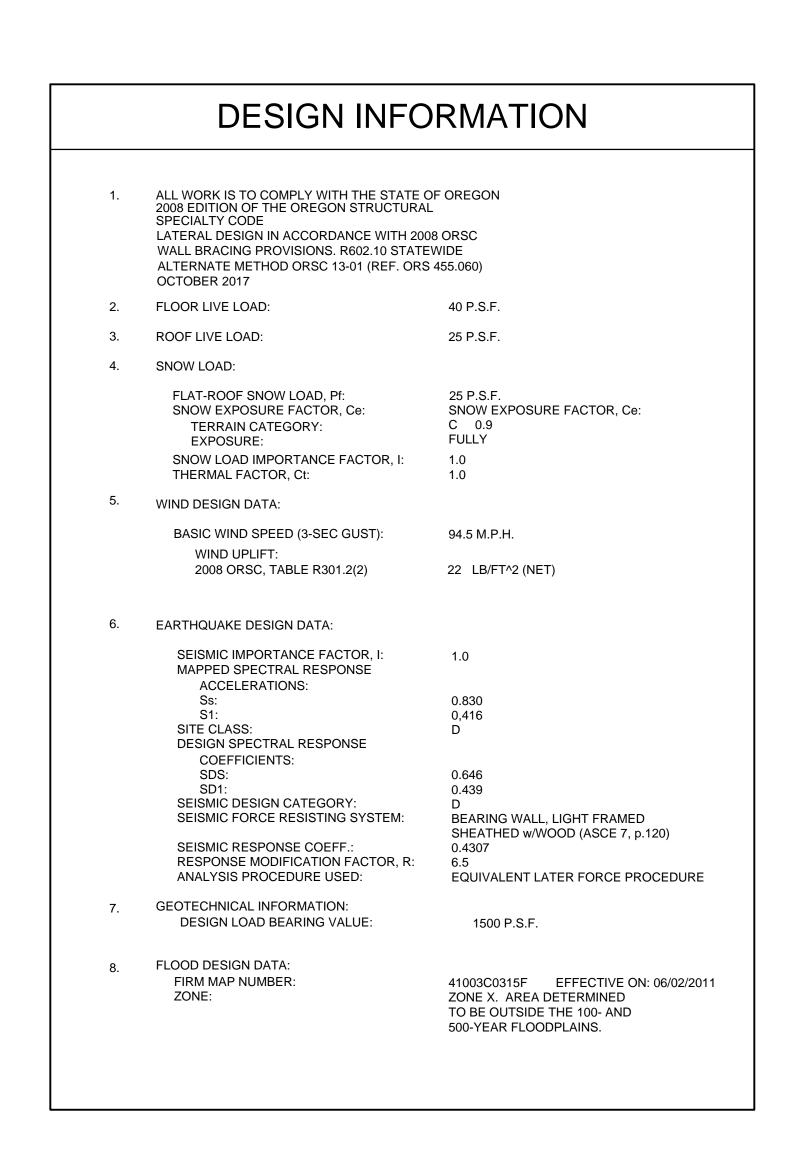
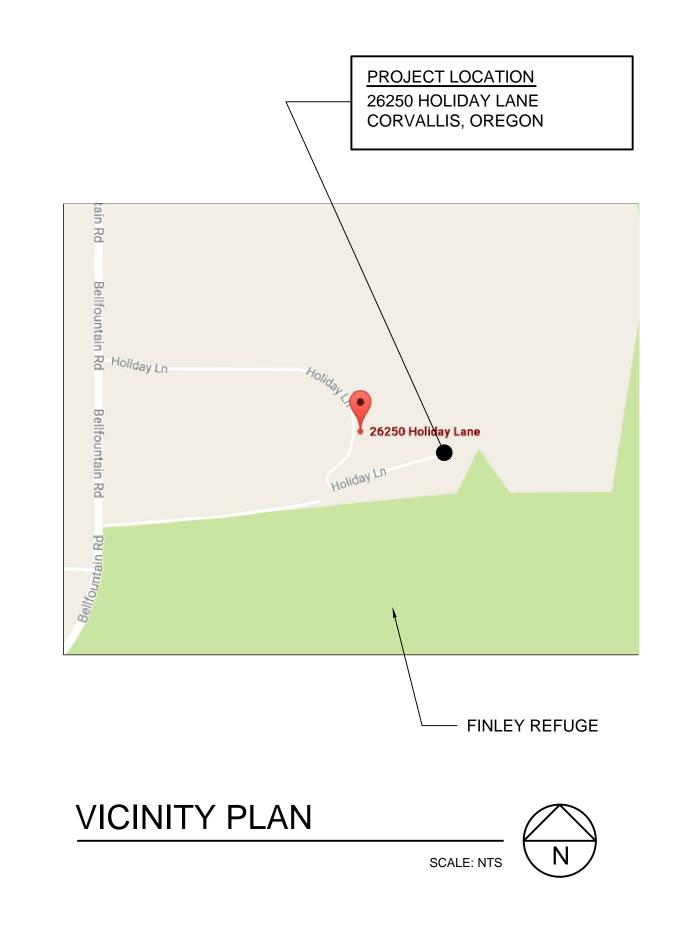
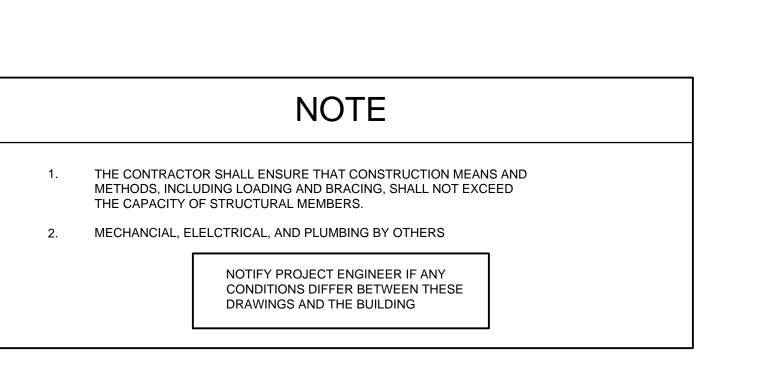
MIKE EVES RESIDENCE 26250 HOLIDAY LANE CORVALLIS, OR

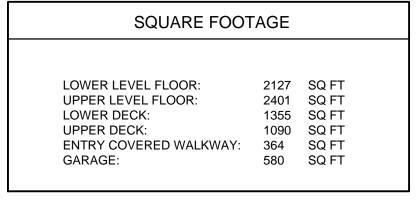












PRELIMINARY NOT FOR CONSTRUCTION

| INDEX TO DRAWINGS | | |
|-------------------|---|--|
| | T0.0 N1.0 C1.0 C1.1 | TITLE SHEET GENERAL NOTES SITE PLAN ENLARGED SITE PLAN |
| AS BUILT | AB1.0 AB2.0 AB3.0 AB4.0 AB5.0 AB6.0 AB7.0 AB8.0 AB9.0 | EXISTING FOUNDATION PLAN EXISTING UPPER LEVEL FLOOR FRAMING PLAN |
| STRUCTURAL | \$1.0 \$2.0 \$3.0 \$4.0 \$5.0 \$6.0 \$7.0 \$8.0 \$9.0 | FOUNDATION PLAN LOWER LEVEL BRACED WALL PLAN UPPER LEVEL BRACED WALL PLAN KNEE BRACES ROOF FRAMING ELEVATIONS ELEVATIONS SECTION DETAILS |

REVISIONS

EVES RESIDENCE 26250 HOLIDAY LANE CORVALLIS, OR

OREGON

WILL 20, 1993

EXPIRES: 12/31/19

OREGON HOME DESIGN
Design for the Human Environment
WILLIAM E. BARLOW, P.E.
P.O. BOX 2023
CORVALLIS, OR 97339
541-607-8777

DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

SHEET

T0.0

GENERAL NOTES

PROJECT ENGINEER

 OREGON HOME DESIGN WILLIAM E. BARLOW, P.E P.O. BOX 2023 CORVALLIS, OR 97339 541-609-8777

GENERAL

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
- 2. DO NOT SCALE DRAWINGS. COORDINATE DIMENSIONS WITH "A" DESIGN DRAWINGS. COORDINATE CONSTRUCTION WITH ALL TRADES.
- 3. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF 2005 OREGON RESIDENTIAL SPECIALTY CODE ADOPTED BY THE STATE OF OREGON.
- 4. METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF
- 5. THE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCITON. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKERS, AND VISITORS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO BRACING, SHORING FOR CONSTRUCTION LOADS, ETC. VISITS TO THE SITE BY THE PROJECT ENGINEER OR HIS AGENT OR REPRESENTATIVE, SHALL NOT INCLUDE REVIEW OF THE ABOVE ITEMS.
- 6. OPENINGS, POCKETS, ETC. SHALL NOT BE PLACED IN STRUCTURAL ELEMENTS UNLESS SPECIFICALLY DETAILED OR APPROVED BY THE PROJECT ENGINEER WHOSE NAME AND SEAL (STAMP) APPEAR ON THESE STRUCTURAL DRAWINGS.
- 7. CONSTRUCTION LOAD (MATERIAL AND EQUIPMENT) SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE THE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.
- 8. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR SHALL APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS MADE IN EVERY INSTANCE.

STRUCTURAL STEEL

- 1. STEEL SHAPES SHALL BE ASTM A992, Fy=50ksi. EXCEPT FOR HOLLOW STRUCTURAL SHAPES (HSS) SHALL BE ASTM A500, GRADE B, Fy=46ksi.
- 2. DO NOT PRIME SURFACES TO BE FIELD WELDED OR IN CONTACT WITH
- 3. ALL SHOP WELDED STEEL AND STEEL NOT IN DIRECT CONTACT WITH CONCRETE SHALL HAVE ONE COAT OF GRAY FORREST PAINT 16P900 PRIMER APPLIED. OR PROJECT ENGINEER APPROVED EQUAL. (FORREST PAINT, EUGENE, OR. SEE "16P PRIMERS, PRODUCT DATA SHEET")
- 4. ALL SHOP WELDS SHALL BE PERFORMED BY AN AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDER(S), COPIES OF AWS WELDER CERTIFICATION SHALL BE SUBMITTED TO THE PROJECT ENGINEER PRIOR TO WORK.
- 5. MACHINE BOLTS SHALL BE ASTM A325 WITH NO THREADS IN CONNECTED PARTS.

WELDING

- 1. WELDING MATERIALS: ANSI/AWS D1 STRUCTURAL WELDING CODE. USE LOW HYDROGEN E70XX ELECTRODES
- 2. DO NOT PRIME SURFACES IN DIRECT CONTACT WITH CONCRETE
- 3. ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFED WELDER.

GROUT

1. GROUT SHALL BE NON-SHRINK TYPE, PRE-MIXED COMPOUND CONSISTING OF NON-METALLIC AGGREGATE, CEMEMT, WATER REDUCING AND PLASTICIZING ADDITIVES, CAPABLE OF DEVELOPING A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS. (SEE THE SECTION ON CONCRETE AND REINFORCEMENT, NO. 10)

MECHANICAL

1. FOR MECHANICAL HVAC DESIGN AND MATERIAL SEE OWNER.

ELECTRICAL

FOR ELECTRICAL DESIGN AND MATERIAL SEE OWNER.

FASTENERS IN PRESSURE TREATED WOOD

FASTENERSFOR PRESERVATIVE-TREATED WOOD SHALL BE OF HOT DIPPED INC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. COATING TYPES AND WEIGHTS FOR CONNECTORS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE IN ACCORDANCE WITH THE CONNECTOR MANUFACTURER 'S RECOMMENDATIONS. IN THE ABSENCE OF MANUFACTURER RECOMMENDATIONS, A MINIMUM OF ASTM A 653 TYPE G185 ZINC-COATED GALVANIZED STEEL, OR EQUIVALENT, SHALL BE USED.

1. ONE-HALF-INCH DIAMETER OR GREATER STEEL BOLTS.

2. FASTENERS OTHER THAN NAILS AND TIMBER RIVETS SHALL BE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC COATED STEEL WITH COATING WEIGHTS IN ACCORDANCE WITH ASTM B 695, CLASS 55 MINIMUM.

FOUNDATION

- 1. FOUNDATION SOIL BEARING PRESSURE ASSUMED TO BE 1500 PSI.
- 2. THE CONTRACTOR SHALL PROVIDE FOR DE-WATERING OF EXCAVATIONS FOR EITHER SURFACE, GROUND, OR SEEPAGE WATER.
- 3. ANY ABANDONED MATERIALS, FOOTINGS, UTILITIES, ETC., THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.
- 4. THE CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING, AND SHORING REQUIRED TO SAFELY RETAIN THE EARTH BANKS.

FLOOR JOISTS

- 1. FLOOR JOISTS SHALL BE MANUFACTURED BY TJI, LPI, BCI OR PROJECT ENGINEER APPROVED EQUAL.
- 2. FLOOR JOIST LATERAL BRIDGING/BLOCKING SHALL BE DESIGNED AND PROVIDED BY FLOOR JOIST MANUFACTURER.
- 3. FLOOR JOISTS DRAWINGS SHALL BE SEALED AND SIGNED BY A STATE OF OREGON REGISTERED PROFESSIONAL ENGINEER.

