

STRUCTURAL LEGEND:

	DETAIL REFERENCE		SHEARWALL ON WALL SHOWN SHEAR PANEL ON DASHED SIDE		2x6 AT 16" O.C. BEARING WALL U.O.
	STRUCT. NOTE		HOLD DOWN REF. SYSTEM REFERENCE (SEE S2.7a & S2.7b) SEE DETAILS 10/17/S2.2 FOR FT'G		2x10 AT 24" O.C. BEARING WALL
	HEAT PUMP UNIT		WOOD COLUMN DESIGNATION		R = RAFTERS
	FIRE WALL/FIRE BARRIER HORIZONTAL EXIT		J = FLOOR JOISTS		CJ = CEILING JOISTS
	TUBE STEEL COLUMN DESIGNATION		S = SINGLE CS16x49" LONG STRAP w/ (22) 10d PER STRAP		S2 = DBL. CS16x49" LONG STRAP w/ (22) 10d PER STRAP
	C2 COLUMN REF.		S3 = TRIPLE CS16x49" LONG STRAP w/ (22) 10d PER STRAP		S4 = TRIPLE CS16x49" LONG STRAP w/ (30) 10d PER STRAP
	P1 COLUMN PAD TAG		F-1 FOOTING TAG		
			J-1/R-1 EXTENT OF FRAMING		SINGLE JOIST / TRUSS
			DBL. JOIST / VLY. TRUSS HIP TRUSS / GIRDER TRUSS		

STRUCTURAL FRAMING NOTES:

- SIMPSON SBU HANGERS. CONNECT JACK TRUSS TOP AND BOTTOM CHORD, OR RAFTER AND CLG JOISTS (WHERE STICK FRAMING IS USED) TO CARRY TRUSS.
- TYPICAL STAIR CONSTRUCTION (see architectural details A7.4)
- MID LANDINGS - 1-3/4x11-7/8 LVL @ 7'-9 7/8" o.c. HEADERS - (2) 1-3/4x11-7/8. SEE DETAIL 13/S2.5 FOR S1 RINGER SIZE AND SPACING. DETAIL 11/S3.3 FOR ROOF FRAMING & DETAIL 9/S2.4 FOR BEAM SIZE AND LOCATIONS.
- GRADUATED TRUSSES FOR HIP/VALLEY CONSTRUCTION.
- SPACE JOISTS 32" FOR H.V.A.C. SUPPORT FLOOR SHEATHING w/ FLAT 4x12 @ 24" o.c. w/ 22 CLIPS THIS LOCATION. (TYP.)
- TRUSSES BEAR ON EXTERIOR WALL AND CANTILEVER OVER TOP FLOOR DECKS. SIMPSON H1 EACH TRUSS CANTILEVERED.
- TRUSSES BEAR ON TOP OF WALL, OR COLUMN. SIMPSON H2.5 ANCHOR TIES TRUSS TO FRAMING MEMBER BELOW EACH END OF EACH TRUSS
- SPACE FRAMING MEMBER FOR MECH CHASE, HATCHES AND OPENINGS. SEE DTLS. 2 & 3/S2.5 CONFIRM CLEAR OPENING REQMENTS WITH MECH CONTR.
- 2x6 DECK JOISTS @ 16" o.c. U.O.N. SEE DETL SHEET A7.3 and 10 & 11/S2.3 FOR DECK FRAMING.
- 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.
- STICK FRAME OVER ELEVATOR w/ 2x6 RAFTERS @ 16" o.c. ON CRIPPLE WALLS, ON SHAFT AND CORRIDOR.
- DECK BELOW

GENERAL STRUCTURAL NOTES:

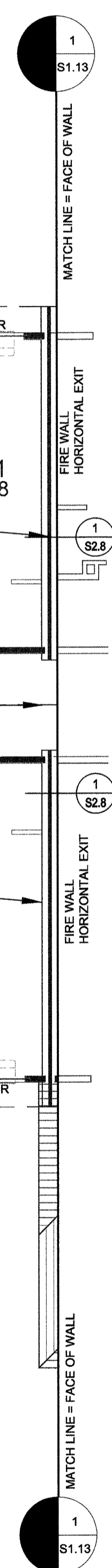
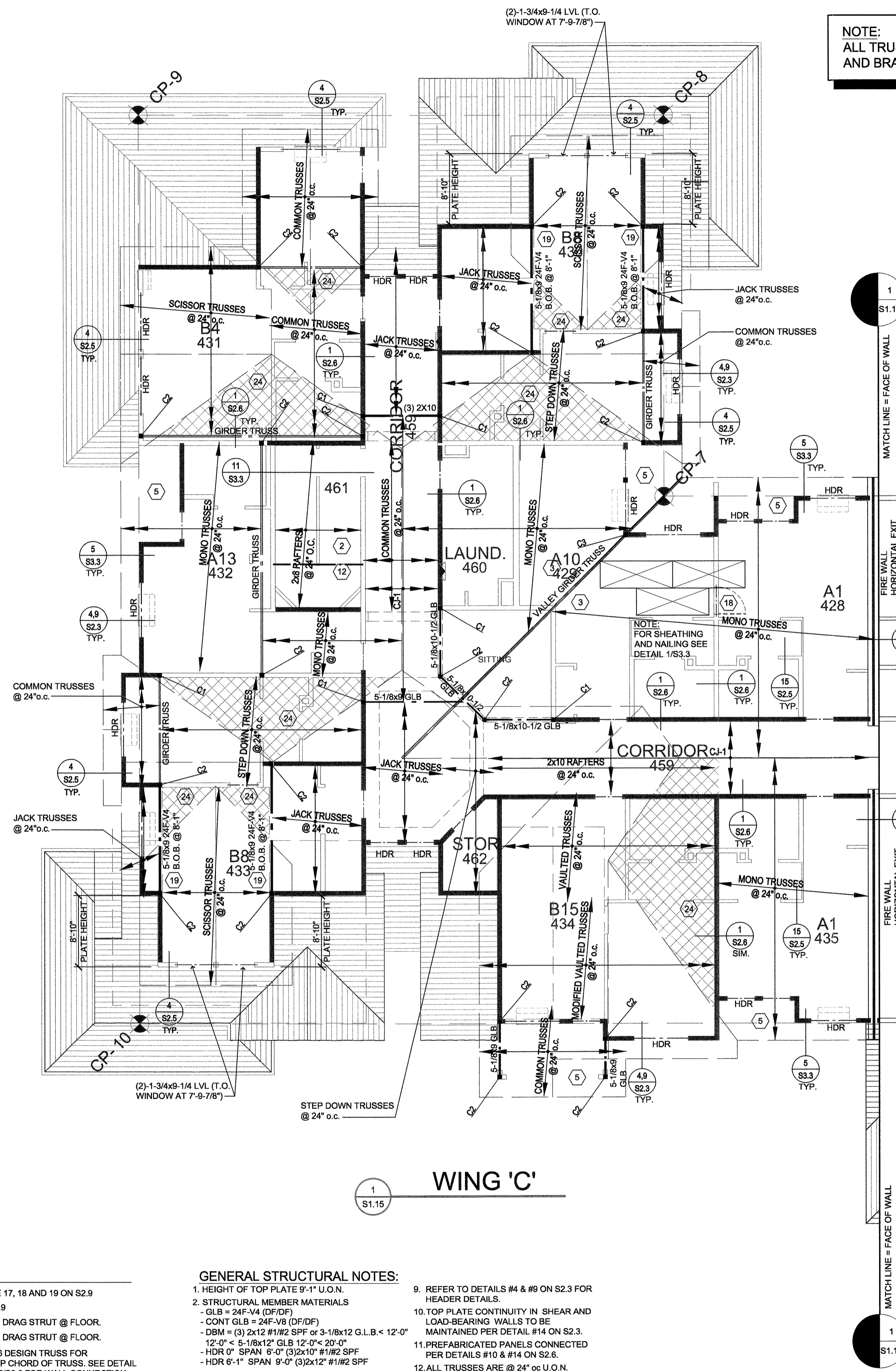
- HEIGHT OF TOP PLATE 9'-1" U.O.N.
- STRUCTURAL MEMBER MATERIALS
- CLG = 2x4-V4 (DF/D) /
- CONT GLB = 2x4-V8 (DF/DF)
- DBM = (3) 2x12 #1/2 SPF OR 3-1/8x12 G.L.B. < 12'-0" /
12'-0" < 5-1/8x12' GLB 12'-0" < 20'-0" /
- HDR O' SPAN 6'-0" (3/2x10' #1/2 SPF /
- HDR 6'-1" SPAN 9'-0" (3/2x12' #1/2 SPF
- REFER TO SHEET S2.1 FOR ASSEMBLY OF BUILT-UP COLUMNS AND MULTIPLE LAMINATED VENEER (L.V.) MEMBERS.
- TRUSSES ARE TO BE ALIGNED ON BOTH SIDES OF THE CORRIDOR. ADJUST SPACING OF TRUSSES AS REQUIRED.
- PROVIDE ADDITIONAL TRUSS OVER SHEARWALLS THAT ARE PARALLEL TO TRUSS.
- ALL 36" DOOR HEADERS TO BE (3) 2x10 U.O.N.
- 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.
- BOTTOM OF BEAM ELEVATION AT TOP PLATE U.O.N.
- REFER TO DETAILS #4 & #9 ON S2.3 FOR HEADER DETAILS.
- TOP PLATE CONTINUITY IN SHEAR AND LOAD-BEARING WALLS TO BE MAINTAINED PER DETAIL #14 ON S2.3.
- 11 PREFABRICATED PANELS CONNECTED PER DETAILS #10 & #14 ON S2.6.
- 12 ALL TRUSSES ARE @ 24" o.c. U.O.N.
- 13 BRACE TOP OF ALL INTERIOR NON-BEARING WALLS ACCORDING TO DETAIL 15/S2.5 AND 7/S3.3
- 14 ROOF AND FLOOR SHEATHING GRADE PER S2.1 AND NAILING REQUIREMENTS PER DETAIL 16/S2.5 SEE DETAIL #1/S3.3 FOR NAIL LOCATIONS
