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JOB 11-16 FD'N REPAIR, 146/148 SHERMAN ST.,  
PORTLAND, ME  
SHEET NO. 1 OF 5  
CALCULATED BY JFN DATE 10-1-13  
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
*FOR SCOPE* ROGER BUCK, HOME ST. PROP. LLC

### GENERAL NOTES

*GR General Notes  
Scope of Work*

#### GENERAL

Enclosures : Summit Report, dated 9/10/13, SGS #13157  
Property Survey by Nadeau Land Surveys

Drawings indicate general and typical details of construction. Where conditions are of similar character to details shown and although not specifically indicated, similar details shall be used subject to the approval of the engineer. In case of conflicting details and any construction, dimensions and/or elevations encountered in the field contrary to those shown on the drawings, the contractor shall notify the engineer prior to commencement of construction. Details, sections, notes, symbols, dimensions etc. are typical unless noted otherwise (UNO). Do not scale from drawings.

The design has been performed to the standard of care for this type of work in this area. However, this does not eliminate the probability that settlement of 19 Deering Ave foundation could occur due to a number of reasons such as: variable nature of soil, construction equipment vibrations, excavation methods etc.

The Contractor/Owner shall retain the services of Summit or a registered geotechnical professional engineer to review the contractor's excavation plan as indicated in Summit report, recommended guidelines, item 5.

Drawings represent a stable structure in the completed condition. The method and means in obtaining this condition is the responsibility of the contractor.

#### SCOPE OF WORK

Replace deteriorated rear foundation wall of 146 Sherman St up to and including bathrm. 1 with a reinforced concrete retaining wall. After excavation, the condition of the remaining exterior wall of bathrm. 2 will be evaluated as to whether it also needs replacement. Add Redi-Rock gravity wall in front of deteriorated exterior wall.

#### DESIGN CRITERIA

See Summit Report, conclusions, items 1 thru 3.

For Gravity wall: Coeff. of friction between gravel and conc. = 0.55

Factor of safety against overturning and sliding > 1.5

#### CONCRETE

Concrete work shall conform to ACI 318 and ACI 301-latest editions.

Minimum compressive strength @ 28 days shall be 3000 psi.

Concrete shall be air entrained and contain no chlorides. Concrete shall not be placed in water or on frozen ground and shall be protected from frost damage during construction.

Reinforcing bars: ASTM A-615, grade 60 deformed bars, placed in accordance with ACI 315. Lap bars 30 diameters UNO.

