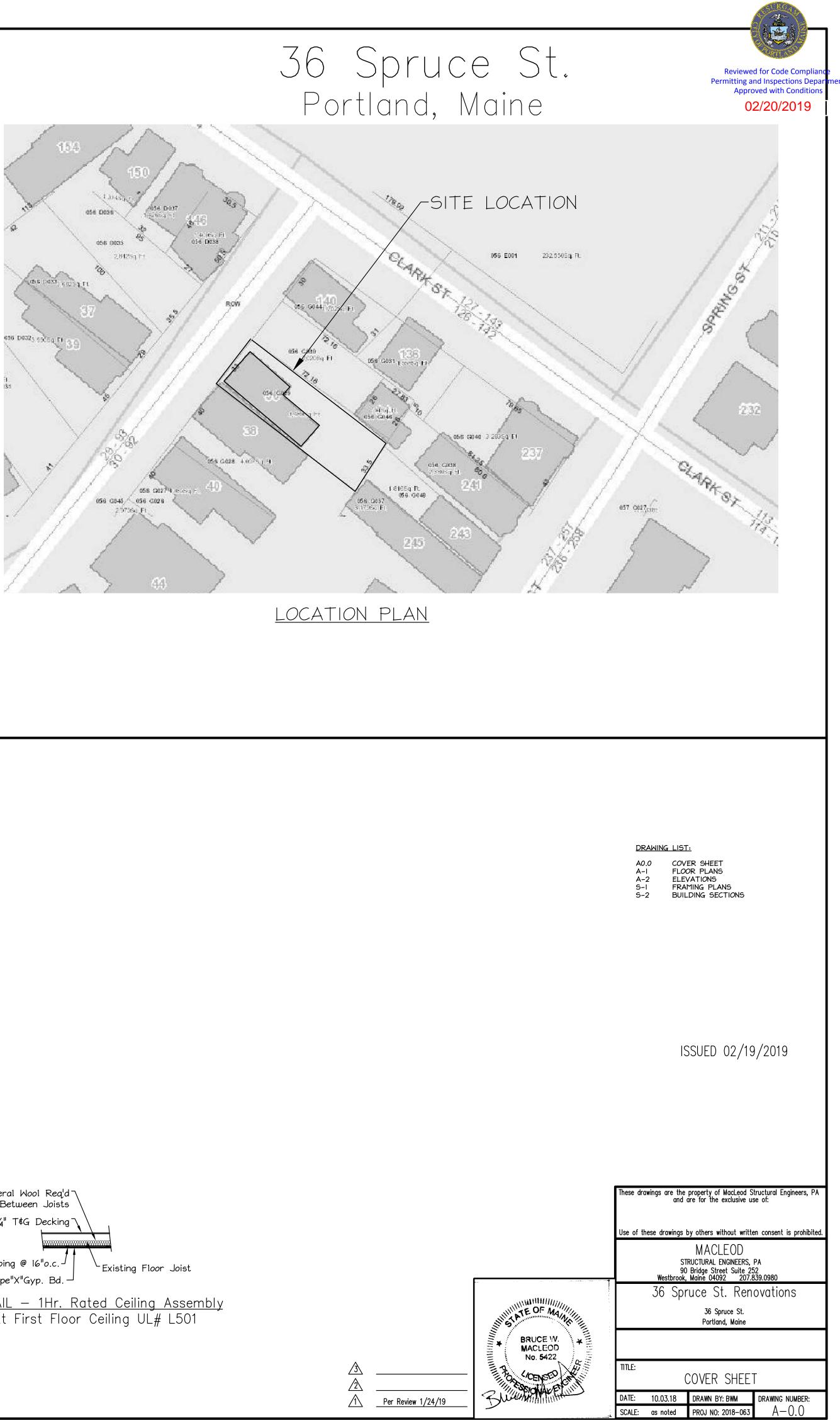
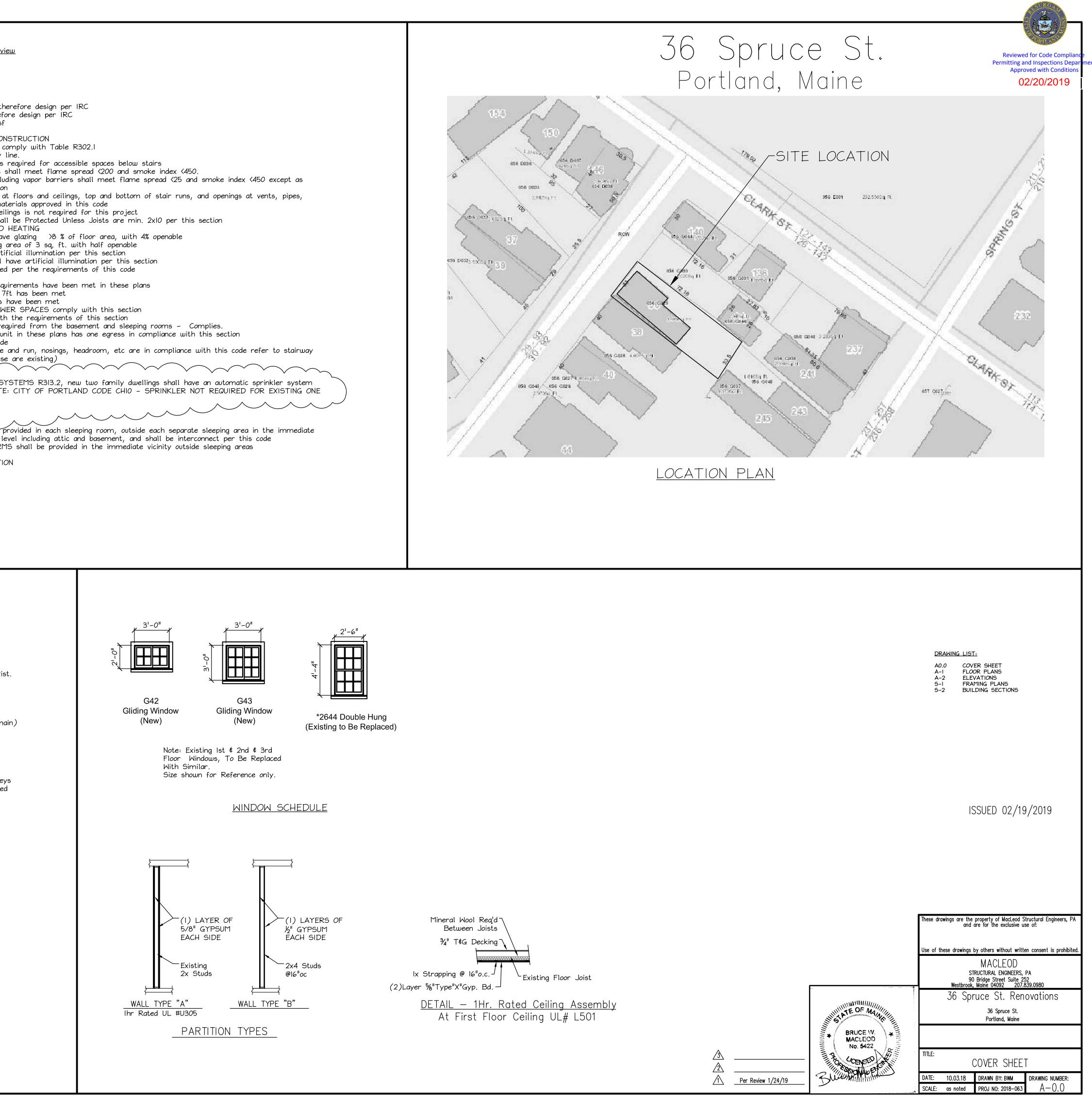