- 15 (2) 2x6 POST @ ALL GIRDER TRUSS BEARING (J.N.O.)
- 16 REFER TO 8/S3.0 FOR ELEC. PANEL FRAMING
- 17 (3) 2x6 AT EA END OF DBM U.O.N.
- 18 ALL TRUSSES TO BE INSTALLED AND BRACED PER 'BCS1 1-03'
- 2HR STAIR, ELEVATOR AND CHASE FRAMING, SEE 17, 18 AND 19 ON S2.9
- FIRE BARRIER WALL. SEE DETAIL 15 AND 16 ON S2.9
- DRAG STRUTS - REFER TO STRUC. DETAIL 8 /S2.6, DRAG STRUT @ FLOOR.
- DRAG STRUTS - REFER TO STRUC. DETAIL 9 /S2.6, DRAG STRUT @ FLOOR.
- 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.
- DRAG STRUTS - REFER TO STRUC. DETAIL 12/S2.6 DESIGN TRUSS FOR ADDITIONAL 6000# LATERAL LOAD PLACED ON TOP CHORD OF TRUSS. SEE DETAIL 13/S2.6 FOR UPLIFT CONNECTIONS.
- 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).
- SCISSORS TRUSSES TO BARE ON BEAMS. DO NOT HANG TRUSSES FROM BEAM)
- (1)-MST72 STRAPS BM TO DBL TOP PLATE/TRUSS OR BEAM TO BEAM
- (2)-MST72 STRAPS BM TO DBL TOP PLATE. W/ (56)-16d NAILS
- MITER BEAMS AT CORNERS OR PROVIDE (2) SIMPSON HGA10 ANGLES TOP AND BOTTOM. (AT ELEVATOR)
- PROVIDE BLKG FOR KITCHEN HOOD. COORDINATE W/ KITCHEN EQUIP. SUPPLIER FOR LOCATION OF BLKG.
- GRADUATE TRUSS OVER-FRAMING @ 24" o.c. w/ SIMPSON VTC2 CLIPS AS REQ'D, OVERFRAMING TRUSSES TO BE PLACED ON ROOF SHTG (PER DETAIL 8/S2.4)

