GENERAL STRUCTURAL NOTES

- THESE STRUCTURAL DRAWINGS SHALL BE USED TOGETHER WITH THE ARCHITECTURAL DRAWINGS AND THE PROJECT SPECIFICATIONS. VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE BEFORE CONSTRUCTION AND REPORT ANY DISCREPANCY TO THE ENGINEER OF RECORD (EOR).
- ALL MATERIALS, WORKMANSHIP, DESIGN AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, THE SPECIFICATIONS AND THE IBC 2024.
- THE STRUCTURE IS DESIGNED FOR THE COMPLETED CONDITION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, TEMPORARY BRACING AND SHORING.
- ITEMS LISTED AS FAIL, NOT VERIFIED OR NOT RUN IN THE SCHEDULES HAVE NOT BEEN ACCEPTED. THESE DRAWINGS ARE PRELIMINARY UNTIL EVERY ITEM IS PASS AND THE DESIGN DATA ARE VERIFIED AND SEALED BY THE EOR.

DESIGN CRITERIA

BUILDING CODE ..... **IBC 2024**
WOOD DESIGN ..... **NDS 2024**
SHEAR WALLS / DIAPHRAGMS **SDPWS-2021**
LOADS ..... **ASCE 7-22**
METHOD ..... **ASD**

DESIGN LOADING CRITERIA

R-201 ROOF DEAD (SLOPE) ..... **15 PSF**
R-201 ROOF LIVE ..... **20 PSF**
R-202 ROOF DEAD (SLOPE) ..... **15 PSF**
R-202 ROOF LIVE ..... **20 PSF**

WIND DESIGN DATA

ULTIMATE WIND SPEED V ..... **115 MPH**
RISK CATEGORY ..... **II**
EXPOSURE ..... **C**
TOPOGRAPHIC FACTOR KZT **1**
VELOCITY PRESSURE QH ..... **31.22 PSF**
ENCLOSURE / GCPI ..... **ENCLOSED, +/-0.18**
MWFRS ..... **CH. 27 DIRECTIONAL**
C&C ..... **CH. 30 PART 1, FIG. 30.3-2C**
STATUS ..... **PRELIMINARY**

SEISMIC DESIGN DATA

SDS / SD1 ..... **0.5 / 0.2**
R / CD ..... **6.5 / 4**
IE **1**
PROCEDURE ..... **EQUIVALENT LATERAL FORCE**

LATERAL FORCE SUMMARY

STORY SHEAR BY LEVEL AND DIRECTION (LB, STRENGTH LEVEL)

STORY (DIAPHRAGM ABOVE)	WIND X	WIND Y	SEISMIC Fx	SEISMIC Vx	GOVERNS X	GOVERNS Y
SECOND FLOOR (ROOF)	4,511	10,198	2,986	2,986	WIND	WIND
FIRST FLOOR (FLOOR AT SECOND FLOOR)	11,108	21,029	1,995	4,981	WIND	WIND

SEISMIC WEIGHT W ..... **64,749 LB**
PERIOD TA (ASCE 7 12.8.2.1) ..... **0.184 S**
CS (ASCE 7 12.8.1.1) **0.0769**
SEISMIC BASE SHEAR V = CS W ..... **4,981 LB**
WIND BASE SHEAR X / Y ..... **11,108 / 21,029 LB**

- GOVERNS COMPARES 0.6W WITH 0.7E (ASCE 7-22 2.4). SHEAR WALLS AND DIAPHRAGMS ARE DESIGNED FOR BOTH.

HOLD-DOWNS

- NO HOLD-DOWNS REQUIRED: THE DEAD LOAD RESISTS THE OVERTURNING AT EVERY SHEAR WALL END (SDPWS 4.3.6.4.2).

SNOW DESIGN DATA

ROOF SNOW LOAD S (MODEL) ..... **0 PSF**

- ROOF SNOW LOAD IS ZERO IN THE MODEL AND PG IS NOT ENTERED. CONFIRM PG = 0 FOR THE SITE (ASCE 7-22 FIG. 7.2-1), OR ENTER PG, CE AND CT IN BUILDING LOADS.

COMPONENTS AND CLADDING PRESSURES (PSF, STRENGTH LEVEL)

SURFACE / ZONE	10 SF	20 SF	50 SF	100 SF	500 SF
WALL ZONE 4	+31.3 / -34.0	+29.9 / -32.6	+28.0 / -30.7	+26.6 / -29.3	+23.4 / -26.0
WALL ZONE 5	+31.3 / -41.9	+29.9 / -39.1	+28.0 / -35.4	+26.6 / -32.6	+23.4 / -26.0
ROOF ZONE 3	+20.7 / -84.4	+18.9 / -71.6	+16.4 / -54.7	+16.0 / -41.9	+16.0 / -41.9
ROOF ZONE 2	+20.7 / -71.1	+18.9 / -60.7	+16.4 / -47.0	+16.0 / -36.6	+16.0 / -36.6
ROOF ZONE 1	+20.7 / -44.6	+18.9 / -40.3	+16.4 / -34.6	+16.0 / -30.3	+16.0 / -26.0
OVERHANG (SOFFIT NEXT TO WALL ZONE 4) ZONE 3	+49.9 / -110.9	+46.6 / -96.7	+42.3 / -78.0	+39.1 / -63.8	+34.0 / -60.5
OVERHANG (SOFFIT NEXT TO WALL ZONE 5) ZONE 3	+57.9 / -110.9	+53.2 / -96.7	+47.0 / -78.0	+42.4 / -63.8	+34.0 / -60.5
OVERHANG (SOFFIT NEXT TO WALL ZONE 4) ZONE 2	+49.9 / -97.7	+46.6 / -85.9	+42.3 / -70.3	+39.1 / -58.5	+34.0 / -55.2
OVERHANG (SOFFIT NEXT TO WALL ZONE 5) ZONE 2	+57.9 / -97.7	+53.2 / -85.9	+47.0 / -70.3	+42.4 / -58.5	+34.0 / -55.2
OVERHANG (SOFFIT NEXT TO WALL ZONE 4) ZONE 1	+49.9 / -71.1	+46.6 / -65.4	+42.3 / -57.9	+39.1 / -52.2	+34.0 / -44.6
OVERHANG (SOFFIT NEXT TO WALL ZONE 5) ZONE 1	+57.9 / -71.1	+53.2 / -65.4	+47.0 / -57.9	+42.4 / -52.2	+34.0 / -44.6

- PRESSURES BY EFFECTIVE WIND AREA, INTERNAL PRESSURE INCLUDED, 16 PSF MINIMUM (ASCE 7-22 30.2.2). MULTIPLY BY 0.6 FOR ASD. INTERPOLATE BETWEEN AREAS.

DEFERRED SUBMITTALS

- NO DEFERRED SUBMITTALS: THE MODEL HAS NO TRUSSES, I-JOISTS OR ENGINEERED WOOD PRODUCTS. SUBSTITUTIONS THAT INTRODUCE THEM BECOME DEFERRED SUBMITTALS (IBC 107.3.4.1).

STRUCTURAL OBSERVATION

- STRUCTURAL OBSERVATION IS NOT REQUIRED BY IBC 1704.6.1 OR 1704.6.2 FOR THIS BUILDING (RISK CATEGORY II, SEISMIC DESIGN CATEGORY -, HEIGHT 19 FT, 3 STORIES), UNLESS THE ENGINEER OF RECORD OR THE BUILDING OFFICIAL REQUIRES IT. ENGINEER OF RECORD TO CONFIRM.

WOOD

- FRAMING PLANS ARE INTENDED TO INDICATE LOADING CONDITIONS, MEMBER SIZES, SPAN, SUPPORTS, AND SHEARWALL/BRACED WALL LOCATIONS ONLY. CONTRACTOR SHALL COORDINATE FRAMING AND MEET ALL REQUIREMENTS OF THE BUILDING CODE. PROVIDE ADDITIONAL FRAMING MEMBERS AS REQUIRED.
- ALL WOOD FRAMING SHALL BE USED AT 19% MAXIMUM MOISTURE CONTENT. ALL DIMENSIONED LUMBER SHALL BE KILN DRIED.
- ALL WOOD MEMBERS SHALL BE GRADE STAMPED BY AN APPROVED LUMBER GRADING AGENCY.
- ALL EXTERIOR WALL SILL PLATES LOCATED WITHIN 8" OF THE FINAL EXTERIOR GRADE SHALL BE PRESSURE TREATED IN ACCORDANCE WITH THE SPECIFICATIONS. FOR EXTERIOR FIRE RETARDANT TREATED WALLS, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A PRODUCT MEETING BOTH THE FRT AND PRESSURE TREATED LUMBER REQUIREMENTS OF THE CODE, OR ELSE PROVIDE A CONTINUOUS SEPARATION BETWEEN THE CONCRETE AND EXTERIOR SILL PLATE BY MEANS OF A APPROVED COMPRESSIBLE FOAM GASKET.
- JOISTS, BEAMS, COLUMNS AND BUILT-UP POSTS SHALL NOT BE NOTCHED OR CORED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER OF RECORD.
- ROOF SHEATHING (NOT DIAPHRAGM-DESIGNED AREAS): 15/32" APA RATED SHEATHING 32/16, EXPOSURE 1. 8D COMMON (0.131" X 2-1/2") @ 6" EDGES / 12" FIELD (IBC TABLE 2304.10.2), PANEL CLIPS AT UNSUPPORTED EDGES. WHERE A ROOF DIAPHRAGM IS DESIGNED, SHEATHING AND NAILING PER THE DIAPHRAGM SCHEDULE.
- FLOOR SHEATHING: 23/32" APA RATED STURD-I-FLOOR 24 O.C., T&G, EXPOSURE 1. GLUED (ASTM D3498) AND NAILED 8D COMMON (0.131" X 2-1/2") @ 6" EDGES / 12" FIELD (IBC TABLE 2304.10.2). LONG DIMENSION PERPENDICULAR TO THE JOISTS, END JOINTS STAGGERED 4'-0".
- EXTERIOR WALL SHEATHING MAY BE 15/32" OSB OR EXTERIOR GYPSUM BOARD WALL SHEATHING EXCEPT AT THE FOLLOWING LOCATION WHERE OSB BOARD OR PLYWOOD SHEATHING MUST BE USED (**CONTRACTOR SHALL GAP BOARDS 1/8" PER BUILDING CODE REQUIREMENTS):
  - SHEAR WALLS AS INDICATED ON PLAN.
  - RIM BAND SHEATHING AT FLOOR TRUSSES PER DETAILS.
  - 4'-0 WIDTH AT ALL BUILDING CORNERS.
  - BACK UP TO MASONRY OR STONE VENEER.
- MATERIAL PROPERTY VALUES FOR FRT LUMBER SHALL BE SUBMITTED TO THE EOR FOR REVIEW AND SHALL INDICATE THE PERCENT REDUCTION IN MATERIAL STRENGTH AS A RESULT OF THE CHEMICAL IMPREGNATION PROCESS. MATERIAL PROPERTIES SHALL NOT BE REDUCED BY MORE THAN 10% OF THE SPECIFIED VALUES IN THE TABLE BELOW.
- MATERIAL PROPERTIES: THE FOLLOWING UNFACTORED ALLOWABLE STRESSES ARE BASED ON THE NATIONAL DESIGN SPECIFICATION (NDS) EDITION LISTED UNDER DESIGN CRITERIA, PUBLISHED BY THE AMERICAN WOOD COUNCIL.

MEMBER TYPE	MATERIAL	ALLOWABLE STRESS
SOLID SAWN BEAMS, JOISTS, LEDGERS, BLOCKING AND ALL OTHER LUMBER U.N.O.	#2 S.Y.P. (U.N.O.)	Fb = PER NDS STANDARDS Fv = PER NDS STANDARDS E = PER NDS STANDARDS
BEARING SILL & TOP PLATES	#2 D.F.L.	Fc (prep.) = 625 psi E = 1,600,000 psi
WALL STUDS	STUD D.F.L., STUD S.Y.P., #2 S.P.F. OR EQUAL	Fb = 650 psi Fc - 850 psi E = 1,300,000 psi
POST COLUMNS (5"X5" & LARGER)	#2 D.F.L.	Fb = 1,550 psi Fc - 1,000 psi E = 1,200,000 psi
GLULAM BEAMS	EWS 24F-V8/DF	Fb = 2,400 psi Fv = 265 psi E = 1,800,000 psi
LVL BEAMS	EWS 1.9E-2600F	Fbxx = 2,600 psi (EDGEWISE BENDING) Fbyy = 3,075 psi (FLATWISE BENDING) Fv= 265 psi E= 1,900,000 psi
PSL BEAMS	EWS 2.0E-2900F	Fbxx = 2,900 psi (EDGEWISE BENDING) Fbyy = 2,650 psi (FLATWISE BENDING) Fv = 285 psi E = 2,000,000 psi
ANTHONY POWER BEAM	EWS 30F-E2	Fbxx = 3000 psi (EDGEWISE BENDING) Fbyy = 1750 psi (FLATWISE BENDING) Fvx = 300 psi Fvy = 260 psi Ex = 2,100,000 psi Ey = 1,700,000 psi