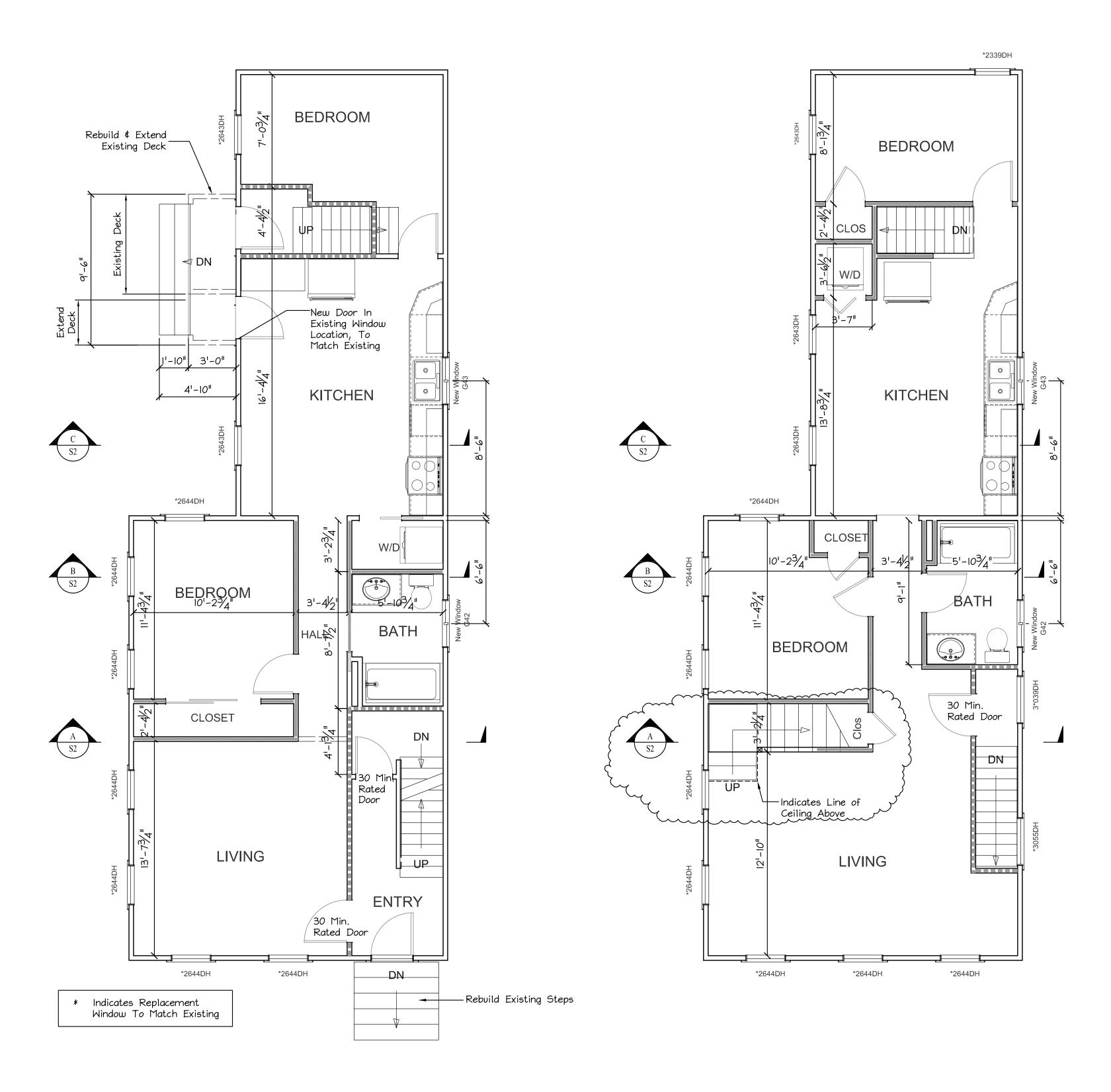
PROJECT DIRECTORY	<u>Two Family Residence Code Revieu</u> 36 Spruce Street Portland, Maine
	CODE REVIEM: IRC2015 CH3
<u>OWNER:</u>	SECT 301 DESIGN CRITERIA Design Wind speed = 120mph, ther Design Snow, Pg= 60psf, therefore Design Floor Live Load = 40 psf
GEBHARDT	SECT 302 FIRE RESISTANT CONS R302.1 Exterior Walls shall con
DECICAL DDAEECCIANAL	Not within 5ft of property lin R302.7 Under stair protection is re R302.9 Wall and ceiling finishes sh R302.10 Insulation materials includir
DESIGN PROFESSIONAL: MACLEOD STRUCTURAL ENGINEERS, PA 90 BRIDGE STREET	otherwise provided in this section R302.11 Fireblocking is required at ducts, cables and wires with mate
40 BRIDGE STREET WESTBROOK, MAINE 04092 TEL. 207-839-0980	R302.12 Draftstoping at floor/ceilin R302.13 Underside of Floors Shall R303 LIGHT VENTILAITION AND H R303.1 Habitable rooms shall have
GENERAL CONTRACTOR:	R303.3 Bathrooms, min. glazing ar R303.7 Stairways shall have artific R303.8 Exterior Stairways shall ha R303.10 Heating shall be provided
TBD	R304 MINIMUM ROOM AREA requir R305 CEILING HEIGHT min. of 7ft
	R306 SANITATION requirements ha R307 TOILET, BATH AND SHOWER R308 GLAZING shall comply with
	R310 EMERGENCY ESCAPE is requ R311 MEANS OF EGRESS each unit R311.6 Hallways are > 36 in. wide R311.7 Stairways, handrails, rise ar
PROJECT DESCRIPTION: THIS PROJECT CONSISTS OF -	sections and details within (these
I. UPDATING/RENOVATING INTERIOR SPACES 3. INSTALLING NEW ROOFING, SIDING	(R313 AUTOMATIC SPRINKLER SYS complying with NFPA13D NOTE: AND TWO FAMILY BUILDINGS
4. THE FOOTPRINT AND VOLUME OF THE BUILDING IS UNCHANGED 5. EXISTING COMPONENTS TO REMAIN EXCEPT AS NOTED HEREIN	R314 SMOKE ALARMS shall be pro
6. EXISTING STRUCTURAL ELEMENTS TO REMAIN EXCEPT AS NOTED HEREIN 7. ALL NEW ELECTRICAL, PLUMBING \$	vicinity, and on each additional leve R315 CARBON MONOXIDE ALARMS CHAPTER 6 WALL CONSTRUCTION
HEATING SYSTEMS THROUGHOUT	602.10.1 Braced Wall Construction 602.10.1 Braced Wall Panels Mixed wall types are used First Floor Walls are Existing
<u>GENERAL NOTES:</u> I. THIS PLAN IS DESIGNED TO COMPLY WITH MAINE BUILDING	
AND ENERGY CODE, 2015 IRC, AND 2015 IECC 2. ALL OTHER CODES SHALL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR	RESIDENTIAL SPECIFICATIONS:
3. ALL MECHANICAL/PLUMBING/ELEVATRICAL DESIGN BY OTHERS	FLOOR SYSTEM: EXISTING EXTERIOR WALLS:
4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK ENERGY CODE STANDARDS: ZONE 6	2x Studs as Indicated (16"oc) Exist. Sheathing - Exist. Air Infiltration Wrap
