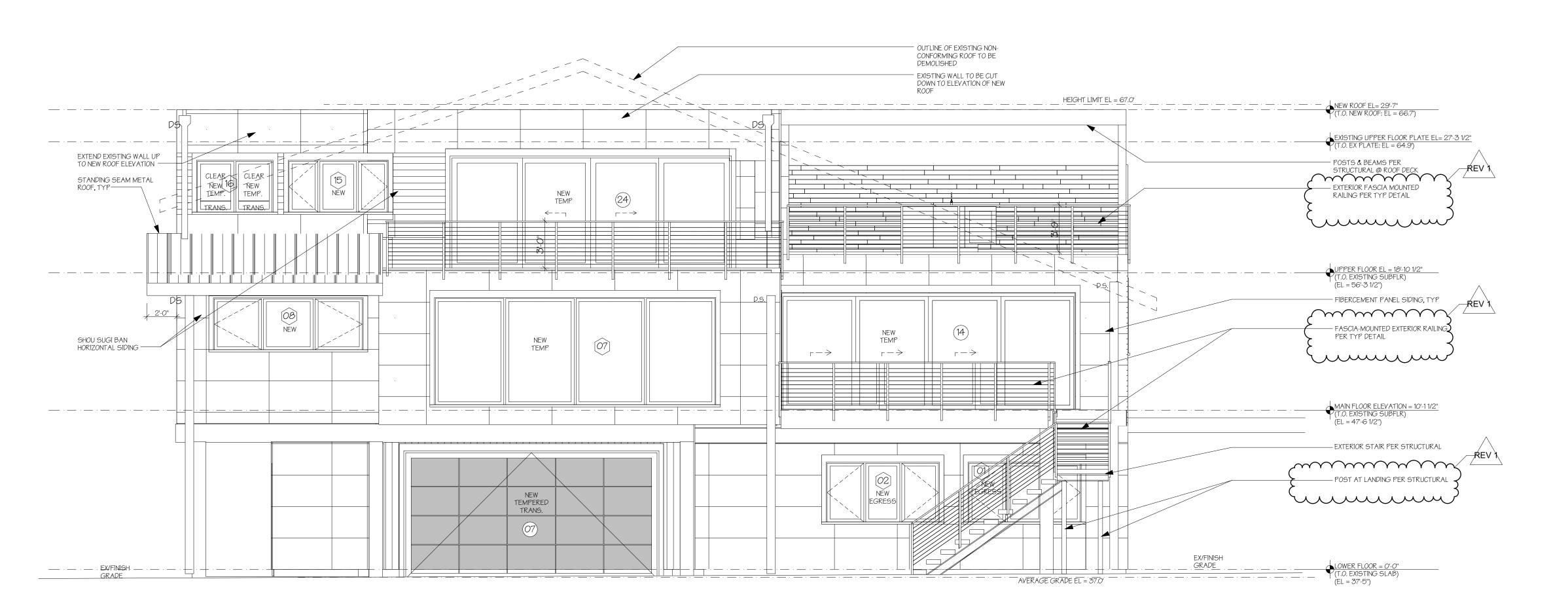
SCALE: 1/4" = 1'-0"



