


# NAU TIMBERJACKS

## 2024 TIMBERSTRONG DESIGN BUILD

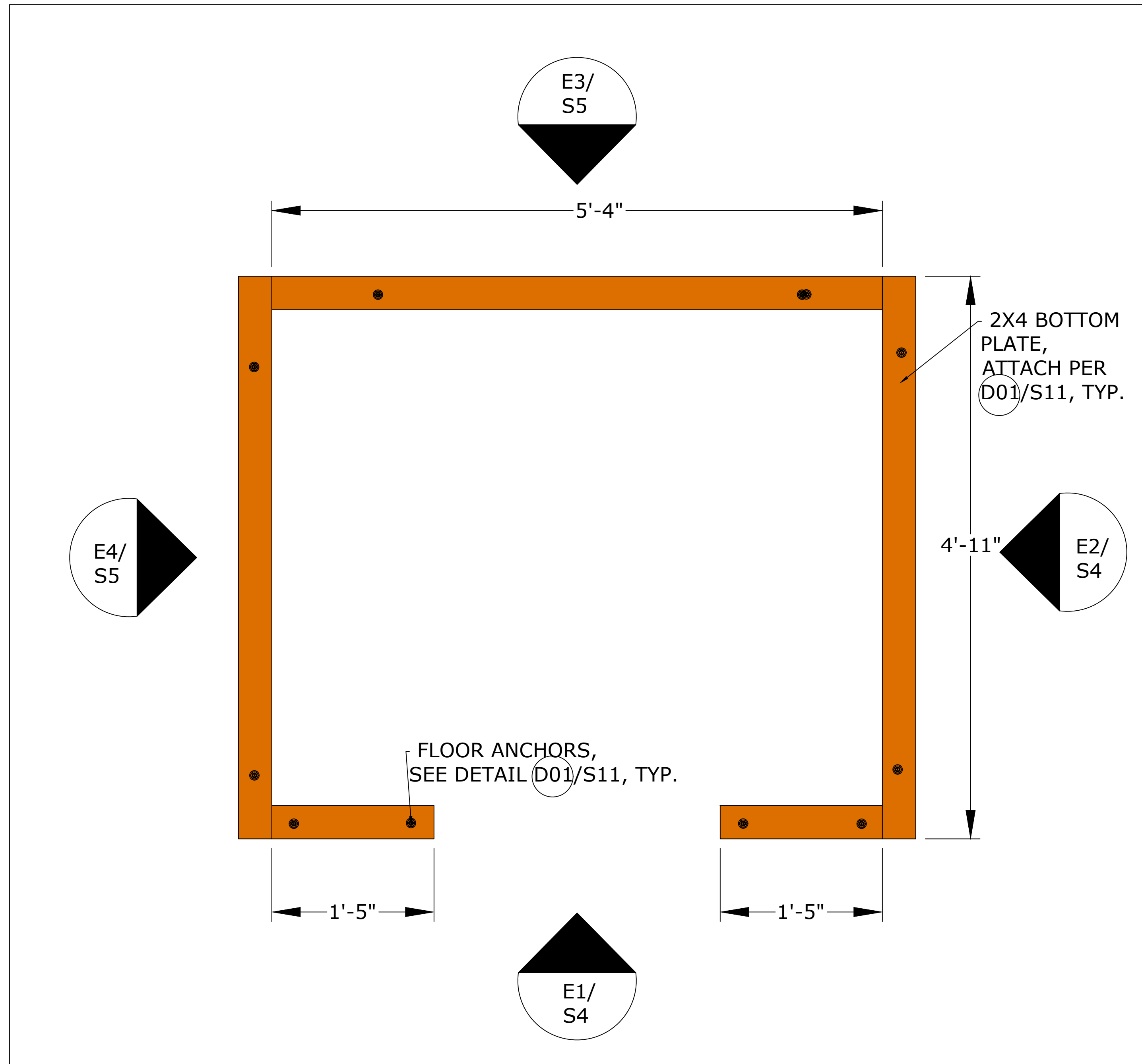


Created By:  
Mariah Boler  
Mourtice Clitso  
Jenna Hays

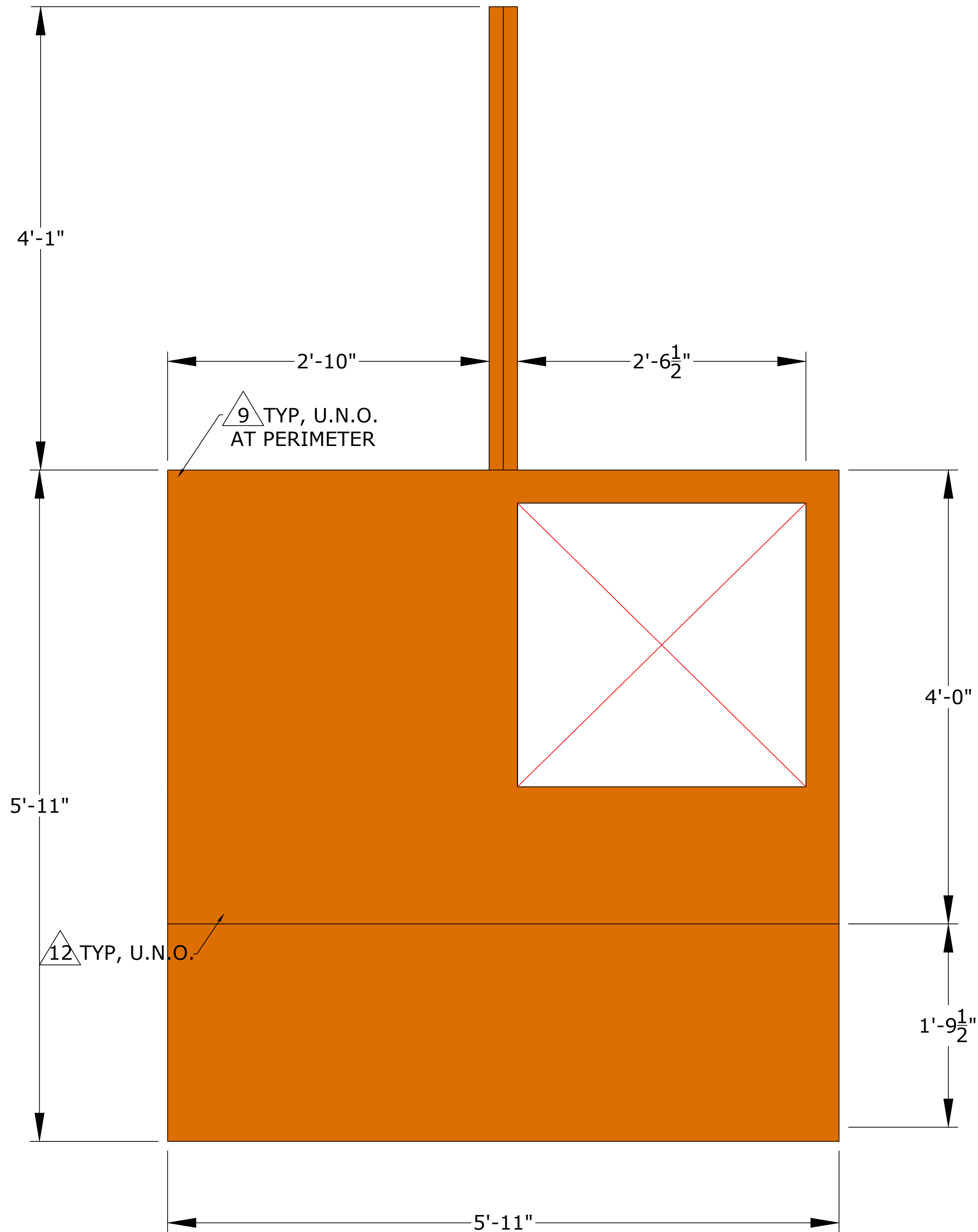
Submitted On:  
February 23, 2024

	PROJECT: NAU TIMBERSTRONG	DATE: 02/23/2024	BY: PONDEROSA TIMBERJACKS	DRAWING NUMBER: S00
	COVER SHEET	DUE: 02/23/2024	REVISION: 0	SCALE: N/A

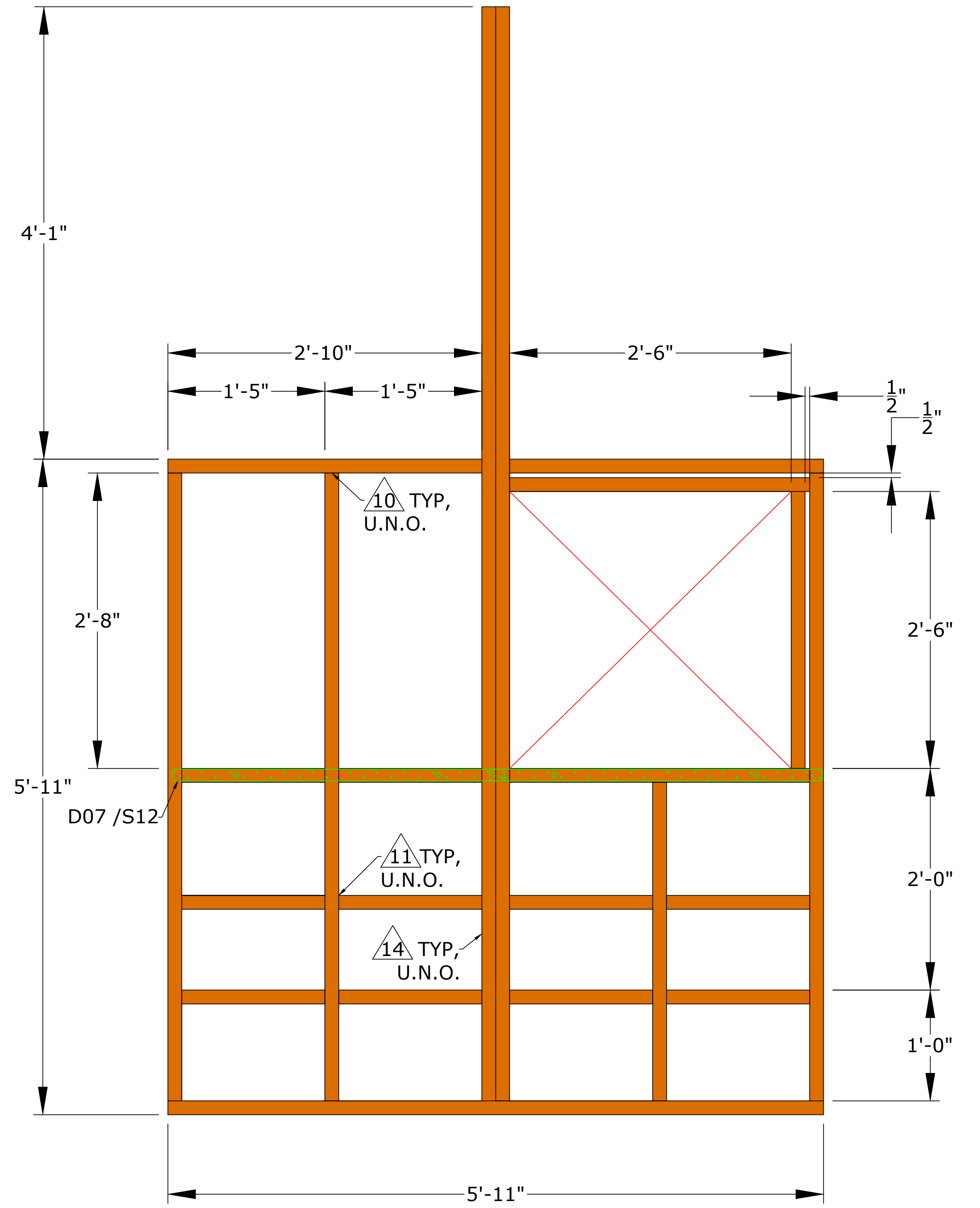
2024 TIMBERSTRONG COMPETITION FASTENER SCHEDULE FOR STRUCTURAL MEMBERS				
ITEM	DESCRIPTION OF BUILDING ELEMENTS	TYPE OF FASTENERS	NUMBER REQUIRED	SPACING
<b>WALL</b>				
1	TOP OR BOTTOM PLATE TO STUD, END NAIL	16d	3	-
2	BLOCKING BETWEEN STUDS, END NAIL	16d	3	-
3	ABUTTING STUDS AT DOORWAY, FACE NAIL	16d	-	6" OC
4	BUILT-UP HEADER, (2) PIECES	16d	-	4" OC
5	CONTINUOUS HEADER TO STUD, TOE NAIL	16d	2	-
6	DOUBLE TOP PLATE, FACE NAIL	16d	-	12" OC
7	ABUTTING STUDS AT INTERSECTIONS OF WALL CORNERS, FACE NAIL	16d	-	12" OC
8	SILL PLATE BETWEEN TRIMMER STUDS, END NAIL	16d	3	-
9	SHEATHING TO WALL PANELS, FACE NAIL	10d	-	4" OC U.N.O
<b>FLOOR</b>				
10	JOIST TO RIM JOIST, END NAIL	16d	3	-
11	BLOCKING BETWEEN JOISTS, END NAIL	16d	3	-
12	SUBFLOOR TO JOIST, FACE NAIL	10d	-	6" OC
13	RIM JOIST TO FIRST FLOOR, TOE NAIL	16d	-	6" OC
14	FLOOR CANTILEVER BEAMS, FACE NAIL	16d	-	4" OC
15	SECOND STORY TO FIRST FLOOR, FACE NAIL	16d	-	6" OC
<b>ROOF</b>				
16	RAFTER TO TOP PLATE, TOE NAIL	16d	3	-
17	RAFTER TO RIDGE BEAM, TOE NAIL	16d	3	-
18	STRUCTURAL SUPPORT TO TOP PLATE OR RIDGE BEAM, TOE NAIL	16d	3	-
19	RIDGE BEAM COMPONENTS, FACE NAIL	16d	-	6" OC
20	FACIA TO RAFTER, FACE NAIL	16d	3	-
21	STRUCTURAL SUPPORT COMPONENTS, FACE NAIL	16d	-	6" OC
22	SHEATHING TO ROOF PANELS, FACE NAIL	10d	-	6" OC