I. FENESTRATIONS -Windows u-0.35, shg-0.38 1.1 - Doors u-0.25	Siding/Finish as Indicated INTERIOR WALLS: 2x4 Studs @ 16"oc (exist. to remain
<ol> <li>ROOF -R49 (R30 at Sloping Ceiling Areas)</li> <li>EXTERIOR WALLS -Fill Voids at Existing</li> <li>BASEMENT CONC. WALLS (Exist to Remain)</li> </ol>	2" Gypboard as Indicated ROOF SYSTEM:
ENERGY CODE NOTES:	Rafters-Exist. to remain Sheathing - Existing 15# Underlayment
<ol> <li>ALL JOINTS AND PENETRATIONS SHALL BE CAULKED, GASKETED, OR COVERED WITH MOISTURE VAPOR-PERMEABLE WRAPPING MATERIAL</li> <li>COMPONENT R-VALUES &amp; U-FACTORS SHALL BE LABELED</li> </ol>	Ice & Water Shield at Eaves/Valleys 235# Asphalt Shingles as Indicated
<ol> <li>COMPONENT R-VALUES &amp; U-FACTORS SHALL BE LABELED AS CERTIFIED.</li> <li>INSULATION SHALL BE INSTALLED ACCORDING TO MFRS. INSTRUCTIONS, AND IN A MANNER THAT ACHIEVES THE</li> </ol>	INSULATION: See Energy Code Notes Herein VENTILATION:
REQ'D R-VALUE 4. STAIR, ELEVATOR SHAFT VENTS, AND OTHER OUTDOOR INTAKE AND EXHAUST OPENINGS SHALL BE EQUIPPED WITH	Soffit - 2"Contin. Strip Ridges - Contin. Shingle Circulation Vents Between
MOTORIZED DAMPERS. 5. RECESSED LIGHTING FIXTURES INSTALLED IN THE BUILDING ENVELOPE SHALL BE TRYPE IC RATED AS MEETING ASTM F283 AND SEALED OR CALLKED	Rafters/Trusses BEAMS/HEADERS:
MEETING ASTM E283, AND SEALED OR CAULKED.	(3)2x6 Max. 40" Span (3)2x10s Max 76" Span Min. 4" Bearing all Beams
CODE REVIEW NFPA 101 Chapter 24 One and Two Family Dwellings	INTERIOR FINISHES: ½" Gypboard or As Indicated At Walls/Ceilings
24.2 Means of Egress - One primary means of egress and one secondary means of escape is required from every sleeping room and every living area. This design meets this requirement 24.2.5 Stairs - min. width =36in,	Flooring As Indicated Paint/Stain As Indicated
24.2.5 Stairs - min. width =36in, 24.2.6 Hallways - min. width 36in 24.2.7 Bulkheads - shall provide direct access to the basement, are exempt from requirements of 24.2.5.1	Note: Items not Indicated Shall be Per Contract
24.3.4.1 Smoke alarms shall be provided in each sleeping room, outside each separate sleeping area in the immediate vicinity, and on each additional level including attic and basement, and shall be	
interconnect per this code 24.3.5.2 Sprinkler system is required per NFPA I3D, CITY OF PORTLAND CODE CHIO - SPRINKLER NOT REQUIRED FOR	
EXISTING ONE AND TWO FAMILY BUILDINGS	