SOUTH ELEVATION



WEST ELEVATION



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







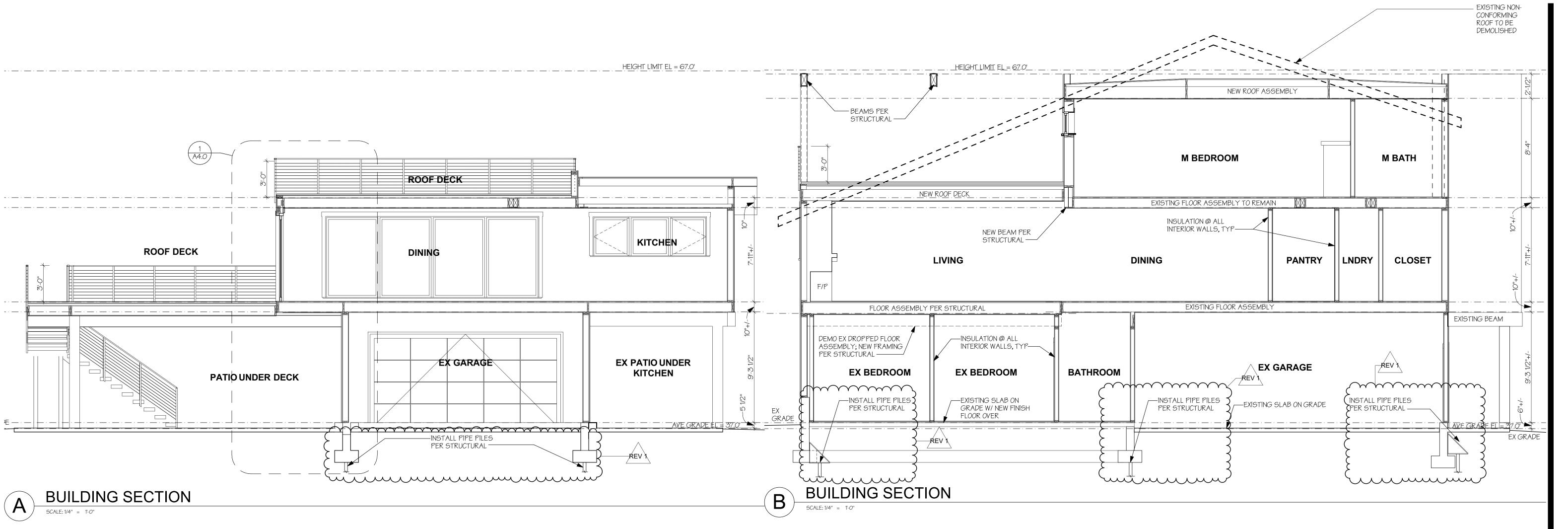


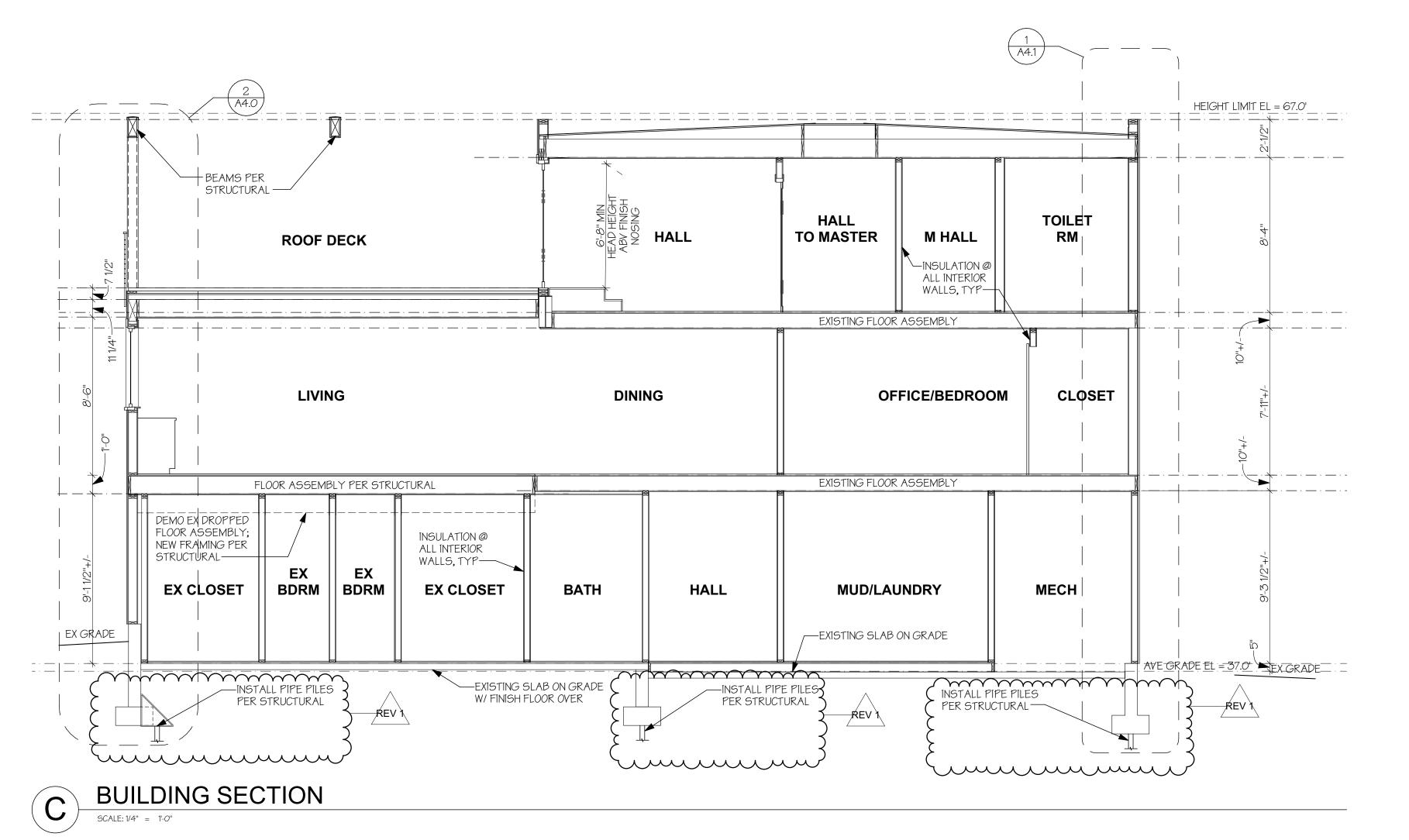
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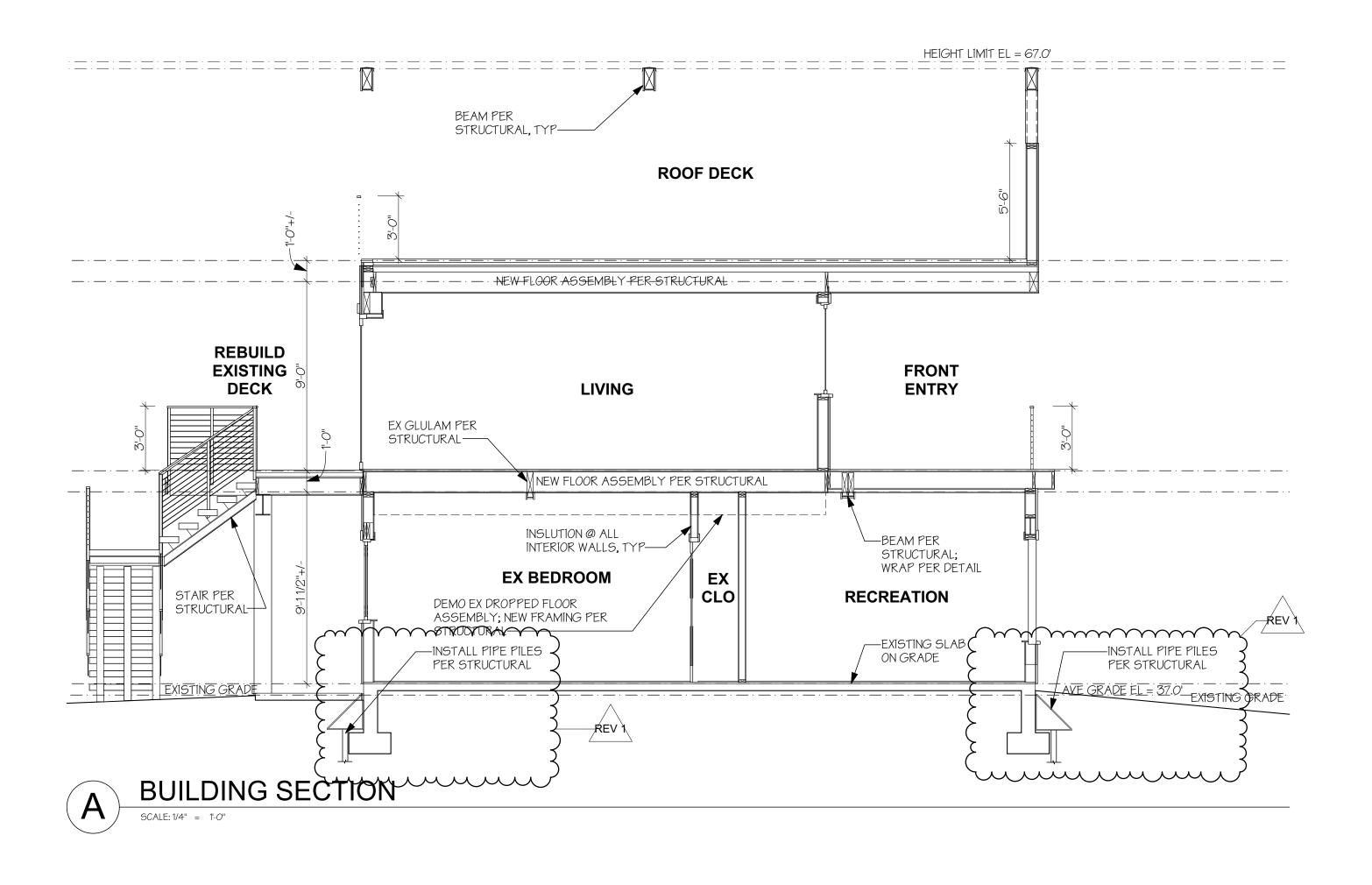