MACHINE BOLTS, ANCHOR BOLTS, AND HEADED ANCHORS

1. HEX HEAD MACHINE BOLTS AND ANCHOR BOLTS SHALL BE ASTM A307, 1.1 NUTS SHALL CONFORM TO ASTM DESIGNATION: A 563M, GRADE A. 1.2 WASHERS FOR BOLTS SHALL BE COMMERCIAL QUALITY, UNHARDENED,

GLUE LAMINATED (GLU-LAM) BEAMS

- 1. GLUE LAMINATED (GLU-LAM) MEMBERS SHALL BE A COMBINATION GRADE OF 24F-V4 (DOUGLAS FIR - LARCH, DF-L) WITH EXTERIOR GLUE.
- 2. GLUE LAMINATED MEMBERS SHALL BE MANUFACTURED AND INDENTIFIED AS REQUIRED IN AITC A190.1 AND ASTM D3737.
- 3. KNEE BRACES COMBINATION 3, DOUGLAS FIR, GRADE LD2 PARR LUMBER 415 SE 1st AVE. ALBANY, OR 97321

541-926-1526

DIMENSIONAL LUMBER

- 1. DIMENSIONAL LUMBER FOR FRAMING SHALL BE DOUGLAS FIR LARCH (DF-L) No. 2 OR BETTER.
- 2. NAIL-LAM (2) 2x W/(2) ROWS 16d NAILS AT 16" OC STAGGERED 1 1/2" FROM EDGES.

SMOKE ALARMS/DETECTORS (S)

1. SMOKE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. THE ALARM SHALL BE CLEARLY AUDIBLE IN ALL BEDROOMS OVER BACKGROUND NOISE LEVELS WITH ALL INTERVENING DOORS CLOSED. ALL SMOKE ALARMS SHALL BE LISTED AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND THE CURRENT OREGON RESIDENTAIL SPECIALTY CODE. 1.1 THE REQUIRED SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND WHEN PRIMARY POWER IS INTERRUPTED, THE

CARBON MONOXIDE ALARMS (c)

1. A HOUSEHOLD CARBON MONOXIDE DETECTION SYSTEM SHALL BE INSTALLED. CARBON MONOXIDE ALARMS SHALL BE LOCATED IN EACH BEDROOM OR WITHIN 15-FEET OUTSIDE OF EACH BEDROOM DOOR. HARD WIRED AND PLUG IN CARBON MONOXIDE ALARMS SHALL BE EQUIPPED WITH BATTER BACK UP.

ALARMS SHALL RECEIVE POWER FROM A BATTERY.

SIMPSON STRONG-TIE

1. INSTALL SIMPSON PRODUCTS PER MANUFACTURERS INSTRUCTIONS. (CATALOG C-C-2017)

FASTENING OF STRUCTURAL MEMBERS

1. MEMBERS SHALL BE FASTENED IN ACCORDANCE WITH 2008 OREGON RESIDENTIAL STRUCTURAL SPECIALTY CODE TABLE R603.3(1), "FASTENER SCHEDULE FOR STRUCTURAL MEMBERS".

CONCRETE AND REINFORCEMENT

- 1. MAX. AGGREGATE SIZE IS 3/4 INCH. MIX DESIGNS SHALL BE SIGNED BY AN ENGINEER LICENSED IN THE STATE OF THE OREGON.
- 2. AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C33. PORTLAND CEMENT SHALL BE TYPE I OR TYPE II AND SHALL CONFORM TO
- 3. ADMIXTURES MAY BE USED WITH PRIOR APPROVAL OF THE PROJECT ENGINEER. ADMIXTURES USED TO INCREASE THE WORKABILITY OF THE CONCRETE SHALL NOT BE CONSIDERED TO REDUCE THE SPECIFIED MINIMUM CEMENT CONTENT. CALCIUM CHLORIDE SHALL NOT BE USED.
- 4. COMPRESSIVE STRENGTHS OF CONCRETE AT 28 DAYS SHALL BE AS FOLLOWS:
- 5. MIXING, TRANSPORTING, AND PLACING OF CONCRETE SHALL CONFORM TO ACI 304R. ALL CONCRETE SURFACES AGAINST WHICH CONCRETE IS TO BE PLACED SHALL BE THOROUGHLY CLEANED. LAITANCE AND STANDING WATER SHALL BE
- 6. ALL REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE CONNCECTORS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. PROVIDE CONCRETE PROTECTION AS REQUIRED AND NECESSARY.
- 7. CONCRETE COVER PROTECTION FOR REINFORCEMENT BAR SHALL BE AS FOLLOWS: (SEE ACI 318-02 FOR CONDITIONS NOT NOTED.) 8.1 CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 8.2 CONCRETE EXPOSED TO EARTH OR WEATHER 1 1/2"
- 8. REINFORCING STEEL (REBAR) FOR CONCRETE SHALL BE DEFORMED, GRADE 60 (Fy=60000 PSI YEILD STRENGTH)
- 9. DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES SHALL CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI) DETAILING MANUAL, ACI COMMITTEE 315.
- 10. GROUT SHALL BE NON-SHINKABLE GROUT CONFORMING TO ASTM C827 AND SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH AT 28 DAYS OF 5000 psi. PREGROUTING OF BASE PLATES WILL NO BE PERMITTED.
- 11. STEEL WELDED WIRE REINFORCEMENT (WWR) 11.1 ASTM A185, PLAIN TYPE IN ROLLS, PLAN FINISH. PROVIDE 6"x6"-W10xW10 WWF,
- GRADE 65 MIN. (65000 PSI YIELD)
- 12. BAR AND WELDED WIRE REINFORCEMENT SUPPORTS 12.1 PROVIDE ALL SPACERS, CHAIRS (HCM), TIES AND OTHER DEVICES NECESSARY TO PLACE, SPACE, SUPPORT AND MAINTAIN REBAR AND/OR WWR IN LOCATIONS IN
- ACCORDANCE WITH ACI 315. 12.2 CONFORM TO "BAR SUPPORT SPECIFICATION," CRSI MANUAL OF STANDARD PRACTICE, CHAPTER 3, LATEST EDITION, AND BE OF THE FOLLOWING TYPES: 12.2.1 SUPPORT REINFORCING IN FOOTINGS WITH PRECAST CONCRETE BLOCKS.
- 12.2.2 SUPPORT FOR WWR IN SLABS WITH PRECAST CONCRETE BLOCKS OR METAL CHAIRS OF ACI TYPE HCM, CLASS 3.

MUD SILL. PLATES. & SLEEPERS

ABBREVIATIONS

NO PREFIX = EXISTING

(E) = EXISTING

(N) = NEW

R403.1.8 FOUNDATION ANCHORAGE. SILL PLATES AND WALLS SUPPORTED DIRECTLY ON CONTINUOUS FOUNDATIONS SHALL BE ANCHORED TO THE FOUNDATION IN ACCORDANCE WITH THIS SECTION. WOOD SOLE PLATES AT ALL EXTERIOR WALLS ON MONOLITHIC SLABS, WOOD SOLE PLATES OF BRACED WALL PANELS AT BUILDING INTERIORS ON MONOLITHIC SLABS AND ALL WOOD SILL PLATES SHALL BE ANCHORED TO THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAXIMUM OF 6 FEET (1829 MM) ON CENTER. BOLTS SHALL BE AT LEAST 1/2 INCH IN DIAMETER AND SHALL EXTEND A MINIMUM OF 7 INCHES (178 MM) INTO CONCRETE OR GROUTED CELLS OF CONCRETE MASONRY UNITS. A NUT AND WASHER SHALL BE TIGHTENED ON EACH ANCHOR BOLT. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PLATE SECTION WITH ONE BOLT LOCATED NOT MORE THAN 12 INCHES OR LESS THAN SEVEN BOLT DIAMETERS FROM EACH END OF THE PLATE SECTION. INTERIOR BEARING WALL SOLE PLATES ON MONOLITHIC SLAB FOUNDATION THAT ARE NOT PART OF A BRACED WALL PANEL SHALL BE POSITIVELY ANCHORED WITH APPROVED FASTENERS. SILL PLATES AND SOLE PLATES SHALL BE PROTECTED AGAINST DECAY AND

WHERE REQUIRED BY SECTIONS R317 AND R318. COLD-FORMED STEEL FRAMING SYSTEMS SHALL BE FASTENED TO WOOD SILL PLATES OR ANCHORED DIRECTLY TO THE FOUNDATION AS REQUIRED IN SECTION R505.3.1 OR R603.3.1

1. FOUNDATION ANCHORAGE, SPACED AS REQUIRED TO PROVIDE EQUIVALENT ANCHORAGE TO /2-INCH-DIAMETER ANCHOR BOLTS.

2. WALLS 24 INCHES TOTAL LENGTH OR SHORTER CONNECTING OFFSET BRACED WALL PANELS SHALL BE ANCHORED TO THE FOUNDATION WITH A MINIMUM OF ONE ANCHOR BOLT LOCATED IN THE CENTER THIRD OF THE PLATE SECTION AND SHALL BE ATTACHED TO ADJACENT BRACED WALL PANELS AT CORNERS AS SHOWN IN FIGURE R602.10.4.4(1).

3. CONNECTION OF WALLS 12 INCHES (305 MM) TOTAL LENGTH OR SHORTER CONNECTING OFFSET BRACED WALL PANELS TO THE FOUNDATION WITHOUT ANCHOR BOLTS SHALL BE PERMITTED. THE WALL SHALL BE ATTACHED TO ADJACENT BRACED WALL PANELS AT CORNERS AS SHOWN IN FIGURE R602.10.4.4(1).

FABRICATED WOOD TRUSSES

RELCO TRUSS 30153 SUBSTATION ROAD HARRISBURG, OR 97446 TOM NOUSEN, DESIGNER PHONE:(541) 995-6311

1.01 WORK INCLUDED

1. FABRICATE, SUPPLY AND ERECT WOOD TRUSSES AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. WORK TO INCLUDE ANCHORAGE, BLOCKING, CURBING, MISCELLANEOUS FRAMING

1.02 DEFINITIONS

TRUSS: THE TERMS "TRUSS" AND "WOOD TRUSS COMPONENT" REFER TO OPEN WEB LOAD CARRYING ASSEMBLIES SUITABLE FOR SUPPORT OF ROOF DECKS OR FLOORS IN BUILDINGS. MANUFACTURER: A MANUFACTURER WHO IS REGULARLY ENGAGED IN DESIGN AND FABRICATION OF WOOD TRUSS COMPONENTS.

TRUSS INSTALLER: BUILDER, CONTRACTOR OR SUB-CONTRACTOR WHO IS RESPONSIBLE FOR THE FIELD STORAGE, HANDLING AND INSTALLATION OF TRUSSES.

A. TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THESE SPECIFICATIONS AND WHERE ANY APPLICABLE DESIGN FEATURE IS NOT SPECIFIED HEREIN, DESIGN SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF LATEST EDITION OF NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS) OF THE AMERICAN FOREST AND PAPER ASSOCIATION (AF & PA), AND DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES (ANSI/TPI 1) OF THE TRUSS PLATE INSTITUTE (TPI), AND CODE OF

B. MANUFACTURER SHALL FURNISH DESIGN DRAWINGS BEARING SEAL AND REGISTRATION NUMBER OF A CIVIL OR STRUCTURAL ENGINEER LICENSED IN STATE WHERE TRUSSES ARE TO BE INSTALLED. DRAWINGS SHALL BE APPROVED BY ARCHITECT PRIOR TO FABRICATION.

- C. TRUSS DESIGN DRAWINGS SHALL INCLUDE AS MINIMUM INFORMATION: 1. SPAN, DEPTH OR SLOPE AND SPACING OF TRUSSES;
- 2. REQUIRED BEARING WIDTH;
- 3. DESIGN LOADS, AS APPLICABLE:
- A. TOP CHORD LIVE LOAD; B. TOP CHORD DEAD LOAD;
- C. BOTTOM CHORD LIVE LOAD;
- D. BOTTOM CHORD DEAD LOAD; E. CONCENTRATED LOADS AND THEIR POINTS OF APPLICATION; AND
- F. WIND AND SEISMIC CRITERIA;
- 4. ADJUSTMENT TO LUMBER AND PLATE DESIGN LOADS FOR CONDITION OF USE;
- 5. REACTIVE FORCES, THEIR POINTS OF OCCURRENCE AND DIRECTION: 6. ALPINE PLATE TYPE, GAUGE, SIZE AND LOCATION OF PLATE AT EACH JOINT
- 7. LUMBER SIZE, SPECIES AND GRADE FOR EACH MEMBER;
- 8. LOCATION OF ANY REQUIRED CONTINUOUS LATER BRACING
- 9. CALCULATED DEFLECTION RATIO AND/OR MAXIMUM DEFLECTION FOR LIVE AND TOTAL
- 10. MAXIMUM AXIAL COMPRESSIVE FORCES IN TRUSS MEMBERS;
- 11. LOCATION OF JOINTS;
- 12. CONNECTION REQUIREMENTS FOR: A. TRUSS TO TRUSS GIRDERS;
- B. TRUSS PLY TO PLY; AND

C. FIELD SPLICES. 2.01 MATERIALS

A. LUMBER: 1. LUMBER USED FOR TRUSS MEMBERS SHALL BE IN ACCORDANCE WITH PUBLISHED

- VALUES OF LUMBER RULES WRITING AGENCIES APPROVED BY THE BOARD OF REVIEW OF AMERICAN LUMBER STANDARDS COMMITTEE. LUMBER SHALL BE IDENTIFIED BY GRADE MARK OF A LUMBER INSPECTION BUREAU OR AGENCY APPROVED BY THAT BOARD, AND SHALL BE AS SHOWN ON DESIGN DRAWINGS.
- 2. MOISTURE CONTENT OF LUMBER SHALL BE NO GREATER THAN 19 PERCENT AT TIME OF FABRICATION.
- 3. ADJUSTMENT OF VALUES FOR DURATION OF LOAD OR CONDITIONS OF USE SHALL BE IN ACCORDANCE WITH NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION
- 4. FIRE RETARDANT TREATED (FRT) LUMBER, IF APPLICABLE, SHALL MEET SPECIFICATIONS OF TRUSS DESIGN, USE CATEGORY UCFA AS SPECIFIED BY THE AMERICAN WOOD PROTECTION ASSOCIATION, SECTION 2303.2 OF THE INTERNATIONAL BUILDING CODE FROM THE INTERNATIONAL CODE COUNCIL, AND ANSI/TPI 1, PAR 6.4.9 AND NDS PAR 2.3.4. LUMBER TREATER SHALL SUPPLY CERTIFICATE OF COMPLIANCE INCLUDING SPECIFIED DESIGN VALUES AND USE CONDITIONS, INCLUDING MINIMUM ACCEPTABLE GALVANIZING LEVEL FOR GALVANIZED STEEL FASTENERS USED

B. METAL CONNECTOR PLATES:

WITH THEIR FRT LUMBER.