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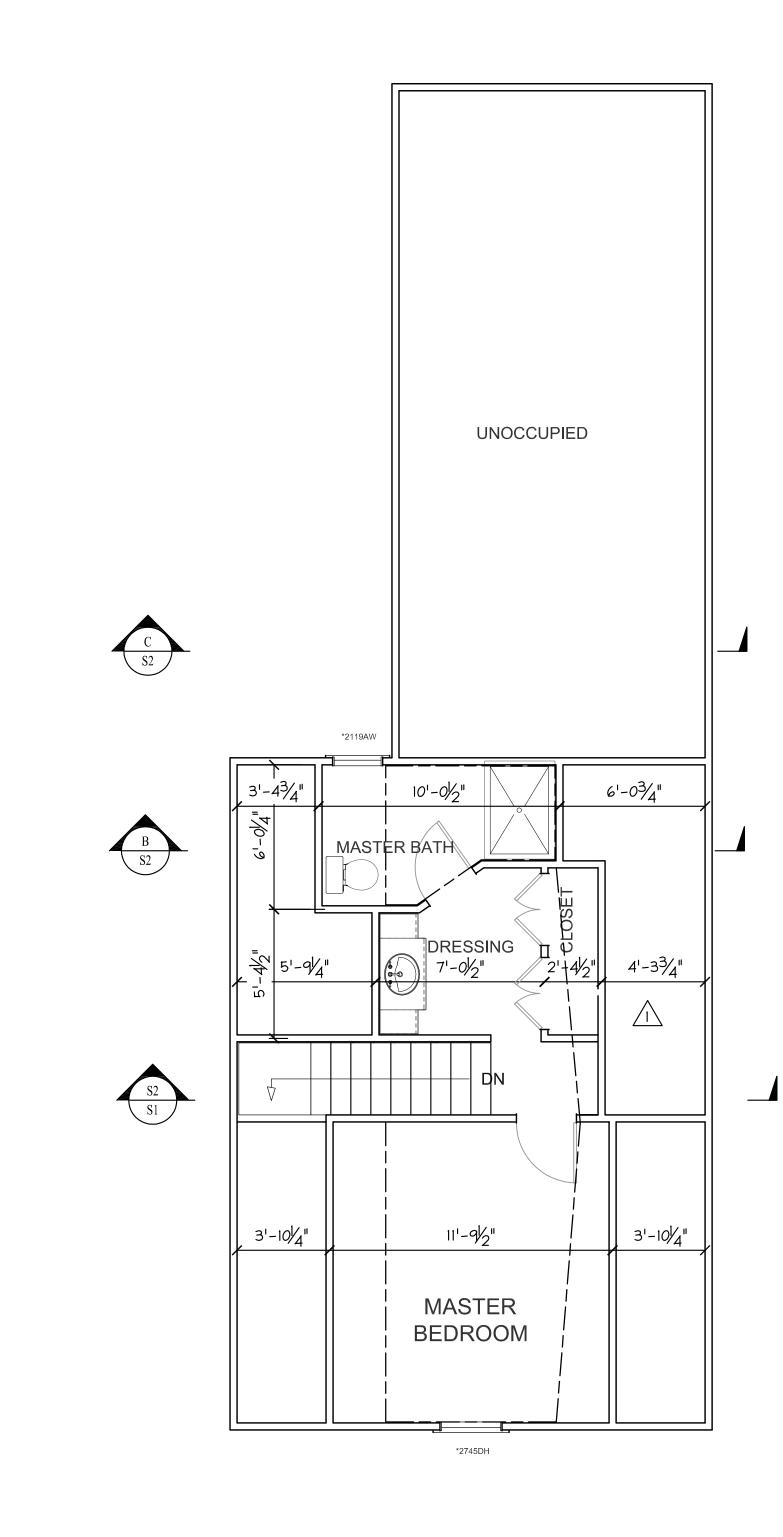