**FOUNDATION PLAN**



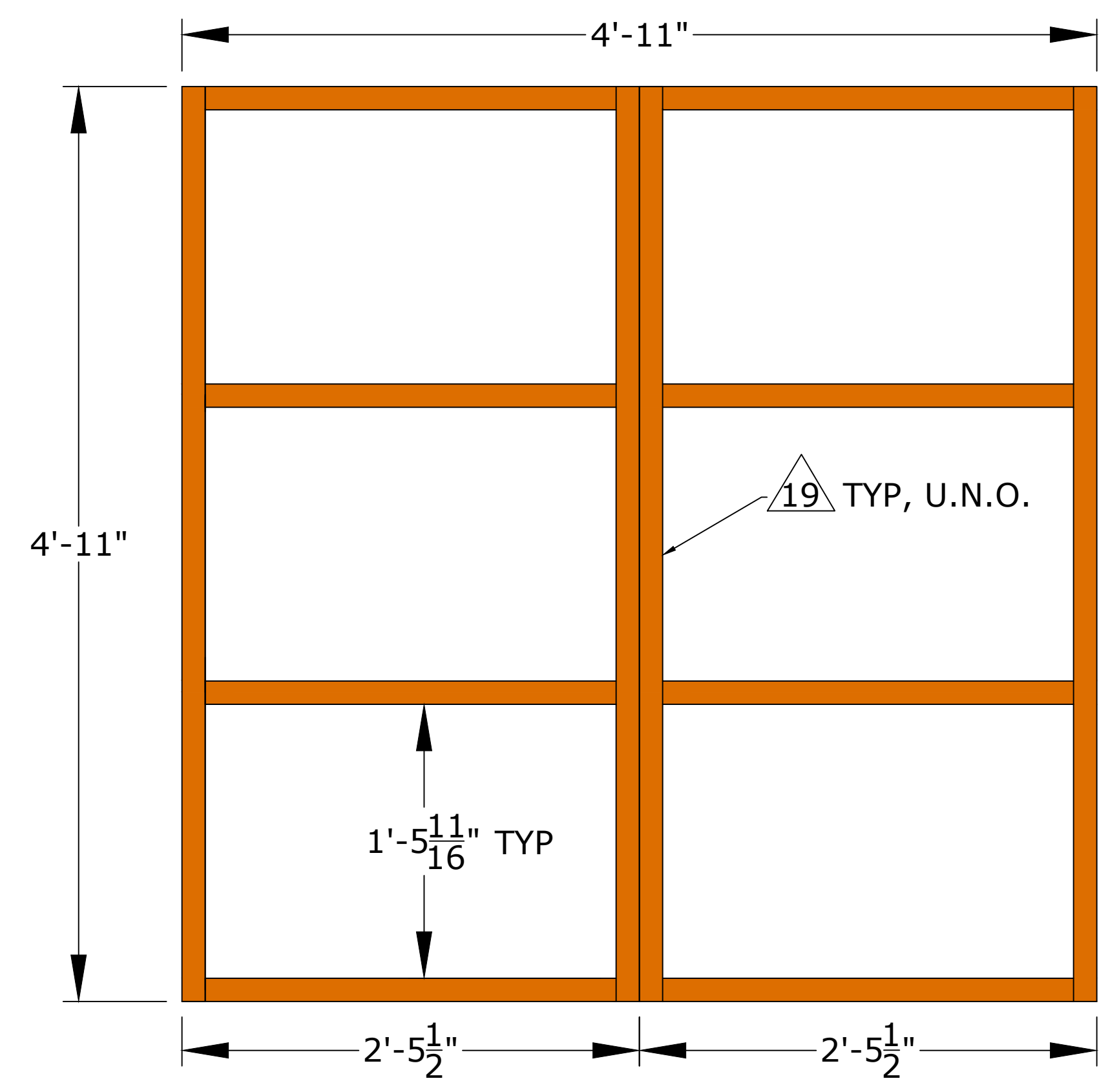
**FIRST FLOOR SHEATHING PLAN**



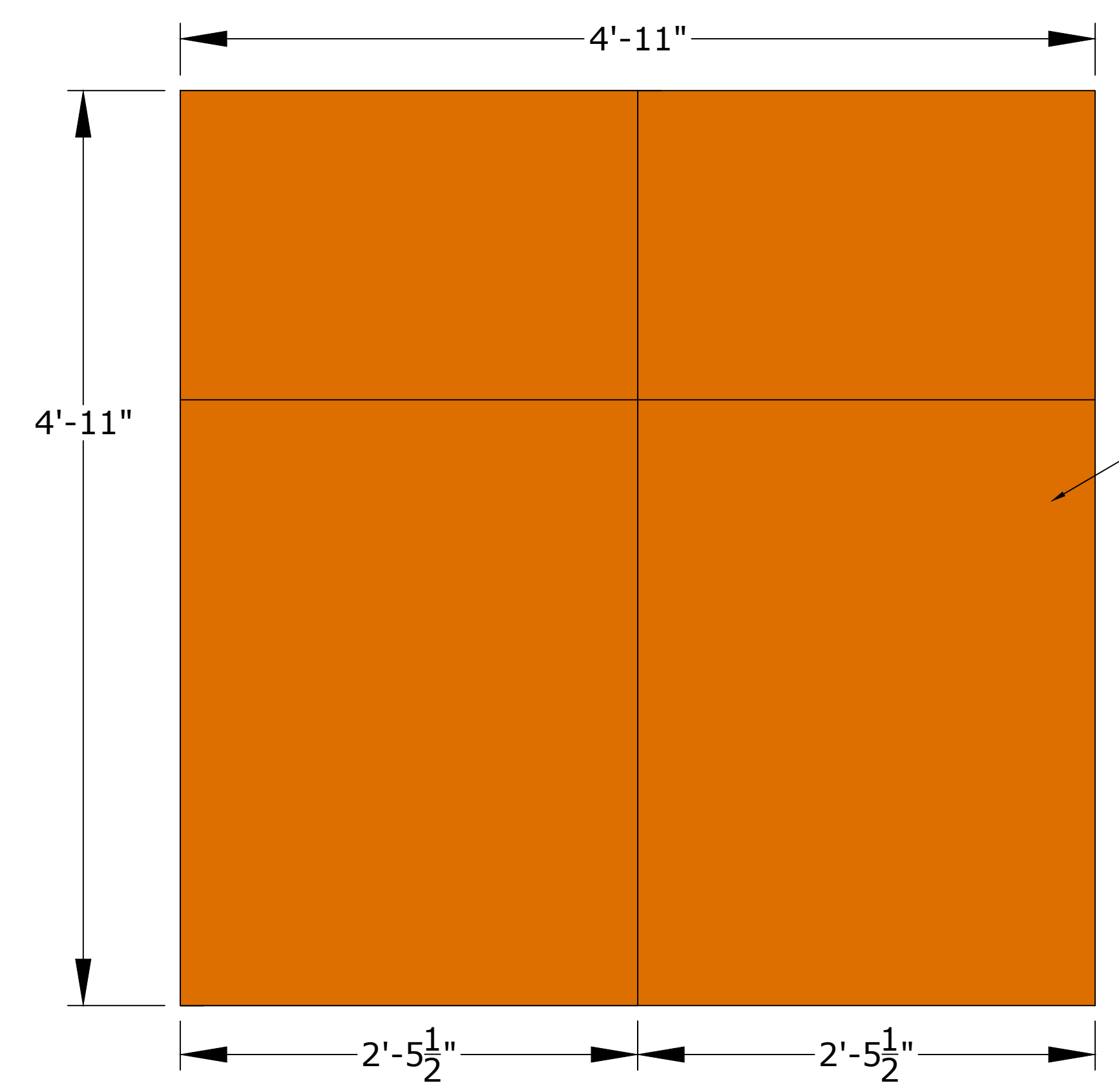
**FIRST FLOOR FRAMING PLAN**



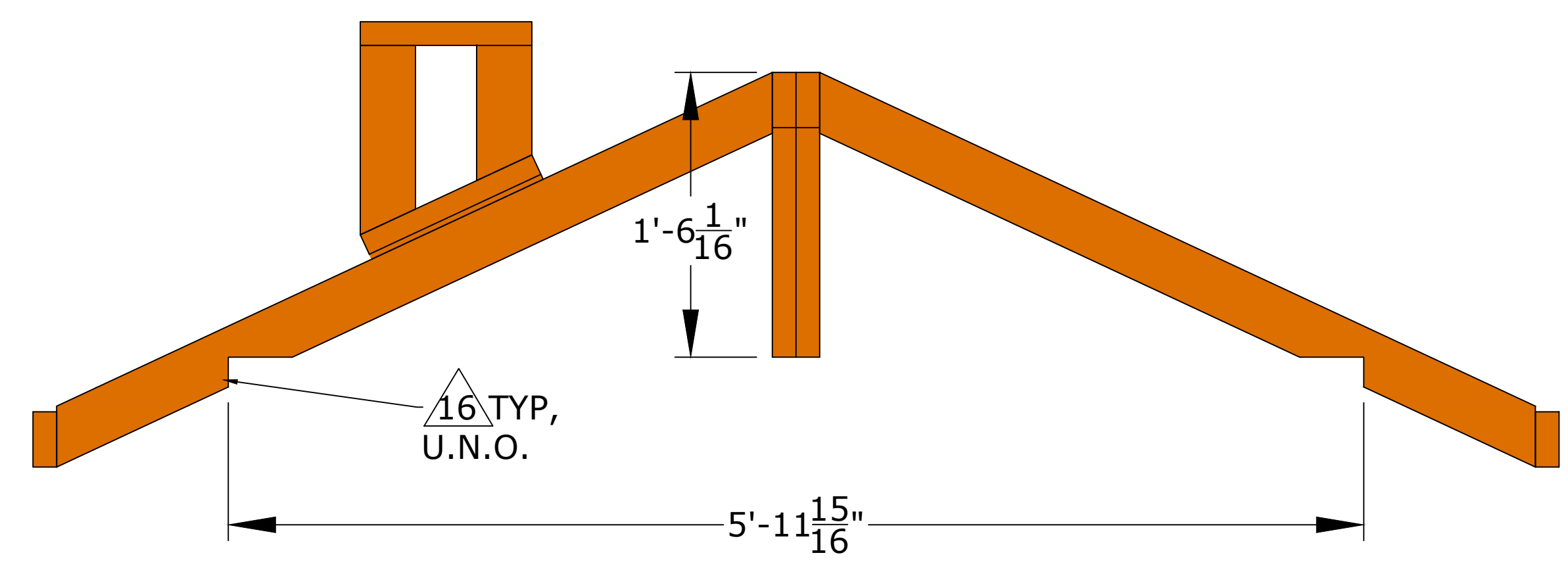
KEYNOTE, SEE S0



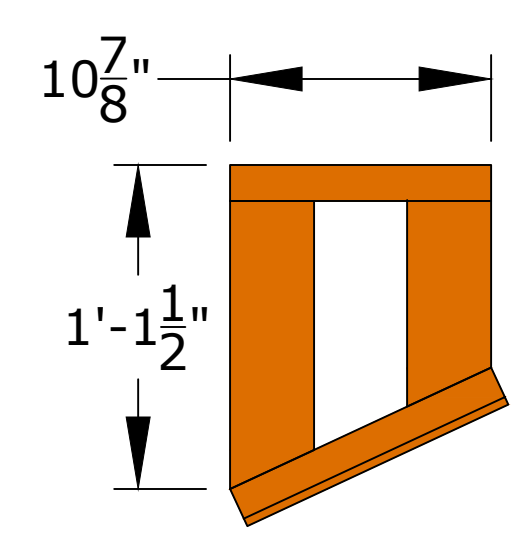
**ROOF FRAMING PLAN**



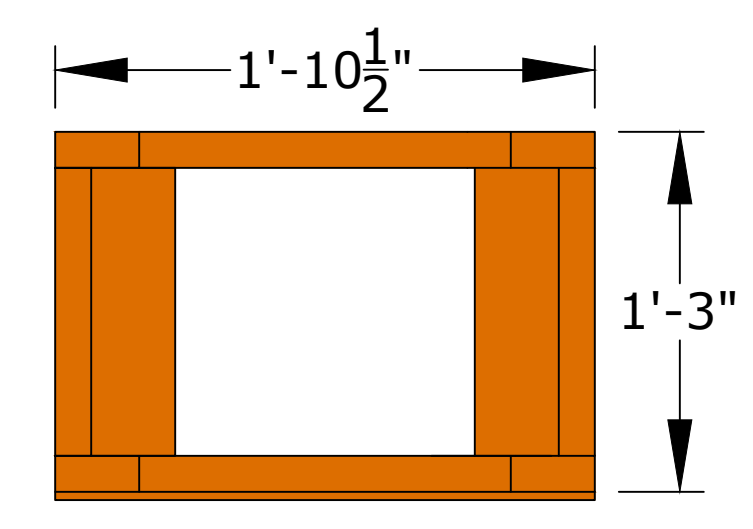