MATERIALS COMPLY WITH STEEL SPECIFICATIONS.

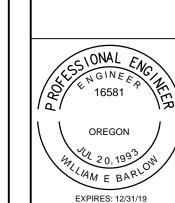
TO BE SUBJECTED TO EXCESSIVE BENDING.

- 1. METAL CONNECTOR PLATES SHALL BE MANUFACTURED BY ITW BUILDING COMPONENTS GROUP INC. (ITW BCG) AND SHALL BE NOT LESS THAN .0356 INCHES IN THICKNESS (20 GAGE) AND SHALL MEET OR EXCEED ASTM A653 GRADE 37, AND SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A653, COATING DESIGNATION G60. DESIGN VALUES SHALL BE DETERMINED IN ACCORDANCE WITH
- 2. IN HIGHLY CORROSIVE ENVIRONMENTS, SPECIAL APPLIED COATINGS OR STAINLESS STEEL MAY BE REQUIRED. 3. AT THE REQUEST OF ARCHITECT, ITW BCG SHALL FURNISH A CERTIFIED RECORD THAT
- 2.02 FABRICATION A. TRUSSES SHALL BE FABRICATED IN A PROPERLY EQUIPPED MANUFACTURING FACILITY OF A PERMANENT NATURE. TRUSSES SHALL BE MANUFACTURED BY EXPERIENCED WORKMEN, USING PRECISION CUTTING, JIGGING AND PRESSING EQUIPMENT MEETING REQUIREMENTS OF ANSI/TPI 1, SECTION 3. TRUSS MEMBERS SHALL BE ACCURATELY CUT TO LENGTH ANGLE AND TRUE TO LINE TO ASSURE PROPER FITTING JOINTS WITHIN TOLERANCES SET FORTH IN
- ANSI/TPI 1, CHAPTER 3, AND PROPER FIT WITH OTHER WORK. 3.01 HANDLING, INSTALLATION AND BRACING A. TRUSSES SHALL BE HANDLED DURING FABRICATION, DELIVERY AND AT JOBSITE SO AS NOT
- B. TRUSSES SHALL BE UNLOADED ON SMOOTH GROUND TO AVOID LATERAL STRAIN. TRUSSES SHALL BE PROTECTED FROM DAMAGE THAT MIGHT RESULT FROM ON-SITE ACTIVITIES AND ENVIRONMENTAL CONDITIONS. PREVENT TOPPLING WHEN BANDING IS REMOVED. C. HANDLE DURING INSTALLATION IN ACCORDANCE WITH LATEST VERSION OF BUILDING COMPONENT SAFETY INFORMATION (BCSI 1) FROM TPI, AND ANSI/TPI 1. INSTALLATION SHALL BE CONSISTENT WITH GOOD WORKMANSHIP AND GOOD BUILDING PRACTICES AND SHALL
- BE RESPONSIBILITY OF TRUSS INSTALLER. D. APPARENT DAMAGE TO TRUSSES, IF ANY, SHALL BE REPORTED TO MANUFACTURER PRIOR TO
- E. TRUSSES SHALL BE SET AND SECURED LEVEL AND PLUMB, AND IN CORRECT LOCATION. TRUSSES SHALL BE HELD IN CORRECT ALIGNMENT UNTIL SPECIFIED PERMANENT BRACING IS
- F. CUTTING AND ALTERING OF TRUSSES IS NOT PERMITTED.
- G. CONCENTRATED LOADS SHALL NOT BE PLACED ATOP TRUSSES UNTIL ALL SPECIFIED BRACING HAS BEEN INSTALLED AND DECKING IS PERMANENTLY NAILED IN PLACE. SPECIFICALLY AVOID STACKING FULL BUNDLES OF DECKING OR OTHER HEAVY MATERIALS ONTO UNSHEATHED
- H. ERECTION BRACING IS ALWAYS REQUIRED. PROFESSIONAL ADVICE SHOULD ALWAYS BE SOUGHT TO PREVENT TOPPLING OR DOMINOING OF TRUSSES DURING INSTALLATION. I. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND FURNISHING THE MATERIALS USED FOR INSTALLATION AND PERMANENT BRACING.