- NAILING OF FRAMING MEMBERS SHALL BE IN ACCORDANCE TO THE INTERNATIONAL BUILDING CODE UNLESS NOTED OTHERWISE.
- ALL WOOD CONSTRUCTION CONNECTORS SHALL BE BY "SIMPSON STRONG-TIE" OR EQUAL AS APPROVED BY THE ENGINEER OF RECORD.
- PROVIDE A DOUBLE TOP PLATE AND A SINGLE BOTTOM PLATE AT ALL STUD WALLS. SPLICES OF THE PLATES SHALL BE CENTERED ON A DOUBLE STUD. TOP PLATE SHALL LAP AT ALL WALL INTERSECTIONS. FASTEN INTERIOR NON-BEARING WALL SILL PLATES TO CONCRETE WITH POWDER ACTUATED FASTENERS 0.145" X 2.5" WITH 3/4" WASHER AT 32" O.C. MAXIMUM.
- PROVIDE 1/2" DIAMETER GALVANIZED ANCHOR BOLTS AT 6'-0" ON CENTER MAXIMUM AT ALL EXTERIOR AND BEARING WALLS, UNLESS THE SILL DETAILS OR THE SHEAR WALL SCHEDULE SHOW A CLOSER SPACING (THE DESIGNED SPACING GOVERNS). ANCHOR BOLT LENGTH SHALL PROVIDE A MINIMUM OF 7" OF EMBEDMENT INTO WET CONCRETE. POST INSTALLED 1/2"Ø X 7" SIMPSON TITEN HD MAY BE SUBSTITUTED FOR ANCHOR BOLTS PROVIDED POST TENSIONING CABLES ARE LOCATED PRIOR TO DRILLING. EPOXY ANCHORS MAY BE ALLOWED WITH EOR APPROVAL. EXPANSION ANCHORS ARE NOT ALLOWED. EACH PLATE SEGMENT GREATER THAN 12" IN LENGTH SHALL HAVE A MINIMUM OF 2 ANCHOR BOLTS. ANCHOR BOLT SHALL BE INSTALLED A MAXIMUM OF 12" AND A MINIMUM OF 4" FROM EACH END OF EACH PLATE SEGMENT. REFER TO SHEAR WALL OR BRACED WALL NOTES FOR ADDITONAL ANCHORAGE REQUIREMENTS.
- PROVIDE STUD OR POST SUPPORT AT EACH END OF BEAMS/HEADERS PER BEAM SCHEDULE. BEAM SUPPORTS SHALL BE CONTINUOUSLY SUPPORTED THROUGH ALL FLOOR FRAMING TO THE SUPPORTING FOUNDATION/FRAMING.
- OPEN-WEBBED WOOD TRUSSES SHALL BE IN ACCORDANCE WITH SECTION 2303.4 OF THE INTERNATIONAL BUILDING CODE AND TRUSS PLATE INSTITUTE TPI 1 (EDITION REFERENCED BY THE ADOPTED IBC). TRUSS DESIGN DRAWINGS INCLUDING FRAMING LAYOUT SHALL BE SUBMITTED TO THE BUILDING OFFICIAL, ARCHITECT AND THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
- ALL LUMBER PLACED IN CONTACT WITH CONCRETE SURFACES SHALL BE PRESSURE TREATED PER THE SPECIFICATIONS.
- CORE HOLES AND NOTCHES IN STUD FRAMING SHALL BE IN ACCORDANCE WITH IBC SECTION 2308.9.11. WHERE THIS IS NOT IN COMPLIANCE, ADD AN ADDITIONAL STUD FOR EACH STUD IN VIOLATION OF 2308.9.11 WITHIN 6" OF THE LOCATION OF ORIGINAL STUD. SIMPSON STUD SHOE TYPE SS MAY BE USED FOR STUD REPAIR.
- ALL FASTENERS IN CONTACT WITH PRESSURE OR FIRE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE TO ASTM F1667 & A153.
- ALL SHEATHING SHALL NOT BE LESS THAN 4'X8' EXCEPT AT BOUNDARIES AND CHANGES IN THE FRAMING, IN WHICH CASE THE MINIMUM PANEL DIMENSION SHALL BE 24" UNLESS ALL EDGES ARE SUPPORTED BY FRAMING OR BLOCKING AND NAILED AT 6" O.C.
- ENGINEERED WOOD PRODUCTS (LVL, PSL, LSL, GLULAM, I-JOISTS): MANUFACTURER AND PRODUCT AS SCHEDULED, INSTALLED PER THE MANUFACTURER'S CURRENT LITERATURE. SUBSTITUTIONS REQUIRE THE EOR'S WRITTEN APPROVAL.
- SHEAR WALLS: SHEATHING, NAILING, HOLDOWNS, END POSTS AND ANCHORAGE PER THE SHEAR WALL SCHEDULE ON SHEET S-641.

WOOD TRUSS NOTES

- WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH ALL PROVISIONS OF IBC SECTION 2303.4
- TRUSSES SHALL BE DESIGNED FOR THE TRUSS SELF WEIGHT PLUS THE FOLLOWING SUPERIMPOSED LOADS & DEFLECTION CRITERIA, U.N.O

LOCATION	FLOOR	BALCONY	CORRIDOR	ROOF
TOP CHORD DEAD LOAD	14 PSF	22 PSF	22 PSF	10 PSF
BOTTOM CHORD DEAD LOAD	8 PSF	5 PSF	10 PSF	10 PSF
TOP CHORD LIVE LOAD	PER GEN. NOTE	PER GEN. NOTE	SAME AS FLOOR SERVED	PER GEN. NOTE

- TRUSSES SHALL BE DESIGNED FOR ALL REACTIONS OF SUPPORTED MEMBERS.
- TRUSS DESIGNER IS RESPONSIBLE FOR DESIGNING ALL TRUSS TO TRUSS CONNECTORS AND HANGERS, U.N.O.
- ALL PORTIONS OF FLOOR TRUSSES WITHIN EXTERIOR WALLS OF TYPE III CONSTRUCTION SHALL BE FIRE RETARDED TREATED.
- TRUSSES WITH NET UPLIFT IN EXCESS OF 600 LBS SHALL BE BROUGHT TO THE ATTENTION OF THE E.O.R.
- DRAG TRUSSES SHALL HAVE A SUFFICIENT NUMBER OF DIAGONALS SUCH THAT THE NET UPLIFT REACTIONS DO NOT EXCEED 600 LBS.
- TRUSSES CARRYING EXTERIOR WALL LOADS SHALL BE DESIGNED FOR A MINIMUM OF 15 PSF WALL LOAD.
- REFER TO PLAN FOR FRAMING ORIENTATION AND SUPPORTING FRAMING.
- REFER TO PLAN FOR SPECIAL LOADING CONDITIONS.
- TRUSS MFR. SHALL DESIGN FOR 40 PSF AT ROOFTOP UNITS. REFER TO MEP DRAWINGS FOR EXACT LOCATIONS.

DESIGN STATUS

MEMBERS PASS **0**
MEMBERS FAIL **0**
NOT VERIFIED / NOT RUN **42**
DATA NOT VERIFIED **118**

WOOD FRAMING (MATERIALS)

- SAWN LUMBER: GRADE-STAMPED PER DOC PS 20, 19% MAXIMUM MOISTURE CONTENT AT INSTALLATION. EACH MEMBER'S SPECIES AND GRADE IS SHOWN IN THE SCHEDULES.
- STRUCTURAL COMPOSITE LUMBER AND GLULAM: INSTALL PER THE MANUFACTURER'S CODE EVALUATION REPORT. GLULAM PER ANSI A190.1.
- WOOD IN CONTACT WITH CONCRETE OR MASONRY, AND SILL PLATES ON FOUNDATIONS: PRESERVATIVE-TREATED PER AWPA U1, USE CATEGORY UC2 MINIMUM (UC4A IN GROUND CONTACT) (IBC 2304.12).

CONNECTORS AND ANCHORAGE

- CONNECTORS ARE SIMPSON STRONG-TIE, CATALOG C-C-2026. INSTALL WITH THE FULL NUMBER, SIZE AND TYPE OF FASTENERS IN THE CATALOG FOR THE CAPACITY SHOWN. SUBSTITUTIONS REQUIRE THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
- CONNECTOR CALLOUTS STATE THE DEMAND D, THE ALLOWABLE A (D <= A), THE LOAD DURATION FACTOR CD AND THE CATALOG PAGE. ALLOWABLES ARE NOT INCREASED FURTHER FOR LOAD DURATION.
- SILL ANCHOR BOLTS: ASTM F1554 GR. 36 WITH ASTM A563 NUTS. AT SHEAR WALLS, PLATE WASHERS PER SDPWS 4.3.6.4.3. SIZE, SPACING AND EMBEDMENT PER THE ANCHORAGE PLAN AND THE SILL DETAILS.
- HOLD-DOWN ANCHOR RODS: ASTM F1554, SET WITH TEMPLATES BEFORE THE POUR. ANCHORAGE TO CONCRETE PER ACI 318-19 CHAPTER 17, COORDINATED WITH THE FOUNDATION DESIGN BY OTHERS.
- FOUNDATIONS ARE NOT PART OF THIS DESIGN. THE FOUNDATION ENGINEER DESIGNS THEM FOR THE BASE REACTIONS AND UPLIFT FROM THE WOOD DESIGN, INCLUDING THE CONCRETE AROUND THE ANCHORS SHOWN.

PROJECT DEFAULTS (WHERE THE MODEL DOES NOT SPECIFY)

- FLOOR SHEATHING: 23/32" APA RATED STURD-I-FLOOR 24 O.C., T&G, EXPOSURE 1 (PROJECT DEFAULT), GLUED (ASTM D3498) AND NAILED 8D COMMON (0.131" X 2-1/2") @ 6" EDGES / 12" FIELD (IBC TABLE 2304.10.2).
- ROOF SHEATHING: 15/32" APA RATED SHEATHING 32/16, EXPOSURE 1 (PROJECT DEFAULT), 8D COMMON (0.131" X 2-1/2") @ 6" EDGES / 12" FIELD (IBC TABLE 2304.10.2), PANEL CLIPS AT UNSUPPORTED EDGES.
- WALL SHEATHING (NOT SHEAR WALLS): 7/16" APA RATED SHEATHING, EXTERIOR FACE (PROJECT DEFAULT, NOT A SHEAR WALL), 6D COMMON (0.113" X 2") @ 6" EDGES / 12" FIELD (IBC TABLE 2304.10.2).
- STUD SPACING WHERE NOT IN THE WALL DESIGN: 16" O.C.
- SHEAR WALL SHEATHING AND NAILING: PER THE SHEAR WALL SCHEDULE (DESIGNED), NOT THESE DEFAULTS.

NAILING SCHEDULE (IBC 2024 TABLE 2304.10.2) U.N.O.

CONNECTION	FASTENING	METHOD
JOIST TO SILL, TOP PLATE OR GIRDER	(3) 8d	TOENAIL
BLOCKING BETWEEN JOISTS, RAFTERS OR TRUSSES TO TOP PLATE	(3) 8d	TOENAIL
RIM OR BAND JOIST TO TOP PLATE OR SILL	8d @ 6" O.C.	TOENAIL
SOLE PLATE TO JOIST, RIM OR BLOCKING (NOT A SHEAR WALL)	16d @ 16" O.C.	FACE NAIL
TOP PLATE TO STUD	(2) 16d	END NAIL
STUD TO SOLE PLATE	(4) 8d OR (2) 16d	TOENAIL / END NAIL
DOUBLE STUDS	16d @ 24" O.C.	FACE NAIL
DOUBLE TOP PLATES	16d @ 16" O.C.	FACE NAIL
DOUBLE TOP PLATE SPLICE, JOINTS OFFSET 24" MIN.	(8) 16d IN THE LAPPED LENGTH	FACE NAIL
TOP PLATE LAPS AT CORNERS AND INTERSECTIONS	(2) 16d	FACE NAIL
BUILT-UP HEADER, TWO PIECES	16d @ 16" O.C. EACH EDGE	FACE NAIL
HEADER TO KING STUD	(4) 8d	TOENAIL
RAFTER OR TRUSS TO TOP PLATE (WHERE NO TIE IS SCHEDULED)	(3) 10d	TOENAIL
BUILT-UP BEAM, 2" PLIES	20d @ 32" O.C. TOP AND BOTTOM, STAGGERED; (2) 20d AT ENDS AND SPLICES	FACE NAIL
WOOD STRUCTURAL PANELS UP TO 1/2"	6d @ 6" EDGES / 12" FIELD	U.N.O. ON SHEAR WALL / DIAPHRAGM SCHEDULES
WOOD STRUCTURAL PANELS 19/32" TO 1"	8d @ 6" EDGES / 12" FIELD	U.N.O. ON SHEAR WALL / DIAPHRAGM SCHEDULES
COMMON NAIL SIZES	6d = 0.113" x 2", 8d = 0.131" x 2-1/2", 10d = 0.148" x 3", 16d = 0.162" x 3-1/2", 20d = 0.192" x 4"	-

- WHERE THIS SCHEDULE AND IBC 2024 TABLE 2304.10.2 DIFFER, THE IBC GOVERNS. DESIGNED FASTENING ON THE DETAILS GOVERNS OVER THIS SCHEDULE.

DETAIL PACKAGE STATUS

- NOT FOR ISSUE: 7 UNRESOLVED DESIGN ITEMS. THEY ARE NOT DRAWN AND ARE LISTED IN THE UNRESOLVED DESIGN ITEMS REPORT.
  - L1-W1: NO FLOOR FRAMING ON WALL L1-W1 IN THE MODEL
  - L1-W2: NO FLOOR FRAMING ON WALL L1-W2 IN THE MODEL
  - L1-W4, L1-W5: NO FLOOR FRAMING ON WALL L1-W4 IN THE MODEL
  - L1-W4, L1-W5: NO ROOF OR FLOOR FRAMING ON WALL L2-W4 IN THE MODEL
  - L2-W3: H14 ON B-201 / L2-W3: FAIL (RATIO 2.72)
  - L2-W3: H14 ON B-201 / L2-W3: FAIL (RATIO 9.08)
  - P-201-R1: POST P-201-R1: POST BASE ABU46Z FAILED - CATALOG P.77; CONCRETE AND ANCHOR DESIGN BY THE ENGINEER
- DOCUMENTATION: INCOMPLETE - 8 CONDITION(S) WITHOUT DOCUMENTATION. DOCUMENTATION COMPLETENESS IS NOT ENGINEERING VERIFICATION.

DETAIL LEGEND

- SOURCE TAGS IN SCHEDULES: D = MEMBER DESIGN, C = CATALOG PICK, M = DRAWN MODEL, U = WALL ASSEMBLY TABLE, P = PRESCRIPTIVE CODE REFERENCE, DEF = PROJECT DEFAULT.
- CONNECTION STATUS: VERIFIED (CATALOG ALLOWABLE >= DEMAND), BEARING (CHECKED IN THE MEMBER DESIGN), STANDARD (PRESCRIPTIVE), MANUFACTURER (BY COMPONENT MANUFACTURER), UNRESOLVED (NOT ISSUED).
- DETAIL BUBBLE: DETAIL NUMBER OVER SHEET NUMBER. HEAVY LINES WITH X: MEMBERS CUT BY THE SECTION. DASHED: HIDDEN OR EMBEDDED.

