



MASONRY NOTES:

1. ALL MASONRY MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ACI 530-95, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES."
2. HOLLOW LOAD BEARING CONCRETE BLOCK SHALL CONFORM TO ASTM C90, TYPE 1, NORMAL WEIGHT. BLOCK UNITS SHALL BE TWO CELL, 50% SOLID WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI.
3. SPECIFIED MASONRY DESIGN COMPRESSIVE STRENGTH, $f_m = 1500$ PSI.
4. MORTAR SHALL CONFORM TO ASTM C270, TYPE S. MINIMUM COMPRESSIVE STRENGTH SHALL BE 1800 PSI AT 28 DAYS.
5. GROUT SHALL CONFORM TO ASTM C476 WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
6. GROUT SOLID 3 CELLS MINIMUM BELOW LINTELS AND STEEL BEAMS BEARING ON MASONRY.

STRUCTURAL STEEL NOTES:

1. ALL STRUCTURAL STEEL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND THE "AISC CODE OF STANDARD PRACTICE."
2. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, LATEST EDITION. WELDING ELECTRODES SHALL BE E70XX.
3. ALL STRUCTURAL STEEL SHAPES AND PLATES SHALL CONFORM TO THE FOLLOWING:

W AND WT SHAPES	ASTM A992
S SHAPES, CHANNEL, ANGLE & PLATE	ASTM A36
HOLLOW STRUCTURAL SECTIONS	ASTM A500, GRADE B
4. HEADED SHEAR STUDS SHALL CONFORM TO ASTM A108, LOW CARBON STEEL AND SHALL BE FULL PENETRATION WELDED ACROSS THE BASE OF THE STUD. THE STUDS SHALL BE INSTALLED WITH A WELDING GUN APPROVED BY THE STUD MANUFACTURER.

MOHLIN & COMPANY
 CONSULTING ENGINEERS
 146 Main Street, Suite 300
 Saco, Maine 04092
 (207) 283-9151

Gawron Turgeon ARCHITECTS
 29 Black Point Road
 Scarborough, Maine 04074
 www.gawronturgeon.com
 207-883-6307 tel 207-883-0361 fax

SEVENTY-FIVE STATES STREET
 SOUTH HARBORSIDE THIRD FLOOR RENOVATIONS
 PORTLAND MAINE

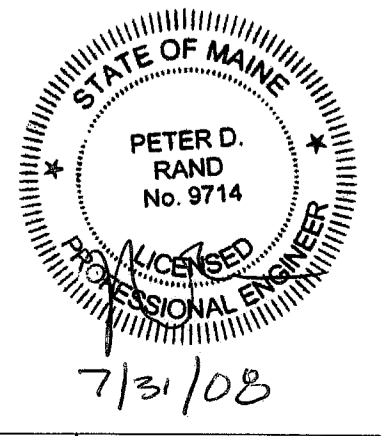
REVISIONS	
#	DATE DESCRIPTION
1	08-01-08 BUILDING PERMIT

DATE:	07.15.08
PROJECT #:	020108
DRAWN BY:	PDR
CHECKED BY:	
DRAWING SCALE:	AS NOTED

SHEET TITLE
 STRUCTURAL
 THIRD FLOOR
 RENOVATION PLAN

S100

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- THIRD FLOOR RENOVATION PLAN**
 SCALE: 3/16" = 1'-0"
1. COORDINATE SIZES AND LOCATIONS OF MODIFICATIONS WITH ARCHITECTURAL DRAWINGS
 2. NOTIFY ENGINEER IF STRUCTURE IS NOT AS SHOWN
 3. SEE DRAWING S-101 FOR DETAILS OF ALLOWABLE LOCATIONS OF FLOOR PLANK PENETRATIONS AND CONCRETE BEAM PENETRATIONS.
- EXISTING 8" CMU BEARING WALLS TO REMAIN
 - EXISTING 8" CMU BEARING WALLS TO BE REMOVED
 - NEW 8" CMU BEARING WALL
 - EXISTING 8"x12" CAST IN PLACE CONCRETE BEAM
 - EXISTING PRECAST CONCRETE PLANK SPAN DIRECTION