

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

NOTE: ALL TRUSSES TO BE INSTALLED AND BRACED PER BCSI 1-03*

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	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 4x4	
C12	ASTM A500	8x8x1/4"	14"x14"x3/4"

JOIST SCHEDULE

(NOTE: NOT ALL JOISTS ARE USED)

JOIST	MATERIAL	SIZE	SPACING
J-1	REBUILT RED-145	9-1/2" DEPTH	24" oc
J-2	REBUILT RED-190	18" DEPTH	24" oc
J-3	REBUILT RED-190	18" DEPTH	16" oc
J-4	REBUILT RED-190	DBL 18" DEPTH	19.2" oc
J-5	REBUILT RED-190	18" DEPTH (multi-span)	24" oc
J-6	REBUILT RED-145	DBL 9-1/2" DEPTH	16" oc
J-7	REBUILT RED-145	9-1/2" DEPTH	12" oc
J-8	REBUILT RED-190	DBL 18" DEPTH	16" oc
J-9	REBUILT 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, 8'-6" SPAN	24" oc
R-2	SPF #1#2	2x12, 11'-6" SPAN	16" oc
R-3	REBUILT RED-190	11-7/8" DEPTH	24" oc
R-4	REBUILT 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	SHT'G. TYPE & THICKNESS	SHT'G. NAIL INFO.	FLR. TO FLR. CONNECTION	SHEARWALL TO CONC. CONN.		LOAD (KIP)
				ANCHOR BOLT DIA. & SPACING	ANCHOR BOLTS TO BE 10"	
B	7/16"	8d	16d	6/32.3 or 5/8" DIA. @ 36"	210	
C	7/16"	8d	14"	6/32.3 or 5/8" DIA. @ 24"	320	
D	7/16"	8d	11"	6/32.3 or 5/8" DIA. @ 16"	415	
E	7/16"	8d	8"	6/32.3 or 5/8" DIA. @ 12"	535	
F	7/16"	8d	7"	7/32.6 or 5/8" DIA. @ 18"	640	
G	7/16"	8d	5-1/2"	7/32.6 or 5/8" DIA. @ 10"	830	
H	7/16"	8d	2"	7/32.6 or 5/8" DIA. @ 8"	1100	
J	1/2"	10d	2"	7/32.6 or 5/8" DIA. @ 8"	1460	

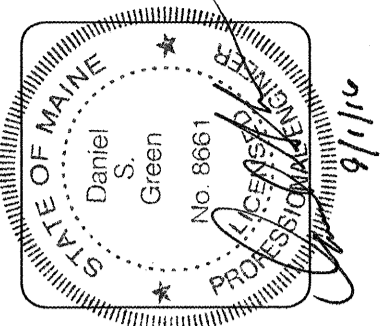
NOTE: SHEARWALL TYPES "F" - "J" ARE ON BOTH SIDES OF WALL.

STRUCTURAL LEGEND:

	DETAIL REFERENCE		SHEARWALL ON WALL SHOWN SHEAR PANEL ON DASHED SIDE		2x6 AT 16" O.C. BEARING WALL U.O.
	STRUCT. NOTE		HOLDOWN REF. SYSTEM REFERENCE (SEE S2.7a & S2.7b) SEE DETAILS 10,17/S2.2 FOR FTG		2x8 BEARING WALL PER PLAN
	HEAT PUMP UNIT		SUBSCRIPTS: WB - STARTS AT WOOD BEAM SB - STARTS AT STEEL BEAM		2x10 AT 24" O.C. BEARING WALL
	FIRE WALL/FIRE BARRIER HORIZONTAL EXIT		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 CS14x71" LONG STRAP w/ (30) 10d PER STRAP		HALF HIGH WALL PER PLAN
	WOOD COLUMN DESIGNATION		J-1 / R-1		STRUCT. MEMBER (SEE BELOW)
	TUBE STEEL COLUMN DESIGNATION		EXTENT OF FRAMING		J = FLOOR JOISTS CJ = CEILING JOISTS FRAMING DIRECTION
	COLUMN REF. TAG		SINGLE JOIST / TRUSS		DBL. JOIST / VLY. TRUSS HIP TRUSS / GIRDER TRUSS
	FOOTING TAG				