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ABBREVIATIONS

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AFF.	ABOVE FINISH FLOOR	MAX.	MAXIMUM
ADD'L.	ADDITIONAL	MECH.	MECHANICAL
ALT.	ALTERNATE	MEZZ.	MEZZANINE
A.B.	ANCHOR BOLT	MID.	MIDDLE
L	ANGLE	MIN.	MINIMUM
ARCH.	ARCHITECT	MISC.	MISCELLANEOUS
BTWN.	BETWEEN	N.S.	NEAR SIDE
BOTT.	BOTTOM	NIC	NOT IN CONTRACT
B. L.	BRICK LEDGE	NTS	NOT TO SCALE
BLDG.	BUILDING	NO.	NUMBER
CANT.	CANTILEVER	O.C.	ON CENTER
CGC	CENTER OF GRAVITY OF CONC.	O.D.	OUTSIDE DIAMETER
CGS	CENTER OF GRAVITY OF STEEL	O.F.	OUTSIDE FACE
CIP	CAST IN PLACE	OPNG.	OPENING
℄	CENTERLINE	O.H.	OPPOSITE HAND
CLR.	CLEAR	PSL	PARALLEL STRAND LUMBER
CMU	CONCRETE MASONRY UNIT	PERP.	PERPENDICULAR
COL.	COLUMN	PL	PLATE
CONC.	CONCRETE	PCF	POUNDS/CUBIC FOOT
CONN.	CONNECTION	PSF	POUNDS/SQUARE FOOT
CONT.	CONTINUOUS	PSI	POUNDS/SQUARE INCH
C.J.	CONTROL JOINT	P.C.	PRECAST
CU. FT.	CUBIC FEET	PREFAB.	PREFABRICATED
CU. IN.	CUBIC INCH	P.L.	PROPERTY LINE
C. Y.	CUBIC YARD	R	RADIUS
DL	DEAD LOAD	REF.	REFERENCE
Δ	DEFLECTION	REINF.	REINFORCEMENT
DFL	DOUGLASS-FIR-LARCH	REM.	REMAINDER
DIA.	DIAMETER	REQ'D.	REQUIRED
DIAG.	DIAGONAL	REV.	REVISION
DIM.	DIMENSION	R.D.	ROOF DRAIN
DBL.	DOUBLE	RTU	ROOF TOP UNIT
D.P.T.C.	DOUBLE PITCH TOP CHORD	SCHED.	SCHEDULE
LL	DOUBLE ANGLE	SECT.	SECTION
DWLS.	DOWELS	SIM.	SIMILAR
DN.	DOWN	S	SIZE (BAR)
EA.	EACH	SC	STEEL COLUMN
E.F.	EACH FACE	SYP	SOUTHERN YELLOW PINE
E.W.	EACH WAY	SPA.	SPACING
EL.	ELEVATION	SPEC.	SPECIFICATION
ENGR.	ENGINEER	SPF	SPRUCE-PINE-FIR
EQ.	EQUAL	SQ.	SQUARE
EXIST.	EXISTING	STD.	STANDARD
E.J.	EXPANSION JOINT	SS	STAINLESS STEEL
EXT.	EXTERIOR	STL.	STEEL
F.S.	FAR SIDE	STL. BM.	STEEL BEAM
FT.	FEET	STIFF.	STIFFENER
F.F.	FINISH FLOOR	STRUCT.	STRUCTURAL
FLR.	FLOOR	SYM.	SYMMETRICAL
F.D.	FLOOR DRAIN	TEMP.	TEMPERATURE
GA.	GAGE OR GAUGE	T. & B.	TOP & BOTTOM
GALV.	GALVANIZED	T.O.	TOP OF
GLM	GLULAM LUMBER BEAM	T.O.C.	TOP OF CONCRETE
H.R.	HARD ROCK	T.O.S.	TOP OF SLAB

REVISION					
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SAMPLE TWO-STORY HOUSE

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S-000

GENERAL NOTES (CONT. FROM S-000)

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
HORIZ.	HORIZONTAL	T.O. STL.	TOP OF STEEL
IN.	INCH	T.O.W.	TOP OF WALL
INFO.	INFORMATION	TS	TUBE STEEL
I.D.	INSIDE DIAMETER	T	TYPE
I.F.	INSIDE FACE	TYP.	TYPICAL
INT.	INTERIOR	U.N.O.	UNLESS NOTED OTHERWISE
JST.	JOIST	VAR.	VARIES
K.	KIPS	VERT.	VERTICAL
K.O.	KNOCK OUT	WT.	WEIGHT
LVL	LAMINATED VENEER LUMBER	W.W.F.	WELDED WIRE FABRIC
LT. WT.	LIGHT WEIGHT	WL	WIND LOAD
L.F.	LINEAR FEET	W/	WITH
LL	LIVE LOAD	W/O	WITHOUT
LLH	LONG LEG HORIZONTAL	W.P.	WORKING POINT
LLV	LONG LEG VERTICAL	WP	WOOD POST
MFR.	MANUFACTURER		

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S-000A

STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS

SPECIAL INSPECTION NOTES:

1. SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 1705 OF THE INTERNATIONAL BUILDING CODE.
2. BUILDING OWNER SHALL BE RESPONSIBLE TO PRODUCE SPECIAL BUILDING INSPECTION BY AN APPROVED AGENCY AND SHALL BE RESPONSIBLE FOR ALL ASSOCIATED COSTS.
3. SPECIAL INSPECTOR SHALL HAVE QUALIFICATIONS SATISFACTORY TO THE BUILDING OFFICIAL AND BE RESPONSIBLE TO THE ENFORCING AGENCY HAVING JURISDICTION FOR THIS PROJECT.
4. CONTRACTOR SHALL NOTIFY SPECIAL INSPECTOR OF CONSTRUCTION SCHEDULES IN ADVANCE TO ALLOW FOR TIMELY INSPECTIONS.
5. SPECIAL INSPECTOR SHALL COOPERATE WITH THE CONTRACTOR IN TIMELY INSPECTIONS OF THE WORK.
6. CONTRACTOR SHALL MAKE AVAILABLE TO THE SPECIAL INSPECTOR A COMPLETE SET OF APPROVED SHOP DRAWINGS AT THE JOBSITE.
7. SPECIAL INSPECTOR SHALL IMMEDIATELY NOTIFY CONTRACTOR OF ALL DISCREPANCIES AND DEVIATIONS FROM THE CONTRACT DOCUMENTS AND APPROVED SHOP DRAWINGS.
8. SPECIAL INSPECTOR SHALL SUBMIT ALL REPORTS TO THE ENFORCING AGENCY HAVING JURISDICTION FOR THE PROJECT AND SUBMIT COPIES TO THE OWNER, CONTRACTOR, ARCHITECT AND ENGINEER OF RECORD.
9. SPECIAL INSPECTOR MUST SUBMIT TO THE ENFORCING AGENCY A SIGNED AND SEALED FINAL STATEMENT THAT THE PART OF THE PROJECT UNDER HIS INSPECTION RESPONSIBILITIES HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
10. "SPECIAL STRUCTURAL INSPECTION" SHALL NOT RELIEVE THE OWNER OR THEIR AGENT FROM REQUESTING THE JURISDICTION BUILDING DEPARTMENT INSPECTIONS REQUIRED BY SECTION 110 OF THE IBC.
11. SPECIAL INSPECTION AND TESTING REPORTS SHALL BE COMPLETED AND DISTRIBUTED AT THE COMPLETION OF EACH TASK. IF A TASK IS TO TAKE LONGER THAN (3) DAYS, PROVIDE REPORTS FOR EACH DAY. PROVIDE COPIES OF REPORTS TO: CONTRACTOR, OWNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. SPECIAL INSPECTOR TO KEEP A NON-COMPLIANCE LIST DOCUMENTING ITEMS INSPECTED NOT MEETING APPROVED CONSTRUCTION DOCUMENTS AND WHEN / HOW RESOLVED.
12. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.
13. STRUCTURAL MATERIALS MUST CONFORM TO APPLICABLE DESIGN STANDARDS, APPROVED RULES AND ACCEPTED METHODS OF ENGINEERING PRACTICE, PER IBC 1706.
14. CONCRETE, MASONRY AND STEEL CONSTRUCTION, INCLUDING ANCHORS CAST IN CONCRETE (FOUNDATIONS BY OTHERS): SPECIAL INSPECTIONS PER THE DOCUMENTS OF THE ENGINEER OF RECORD FOR THAT WORK.
15. IN ACCORDANCE WITH IBC CHAPTER 17, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:

Y/N = SPECIAL INSPECTION REQUIRED (Y/N). CONT. = CONTINUOUS DURING TASK LISTED. PERIODIC = PERIODICALLY DURING TASK LISTED. IBC REF. = IBC REFERENCE. REF. STANDARD = REFERENCE STANDARD (REFERENCE FOR CRITERIA).

SPECIAL INSPECTION SUMMARY

NO.	TYPE OF WORK	REQUIRED Y/N
1	WOOD CONSTRUCTION	Y
2	WIND FORCE RESISTING SYSTEMS	N
3	SEISMIC FORCE RESISTING SYSTEMS (REQUIRED WHEN SDC = C, D, E or F) AND DESIGNATED SEISMIC SYSTEMS (Required when SDC = D, E or F)	N
4	COLD FORMED METAL FRAMING	N
5	STRUCTURAL TESTING FOR SEISMIC RESISTANCE	N

1. SPECIAL INSPECTION AND VERIFICATION WOOD CONSTRUCTION

1. SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 1705.5 OF THE INTERNATIONAL BUILDING CODE.
2. PERIODICALLY INSPECT ALL FLOOR AND ROOF TRUSSES FOR PROPER ORIENTATION AND BEARING SUPPORT LOCATIONS.
3. PERIODICALLY INSPECT LUMBER GRADE STAMPS FOR SPECIES AND GRADING.
4. PERIODICALLY INSPECT BEAMS AND POSTS FOR PROPER SIZE AND ORIENTATION.

2. SPECIAL INSPECTION OF WIND FORCE RESISTING SYSTEMS

Y/N	VERIFICATION AND INSPECTION TASK	CONT.	PERIODIC	IBC REF.	REF. STANDARD
N	1. WOOD STRUCTURE PANEL SHEATHING, NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, NAIL OR STAPLE DIAMETER AND LENGTH, NUMBER OF FASTENER LINES, AND SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS AGREES WITH THE APPROVED BUILDING PLANS.	-----	X	1705.10.1	

3. SPECIAL INSPECTION OF SEISMIC FORCE RESISTING SYSTEMS (REQUIRED WHEN SDC = C, D, E OR F) AND DESIGNATED SEISMIC SYSTEMS (REQUIRED WHEN SDC = D, E OR F)

Y/N	VERIFICATION AND INSPECTION TASK	CONT.	PERIODIC	IBC REF.	REF. STANDARD
1. STRUCTURAL STEEL:					
N	a. STRUCTURAL WELDING REQUIRED BY AISC 341	X	-----		
2. STRUCTURAL WOOD:					
N	a. FIELD GLUING OPERATIONS OF ELEMENTS IN THE SEISMIC-FORCE-RESISTING SYSTEM.	X	-----		
N	b. NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC-FORCE-RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS,DRAG STRUTS, BRACES, AND HOLD DOWNS.(ENGINEERS NOTE: SEE SECTIONS 1707.3 AND 1705.3 EXCEPTION.)	-----	X		
3. COLD -FORMED STEEL FRAMING:					
N	a. WELDING OF ELEMENTS IN SEISMIC-FORCE RESISTANCE	-----	X		
N	b. SCREW ATTACHMENTS, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC-FORCE-RESISTING SYSTEM.	-----	X		
4. STORAGE RACKS AND ACCESS FLOORS:					
N	a. ANCHORAGE	-----	X		

4. SPECIAL INSPECTION AND VERIFICATION OF COLD FORMED METAL FRAMING

Y/N	VERIFICATION AND INSPECTION TASK	CONT.	PERIODIC	IBC REF.	REF. STANDARD
N	1. SEATING OF STUDS IN TRACK.	-----	X		
N	2. WELDING OF ELEMENTS.	-----	X	1705.8	
N	3. SCREW ATTACHMENTS, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS.	-----	X		
N	4. STEEL STUD BRIDGING SPACING AND END ATTACHMENT.	-----	X		
N	5. WELDED CONNECTIONS ARE TOUCHED UP WITH PAINT.	-----	X		

4. SPECIAL INSPECTION AND VERIFICATION OF COLD FORMED METAL FRAMING (CONT.)

Y/N	VERIFICATION AND INSPECTION TASK	CONT.	PERIODIC	IBC REF.	REF. STANDARD
N	6. VERIFY STRUCTURAL STUD SIZE, DEPTH, AND GAGE.	-----	X		

5. STRUCTURAL TESTING FOR SEISMIC RESISTANCE

Y/N	VERIFICATION AND INSPECTION TASK	CONT.	PERIODIC	IBC REF.	REF. STANDARD
N	1. VERIFICATION OF F'm AND F'AAC BY UNIT STRENGTH METHOD FOR ENGINEERED MASONRY IN OCCUPANCY CATEGORY I, II, OR III.	-----	X		
N	2. VERIFICATION OF F'm AND F'AAC BY UNIT STRENGTH METHOD PRIOR TO CONSTRUCTION AND FOR EVERY 5,000 SQUARE FEET PLACED DURING CONSTRUCTION AND VERIFICATION OF PROPORTIONS OF MATERIALS IN MORTAR AND GROUT AS DELIVERED TO THE JOB SITE FOR ENGINEERED MASONRY IN OCCUPANCY CATEGORY IV.	-----	X		
N	3. REINFORCING AND PRESTRESSING STEEL CERTIFIED MILL TEST REPORTS SHALL BE PROVIDED FOR EACH SHIPMENT OF REINFORCING STEEL.	-----	X		
N	4. STRUCTURAL STEEL	AS REQUIRED BY AISC 341	AS REQUIRED BY AISC 341	1705.12.2	
N	5. STRUCTURAL WELDING OF BASE METAL THICKER THAN 1.5 INCHES.	X	-----		

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SAMPLE TWO-STORY HOUSE

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S-001

BEAM / HEADER SCHEDULE

BEAM MARK	BEAM SIZE	MATERIAL	USED AT	MAX. SPAN	STATUS
A	4" X 6"	DF-L No.2	H-01, H-02, H-03, H-04, H-05, H-06, H-08, H-09, H-101, H-102, H-103, H-104, H-105, H-106, H-108...	6'-3"	NOT RUN
B	4" X 10"	DF-L No.2	H-07, H-107	6'-3"	NOT RUN
C	2" X 12"	DF-L SS	J-2	19'-9"	NOT RUN
D	4" X 12"	DF-L No.1	B-201	40'-0"	NOT RUN

HEADERS: KING AND JACK STUDS PER THE TYPICAL HEADER DETAIL. BEAM HANGERS / BEARING PER THE CALCULATION PACKAGE.

