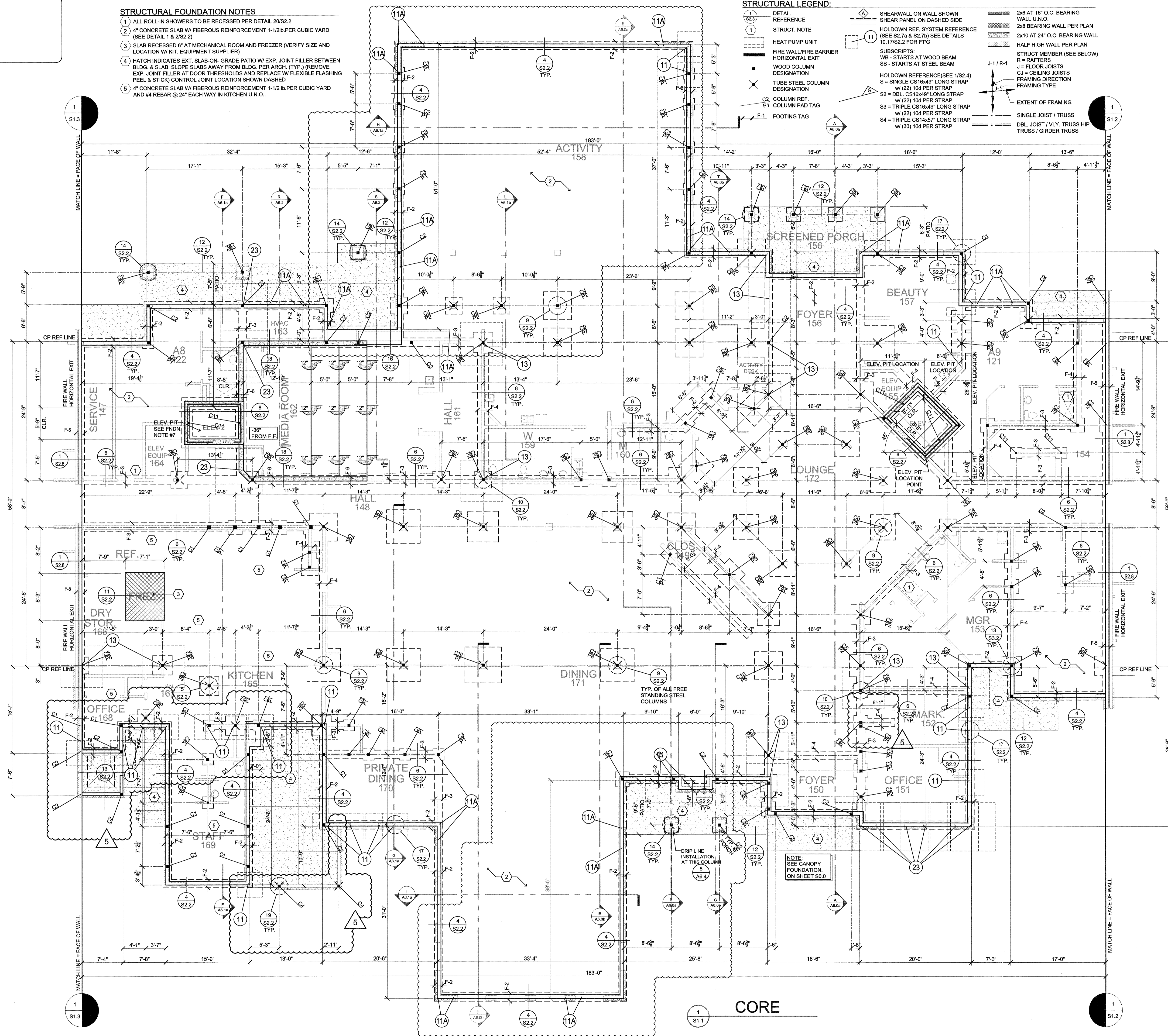


STRUCTURAL FOUNDATION NOTES

- 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.

STRUCTURAL LEGEND:

- DETAIL REFERENCE: S2.3
- STRUCT. NOTE: 1
- HEAT PUMP UNIT
- FIRE WALL/FIRE BARRIER HORIZONTAL EXIT
- WOOD COLUMN DESIGNATION
- TUBE STEEL COLUMN DESIGNATION
- C2 COLUMN REF. C1 COLUMN PAD TAG
- F-1 FOOTING TAG
- 2x6 AT 16" O.C. BEARING WALL U.N.O.
- 2x8 BEARING WALL PER PLAN
- 2x10 AT 24" O.C. BEARING WALL
- HALF HIGH WALL PER PLAN
- STRUCT MEMBER (SEE BELOW)
- J = FLOOR JOISTS
- R = RAFTERS
- CJ = GELING JOISTS
- FRAMING DIRECTION
- FRAMING TYPE
- EXTENT OF FRAMING
- SINGLE JOIST / TRUSS
- DBL. JOIST / VLY. TRUSS HIP TRUSS / GIRDER TRUSS
- SHEARWALL ON WALL SHOWN SHEAR PANEL ON DASHED SIDE
- HOLDOWN REF. SYSTEM REFERENCE (SEE S2.7a & S2.7b) SEE DETAILS 10,17/S2.2 FOR FT'G
- SUBSCRIPTS: WB - STARTS AT WOOD BEAM SB - STARTS AT STEEL BEAM
- HOLDOWN REFERENCE(SEE 1/S2.4)
- S = SINGLE CS16x49" LONG STRAP w/ (22) 10d PER STRAP
- S2 = DBL. CS16x49" LONG STRAP w/ (22) 10d PER STRAP
- S3 = TRIPLE CS16x49" LONG STRAP w/ (22) 10d PER STRAP
- S4 = TRIPLE CS14x57" LONG STRAP w/ (30) 10d PER STRAP



