

Project Name:
Portland

A CK MORTH ST.

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Office of Aaron Kadoch,AIA

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

Drawing Date:

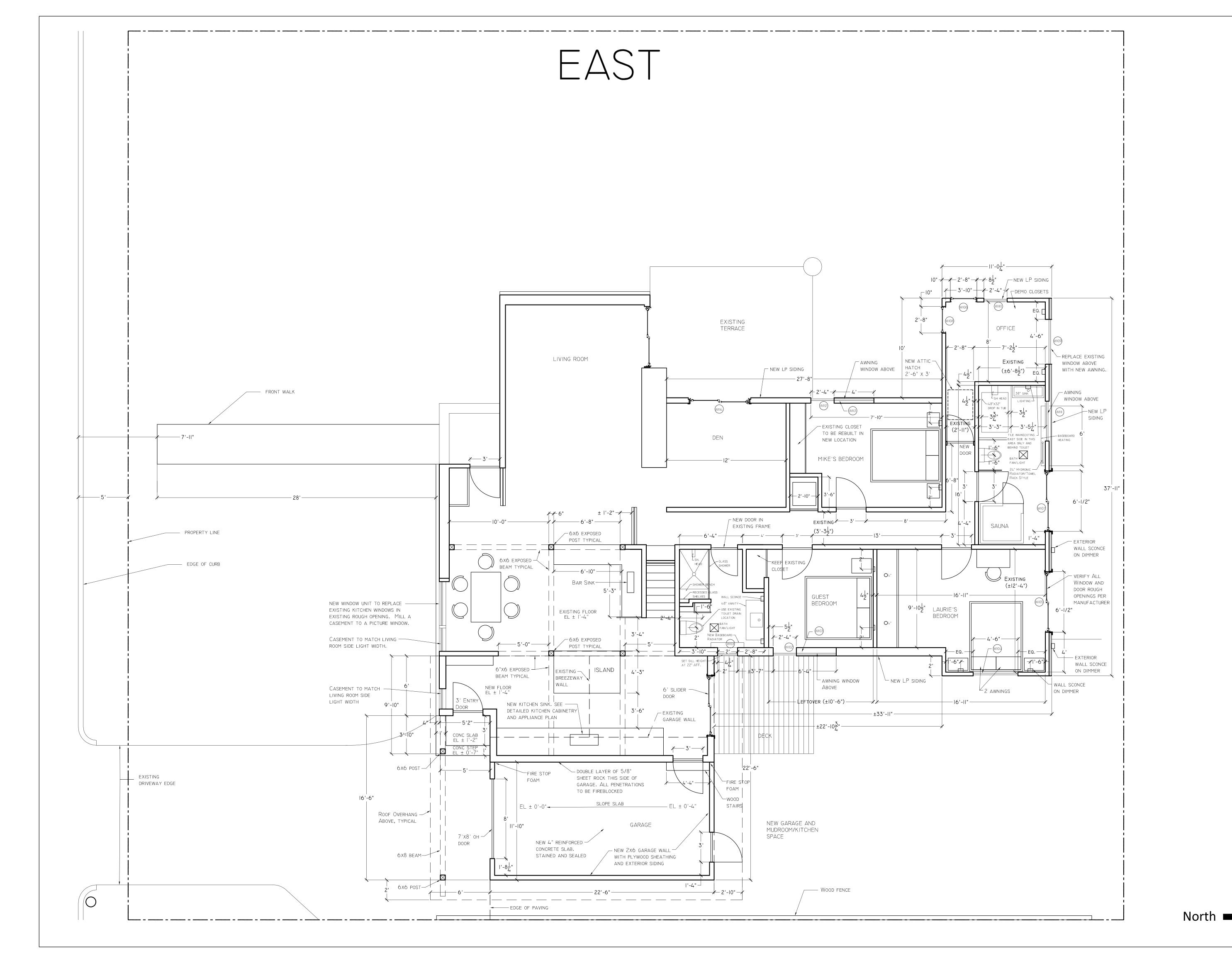
3.30.18

Sheet Title:

Existing Conditions

Sheet Number:

A-1.0



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

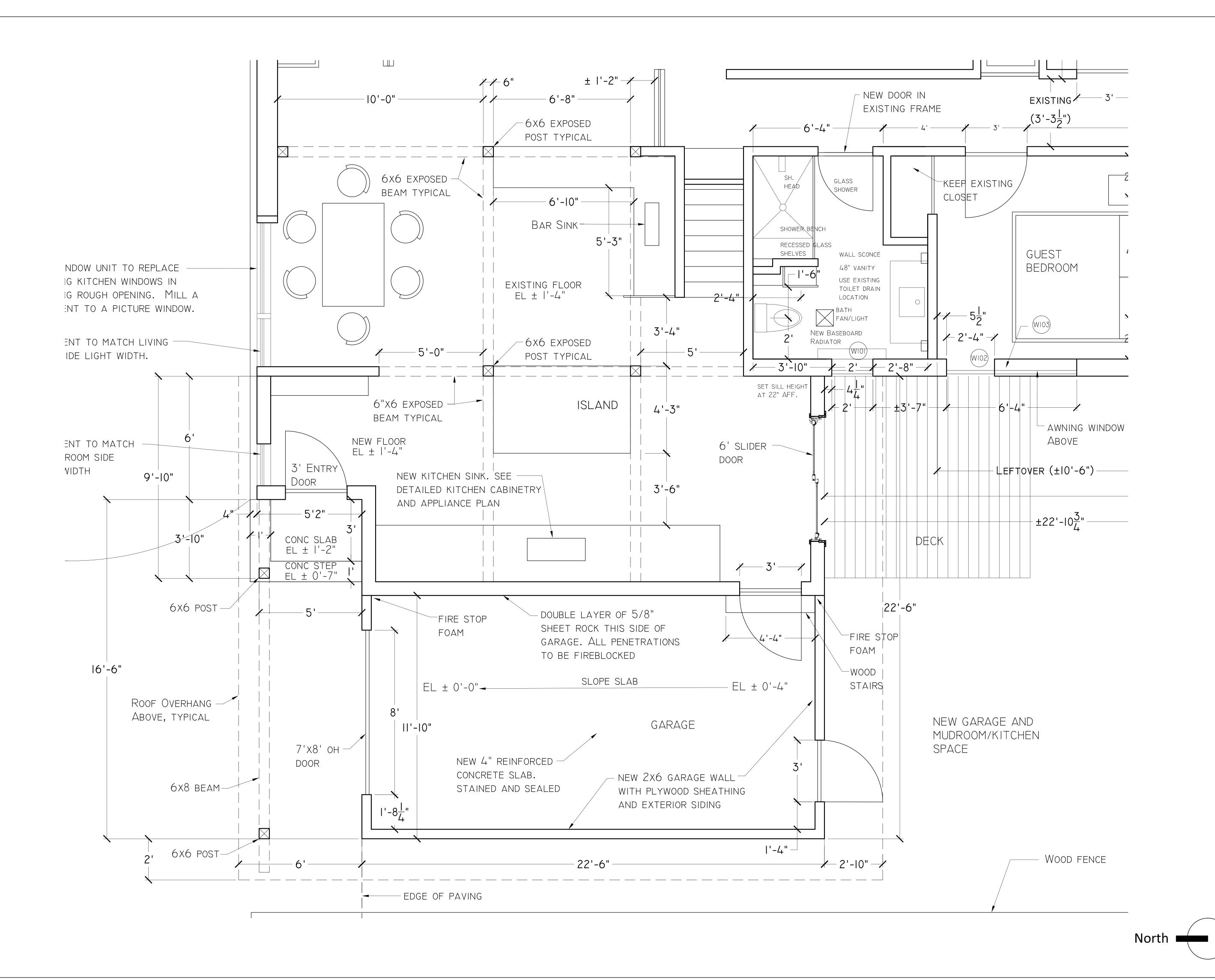
Drawing Date:

4.29.18

Proposed
Floor Plan

Sheet Number:

A-1.1



107 Nackworth St

Project Name:

Portland

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Drawing Scale: 1/2'' = 1'-0''

Drawing Date:

04.29.18

Proposed
Kitchen/Garage
Plan

Sheet Number:

A-1.2



Project Name:
Portland
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Drawing Scale: 1/2" = 1'-0"

