SKETCH – NOT TO SCALE
PLAN, 1ST FLOOR, 37-39 WHARF STREET, PORTLAND, ME
ALL WORK TO BE PER MUBEC

REMOVE 3-WYTHE BRICK MASONRY WALL & REPLACE W/ 3 NEW COLUMNS

NEW COLUMNS TO BE A500 GRADE 46 HSS 6X4X1/2 OR TWO HSS 6X3X5/16 OR TWO HEM-FIR #2 12X12S

HSS COLS TO HAVE 12"X12"X1/2" TOP AND BOTTOM PLATES, A36, TACK WELDED. GROUT PLATE TO ASHLAR WALL BELOW.

NEW BEAM TO HAVE 4" MIN BEARING ON MASONRY AT ENDS.

LOAD ON BEAM:
24 PSF FACTORED SNOW LOAD
15 PSF DEAD LOAD
40 PSF LIVE LOAD } EACH, 4 FLOORS
15 PSF DEAD LOAD }

WALL IN BASEMENT BELOW REMOVED
WALL = ASHLAR, GROUTED, GOOD CONDITION

STATE OF MAINE
HELEN C. WATTS
No. 5261
LICENSED
PROFESSIONAL ENGINEER

PE
4/2/14

HELEN WATTS ENGINEERING PLLC
455 Litchfield Road, Bowdoin, ME 04287
207-522-9366
04/02/2014
Helen C. Watts, P.E.

STRUCTURAL MODIFICATIONS:
37-39 WHARF ST., PORTLAND, ME
TANNER HERGET, BONFIRE LLC
HWE P/N 14-007
SHEET 1 OF 2

Date: 04/30/14
Inspection Division
PORTLAND, MAINE