**ROOF SHEATHING PLAN**



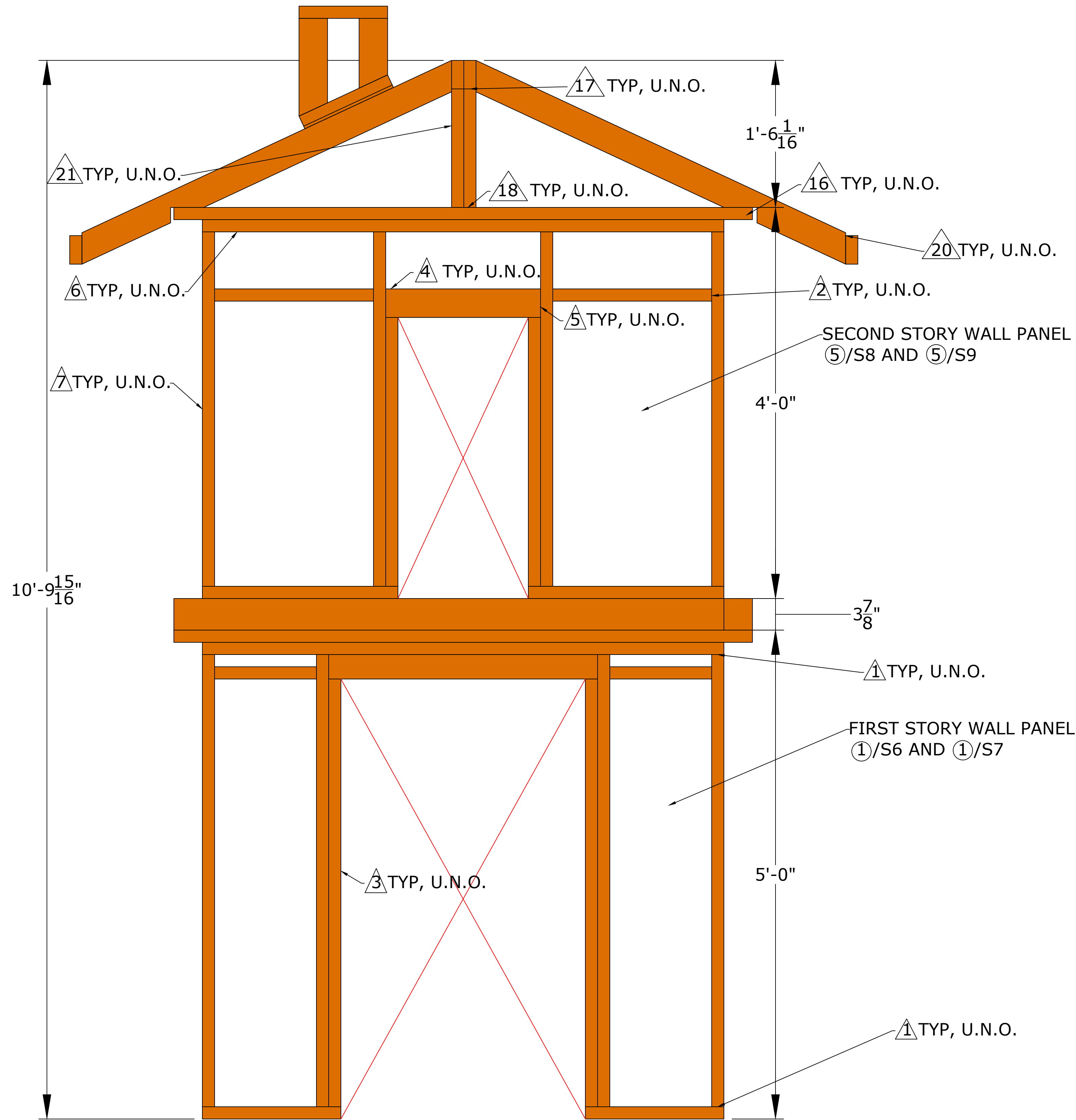
**ROOF PANEL**



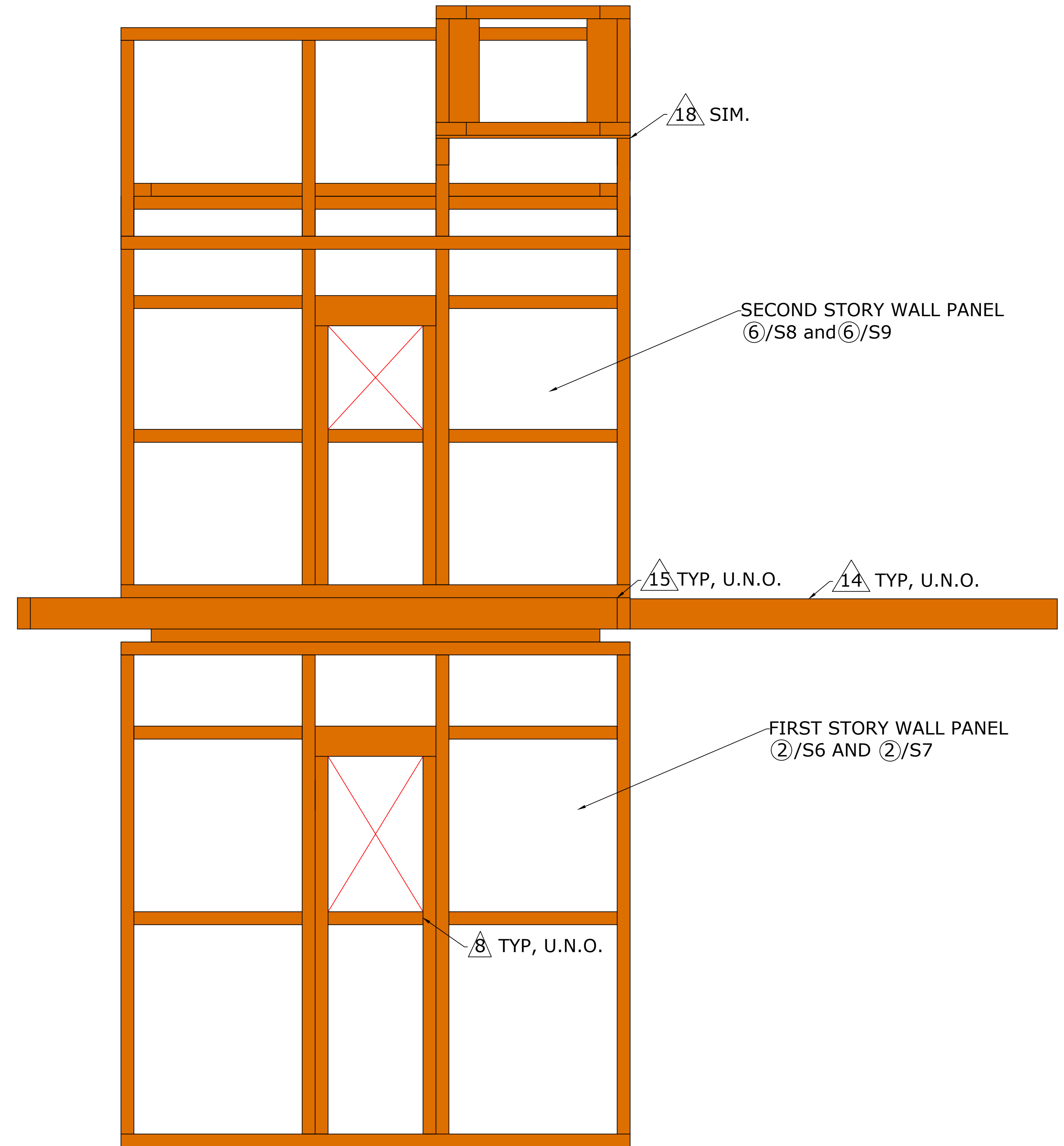
**CHIMNEY NORTH FACE**



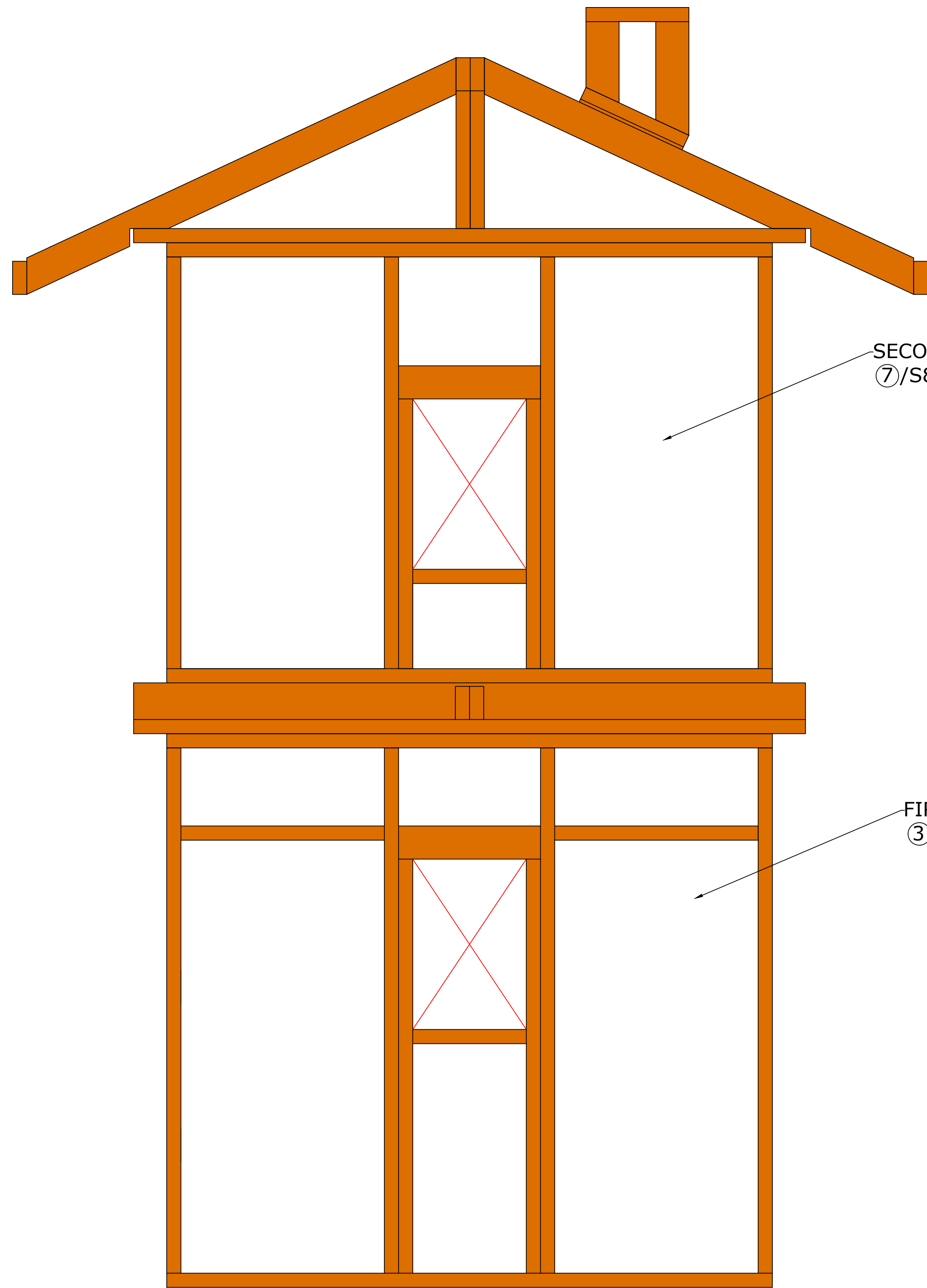
**CHIMNEY EAST FACE**



**E1: ELEVATION NORTH FACE**



**E2: ELEVATION EAST FACE**

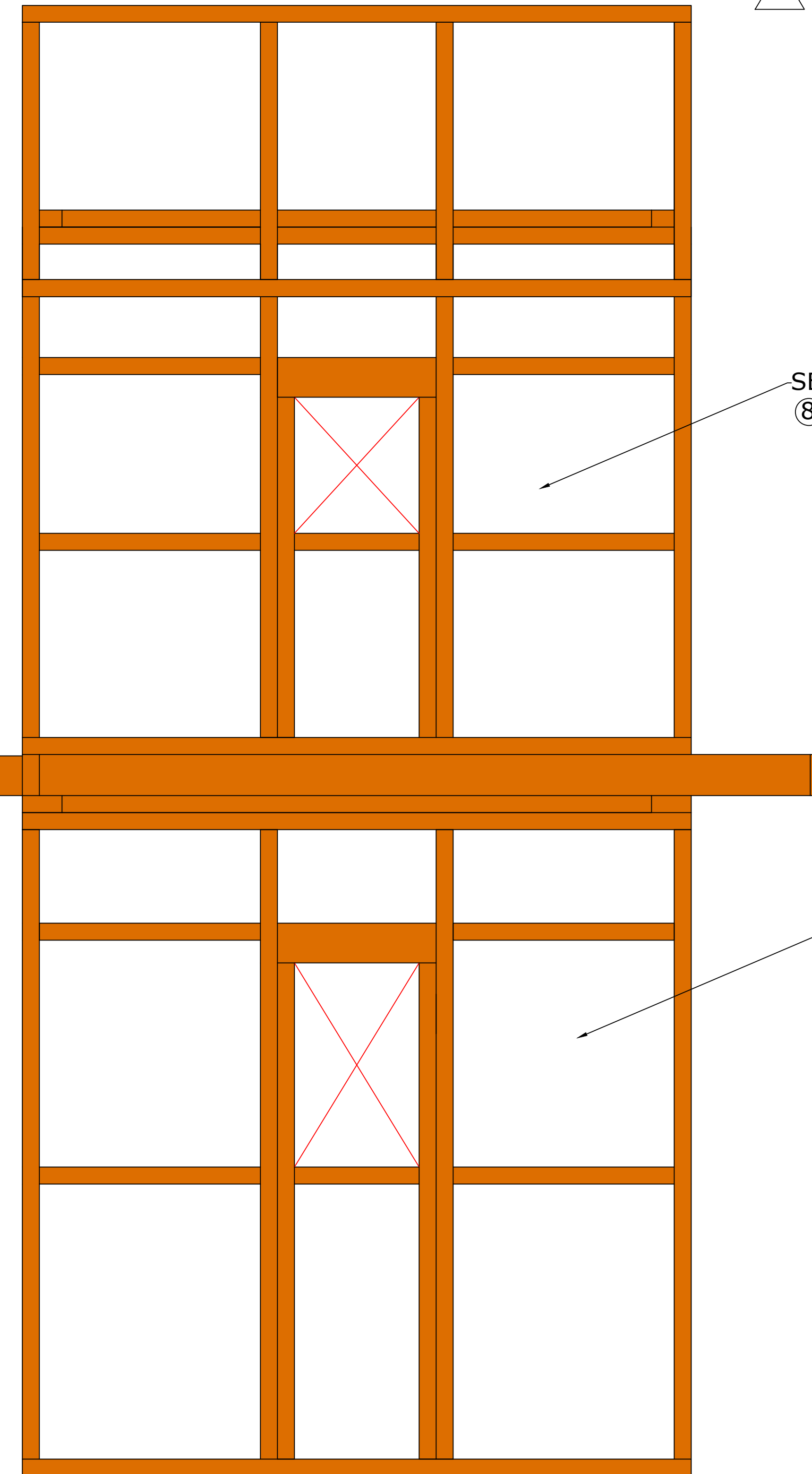