GENERAL STRUCTURAL NOTES:

- REFER TO DETAILS #4 & #9 ON S2.3 FOR HEADER DETAILS.
- TOP PLATE CONTINUITY IN SHEAR AND LOAD-BEARING WALLS TO BE MAINTAINED PER DETAIL #14 ON S2.3.
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- (2) 2x6 POST @ ALL GIRDER TRUSS BEARING (J.N.O.)
- REFER TO 8/S3.0 FOR ELEC. PANEL FRAMING
- (3) 2x6 AT EA END OF DBM U.O.N.
- ALL TRUSSES TO BE INSTALLED AND BRACED PER 'BCS1 1-03'

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

NOTE: ALL TRUSSES TO BE INSTALLED AND BRACED PER 'BCS1 1-03'



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"x0-91/2x3/4"
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	
C12	ASTM A500	8x8x1/4"	14"x14"x3/4"

JOIST SCHEDULE			
JOIST	MATERIAL	SIZE	SPACING
J-1	REDBUILT RED-I45	9-1/2" DEPTH	24" oc
J-2	REDBUILT RED-I90	18" DEPTH	24" oc
J-3	REDBUILT RED-I90	18" DEPTH	16" oc
J-4	REDBUILT RED-I90	DBL 18" DEPTH	19.2" oc
J-5	REDBUILT RED-I90	18" DEPTH (multi-span)	24" oc
J-6	REDBUILT RED-I45	DBL 9-1/2" DEPTH	16" oc
J-7	REDBUILT RED-I45	9-1/2" DEPTH	12" oc
J-8	REDBUILT RED-I90	DBL 18" DEPTH	16" oc
J-9	REDBUILT RED-I90	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-I90	11-7/8" DEPTH	24" oc
R-4	REDBUILT RED-I90	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" BOLT DIA. & SPACING * oc
			16d NAILS	LISTS. PERP. TO WALL (SEE DET.#)	
A	8d	6d	24"	24"	6/S2.3 1/2" DIA @ 48" or 6/S2.6 5/8" DIA @ 48" or 5/S2.6 5/8" DIA @ 48"
B	8d	6d	22"	22"	6/S2.3 1/2" DIA @ 24" or 6/S2.6 5/8" DIA @ 36" or 5/S2.6 5/8" DIA @ 48"
C	8d	6d	14"	14"	6/S2.3 1/2" DIA @ 24" or 6/S2.6 5/8" DIA @ 36" or 5/S2.6 5/8" DIA @ 48"
D	8d	6d	11"	11"	6/S2.3 1/2" DIA @ 10" or 6/S2.6 5/8" DIA @ 16" or 5/S2.6 5/8" DIA @ 12"
E	8d	6d	8"	8"	6/S2.3 1/2" DIA @ 8" or 6/S2.6 5/8" DIA @ 12" or 5/S2.6 5/8" DIA @ 18"
F	8d	6d	7"	7"	7/S2.6 1/2" DIA @ 12" or 5/8" DIA @ 18"
G	8d	6d	8-1/2"	8-1/2"	7/S2.6 1/2" DIA @ 10" or 5/8" DIA @ 15"
H	8d	6d	7-1/2"	7-1/2"	7/S2.6 1/2" DIA @ 8" or 5/8" DIA @ 10"
J	8d	6d	7/S2.6	7/S2.6	1/2" DIA @ 6" or 5/8" DIA @ 8"

lenity architecture
3150 Wells Court, SE, Salem, Oregon 97301
P: 503 399 1090 F: 503 399 0555 W: lenityarchitecture.com

COLSON AND COLSON GENERAL CONTRACTOR, INC.
2260 MACLECHRIST STREET, SUITE 200
SALEM, OREGON, 97302
PHONE (503) 586-7401

PORTLAND RETIREMENT RESIDENCE
802 OCEAN AVE., PORTLAND, MAINE 04103

WING 'C' ROOF FRAMING PLAN

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

SHEET S1.15

WING 'C' ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"