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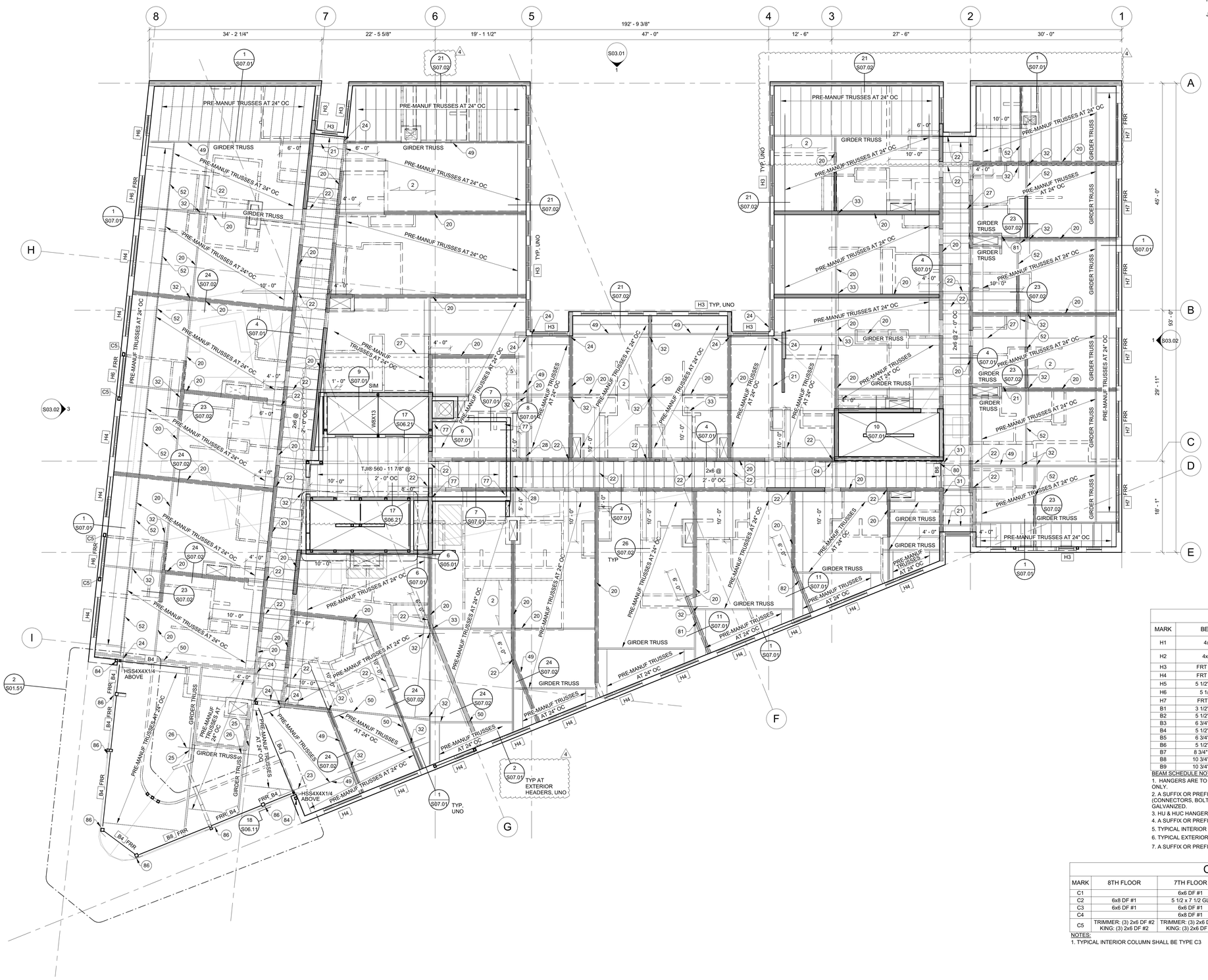

1 S01.10 Roof Framing Plan
1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

A FOR A COMPLETE LEGEND OF ALL CALLOUTS AND SYMBOLS REF COVER SHEET AND SCHEDULES.