**E3: ELEVATION SOUTH FACE**

SECOND STORY WALL PANEL  
⑦/S8 AND ⑦/S9

FIRST STORY WALL PANEL  
③/S6 AND ③/S7

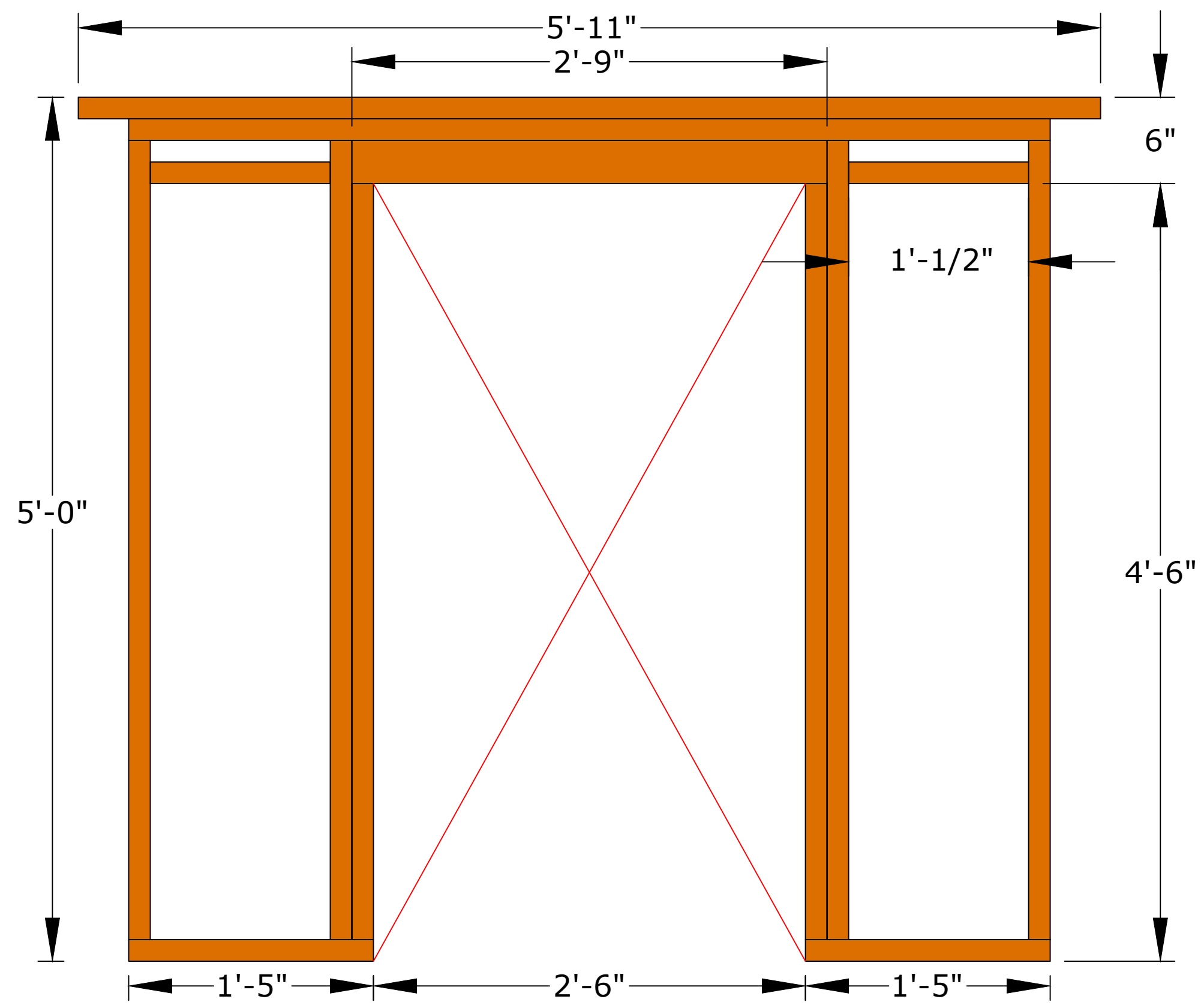
△ KEYNOTE, SEE S0



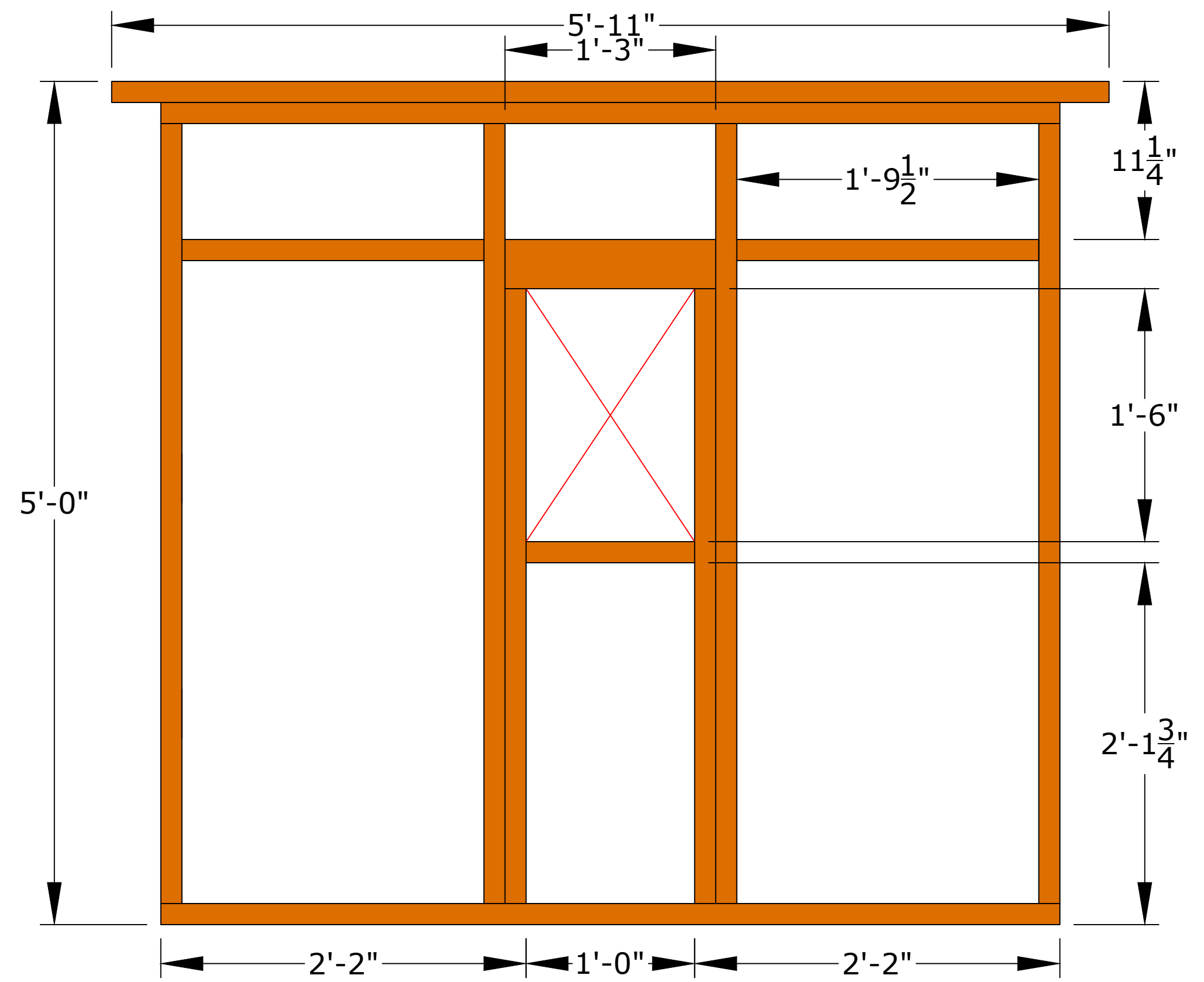
**E4: ELEVATION WEST FACE**

SECOND STORY WALL PANEL  
⑧/S8 AND ⑧/S9

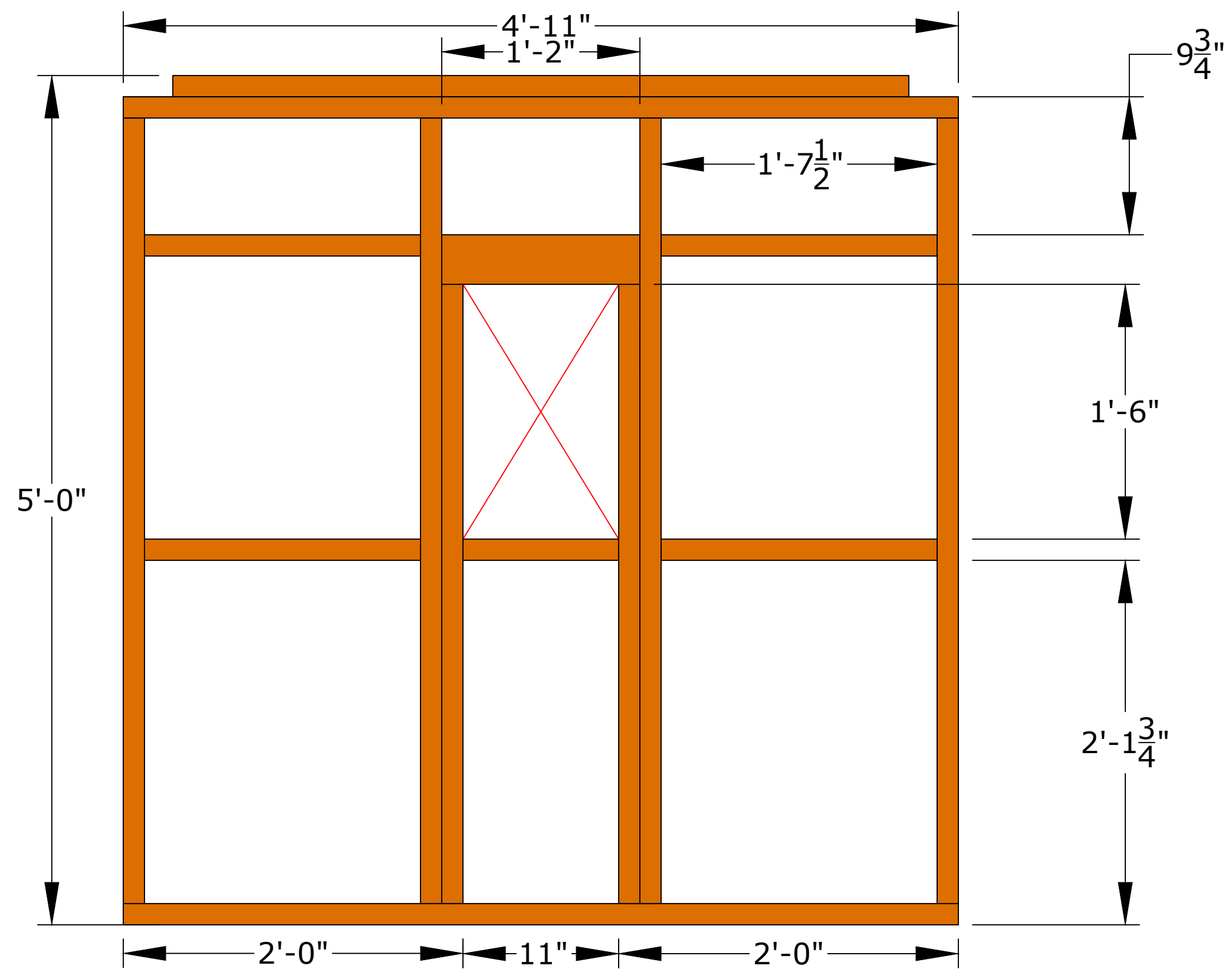
FIRST STORY WALL PANEL  