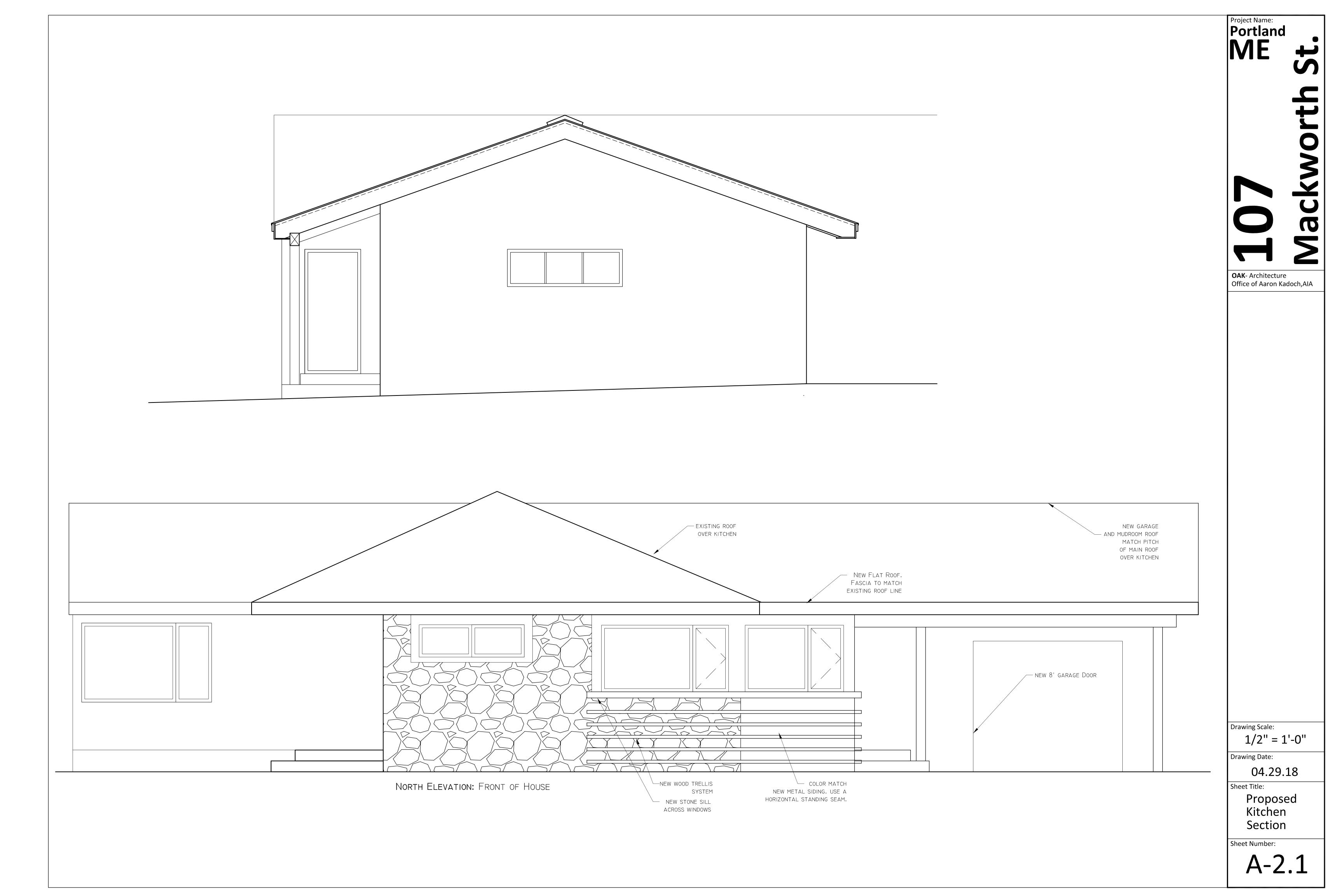
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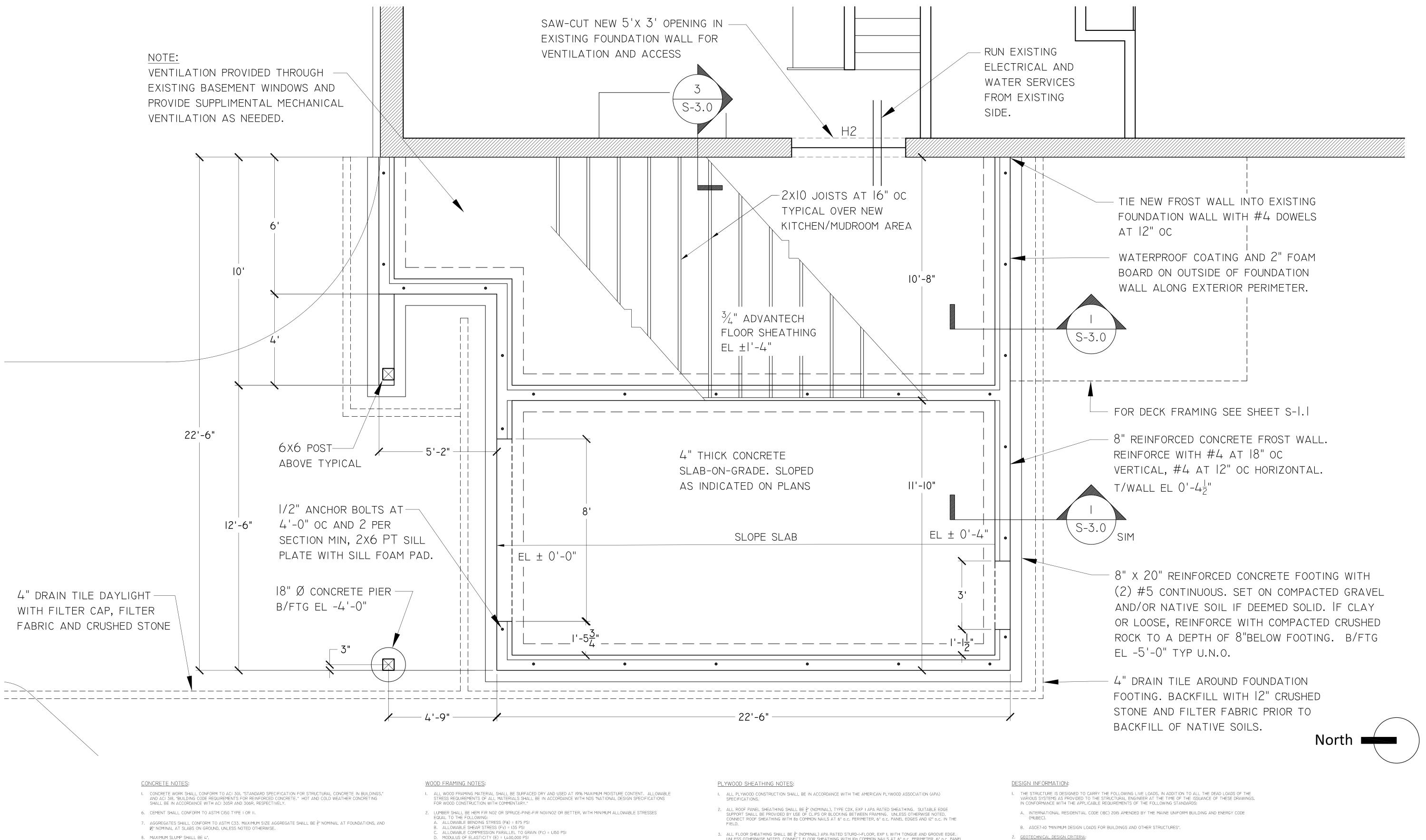
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Phase 1 Elevations

Sheet Number:

A-2.0





- 8. MAXIMUM SLUMP SHALL BE 4".
- 9. PROVIDE CONCRETE MIX DESIGNS INCORPORATING THE FOLLOWING REQUIREMENTS:
- A. FOOTINGS:
 COMPRESSIVE STRENGTH AT 28 DAYS: 3000 PSI - MINIMUM CEMENT CONTENT: 423 LB/CU YD
- MINIMUM WATER CEMENT RATIO: 0.58 - AIR ENTRAINMENT: OPTIONAL
- B. WALLS AND SLABS-ON-GROUND: - COMPRESSIVE STRENGTH AT 28 DAYS: 4000 PSI - MINIMUM CEMENT CONTENT: 517 LB/CU
- 517 LB/CU YD - MINIMUM WATER CEMENT RATIO:
- 4% TO 6% FOR WALLS; 0% FOR S.O.G. - SYNTHETIC FIBERS IN S.O.G. ONLY
- 10. CONCRETE MIX DURATION TIMES SHALL BE LIMITED TO LESS THAN 90 MINUTES, WITHOUT EXCEPTION FOR ANY REASON. II. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
- I2. PROVIDE A VAPOR BARRIER UNDER INTERIOR SLABS ON GROUND. VAPOR BARRIER SHALL BE A MINIMUM OF I5 MIL THICKNESS OF EXTRUDED POLYOLEFIN FILM CONFORMING TO ASTM E1745 CLASS A PLASTICS WITH A MODIFIED PERMEANCE NOT EXCEEDING 0.02 PERMS. VAPOR BARRIER SHALL BE EQUAL TO STEGO WRAP BY STEGO INDUSTRIES
- 13. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 315. WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- 14. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND BE PROVIDED IN FLAT SHEETS.

15. MINIMUM PROTECTIVE CONCRETE COVER OVER REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL BE:

- A. SURFACES CAST AGAINST AND PERMANENTLY IN CONTACT WITH EARTH: B. FORMED SURFACES IN CONTACT WITH EARTH OR EXPOSED TO WEATHER: FOR #5 BARS AND SMALLER: FOR #6 BARS AND LARGER:
- SURFACES NOT IN CONTACT WITH EARTH OR EXPOSED TO WEATHER: FOR #II BARS AND SMALLER FOR SLABS, WALLS, JOISTS: FOR ALL REINFORCEMENT OF BEAMS, GIRDERS AND COLUMNS:
- 17. ANCHOR RODS THAT ARE IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED.
- 18. ALL ITEMS TO BE EMBEDDED INTO CONCRETE SHALL BE INSTALLED PRIOR TO PLACEMENT OF CONCRETE. PROVIDE ADDITIONAL REINFORCEMENT AND/OR TEMPLATES AS REQUIRED TO ENSURE THE CORRECT POSITION OF EMBEDMENTS. "WET SETTING" OF EMBEDMENTS (INCLUDING ANCHOR BOLTS) INTO CONCRETE IS PROHIBITED.

- 3. PROVIDE ONE ROW OF FULL-DEPTH WOOD BLOCKING AT MID-HEIGHT OF ALL LOAD BEARING WALLS UP TO 8'-0" IN HEIGHT, AND AT 4'-0" MAXIMUM FOR FULL HEIGHT OF WALL.
- . BORED OR CUT HOLES SHALL NOT EXCEED ONE-THIRD OF THE DEPTH OF ANY UN-REINFORCED STRUCTURAL WALL STUD. EDGES OF HOLES SHALL NOT BE LOCATED CLOSER THAN $\frac{5}{8}$ " FROM THE EDGE OF THE STUD. STRUCTURAL WALL STUDS MAY HAVE BORED OR CUT HOLES UP TO ONE-HALF THE STUD DEPTH ONLY IF ADDITIONAL STUDS ARE INSTALLED OR SIMPSON STRONG-TIE TYPE SSI.5 STUD SHOES ARE USED. HOLES ARE NOT ALLOWED IN POSTS OR COLUMNS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.
- LUMBER WILL BE IN CONTACT WITH MASONRY OR CONCRETE. TIMBER SHALL BE TREATED SOUTHERN YELLOW PINE IN ACCORDANCE WITH AWPA STANDARD TI. 6. BUILT-UP POSTS AND BEAMS SHALL BE FASTENED TOGETHER WITH A MINIMUM OF TWO IOD NAILS AT 8" O.C. UNO IN

5. PROVIDE PRESURE-TREATED LUMBER AT WALL SILL PLATE MEMBERS, EXTERIOR EXPOSURE, AND ALL LOCATIONS WHERE

- PLANS. FASTENING SHALL BE PLACED INTO EACH PLY. 7. EXTERIOR NON-LOAD BEARING INSULATION PANELS SUPPORTING SIDING SHALL BE FASTENED TO WALL STUDS PER
- SPECIFICATIONS. 8. AT CONNECTIONS NOT SPECIFICALLY DETAILED, FASTENING SHALL BE IN ACCORDANCE WITH THE WOOD FRAMING
- 9. NAIL SIZES INDICATED ON THE DRAWINGS ARE COMMON WIRE NAIL SIZES (AS DEFINED BY THE AF&PA), WITH THE
- 6D: 0.113" DIAMETER SHANK, 0.266" DIAMETER HEAD, 2" LONG 8D: 0.131" DIAMETER SHANK, 0.281" DIAMETER HEAD, $2\frac{1}{2}$ " LONG
- 10D: 0.148" DIAMETER SHANK, 0.312" DIAMETER HEAD, 3" LONG
- 12D: 0.148" DIAMETER SHANK. 0.312" DIAMETER HEAD, 31 LONG 16D: 0.162" DIAMETER SHANK, 0.344" DIAMETER HEAD, $3\frac{1}{2}$ " LONG
- CONNECTORS AS MANUFACTURED BY SIMPSON STRONG-TIE (OR AN APPROVED EQUIVALENT). II. CONNECTORS AND FASTENERS EXPOSED TO THE WEATHER AND/OR IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE STAINLESS STEEL. IF ALTERNATE COATINGS ARE PROPOSED BY THE CONTRACTOR OR FASTENER MANUFACTURER, SUBMIT PRODUCT DATA FOR REVIEW PRIOR TO PURCHASE. FASTENERS SHALL MATCH THE TYPE OF

