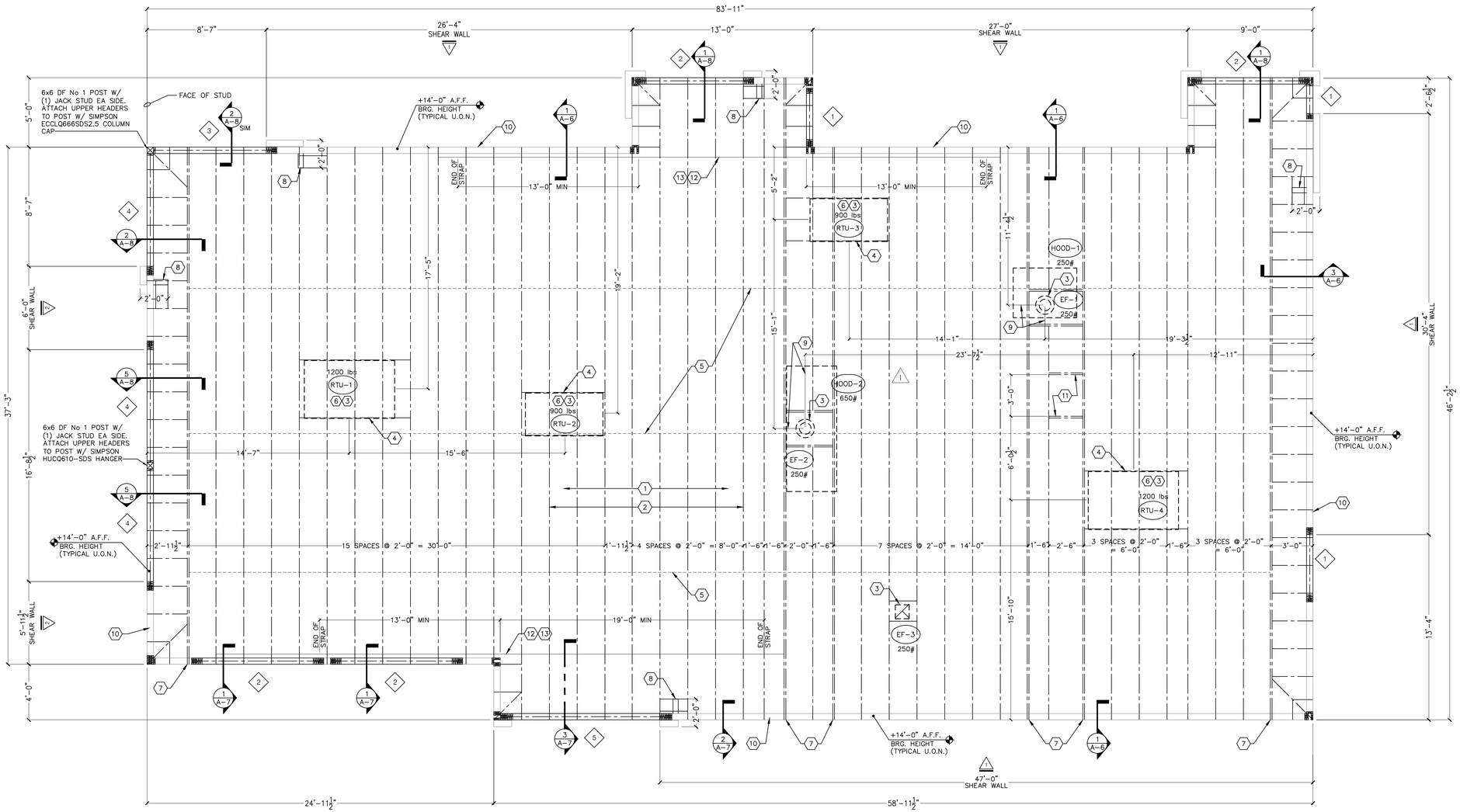


1 Wall & Roof Framing Plan

SCALE: 1/4" = 1'-0"

MARK	BUILT-UP HEADER MEMBERS	JACK STUD QTY	KING STUD QTY	ROWS OF NAILS
1	(3) 2x10	1	2	2
2	(3) 1-3/4" x 9-1/4" LVL	3	3	2
3	(3) 1-3/4" x 9-1/4" LVL	3	3	2
4	(3) 2x10	2 DF SELECT STRUCTURAL	3 DF SELECT STRUCTURAL	2
5	(3) 1-3/4" x 14" LVL	3	4	3

A. SEE 5/S-3 FOR ADDITIONAL INFO AND NAIL SPACING REQUIREMENTS.
B. SEE ARCH DRAWINGS FOR B.O. HEADER ELEV.
C. SEE PLAN FOR LOCATIONS WITH MULTIPLE HEADERS FRAMING INTO POST.