Existing Wall, Type A Ihr Rated UL#U305 New Wall, Type B Existing Wall to Remain

 $\frac{\text{FIRST FLOOR PLAN}}{\text{Scale: 1/4"} = 1'-0"}$ 

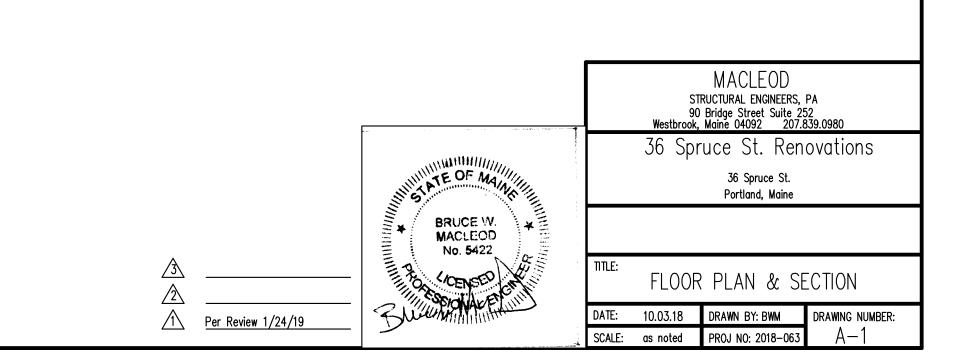


 $\frac{\text{SECOND FLOOR PLAN}}{\text{Scale: 1/4"} = 1'-0"}$ 

THIRD FLOOR PLAN Scale: 1/4" = 1'-0"



ISSUED 02/14/2019





02/19/2019

Paint: Sherwin Williams Woodscapes White Solid

-New Replacement

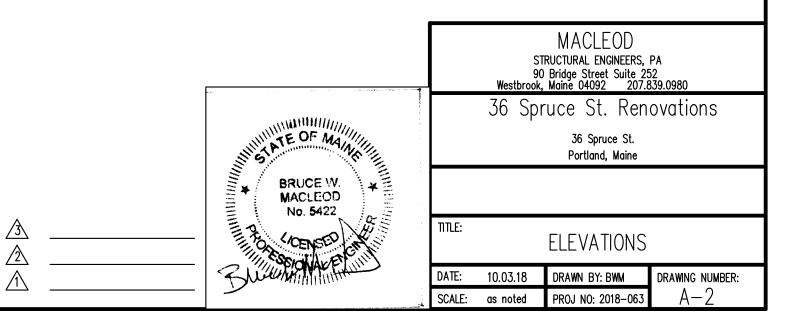
Re-construct Front Steps: Painted White, Treads to be Stained wood, 6" Newel Posts w/ Pyramid Tops, Shaped Railings @ 36"ht Stairs and Landing to be