B REFERENCE DETAIL 4/S06.20 FOR TYPICAL DOUBLE TOP PL SPLICE CONNECTION.

C ALL POSTS FOR GIRDER TRUSSES, BEAMS, HEADERS AND / OR PURLINS SHALL CONTINUE DOWN FLOOR TO FLOOR TO PT SLAB, FOUNDATION OR LOWER BEAM / HEADER.

D VERIFY SIZE AND LOCATION OF ALL MECHANICAL AND WALL PENETRATIONS.

E TRUSS MANUFACTURER TO REVIEW ALL DETAILS AND PLANS TO ACCOUNT FOR SPECIFIC CONDITIONS.

F ALL GIRDER TRUSSES SHALL BE SECURED TO SUPPORTING POSTS BELOW WITH SIMPSON LGT TIEDOWNS. 2- PLY GIRDER TRUSSES WILL REQUIRE A MINIMUM SUPPORT POST SIZE (2) 2x6 DF#2, 3-PLY GIRDER TRUSSES WILL REQUIRE A MINIMUM SUPPORT POST SIZE (3) 2x6 DF#2, ETC. REF DETAIL 27/S07.02.

G PROVIDE HEADER TYPE H1 AT ALL OPENINGS, TYP AT BEARING WALLS UNO. REF DETAIL 1/S06.20 FOR TYPICAL HEADER CONSTRUCTION, UNO.

H CONTRACTOR TO COORDINATE LOCATION OF FALL PROTECTION WITH TRUSS MANUF, REF DETAIL 25/S07.02 FOR CONNECTION AND REQUIRED TRUSS LOADING.

I REFERENCE DETAIL 26/S07.02 FOR TYPICAL INTERIOR NON-BEARING WALL CONNECTIONS TO ROOF TRUSSES

J TRUSS MANUFACTURER TO COORDINATE ALL MECHANICAL LOADS WITH MECHANICAL DRAWINGS.

KEYED NOTES

2 5/8" APA RATED SHEATHING WITH 2x4 FLAT BLOCKING ALONG ALL UNSUPPORTED PANEL EDGES. ATTACH SHEATHING TO FRAMING AND BLOCKING WITH 0.148 DIA x 3" NAILS AT 6" OC PANEL EDGES, 12" OC FIELD, REF DETAIL 8/S06.20.

20 PRE-MANUFACTURED DRAG/GIRDER TRUSS ALIGNED WITH WALL BELOW AND AT CORRIDOR LOCATION. DRAG/ GIRDER TRUSS TO BE DESIGNED FOR A SHEAR LOAD 250 PLF AND RUN ENTIRE LENGTH OF CORRIDO.

21 SIMPSON CS14 COIL STRAP x AS SHOWN NAILED THROUGH SHEATHING INTO GIRDER TRUSSES AND 2x CORRIDOR JOIST, REFERENCE DETAIL 04/S07.01.

22 SIMPSON CS14 COIL STRAP x AS SHOWN NAIL TO GIRDER TRUSS AND ROOF TRUSS BLOCKING. REFERENCE DETAIL 04/S07.01 and DETAIL 30/S7.03.

23 SIMPSON CS14 COIL STRAP x 6' LONG NAILED TOP OF BEAM AND BOTTOM OF ROOF TRUSS. REFERENCE DETAIL 12/S7.01.

24 SIMPSON CSMT14 COIL STRAP x 8' LONG NAILED THROUGH SHEATHING W/ 0.162" DIA x 2 1/2" NAILS TO TOP OF DBL TOP PL OR TOP OF BEAM AND TO BOTTOM OF ROOF TRUSS. REFERENCE DETAIL 12/S07.01.

25 SIMPSON CSMT14 COIL STRAP x 8' LONG NAILED THROUGH SHEATHING W/ 0.162" DIA x 2 1/2" NAILS TO TOP OF DOUBLE TOP PLATE AND BOTTOM OF GIRGER TRUSS, REFERENCE DETAIL 12/S7.01.

26 SIMPSON CSMT14 COIL STRAP x 8' LONG NAILED THROUGH SHEATHING W/ 0.162" DIA x 2 1/2" NAILS TO TOP OF TRUSSES, REFERENCE DETAIL 24/S7.02.