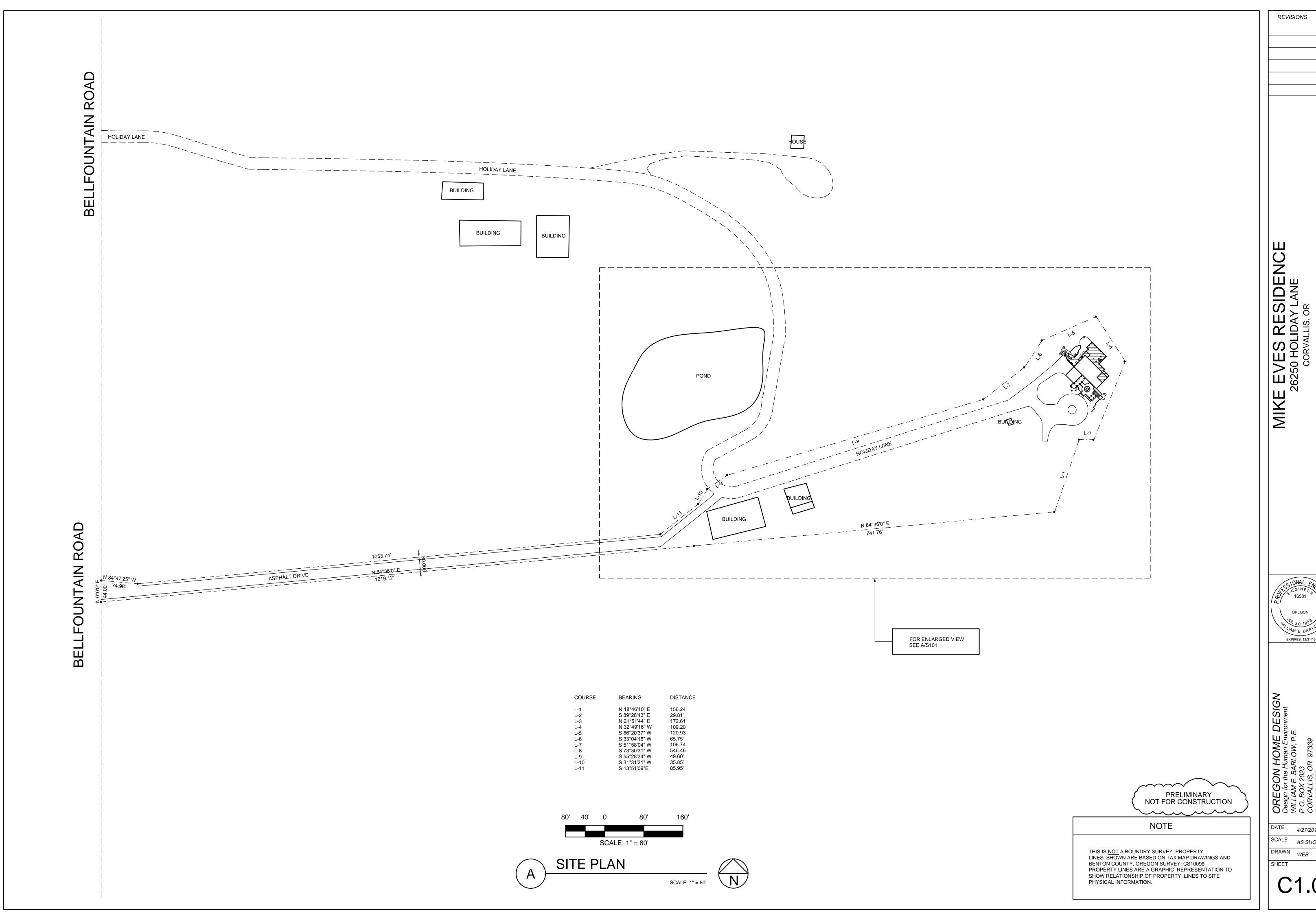
PRELIMINARY NOT FOR CONSTRUCTION

S

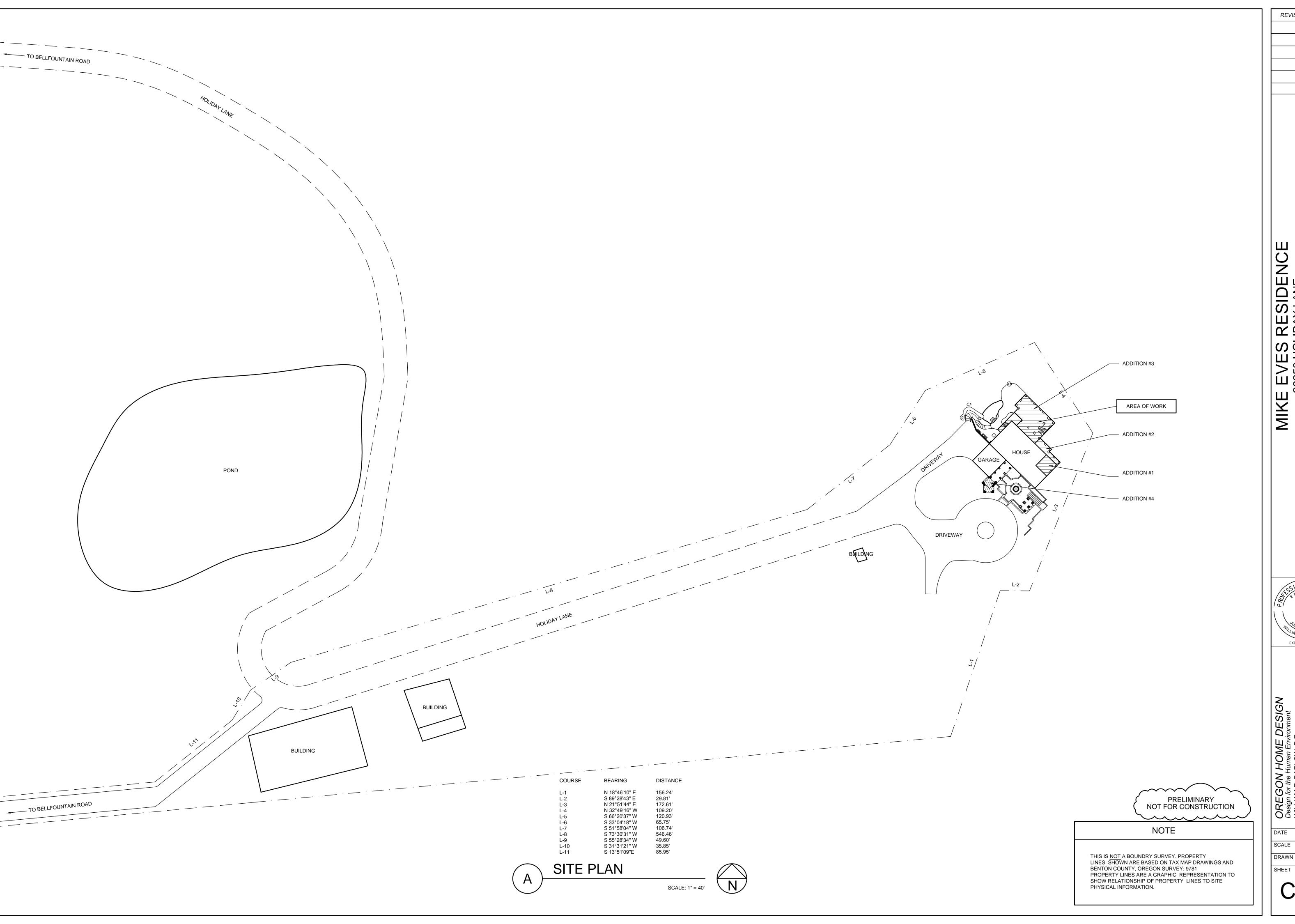
REVISIONS



4/27/2018 SCALE AS SHOWN DRAWN WEB



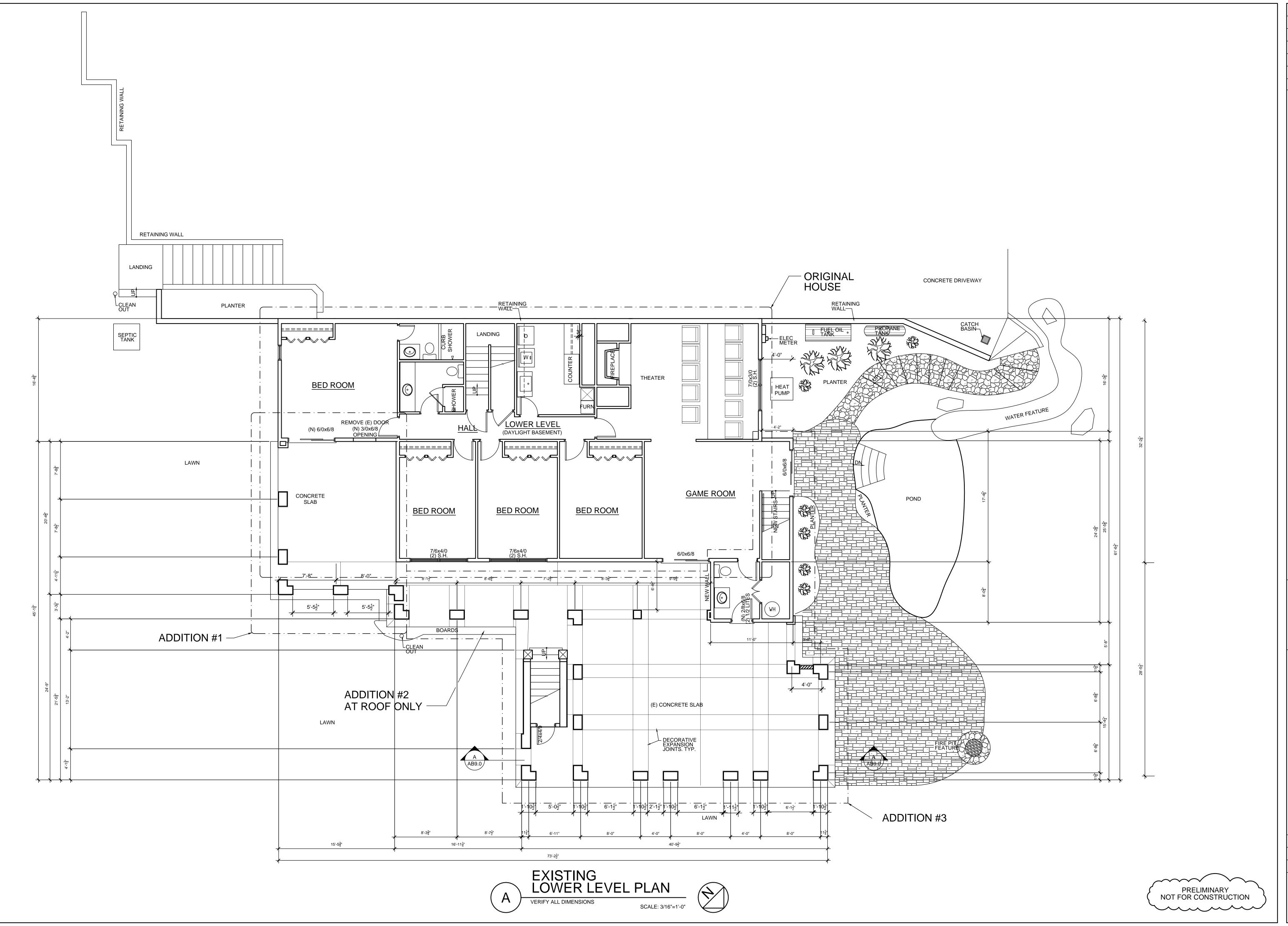
DATE 4/27/2018 SCALE AS SHOWN



MIKE EVES RESIDENC 26250 HOLIDAY LANE CORVALLIS, OR

DATE 4/27/2018 SCALE AS SHOWN DRAWN WEB

C1.1



MIKE EVES RESIDENCE
26250 HOLIDAY LANE
CORVALLIS, OR

REVISIONS

OREGON

OREGON

MILLAM E BAR

REGON HOME DESIGN ign for the Human Environment LIAM E. BARLOW, P.E. BOX 2023
RVALLIS, OR 97339

Design for the Hum
WILLIAM E. BARL(
P.O. BOX 2023
CORVALLIS, OR 9
541-607-8777

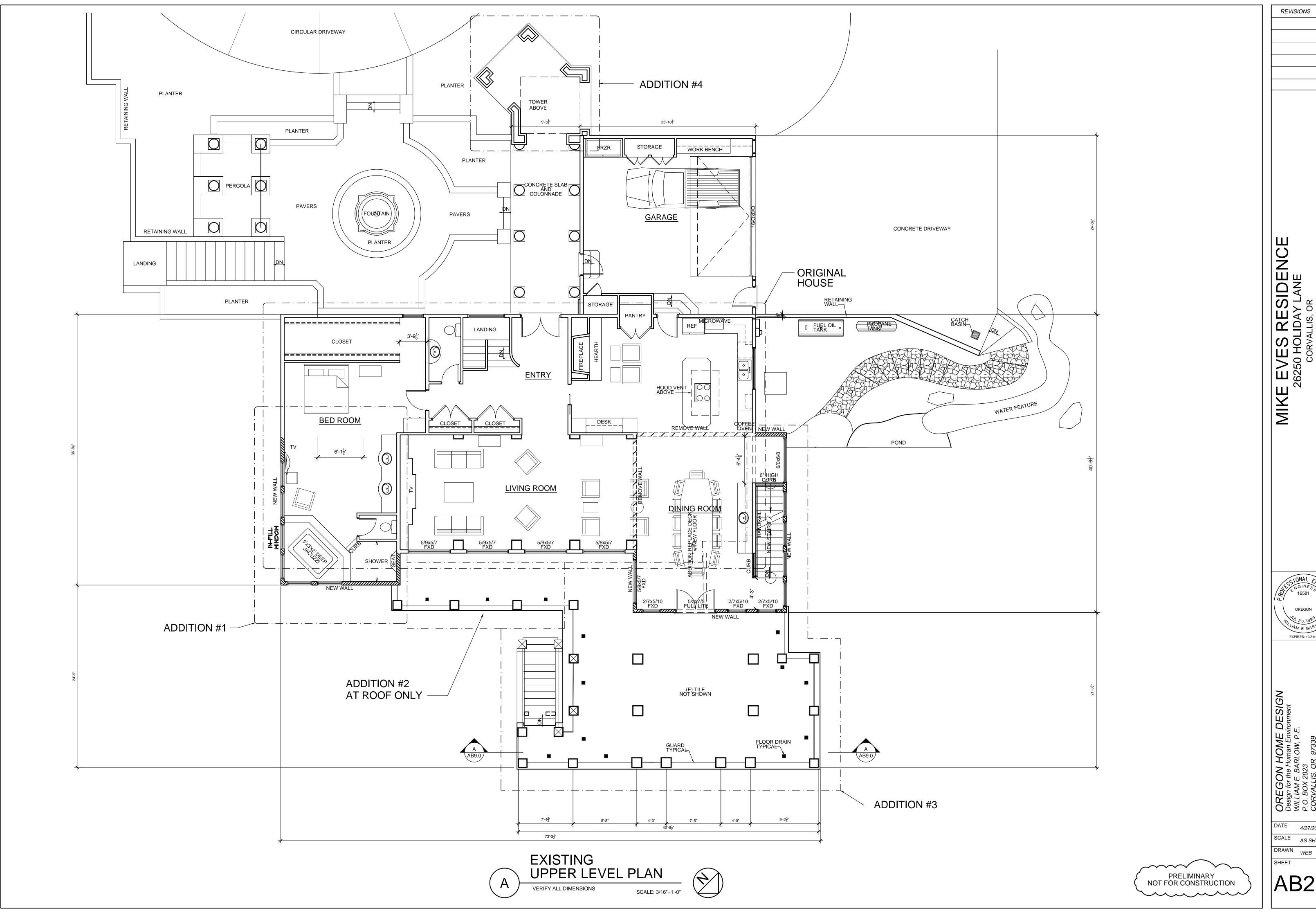
DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

SHEET

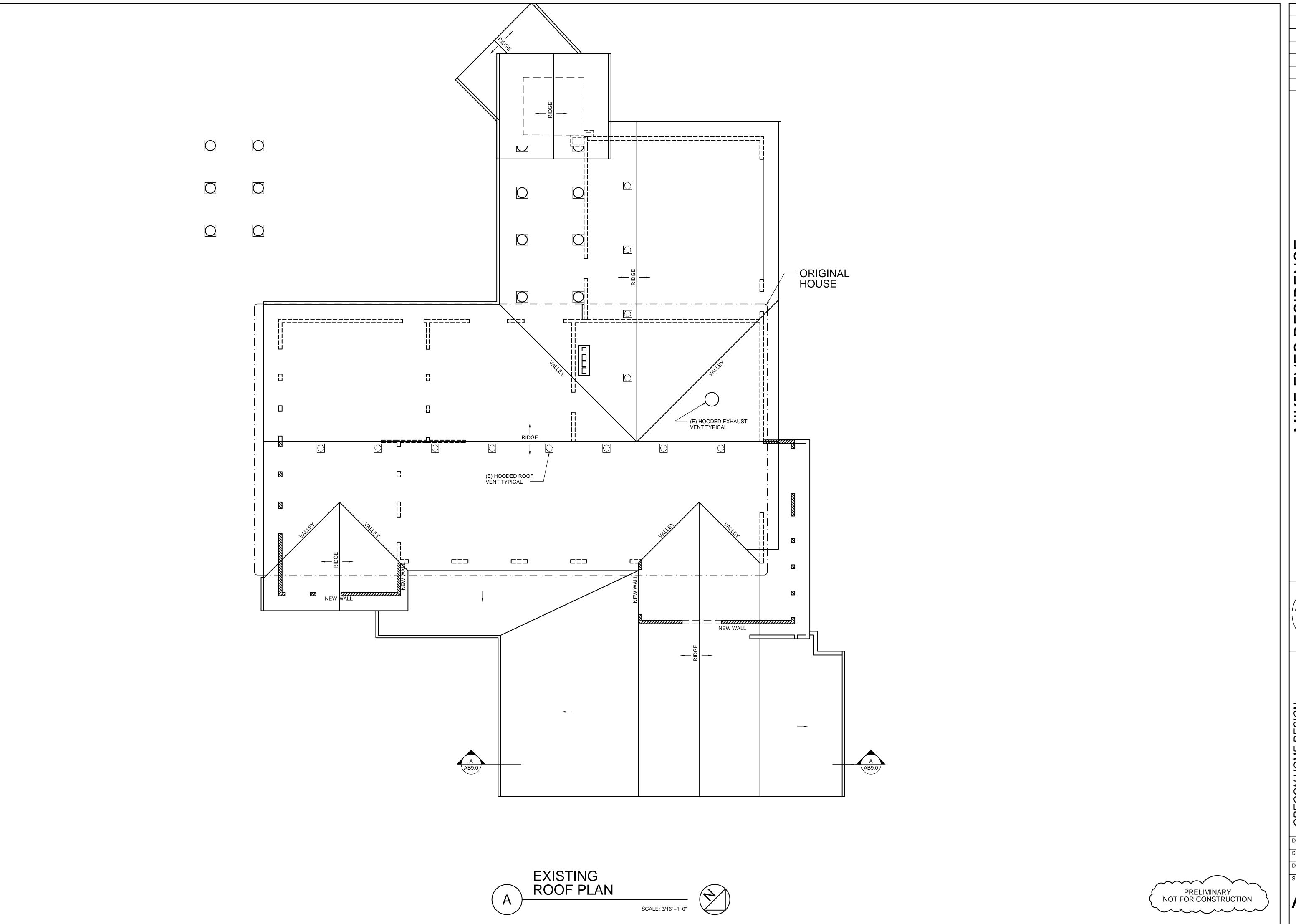
AB1.0



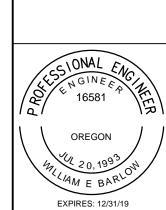
4/27/2018 SCALE AS SHOWN

DRAWN WEB

AB2.0



MIKE EVES RESIDENCE
26250 HOLIDAY LANE
CORVALLIS, OR
EXISTING ROOF PLAN



REGON HOME DESIGN sign for the Human Environment LLIAM E. BARLOW, P.E.
D. BOX 2023
DRVALLIS, OR 97339

DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

AB3.0



IKE EVES RESIDENCE
26250 HOLIDAY LANE
CORVALLIS, OR
EXISTING ELEVATIONS

OREGON

MILIAM E BARL

EXPIRES: 12/31/19

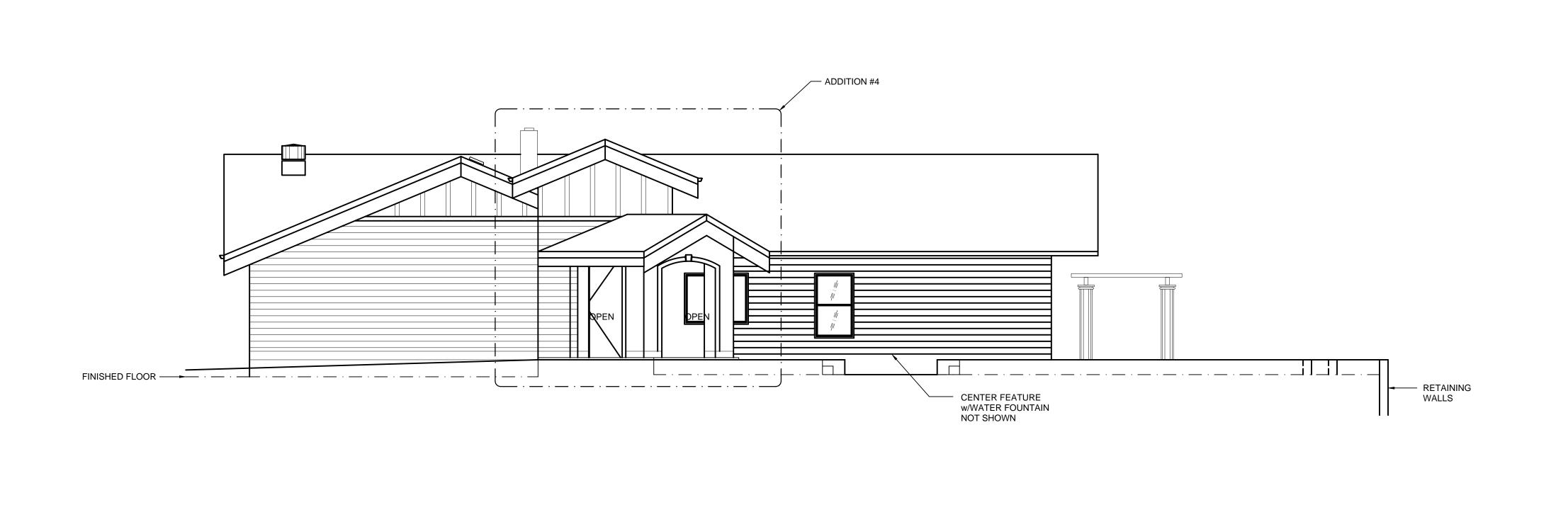
EGON HOME DESIGN
gn for the Human Environment
LIAM E. BARLOW, P.E.
BOX 2023
EVALLIS, OR 97339

DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

AB4.0



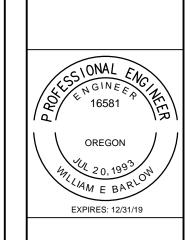




EXISTING
SOUTHWEST ELEVATION
SCALE: 3/16"=1'-0"



MIKE EVES RESIDENCE
26250 HOLIDAY LANE
CORVALLIS, OR
EXISTING ELEVATIONS



REGON HOME DESIGN sign for the Human Environment LIAM E. BARLOW, P.E.

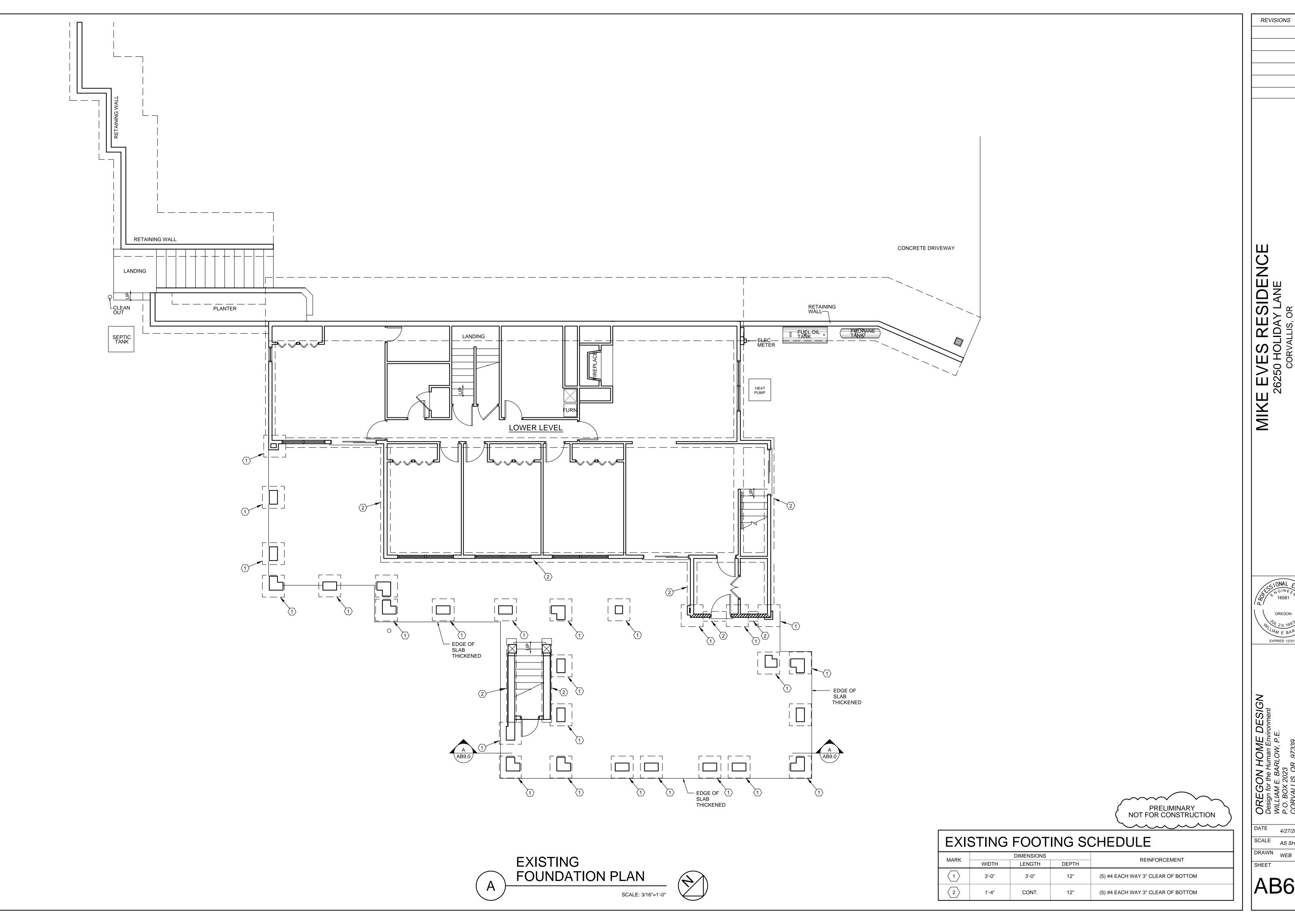
S. BOX 2023
REVALLIS, OR 97339

DATE 4/27/2018

SCALE AS SHOWN

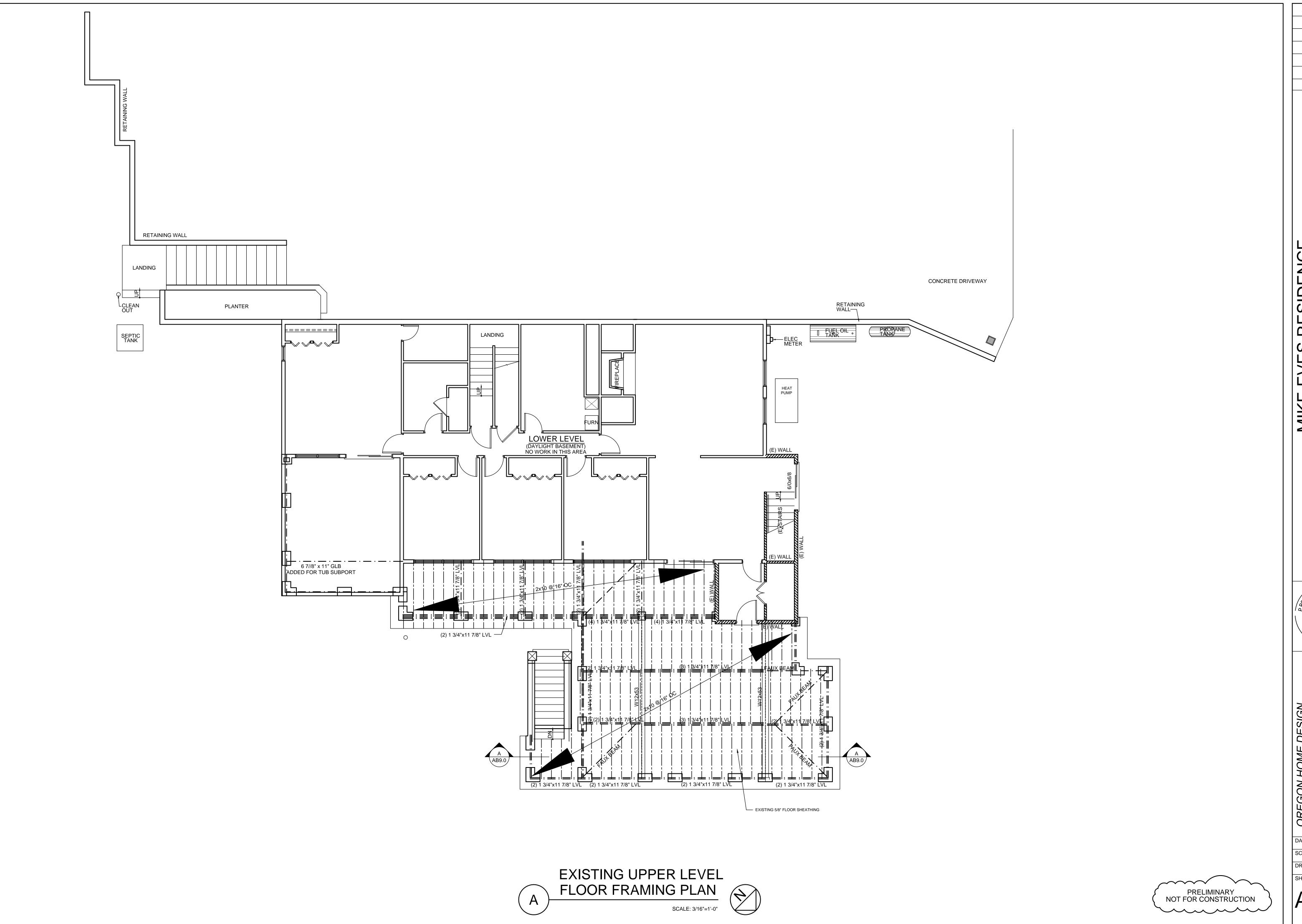
DRAWN WEB

AB5.0



4/27/2018 SCALE AS SHOWN DRAWN WEB

AB6.0



MIKE EVES RESIDENCE

26250 HOLIDAY LANE

CORVALIS, OR

CTINIC LIDDED LEVEL ELOOP EDAMING DIAN

OREGON

WALL 20, 1993

EXPIRES: 12/31/19

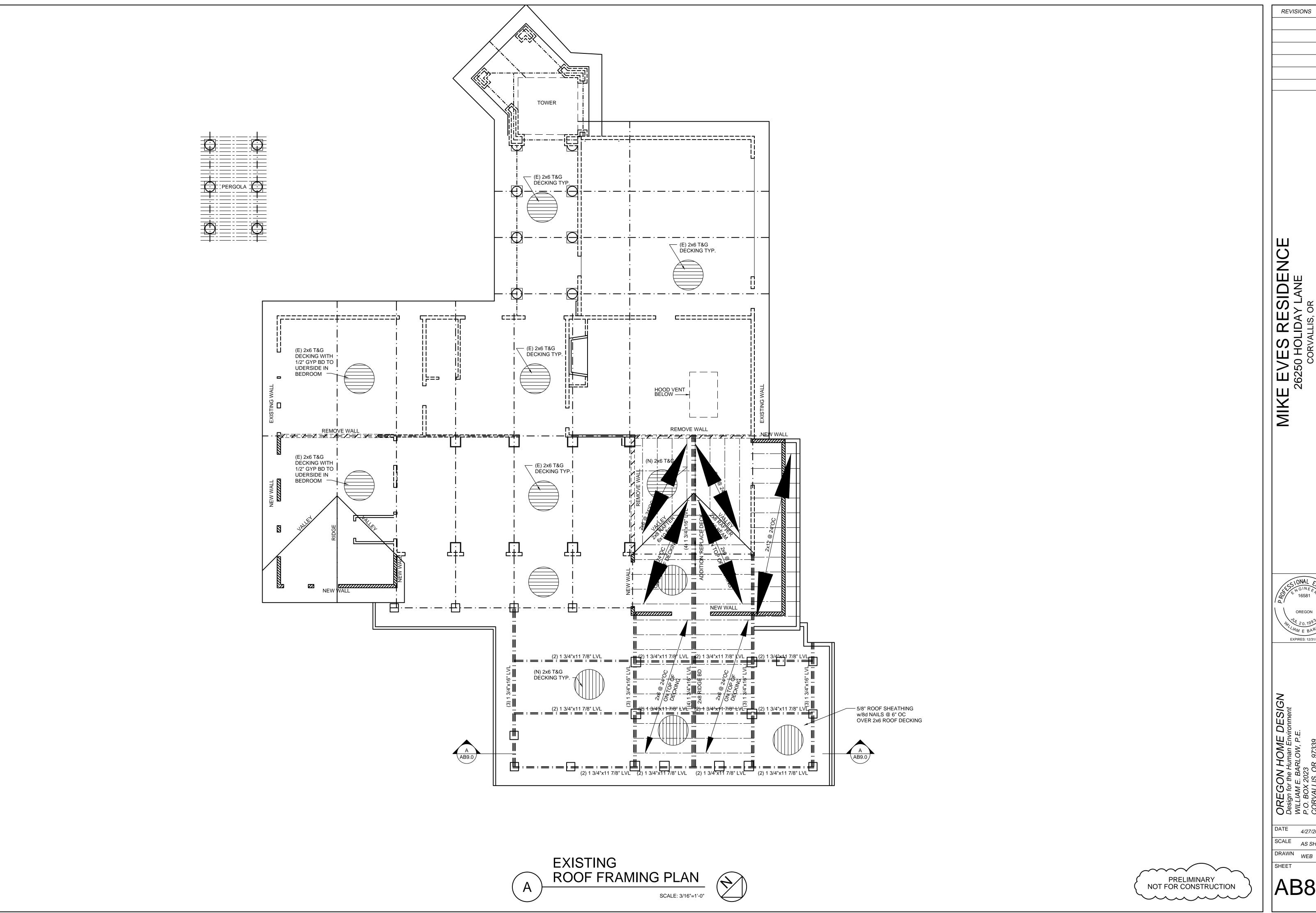
EGON HOME DESIGN
In for the Human Environment
IAM E. BARLOW, P.E.
BOX 2023
VALLIS. OR 97339

DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

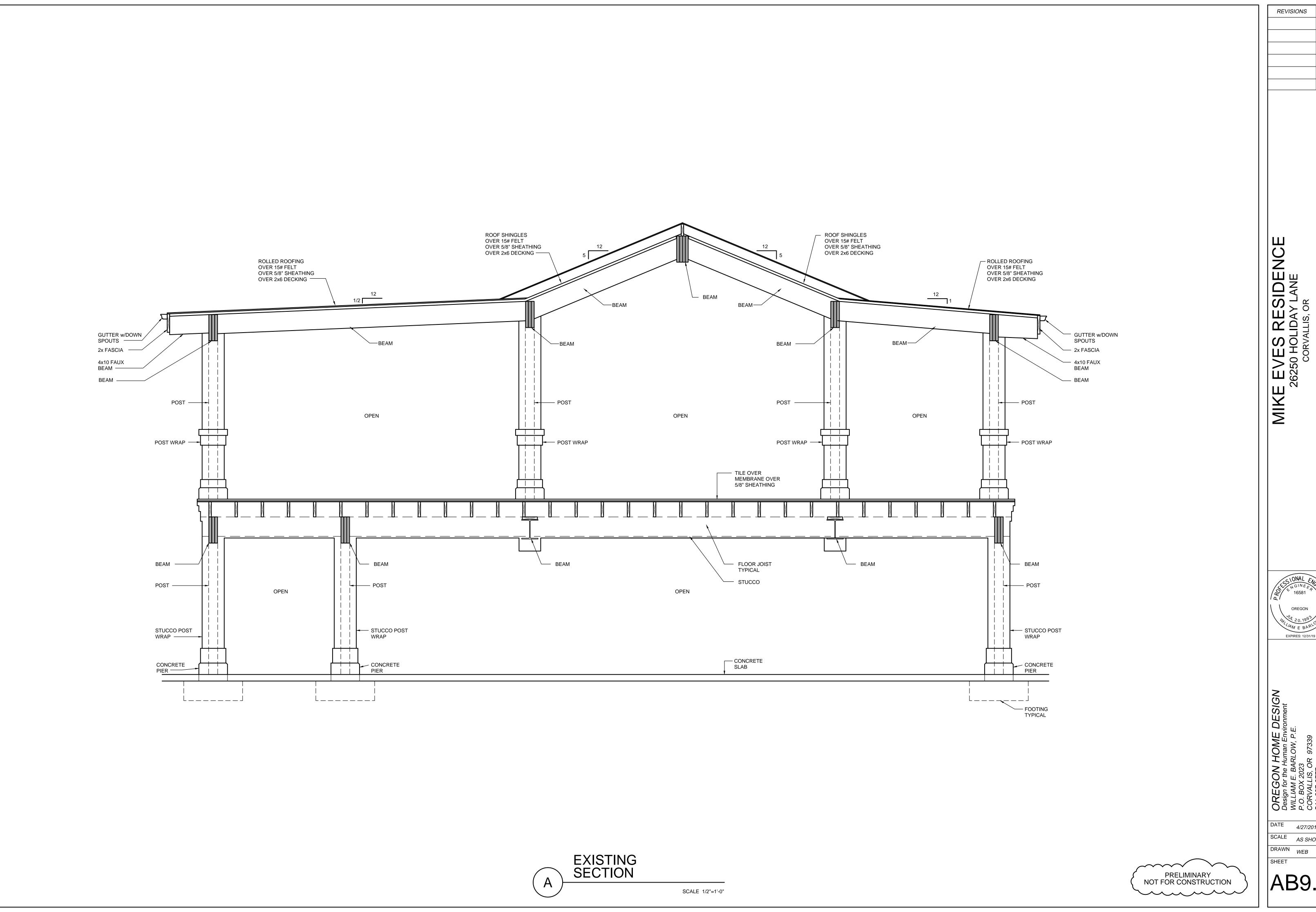
AB7.0



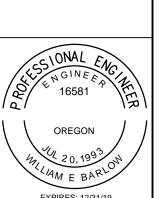
SCALE AS SHOWN

DRAWN WEB

AB8.0

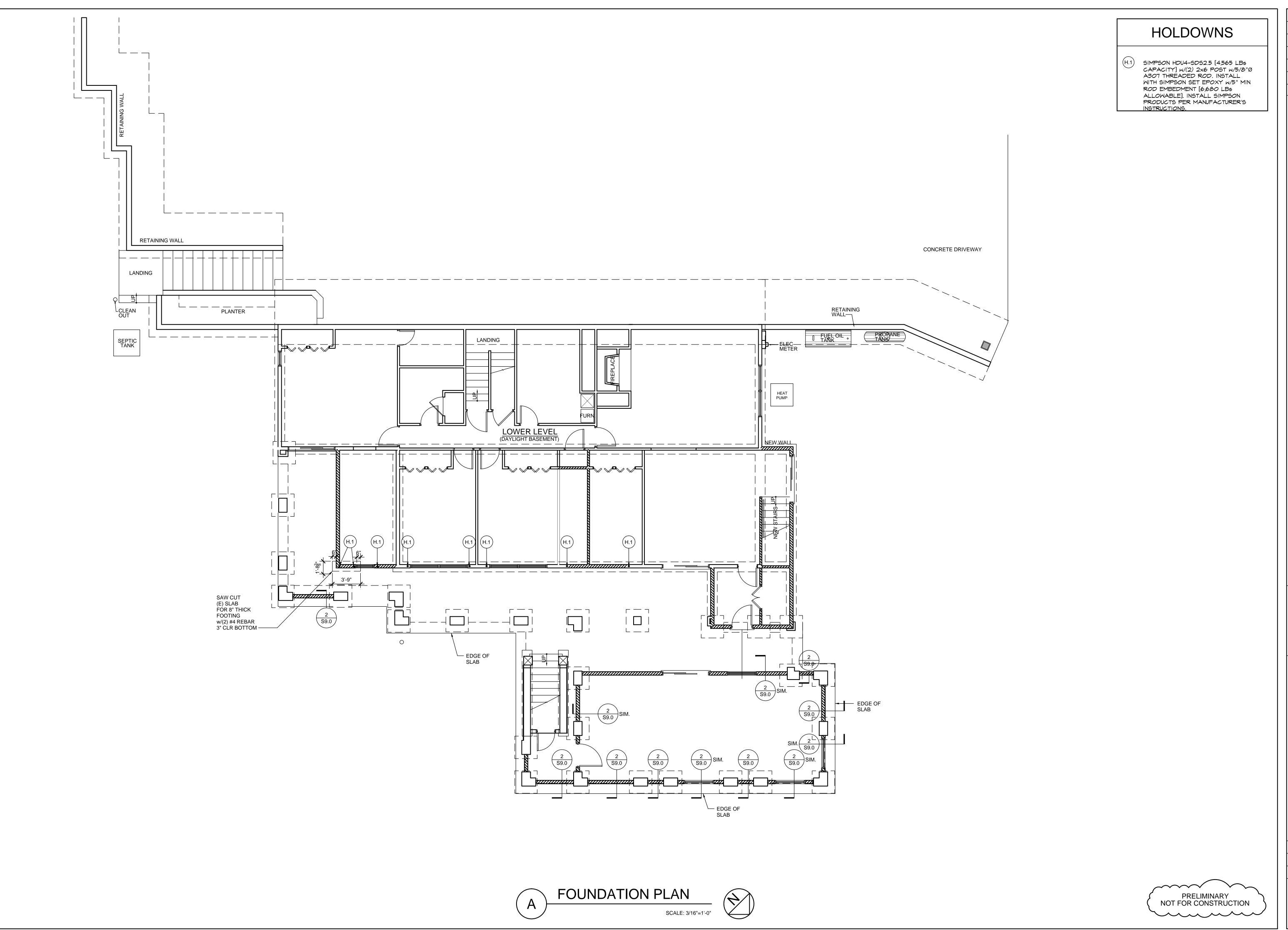


MIKE EVES RESIDENC 26250 HOLIDAY LANE CORVALLIS, OR



DATE 4/27/2018 SCALE AS SHOWN

AB9.0



REVISIONS

KE EVES RESIDENCE
26250 HOLIDAY LANE
CORVALLIS, OR
FOUNDATION PLAN

OREGON

WALLAM E BARLO

EGON HOME DESIGN

gn for the Human Environment

IAM E. BARLOW, P.E.

