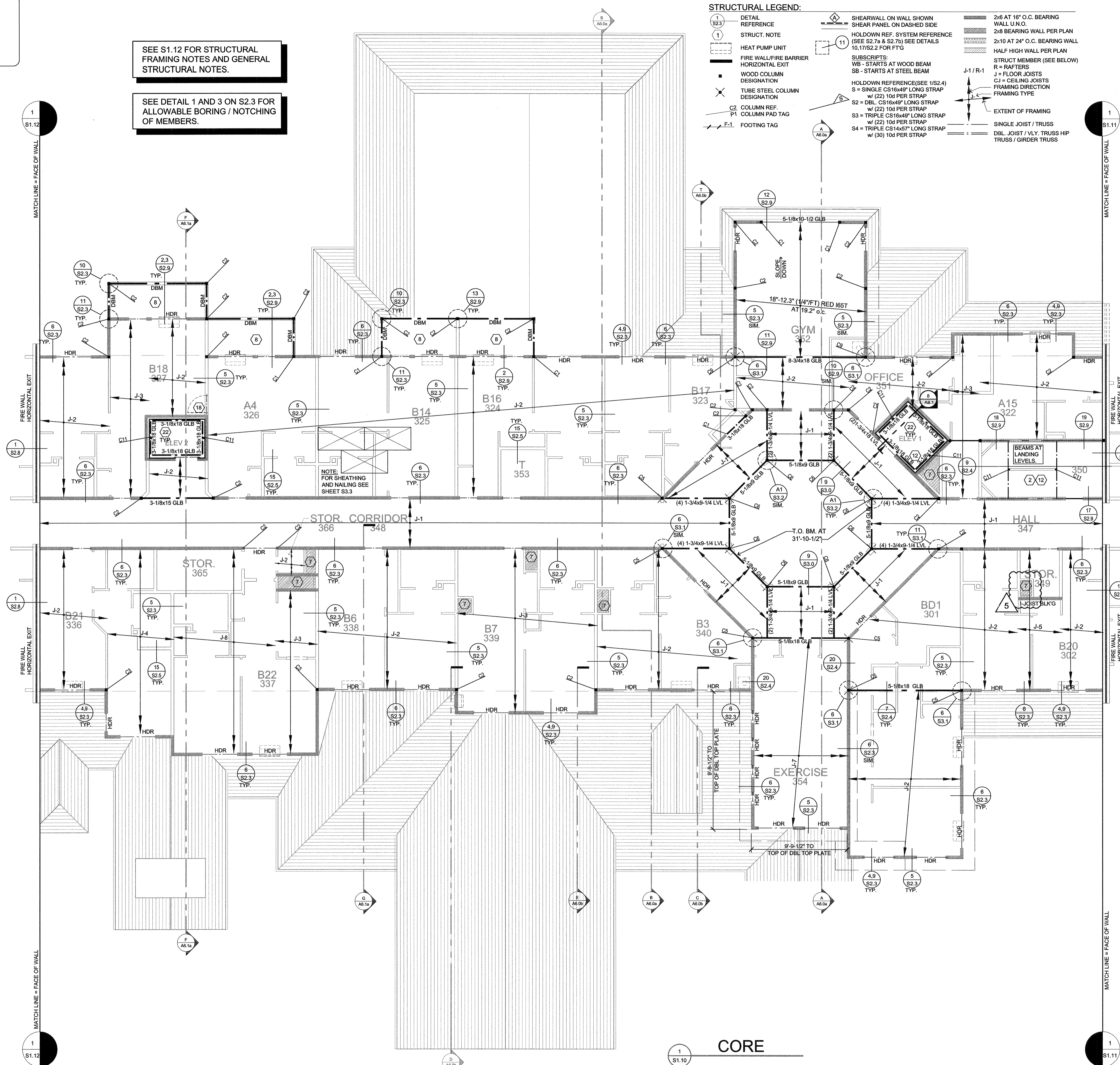


SEE S1.12 FOR STRUCTURAL FRAMING NOTES AND GENERAL STRUCTURAL NOTES.

SEE DETAIL 1 AND 3 ON S2.3 FOR ALLOWABLE BORING / NOTCHING OF MEMBERS.