④/S6 AND ④/S7



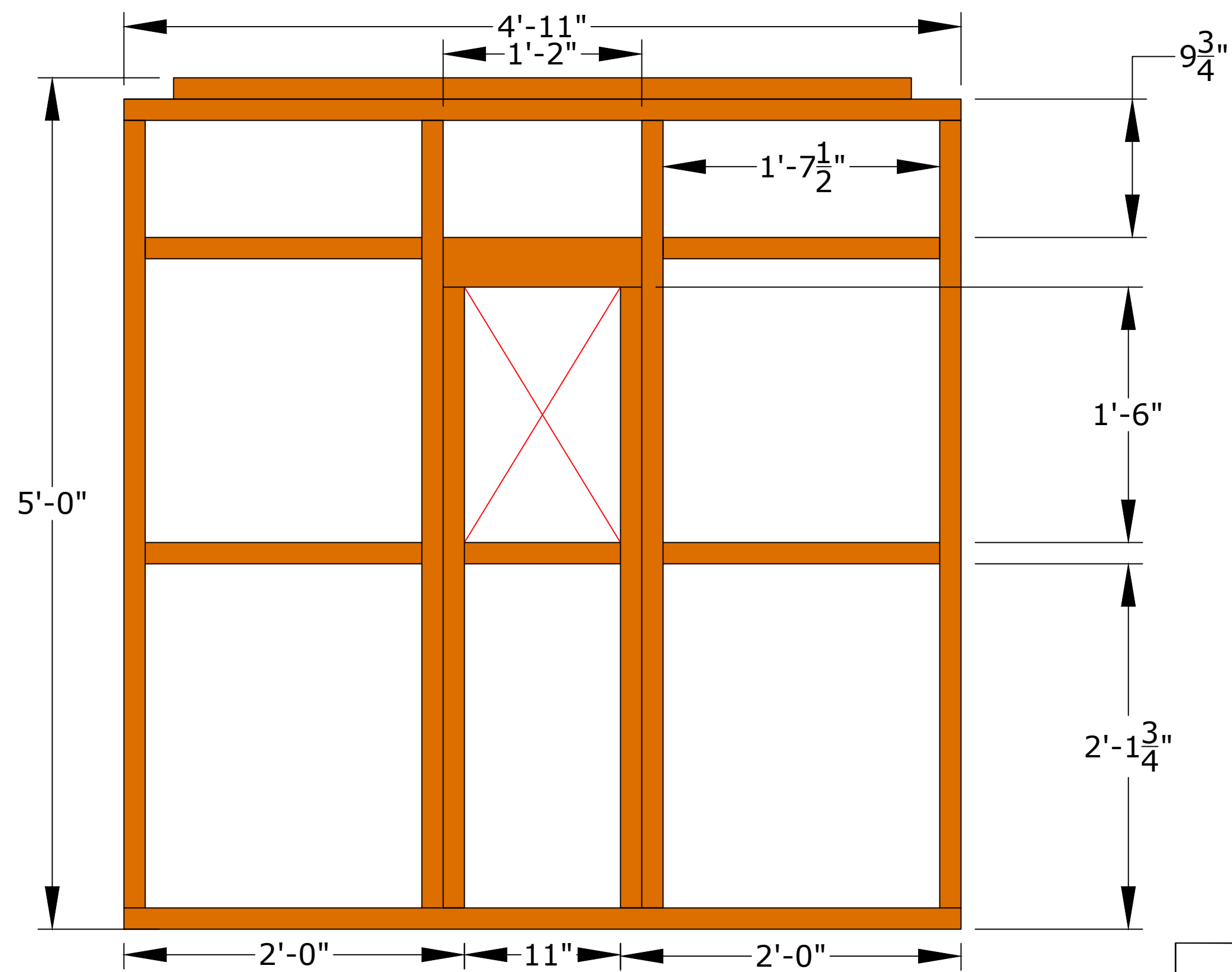
①: FIRST STORY NORTH FACE



③: FIRST STORY SOUTH FACE

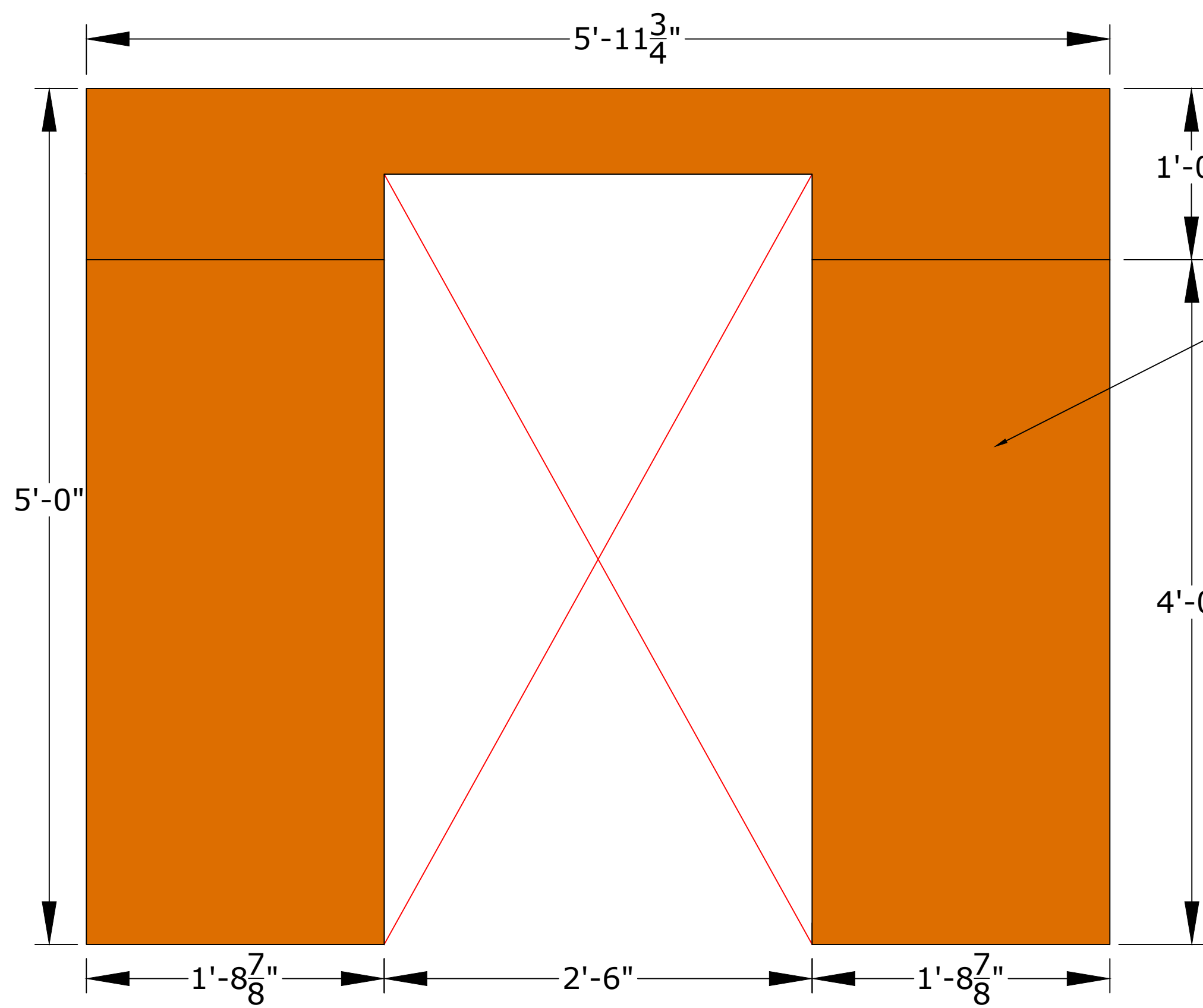


②: FIRST STORY EAST FACE

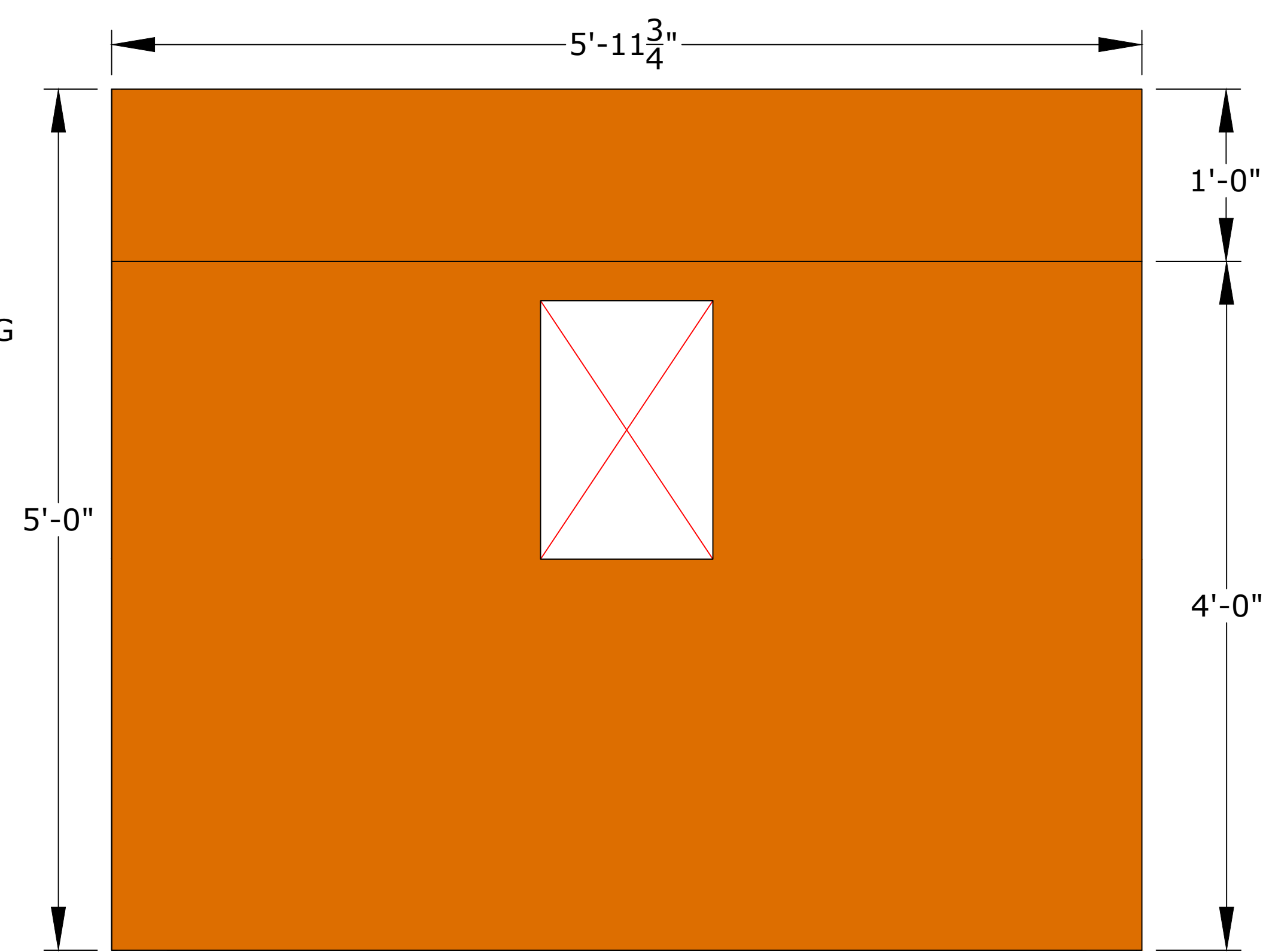


④: FIRST STORY WEST FACE

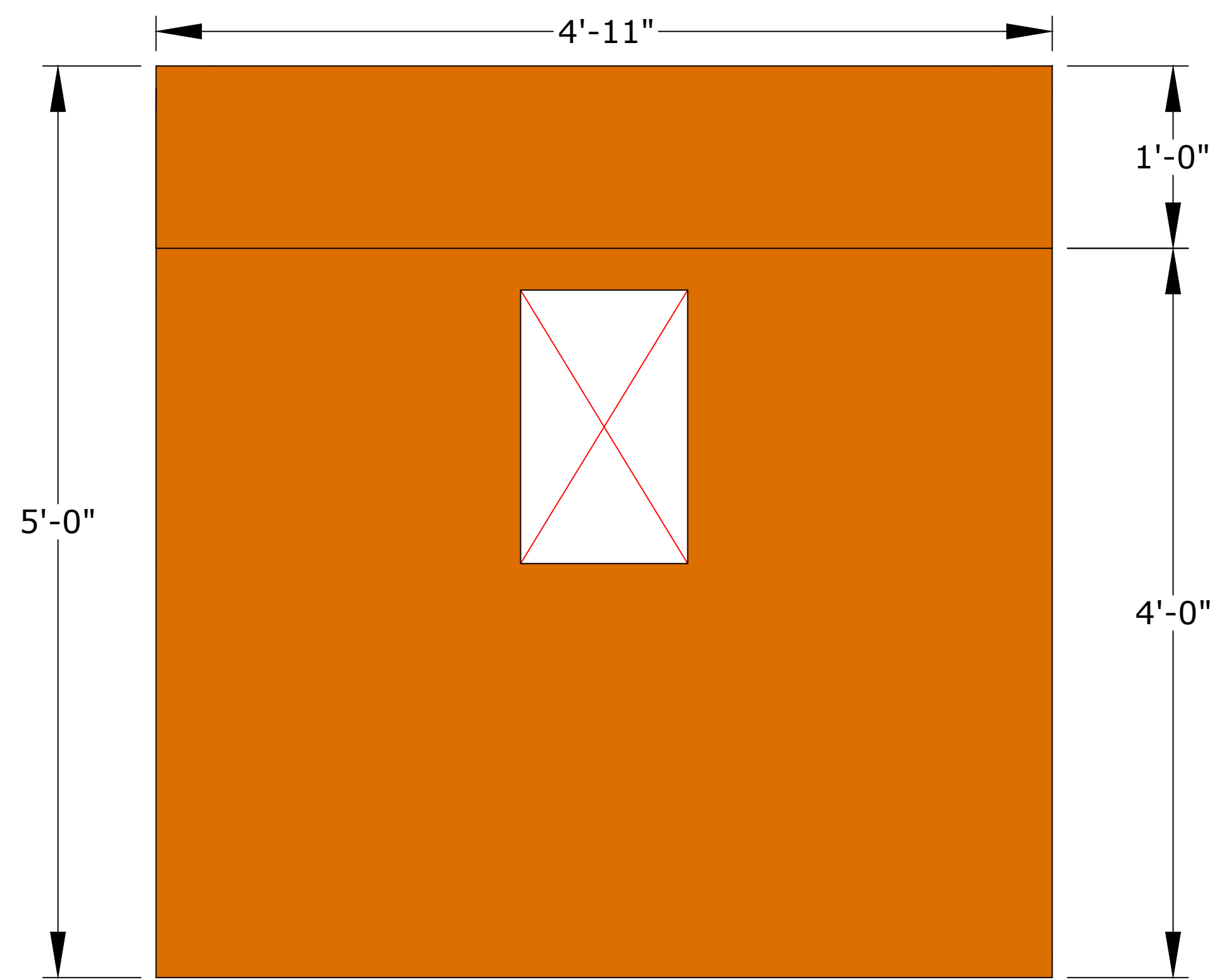




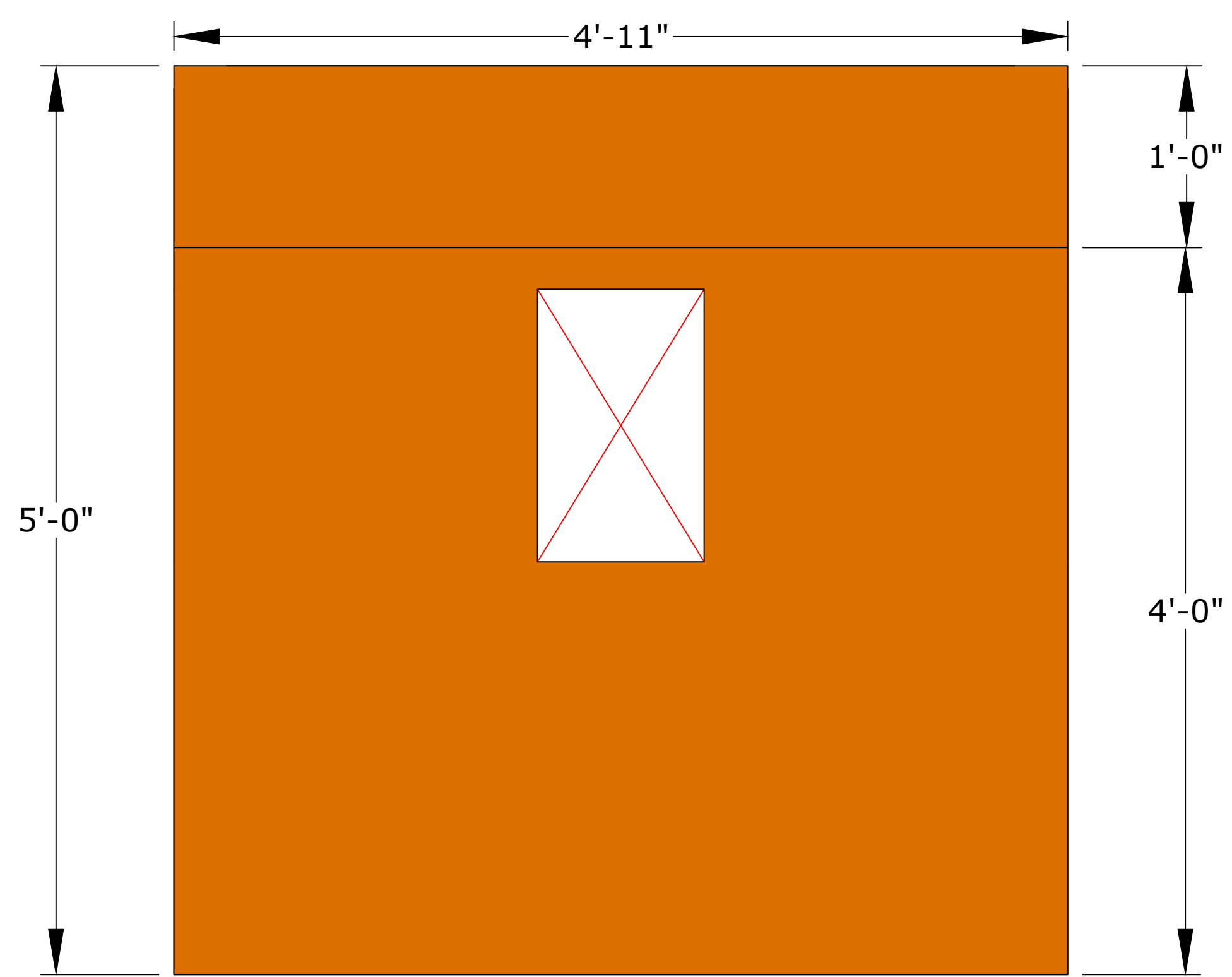