TYPICAL BEARING WALL STUD SCHEDULE

WALL TYPE	STUDS	MAX. HEIGHT	WALLS	MAX. WIND (PSF)	STATUS
W1	2" X 6" DF-L Stud STUDS @ 16" O.C.	9'-3"	W-L1-W1, W-L1-W2, W-L1-W4, W-L1-W5, W-L2-W1, W-L2-W2	37.8	NOT RUN
W2	2" X 4" DF-L Stud STUDS @ 16" O.C.	9'-3"	W-L1-W6	36.8	NOT RUN

WIND PRESSURES ARE STRENGTH-LEVEL C&C (ASCE 7) FOR THE STUDS OF EACH WALL. FULL-HEIGHT STUDS AT EACH WALL END.

FRAMING SCHEDULE

TAG	MARK	LEVEL	MEMBER	SPAN	QTY	STATUS
R1	R-201	SECOND FLOOR	2" X 8" DF-L No.2 WOOD RAFTER @ 24" O.C.	15'-0"	22	NOT RUN
R1	R-202	SECOND FLOOR	2" X 8" DF-L No.2 WOOD RAFTER @ 24" O.C.	15'-0"	22	NOT RUN

WOOD POST SCHEDULE

POST MARK	LEVEL	SIZE / MATERIAL	HEIGHT	STATUS
P-201-R1	SECOND FLOOR	4" X 6" DF-L No.2	7'-6"	NOT RUN

MEMBER DESIGN SUMMARY

MARK	LEVEL	TYPE	SIZE / DESCRIPTION	STATUS
H-01	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-02	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-03	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-04	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-05	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-06	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-07	FIRST FLOOR	HEADER B	4" X 10" DF-L No.2	NOT RUN
H-08	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-09	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-101	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-102	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-103	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-104	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-105	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-106	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-107	FIRST FLOOR	HEADER B	4" X 10" DF-L No.2	NOT RUN
H-108	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-109	FIRST FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
J-2	FIRST FLOOR	BEAM C	2" X 12" DF-L SS	NOT RUN
W-L1-W1	FIRST FLOOR	WALL W1	2" X 6" DF-L Stud STUDS @ 16" O.C.	NOT RUN
W-L1-W2	FIRST FLOOR	WALL W1	2" X 6" DF-L Stud STUDS @ 16" O.C.	NOT RUN
W-L1-W4	FIRST FLOOR	WALL W1	2" X 6" DF-L Stud STUDS @ 16" O.C.	NOT RUN
W-L1-W5	FIRST FLOOR	WALL W1	2" X 6" DF-L Stud STUDS @ 16" O.C.	NOT RUN
W-L1-W6	FIRST FLOOR	WALL W2	2" X 4" DF-L Stud STUDS @ 16" O.C.	NOT RUN
B-201	SECOND FLOOR	BEAM D	4" X 12" DF-L No.1	NOT RUN
H-10	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-11	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-12	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-13	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-201	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-202	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-203	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
H-204	SECOND FLOOR	HEADER A	4" X 6" DF-L No.2	NOT RUN
W-L2-W1	SECOND FLOOR	WALL W1	2" X 6" DF-L Stud STUDS @ 16" O.C.	NOT RUN
W-L2-W2	SECOND FLOOR	WALL W1	2" X 6" DF-L Stud STUDS @ 16" O.C.	NOT RUN

REVISION

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SAMPLE TWO-STORY HOUSE

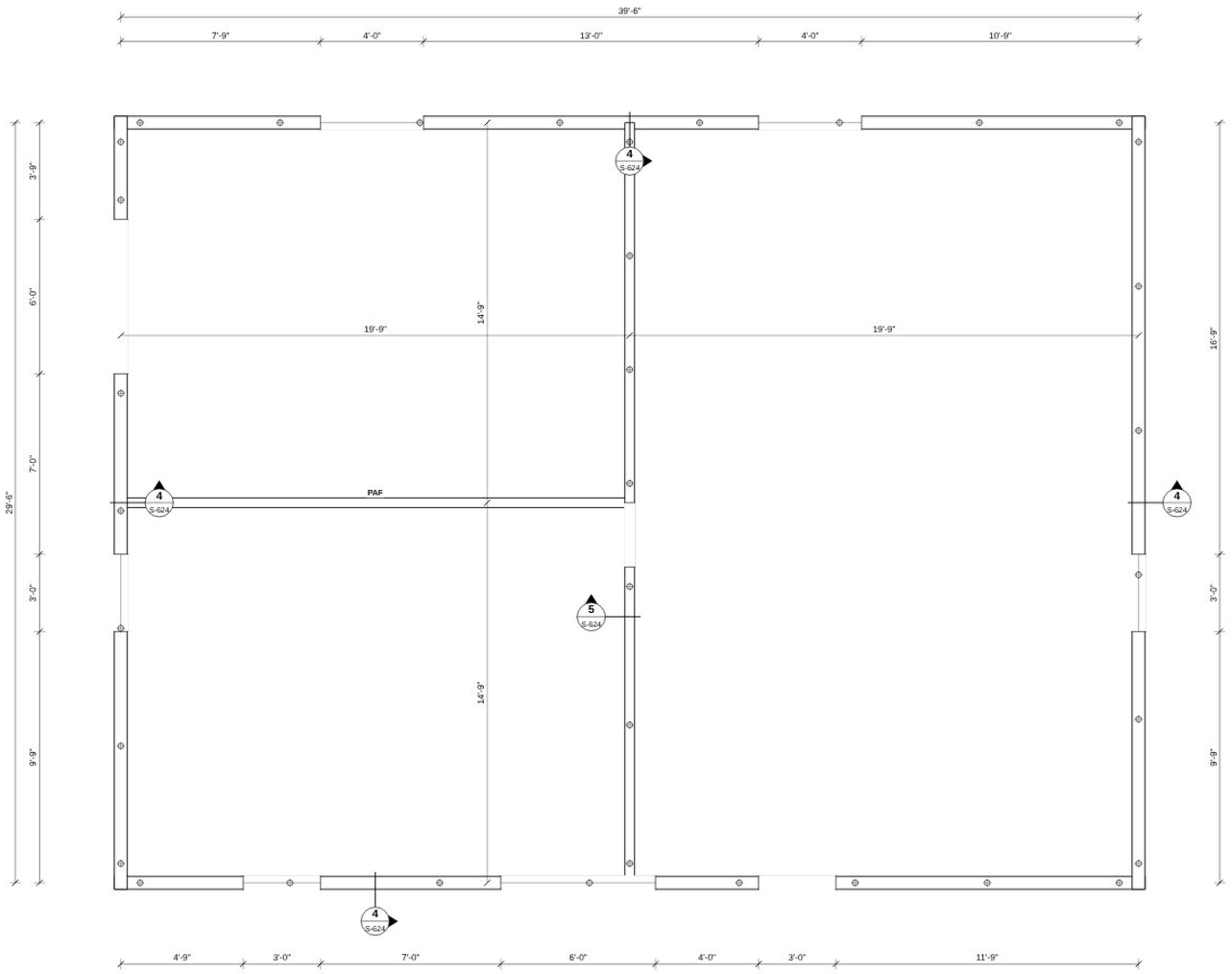
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S-006



1 ANCHORAGE PLAN

S-100 SCALE: 3/8" = 1'-0" 0 1 2 4 FEET

TRUE NORTH

ANCHORAGE PLAN NOTES:

1. FOUNDATIONS AND THE SLAB ON GRADE ARE BY OTHERS AND ARE NOT PART OF THESE DRAWINGS. THIS PLAN LOCATES THE WOOD-TO-CONCRETE ANCHORAGE ONLY.
2. ANCHOR BOLTS (CIRCLE WITH CROSS): 1/2" DIA. WITH NUT AND WASHER, 7" MIN. EMBEDMENT, 4" TO 12" FROM PLATE ENDS AND SPLICES, AT THE SPACING IN THE SCHEDULE (6'-0" O.C. MAX.). SHEAR WALLS: 3" X 3" X 0.229" PLATE WASHERS.
3. SHEAR WALL ANCHOR BOLT SPACING IS FROM THE SHEAR WALL DESIGN. SHEAR WALLS ARE HATCHED.
4. HOLD-DOWNS (FILLED TRIANGLE) AT SHEAR WALL SEGMENT ENDS WHERE THE DESIGN SHOWS NET UPLIFT. INSTALL PER THE MANUFACTURER. HOLD-DOWN ANCHORS AND THEIR EMBEDMENT SHALL BE COORDINATED WITH THE FOUNDATION DESIGN BY OTHERS.
5. INTERIOR NON-BEARING WALLS (PAF): POWDER-ACTUATED FASTENERS PER THE GENERAL NOTES.
6. ANCHORS SHALL BE CAST IN PLACE. POST-INSTALLED ANCHORS REQUIRE THE APPROVAL OF THE ENGINEER OF RECORD.
7. DIMENSIONS ARE TO THE WALL LINES OF THE MODEL; VERIFY WITH THE ARCHITECTURAL DRAWINGS.
8. WALL SECTION MARKS ON THIS PLAN (DETAIL / SHEET): 4/S-624 WALL AT FOUNDATION; 5/S-624 WALL AT FOUNDATION.

ANCHORAGE SCHEDULE

WALL	TYPE	ANCHOR	SPACING	HOLD-DOWN
L1-W1	EXTERIOR BEARING	1/2" DIA. A.B.	6'-0" O.C. MAX.	-
L1-W2	EXTERIOR BEARING	1/2" DIA. A.B.	6'-0" O.C. MAX.	-
L1-W3	INTERIOR NON-BEARI...	PAF PER GENERAL...	-	-
L1-W4	EXTERIOR BEARING	1/2" DIA. A.B.	6'-0" O.C. MAX.	-
L1-W5	EXTERIOR BEARING	1/2" DIA. A.B.	6'-0" O.C. MAX.	-
L1-W6	BEARING	1/2" DIA. A.B.	6'-0" O.C. MAX.	-

LEGEND

- ANCHOR BOLT
- HOLD-DOWN (MODEL AS NOTED)
- SHEAR WALL
- WOOD STUD WALL
- PAF — POWDER-ACTUATED FASTENERS

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SAMPLE TWO-STORY HOUSE

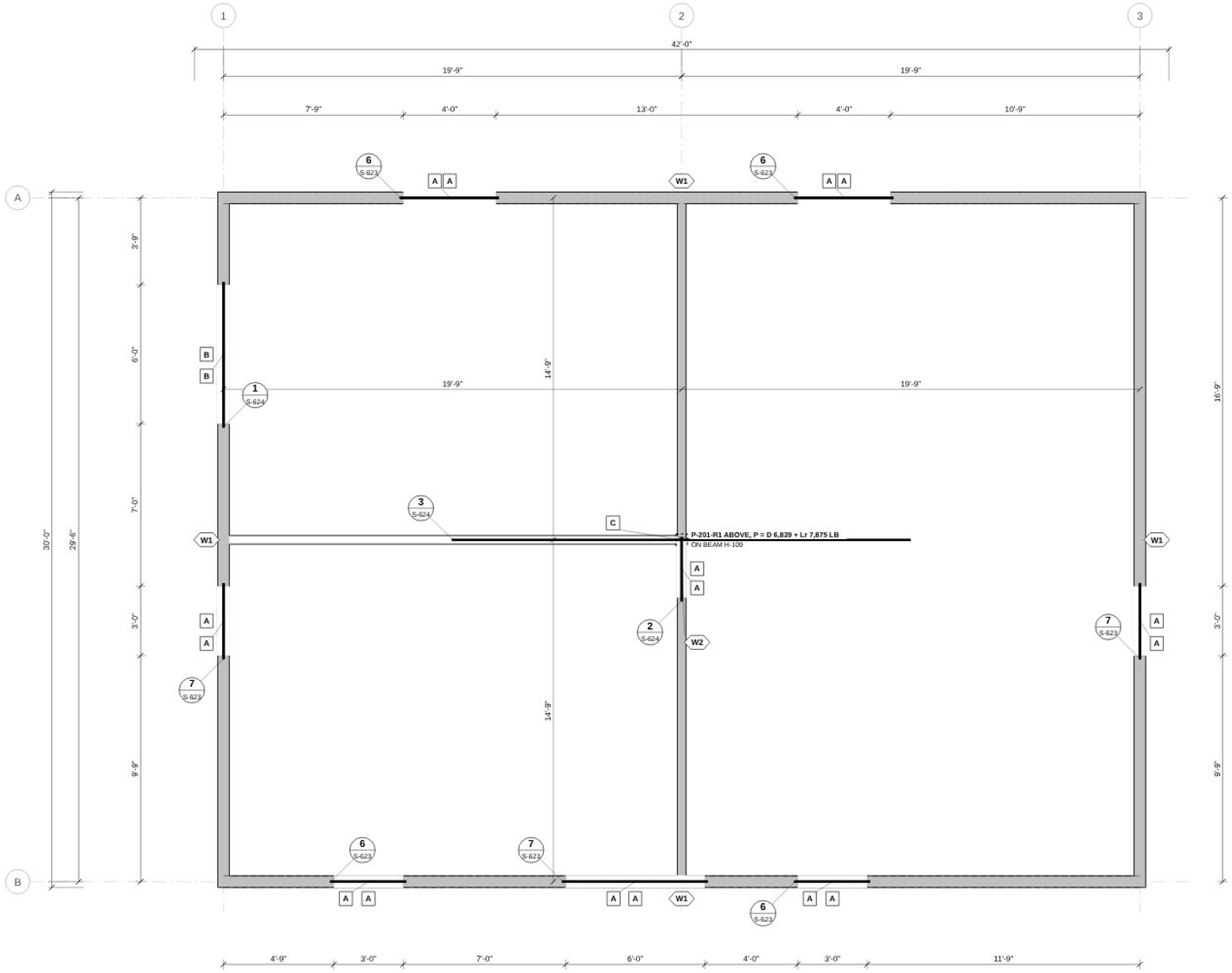
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S-100



1 SECOND FLOOR FRAMING

SCALE: 3/8" = 1'-0" 0 1 2 4 FEET

TRUE NORTH

FLOOR FRAMING NOTES:

1. FRAMING MEMBERS ARE SHOWN ON CENTER; SIZES AND SPACING PER THE PLAN CALLOUTS AND THE SCHEDULES ON SHEET S-006.
2. POST / STUD PACKS SHALL BE CONTINUOUS TO THE FOUNDATION.
3. WALLS WITH A WALL TYPE TAG (W#) ARE LOAD BEARING; STUDS PER THE STUD WALL SCHEDULE ON SHEET S-006.
4. BEAM / HEADER TAGS (A, B, ...) PER THE BEAM / HEADER SCHEDULE ON SHEET S-006; FRAMING TAGS PER THE PLAN TAGS TABLE AND THE FRAMING SCHEDULE. WOOD BEAMS OVER DOORS AND WINDOWS ARE HEADERS U.N.O.
5. REFERENCE SHEET S-000 FOR GENERAL NOTES AND DESIGN CRITERIA, S-001 FOR SPECIAL INSPECTIONS AND S-006 FOR WOOD FRAMING SCHEDULES.
6. SECTIONS, DETAILS AND SCHEDULES GENERATED FROM THE MODEL ARE ON THE S-600 SERIES SHEETS; DETAIL BUBBLES ON THIS PLAN GIVE DETAIL / SHEET.
7. DASHED DOUBLE LINE = BEARING WALL ABOVE. DASHED SQUARE WITH X = POST ABOVE, WITH ITS POINT LOAD (UNFACTORED, BY LOAD CASE) AND WHAT CARRIES IT. UNDER EVERY POST ABOVE PROVIDE SOLID BLOCKING OR SQUASH BLOCKS (AT I-JOISTS AND RIM BOARD) THE FULL WIDTH OF THE POST, CONTINUOUS TO THE SUPPORT BELOW.