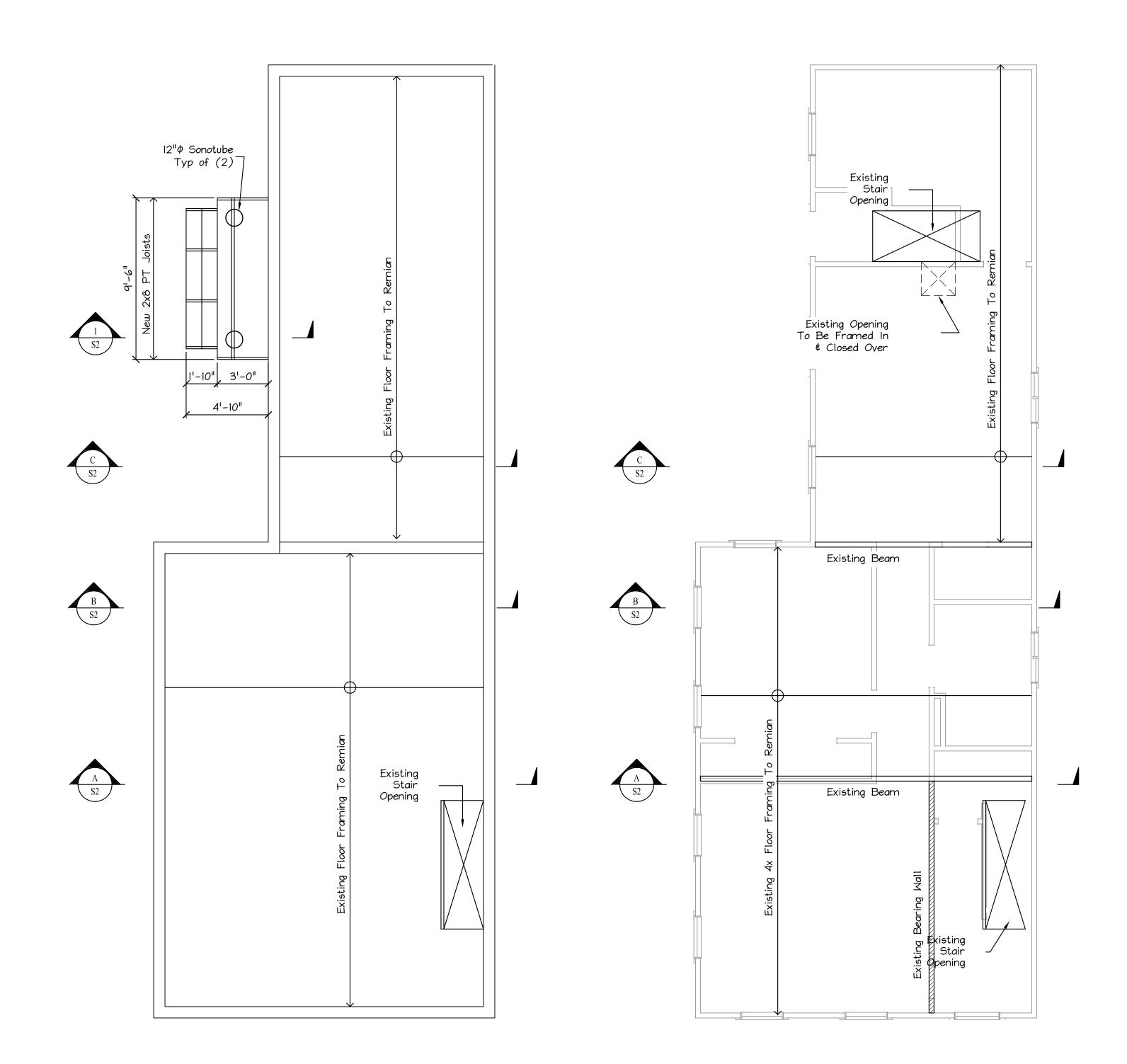
Fence Not

Shown for

Clarity

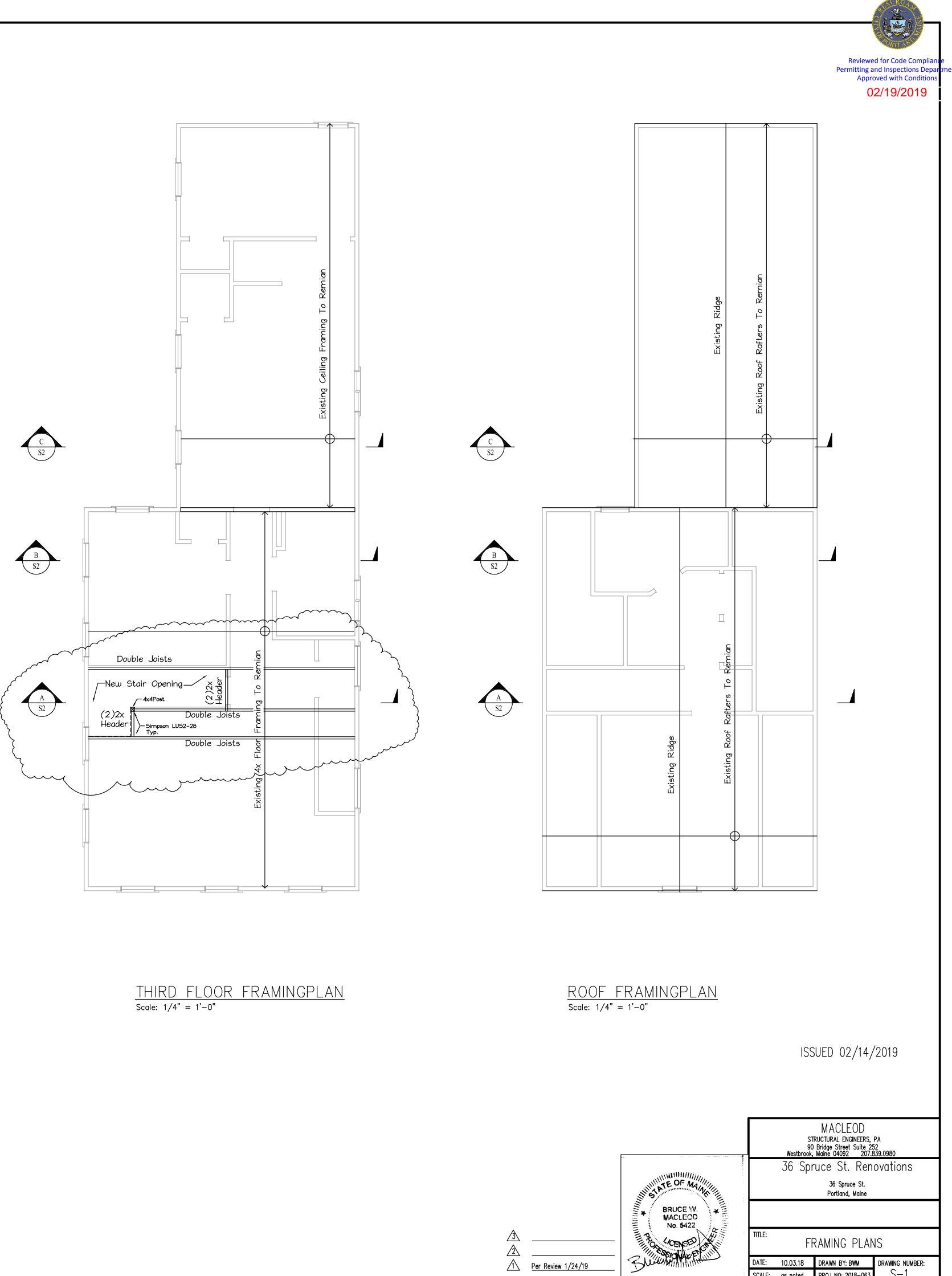
ISSUED 01/24/2019





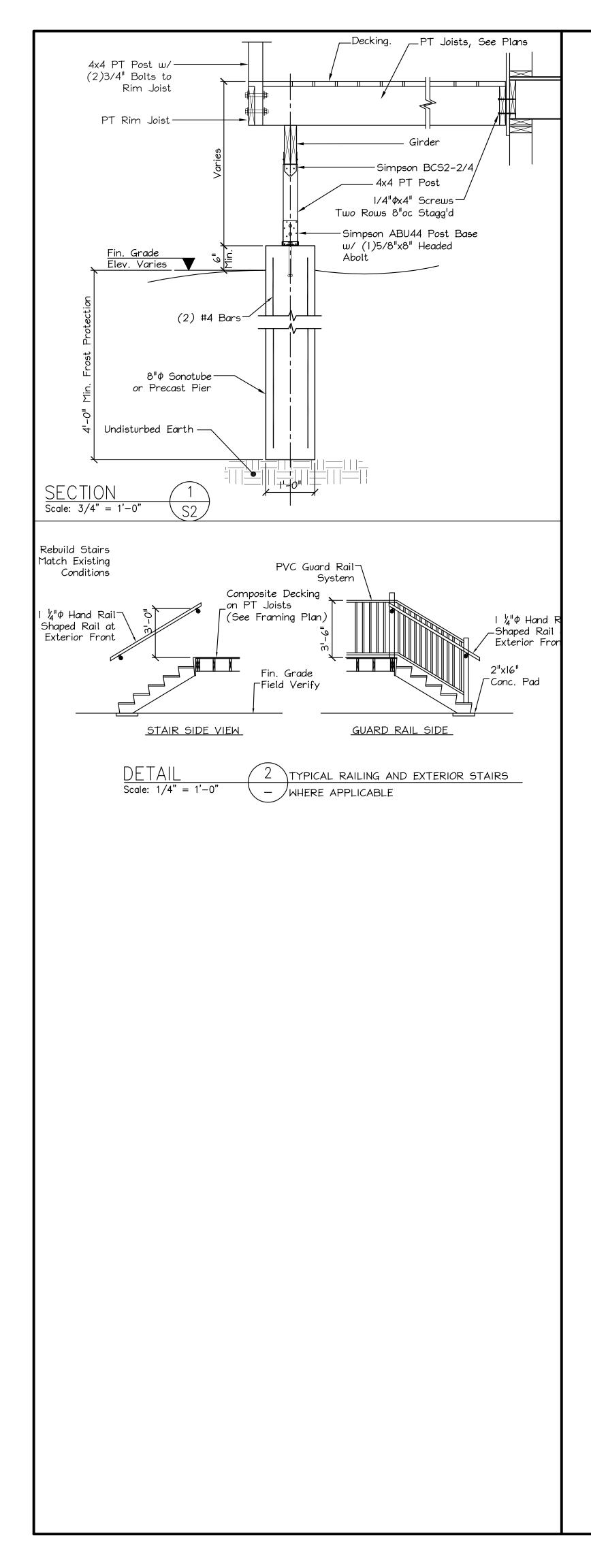