STRUCTURAL LEGEND:

- (S2.3) DETAIL REFERENCE
- (1) STRUCT. NOTE
- HEAT PUMP UNIT
- FIRE WALL/FIRE BARRIER HORIZONTAL EXIT
- WOOD COLUMN DESIGNATION
- TUBE STEEL COLUMN DESIGNATION
- C2 COLUMN REF. TAG
- F-1 FOOTING TAG
- SHEARWALL ON WALL SHOWN SHEAR PANEL ON DASHED SIDE
- HOLDOWN REF. SYSTEM REFERENCE (SEE S2.7 & S2.7b) SEE DETAILS 10, 17/S2.2 FOR FTG
- 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
- 2x8 AT 16" O.C. BEARING WALL U.O.C.
- 2x8 BEARING WALL PER PLAN
- 2x10 AT 24" O.C. BEARING WALL
- HALF HIGH WALL PER PLAN
- STRUCT. MEMBER (SEE BELOW)
- R = RAFTERS
- J = FLOOR JOISTS
- CJ = CEILING JOISTS
- FRAMING DIRECTION
- FRAMING TYPE
- EXTENT OF FRAMING
- SINGLE JOIST / TRUSS
- DBL. JOIST / VLY. TRUSS HIP
- TRUSS / GIRDER TRUSS



COLUMN SCHEDULE

COL	MATERIAL	SIZE	BASEPLATE
C1	SPF #1/#2 OR BETTER DFL #2	(2) 2x6 4x6	
C2	SPF #1/#2 OR BETTER DFL #1	(3) 2x6 6x6	
C3	SPF #1/#2 OR BETTER DFL #1	6x8	
C4	ASTM A500	3-1/2x3-1/2x1/4"	9-1/2"x0-91/2x3/4"
C5	ASTM A500	4x4x1/4"	10"x0-10"x3/4"
C6	ASTM A500	4x4x3/8"	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 4x6	
C12	ASTM A500	8x8x1/4"	14"x14"x3/4"

JOIST SCHEDULE

(NOTE: NOT ALL JOISTS ARE USED)

JOIST	MATERIAL	SIZE	SPACING
J-1	REDBUILT RED-145	9-1/2" DEPTH	24" oc
J-2	REDBUILT RED-190	18" DEPTH	24" oc
J-3	REDBUILT RED-190	18" DEPTH	16" oc
J-4	REDBUILT RED-190	DBL. 18" DEPTH	19.2" oc
J-5	REDBUILT RED-190	18" DEPTH (multi-span)	24" oc
J-6	REDBUILT RED-145	DBL. 9-1/2" DEPTH	16" oc
J-7	REDBUILT RED-145	9-1/2" DEPTH	12" oc
J-8	REDBUILT RED-190	DBL. 18" DEPTH	16" oc
J-9	REDBUILT RED-190	DBL. 18" DEPTH	24" oc
CJ-1	SPF #1/#2	2x10	24" oc

RAFTER SCHEDULE

(NOTE: NOT ALL RAFTERS ARE USED)

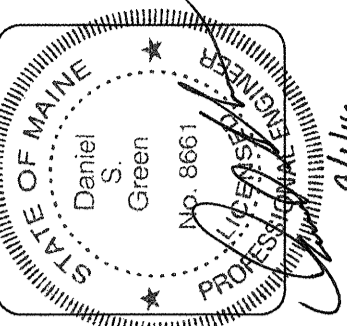
RAFTER	MATERIAL	SIZE/SPAN*	SPACING
R-1	SPF #1/#2	2x12, 9'-6" SPAN	24" oc
R-2	SPF #1/#2	2x12, 11'-6" SPAN	16" oc
R-3	REDBUILT RED-190	11-7/8" DEPTH	24" oc
R-4	REDBUILT RED-190	DBL. 11-7/8" DEPTH	19.2" oc
R-5	SPF #1/#2	2x6, 7'-6" SPAN	24" oc

*SPAN IS APPROXIMATE VERIFY IN FIELD
*NOT ALL JOISTS LISTED MAY BE USED (verify per plans.)