LEGEND

TRUSS / JOIST		HEADER	
RIDGE		BEARING WALL	
RAFTER		SHEAR WALL	
WOOD STACKING		BEARING WALL ABOVE	
BEAM		POST ABOVE	

PLAN TAGS

W1	BEARING WALL: 2" X 6" DF-L STUD STUDS @ 16" O.C.
W2	BEARING WALL: 2" X 4" DF-L STUD STUDS @ 16" O.C.
A	HEADER / BEAM: 4" X 6" DF-L NO.2
B	HEADER / BEAM: 4" X 10" DF-L NO.2
C	BEAM: 2" X 12" DF-L SS

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SAMPLE TWO-STORY HOUSE

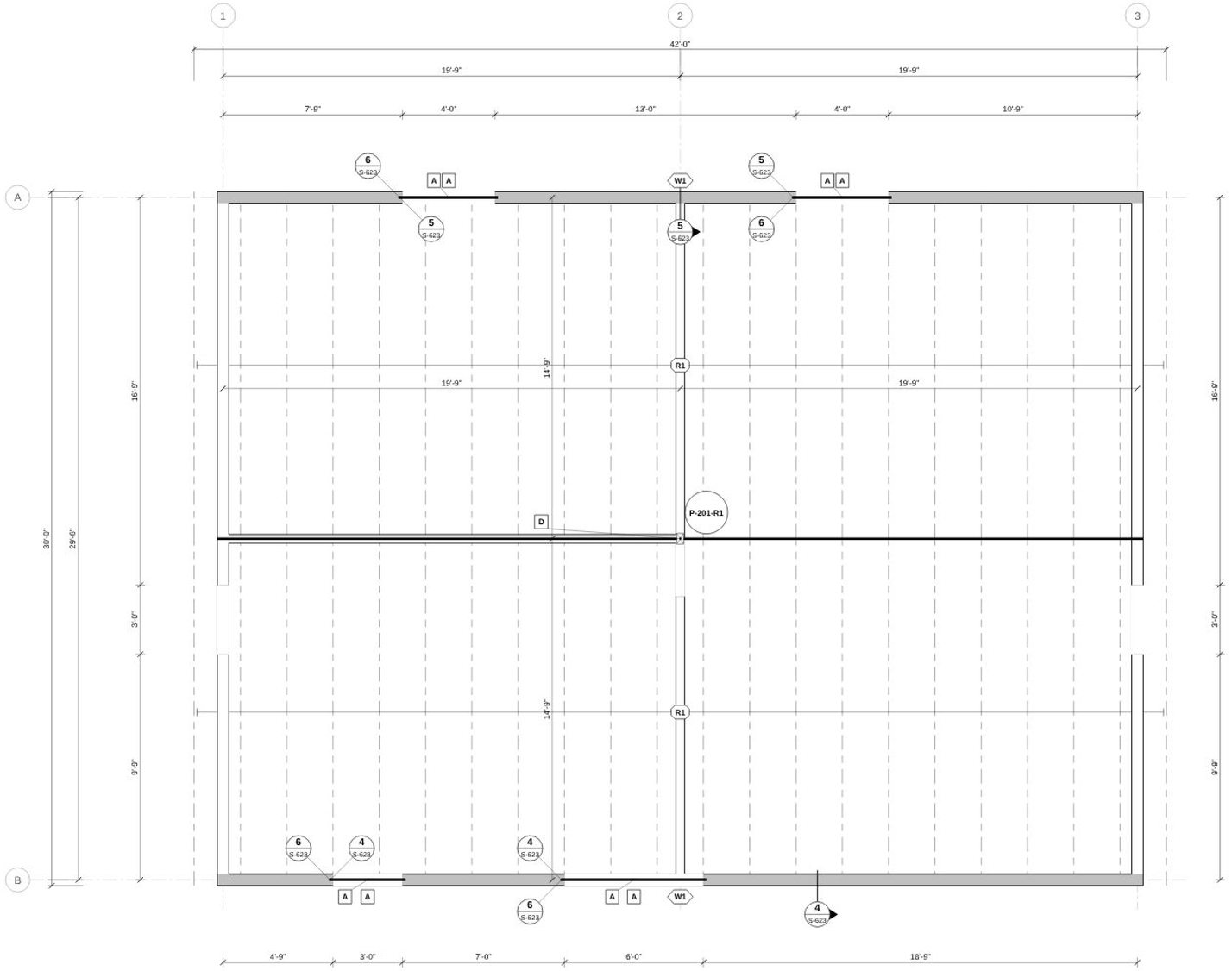
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S-101



ROOF FRAMING

1 / S-102 — SCALE: 3/8" = 1'-0" (0 1 2 4 FEET)

TRUE NORTH

ROOF FRAMING NOTES:

1. FRAMING MEMBERS ARE SHOWN ON CENTER; SIZES AND SPACING PER THE PLAN CALLOUTS AND THE SCHEDULES ON SHEET S-006.
2. POST / STUD PACKS SHALL BE CONTINUOUS TO THE FOUNDATION.
3. WALLS WITH A WALL TYPE TAG (W#) ARE LOAD BEARING; STUDS PER THE STUD WALL SCHEDULE ON SHEET S-006.
4. BEAM / HEADER TAGS (A, B, ...) PER THE BEAM / HEADER SCHEDULE ON SHEET S-006; FRAMING TAGS PER THE PLAN TAGS TABLE AND THE FRAMING SCHEDULE. WOOD BEAMS OVER DOORS AND WINDOWS ARE HEADERS U.N.O.
5. REFERENCE SHEET S-000 FOR GENERAL NOTES AND DESIGN CRITERIA, S-001 FOR SPECIAL INSPECTIONS AND S-006 FOR WOOD FRAMING SCHEDULES.
6. SECTIONS, DETAILS AND SCHEDULES GENERATED FROM THE MODEL ARE ON THE S-600 SERIES SHEETS; DETAIL BUBBLES ON THIS PLAN GIVE DETAIL / SHEET.
7. WALL SECTION MARKS ON THIS PLAN (DETAIL / SHEET): 4/S-623 ROOF AT EXTERIOR WALL - FRAMING BEARING; 5/S-623 ROOF AT EXTERIOR WALL - FRAMING BEARING.

LEGEND

TRUSS / JOIST		BEAM	
RIDGE		HEADER	
RAFTER		BEARING WALL	
WOOD STACKING		SHEAR WALL	

PLAN TAGS

R1	2" X 8" WOOD RAFTER @ 24" O.C. DF-L NO.2
W1	BEARING WALL: 2" X 6" DF-L STUD STUDS @ 16" O.C.
A	HEADER / BEAM: 4" X 6" DF-L NO.2
D	BEAM: 4" X 12" DF-L NO.1
P-201-R1	POST: 4" X 6" DF-L NO.2

REVISION					
N.O.	DESCRIPTION	DB	CB	AB	DATE
0	ISSUED FOR REVIEW				11/07/26

SAMPLE TWO-STORY HOUSE

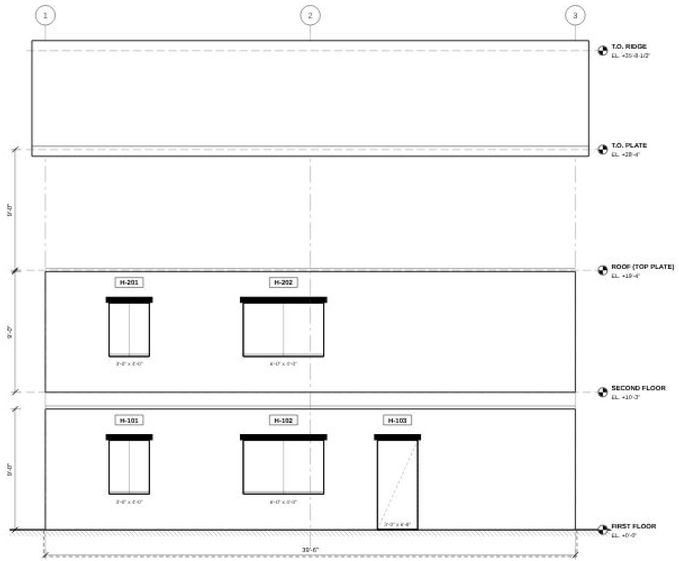
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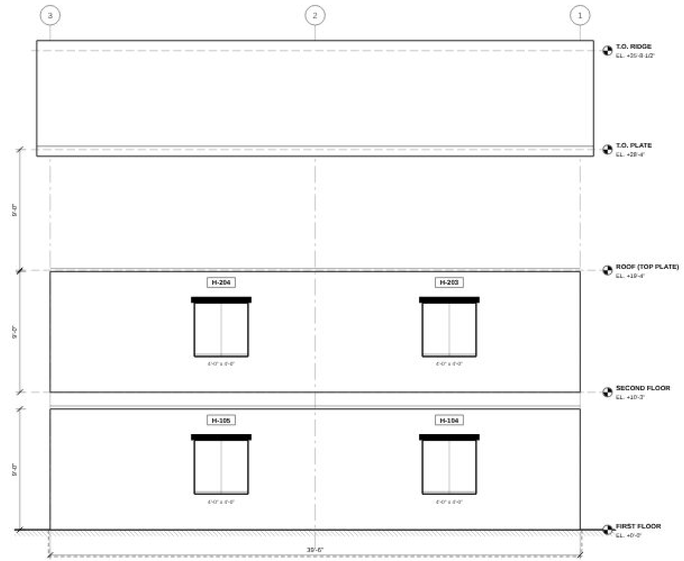
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S-102



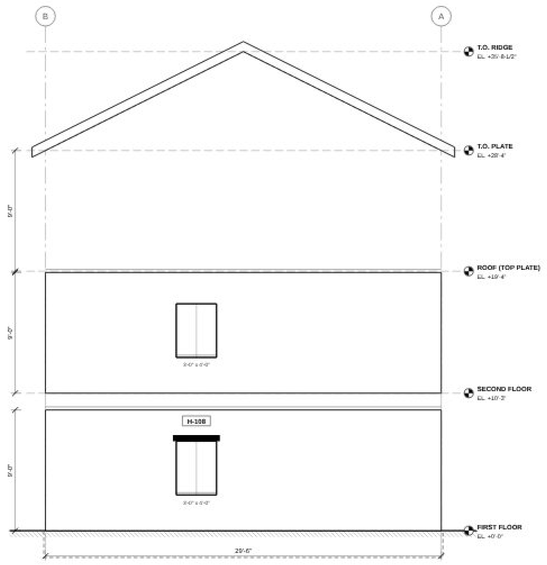
1 S-301 **SOUTH ELEVATION**

SCALE: 3/16" = 1'-0" 0 2 4 8 FEET



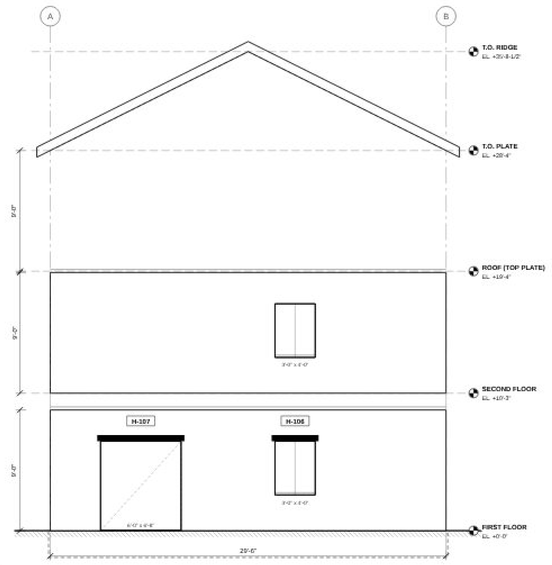
2 S-301 **NORTH ELEVATION**

SCALE: 3/16" = 1'-0" 0 2 4 8 FEET



3 S-301 **EAST ELEVATION**

SCALE: 3/16" = 1'-0" 0 2 4 8 FEET



4 S-301 **WEST ELEVATION**

SCALE: 3/16" = 1'-0" 0 2 4 8 FEET

ELEVATION NOTES

1. ELEVATIONS SHOW THE STRUCTURAL MODEL: BEARING AND SHEAR WALLS, OPENINGS, HEADERS AND THE ROOF FORM. FINISHES, TRIM AND GRADES ARE BY THE ARCHITECT AND CIVIL DRAWINGS.
2. HATCHED = SHEATHED SHEAR WALL SEGMENTS, LOCATED AS ON THE FRAMING PLANS, WITH THEIR LENGTHS UNDER THE TOP PLATE; FILLED TRIANGLE AT A SEGMENT END = HOLD-DOWN (MODEL AS NOTED). SHEATHING, NAILING AND ANCHORAGE PER THE SHEAR WALL SCHEDULE AND THE S-600 SERIES DETAILS.
3. HEADERS ARE SHOWN SOLID WITH THEIR MARK. SIZE, BEARING AND JACK STUDS PER THE HEADER SCHEDULE.
4. OPENING SIZES ARE ROUGH OPENINGS FROM THE MODEL. VERIFY WITH THE ARCHITECTURAL DRAWINGS AND THE WINDOW AND DOOR SUPPLIER.
5. ROOF: GABLE, 6:12, 1'-0" OVERHANG. FRAMING PER THE ROOF FRAMING PLAN.
6. FOUNDATIONS SHOWN DASHED ARE BY OTHERS. VERIFY ALL ELEVATIONS AT THE SITE BEFORE CONSTRUCTION.

