SECTION 1 / S2
3/4" = 1'-0"

- CONTINUOUS (2)2x8 RIPPED TO FIT TIGHT PLUS CONT. (2)7/16" THICK PLYWOOD SPACERS BOTH SIDES OF W8x67 STEEL BEAM AT SECTION 3/S2.
- CONTINUOUS (2)2x8 RIPPED TO FIT TIGHT PLUS ⅛" PLYWOOD SPACER ON BOTH SIDES OF W8x24 STEEL BEAM AT SECTION 2/S2.
- ~~CONTINUOUS 2x8 PLUS CONT. (2)⅛" THICK PLYWOOD SPACERS ON BOTH SIDES OF W8x18 STEEL BEAM AT SECTION 4/S2.~~
- BEAR ALL BLOCKING ON BOTTOM FLANGE AND FASTEN TO W8 W/(2) ROWS OF ½"ø A36 THRU BOLTS @ 3'-0" O.C. AS SHOWN (TYP.)

SECTION 2/S2 3/S2 4/S2
1 1/2" = 1'-0"

SECTION 6 / S2
1 1/2" = 1'-0"

PROVIDE BASE PLATE PL¾x(SHAPE) CENTERED ON WALL IN LIEU OF 4x4 PLATE. FASTEN TO CONCRETE SLAB W/(2)½"ø x 3½" EMBEDMENT HILTI KWIK BOLTS IN 9/16"ø HOLES AT 1½" FROM EACH END (TYP.). FASTEN 2x4 BOTTOM PLATE OF WALL TO STEEL PLATE W/0.177"ø P.A.F. @ 12" O.C. (TYP.)

BASE PLATE DETAIL A / S2
3/4" = 1'-0"

PROVIDE BASE PLATE PL¾x(SHAPE) CENTERED ON WALL IN LIEU OF 4x4 PLATE. FASTEN TO CONCRETE SLAB W/(2)½"ø x 3½" EMBEDMENT HILTI KWIK BOLTS IN 9/16"ø HOLES AT 1½" FROM EACH END (TYP.). FASTEN 2x4 BOTTOM PLATE OF WALL TO STEEL PLATE W/0.177"ø P.A.F. @ 12" O.C. (TYP.)

BASE PLATE DETAIL B / S2
3/4" = 1'-0"

PROVIDE BASE PLATE PL1½x(SHAPE) CENTERED ON WALL IN LIEU OF 4x4 PLATE. FASTEN TO CONCRETE SLAB W/(2)½"ø x 3½" EMBEDMENT HILTI KWIK BOLTS IN 9/16"ø HOLES AT 1½" FROM EACH END (TYP.). FASTEN 2x4 BOTTOM PLATE OF WALL TO STEEL PLATE W/0.177"ø P.A.F. @ 12" O.C. (TYP.)

BASE PLATE DETAIL C / S2
3/4" = 1'-0"

PROVIDE BASE PLATE PL1½x6x3'-6" CENTERED ON WALL IN LIEU OF 4x4 PLATE. FASTEN TO CONCRETE SLAB W/(2)½"ø x 3½" EMBEDMENT HILTI KWIK BOLTS IN 9/16"ø HOLES AT 1½" FROM EACH END (TYP.). FASTEN 2x4 BOTTOM PLATE OF WALL TO STEEL PLATE W/0.177"ø P.A.F. @ 12" O.C.. OWNER CONFIRM ACCEPTABLE FOR STEEL PLATE TO PROTRUDE APPROX. ¾" OUTSIDE OF FINISH WALL (CONFIRM) (TYP.)

BASE PLATE DETAIL D / S2
3/4" = 1'-0"

PROVIDE BASE PLATE PL¾x(SHAPE) CENTERED ON WALL IN LIEU OF 4x4 PLATE. FASTEN TO CONCRETE SLAB W/(2)½"ø x 3½" EMBEDMENT HILTI KWIK BOLTS IN 9/16"ø HOLES AT 1½" FROM EACH END (TYP.). FASTEN 2x4 BOTTOM PLATE OF WALL TO STEEL PLATE W/0.177"ø P.A.F. @ 12" O.C. (TYP.)

BASE PLATE DETAIL E / S2
3/4" = 1'-0"

SECTION 5 / S2
1/2" = 1'-0"

THESE DRAWINGS HAVE BEEN DEVELOPED BY L&L STRUCTURAL ENGINEERING SERVICES, INC. FOR THE TITLED SET ONLY. THE DRAWINGS ARE THE SOLE PROPERTY OF L&L ENGINEERING SERVICES, INC. AND THEY SHALL NOT BE USED, LENT, COPIED OR ALTERED WITHOUT THE WRITTEN CONSENT OF L&L STRUCTURAL ENGINEERING SERVICES, INC.

L & L STRUCTURAL
ENGINEERING SERVICES, INC.
SIX Q STREET
SOUTH PORTLAND, MAINE 04106
PHONE: (207) 767-4830
FAX: (207) 799-5432
EMAIL: JLEASURE@L-ENG.COM

STATE OF MAINE
JOSEPH H. LEASURE
No. 6242
LICENSED
PROFESSIONAL ENGINEER

Reviewed for Code Compliance
Inspection Division
Portland, Maine
Date: 11/15/16

rev.	date	description	appr'd
0	07/08/16	FOR CONSTRUCTION	JHL
1	07/13/16	GENERAL REVISIONS	JHL

designed by: JHL
drawn by: RJW
checked by: JHL
scale: AS NOTED
date: 07/08/2016
plot date: 07/13/2016
project #: 2016-120

BUILDING LOCATED AT
10 THOMPSON POINT ROAD
PORTLAND, MAINE

BUILDING RENOVATION – INTERIOR RETROFIT
FRAMING SECTIONS, AND DETAILS

S3