

### COLUMN SCHEDULE

COL	MATERIAL	SIZE	BASEPLATE
C1	SPF #1#2 OR BETTER DFL #2	(2) 2x6	
C2	SPF #1#2 OR BETTER DFL #1	(3) 2x6	
C3	SPF #1#2 OR BETTER DFL #1	6x6	
C4	ASTM A500	3-1/2x3-1/2x1/4"	9-1/2"x0'-91/2"x3/4"
C5	ASTM A500	4x4x1/4"	10"x0'-10"x3/4"
C6	ASTM A500	4x4x5/16"	10"x0'-10"x3/4"
C7	ASTM A500	4x4x3/8"	10"x0'-10"x3/4"
C8	ASTM A500	5x5x3/8"	11"x0'-11"x3/4"
C9	ASTM A500	5x5x1/4"	11"x0'-11"x3/4"
C10	ASTM A500	6x6x5/16"	12"x12"x3/4"
C11	SPF #1#2 OR BETTER DFL #2	(4) 2x4	
C12	ASTM A500	8x8x1/4"	14"x14"x3/4"

### COLUMN PAD SCHEDULE

PADS	WIDTH x LENGTH x THICKNESS	REINFORCEMENT
P-1	24" x 24" x 12"	(4) #4 BARS E.W.
P-2	30" x 30" x 12"	(4) #4 BARS E.W.
P-3	36" x 36" x 12"	(5) #4 BARS E.W.
P-4	42" x 42" x 12"	(6) #4 BARS E.W.
P-5	48" x 48" x 12"	(9) #4 BARS E.W.
P-6	54" x 54" x 14"	(11) #4 BARS E.W.
P-7	60" x 60" x 14"	(12) #4 BARS E.W.
P-8	66" x 66" x 14"	(15) #4 BARS E.W.
P-9	72" x 72" x 16"	(17) #4 BARS E.W.
P-10	78" x 78" x 16"	(18) #4 BARS E.W.
P-11	84" x 84" x 16"	(18) #4 BARS E.W.
P-12	90" x 90" x 16"	(22) #4 BARS E.W.
P-13	94" x 94" x 16"	(24) #4 BARS E.W.

\* DEPTH OF EXTERIOR PADS PER FOUNDATION NOTE #6. TOP OF INTERIOR PADS TO START AT BOTTOM OF SLAB.

### FOOTING SCHEDULE

FOOTING TYPE	DETAIL REFER.	FOOTING W x D	REINFORCEMENT		
			FTG. LONG. REINF.	VERTICAL REINF.	TRANS. REINF.
F-1	NOT USED				
F-2	4/S2.2	18x12	(3) #4 BOT.	#4@48"o/c	
F-3*	6/S2.2	18x12	(3) #4 BOT.	#4@48"o/c	
F-4*	6/S2.2	18x12	(3) #4 BOT.	#4@48"o/c	
F-5*	6/S2.2	18x12	(3) #4 BOT.	#4@48"o/c	
F-6	18/S2.2	18x12	(3) #4 BOT.	#4@48"o/c	

\*HOLDOWN PAD SIZE AND LOCATION PER FNDN. PLAN. REINFORCEMENT PER HOLDOWN SCHEDULE.  
 \*HOLDOWN PAD IS AT BOTTOM OF FOOTING DEPTH UNLESS HOLDOWN PAD IS GREATER THAN FROST DEPTH.

### ZONE 4 HOLDOWN SCHEDULE

OC	THIRD FLOOR	SECOND FLOOR	FIRST FLOOR	A307 BOLT DIA. (LNG)	EMBED. DEPTH	CONC. PAD (WxWxD)
11A			3610	3/4"	10-1/2"	NO PAD
11			9000	3/4"	10-1/2"	54x54x24 W/1#5 E.W
13			17082	1"	15-1/2"	36x36x24 W/1#4 E.W TOP & BTM.
21		6100	6100	5/8"	10-1/2"	42x42x18 W/8#4 E.W
23		12000	17500	1-1/8"	13-1/2"	102x102x24 W/9#5 E.W TOP & BTM.
31	6100	6100	6100	5/8"	10-1/2"	42x42x18 W/8#4 E.W
33	6000	12000	17500	1-1/8"	13-1/2"	102x102x24 W/9#5 E.W TOP & BTM.
35	12000	20000	21875	1-1/4"	16-7/8"	108x108x30 W/11#6 E.W TOP & BTM.

\*HOLDOWN NOTES EMBEDMENT DEPTHS ARE CALCULATED FOR THE SIMPSON SET-UP EPOXY SYSTEM. ALL OTHER EPOXY SYSTEMS SHALL BE APPROVED BY THE ARCHITECT OR ENGINEER BEFORE INSTALLATION.

-ARCHITECT TO RECEIVE WRITTEN CONFIRMATION THAT HOLDOWNS ARE INSTALLED PER THE MANUFACTURERS' RECOMMENDATIONS.  
 -EMBEDMENT DEPTH IS REQUIRED DEPTH MEASURED FROM TOP OF CONCRETE PAD. (EXCLUDE SLAB AND STEMWALL DEPTH).  
 -CONCRETE PAD DIMENSIONS SHALL ACHIEVE 100% STRENGTH WITHOUT USING EDGE REDUCTION FACTORS TO ACHIEVE DESIGN UPLIFT. (TENSILE) RESISTANCE OF EMBEDDED ANCHOR BOLTS.  
 -ALL HOLES DRILLED IN OR THROUGH WOOD MEMBERS FOR HOLDOWN RODS AND ANCHOR BOLTS TO BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/8" LARGER THAN THE BOLT OR ROD DIAMETER.  
 -IF HOLDOWN FOOTING SIZE IS LARGER THAN COLUMN PAD USE HOLDOWN SCHEDULE FOOTING.  
 \* - A193 GR B7 BOLT REQUIRED.  
 NOTE: SEE ANCHOR BOLT LAYOUT ON SHEET S2.7b FOR INSTALLATION INFORMATION.