①: FIRST STORY NORTH FACE



③: FIRST STORY SOUTH FACE



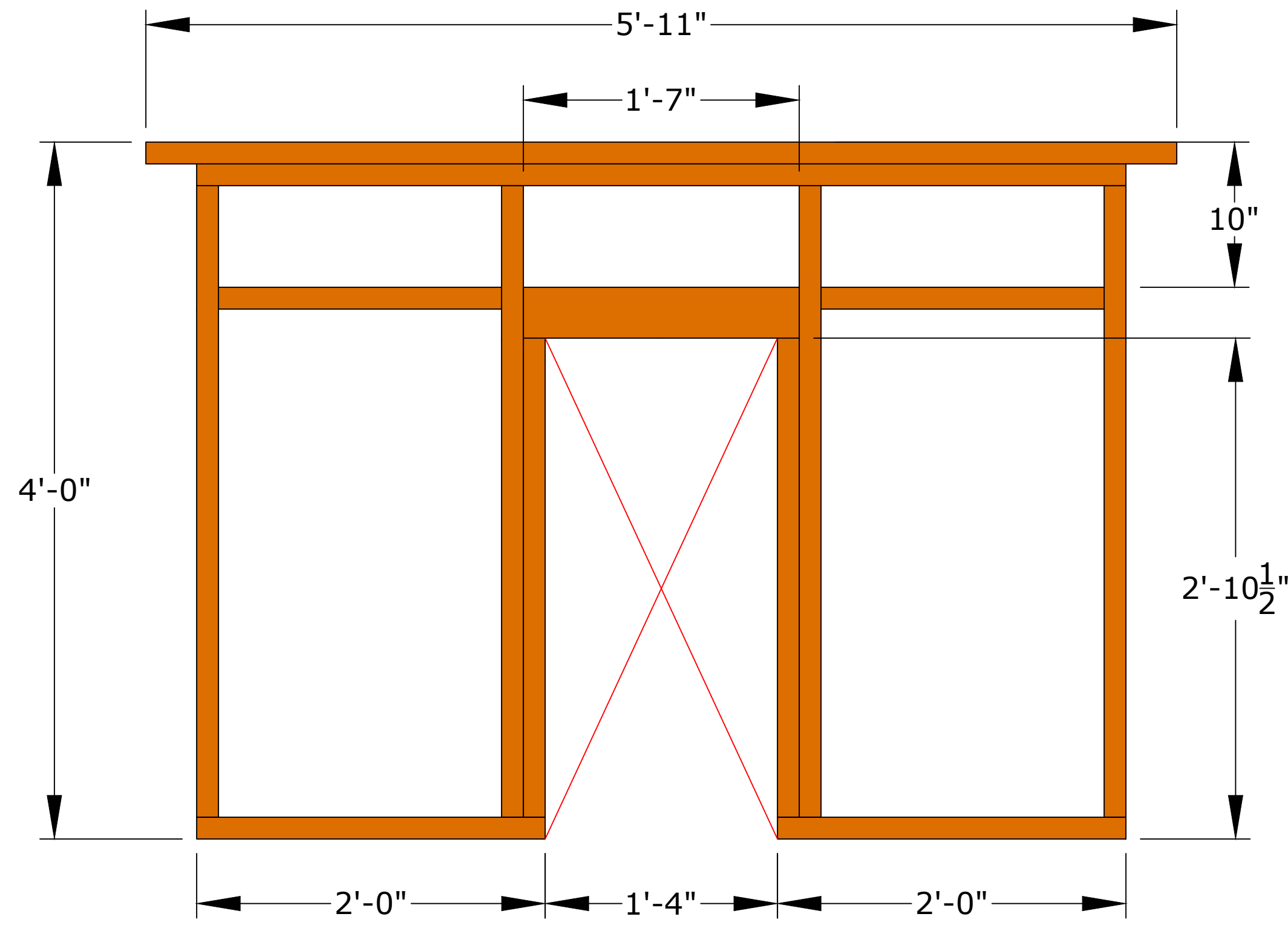
②: FIRST STORY EAST FACE



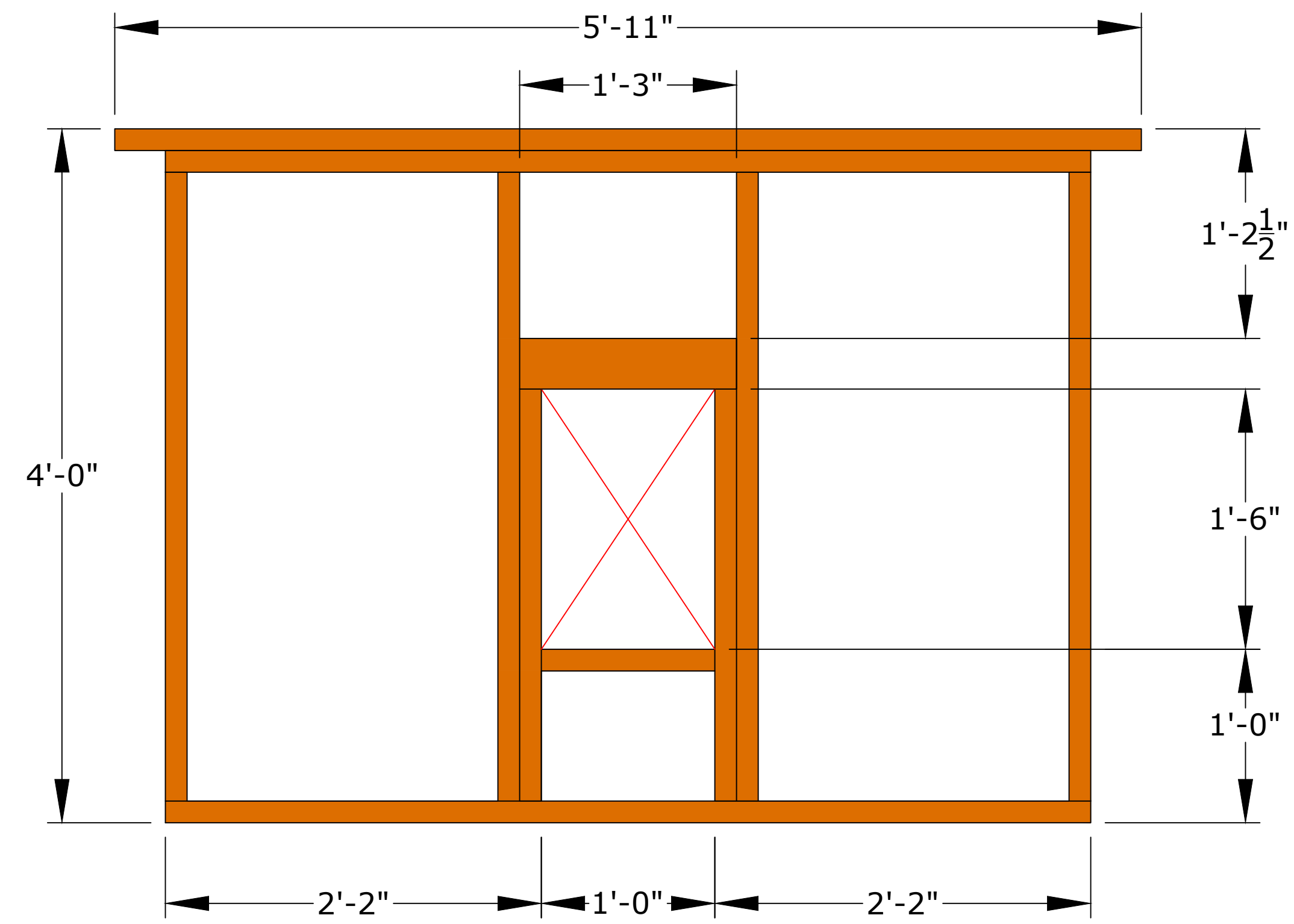
④: FIRST STORY WEST FACE

**NOTES:**

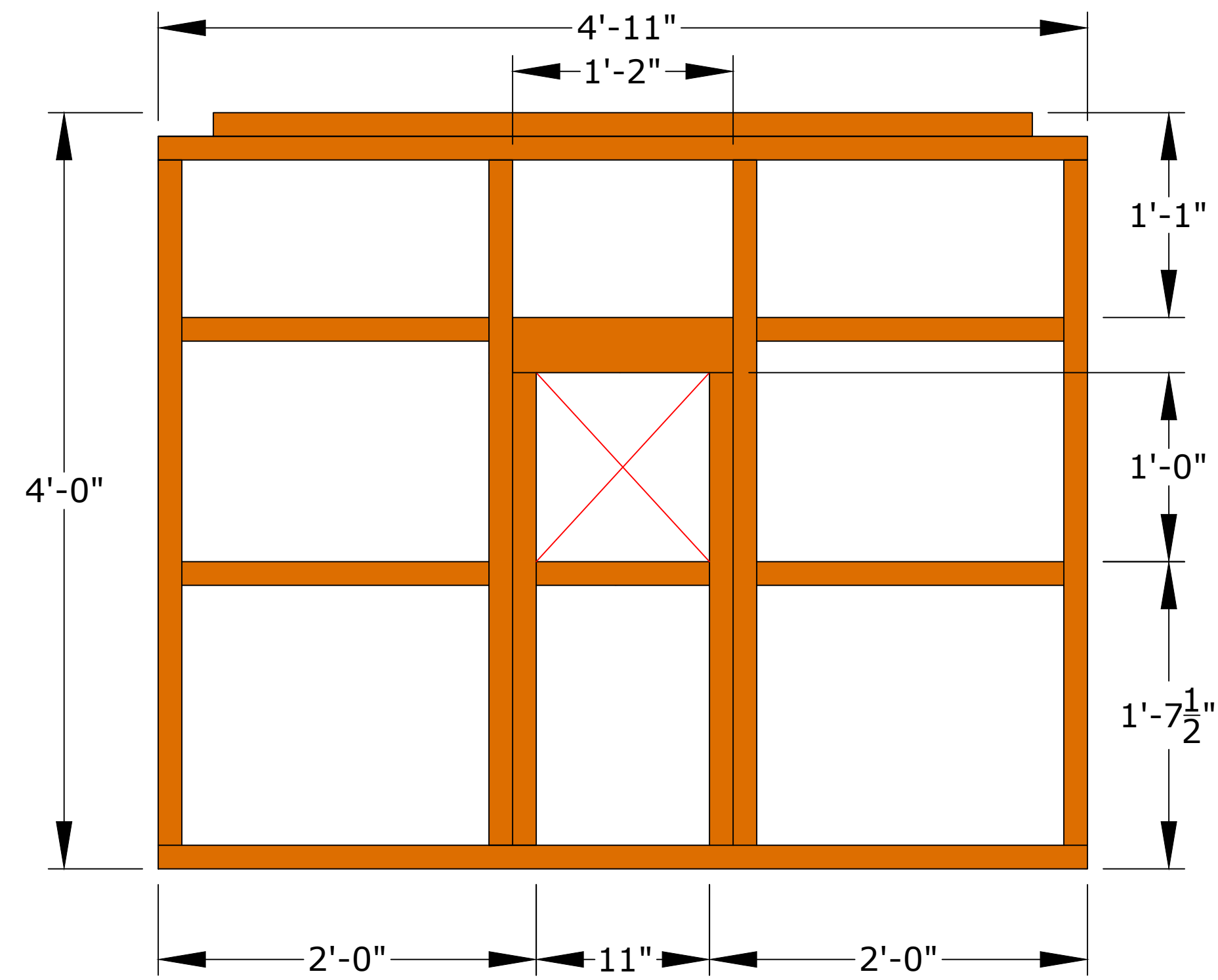
- 3/8" Sheathing
- 6d Common Nails
- 4" Nail Spacing U.N.O On Panel Edges



