

PROJECT DIRECTORY

OWNER:

TIM GEBHARDT

DESIGN PROFESSIONAL:

MACLEOD STRUCTURAL ENGINEERS, PA  
90 BRIDGE STREET  
WESTBROOK, MAINE 04092  
TEL. 207-839-0980

GENERAL CONTRACTOR:

TBD

PROJECT DESCRIPTION:

THIS PROJECT CONSISTS OF -  
REBUILDING DECK UTILIZING EXISTING  
FOOTINGS. ADDITIONAL POSTS/FOOTINGS  
AS SHOWN

**STRUCTURAL DESIGN CRITERIA:**

1. Building Code: IBC 2015 International Building Code (Maine Building and Energy Code)

2. Design Loads: **Design Wind:** Ultimate Wind Speed = 120 mph  
Exposure Category "B"  
Risk Category = II

**Design Snow:** Ground Snow = 60  
Thermal Factor = 1.0  
Import. Factor = 1.0  
Exposure Factor = 1.0

3. Floor Live Load = 40psf  
4. Deck Live Load = 40psf

**NOTES:**

1. ALL WORK SHALL COMPLY WITH THE LOCAL BUILDING CODE. (MUBEC)

2. VERIFY ALL DIMENSIONS IN THE FIELD PRIOR COMMENCING WORK.

3. ALL JOIST & GIRDER MATERIAL SHALL BE SPF#2 OR BETTER

4. Reserved

5. PRESSURE TREATED LUMBER SHALL BE SYP NO.2 OR BETTER TREATED WITH WATERBORNE PRESERVATIVES PER ANPA STANDARD U1, COMMODITY SPEC. A, TO THE USE REQUIREMENTS OF USE CATEGORY 2 (UC2)