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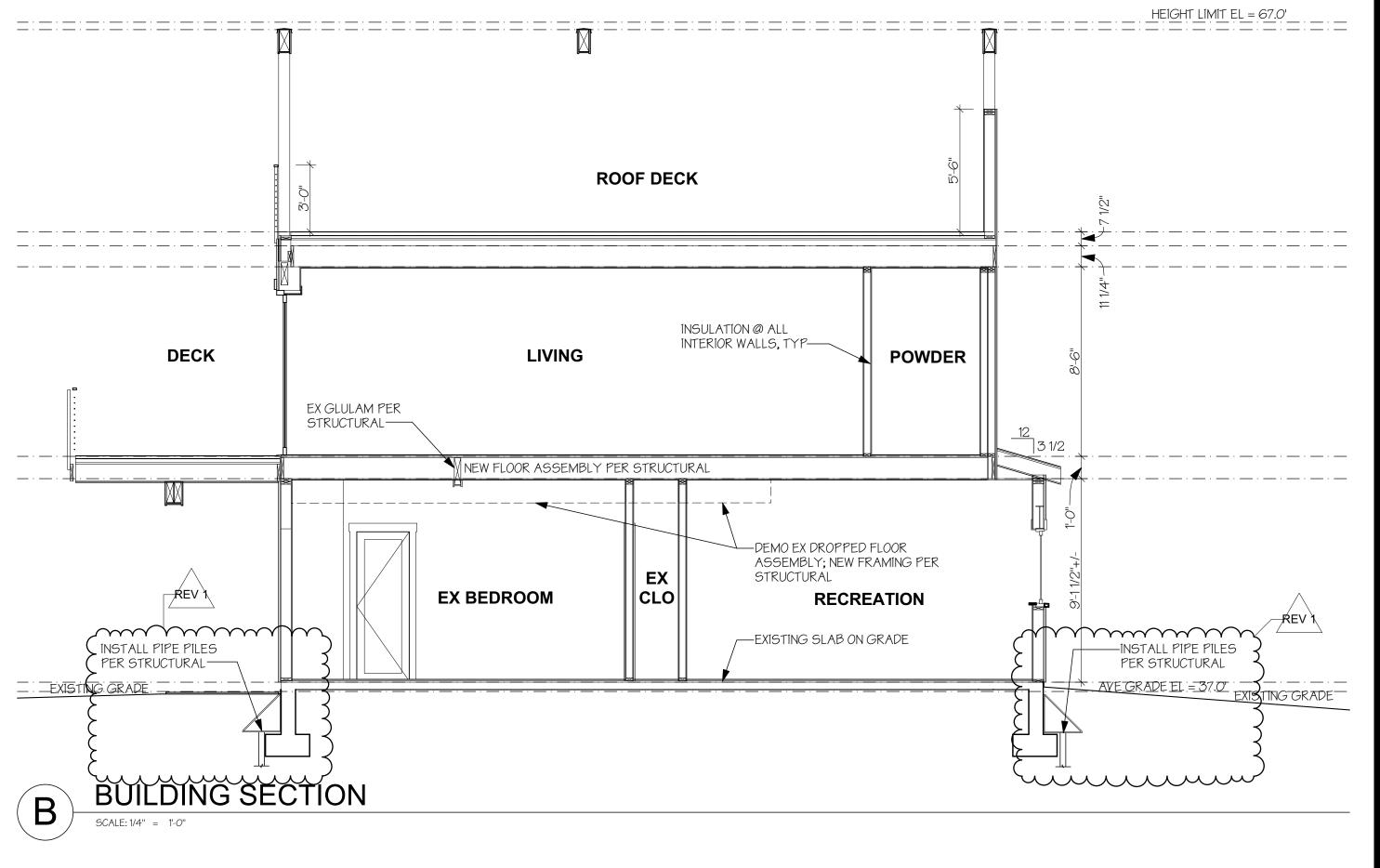
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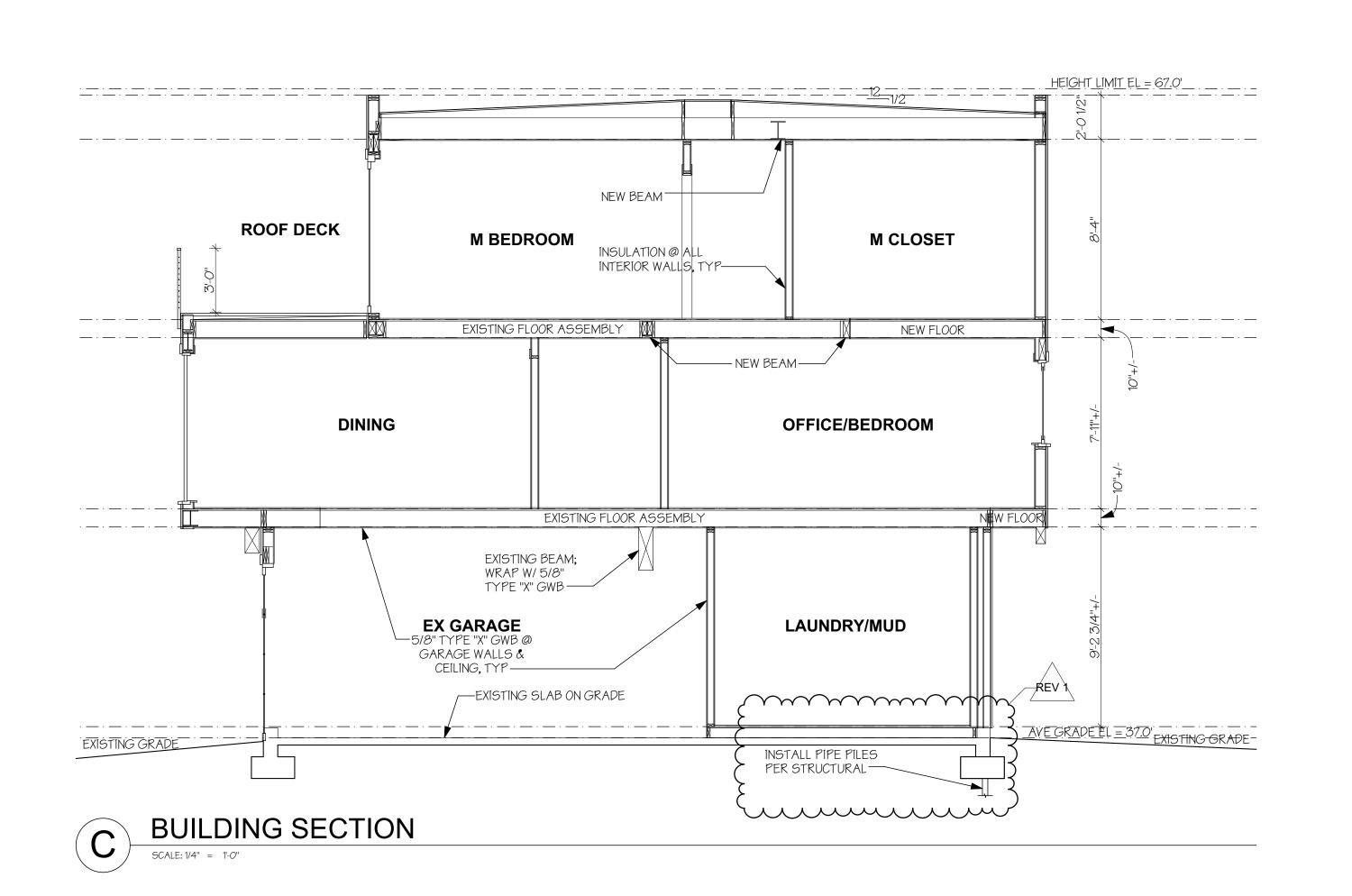
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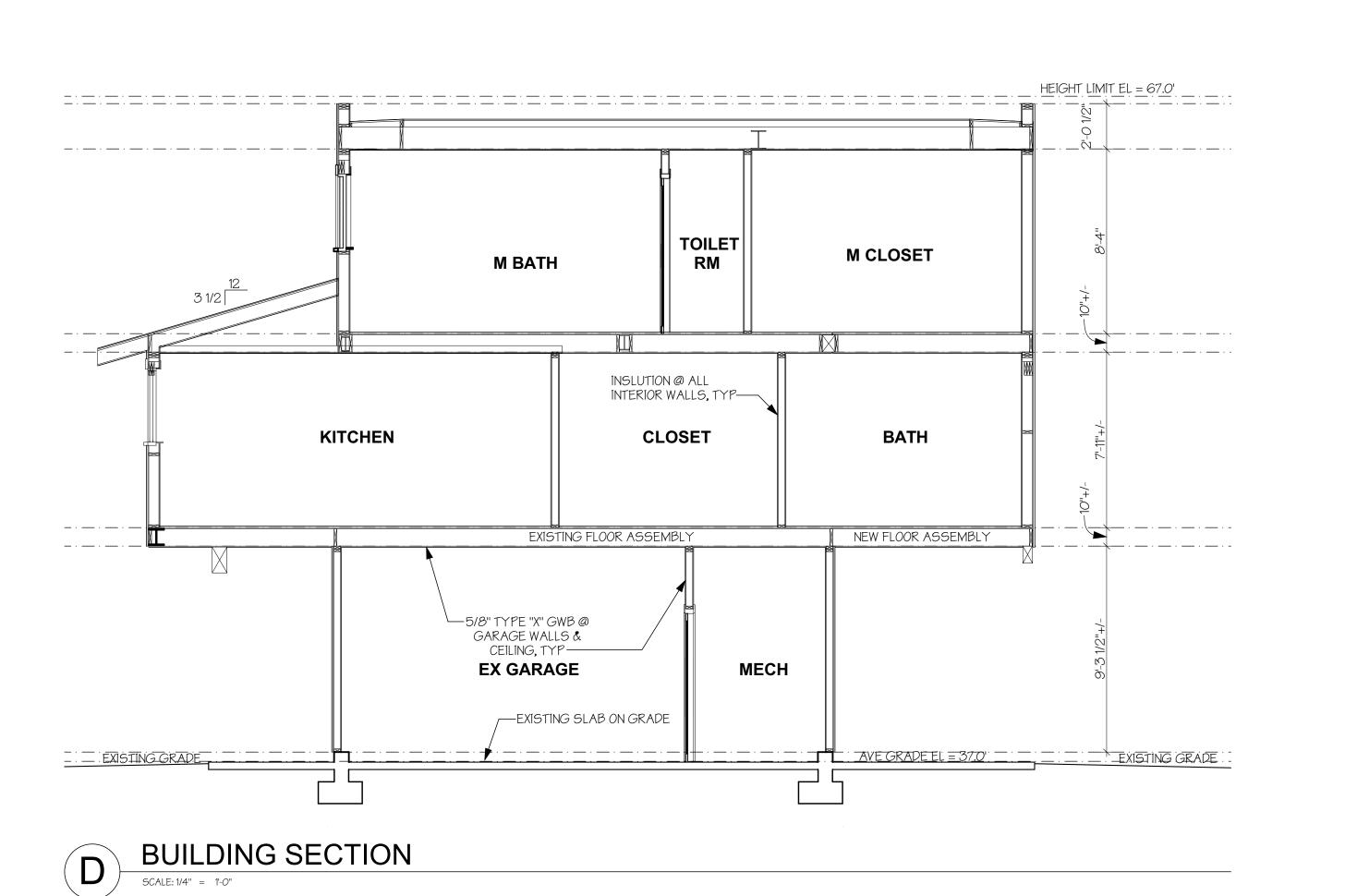
DI III DINC SECTIONS

