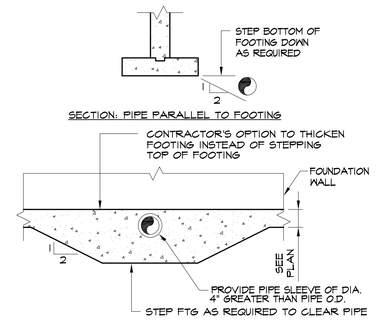
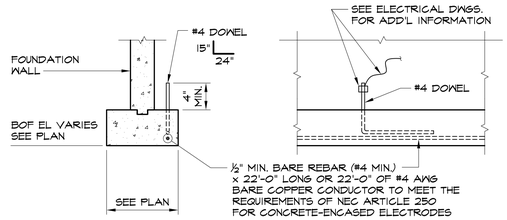


ALTERNATE FOOTING DETAILS AT PIPES

CONCRETE REINFORCING SPLICE SCHEDULE

BAR SIZE	"LAP SPLICES" ALL CONCRETE	"TENSION LAP SPLICES" f'c=3000 TOP BARS	f'c=3000 OTHER BARS	f'c=4000 TOP BARS	f'c=4000 OTHER BARS	"COMPRESSION" "LAP SPLICES" 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"

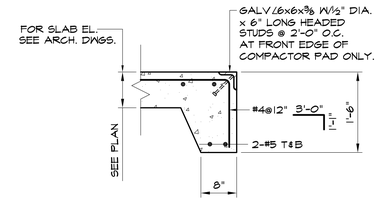
NOTES:
1. ALL SPLICES TO BE "LAP SPLICES" UNLESS NOTED OTHERWISE IN SECTIONS.
2. TENSION AND COMPRESSION LAP SPLICE WILL BE INDICATED ON PLANS AND SECTIONS.
3. A TOP BAR IS A HORIZONTAL WITH AT LEAST 12" OF FRESH CONCRETE BELOW.
4. EPOXY-COATED REINFORCING SPLICES SHALL BE INCREASED ACCORDING TO ACI318.



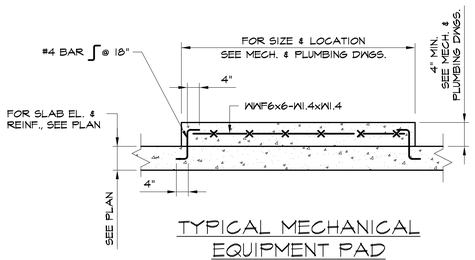
SECTION ELEVATION A-A

NOTE:
ONE (1) LOCATION MINIMUM REQUIRED PER BUILDING, SEE ELECTRICAL DRAWINGS. COORDINATE WITH GENERAL CONTRACTOR FOR LOCATION OF REBAR CONNECTION AND TO PROVIDE ACCESS TO THE REBAR CONNECTION UNTIL ELECTRICAL INSTALLATION AND INSPECTION ARE COMPLETE.

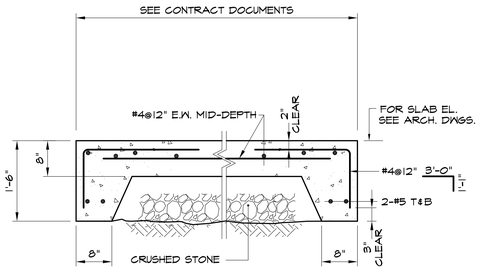
CONCRETE ENCASED ELECTRODE



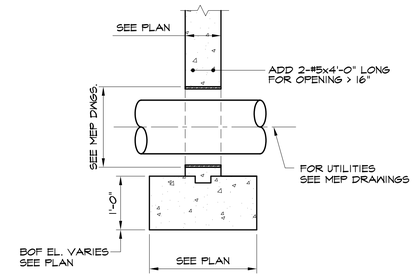
TYPICAL EXTERIOR PAD EDGE DETAIL



TYPICAL MECHANICAL EQUIPMENT PAD

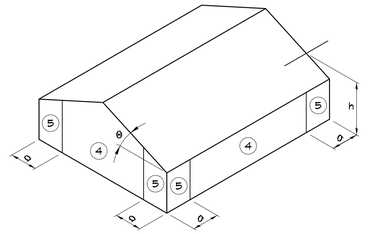


TYPICAL EXTERIOR COMPACTOR PAD DETAIL



TYPICAL UTILITY SLEEVE

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

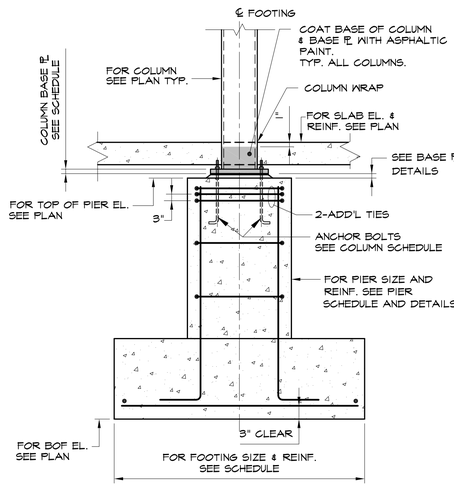


WIND SPEED = 100 mph		
ZONE PER FIGURE	EFFECTIVE WIND AREA[a] (ft²)	PRESSURE (PSF)
4	10	18.0 -19.5
4	20	17.2 -18.7
4	50	16.1 -17.6
4	100	15.3 -16.8
5	10	18.0 -24.1
5	20	17.2 -22.5
5	50	16.1 -20.3
5	100	15.3 -18.7