### FOUNDATION NOTES

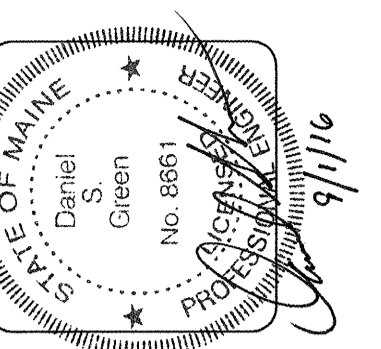
- BOTTOM PLATE ANCHORS: EXTERIOR SHEARWALL - REFER TO SHEARWALL SCHEDULE EXTERIOR NON-SHEARWALL - 1/2"x2x10" ANCHOR BOLTS @ 48" o.c. AND 6" FROM ENDS AND PLATE SPLICES. INTERIOR SHEARWALL - REFER TO SHEARWALL SCHEDULE INTERIOR NON-SHEARWALL - "HITI" DS72538 @ 48" o.c. AND 6" FROM ENDS.
- 28 DAY CONCRETE STRENGTH = 3,000 PSI MIN.
- SOIL BEARING CAPACITY PER SOILS REPORT  
SPREAD FOOTINGS = 4,000 PSF.  
SQUARE FOOTINGS = 4,000 PSF.
- DIMENSIONS SHOWN ARE: EXTERIOR WALLS = OUTSIDE EDGE OF STEM WALL  
INTERIOR WALLS = CENTER OF THICKENED SLAB FREE STANDING COLUMNS = CENTER OF COLUMN
- FINISHED FLOOR ELEVATION PER CIVIL GRADING PLANS
- MINIMUM FOUNDATION DEPTH 54" BELOW FINISH GRADE.
- VERIFY ELEV. PIT REQ'TS. W/ MANUF. (DIM. SHOWN TO INSIDE FACE.)
- FINISH GRADE (F.G.) TO BE 6" BELOW FINISH FLOOR (F.F.) ELEVATION.

EXTRACT FROM SOILS REPORT PREPARED BY:  
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 DATE: JANUARY 16, 2015

#### STRUCTURAL LEGEND:

	DETAIL REFERENCE		SHEARWALL ON WALL SHOWN SHEAR PANEL ON DASHED SIDE		2x6 AT 16" O.C. BEARING WALL U.N.O.
	STRUCT. NOTE		HOLD DOWN REF. SYSTEM REFERENCE (SEE S2.7a & S2.7b) SEE DETAILS 10, 17/S2.2 FOR FTG		2x10 AT 24" O.C. BEARING WALL
	HEAT PUMP UNIT		FIRE WALL/FIRE BARRIER		HALF HIGH WALL PER PLAN
	WOOD COLUMN DESIGNATION		HOLD DOWN REFERENCE (SEE 1/S2.4)		R = RAFTERS
	TUBE STEEL COLUMN DESIGNATION		WB - STARTS AT WOOD BEAM		J = FLOOR JOISTS
	C2 COLUMN REF		FRAMING DIRECTION		CJ = CEILING JOISTS
	P1 COLUMN PAD TAG		EXTENT OF FRAMING		SINGLE JOIST / TRUSS
	F-1 FOOTING TAG		DBL. JOIST / VLY. TRUSS HHP		TRUSS / GIRDER TRUSS

- #### STRUCTURAL FOUNDATION NOTES
- ALL ROLL-IN SHOWERS TO BE RECESSED PER DETAIL 20/S2.2
  - 4" CONCRETE SLAB W/ FIBEROUS REINFORCEMENT 1-1/2lb. PER CUBIC YARD (SEE DETAIL 1 & 2/S2.2)
  - SLAB RECESSED 6" AT MECHANICAL ROOM AND FREEZER (VERIFY SIZE AND LOCATION W/ KIT. EQUIPMENT SUPPLIER)
  - HATCH INDICATES EXT. SLAB-ON-GRADE PATIO W/ EXP. JOINT FILLER BETWEEN BLDG. & SLAB. SLOPE SLABS AWAY FROM BLDG. PER ARCH. (TYP.) REMOVE EXP. JOINT FILLER AT DOOR THRESHOLDS AND REPLACE W/ FLEXIBLE FLASHING PEEL & STICK CONTROL JOINT LOCATION SHOWN DASHED
  - 4" CONCRETE SLAB W/ FIBEROUS REINFORCEMENT 1-1/2 lb. PER CUBIC YARD AND #4 REBAR @ 24" EACH WAY IN KITCHEN U.N.O.



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**WING 'C' FOUNDATION PLAN**

DATE: 8/28/2015  
 REVISED DATE:  
 9/22/2015  
 2/2/2016  
 7/18/2016

SHEET S1.3

**WING 'C' FOUNDATION PLAN**  
 SCALE: 1/8"=1'-0"