

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.10 OF THE NRC 2018 EDITION.
- CS-WSP REFERS TO THE "CONTINUOUS SHEATHING - WOOD STRUCTURAL PANELS" WALL BRACING METHOD. 7/16" OSB SHEATHING SHALL BE INSTALLED ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS ATTACHED w/ 6d COMMON NAILS OR 8d (2 1/2" LONG x 0.113" DIA.) NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD (UNO).
- SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED WALL INFORMATION.

BRACED WALL DESIGN SUMMARY:

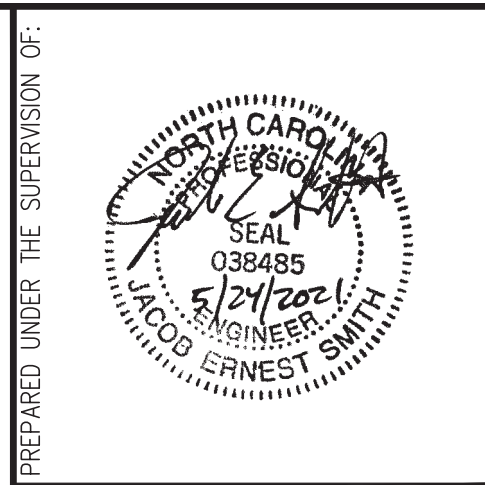
SIDE 1A	SIDE 3A
METHOD: CS-WSP	METHOD: CS-WSP/PF
REQUIRED LENGTH: 8.3'	REQUIRED LENGTH: 9.6'
PROVIDED LENGTH: 45.9'	PROVIDED LENGTH: 50.16'
SIDE 2A	SIDE 4A
METHOD: CS-WSP	METHOD: CS-WSP
REQUIRED LENGTH: 8.3'	REQUIRED LENGTH: 9.6'
PROVIDED LENGTH: 33.5'	PROVIDED LENGTH: 27.5'

SECOND FLOOR FRAMING STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO).
- ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 (UNO).
- WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO).
- INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS WHERE NOTED ON THE PLANS.
- SECURE 4 x 4 OR 6 x 6 POSTS TO CONCRETE/MASONRY w/ SIMPSON ABU44 OR ABU66 POST BASES. SECURE 4 x 4 OR 6 x 6 POSTS TO HEADERS/BEAMS w/ 700 LB CAPACITY UPLIFT CONNECTORS (UNO).
- REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

LEGEND

■	STUD COLUMN AT POINT LOADS THAT REQUIRE SOLID BLOCKING TO ORDER OR FOUNDATION.
■	AT DROPPED HEADERS: (1) JACK STUD AND (1) KING STUD (UNO).
■	AT FLUSH BEAMS: (2) STUDS (UNO).
■	OFFSET POINT LOAD FROM FLOOR ABOVE. MUST BE SUPPORTED BY BEAM, JOIST, OR BLOCKING AS NOTED ON THE PLANS.
---	BEAM OR HEADER AS NOTED
D	THIS LINE TYPE INDICATES PLUMBING OR APPLIANCES ON THE FLOOR ABOVE TO HELP ELIMINATE FRAMING CONFLICTS WITH UTILITIES. (FOR REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS)
X-X	BRACED WALL DIMENSIONS (FOR REFERENCE ONLY)
(UNO)	UNLESS NOTED OTHERWISE



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 N.C. CERTIFICATE NUMBER: P-2212

