



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.

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SEVENTY-FIVE STATE STREET
 HARBORSIDE SOUTH FOURTH FLOOR RENOVATIONS
 PORTLAND MAINE

REVISIONS	
#	DESCRIPTION

DATE:	7/3/07
PROJECT #	010106
DRAWN BY:	PDR
CHECKED BY:	
DRAWING SCALE:	AS NOTED

SHEET TITLE
 STRUCTURAL
 FOURTH FLOOR
 RENOVATION PLAN

S100

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