

SEE S1.9 FOR STRUCTURAL FRAMING NOTES AND GENERAL STRUCTURAL NOTES.

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

ALL 2ND FLOOR BEARING WALL STUDS TO BE 2x6 #1/#2 SPF @ 16" o.c. AND SILL AND DBL. TOP PLATES TO BE 2x6 SPF GRADE.

STRUCTURAL LEGEND:

DETAIL REFERENCE: (1) S2.3

STRUCT. BEARING WALL

FIRE WALL UNIT

FIRE WALL/FIRE BARRIER

HORIZONTAL EXIT

WOOD COLUMN DESIGNATION

TUBE STEEL COLUMN DESIGNATION

C2 COLUMN REF. COLUMN PAD TAG

E-1 FOOTING TAG

SHEARWALL ON WALL SHOWN SHEAR PANEL ON DASHED SIDE

HOLDOWN REF. SYSTEM REFERENCE (SEE S2.7 & S2.7a) SEE DETAILS 10, 11, S2.7 & S2.7a 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

2x6 AT 16" O.C. BEARING WALL U.O.N.

2x6 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	(2) 2x6	
C2	DFL #1	(3) 2x6	
C3	SPF #1/#2 OR BETTER	6x6	
C4	DFL #1	(4) 2x6	
C5	ASTM A500	3-1/2x3-1/2x1/4"	9-1/2"x9-1/2"x3/4"
C6	ASTM A500	4x4x1/4"	10"x10"x3/4"
C7	ASTM A500	4x4x5/16"	10"x10"x3/4"
C8	ASTM A500	4x4x3/8"	10"x10"x3/4"
C9	ASTM A500	5x5x1/4"	11"x11"x3/4"
C10	ASTM A500	6x6x5/16"	12"x12"x3/4"
C11	SPF #1/#2 OR BETTER	(4) 2x4	
C12	ASTM A500	8x8x1/4"	14"x14"x3/4"

JOIST SCHEDULE

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

RAFTER	MATERIAL	SIZE/SPAN*	SPACING
R-1	SPF #1/#2	2x12, 8'-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

SHEARWALL SCHEDULE

SHEARWALL MARK	SHT'G. TYPE & THICKNESS	SHT'G. NAIL INFO.	FLR. TO FLR. CONNECTION	SHEARWALL TO CONC. CONN.	
				ALL ANCHOR BOLTS TO BE 10"	ANCHOR BOLT DIA. & SPACING
A	3/8"	6d CLR	24" x 24"	5/8" DIA. @ 48"	100
B	7/16"	6d	22" x 22"	5/8" DIA. @ 36"	210
C	7/16"	6d	14" x 14"	5/8" DIA. @ 24"	320
D	7/16"	6d	11" x 11"	5/8" DIA. @ 10"	415
E	7/16"	6d	8" x 8"	5/8" DIA. @ 8"	535
F	7/16"	6d	7" x 7"	5/8" DIA. @ 12"	640
G	7/16"	6d	5" x 5"	5/8" DIA. @ 18"	830
H	7/16"	6d	4" x 4"	5/8" DIA. @ 15"	1100
J	10/16"	6d	3" x 3"	5/8" DIA. @ 10"	1460