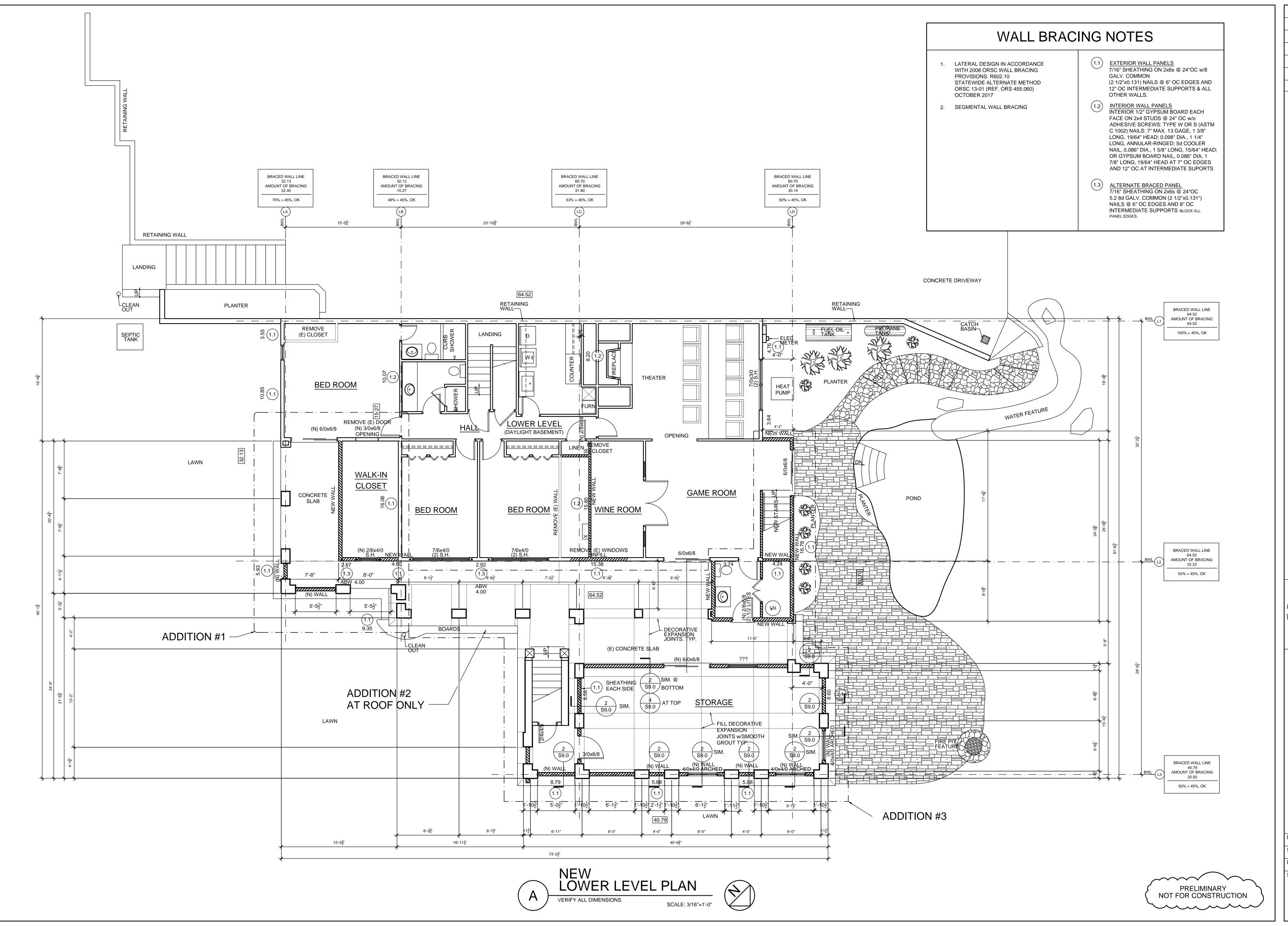
BOX 2023

DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

S1.0

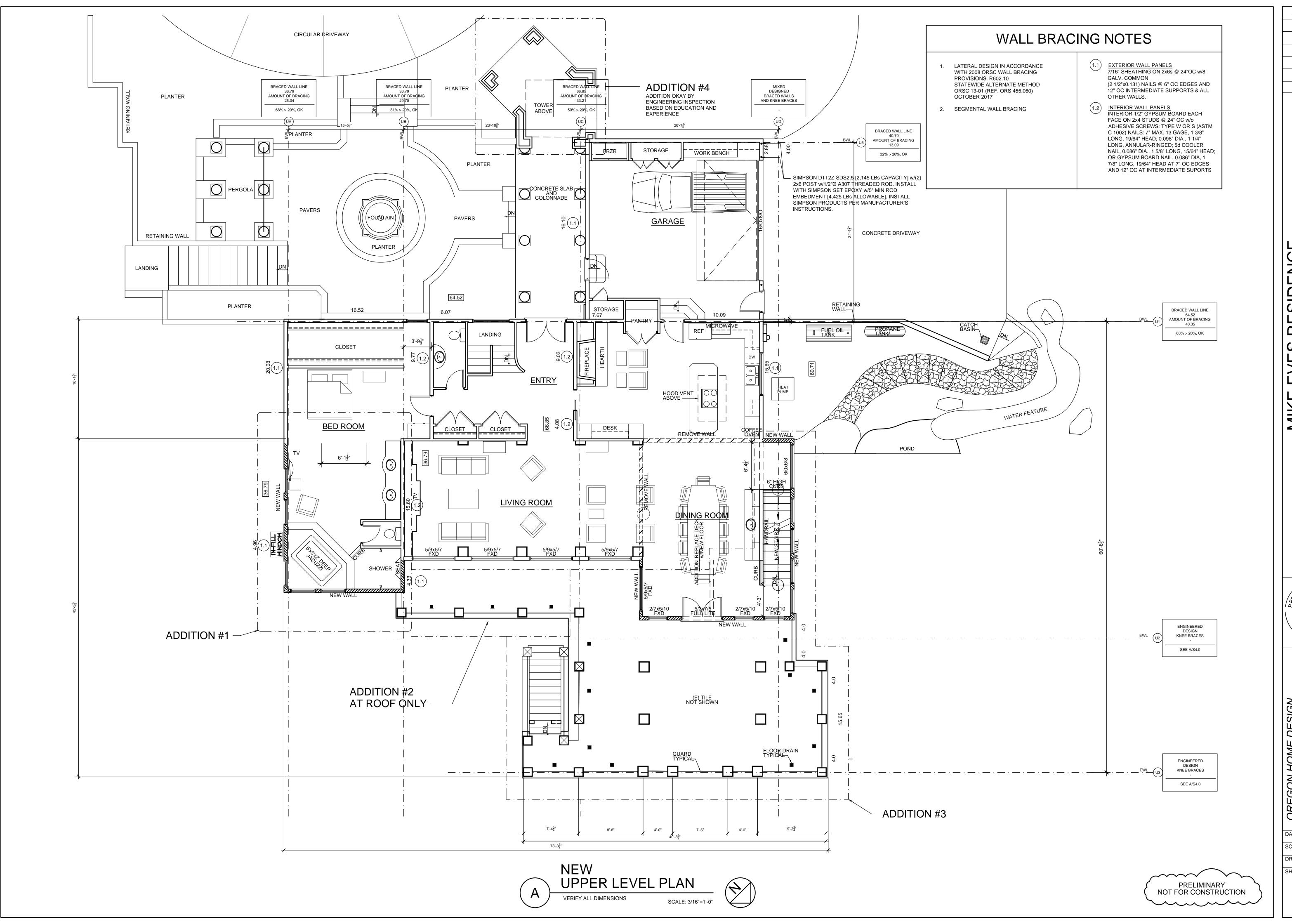


REVISIONS

SCALE AS SHOWN

DRAWN WEB

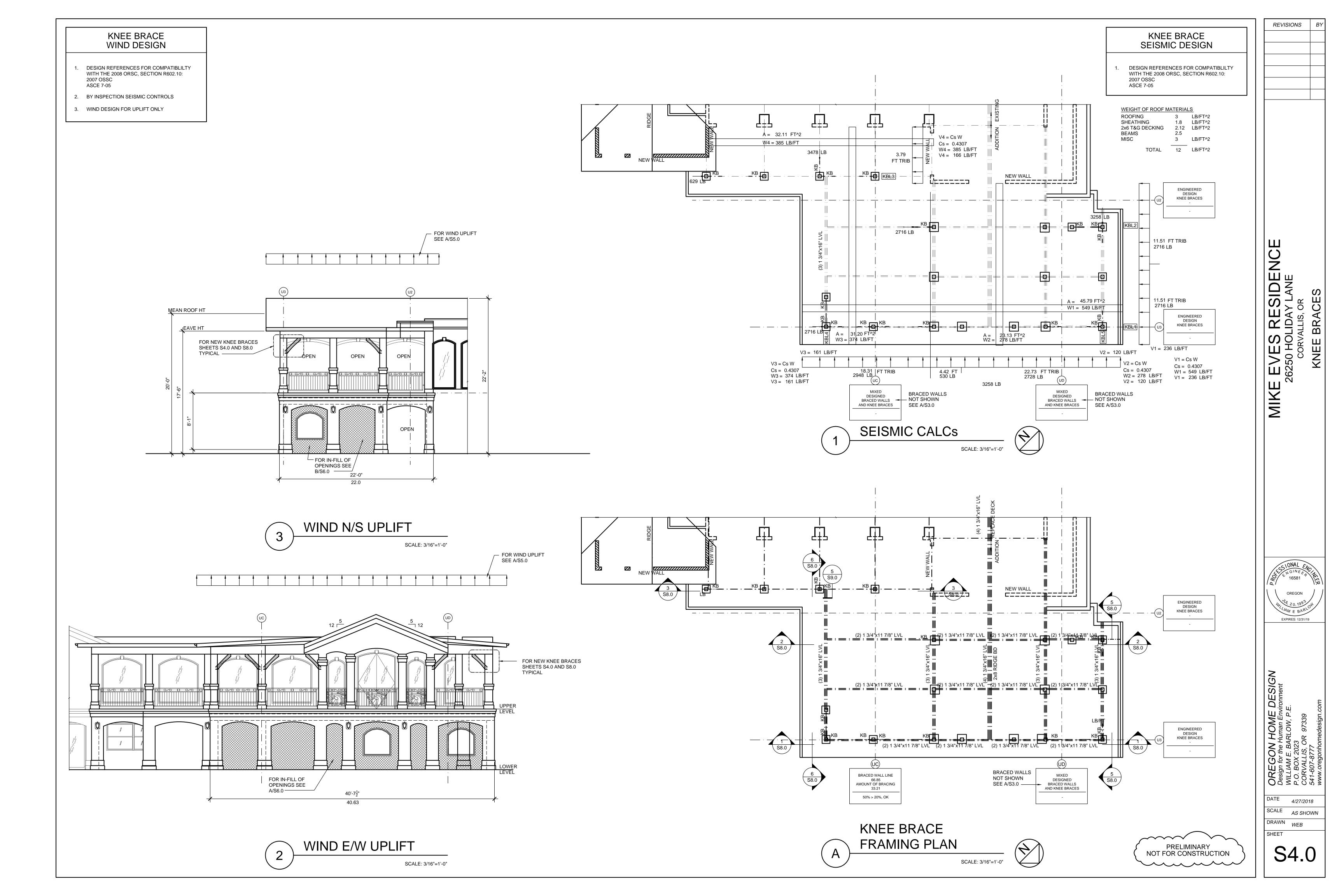
S2.0

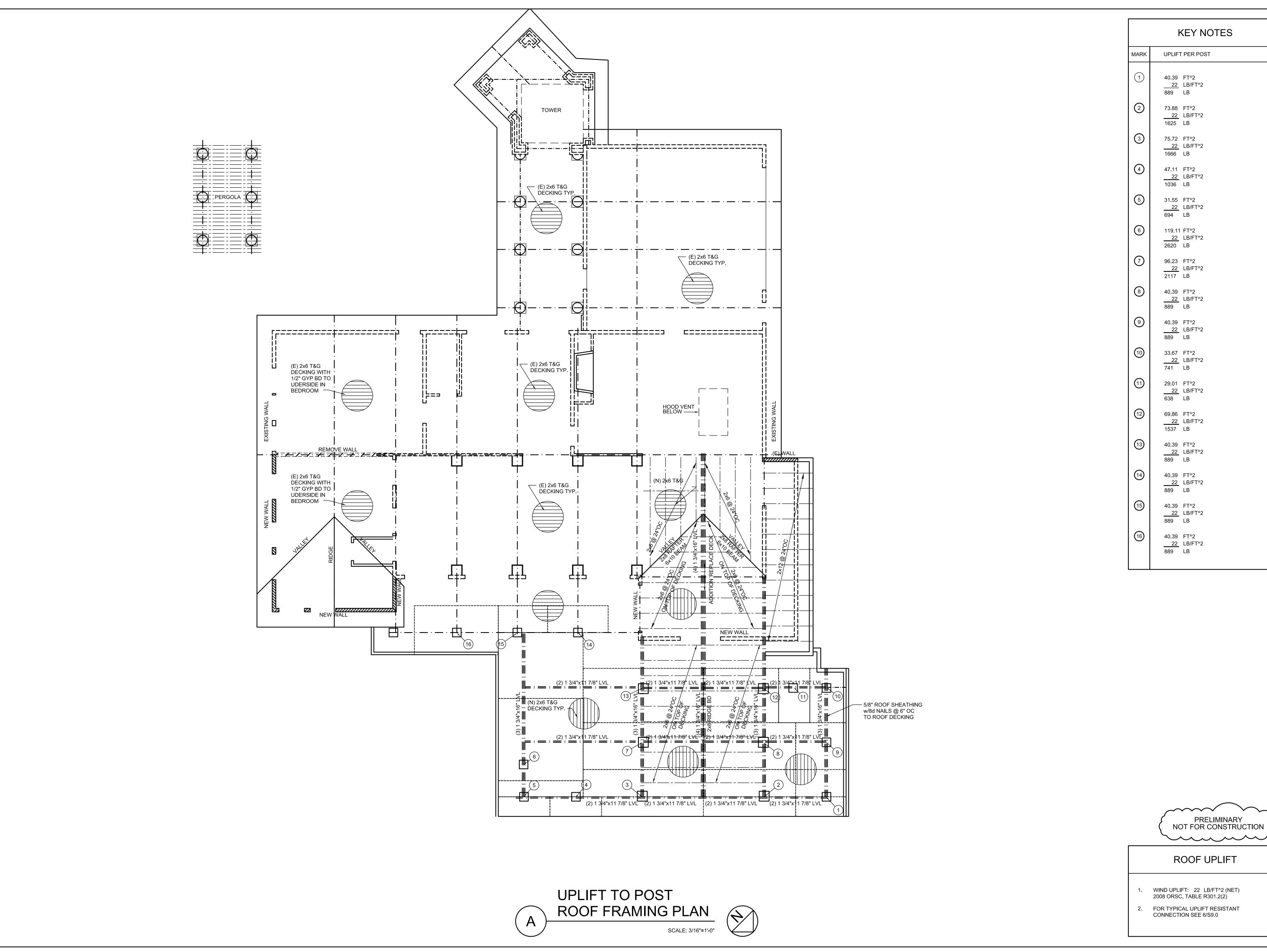


REVISIONS E EVES RESIDENCE 26250 HOLIDAY LANE CORVALLIS, OR

4/27/2018 SCALE AS SHOWN

DRAWN WEB





KEY NOTES UPLIFT PER POST 40.39 FT^2 ____22_ LB/FT^2 889 LB 73.88 FT^2 ____22 LB/FT^2 1625 LB 75.72 FT^2 22 LB/FT^2 1666 LB 47.11 FT^2 22 LB/FT^2 1036 LB 31.55 FT^2 ____22_ LB/FT^2 694 LB 119.11 FT^2 ____22_ LB/FT^2 2620 LB 96.23 FT^2 22 LB/FT^2 2117 LB 40.39 FT^2 <u>22</u> LB/FT^2 889 LB 40.39 FT^2 <u>22</u> LB/FT^2 889 LB 33.67 FT^2 <u>22</u> LB/FT^2 741 LB 29.01 FT^2 <u>22</u> LB/FT^2 638 LB 69.86 FT^2 <u>22</u> LB/FT^2 1537 LB 40.39 FT^2 <u>22</u> LB/FT^2 889 LB 40.39 FT^2 <u>22</u> LB/FT^2 889 LB 40.39 FT^2 22 LB/FT^2 889 LB 40.39 FT^2 22 LB/FT^2 889 LB