27 SIMPSON CS14 COIL STRAP x AS SHOWN, NAIL W/ 0.162" x 2 1/2" NAILS THROUGH SHEATHING INTO GIRDER TRUSS AND TO 3x BLOCKING, REF DETAILS 04/S07.01 AND 30/S07.03.

28 SIMPSON CSMT14 COIL STRAP x 10' LONG, NAIL W/ 0.162" DIA x 2 1/2" NAILS THROUGH SHEATHING INTO GIRDER/DRAG TRUSS AND CORRIDOR JOISTS. REFERENCE DETAIL 04/S07.01.

31 SIMPSON CS14 COIL STRAP x 6' LONG, NAIL W/ 0.162" DIA x 2 1/2" NAILS ON BOTTOM OF ROOF TRUSS AND TO TOP OF BEAM. ALIGN TRUSS WITH WALL BELOW. REFERENCE DETAIL 12/S07.01.

32 SIMPSON CS14 COIL STRAP x 6' LONG, NAIL W/ 0.162" DIA x 2 1/2" NAILS TO TOP OF SHEATHING ON TOP OF ROOF TRUSSES RUNNING PERPENDICULAR TO GIRDER/ DRAG TRUSS, REFERENCE DETAIL 24/S07.02.

33 SIMPSON CS14 COIL STRAP x AS SHOWN, NAIL W/ 0.162" DIA x 2 1/2" NAIL TO TOP OF DRAG TRUSSES, REFERENCE DETAIL 30/S07.03.

49 PRE-MANUFACTURERED DRAG/GIRDER TRUSS. DRAG TRUSS TO BE DESIGNED FOR A LOAD OF 2,500 LBS TRANSFERRED FROM TOP CHORD TO BOTTOM CHORD. EDGE NAIL SHEATHING TO DRAG TRUSSES.

50 PRE-MANUFACTURERED DRAG/GIRDER TRUSS. DRAG TRUSS TO BE DESIGNED FOR A LOAD OF 3,200 LBS TRANSFERRED FROM TOP CHORD TO BOTTOM CHORD. EDGE NAIL SHEATHING TO DRAG TRUSSES.

52 PRE-MANUFACTURERED DRAG TRUSS. DRAG TRUSS TO BE DESIGNED FOR A LOAD OF 1,500 LBS TRANSFERRED FROM TOP CHORD TO BOTTOM CHORD. EDGE NAIL SHEATHING TO DRAG TRUSSES.

77 TRUSS MANUFACTURER TO DESIGN TRUSS FOR 3750LB POINT LOAD FOR HOT WATER TANKS

80 SIMPSON CS14 COIL STRAP x 6' LONG NAILED TO DBL TOP PL AND TO CORRIDOR JOISTS AS SHOWN, REFERENCE DETAIL 4/S07.01.

81 SIMPSON CS14 COIL STRAP x AS SHOWN NAILED TO TOP OF TRUSS BLOCKING. REFERENCE DETAIL 11/S07.01 AND DETAIL 30/S7.03.

82 SIMPSON CMST14 COIL STRAP x 4'-0" LONG. STRAP TO BE CENTERED ON HSS COLUMN. REFERENCE DETAIL 3/S05.22. PROVIDE 3x JOIST BLOCKING. PROVIDE STRAP AT FLOOR/ROOF DIAPHRAGM WHERE HSS COLUMN SUPPORTING BALCONY OCCURS. STRAP REQUIREMENTS TYPICAL AT ALL BALCONIES SUPPORTED BY HSS COLUMNS. REF SHEET S05.21