BUILDING SECTIONS











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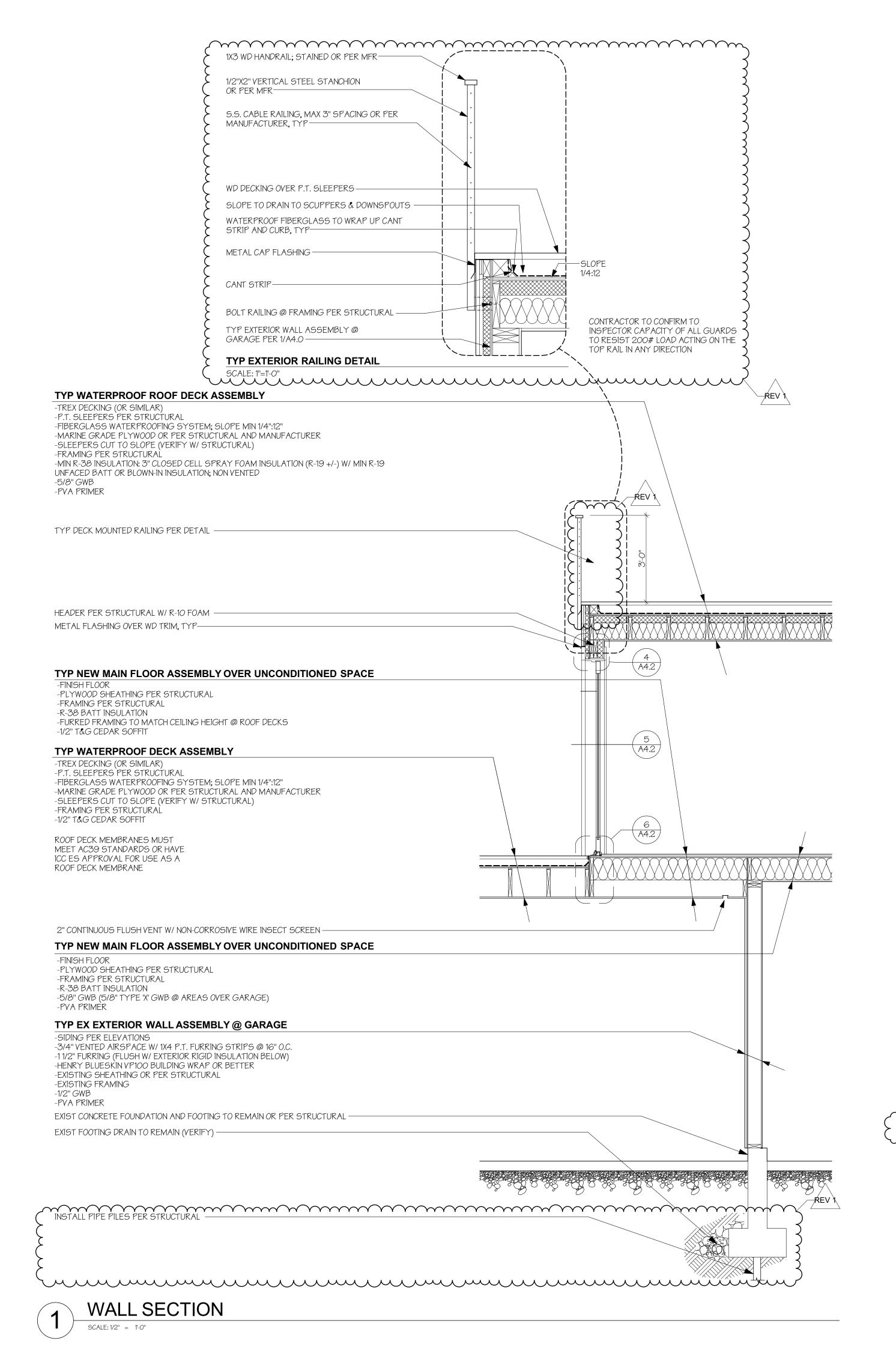
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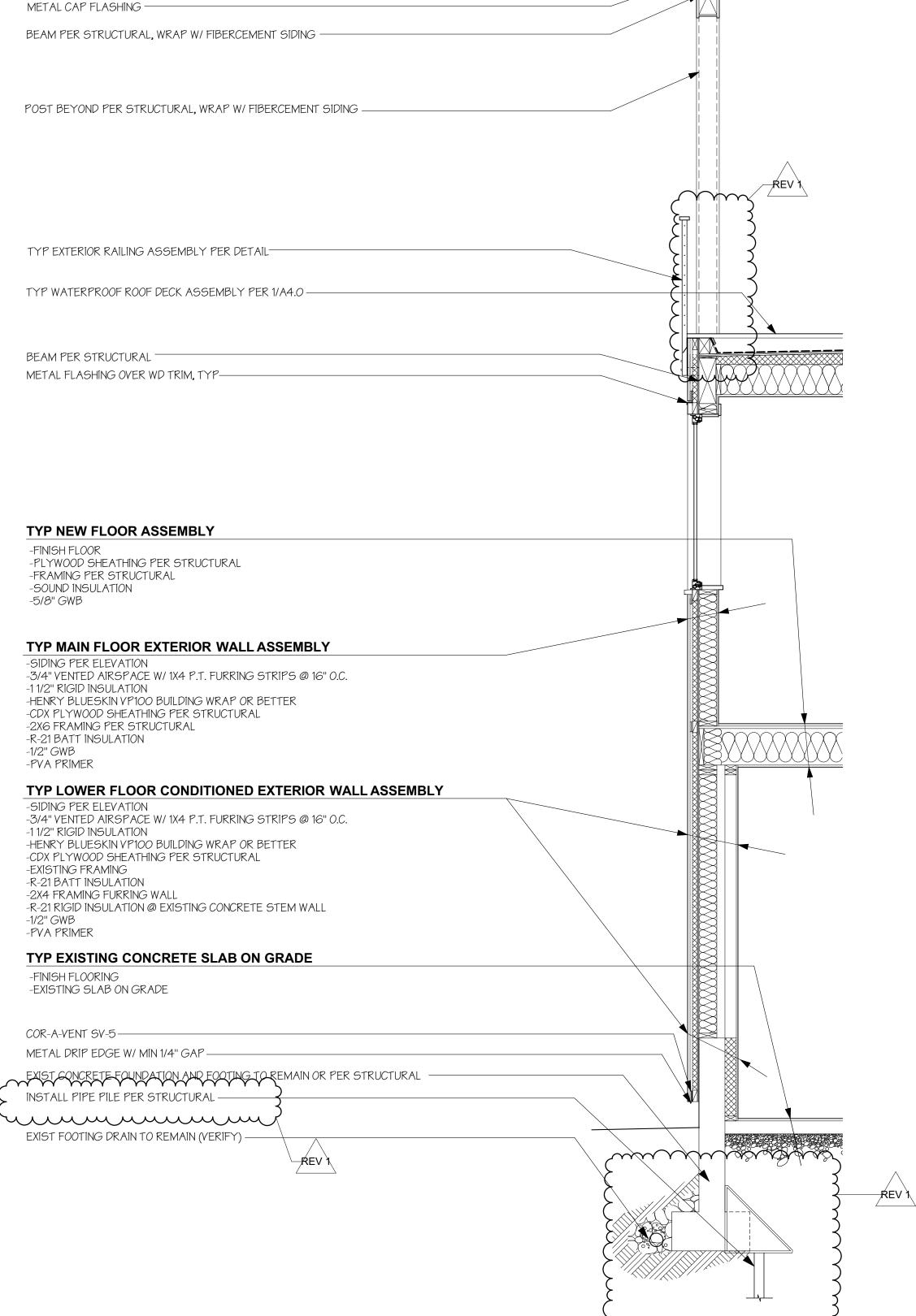
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WALL SECTIONS