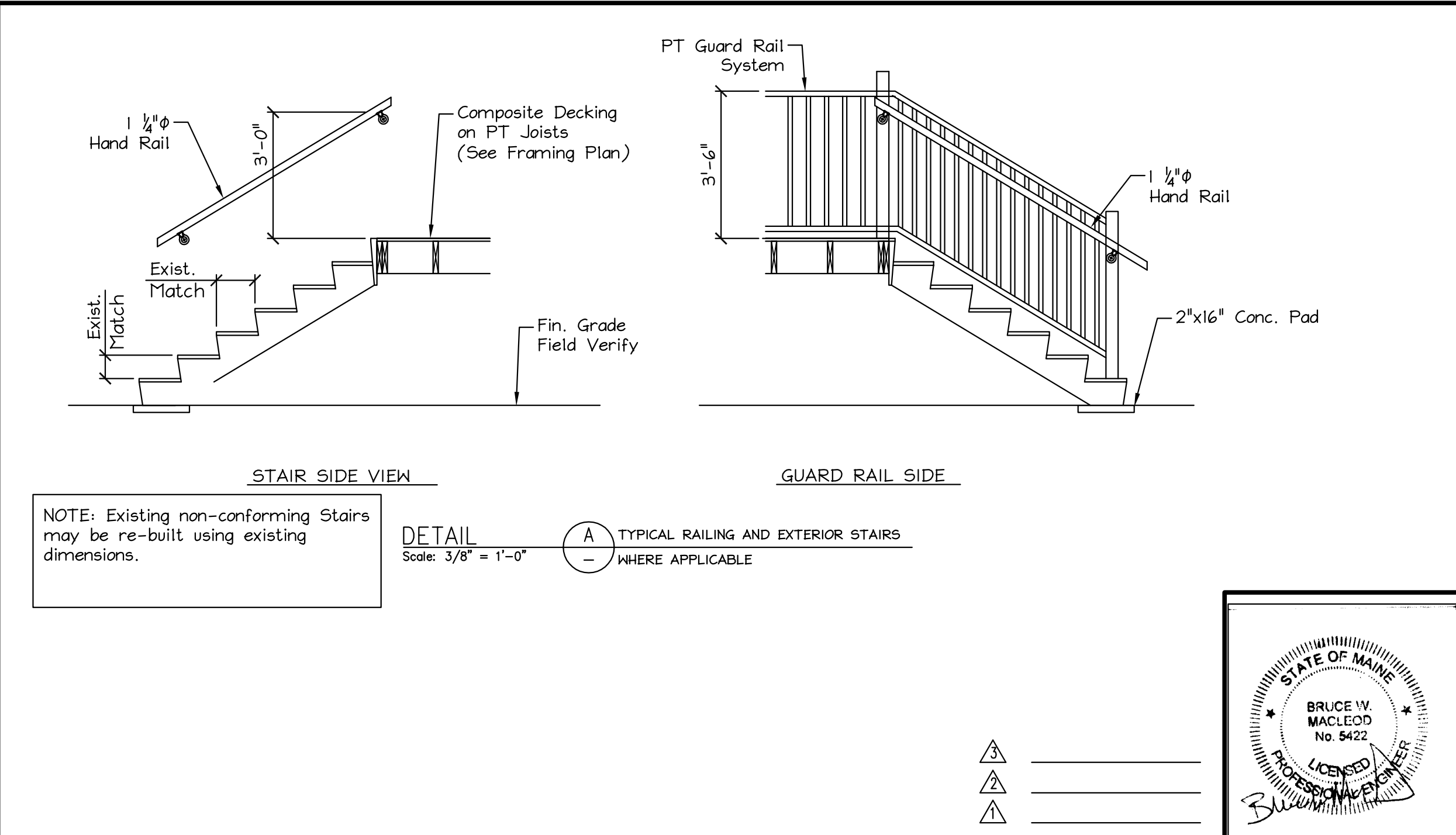
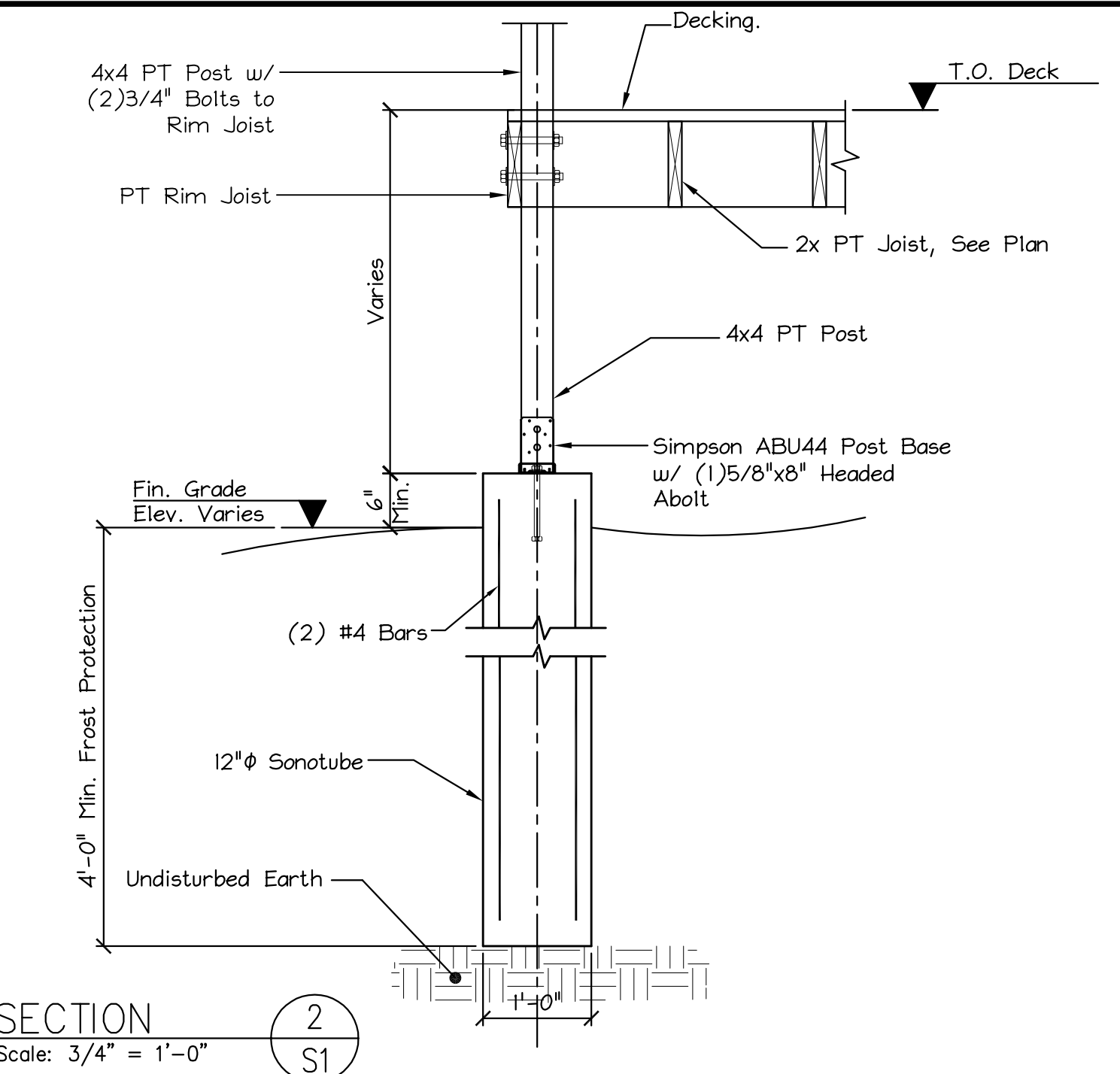