LEGEND

- SHEAR WALL SEGMENT
- HOLD-DOWN AT A SEGMENT END
- HEADER
- FOUNDATION BY OTHERS (HIDDEN)
- LEVEL / ELEVATION MARK

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SAMPLE TWO-STORY HOUSE

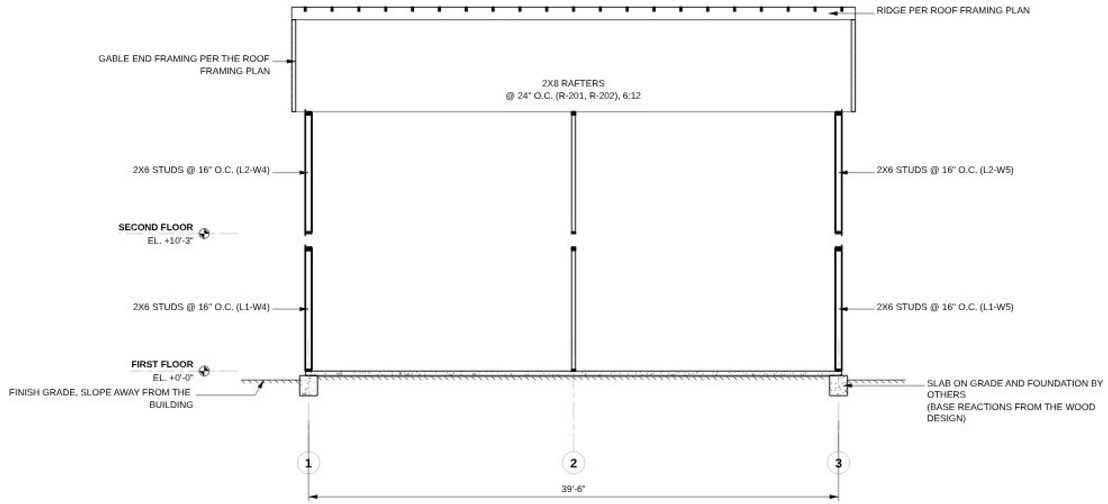
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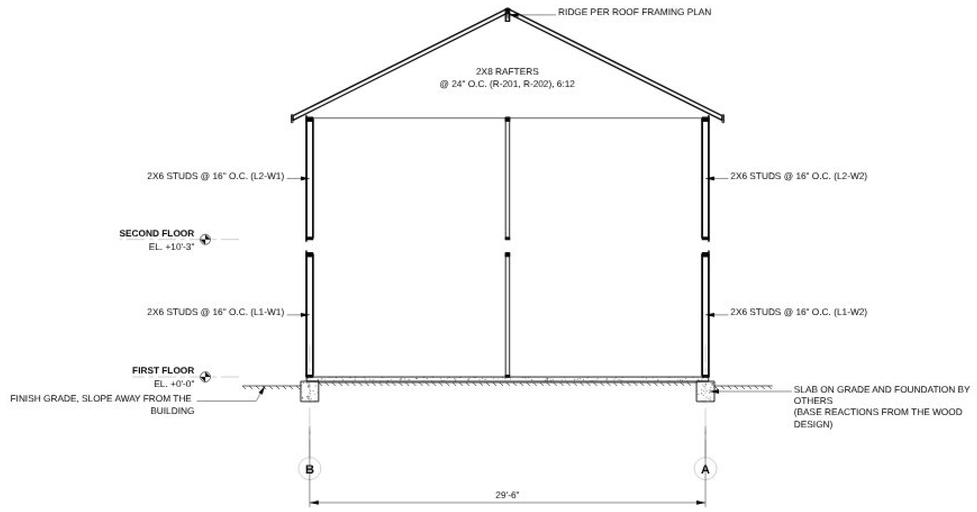
DRAWN BY: AREZ

S-301



2 / S-601 **BUILDING SECTION - CUT AT Y = 15'-0", LOOKING NORTH (3 STORIES)**

SCALE: 3/16" = 1'-0"



1 / S-601 **BUILDING SECTION - CUT AT X = 20'-0", LOOKING EAST (3 STORIES)**

SCALE: 3/16" = 1'-0"

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SAMPLE TWO-STORY HOUSE

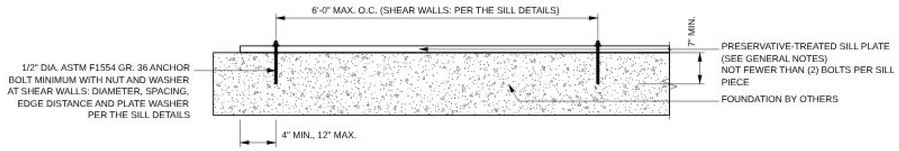
PROFESSIONAL SEALS:

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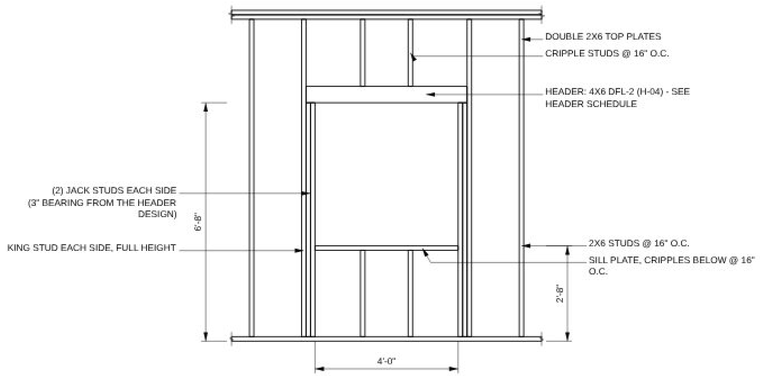
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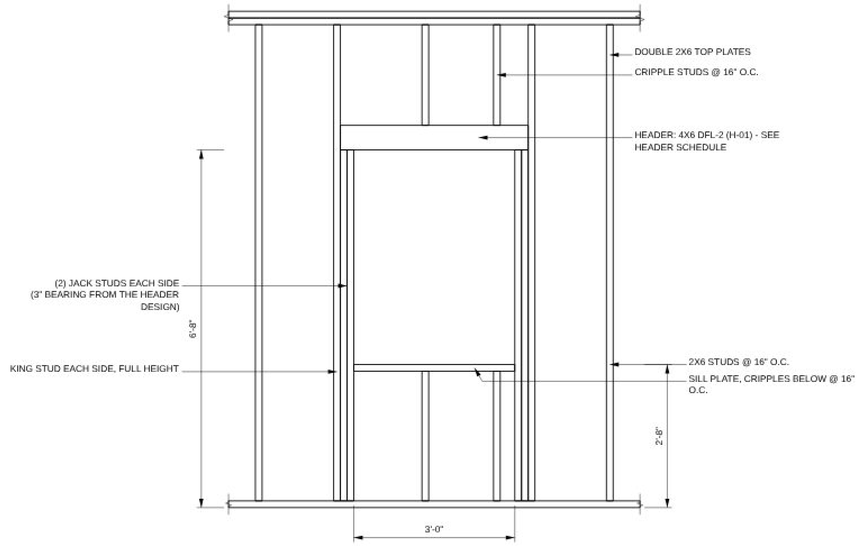
S-601



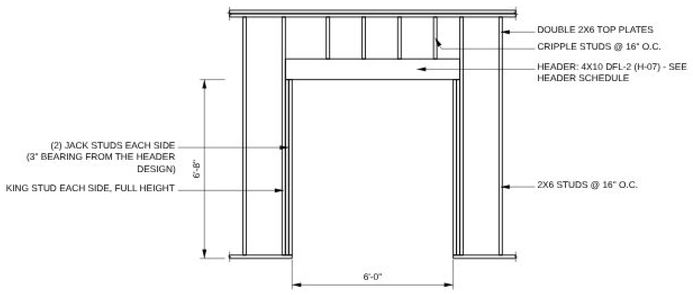
5 S-621 **SILL ANCHORAGE SPACING - TYPICAL**
SCALE: NOT TO SCALE
APPLIES TO: L1-W1, L1-W2, L1-W4, L1-W5, L1-W6



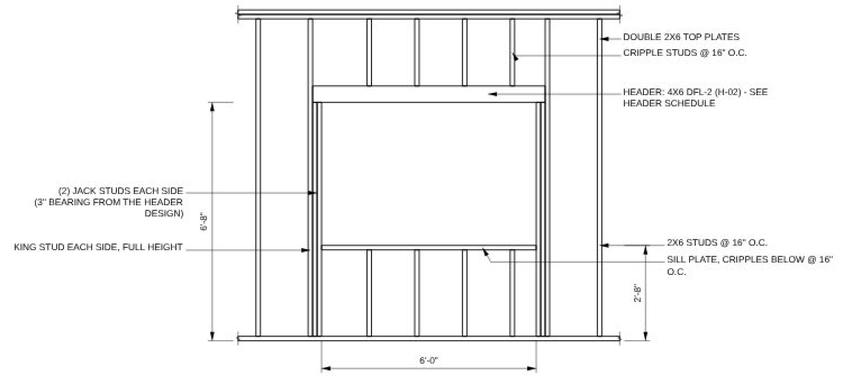
4 S-621 **WINDOW OPENING - SINGLE SAWN HEADER, 4'-0" ROUGH OPENING**
SCALE: 1/2" = 1'-0"
APPLIES TO: H-04, H-05, H-104, H-105



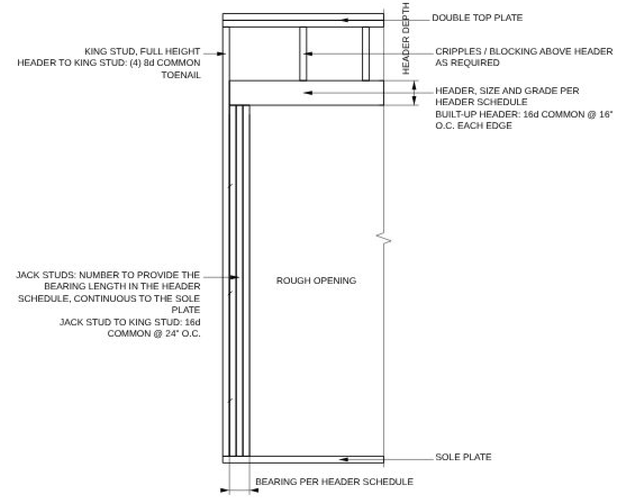
2 S-621 **WINDOW OPENING - SINGLE SAWN HEADER, 3'-0" ROUGH OPENING**
SCALE: 3/4" = 1'-0"
APPLIES TO: H-01, H-06, H-08, H-101, H-106, H-108



6 S-621 **DOOR OPENING - SINGLE SAWN HEADER, 6'-0" ROUGH OPENING**
SCALE: 3/8" = 1'-0"
APPLIES TO: H-07, H-107



3 S-621 **WINDOW OPENING - SINGLE SAWN HEADER, 6'-0" ROUGH OPENING**
SCALE: 1/2" = 1'-0"
APPLIES TO: H-02, H-102



1 S-621 **HEADER BEARING - TYPICAL**
SCALE: NOT TO SCALE
APPLIES TO: H-01, H-02, H-03, H-04, H-05, H-06, H-07, H-08, H-09, H-10, H-11, H-12, H-13, H-101, H-102, H-103, H-104, H-105, H-106, H-107, H-108, H-109, H-201, H-202, H-203, H-204

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REVISION

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SAMPLE TWO-STORY HOUSE

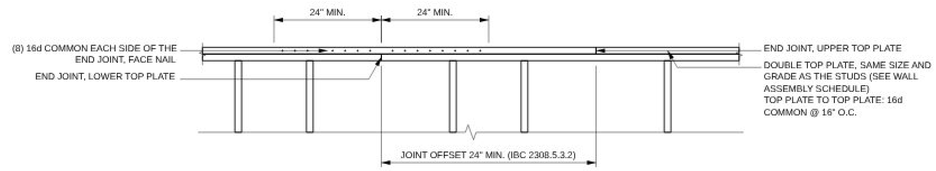
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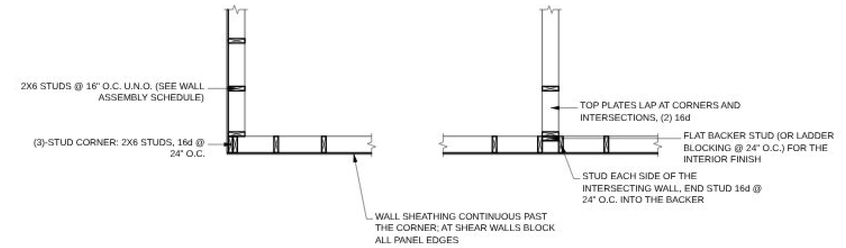
S-621



6 S-622

TOP PLATE SPLICE - TYPICAL

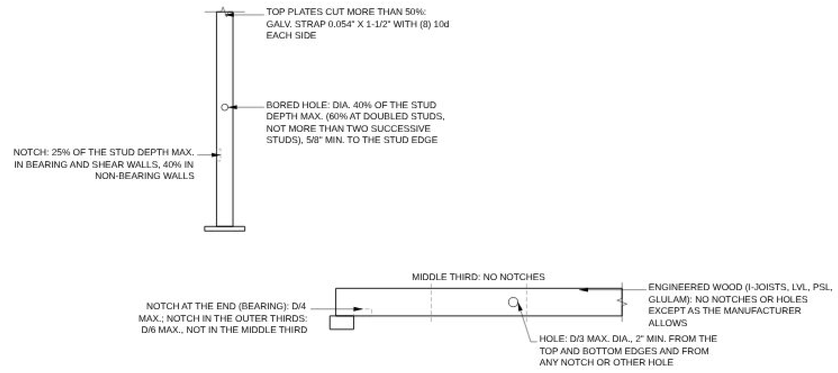
SCALE: NOT TO SCALE
APPLIES TO: L1-W1, L1-W2, L1-W4, L1-W5, L1-W6, L2-W1, L2-W2, L2-W4, L2-W5



3 S-622

WALL CORNER AND INTERSECTION (PLAN) - TYPICAL

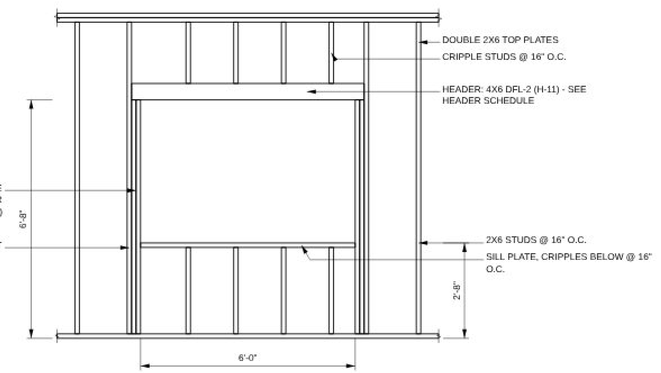
SCALE: NOT TO SCALE
APPLIES TO: L1-W1, L1-W2, L1-W4, L1-W5, L1-W6, L2-W1, L2-W2, L2-W4, L2-W5