<u>FIRST FLOOR FRAMING PLAN</u> Scale: 1/4" = 1'-0"

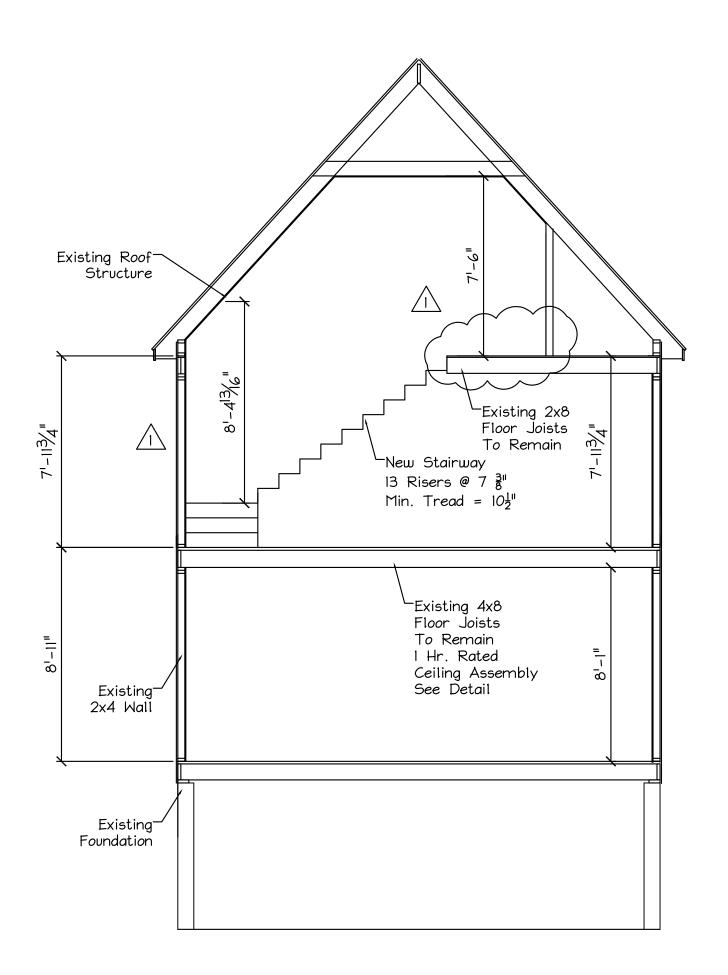
<u>SECOND FLOOR FRAMING PLAN</u> Scale: 1/4" = 1'-0"