WALL SECTIONS

11





WALL SECTION

ENGINEERING DATA

12/8/2009

GPO-3 H900

H900 is recognized throughout the world as a reliable, consistent GPO-3 material. Standard size sheets are available in thicknesses ranging from .094" to 2.00". H900 also exhibits excellent smoke, flame and toxicity characteristics. Govt. Spec I-24768/6. Standard color - red.

Physical	Test Method	Unit	Result
Barcol Hardness	Barcol	Scale	62
Specific Gravity	D-792		1.80
Density, <i>Lbs/In</i> ³		Lbs/Cu. In.	0.065
Water Absorption, %	D-229	%	0.20
UL Flammability, File# E81893	UL94	Class	94V-O
Flame Resistance, Seconds			
Ignition Time	D-229	Seconds	130
Burning Time	D-229	Seconds	33
Radiant Panel	E-162	Flame Spread	5.0
Smoke Density at 4.0 minutes, flaming	E-662	Optical Density	0.33
Tunnel Test, 1/4" Thickness	E-84	Flame Spread	<25
Temperature Class*		Degrees C	160
Mechanical			
Tensile Strength, PSI	D-638	PSI	9,000
Flexural Strength, <i>PSI</i>	D-790	PSI	18,000
Modulus of Elasticity in Flexure, <i>PSI</i>	D-790	X106PSI	1.50
Compressive Strength, PSI	D-695	PSI	30,000
Bond Strength, 1/2" Thickness, <i>PSI</i>	D-229	PSI	1400
Shear Strength, PSI	D-732	PSI	14,000
Impact Strength, Izod Edgewise	D-256	Ft lbs/ln. Notch	8.0

Page 1 of 2

haysite	EN		ERING
haysite reinforced plastics		DAT	A
GPO-3	H9	00	12/8/2009
Electrical			
Dielectric Strength, ⊥, Short Time In Oil 1/16", VPM	D-149	VPM	450
Dielectric Strength, Parallel, Step-By-Step In Oil, KV	D-149	KV	55.0
Arc Resistance, Seconds	D-495	Seconds	190
Comparative Track Index	СТІ	Seconds	600+
Inline Plane Track Resistance -	D-2303	Minutes	1000
Dielectric Constant @60HZ	D-150		5.20
Dissipation Factor @ 60 Hz	D-150		0.06

Unless otherwise indicated, all properties published are based on test performed on standard ASTM test samples and according to ASTM test methods. Values shown are for test samples made from production materials and they are believed to be conservative. No warranty is to be construed, however, in fabricated or molded form, parts may vary considerably from this standard test data. Where specific or unusual applications arise, test should be made on actual parts, and test procedures agreed upon between Haysite Reinforced Plastics

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WALL SECTION

1

WALL SECTION

TYP ROOF ASSEMBLY

HEIGHT OF PARAPET WALL

—— METAL FLASHING OVER WD TRIM, TYP

- HEADER PER STRUCTURAL W/ R-10 FOAM

TYP NEW FLOOR ASSEMBLY PER 2/A4.0

TYP NEW MAIN FLOOR ASSEMBLY OVER UNCONDITIONED SPACE PER 1/A4.0

GARAGE

-1/2" GWB -PVA PRIMER

-SIDING PER ELEVATION

-EXISTING FRAMING

— COR-A-VENT SV-5

OR PER STRUCTURAL

MARINE OF THE PROPERTY OF THE

TYP LOWER FLOOR EXTERIOR WALL ASSEMBLY @

-3/4" VENTED AIRSPACE W/ 1X4 P.T. FURRING STRIPS @ 16" O.C. -1 1/2" FURRING (FLUSH W/ EXTERIOR RIGID INSULATION BELOW)

-HENRY BLUESKIN VP100 BUILDING WRAP OR BETTER

-EXISTING SHEATHING OR PER STRUCTURAL

EXIST CONCRETE FOUNDATION AND FOOTING TO REMAIN

- EXIST FOOTING DRAIN TO REMAIN (VERIFY)

INSTALL PIPE PILE PER STRUCTURAL

- METAL DRIP EDGE W/ MIN 1/4" GAP

TYP NEW MAIN FLOOR EXTERIOR WALL ASSEMBLY PER 1/A4.0

-5/8" GWB

-PVA PRIMER

--- TYP PARAPET WALL

—— CANT STRIP

3 A4.2 -FIBERGLASS WATERPROOFING SYSTEM; SLOPE MIN 1/4":12"

-MARINE GRADE PLYWOOD OR PER STRUCTURAL AND MANUFACTURER

-FRAMING PER STRUCTURAL
-MIN R-38 INSULATION: 3" CLOSED CELL SPRAY FOAM INSULATION (R-19 +/-) W/ MIN R-19
UNFACED BATT OR BLOWN-IN INSULATION; NON VENTED

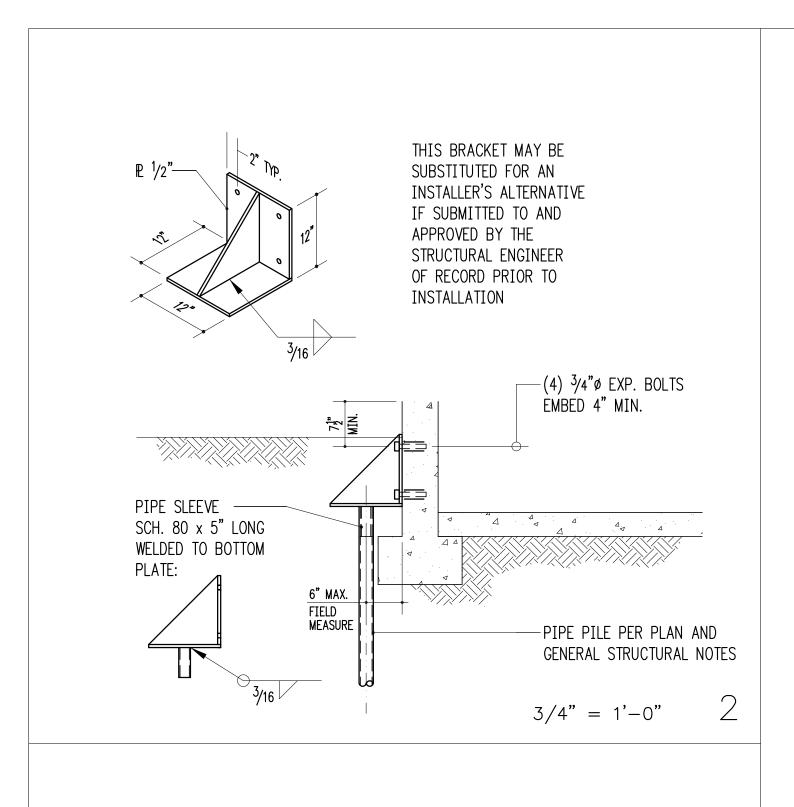
-UNDERLAYMENT PER FIBERGLASS MANUFACTURER

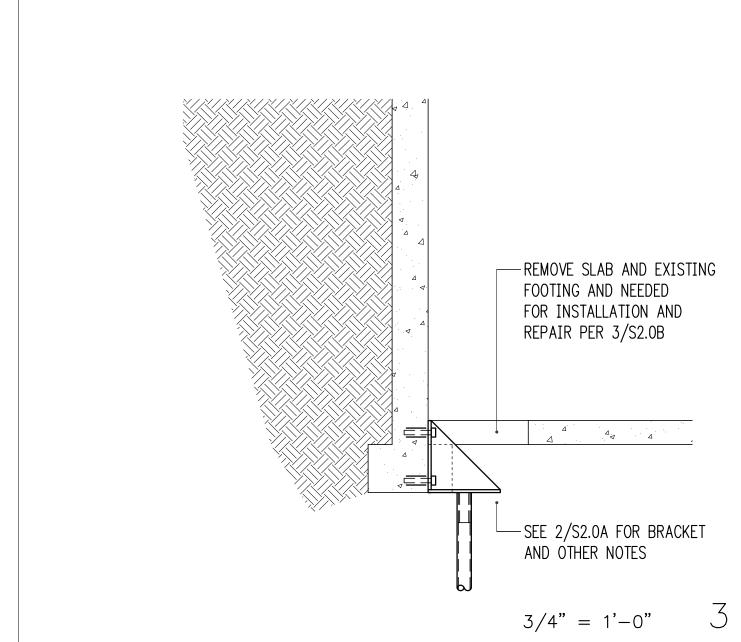
-SLEEPERS CUT TO SLOPE (VERIFY W/ STRUCTURAL)