5 S-622

NOTCHING AND BORING LIMITS - TYPICAL

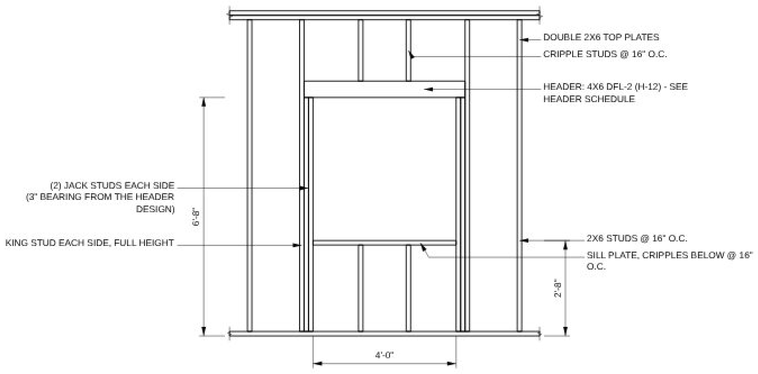
SCALE: NOT TO SCALE
APPLIES TO: L1-W1, L1-W2, L1-W4, L1-W5, L1-W6, L2-W1, L2-W2, L2-W4, L2-W5



2 S-622

WINDOW OPENING - SINGLE SAWN HEADER, 6'-0" ROUGH OPENING

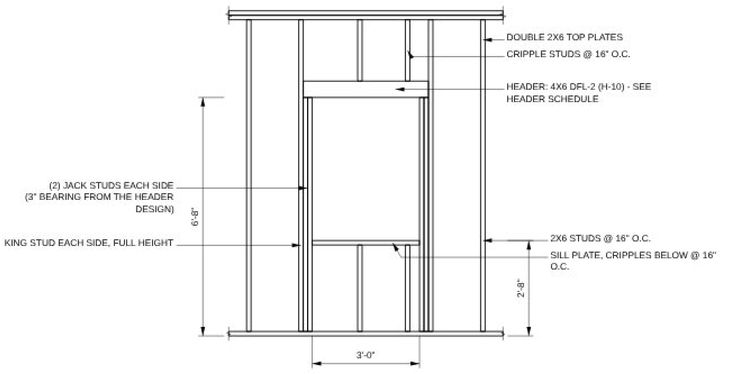
SCALE: 1/2" = 1'-0"
APPLIES TO: H-11, H-202



4 S-622

WINDOW OPENING - SINGLE SAWN HEADER, 4'-0" ROUGH OPENING

SCALE: 1/2" = 1'-0"
APPLIES TO: H-12, H-13, H-203, H-204



1 S-622

WINDOW OPENING - SINGLE SAWN HEADER, 3'-0" ROUGH OPENING

SCALE: 1/2" = 1'-0"
APPLIES TO: H-10, H-201

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SAMPLE TWO-STORY HOUSE

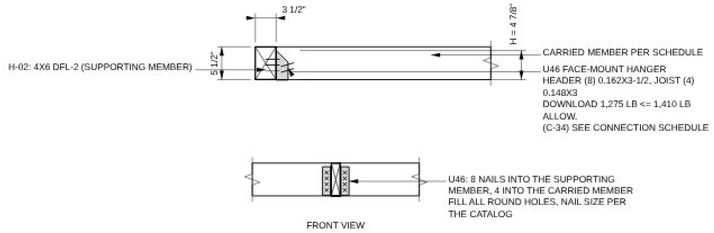
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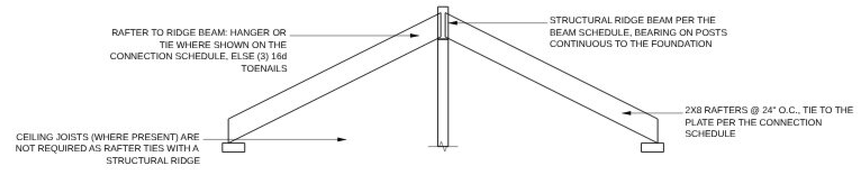
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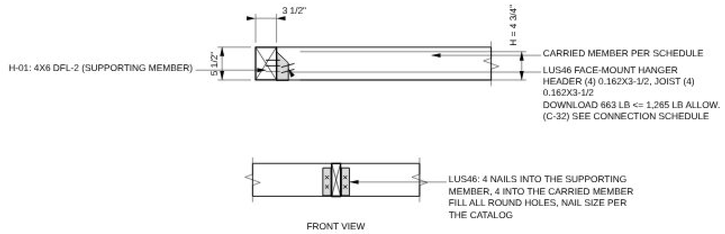
S-622



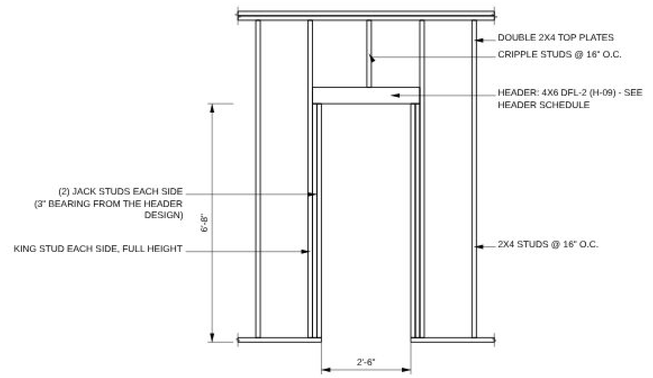
7 S-623 **HANGER**
SCALE: 1" = 1'-0"
APPLIES TO: H-02, H-06, H-08



3 S-623 **STRUCTURAL RIDGE - TYPICAL**
SCALE: NOT TO SCALE
APPLIES TO: R-202, R-201



6 S-623 **HANGER**
SCALE: 1" = 1'-0"
APPLIES TO: H-01, H-03, H-04, H-05, H-10, H-11, H-12, H-13

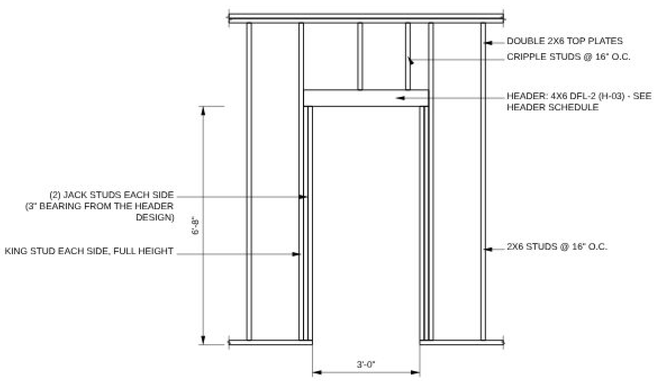


2 S-623 **DOOR OPENING - SINGLE SAWN HEADER, 2'-6" ROUGH OPENING**
SCALE: 1/2" = 1'-0"
APPLIES TO: H-09, H-109

KEYNOTES

NO.	KEYNOTE
3	7/16" APA RATED SHEATHING, EXTERIOR FACE (PROJECT DEFAULT, NOT A SHEAR WALL) 6d COMMON @ 6" EDGES / 12" FIELD
4	15/32" APA RATED SHEATHING 32/16, EXPOSURE 1 (PROJECT DEFAULT) 8d COMMON @ 6" EDGES / 12" FIELD, PANEL CLIPS AT UNSUPPORTED EDGES

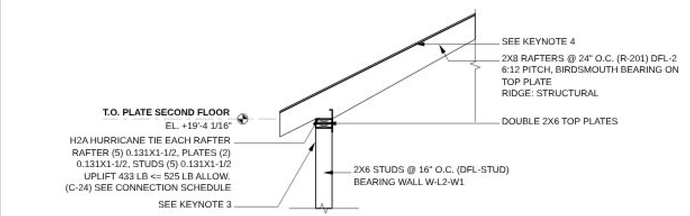
5 S-623 **ROOF AT EXTERIOR WALL - FRAMING BEARING**
SCALE: 1/2" = 1'-0"
APPLIES TO: L2-W2



1 S-623 **DOOR OPENING - SINGLE SAWN HEADER, 3'-0" ROUGH OPENING**
SCALE: 1/2" = 1'-0"
APPLIES TO: H-03, H-103

HARDWARE ON THIS SHEET

MARK	MODEL	FASTENERS	ALLOW. (LB)	DEMAND (LB)	CATALOG
C-24	H2A	RAFTER (5) 0.131X1-1/2, PLATES (2) 0.131X1-1/2, STUDS (5) 0.131X1-1/2	525	433	C-C-2026 P. 300
C-28	H2.5T	RAFTER (5) 0.131X2-1/2, PLATES (5) 0.131X2-1/2	590	566	C-C-2026 P. 300
C-32	LUS46	HEADER (4) 0.162X3-1/2, JOIST (4) 0.162X3-1/2	1265	663	C-C-2026 P. 117
C-34	U46	HEADER (8) 0.162X3-1/2, JOIST (4) 0.148X3	1410	1275	C-C-2026 P. 117



4 S-623 **ROOF AT EXTERIOR WALL - FRAMING BEARING**
SCALE: 1/2" = 1'-0"
APPLIES TO: L2-W1

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SAMPLE TWO-STORY HOUSE

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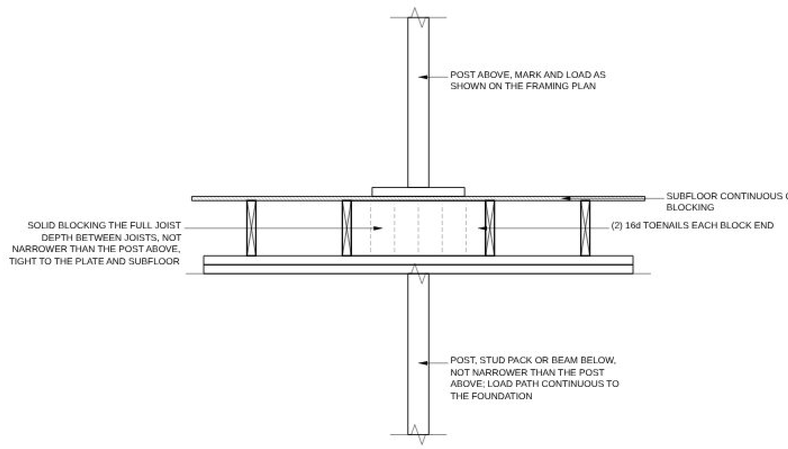
S-623

KEYNOTES

NO.	KEYNOTE
1	SLAB ON GRADE AND THICKENED EDGE BY OTHERS SHOWN FOR REFERENCE ONLY - SEE THE FOUNDATION DRAWINGS
2	1/2" DIA. ANCHOR BOLT WITH NUT AND WASHER, 7" MIN. EMBEDMENT @ 6'-0" O.C. MAX., 4" TO 12" FROM PLATE ENDS (GENERAL NOTES)
3	7/16" APA RATED SHEATHING, EXTERIOR FACE (PROJECT DEFAULT, NOT A SHEAR WALL) 6d COMMON @ 6" EDGES / 12" FIELD

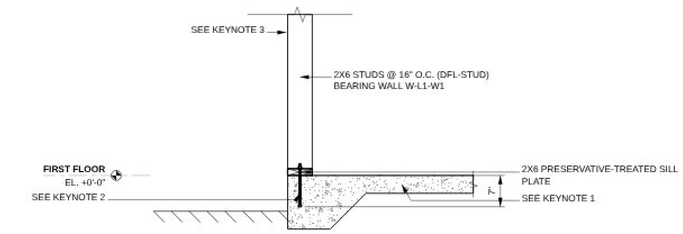
HARDWARE ON THIS SHEET

MARK	MODEL	FASTENERS	ALLOW. (LB)	DEMAND (LB)	CATALOG
C-44	U410	HEADER (14) 0.162X3-1/2, JOIST (6) 0.148X3	2015	2006	C-C-2026 P. 117
C-48	HU46 (MAX NAILING)	HEADER (12) 0.162X3-1/2, JOIST (6) 0.148X3	1785	1625	C-C-2026 P. 117
C-58	LUS210	HEADER (8) 0.148X3, JOIST (4) 0.148X3	1335	763	C-C-2026 P. 115

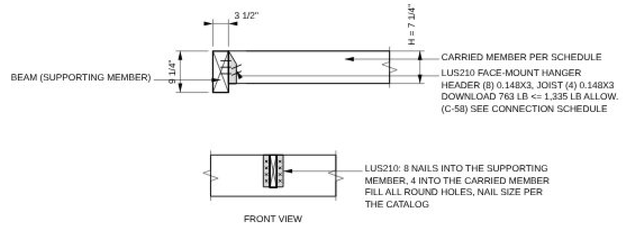


6 S-624 **SOLID BLOCKING UNDER POST ABOVE - TYPICAL**
SCALE: NOT TO SCALE
APPLIES TO: P-201-R1

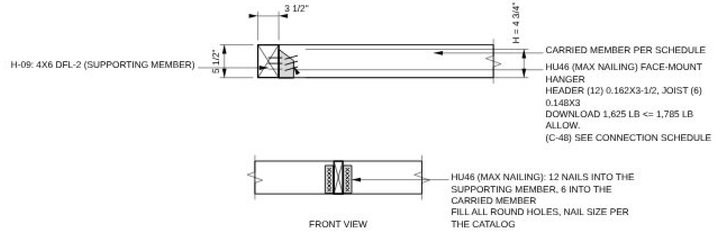
5 S-624 **WALL AT FOUNDATION**
SCALE: 3/4" = 1'-0"
APPLIES TO: L1-W6



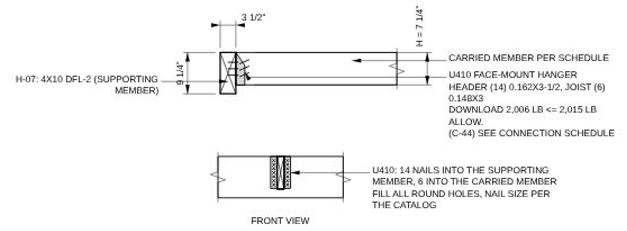
4 S-624 **WALL AT FOUNDATION**
SCALE: 3/4" = 1'-0"
APPLIES TO: L1-W1, L1-W2, L1-W4, L1-W5