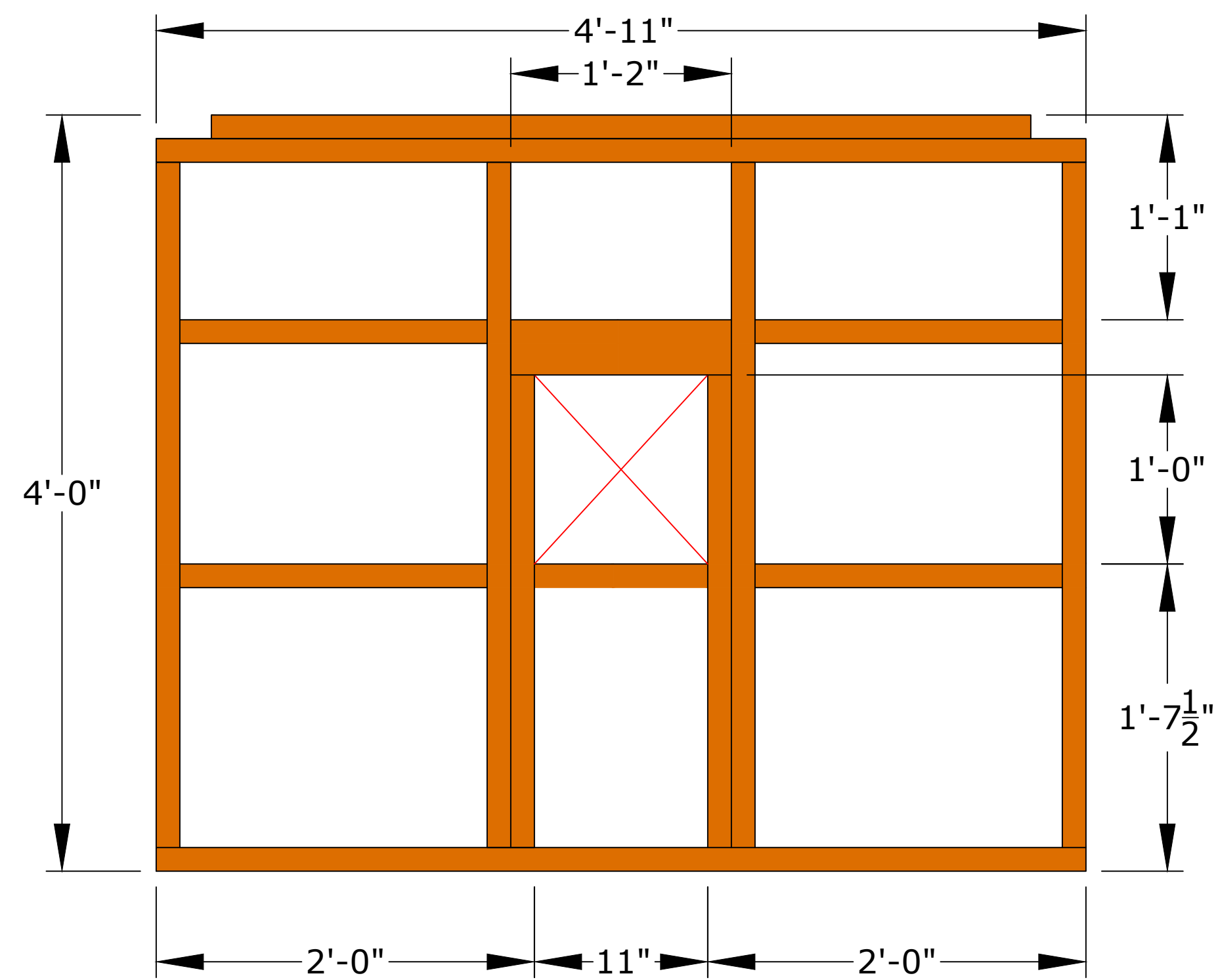
⑤: SECOND STORY NORTH FACE



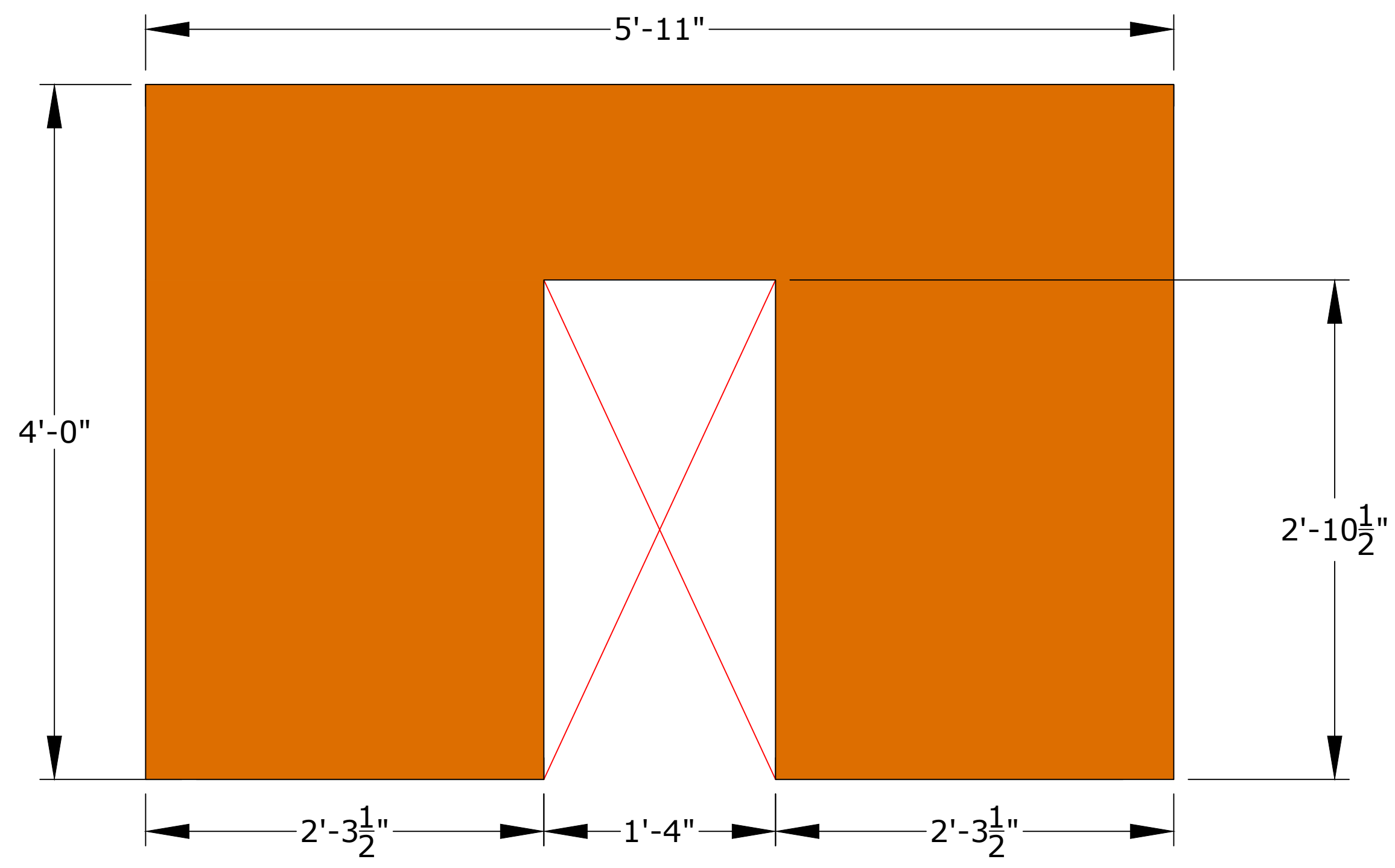
⑦: SECOND STORY SOUTH FACE



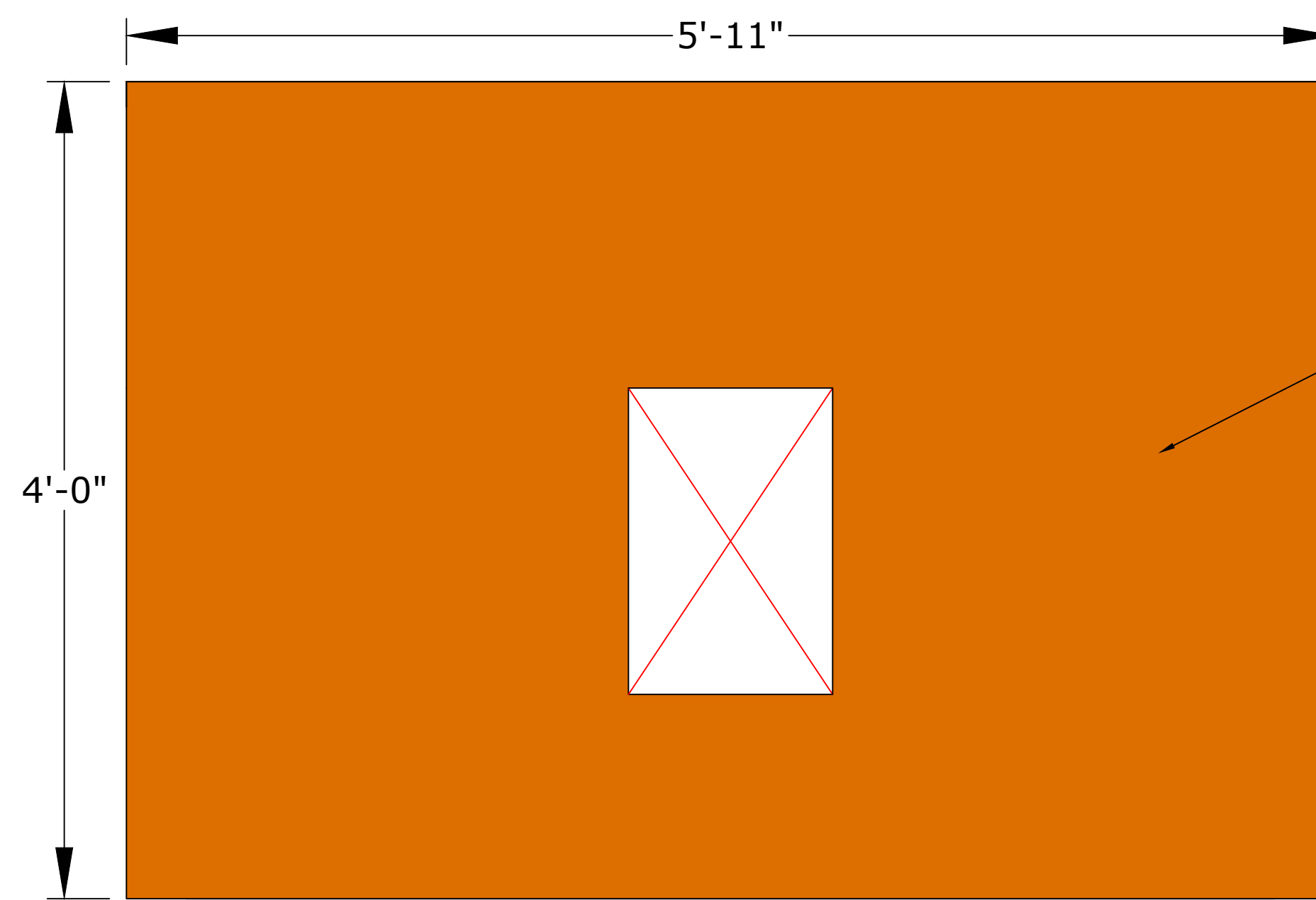
⑥: SECOND STORY EAST FACE



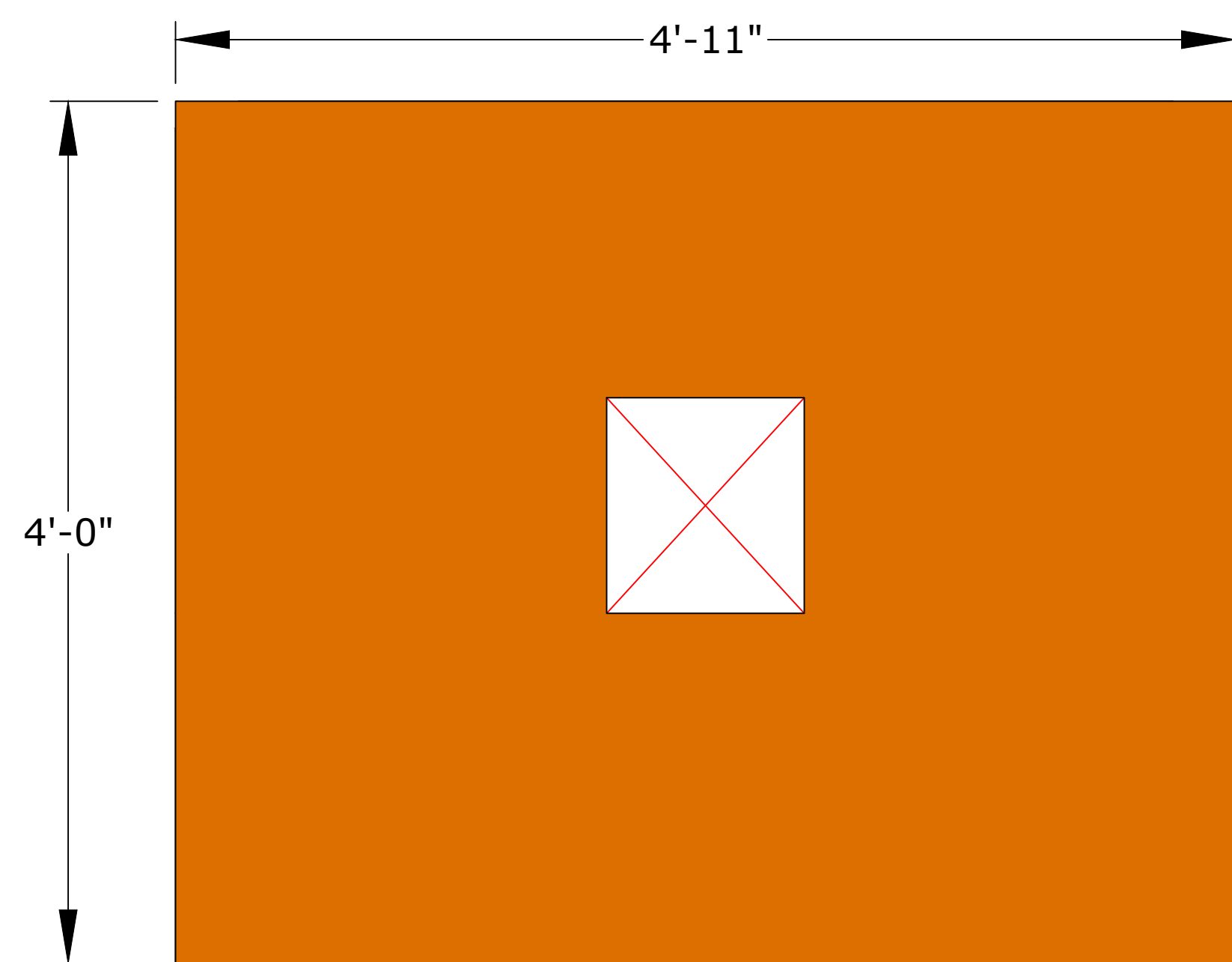
⑧: SECOND STORY WEST FACE



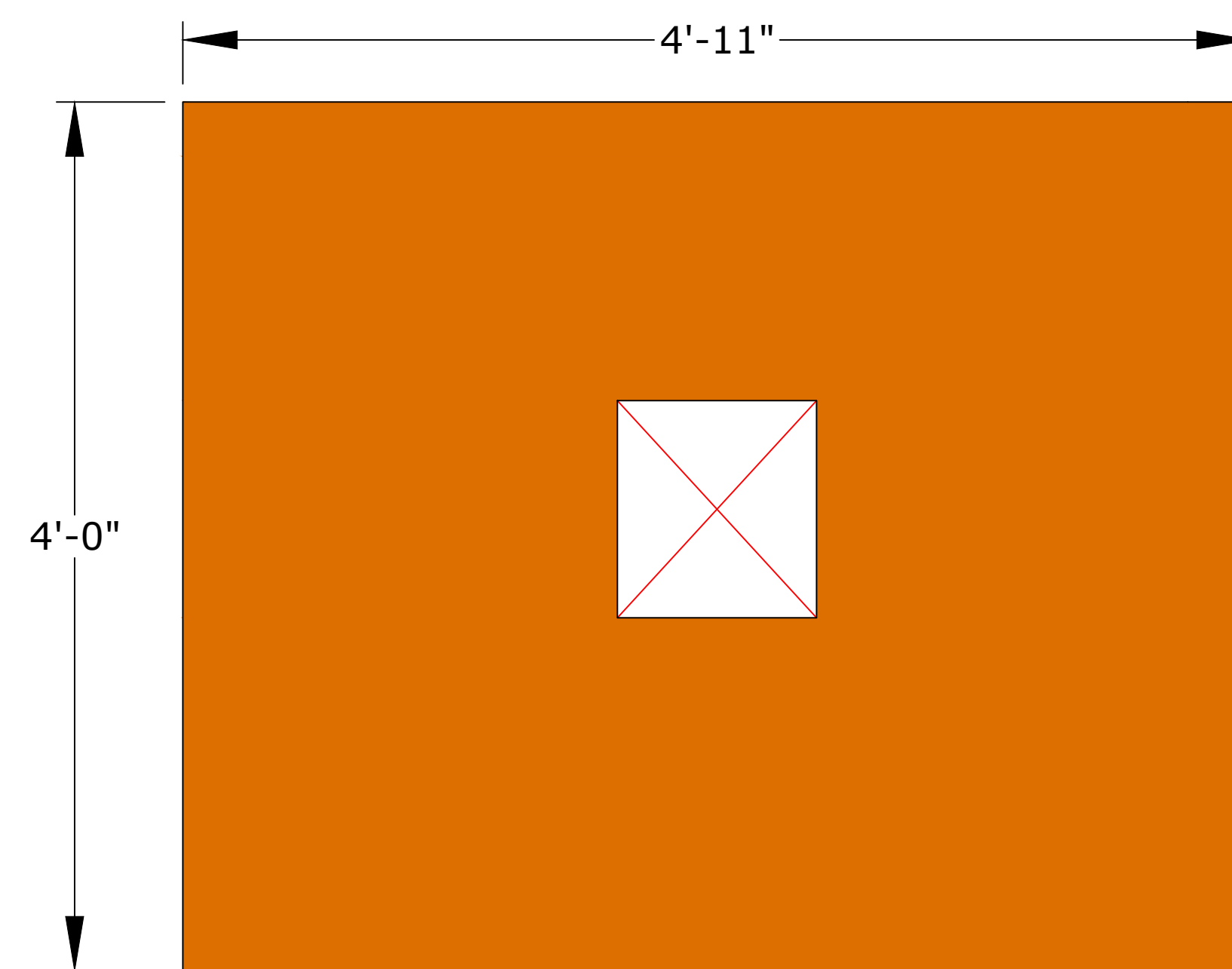