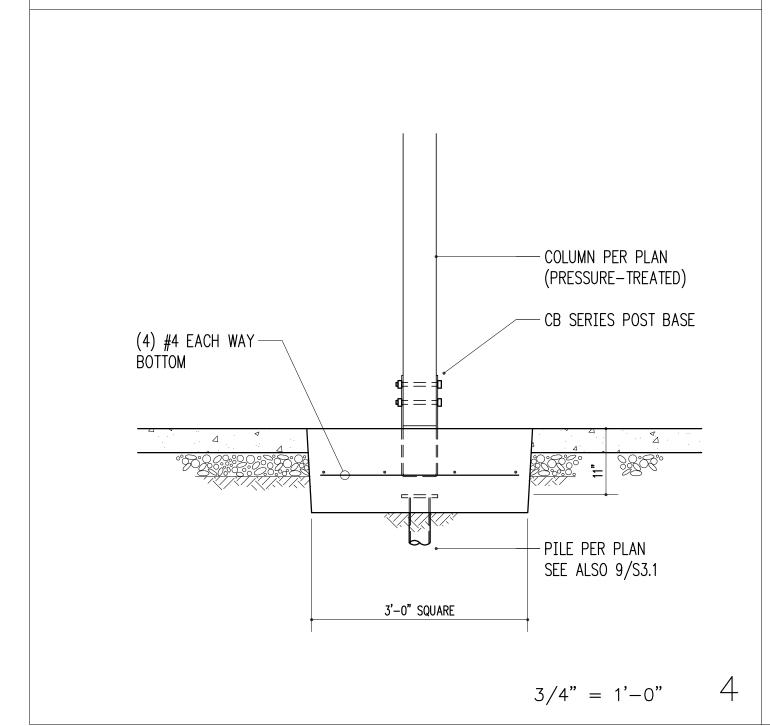
─ METAL CAP FLASHING & COUNTER FLASHING

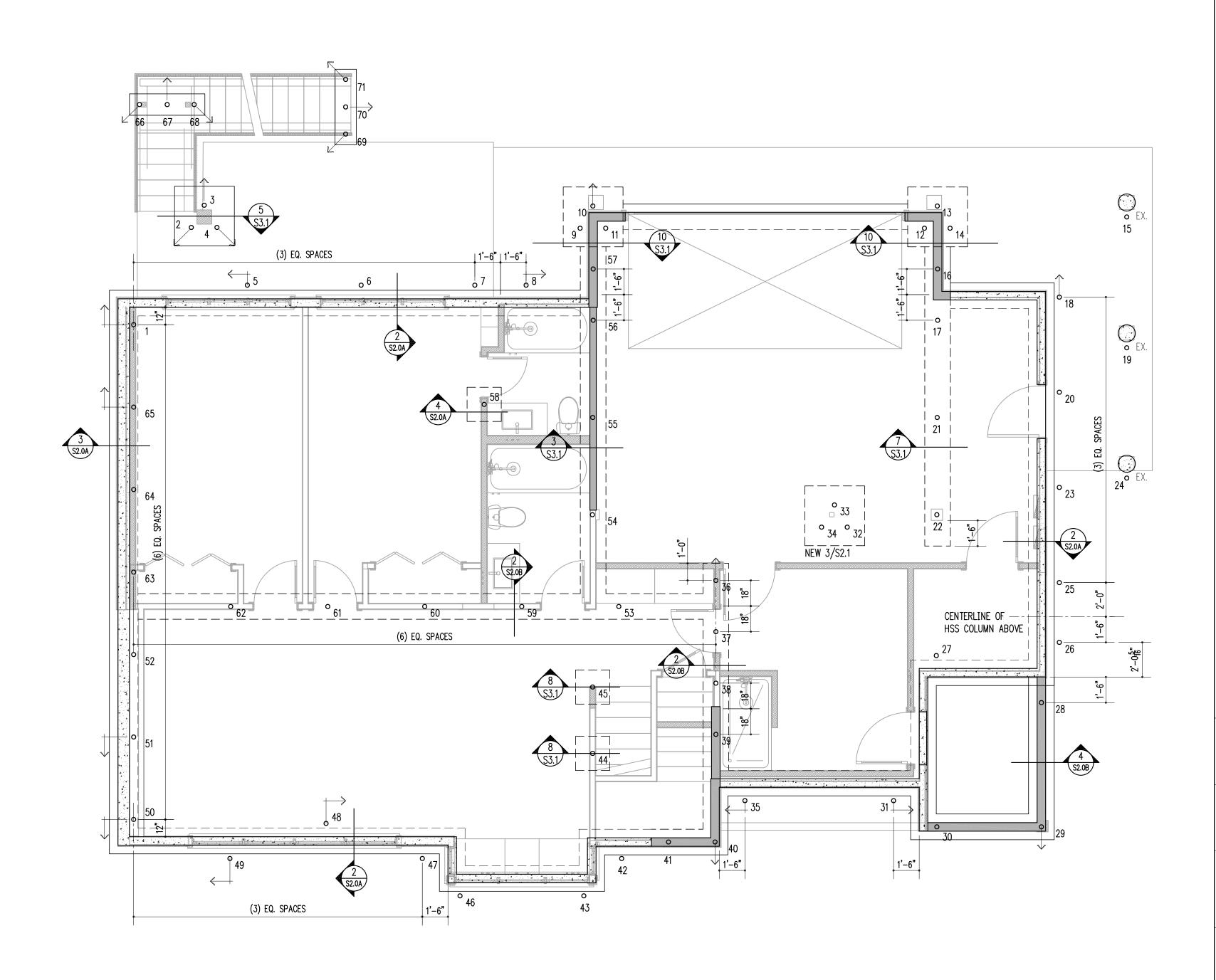
FIBERGLASS WATERPROOFING TO RUN UP FULL

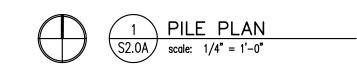
Page 2 of 2

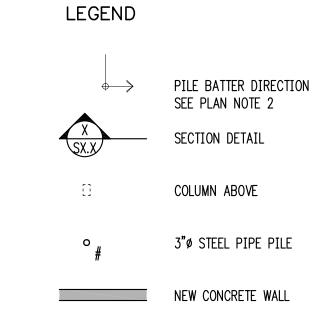












EXISTING CONCRETE WALL

PILE PLAN NOTES

1. ALL PILES 3"Ø PER GENERAL NOTES 2. WHERE MARKED WITH \longrightarrow BATTER PILE AT 15 DEGREES FROM VERTICAL IN THE

DIRECTION INDICATED

3. GEOTECHNICAL ENGINEER OF RECORD MUST BE PRESENT FOR PILE DRIVING.

4. SEE GENERAL STRUCTURAL NOTES FOR HAMMER AND DRIVING REQUIREMENTS

5. UNLESS NOTED OTHERWISE, ALL PILES SHALL BE CENTERED UNDER THE STEMWALL DIRECTLY ABOVE

6. SEE X/SX.O FOR PILE EMBEDMENT INTO

THIS SHEET ENTIRELY NEW

10/14/20 11/13/20 Revisions

FOOTING REQUIREMENTS

Drawing Title
PILE PLAN

Building Department Approval

Todd Valentine tel 206 624 4760 ex. 27 fax 206 447 6971

H2D Architecture + Design 23020 Edmonds Way, #113 Edmonds, WA 98020

Werelius Residence

Issue Description

Framing Revisions

Framing Revisions

Framing Revisions

Trellis Revisions

Foundation Revisions

Framing Revisions

Pin Pile Revision

Corrections #2

Revisions

Corrections #1

Construction

8452 North Mercer Way Mercer Island, WA 98040

Project Architect

Project

Issue Date 6/18/19 7/16/19

7/26/19

1/17/20

4/17/20

4/24/20

6/1/20

8/17/20

8/31/20

tvalentine@harriottvalentine.com

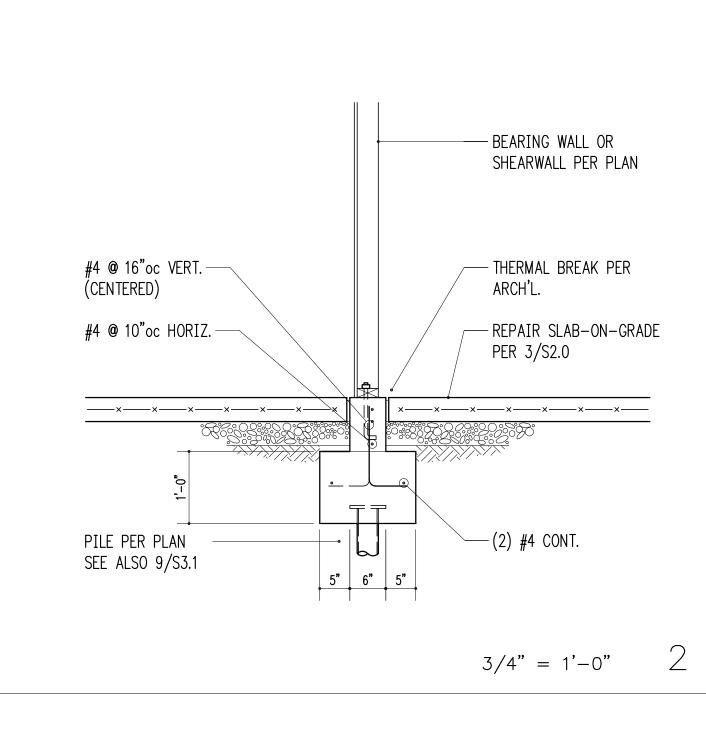
HV

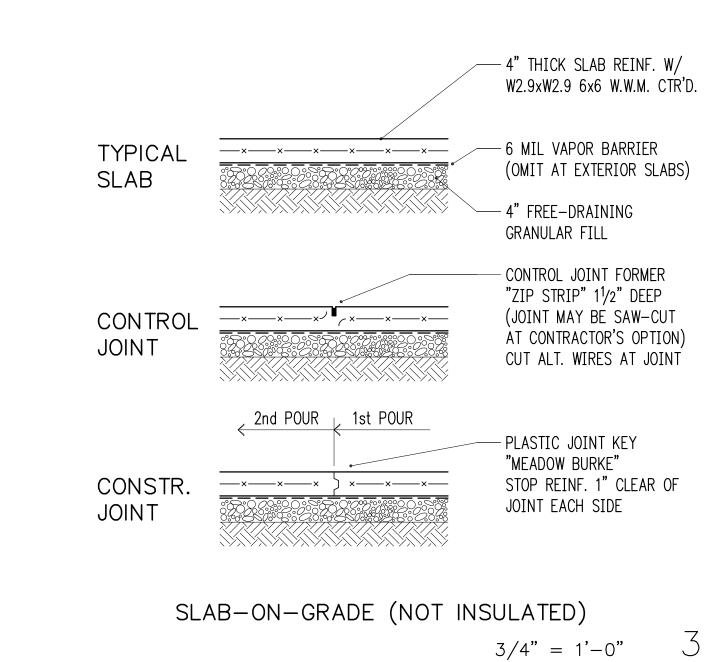
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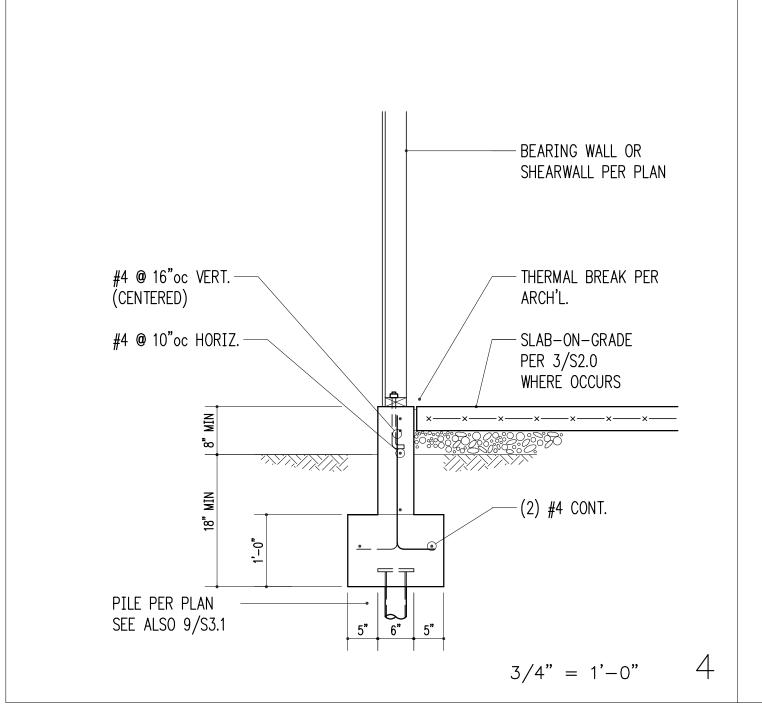
tel 206 624 4760 fax 206 447 6971 www.harriottvalentine.com

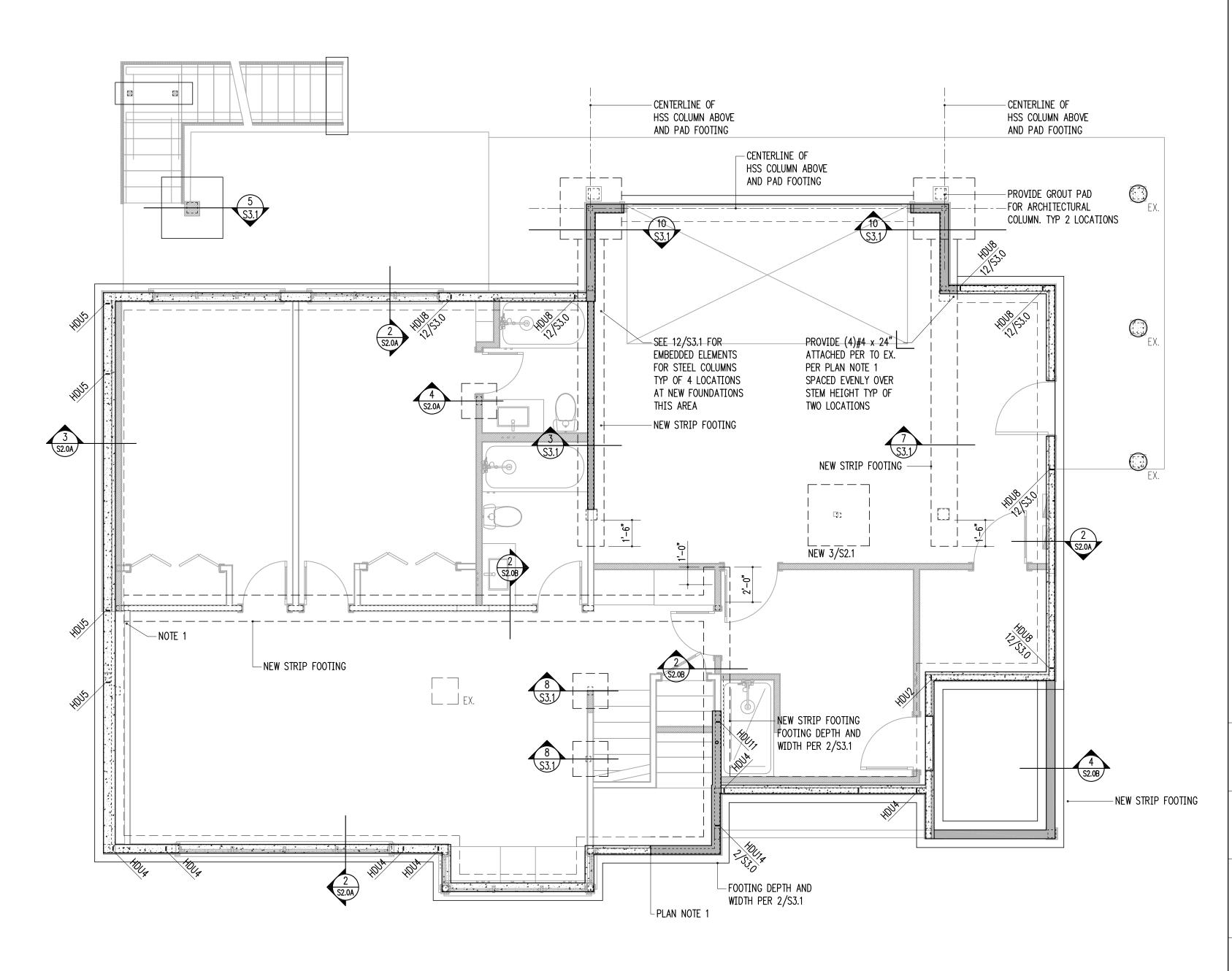
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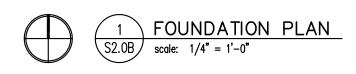
S2.0A







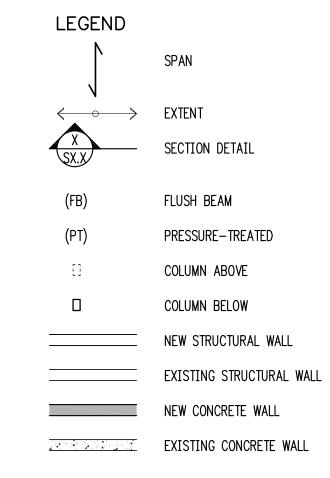




HANGER SCHEDULE

MEMBER (FLAT ONLY)	HANGER	FACE NAILING	CAPACITY (Cd = 1.0)
2x10 or 2x12	LUS210	10d COMMON	1275 lb
(2)2x10	HUS210-2	0.162x3 ¹ /2	2110 lb
4x10	HUC410	0.162x3 ¹ /2	2680 lb
11 ⁷ /8" TJI 560	IUS3.56/11.88	10d COMMON	1405 lb
(2) 1 ³ /4x9 ¹ /4 LVL	HUC410	0.162x3 ¹ /2	2680 lb

NOTE!! EXISTING FRAMING MEMBERS AS INDICATED ON THIS PLAN ARE ASSUMED FOR DESIGN PURPOSES ONLY. HARRIOTT VALENTINE ENGINEERS SHALL NOT BE HELD LIABLE FOR LOCATION/ SIZE OF EXISTING MEMBERS AS CALLED ON THIS PLAN. EXISTING MEMBERS SHALL BE VERIFIED AND REPORTED TO STRUCTURAL ENGINEER OF RECORD PRIOR TO CONSTRUCTION.



ALL—THREAD HOLDOWN AT END OF SHEARWALL ABOVE

END OF SHEARWALL ABOVE

STRAP HOLDOWN AT

FOUNDATION PLAN NOTES

- 1. WHERE NEW CONCRETE WALLS OR FOOTING ABUT EX. CONCRETE, PROVIDE DOWELS #4 x 2'-0" TO MATCH HORIZ. REINFORCING, EMBED 5" IN EPOXY GROUT.
- SEE 10/S4.0 FOR TYPICAL HOLDOWN REQUIREMENTS AT CONCRETE WALLS AND FOOTINGS.
- 3. SLAB-ON-GRADE SHALL BE PLACED AND CURED FOR A MINIMUM OF SEVEN DAYS BEFORE RETAINING WALLS ARE BACKFILLED. SEE RETAINING WALL DETAILS FOR SPECIFIC CONFIGURATION.
- 4. SEE 11/S3.0 FOR CORNER REINFORCING AT NEW CONCRETE STEMS AND FOOTINGS