COLUMN SCHEDULE

COL	MATERIAL	SIZE	BASEPLATE
C1	SFF #1#2 OR BETTER	(2) 2x6 4x6	
C2	SFF #1#2 OR BETTER	(3) 2x6	
C3	DFL #1	6x6	
C3	SFF #1#2 OR BETTER	6x8	
C4	ASTM A500	3-1/2x3-1/2x1/4"	9-1/2"x9-1/2"x3/4"
C5	ASTM A500	4x4x1/4"	10"x10"x3/4"
C6	ASTM A500	4x4x5/16"	10"x10"x3/4"
C7	ASTM A500	4x4x3/8"	10"x10"x3/4"
C8	ASTM A500	5x5x3/8"	11"x11"x3/4"
C9	ASTM A500	5x5x1/4"	11"x11"x3/4"
C10	ASTM A500	6x6x5/16"	12"x12"x3/4"
C11	SFF #1#2 OR BETTER	(4) 2x4 4x6	
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
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

QC	THIRD FLOOR	SECOND FLOOR	FIRST FLOOR	A307 BOLT DIA. (UNO)	EMBED. DEPTH	CONC. PAD (WxHxD)
11A			3610	3/4"	10-1/2"	NO PAD
11			9000	3/4"	10-1/2"	54x54x24 W/7#5 E.W
13			17082	1"	15-1/2"	90x90x24 W/11#4 E.W TOP & BTM
21			6100	5/8"	10-1/2"	42x42x18 W/8#4 E.W
23			12000	1-1/8"	13-1/2"	102x102x24 W/16#5 E.W TOP & BTM
31	6100	6100	6100	5/8"	10-1/2"	42x42x18 W/8#4 E.W TOP & BTM
33	6000	12000	17500	1-1/8"	13-1/2"	102x102x24 W/16#5 E.W TOP & BTM
38	12000	20000	21875	1-1/4"	16-7/8"	108x108x30 W/19#5 E.W TOP & BTM

*HOLDOWN NOTES EMBEDMENT DEPTHS ARE CALCULATED FOR THE SIMPSON SET-XP EPOXY SYSTEM. ALL OTHER EPOXY SYSTEMS MUST BE APPROVED BY THE ARCHITECT OR ENGINEER BEFORE INSTALLATION.
*ARCHITECT TO RECEIVE WRITTEN CONFIRMATION THAT HOLDOWNS ARE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
*EMBEDMENT DEPTH IS REQUIRED DEPTH MEASURED FROM TOP OF CONCRETE PAD. (EXCLUDE SLAB AND STEM WALL 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.
*A-193 GR B7 BOLT REQUIRED.
NOTE: SEE ANCHOR BOLT LAYOUT ON SHEET S2.7a & S2.7b FOR INSTALLATION INFORMATION.

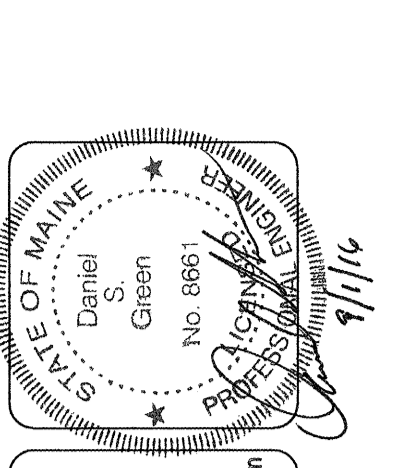
FOUNDATION NOTES

- BOTTOM PLATE ANCHORS: EXTERIOR SHEARWALL - REFER TO SHEARWALL SCHEDULE EXTERIOR NON-SHEARWALL - 1/2"x10" ANCHOR BOLTS @ 48" o.c. AND 6" FROM ENDS AND PLATE SPLICES. INTERIOR SHEARWALL - REFER TO SHEARWALL SCHEDULE INTERIOR NON-SHEARWALL - 7/16"x10" ANCHOR BOLTS @ 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 PSI
SQUARE FOOTINGS = 4,000 PSI.
- 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 8" BELOW FINISH FLOOR (F.F.) ELEVATION.

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EXTRACT FROM SOILS REPORT PREPARED BY:
S. W. COLE ENGINEERING, INC.
286 PORTLAND ROAD
GRAY, MAINE 04039
PHONE 207-657-2866
PROJECT #14-11885
DATE: JANUARY 16, 2015



lenity
architecture
3150 Kenia Court SE, Salem, Oregon 97301
PHONE (503) 599-0565

COLSON AND COLSON
GENERAL CONTRACTOR, INC.
2280 McILCHRIST STREET SE, SUITE 200
SALEM, OREGON, 97302
PHONE (503) 586-7401

PORTLAND
RETIREMENT RESIDENCE
802 OCEAN AVE. PORTLAND, MAINE 04103

CORE FOUNDATION PLAN

DATE: 8/28/2015

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

SHEET
S1.1

CORE FOUNDATION PLAN
SCALE: 1/8"=1'-0"