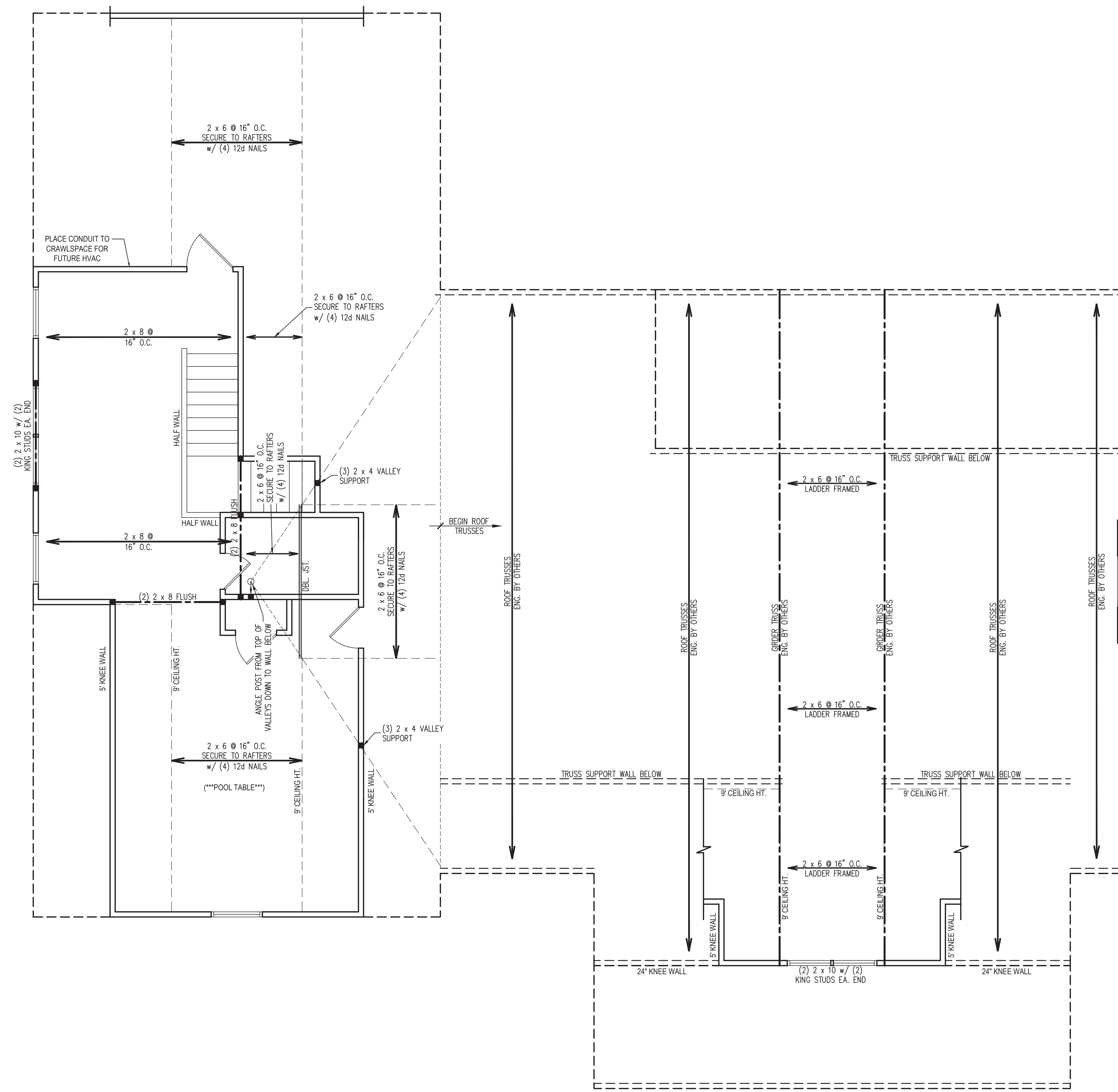


DIEMMA RESIDENCE
TRIANGLE HOME PROS, LLC

REVISIONS:

NO.	DESCRIPTION

DRAWN BY: K&A HOME DESIGN, INC.
 ENGINEERED BY: J. SMITH
 SCALE: 1/4" = 1'-0"
 DATE: 5-24-2021
 SHEET: 2 OF 5
S-2
SECOND FLOOR FRAMING PLAN



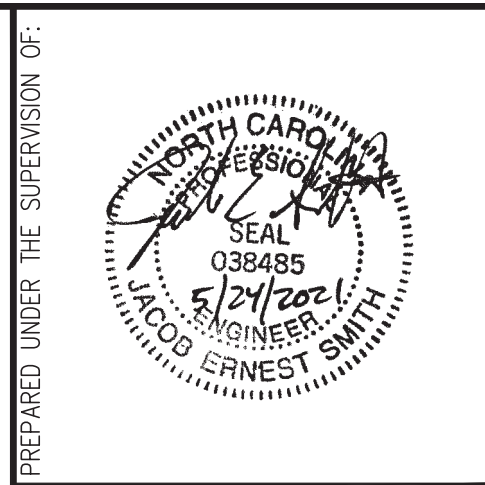
BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.10 OF THE NRC 2018 EDITION.
- PER TABLE R602.10.3 OF THE 2018 NRC, THE 2ND FLOOR IS CONTAINED WHOLLY WITHIN THE ROOF SYSTEM AND WALL BRACING ANALYSIS IS NOT REQUIRED ON THE 2ND FLOOR. IN ADDITION, THE 2ND FLOOR NEED NOT BE CONSIDERED A STORY IN THE FIRST FLOOR WALL BRACING ANALYSIS.
- CS-WSP REFERS TO THE "CONTINUOUS SHEATHING - WOOD STRUCTURAL PANELS" WALL BRACING METHOD. 7/16" OSB SHEATHING SHALL BE INSTALLED ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS ATTACHED w/ 6d COMMON NAILS OR 8d (2 1/2" LONG x 0.113" DIA.) NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD (UNO).
- SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED WALL INFORMATION.

