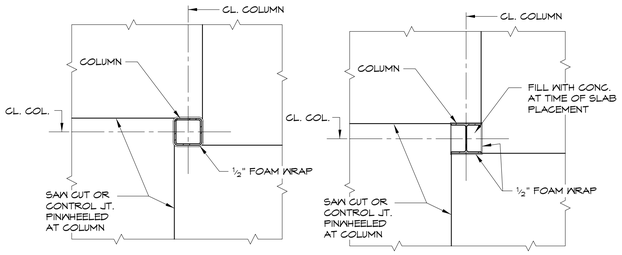
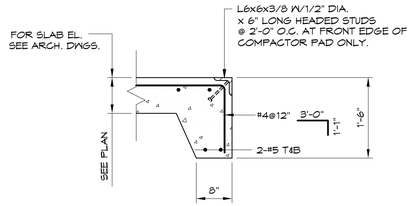


HSS COLUMN — W COLUMN

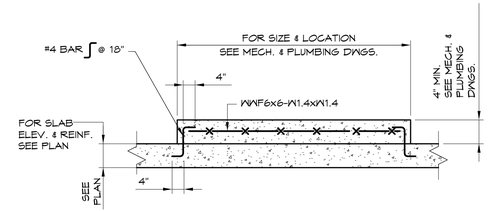
A ISOLATION JOINT DETAIL AT COLUMNS

1/2" = 1'-0"



B TYPICAL EXTERIOR PAD EDGE DETAIL

3/4" = 1'-0"



C TYPICAL MECHANICAL EQUIPMENT PAD

1/2" = 1'-0"

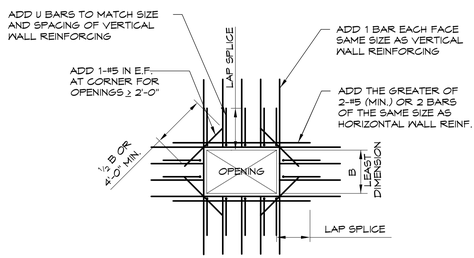
CONCRETE REINFORCING SPLICE SCHEDULE

BAR SIZE	"LAP SPLICES"	"TENSION LAP SPLICES"				"COMPRESSION" "LAP SPLICES"
	ALL CONCRETE	f'c'=3000		f'c'=4000		
		TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	ALL CONCRETE
3	14"	28"	21"	24"	19"	12"
4	18"	37"	29"	32"	25"	15"
5	23"	46"	36"	40"	31"	19"
6	27"	56"	43"	48"	37"	23"
7	32"	81"	63"	70"	53"	27"
8	36"	93"	72"	79"	61"	30"
9	41"	105"	81"	90"	69"	34"
10	46"	118"	91"	101"	78"	39"
11	50"	131"	101"	112"	86"	43"

NOTES:
1. ALL SPLICES TO BE "LAP SPLICES" UNLESS NOTED OTHERWISE IN SECTIONS.
2. TENSION AND COMPRESSION LAP SPLICE WILL BE INDICATED ON PLANS AND SECTIONS.
3. A TOP BAR IS A HORIZONTAL WITH AT LEAST 12" OF FRESH CONCRETE BELOW.

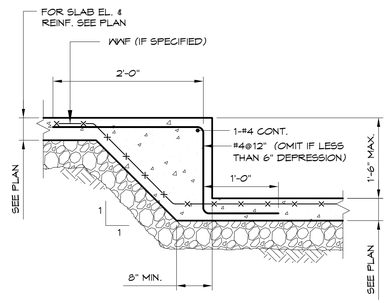
D

1/8" = 1'-0"



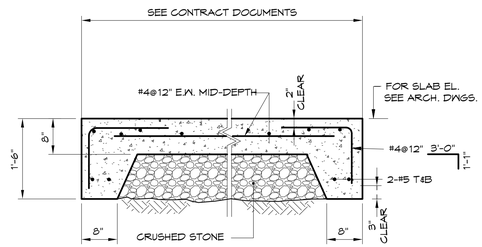
E TYPICAL CONCRETE GRADE BEAM OPENING

1/4" = 1'-0"



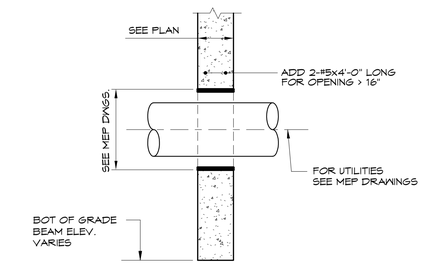
F DEPRESSION AT SLAB ON GRADE

3/4" = 1'-0"



G TYPICAL EXTERIOR COMPACTOR PAD DETAIL

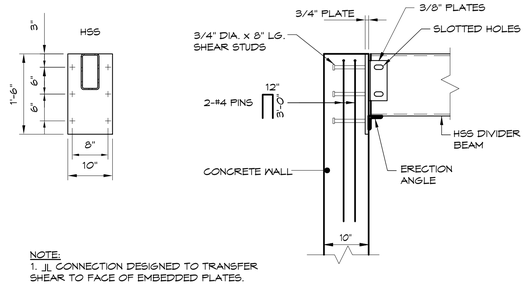
3/4" = 1'-0"



NOTE: STEP GRADE BEAM DOWN AS REQUIRED TO ACCOMMODATE UTILITY SLEEVE ELEVATION.

H TYPICAL UTILITY SLEEVE

3/4" = 1'-0"



NOTE:
1. JL CONNECTION DESIGNED TO TRANSFER SHEAR TO FACE OF EMBEDDED PLATES.

J TYPICAL PLATE INSERT FOR STEEL CONNECTIONS DETAIL

3/4" = 1'-0"

STATE OF MAINE — RIMANTAS M. VEITAS No. 9477 — LICENSED PROFESSIONAL ENGINEER

Date: 10/27/17

Reviewed for Code Compliance Inspection Division Portland, Maine

Prepared For: 0 Hancock Street LLC

Consulting Engineer: VEITAS pllc VEITAS engineers, 901 Granite Street, Suite 101, Braintree, Massachusetts 02184, TEL: 781-843-2800 FAX: 781-849-2003

Architect: ARCHETYPE architects, 48 Union Wharf Portland, Maine 04101, (207) 772-6022 Fax (207) 772-4056

Project: 0 HANCOCK STREET — 0 HANCOCK STREET, PORTLAND, MAINE

Revisions:
08-11-17 Issued for Foundation Permit
08-31-17 Permit Set
09-15-17 Steel Bid Set
09-22-17 Pile Bid Set
09-29-17 Concrete Bid Set
10-06-17 Issued for Permit

Scale:

Date: 08/11/17

Typical Details

S202