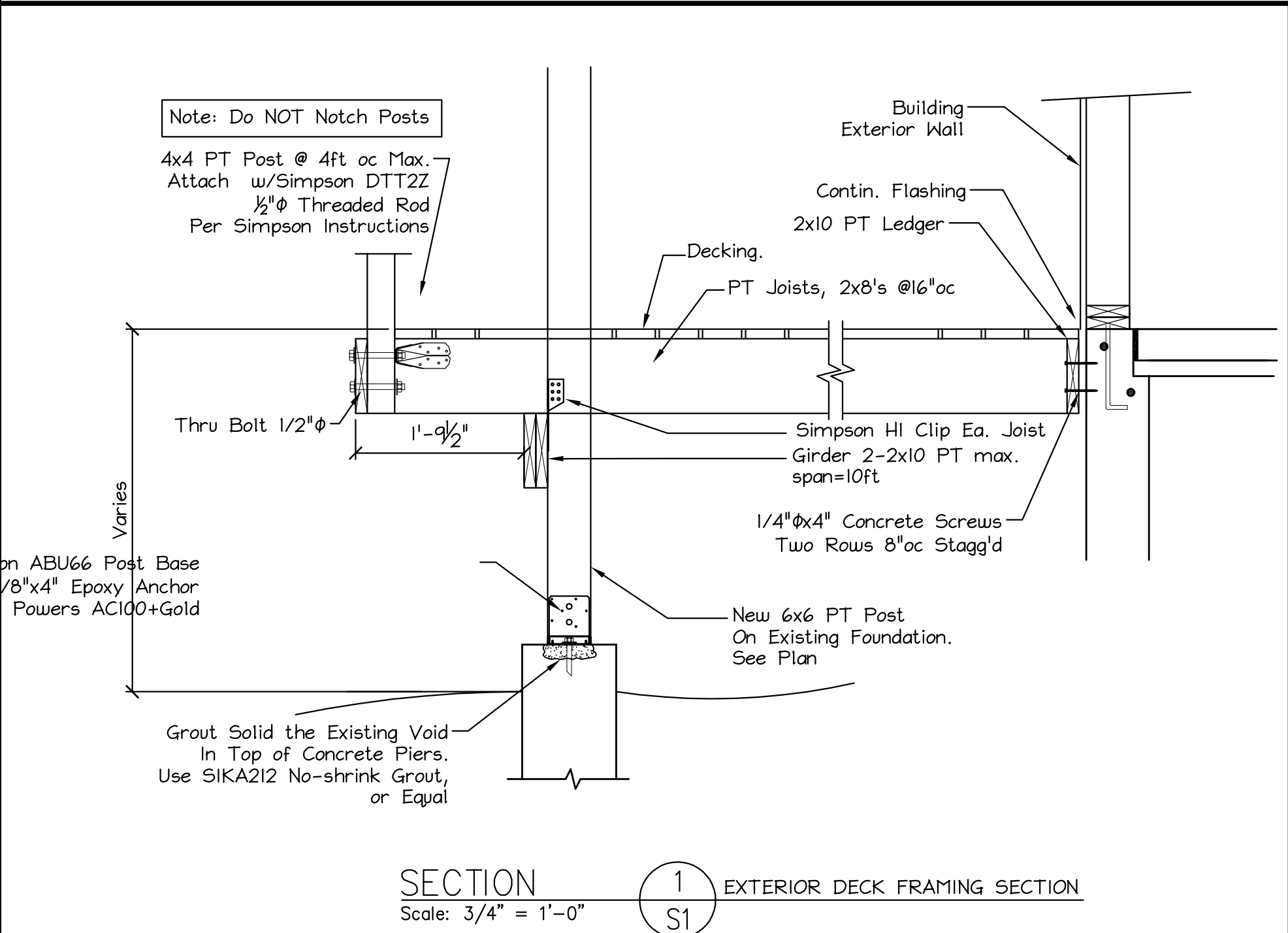
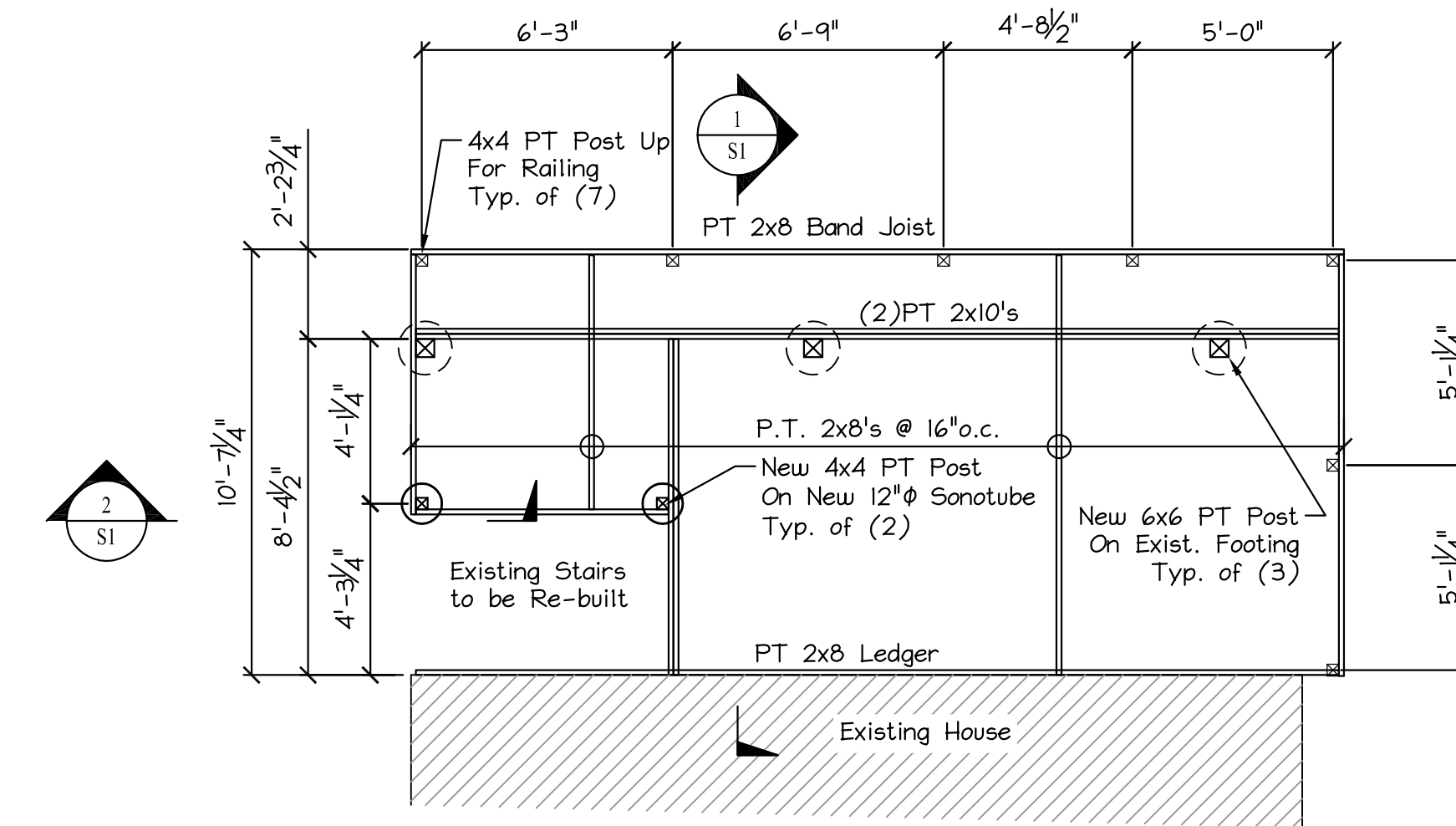
**WOOD FRAMING NOTES:**