CEILING FRAMING STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO).
- ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 (UNO).
- WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO).
- REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

LEGEND	
■	STUD COLUMN AT POINT LOADS THAT REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION.
—	AT DROPPED HEADERS: (1) JACK STUD AND (1) KING STUD (UNO).
—	AT FLUSH BEAMS: (2) STUDS (UNO)
---	BEAM OR HEADER AS NOTED
(UNO)	UNLESS NOTED OTHERWISE



PREPARED UNDER THE SUPERVISION OF:
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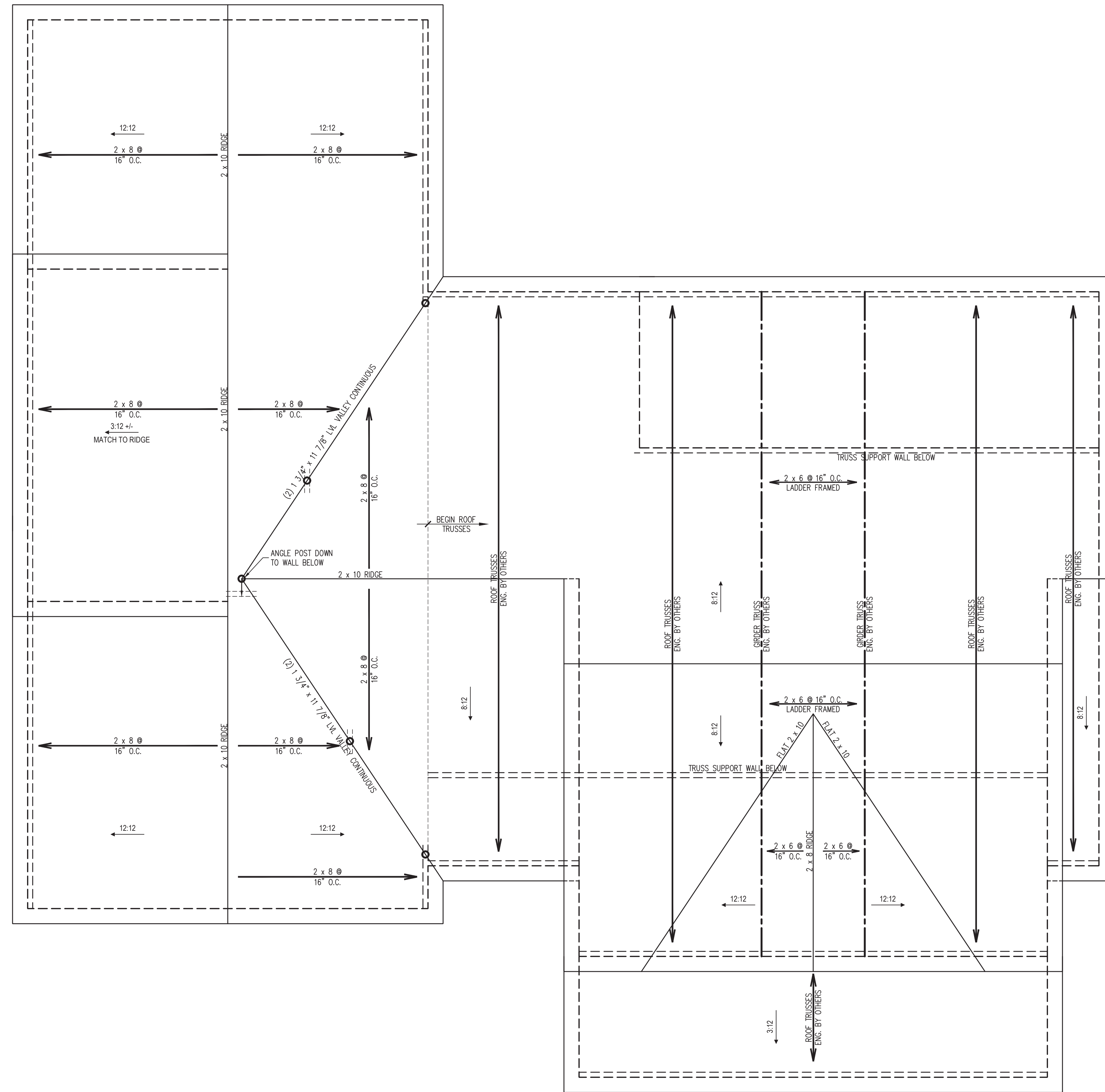
ENGINEERED BY: J. SMITH

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

DATE: 5-24-2021

SHEET: 3 OF: 5

S-3
CEILING FRAMING PLAN



- ROOF FRAMING STRUCTURAL NOTES:
1. ALL FRAMING LUMBER TO BE #2 SPF (UNO).
 2. SHEATH ROOF w/ 7/16" OSB SHEATHING SECURED w/ 8d NAILS @ 6" O.C. ALONG EDGES AND 12" O.C. IN THE FIELD.
 3. CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF SUPPORT.
 4. STICK FRAME OVER-FRAMED ROOF SECTIONS W/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10 VALLEYS OR USE VALLEY TRUSSES.
 5. FASTEN FLAT VALLEYS TO RAFTERS OR TRUSSES WITH SIMPSON H2.5A HURRICANE TIES @ 32" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING IF REQUIRED. SECURE RAFTERS TO FLAT VALLEYS WITH A MIN. OF (6) 12d TOE NAILS.
 6. TRUSS TO TRUSS CONNECTION PER TRUSS DESIGNER.
 7. INSTALL (3) SIMPSON H2.5A HURRICANE TIE (OR EQUAL) @ EA. RAFTER/TRUSS BEARING.
 8. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.



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

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SHEET: 4 OF: 5

S-4
ROOF FRAMING PLAN