3 S-624 **HANGER**
SCALE: 3/4" = 1'-0"
APPLIES TO: G-J-2



2 S-624 **HANGER**
SCALE: 1" = 1'-0"
APPLIES TO: H-09



1 S-624 **HANGER**
SCALE: 3/4" = 1'-0"
APPLIES TO: H-07

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SAMPLE TWO-STORY HOUSE

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S-624

WALL ASSEMBLY SCHEDULE

TYPE	STUDS	FACE A / EXTERIOR	FACE B / INTERIOR	NAILING	SOURCE	WALLS
WA-1	2x6 @ 16" (D)	NONE IN MODEL	NONE IN MODEL	-	-	L1-W1, L1-W2, L1-W4, L1-W5, L2-W1, L2-W2
WA-2	2x4 @ 16" (A)	NONE IN MODEL	NONE IN MODEL	-	-	L1-W3, L2-W3, L2-W6
WA-3	2x4 @ 16" (D)	NONE IN MODEL	NONE IN MODEL	-	-	L1-W6
WA-4	2x6 @ 16" (A)	NONE IN MODEL	NONE IN MODEL	-	-	L2-W4, L2-W5

DIAPHRAGM SCHEDULE

MARK	LOAD DIR.	SHEATHING	BLOCKING	NAILING	SPAN L x DEPTH W	DESIGN v W / E (PLF, ASD)	ALLOWABLE W / E (PLF)	MAX. CHORD FORCE (LB, ASD)	CHORD / COLLECTOR	DESIGN
D-SECOND-X	X	7/16" OSB	UNBLOCKED (CASE 1)	8d COMMON @ 6" BOUNDARY AND SUPPORTED EDGES, 12" FIELD	29.5' x 40'	49 / 31	323 / 230	359	2X6 TOP PLATE, (8) 16d EACH SIDE OF SPLICES	**NOT VERIFIED, RATIO** 0.20
D-SECOND-Y	Y	7/16" OSB	UNBLOCKED (CASE 1)	8d COMMON @ 6" BOUNDARY AND SUPPORTED EDGES, 12" FIELD	39.5' x 30'	64 / 42	323 / 230	631	2X6 TOP PLATE, (8) 16d EACH SIDE OF SPLICES	**NOT VERIFIED, RATIO** 0.34
D-ROOF-X	X	7/16" OSB	UNBLOCKED (CASE 1)	8d COMMON @ 6" BOUNDARY AND SUPPORTED EDGES, 12" FIELD	29.5' x 40'	33 / 26	323 / 230	247	2X6 TOP PLATE, (8) 16d EACH SIDE OF SPLICES	**NOT VERIFIED, RATIO** 0.14
D-ROOF-Y	Y	7/16" OSB	UNBLOCKED (CASE 1)	8d COMMON @ 6" BOUNDARY AND SUPPORTED EDGES, 12" FIELD	39.5' x 30'	54 / 34	323 / 230	535	2X6 TOP PLATE, (8) 16d EACH SIDE OF SPLICES	**NOT VERIFIED, RATIO** 0.29

SDPWS 4.2, TABLES 4.2A / 4.2C. ALLOWABLE = vn x G FACTOR / 2.0. PANELS STAGGERED, LONG DIMENSION ACROSS SUPPORTS. COLLECTORS PER THE COLLECTOR TYPICAL DETAIL.

HEADER SCHEDULE

MARK	WALL	LEVEL	SIZE	MATERIAL	SPAN	BEARING	JACK STUDS EACH END	DESIGN	DETAIL
H-101	L1-W1	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-621
H-102	L1-W1	FIRST FLOOR	4x6	DFL-2	6'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	3/S-621
H-103	L1-W1	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	1/S-623
H-104	L1-W2	FIRST FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-621
H-105	L1-W2	FIRST FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-621
H-106	L1-W4	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-621
H-107	L1-W4	FIRST FLOOR	4x10	DFL-2	6'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	6/S-621
H-108	L1-W5	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-621
H-109	L1-W6	FIRST FLOOR	4x6	DFL-2	2'-9"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-623
H-201	L2-W1	SECOND FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	1/S-622
H-202	L2-W1	SECOND FLOOR	4x6	DFL-2	6'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-622
H-203	L2-W2	SECOND FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-622
H-204	L2-W2	SECOND FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-622
H-01	L1-W1	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-621
H-02	L1-W1	FIRST FLOOR	4x6	DFL-2	6'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	3/S-621
H-03	L1-W1	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	1/S-623
H-04	L1-W2	FIRST FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-621
H-05	L1-W2	FIRST FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-621
H-06	L1-W4	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-621
H-07	L1-W4	FIRST FLOOR	4x10	DFL-2	6'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	6/S-621
H-08	L1-W5	FIRST FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-621
H-09	L1-W6	FIRST FLOOR	4x6	DFL-2	2'-9"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-623
H-10	L2-W1	SECOND FLOOR	4x6	DFL-2	3'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	1/S-622
H-11	L2-W1	SECOND FLOOR	4x6	DFL-2	6'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	2/S-622
H-12	L2-W2	SECOND FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-622
H-13	L2-W2	SECOND FLOOR	4x6	DFL-2	4'-3"	3"	2	**NOT RUN (RUN 4 DESIGN)**	4/S-622

BEAM SCHEDULE

MARK	LEVEL	SIZE	MATERIAL	LENGTH	SUPPORTS	DESIGN
B-201	SECOND FLOOR	4x12	DFL-1	40'-0"	WALL L2-W3 / WALL L2-W5	**NOT RUN (RUN 4 DESIGN)**

POST SCHEDULE

MARK	LEVEL	SIZE	MATERIAL	HEIGHT	BASE	DESIGN
P-201-R1	SECOND FLOOR	4x6	DFL-2	7'-6"	WALL L1-W3	**NOT RUN (RUN 4 DESIGN)**

FLOOR AND ROOF FRAMING SCHEDULE

MARK	LEVEL	TYPE	SIZE / DEPTH	SPACING	SPAN DIR.	DESIGN
R-201	SECOND FLOOR	RAFTER	2x8	24" O.C.	Y	**NOT RUN (RUN 4 DESIGN)**
R-202	SECOND FLOOR	RAFTER	2x8	24" O.C.	Y	**NOT RUN (RUN 4 DESIGN)**

CONNECTION SCHEDULE

ID	TYPE	ELEMENTS	PRODUCT	FASTENERS	DEMAND (LB)	ALLOWABLE (LB)	RATIO	STATUS	REFERENCE
C-1	HURRICANE TIE	B-201 / L2-W3	-	-	-	-	-	**UNRESOLVED**	SEE UNRESOLVED DESIGN ITEMS
C-2	HURRICANE TIE	B-201 / L2-W3	-	-	-	-	-	**UNRESOLVED**	SEE UNRESOLVED DESIGN ITEMS
C-3	HURRICANE TIE	B-201 / L2-W5	-	-	-	-	-	**UNRESOLVED**	SEE UNRESOLVED DESIGN ITEMS
C-4	POST BASE	P-201-R1 / L1-W3	-	-	-	-	-	**UNRESOLVED**	SEE UNRESOLVED DESIGN ITEMS
C-5	POST CAP	P-201-R1	-	-	-	-	-	**UNRESOLVED**	SEE UNRESOLVED DESIGN ITEMS
C-6	HURRICANE TIE	H-101 / L1-W1	H3	rafter (4) 0.131x2-1/2, plates (4) 0.131x2-1/2	344	400	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-7	HURRICANE TIE	H-101 / L1-W1	H3	rafter (4) 0.131x2-1/2, plates (4) 0.131x2-1/2	344	400	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-8	HURRICANE TIE	H-102 / L1-W1	H2.5A	rafter (5) 0.131x2-1/2, plates (5) 0.131x2-1/2	662	700	0.94	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-9	HURRICANE TIE	H-102 / L1-W1	H2.5A	rafter (5) 0.131x2-1/2, plates (5) 0.131x2-1/2	662	700	0.94	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-10	HURRICANE TIE	H-103 / L1-W1	H3	rafter (4) 0.131x2-1/2, plates (4) 0.131x2-1/2	344	400	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-11	HURRICANE TIE	H-103 / L1-W1	H3	rafter (4) 0.131x2-1/2, plates (4) 0.131x2-1/2	344	400	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-12	HURRICANE TIE	H-104 / L1-W2	H2A	rafter (5) 0.131x1-1/2, plates (2) 0.131x1-1/2, studs (5) 0.131x1-1/2	450	525	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-13	HURRICANE TIE	H-104 / L1-W2	H2A	rafter (5) 0.131x1-1/2, plates (2) 0.131x1-1/2, studs (5) 0.131x1-1/2	450	525	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-14	HURRICANE TIE	H-105 / L1-W2	H2A	rafter (5) 0.131x1-1/2, plates (2) 0.131x1-1/2, studs (5) 0.131x1-1/2	450	525	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-15	HURRICANE TIE	H-105 / L1-W2	H2A	rafter (5) 0.131x1-1/2, plates (2) 0.131x1-1/2, studs (5) 0.131x1-1/2	450	525	0.86	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-24	HURRICANE TIE	H-201 / L2-W1	H2A	rafter (5) 0.131x1-1/2, plates (2) 0.131x1-1/2, studs (5) 0.131x1-1/2	433	525	0.82	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-25	HURRICANE TIE	H-201 / L2-W1	H2A	rafter (5) 0.131x1-1/2, plates (2) 0.131x1-1/2, studs (5) 0.131x1-1/2	433	525	0.82	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-26	HURRICANE TIE	H-202 / L2-W1	H10S	rafter (8) 0.131x1-1/2, plates (8) 0.131x1-1/2, studs (8) 0.131x2-1/2	832	910	0.91	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-27	HURRICANE TIE	H-202 / L2-W1	H10S	rafter (8) 0.131x1-1/2, plates (8) 0.131x1-1/2, studs (8) 0.131x2-1/2	832	910	0.91	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-28	HURRICANE TIE	H-203 / L2-W2	H2.5T	rafter (5) 0.131x2-1/2, plates (5) 0.131x2-1/2	566	590	0.96	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-29	HURRICANE TIE	H-203 / L2-W2	H2.5T	rafter (5) 0.131x2-1/2, plates (5) 0.131x2-1/2	566	590	0.96	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-30	HURRICANE TIE	H-204 / L2-W2	H2.5T	rafter (5) 0.131x2-1/2, plates (5) 0.131x2-1/2	566	590	0.96	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-31	HURRICANE TIE	H-204 / L2-W2	H2.5T	rafter (5) 0.131x2-1/2, plates (5) 0.131x2-1/2	566	590	0.96	VERIFIED	Simpson Strong-Tie C-C-2026 p. 300
C-32	HANGER	H-01 / L1-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	663	1265	0.52	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-33	HANGER	H-01 / L1-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	663	1265	0.52	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-34	HANGER	H-02 / L1-W1	U46	header (8) 0.162x3-1/2, joist (4) 0.148x3	1275	1410	0.90	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-35	HANGER	H-02 / L1-W1	U46	header (8) 0.162x3-1/2, joist (4) 0.148x3	1275	1410	0.90	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-36	HANGER	H-03 / L1-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	663	1265	0.52	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-37	HANGER	H-03 / L1-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	663	1265	0.52	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-38	HANGER	H-04 / L1-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	867	1265	0.69	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-39	HANGER	H-04 / L1-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	867	1265	0.69	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-40	HANGER	H-05 / L1-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	867	1265	0.69	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-41	HANGER	H-05 / L1-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	867	1265	0.69	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-42	HANGER	H-06 / L1-W4	U46	header (8) 0.162x3-1/2, joist (4) 0.148x3	1038	1150	0.90	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-43	HANGER	H-06 / L1-W4	U46	header (8) 0.162x3-1/2, joist (4) 0.148x3	1038	1150	0.90	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-44	HANGER	H-07 / L1-W4	U410	header (14) 0.162x3-1/2, joist (6) 0.148x3	2006	2015	0.99	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-45	HANGER	H-07 / L1-W4	U410	header (14) 0.162x3-1/2, joist (6) 0.148x3	2006	2015	0.99	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-46	HANGER	H-08 / L1-W5	U46	header (8) 0.162x3-1/2, joist (4) 0.148x3	1038	1150	0.90	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-47	HANGER	H-08 / L1-W5	U46	header (8) 0.162x3-1/2, joist (4) 0.148x3	1038	1150	0.90	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-48	HANGER	H-09 / L1-W6	HU46 (max nailing)	header (12) 0.162x3-1/2, joist (6) 0.148x3	1625	1785	0.91	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117

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REVISION

N.O.	DESCRIPTION	DB	CB	AB	DATE
0	ISSUED FOR REVIEW				11/07/26

SAMPLE TWO-STORY HOUSE

PROFESSIONAL SEALS:

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S-641

CONNECTION SCHEDULE (CONT.)

ID	TYPE	ELEMENTS	PRODUCT	FASTENERS	DEMAND (LB)	ALLOWABLE (LB)	RATIO	STATUS	REFERENCE
C-49	HANGER	H-09 / L1-W6	HU46 (max nailing)	header (12) 0.162x3-1/2, joist (6) 0.148x3	1625	1785	0.91	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-50	HANGER	H-10 / L2-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	515	1265	0.41	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-51	HANGER	H-10 / L2-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	515	1265	0.41	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-52	HANGER	H-11 / L2-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	991	1265	0.78	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-53	HANGER	H-11 / L2-W1	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	991	1265	0.78	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-54	HANGER	H-12 / L2-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	674	1265	0.53	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-55	HANGER	H-12 / L2-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	674	1265	0.53	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-56	HANGER	H-13 / L2-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	674	1265	0.53	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-57	HANGER	H-13 / L2-W2	LUS46	header (4) 0.162x3-1/2, joist (4) 0.162x3-1/2	674	1265	0.53	VERIFIED	Simpson Strong-Tie C-C-2026 p. 117
C-58	HANGER	G-J-2	LUS210	header (8) 0.148x3, joist (4) 0.148x3	763	1335	0.57	VERIFIED	Simpson Strong-Tie C-C-2026 p. 115
C-59	HANGER	G-J-2	LUS210	header (8) 0.148x3, joist (4) 0.148x3	763	1335	0.57	VERIFIED	Simpson Strong-Tie C-C-2026 p. 115

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REVISION

N.O.	DESCRIPTION	DB	CB	AB	DATE
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SAMPLE TWO-STORY HOUSE

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