2 Built-Up Header Schedule

SCALE: NONE

TYPE	FASTENER SPACING / SHEATHING	REMARKS
BOUNDARY FASTENER	6" OC	-
EDGE FASTENER	6" OC	-
FIELD FASTENER	12" OC	-
ROOF SHEATHING	5/8" CDX PLYWOOD (40/20), PS1 RATING	-

A. FASTENERS SHALL BE COMMON WIRE 10d NAILS.
B. SEE 6/S-3 FOR ROOF NAILING PLAN.

3 Roof Nailing Schedule

SCALE: NONE

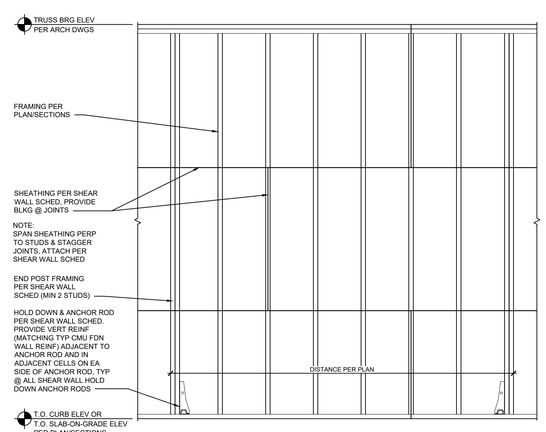
MARK	SHEATHING	EDGE FASTENER	FIELD FASTENER	HOLDDOWN/ANCHOR ROD (SEE NOTE H)	SILL PLATE ANCHORAGE	REMARKS
	1/2" CDX PLYWD (32/16), PS1 RATING	6" OC	12" OC	SIMPSON HDU4, 5/8" DIA x 12" EMBED	5/8" DIA F1554 (8x3) @ 32" OC W/ WASHER	PLWD ON EXT FACE OF STUD, 2-2x6 END POST
	1/2" CDX PLYWD (32/16), PS1 RATING	3" OC	12" OC	SIMPSON HDU14, 1" DIA x 42" EMBED	5/8" DIA F1554 (8x3) @ 16" OC W/ WASHER	PLWD ON BOTH FACES OF STUD, 5-2x6 DF SS END POST
	1/2" CDX PLYWD (32/16), PS1 RATING	6" OC	12" OC	SIMPSON HDU8, 7/8" DIA x 42" EMBED	5/8" DIA F1554 (8x3) @ 32" OC W/ WASHER	PLWD ON EXT FACE OF STUD, 3-2x6 END POST
***	1/2" CDX PLYWD (32/16), PS1 RATING	6" OC	12" OC	--	5/8" DIA A307 (8x3) @ 48" OC W/ WASHER	NAILING @ HEADERS PER 5/S-3

*** REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS

A. OSB OF EQUIVALENT THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
B. BLOCK ALL UNSUPPORTED EDGES W/ 2x MATERIAL UNO. BLOCK EDGES W/ 3x MATERIAL WHERE 10d NAILING IS 3" OC OR LESS.
C. ALL PLYWOOD NAILS SHALL BE COMMON WIRE.
D. EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS IN THE WALL FRAMING PLAN SHALL MEET THE REQUIREMENTS INDICATED FOR NON-SHEAR WALL WALLS IN THE SCHEDULE ABOVE.
E. SHEAR WALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.
F. PROVIDE EDGE FASTENERS ALONG EACH JACK & KING STUD/POST AT ENDS OF SHEAR WALLS.
G. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL & NAIL SPACING IS LESS THAN 6" OC ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO BE ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3X OR THICKER & NAILS ON EA SIDE SHALL BE STAGGERED.
H. ANCHOR ROD EMBEDMENT DEPTHS SHALL BE MEASURED FROM FINISH FLOOR.
I. 5/8" DIA x 5" LONG SIMPSON TITEN HD ANCHORS MAY BE USED AS AN ALTERNATIVE TO CAST-IN ANCHOR RODS FOR SILL PLATE ANCHORAGE, USING THE SAME SPACING REQUIREMENTS AS INDICATED ABOVE.
J. SHEAR WALL END POST FRAMING SHALL BE IN ADDITION TO JACK/KING STUDS REQUIRED AT END OF HEADER.
K. SHEAR WALL END POST FRAMING ADJACENT TO STEEL COLUMNS SHALL BE ATTACHED TO COLUMN PER TYPICAL WOOD TO STRUCTURAL STEEL CONNECTION DETAIL.