THIS SHEET ENTIRELY REVISED

Revisions

Foundation Revisions

Framing Revisions

Pin Pile Revision

8/31/20

10/14/20

11/13/20 Revisions

Building Department Approval

FOUNDATION PLAN

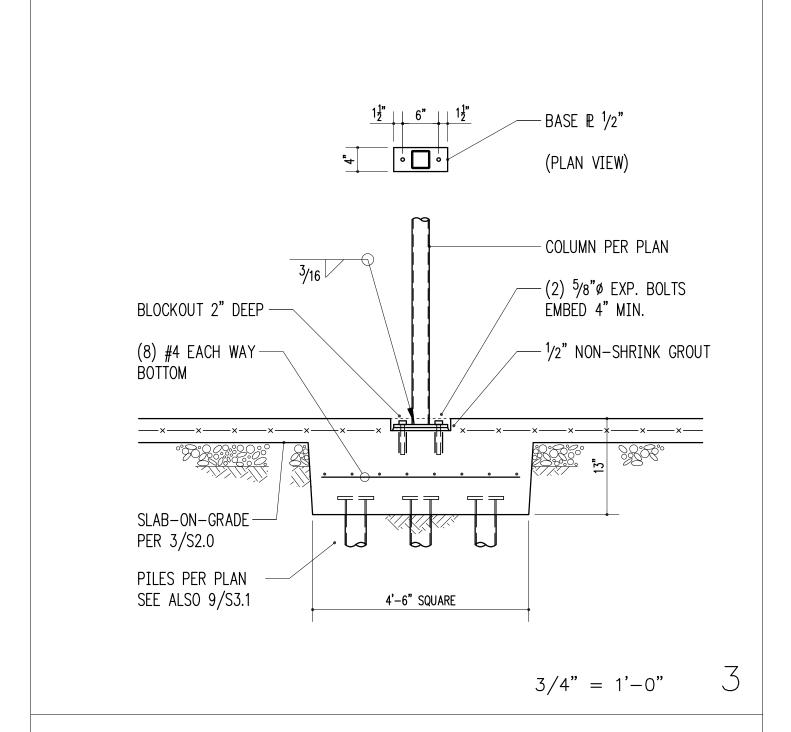
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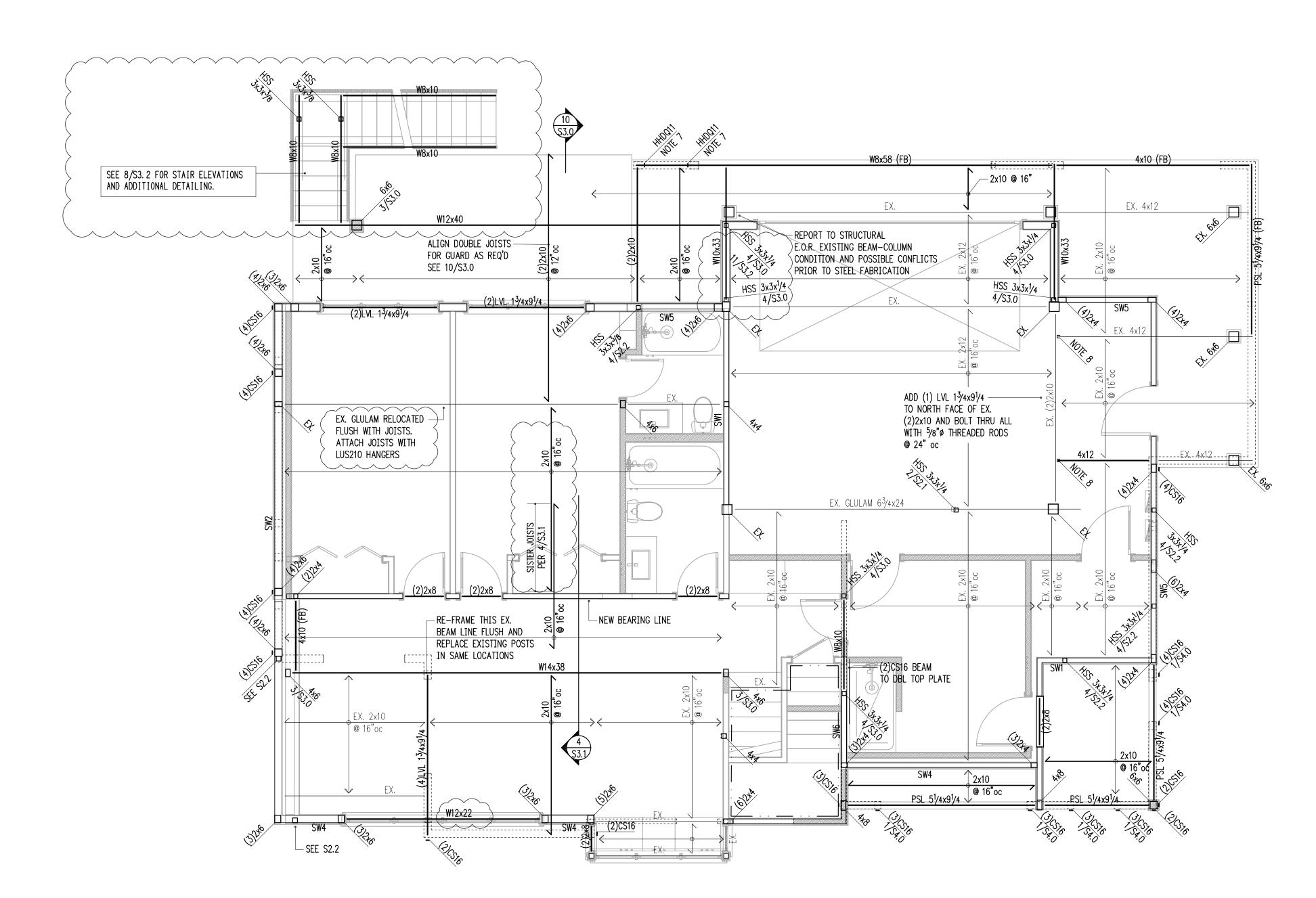
S2.0B



HV

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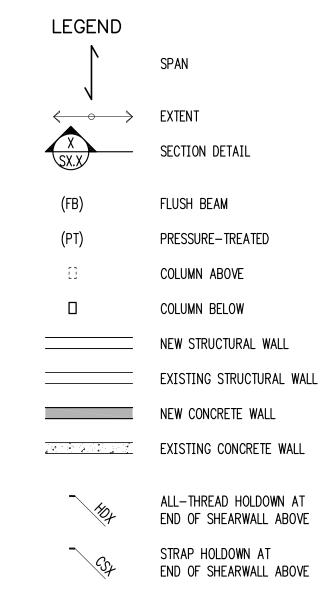
1 MAIN FLOOR FRAMING PLAN (BASEMENT WALLS)

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

HANGER SCHEDULE

MEMBER (FLAT ONLY)	HANGER	FACE NAILING	CAPACITY (Cd = 1.0)
2x10 or 2x12	LUS210	10d COMMON	1275 lb
(2)2x10	HUS210-2	0.162x3 ¹ /2	2110 lb
4x10	HUC410	0.162x3 ¹ /2	2680 lb
117/8" TJI 560	IUS3.56/11.88	10d COMMON	1405 lb
(2) 1 ³ /4x9 ¹ /4 LVL	HUC410	0.162x3 ¹ /2	2680 lb

NOTE!! EXISTING FRAMING MEMBERS AS INDICATED ON THIS PLAN ARE ASSUMED FOR DESIGN PURPOSES ONLY. HARRIOTT VALENTINE ENGINEERS SHALL NOT BE HELD LIABLE FOR LOCATION/ SIZE OF EXISTING MEMBERS AS CALLED ON THIS PLAN. EXISTING MEMBERS SHALL BE VERIFIED AND REPORTED TO STRUCTURAL ENGINEER OF RECORD PRIOR TO CONSTRUCTION.



FRAMING PLAN NOTES

- 1. SW__ INDICATES SHEARWALL TYPE PER SCHEDULE 8/S4.0. REFER TO DETAILS FOR TYPICAL SHEARWALL CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL INFORMATION.
- 2. REFER TO GENERAL STRUCTURAL NOTES FOR FLOOR OR ROOF SHEATHING TYPE, THICKNESS, AND NAILING.
- 3. COLUMNS SHALL BE DOUBLE STUD MINIMUM, UNLESS NOTED OTHERWISE. SEE 11/S4.0.
- 4. AT ALL SHEARWALLS PROVIDE DOUBLE TOP PLATES AND SPLICE PER 12/S4.0.
- 5. CS__ INDICATES COILED STRAP TYPE PER SCHEDULE 6/S4.0. REFER TO DETAILS FOR TYPICAL STRAP ASSEMBLY.
- 6. POSTS □, INCLUDING ENDS OF WALL OPENINGS, SHALL BE (2)2x6 UNLESS NOTED OTHERWISE.
- 7. WELD THREADED RODS FOR HOLD DOWNS AND BOTTOM PLATE ATTACHMENT TO STEEL BEAMS BELOW
- 8. WHERE NOTED ON PLAN ATTACH 4x12 TO BEAM ABOVE WITH SIMPSON THA426 TRUSS HANGER



Project Contact

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HV

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Project Architect

H2D Architecture + Design
23020 Edmonds Way, #113
Edmonds, WA 98020

Werelius Residence
8452 North Mercer Way
Mercer Island, WA 98040

Issue Date	Issue Description
6/18/19	Permit
7/16/19	Framing Revisions
7/26/19	Framing Revisions
1/17/20	Corrections #1
4/3/20	Framing Revisions
4/17/20	Construction
4/24/20	Trellis Revisions
6/1/20	Corrections #2
8/17/20	Revisions
8/31/20	Foundation Revisions
10/8/20	Framing Revisions
10/14/20	Pin Pile Revision
11/13/20	Revisions