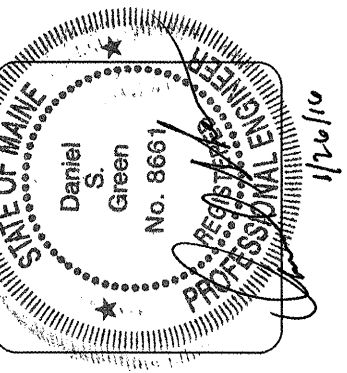
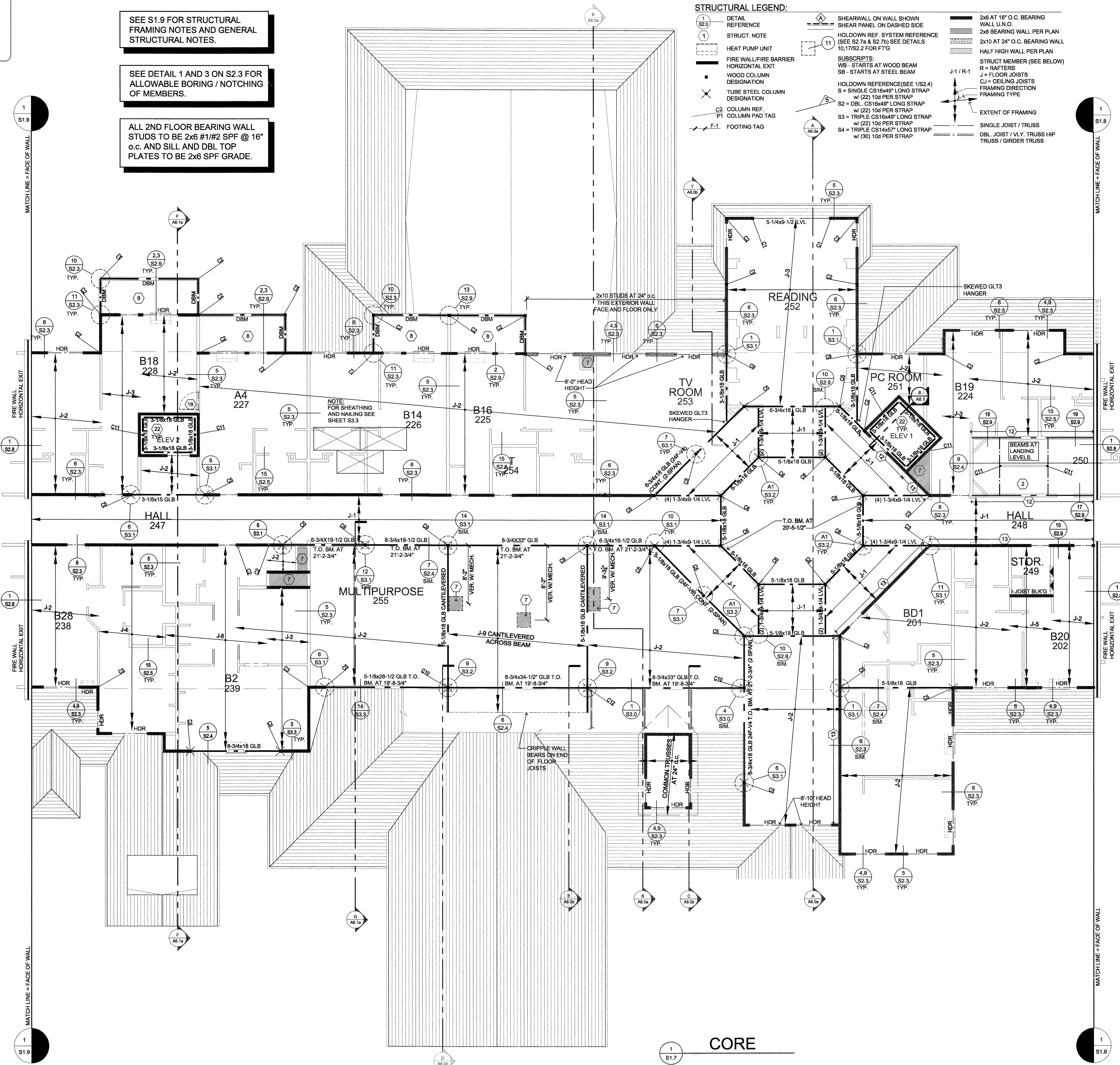
NOTE: SHEARWALL TYPES "F" - "J" ARE ON BOTH SIDES OF WALL.

KEY NOTES:

- 3x STUDS AT ADJOINING PLYWD PANEL EDGES.
- 3x STUDS AND SILL PLATES. STAGGER PLYWD PANEL EDGES.
- 3x DF.L 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.

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 #4/S2.5 FOR STUDS 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 24" o.c.
- USE EITHER 16d NAILS OR LTP4" CLIPS WHEN SHT'G IS ATTACHED TO LOWER TOP PLATE.
- ALL ANCHOR BOLTS AT SHEARWALLS TO HAVE A 3x3x1/4 THICK PLATE WASHER.



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3RD FLOOR
CORE FRAMING
PLAN

DATE: 8/28/2015
REVISED DATE: 9/22/2015

SHEET: S1.7

3RD FLOOR CORE FRAMING PLAN
SCALE: 1/8"=1'-0"

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