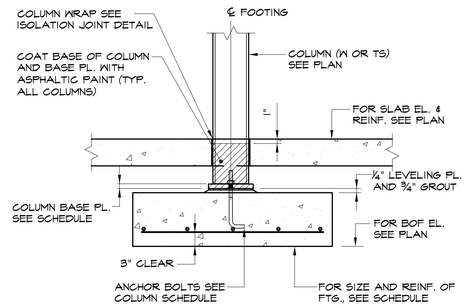
COMPONENT & CLADDING LOADS AT WALL

NOTES:

a: 10 PERCENT OF LEAST HORIZONTAL DIMENSION OR 0.4h, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3 FT (0.9m).
h: MEAN ROOF HEIGHT, IN FEET (METERS), EXCEPT THAT EAVE HEIGHT SHALL BE USED FOR ROOF ANGLES < 10°.
θ: ANGLE OF PLANE OF ROOF FROM HORIZONTAL, IN DEGREES.



INTERIOR FOOTING WITH COLUMN PIER DETAIL

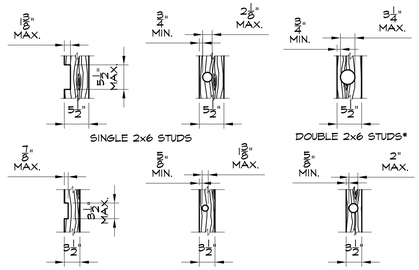


INTERIOR COLUMN FOOTING DETAIL

LOOSE LINTEL SCHEDULE

OPENING	LINTEL	BEARING EACH END	REMARKS
3'-6" OR LESS	L3½x3½x¼	4"	---
OVER 3'-6" THRU 5'-6"	L4x3½x¼	6"	LLV
OVER 5'-6" THRU 7'-6"	L6x3½x¼	6"	LLV
OVER 7'-6" THRU 9'-6"	L6x3½x⅜	6"	LLV

NOTES:
1. WHERE ANGLE LINTELS ARE REQUIRED, PROVIDE ONE ANGLE FOR EACH 4" OR LESS THICKNESS OF MASONRY.
2. FOR OPENINGS OVER 6'-0", PROVIDE SOLID MASONRY JAMB UNDER LINTEL AT EACH SIDE OF OPENING.
3. LINTELS INDICATED ON PLAN SUPERSEDE THE REQUIREMENTS OF THIS SCHEDULE.
4. ALL EXTERIOR LINTELS SHALL BE HOT DIPPED GALVANIZED.
5. ALL OTHER LINTELS SHALL BE PRIME PAINTED.



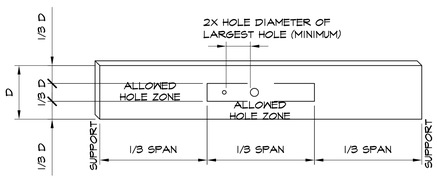
2009 INTERNATIONAL BUILDING CODE

SECTION 2308.9.10 CUTTING AND NOTCHING
IN EXTERIOR WALLS AND BEARING PARTITIONS, ANY WOOD STUD IS PERMITTED TO BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25 PERCENT OF ITS WIDTH. CUTTING OR NOTCHING STUDS TO A DEPTH NOT GREATER THAT 40 PERCENT OF THE WIDTH OF THE STUD IS PERMITTED IN NONBEARING PARTITIONS SUPPORTING NO LOADS OTHER THAN THE WEIGHT OF THE PARTITION.

*SECTION 2308.9.11 BORED HOLES
A HOLE NOT GREATER IN DIAMETER THAN 40 PERCENT OF THE STUD WIDTH IS PERMITTED TO BE BORED IN ANY WOOD STUD. BORED HOLES NOT GREATER THAN 60 PERCENT OF THE WIDTH OF THE STUD ARE PERMITTED IN NON-BEARING PARTITIONS OR IN ANY WALL WHERE EACH BORED STUD IS DOUBLED, PROVIDED NOT MORE THAN TWO SUCH SUCCESSIVE DOUBLED STUDS ARE SO BORED.

-IN NO CASE SHALL THE EDGE OF THE BORED HOLE BE NEARER THAN ⅝ INCH TO THE EDGE OF THE STUD.
-BORED HOLES SHALL NOT BE LOCATED AT THE SAME SECTION OF STUD AS A CUT OR NOTCH

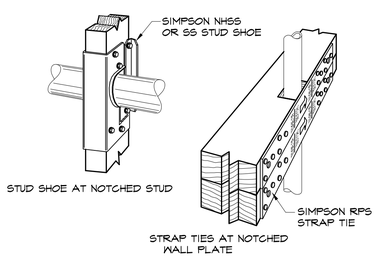
ALLOWABLE HOLES IN WOOD STUDS



BEAM DEPTH	MAX. ROUND HOLE SIZE
5½"	1¾"
7¼" TO 18"	2"

GENERAL NOTES:
1. DIAGRAM IS FOR UNIFORMLY LOADED BEAM ONLY.
2. RECTANGULAR HOLES ARE NOT ALLOWED.

ALLOWABLE HOLES IN WOOD BEAMS



TYP. REINFORCING DETAILS NOTCHES & BORINGS BEYOND ALLOWABLE

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Project: 185 FORE STREET — 185 Fore Street, Portland Maine

Revisions: 1 05-22-2015 BID SET

Scale:

Date: 16 JUNE, 2014

TYPICAL DETAILS

S2.02