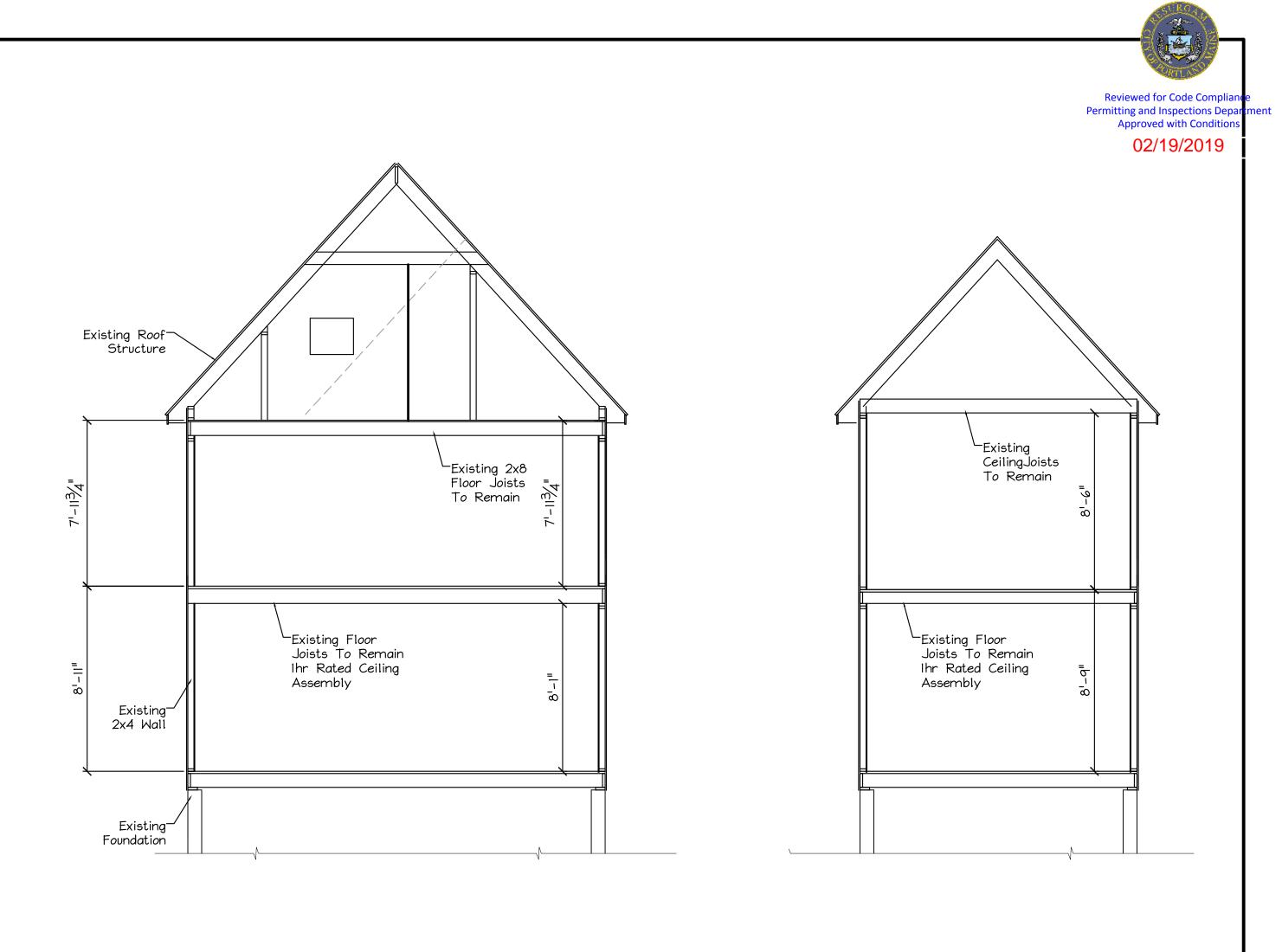


DATE: 10.03.18 DRAWN BY: BWM DRAWING NUMBER: SCALE: as noted PROJ NO: 2018-063 S-1

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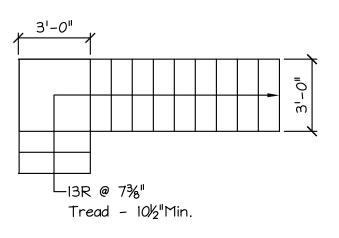






<u>CROSS SECTION A</u> Scale: 1/4" = 1'-0"

<u>CROSS SECTION B</u> Scale: 1/4" = 1'-0"



NEW STAIR PLAN Scale: 1/4" = 1'-0"

<u>CROSS SECTION C</u> Scale: 1/4" = 1'-0"

ISSUED 02/14/2019