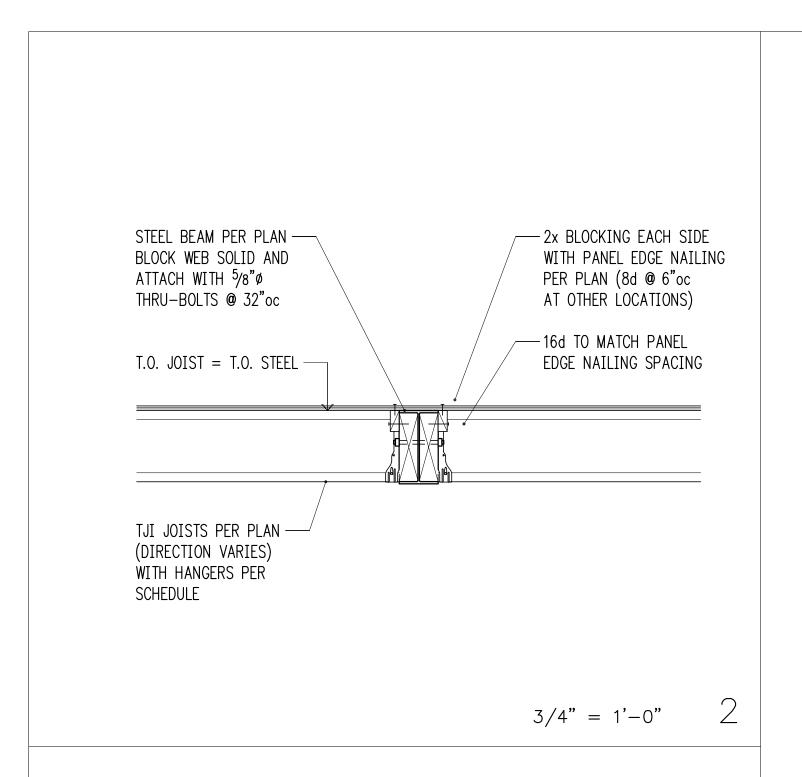
Building Department Approval

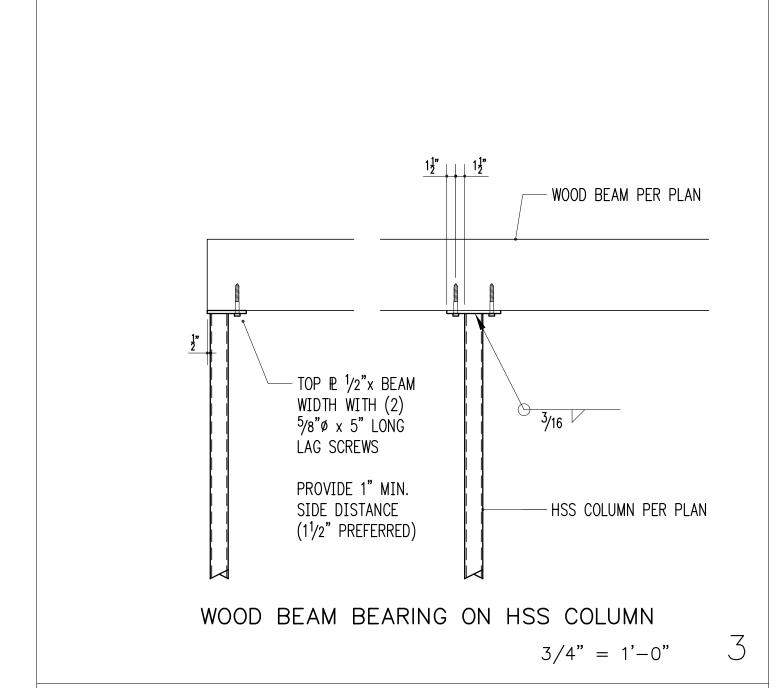
Drawing Title
MAIN FLOOR
FRAMING PLAN

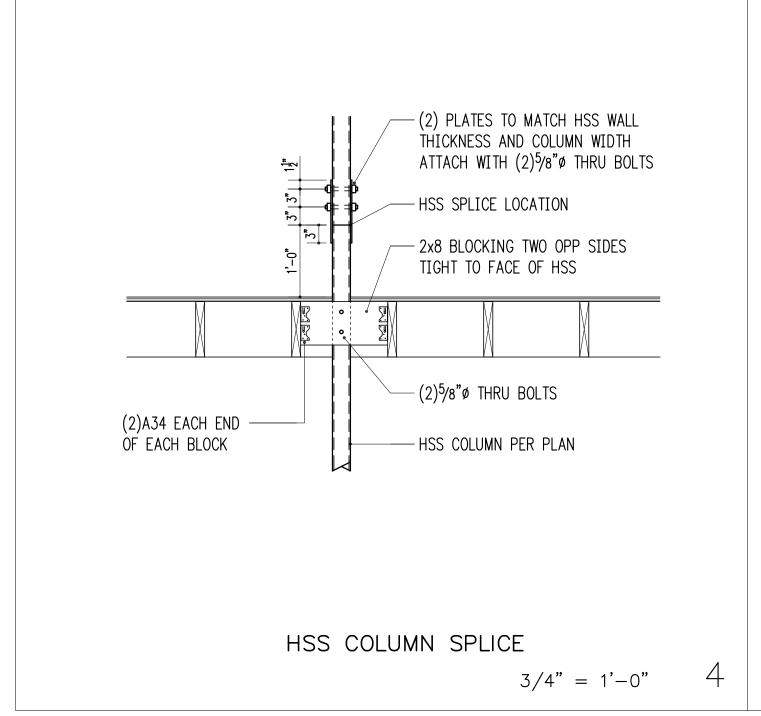
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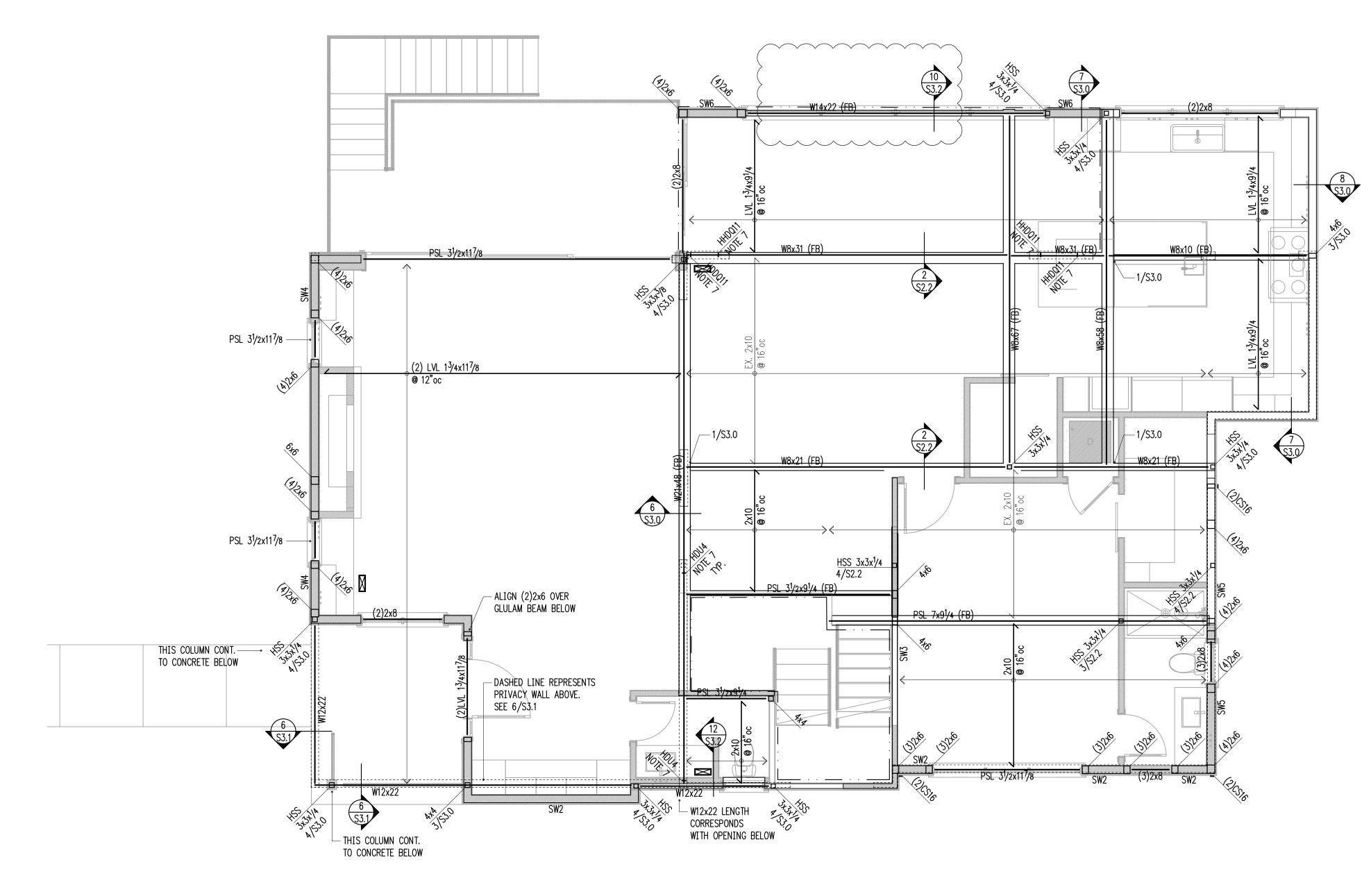
S2.1

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







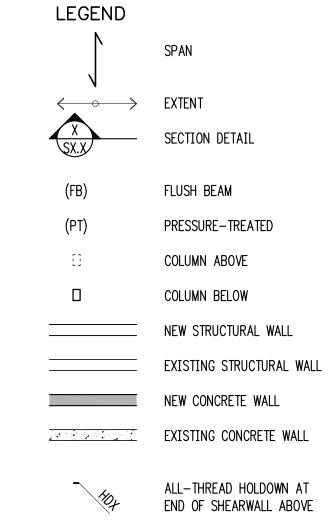


1 SECOND FLOOR FRAMING PLAN (MAIN FLOOR WALLS)
Scale: 1/4" = 1'-0"

HANGER SCHEDULE

MEMBER (FLAT ONLY)	HANGER	FACE NAILING	CAPACITY (Cd = 1.0)
2x10 or 2x12	LUS210	10d COMMON	1275 lb
(2)2x10	HUS210-2	0.162x3 ¹ /2	2110 lb
4x10	HUC410	0.162x3 ¹ /2	2680 lb
11 ⁷ /8" TJI 560	IUS3.56/11.88	10d COMMON	1405 lb
(2) 1 ³ /4x9 ¹ /4 LVL	HUC410	0.162x3 ¹ /2	2680 lb
			•

NOTE!! EXISTING FRAMING MEMBERS AS INDICATED ON THIS PLAN ARE ASSUMED FOR DESIGN PURPOSES ONLY. HARRIOTT VALENTINE ENGINEERS SHALL NOT BE HELD LIABLE FOR LOCATION/ SIZE OF EXISTING MEMBERS AS CALLED ON THIS PLAN. EXISTING MEMBERS SHALL BE VERIFIED AND REPORTED TO STRUCTURAL ENGINEER OF RECORD PRIOR TO CONSTRUCTION.



STRAP HOLDOWN AT END OF SHEARWALL ABOVE

FRAMING PLAN NOTES 1. SW__ INDICATES SHEARWALL TYPE PER

AND NAILING.

TYPICAL SHEARWALL CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALL INFORMATION.

2. REFER TO GENERAL STRUCTURAL NOTES FOR FLOOR OR ROOF SHEATHING TYPE, THICKNESS,

SCHEDULE 8/S4.0. REFER TO DETAILS FOR

3. COLUMNS SHALL BE DOUBLE STUD MINIMUM, UNLESS NOTED OTHERWISE. SEE 11/S4.0.

4. AT ALL SHEARWALLS PROVIDE DOUBLE TOP PLATES AND SPLICE PER 12/S4.0.

5. CS__ INDICATES COILED STRAP TYPE PER SCHEDULE 6/S4.0. REFER TO DETAILS FOR TYPICAL STRAP ASSEMBLY.

6. POSTS □, INCLUDING ENDS OF WALL OPENINGS, SHALL BE (2)2x6 UNLESS NOTED OTHERWISE.

7. WELD THREADED RODS FOR HOLD DOWNS AND BOTTOM PLATE ATTACHMENT TO STEEL BEAMS BELOW

Harriott Vale

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10/8/20	Framing Revisions
10/14/20	Pin Pile Revision
11/13/20	Revisions

Building Department Approval

Drawing Title
SECOND FLOOR
FRAMING PLAN

Drawing Number

S2.2

2