SHEARWALL SCHEDULE

SHEARWALL MARK	APA WALL ID.	BOTH SIDES	SHTG. TYPE & THICKNESS	SEE NOTE	FIELD OC	REYNOTES	16d NAILS	FLR. TO CONN.	FLR. TO CONN. COINC. CONN.	SHEARWALL TO COINC. CONN. (SEE DET #)	ANCHOR BOLTS TO BE 10"	LOAD (kLF)
B	7/16"	YES	8d	6"	12"	12"	6"	22"	22"	6/S2.3	1/2" DIA @ 36"	210
C	7/16"	YES	8d	4"	12"	12"	6"	14"	14"	6/S2.3	5/8" DIA @ 48"	320
D	7/16"	YES	8d	3"	12"	12"	4"	11"	11"	6/S2.3	1/2" DIA @ 24"	415
E	7/16"	YES	8d	2"	12"	12"	4"	8"	8"	6/S2.3	5/8" DIA @ 16"	535
F	7/16"	YES	8d	4"	12"	12"	6"	7"	7"	7/S2.6	1/2" DIA @ 12"	640
G	7/16"	YES	8d	3"	12"	12"	4"	5-1/2"	5-1/2"	7/S2.6	5/8" DIA @ 18"	830
H	7/16"	YES	8d	2"	12"	12"	3"	4-1/2"	4-1/2"	7/S2.6	1/2" DIA @ 10"	1100
J	10/16"	YES	10d	2"	12"	12"	3"	4-1/2"	4-1/2"	7/S2.6	1/2" DIA @ 8"	1460

- KEY NOTES:**
- 3x STUDS AT ADJOINING PLYWD PANEL EDGES.
 - 3x STUDS AND SILL PLATES, STAGGER PLYWD PANEL EDGES.
 - 3x DFL STUDS AND SILL PLATES, STAGGER PLYWD PANEL EDGES.
 - 5/8" GYPSUM SHEATHING TO BE SECURED WITH 6d COOLER NAILS OR #6-1" TYPE "W" OR "S" SCREWS DIRECTLY TO STUDS.
 - PLYWD PANEL EDGES ARE TO BE STAGGERED TO FALL ON DIFFERENT FRAMING MEMBERS.
 - NAILS ARE TO BE COMMON OR HOT DIPPED GALVANIZED U.O.N.
 - 3x SILL PLATES REQUIRED AT FOUNDATION ONLY.
- SHEAR PANEL NOTES:**
- * SHEAR VALUES ARE ADJUSTED FOR SPRUCE-PINE-FIR STUDS @ 16" o.c. U.O.N.
 - * ALL APA SHEATHING SHEARWALLS TO BE BACKED WITH 2" NOMINAL OR WIDER FRAMING.
 - * WHEN APA RATED PANELS ARE INSTALLED TO BOTH SIDES OF WALL PANEL JOINTS OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS.
 - * NAILING NOT TO PENETRATE THE OUTER VENEER LAYER.
 - * WHEN USING A NAIL GUN, CONTRACTOR SHALL ENSURE THAT GUN IS SET TO INSTALL NAIL SLIGHTLY PROUD OF SURFACE BEING NAILED. NAIL SHALL THEN BE SET BY HAMMER, DO NOT ALLOW NAIL TO OVER PENETRATE WOOD SURFACE ESPECIALLY ON SHEARWALLS.
 - * ALL EDGES ON APA RATED PANELS TO BE BLOCKED TO MAINTAIN STRENGTH.
 - * ALL PANELS LISTED MAY NOT BE USED ON ALL PROJECTS. REFER TO THE SHEARWALL LAYOUT PLANS FOR SIZE, TYPE AND LOCATION OF PANELS.
 - * GYPSUM WALLBOARD LOAD IS REDUCED IN HIGH SEISMIC LOCATIONS.
 - * SEE DETAIL #14/S2.5 FOR STAPLES TO NAIL EQUIVALENT TABLE.
 - * 7/16 OSB (PS2-92 GRADE) MAY BE USED IF APPLIED DIRECTLY TO FRAMING WHEN STUDS ARE SPACED A MAXIMUM OF 16" o.c. OR PANELS ARE APPLIED WITH LONG DIMENSION ACROSS STUDS. 15/32 OSB SHALL BE USED WHEN STUDS ARE SPACED A MAXIMUM OF 24" o.c.
 - * USE EITHER 16d NAILS OR LTP4 CLIPS WHEN SHTG IS ATTACHED TO LOWER TOP PLATE.
 - * ALL ANCHOR BOLTS AT SHEARWALLS TO HAVE A 3x3x1/4 THICK PLATE WASHER.



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4TH FLOOR
CORE FRAMING
PLAN

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

SHEET S1.10