- STRUCTURAL LUMBER:  
SPRUCE PINE FIR NO1/NO2 OR BETTER  
Fb = 875 PSI Fv = 125 PSI  
Fc = 1150 PSI E = 1400000 PSI
- MANUFACTURED LUMBER:  
BOISE CASCADE VERSA-LAM 2.0 3100  
Fb = 3100 PSI Fv = 285 PSI  
Fc = 3000 PSI E = 2000000 PSI
- DESIGN CODE:  
IBC 2015 / NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT-UP USING MULTIPLE 2x LUMBER.
- PROVIDE GALVANIZED METAL TIES EQUAL TO SIMPSON H2.5 HURRICANE TIES BETWEEN ROOF RAFTERS OR TRUSSES AND SUPPORTING WALL MEMBERS, UNLESS SHOWN OTHERWISE. PROVIDE GALVANIZED METAL CONNECTORS EQUAL TO SIMPSON TC26 TRUSS CONNECTOR BETWEEN ALL ROOF SCISSOR TRUSSES AND SUPPORTING WALL MEMBERS, UNLESS SHOWN OTHERWISE.
- PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.
- ALL NAILS, SPIKES, BOLTS ETC. FASTENING MEMBERS TO PRESSURE TREATED LUMBER SHALL BE EITHER STAINLESS STEEL OR HEAVY GALVANIZED.