REVISIONS

DATE 4/27/2018

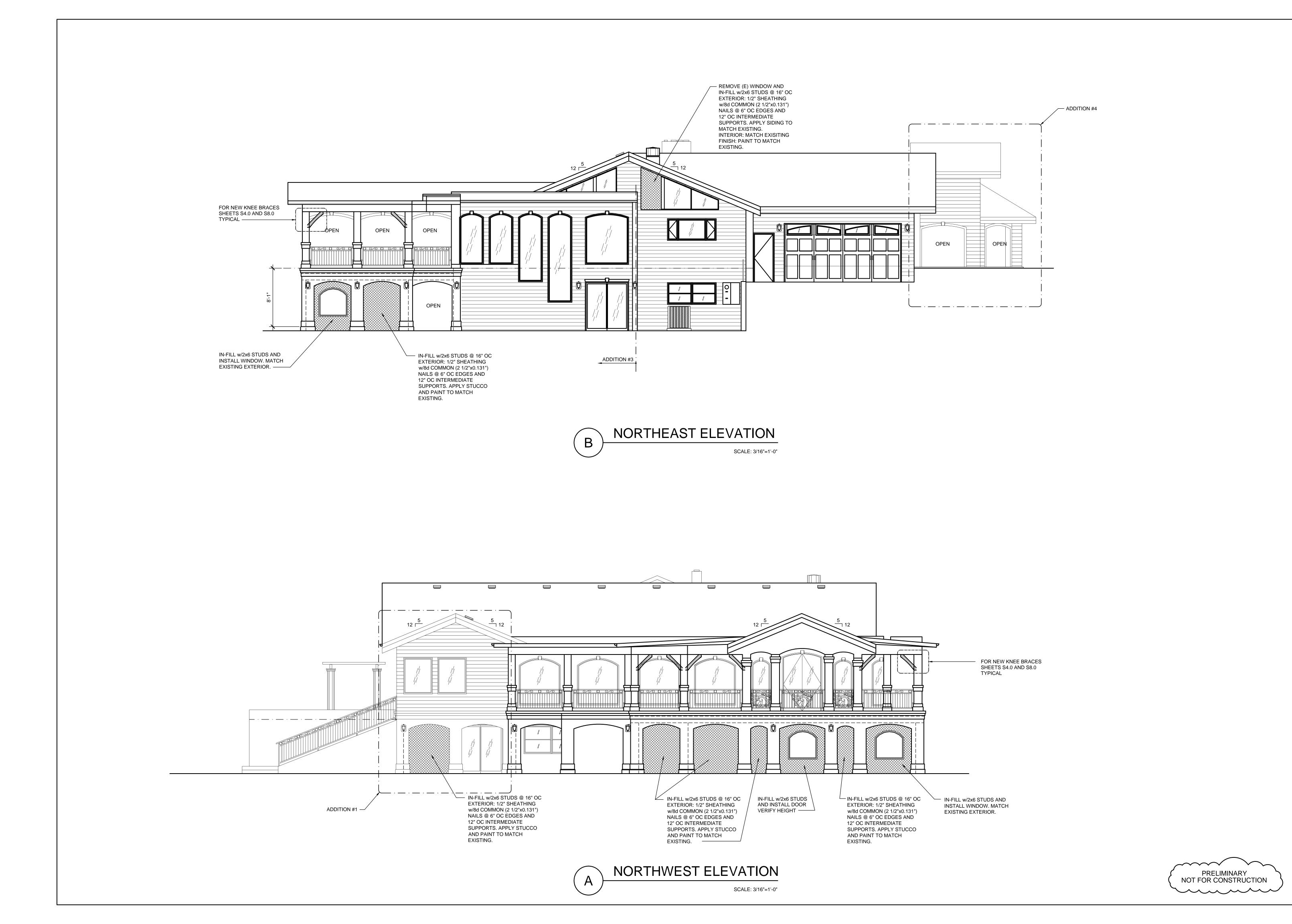
WIND UPLIFT: 22 LB/FT^2 (NET) 2008 ORSC, TABLE R301.2(2)

2. FOR TYPICAL UPLIFT RESISTANT CONNECTION SEE 6/S9.0

DRAWN WEB

S5.0

SCALE AS SHOWN



MIKE EVES RESIDENCE 26250 HOLIDAY LANE CORVALLIS, OR

REVISIONS

OREGON

WILL 20, 1993

EXPIRES: 12/31/19

EGON HOME DESIGN
ign for the Human Environment
LIAM E. BARLOW, P.E.
BOX 2023

Design to Design

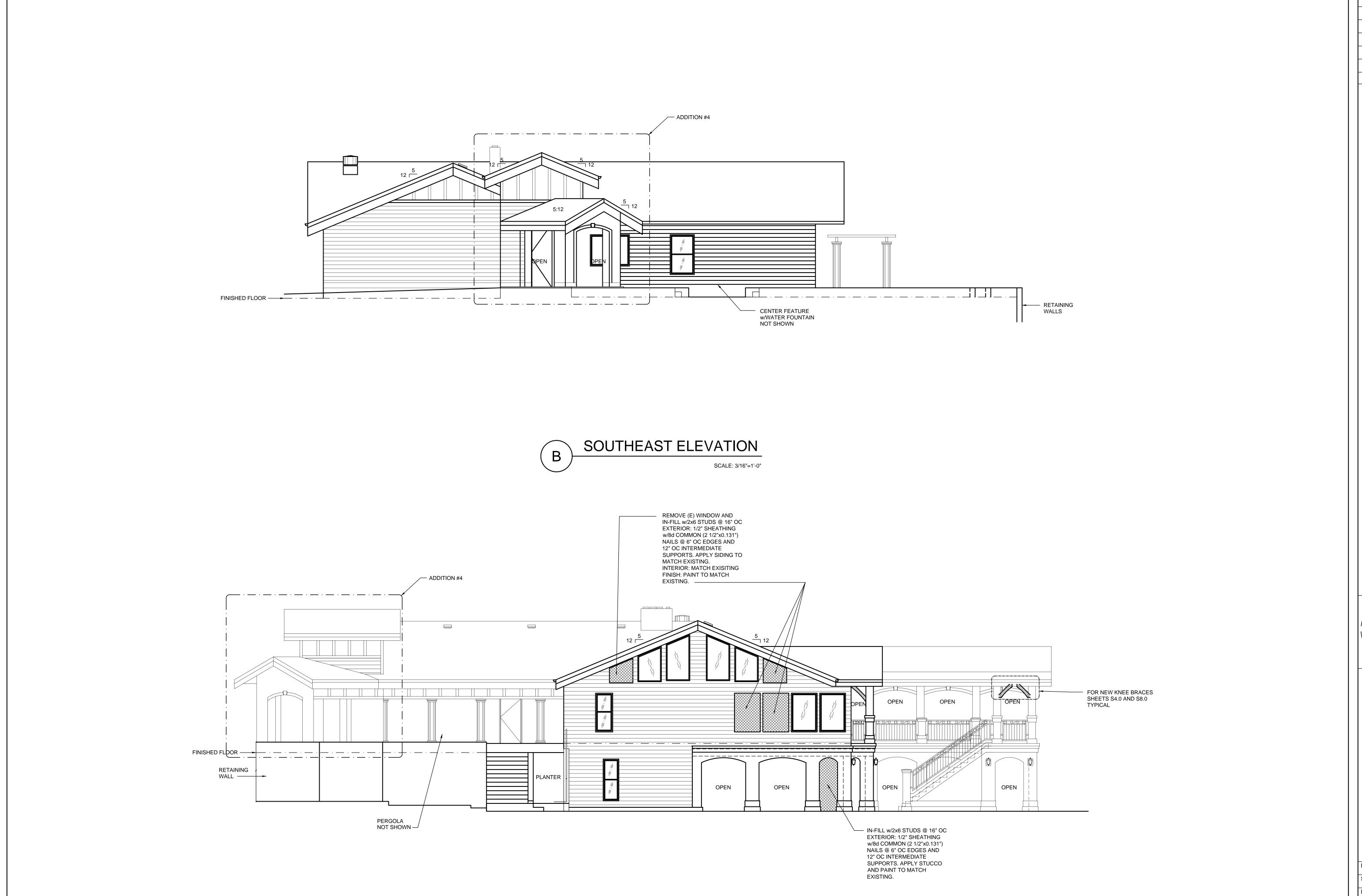
DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

SHEET

S6.0



SOUTHWEST ELEVATION

SCALE: 3/16"=1'-0"

MIKE EVES RESIDENCE
26250 HOLIDAY LANE
CORVALLIS, OR

REVISIONS

OREGON

OREGON

OREGON

OREGON

OREGON

EXPIRES: 12/31/19

SON HOME DESIGN or the Human Environment 1 E. BARLOW, P.E.

OKEGON Design for the P WILLIAM E. BA P.O. BOX 2023 CORVALLIS, C

DATE 4/27/2018

SCALE AS SHOWN

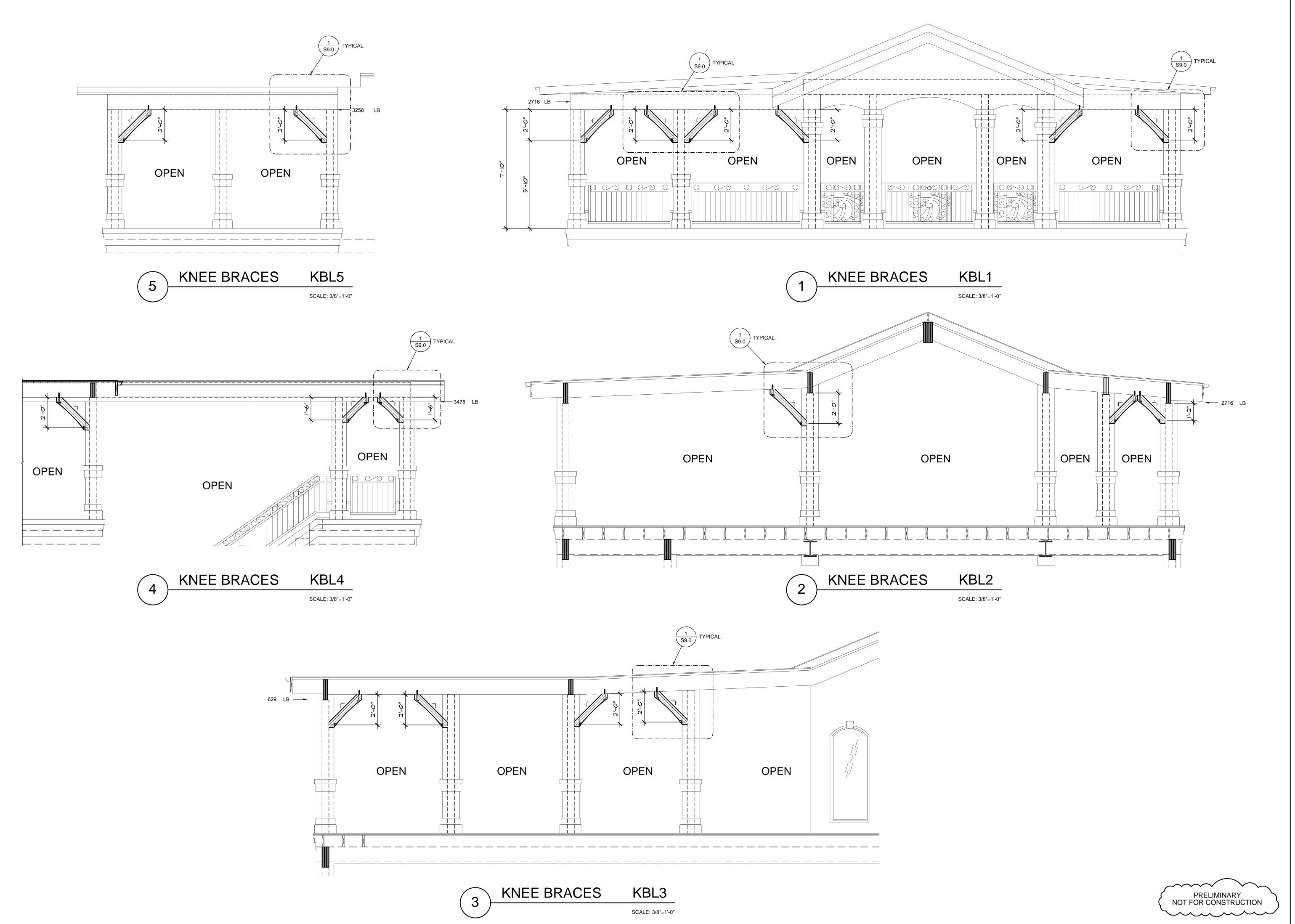
DRAWN WEB

SHEET

S7.0

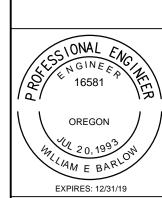
PRELIMINARY

NOT FOR CONSTRUCTION



NEVIOIONO B1

MIKE EVES RESIDENCE
26250 HOLIDAY LANE
CORVALLIS, OR



EGON HOME DESIGN
In for the Human Environment
AM E. BARLOW, P.E.
30X 2023
/ALLIS, OR 97339
07-8777

DATE 4/27/2018

SCALE AS SHOWN

DRAWN WEB

S8.0

SHEET