- ### STRUCTURAL FRAMING NOTES
1. RAFTER AND CLG JOISTS (WHERE STICK FRAMING IS USED) TO CARRY TRUSS.
 2. TYPICAL STAIR CONSTRUCTION: (see architectural details A7.4)
 3. GRADUATED TRUSSES FOR HIP/VALLEY CONSTRUCTION.
 4. SPACE JOISTS 32" FOR H.V.A.C. SUPPORT FLOOR SHEATHING w/ FLAT 4x12 @ 24" o.c. w/ Z2 CLIPS THIS LOCATION. (TYP.)
 5. TRUSSES BEAR ON EXTERIOR WALL AND CANTILEVER OVER TOP FLOOR DECKS. SIMPSON H1 EACH TRUSS CANTILEVERED.
 6. TRUSSES BEAR ON TOP OF WALL OR COLUMN. SIMPSON H2.5 ANCHOR TIES TRUSS TO FRAMING MEMBER BELOW EACH END OF EACH TRUSS.
 7. SPACE FRAMING MEMBER FOR MECH CHASE, HATCHES AND OPENINGS. SEE DTLS. 2 & 3/S2.5 CONFIRM CLEAR OPENING DIMENSIONS WITH MECH CONTR.
 8. 2x6 DECK JOISTS @ 16" o.c. U.O.N. SEE DTL SHEET A7.3 and 10 & 11/S2.3 FOR DECK FRAMING.
 9. SHEAR WALL NOTES-(PANELS REFER TO DETAIL 2/S2.6)
* SHEAR WALL CONSTRUCTION IN ACCORDANCE WITH REPORT NO NER-272.
* SHEAR WALL PERPENDICULAR TO CORRIDOR CONTINUE THROUGH ATTIC TO UNDER SIDE OF ROOF SHEATHING. USE SAME WALL TYPE AS USED ON THIRD FLOOR. (DETAIL 1/S2.6) OR SHEAR 'B' WHICHEVER IS GREATER.
 10. STICK FRAME OVER ELEVATOR w/ 2x8 RAFTERS @ 16" o.c. ON CRIPPLE WALLS, ON SHAFT AND CORRIDOR.
 11. GIRDER TOP AND BOTTOM CHORDS TO MATCH STICK FRAMING.
 12. 2HR STAIR, ELEVATOR AND CHASE FRAMING, SEE 17, 18 AND 19 ON S2.9
 13. FIRE BARRIER WALL SEE DETAIL 15 AND 16 ON S2.9
 14. DRAG STRUTS - REFER TO STRUC. DETAIL 9/S2.6, DRAG STRUT @ FLOOR.
 15. DRAG STRUTS - REFER TO STRUC. DETAIL 9/S2.6, DRAG STRUT @ FLOOR.
 16. DRAG STRUTS - REFER TO STRUC. DETAIL 11/S2.6 DESIGN TRUSS FOR ADDITIONAL 2000# LATERAL LOAD PLACED ON TOP CHORD OF TRUSS. SEE DETAIL 13/S2.6 FOR UPLIFT CONNECTIONS. SEE DETAIL 15/S2.6 FOR WALL CONNECTION.
 17. DRAG STRUTS - REFER TO STRUC. DETAIL 12/S2.6 DESIGN TRUSS FOR ADDITIONAL 5000# LATERAL LOAD PLACED ON TOP CHORD OF TRUSS. SEE DETAIL 13/S2.6 FOR UPLIFT CONNECTIONS.
 18. LOCATION OF FUTURE DOOR 14'-6" FROM CORRIDOR SIDE OF WALL OR 6" AWAY FROM NEAREST WALL (PROVIDE DOOR HEADER IN FRAMING SEE DETAIL 10/S3.3).
 19. SCISSORS TRUSSES TO BARE ON BEAMS. DO NOT HANG TRUSSES FROM BEAM)
 20. (1)-MST72 STRAPS BM TO DBL TOP PLATE/TRUSS OR BEAM TO BEAM
 21. (2)-MST72 STRAPS BM TO DBL TOP PLATE. W/ (56)-16d NAILS
 22. MITER BEAMS AT CORNERS OR PROVIDE (2) SIMPSON HGA10 ANGLES TOP AND BOTTOM. (AT ELEVATOR)
 23. PROVIDE BLK'S FOR KITCHEN HOOD. COORDINATE W/ KITCHEN EQUIP. SUPPLIER FOR LOCATION OF BLK'S.
 24. GRADUATE TRUSS OVER-FRAMING @ 24" o.c. W/ SIMPSON VTC2 CLIPS AS REQ'D. OVERFRAMING TRUSSES TO BE PLACED ON ROOF SHT'G (PER DETAIL 8/S2.4)