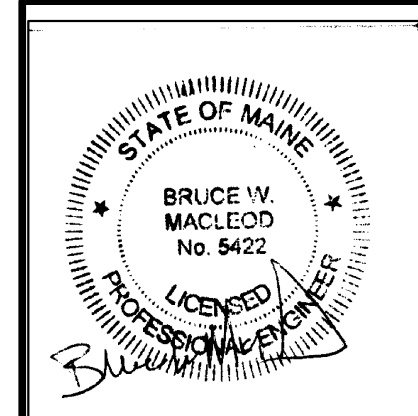
**GENERAL NOTES:**

- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE STRUCTURE AND PERSONNEL DURING ERECTION. THIS INCLUDES THE ADDITION OF THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
- ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
- IT IS THE OWNER'S SOLE RESPONSIBILITY TO EMPLOY ONE OR MORE SPECIAL INSPECTORS (IF REQUIRED) TO PROVIDE INSPECTIONS IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF IBC 2006.

20 Dow Street  
Portland, Maine



ISSUED FOR PERMIT ONLY  
NOT FOR CONSTRUCTION  
4/24/18



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**MACLEOD**  
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**Rebuilt Deck**  
20 Dow St.  
Portland, Maine

TITLE:

DATE: 04.23.18 DRAWN BY: BIM DRAWING NUMBER:  
SCALE: as noted PROJ. NO: 2018-018 S-1