84 STRAP BEAM TO COLUMN USING SIMPSON MST20 STRAP ON EITHER SIDE OF THE BEAM.

86 SIMPSON MST27 STRAP CENTERED OVER COLUMN BETWEEN BEAMS, REF DETAIL 18/S06.11 FOR MORE INFORMATION.

BEAM SCHEDULE

MARK	BEAM SIZE	COLUMN TYPE (UNO PER PLAN)	HANGERS	COMMENTS
H1	4x8 DF #2	(1) 2x TRIMMER (1) 2x KING		
H2	4x10 DF #2	(1) 2x6 TRIMMER (1) 2x KING		
H3	FRT 4x10 DF #2	REF DETAIL 1/S06.20		
H4	FRT 6x10 DF #1	REF DETAIL 1/S06.20		
H5	5 1/2"x13 1/2" GL	REF DETAIL 1/S06.20		
H6	5 1/2"x15" GL	REF DETAIL 1/S06.20		
H7	FRT 6x12 DF#1	REF DETAIL 1/S06.20		
B1	3 1/2"x11 7/8" GL	(2) 2x STUD MIN		
B2	5 1/2"x11 7/8" GL	(2) 2x STUD MIN		
B3	6 3/4"x11 7/8" GL	6x6 DF #1		
B4	5 1/2"x13 1/2" GL	REF PLAN		
B5	6 3/4"x13 1/2" GL	REF PLAN		
B6	5 1/2" x 7 1/2" GL	(2) 2x STUD MIN		
B7	8 3/4" x 13 1/2" GL	REF PLAN		
B8	10 3/4" x 13 1/2" GL	REF PLAN		
B9	10 3/4" x 11 7/8" GL	REF PLAN		

BEAM SCHEDULE NOTES:

1. HANGERS ARE TO BE USED AT LOCATIONS WHERE THE BEAM FRAMES INTO AN ADJACENT BEAM ONLY.
2. A SUFFIX OR PREFIX OF 'PT' INDICATES PRESERVATIVE TREATMENT. ALL HARDWARE (CONNECTORS, BOLTS, ETC) IN CONTACT WITH THESE MEMBERS SHALL USE HOT DIPPED GALVANIZED.
3. HU & HUC HANGERS SHALL BE INSTALLED WITH "MAX" NAILING NOTED BY MANUFACTURER.
4. A SUFFIX OR PREFIX OF 'FRT' INDICATES FIRE-RETARDANT TREATMENT, REF ARCH.
5. TYPICAL INTERIOR HEADERS SHALL BE TYPE 'H1'.
6. TYPICAL EXTERIOR HEADERS SHALL BE TYPE 'H3'.
7. A SUFFIX OR PREFIX OF 'FRR' INDICATES FIRE RESISTIVE RATED, REF S00.02 FOR REQUIREMENTS.

COLUMN SCHEDULE

MARK	8TH FLOOR	7TH FLOOR	6TH FLOOR	5TH FLOOR	4TH FLOOR
C1		6x6 DF #1	6x6 DF #1	6x8 DF #1	6x8 DF #1
C2	6x8 DF #1	5 1/2 x 7 1/2 GL	5 1/2 x 7 1/2 GL	5 1/2 x 9 GL	5 1/2 x 10 1/2 GL
C3	6x6 DF #1	6x6 DF #1	6x6 DF #1	6x8 DF #1	6x8 DF #1
C4		6x8 DF #1	5 1/2 x 7 1/2 GL	5 1/2 x 9 GL	5 1/2 x 10 1/2 GL
C5	TRIMMER: (3) 2x6 DF #2 KING: (3) 2x6 DF #2	TRIMMER: (3) 2x6 DF #2 KING: (3) 2x6 DF #2	TRIMMER: (4) 2x6 DF #2 KING: (3) 2x6 DF #2	TRIMMER: (5) 2x6 DF #2 KING: (3) 2x6 DF #2	TRIMMER: (6) 2x6 DF #2 KING: (3) 2x6 DF #2

NOTES:
1. TYPICAL INTERIOR COLUMN SHALL BE TYPE C3

City Of Portland
REVIEWED FOR CODE COMPLIANCE
Date: 02/11/20
Project: 19-105743-REV-01-CO

SERA

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REVISIONS

1	ADDENDUM 1	5/3/2019
A	PERMIT RESPONSE 1	6/03/2019
B	PERMIT RESPONSE 2	7/26/2019
C	PERMIT RESPONSE 3	9/18/2019
4	AB 02	11/01/2019
5	AB 04	12/11/2019

CHECKED BY:	TTT
ISSUE DATE:	27 SEP 2019
PROJECT NO:	1803002

ROOF FRAMING PLAN

S01.10

Construction Set