4 Shear Wall Schedule

SCALE: NONE



5 Typical Shear Wall Detail

SCALE: 3/4" = 1'-0"

FRAMING PLAN KEY NOTES:

1. PLYWOOD ROOF SHEATHING, REFER TO ROOF NAILING SCHEDULE, THIS SHEET.
2. PREFAB. WOOD TRUSSES AT 2'-0" OC MAX, TYP UNLESS NOTED.
3. ROOF OPENING FOR MECHANICAL SYSTEMS, REFER TO MECH SHEETS FOR SIZE OF ROOF PENETRATIONS.
4. DOUBLE 2x6 BETWEEN TRUSSES WITH SIMPSON LUS26-2 JOIST HANGER EACH END.
5. WOOD BRIDGING. REFERENCE DETAILS 3 & 4/S-3.
6. REFER TO M-2 FOR A/C CURB MOUNTING DETAIL.
7. DOUBLE STUDS AT EACH END OF GIRDER TRUSS, TYP UNLESS NOTED.
8. 2x4 FRAMED RETURN WALL AT RAISED PARAPET TOWER ELEMENT. REFER TO DETAILS 3 & 4/A-8.
9. CENTER LINE OF EXHAUST DUCT. VERIFY LOCATION IN FIELD. VERIFY DUCT SIZE WITH MANUFACTURER.
10. ALL WALL FRAMING SHALL BE 2x6 @ 16" OC, TYP UNLESS NOTED.
11. DOUBLE 2x6 BLOCKING AT TOP & BOTTOM CHORD OF TRUSS FOR ROOF SCUTTLE HATCH. REFER TO DETAIL #10, SHEET A-5.
12. SIMPSON CSMT14 STRAP ON TOP OF ROOF DECK. FASTEN THROUGH ROOF DECK TO BLOCKING OR TRUSS W/ (2) 10d NAILS @ 7" OC, STAGGER NAILS. SPLICE STRAP PER MANUFACTURER RECOMMENDATIONS.
13. DOUBLE 2x6 BLOCKING, W/ LUS26-2 HANGER EA END, AT TOP CHORD OF TRUSS FOR LENGTH OF STRAP.

FRAMING PLAN GENERAL NOTES:

A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED W/ SIMPSON PSCL CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EA TRUSS/SUPPORT. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE LOCATED BETWEEN TRUSSES, UNO.
C. SEE SHEET A-5 FOR DETAIL OF SCUPPERS, ROOF DRAINS, ROOF PENETRATIONS AND PITCH PANS.
D. REFERENCE MECHANICAL SHEETS FOR RTU MOUNTING DETAILS.
E. REFERENCE SHEET S-3 FOR DETAILS OF TRUSS PROFILES.
F. TYPICAL EXTERIOR WALL FRAMING SHALL BE 2x6 STUDS @ 16" OC.

Issued:		Date:
A	BKC Approval	10/29/2021
B	Permit Set	1/21/2022
C	Bid Set	1/24/2022
D	Construction Set	3/14/2022
E		

Revisions:		Date:
1	Addendum #1	2/8/2022
2		
3		
4		
5		
6		
7		
8		
9		

Seal Seal

PROJECT ARCHITECT/ENGINEER DATE

PROJECT LEAD DATE

PROJECT DESIGNER DATE

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Project Name & Location:

Framing Plan and Details

Drawing Name:

Date: 11/8/2021	Project No. 21-0327
Type: ROC-2502T	
Drawn By: SJF	S-2
Scale: As Noted	Drawing No.

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