10. ALL WOOD CONNECTORS (JOIST AND BEAM HANGERS, POST CAPS AND BASES, AND TIES) SHALL BE GALVANIZED STEEL

- UNLESS OTHERWISE NOTED, CONNECT FLOOR SHEATHING WITH 100 COMMON NAILS AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND 12" O.C. IN THE FIELD. FIELD GLUE USING ADHESIVES MEETING APA SPECIFICATION AFG-01, APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 4. ALL WALL PANEL SHEATHING SHALL BE ½" (NOMINAL) TYPE CDX, EXPI APA RATED SHEATHING. UNLESS OTHERWISE NOTED, CONNECT WALL SHEATHING WITH 8D COMMON NAILS AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND 12" O.C. IN
- 5. INSTALL ALL PLYWOOD SHEATHING WITH THE LONG DIMENSION OF THE PANEL ACROSS SUPPORTS AND WITH PANEL
- 6. ALL NAILING NOT OTHERWISE INDICATED SHALL BE IN ACCORDANCE WITH THE "NAILING SCHEDULE" ON THE TYPICAL DETAIL SHEET. NAILING SHALL NOT BE OVERDRIVEN.

UNLESS OTHERWISE RECOMMENDING BY THE SHEATHING MANUFACTURER.

- A. FOUNDATION DESIGN BEARING CAPACITY IS BASED ON USING THE FOLLOWING ALLOWABLE NET SOIL BEARING - COLUMN FOOTINGS: 2500 PSF
- B. NOTIFY THE STRUCTURAL ENGINEER OF RECORD (SER) IF UNSUITABLE MATERIALS ARE ENCOUNTERED BEFORE PROCEEDING WITH THE AFFECTED AREA OF WORK.
- A. ESTIMATED SELF-WEIGHT OF STRUCTURE AND ANY COMPONENTS OR FIXTURES CONSIDERED PERMANENT.
- 4. SNOW LOAD: A. DESIGN GROUND SNOW LOAD, PG: B. TERRAIN CATEGORY:
- . SNOW OCCUPANCY CATEGORY: D. SNOW LOAD IMPORTANCE FACTOR, IS: E. SNOW EXPOSURE FACTOR, CE:

- CONTINUOUS WALL FOOTINGS: 2500 PSF

- F. THERMAL FACTOR, CT: G. DESIGN FLAT-ROOF SNOW LOAD: H. UNBALANCED, DRIFTING AND SLIDING SNOW IN ACCORDANCE WITH CHAPTER 7 OF ASCE 7
- A. WIND OCCUPANCY CATEGORY:
- B. BASIC WIND SPEED (3-SECOND GUST), VULT: II7 MPH : WIND IMPORTANCE FACTOR, IW:
- E. WIND DIRECTIONALITY FACTOR, KD:
- G. ENCLOSURE CLASSIFICATION:
- . COMPONENTS & CLADDING LOADS IN ACCORDANCE WITH CHAPTER 6 OF ASCE 7 7. SEISMIC LOADS:
- D. SHORT PERIOD ACCELERATION Ss (Sps) 0.242 (0.258) E. I-SECOND PERIOD ACCELERATION SI (SDI) 0.078 (0.188) . SEISMIC DESIGN CATEGORY:

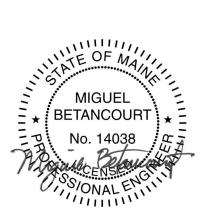
B. IMPORTANCE FACTOR, IE:

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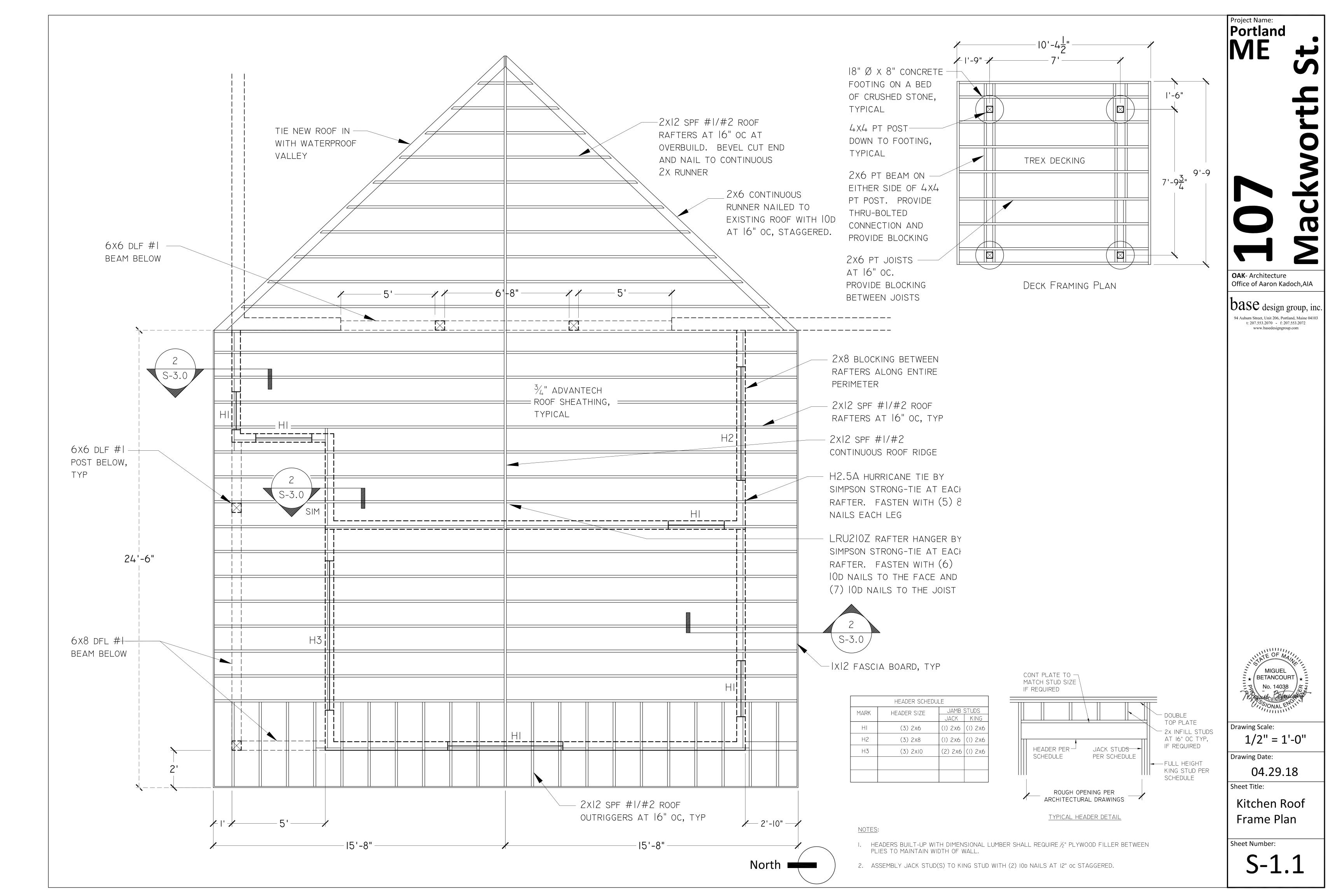
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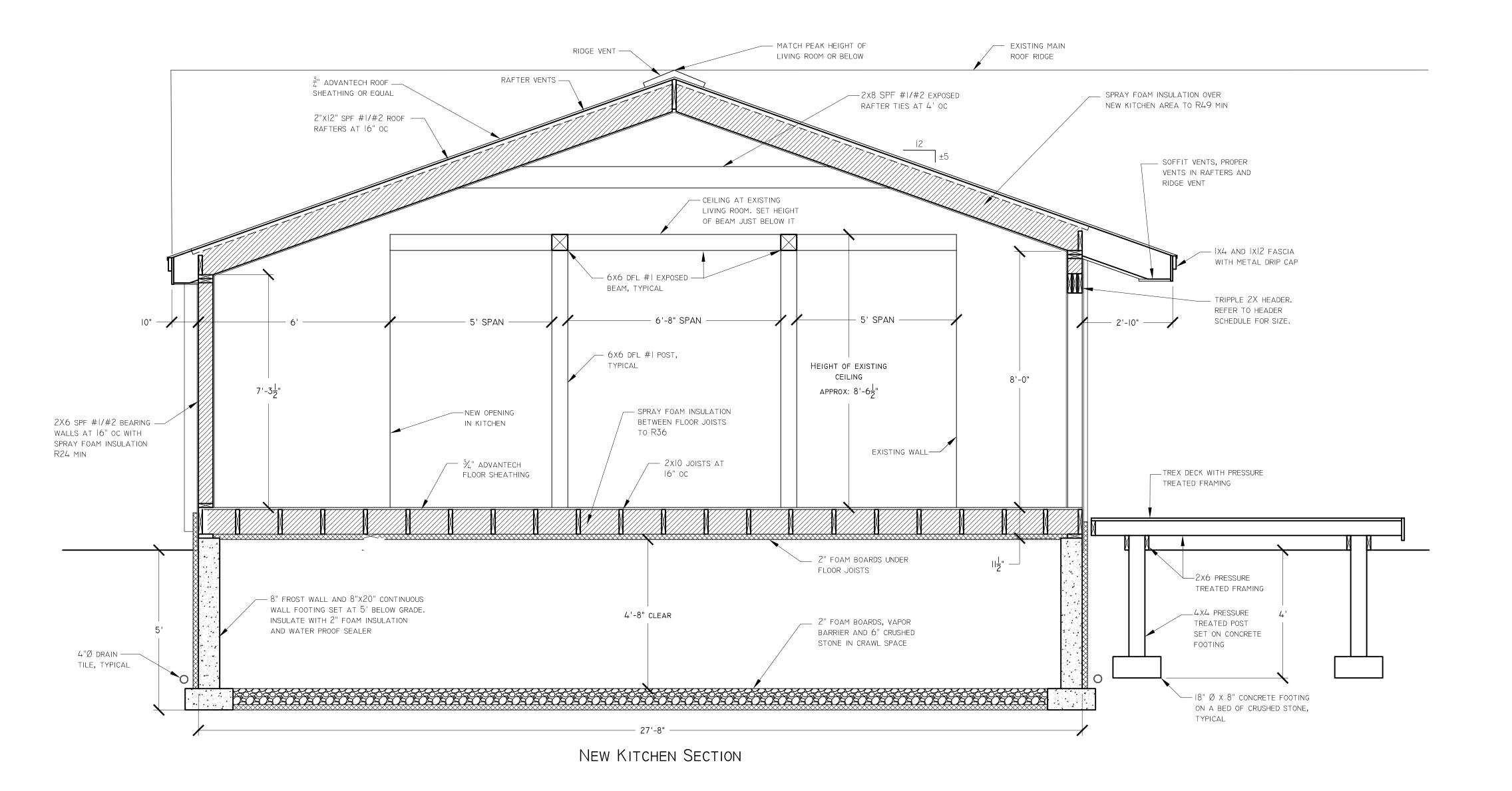
Drawing Date:

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Sheet Title: Proposed Foundation

Sheet Number:



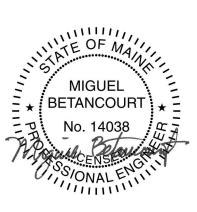


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base design group, inc.

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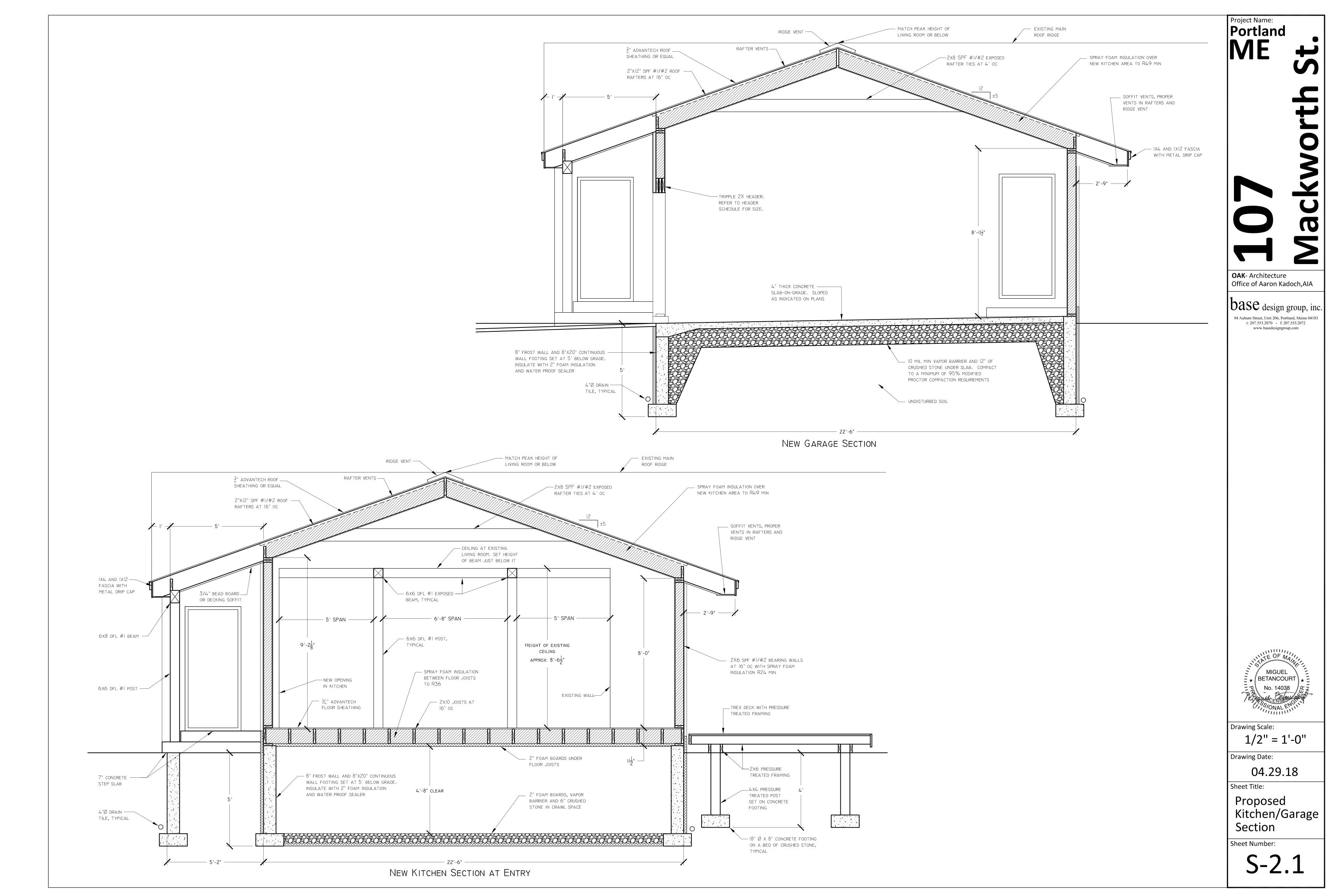
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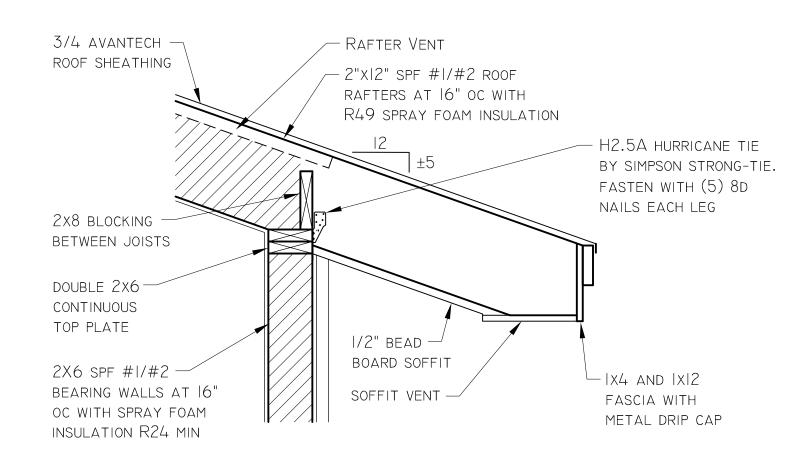
Sheet Title:

Proposed Kitchen Section

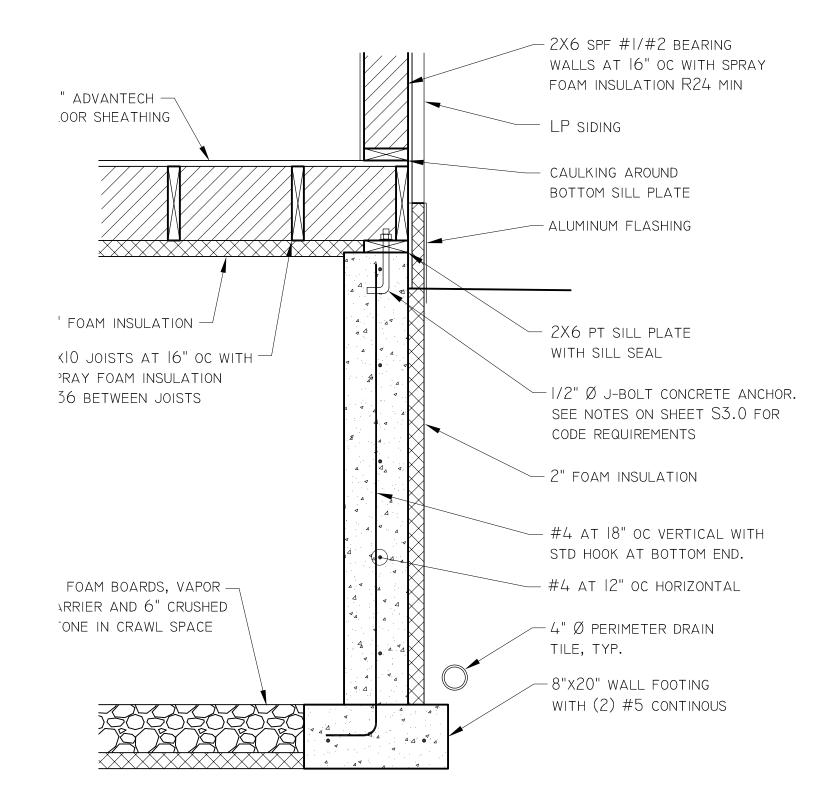
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Typical Rafter Detail



Typical Concrete Foundation Wall Detail

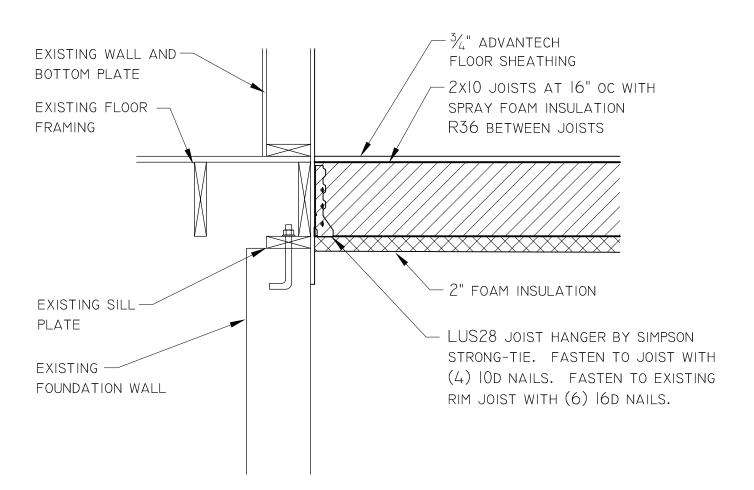
Basement Ventilation:

Use a Class 1 vapor retarder material for the entire foundation floor. provide the minimum net area of 1 square foot for each 1,500 square feet of under floor area space. As a minimum, there shall be ventilation openings around the perimeter of the structure, one shall be within 3 feet on either side of each corner of the building. When the structure has a projection in the foundation greater than 8 feet, a ventilation opening shall be required within 3' of each outside corner. Vents shall

be located in a readily convenient location, and not under low decks or porches. Vents may be centered on front wall projections for aesthetic reasons.

Foundation Anchors:

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 minimum of 6 feet o.c. This project is specified at 4' on center. Bolts shall be at least 1/2-inch (12.7 mm) in diameter and shall extend a minimum of 7 inches (178 mm) into concrete. A nut and washer shall be tightened on each bolt. There shall be a minimum of two bolts per plate section with one bolt located not more than 12 inches (305 mm) or less than 7 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 termites where required by sections R317 and R318. Vertical reinforcing should align with foundation anchor bolts.



Typical Floor Framing Detail at Existing

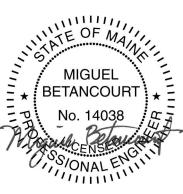
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Sheet Title:

Construction Details

Sheet Number:

S-3.0