- ### GENERAL STRUCTURAL NOTES:
1. HEIGHT OF TOP PLATE 9'-1" U.O.N.
 2. STRUCTURAL MEMBER MATERIALS
- GLB = 24F-V4 (DF/DF)
- CONT GLB = 24F-V8 (DF/DF)
- DBM = (3) 2x12 #1#2 SPF OR 3-1/8x12 G.L.B. < 12'-0"
12'-0" < 5-1/8x12' GLB 12'-0" < 20'-0"
- HDR 6"-1" SPAN 9'-0" (3)2x12" #1#2 SPF
- HDR 6"-1" SPAN 9'-0" (3)2x12" #1#2 SPF
 3. REFER TO SHEET S2.1 FOR ASSEMBLY OF BUILT-UP COLUMNS AND MULTIPLE LAMINATED VENEER (L.V.) MEMBERS.
 4. TRUSSES ARE TO BE ALIGNED ON BOTH SIDES OF THE CORRIDOR. ADJUST SPACING OF TRUSSES AS REQUIRED.
 5. PROVIDE ADDITIONAL TRUSS OVER SHEARWALLS THAT ARE PARALLEL TO TRUSS.
 6. ALL 36" DOOR HEADERS TO BE (3) 2x10 U.O.N.
 7. REFER TO DTLS. #1 & #3 ON S2.3 FOR ALLOWABLE HOLES IN STRUC. MEMBERS. NO HOLES ARE TO BE PUT IN LVL MATERIALS WITHOUT ENGINEERS APPROVAL.
 8. BOTTOM OF BEAM ELEVATION AT TOP PLATE U.O.N.
 9. REFER TO DETAILS #4 & #9 ON S2.3 FOR HEADER DETAILS.
 10. TOP PLATE CONTINUITY IN SHEAR AND LOAD-BEARING WALLS TO BE MAINTAINED PER DETAIL #14 ON S2.3.
 11. ALL TRUSSES ARE @ 24" oc U.O.N.
 12. BRACE TOP OF ALL INTERIOR NON-BEARING WALLS ACCORDING TO DETAIL 15/S2.5 AND 7/S3.3.
 13. ROOF AND FLOOR SHEATHING GRADE PER S2.1 AND NAILING REQUIREMENTS PER DETAIL 16/S2.5 SEE DETAIL #11/S3.3 FOR NAIL LOCATIONS
 14. (2) 2x6 POST @ ALL GIRDER TRUSS BEARING (U.O.N.)
 15. REFER TO 8/S3.0 FOR ELEC. PANEL FRAMING.
 16. (3) 2x6 AT EA END OF DBM U.O.N.
 17. ALL TRUSSES TO BE INSTALLED AND BRACED PER BCSI 1-03
 18. ALL BEAMS AT STAIRWELLS ARE NON STRUCTURAL (U.O.N.) 2x6 WALLS ARE BEARING.



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WING C
ROOF FRAMING
PLAN

DATE
8/28/2015

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

SHEET
S1.15