⑤: SECOND STORY NORTH FACE



⑦: SECOND STORY SOUTH FACE



⑥: SECOND STORY EAST FACE

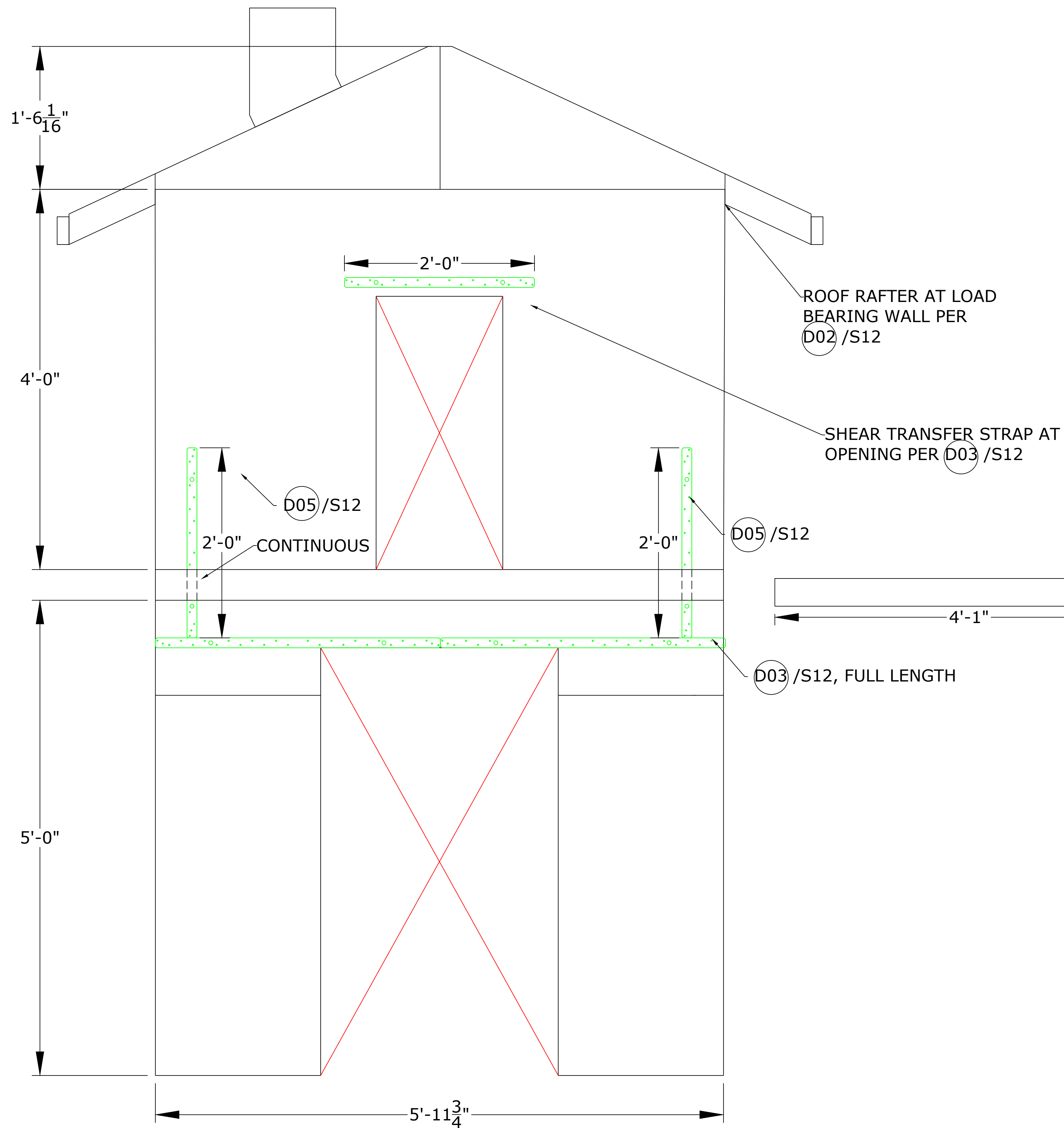


⑧: SECOND STORY WEST FACE

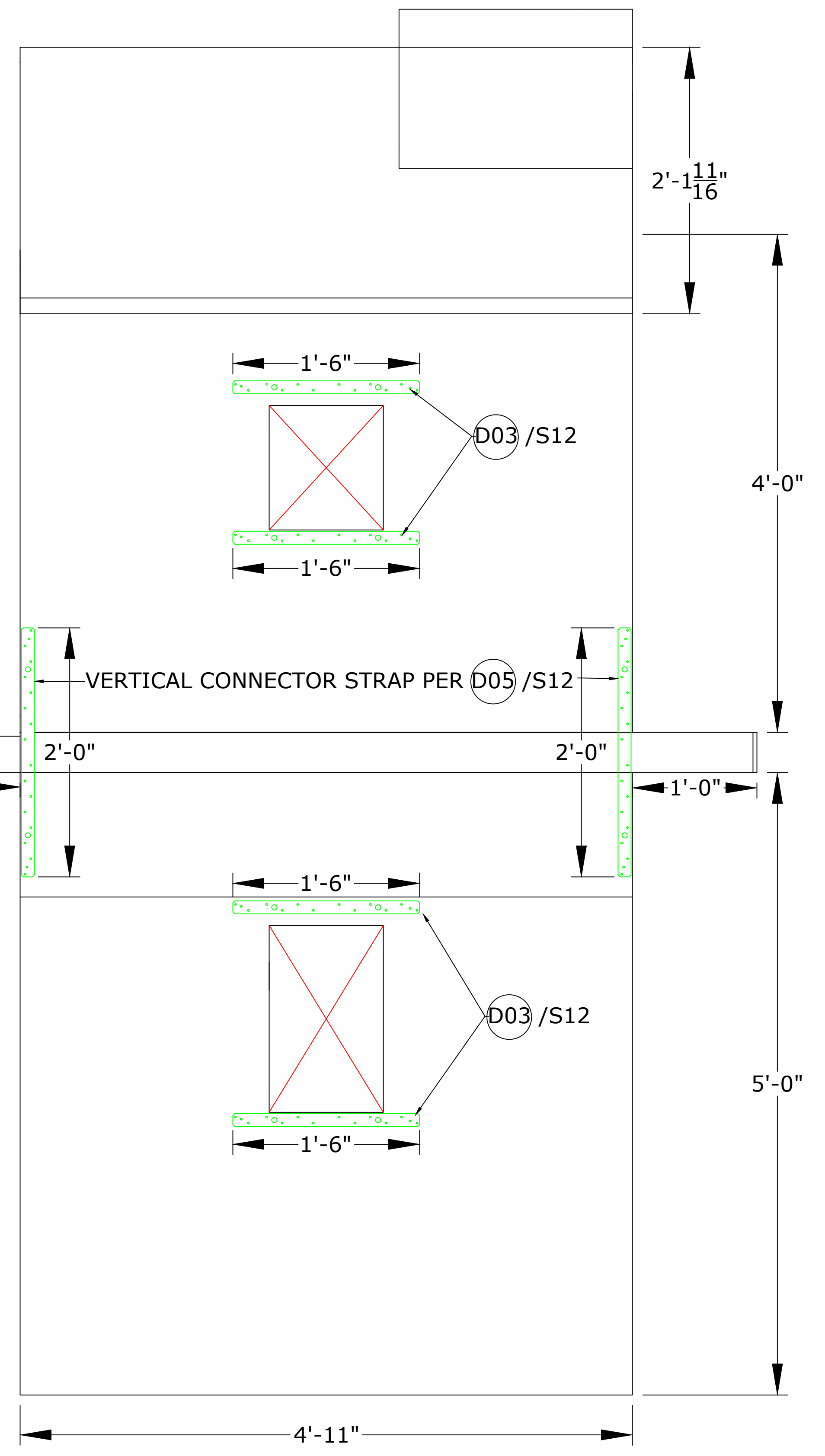
**NOTES:**

- 3/8" Sheathing
- 6d Common Nails
- 6" Nail Spacing U.N.O On Panel Edges

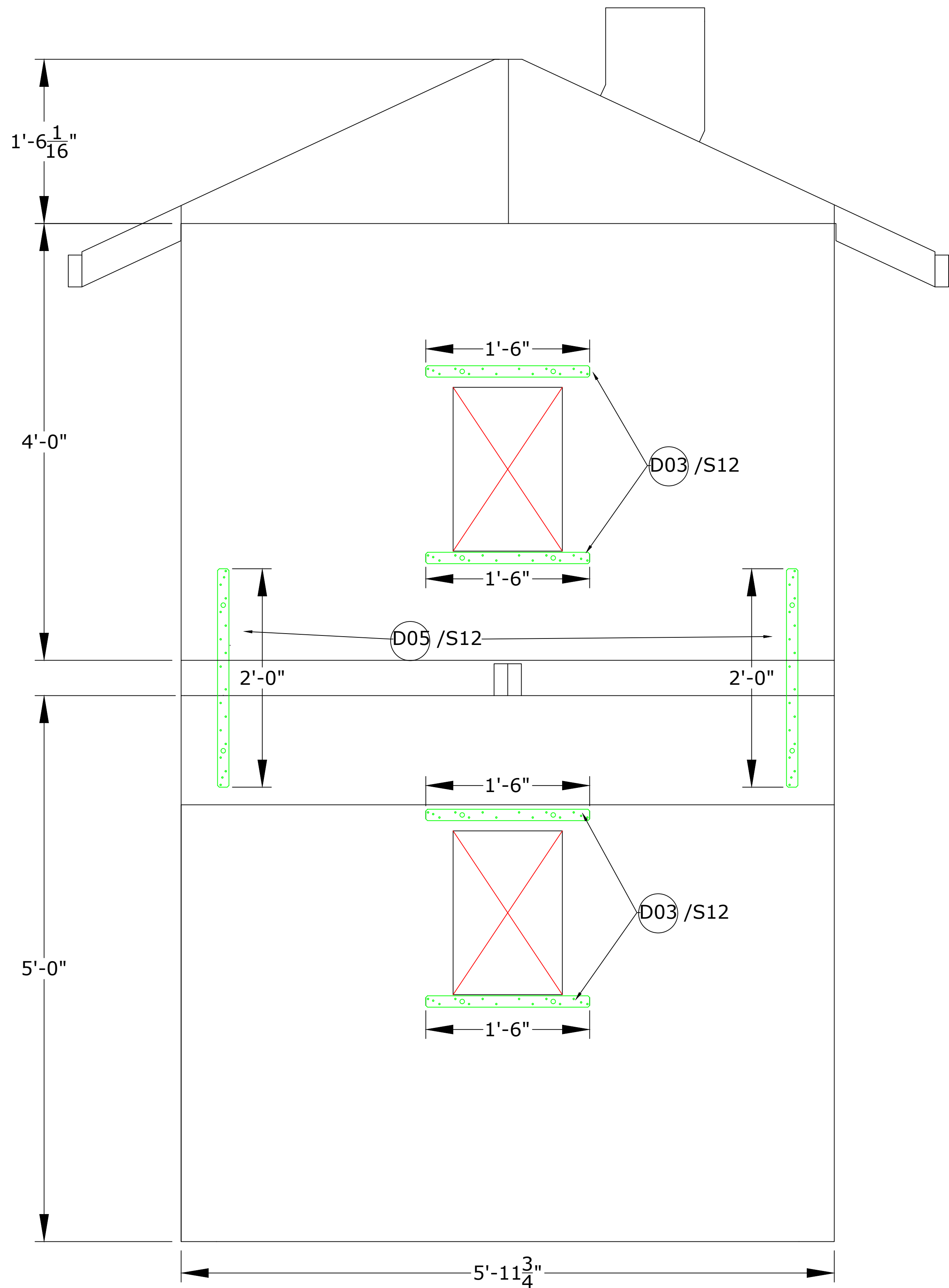
4" NAIL SPACING



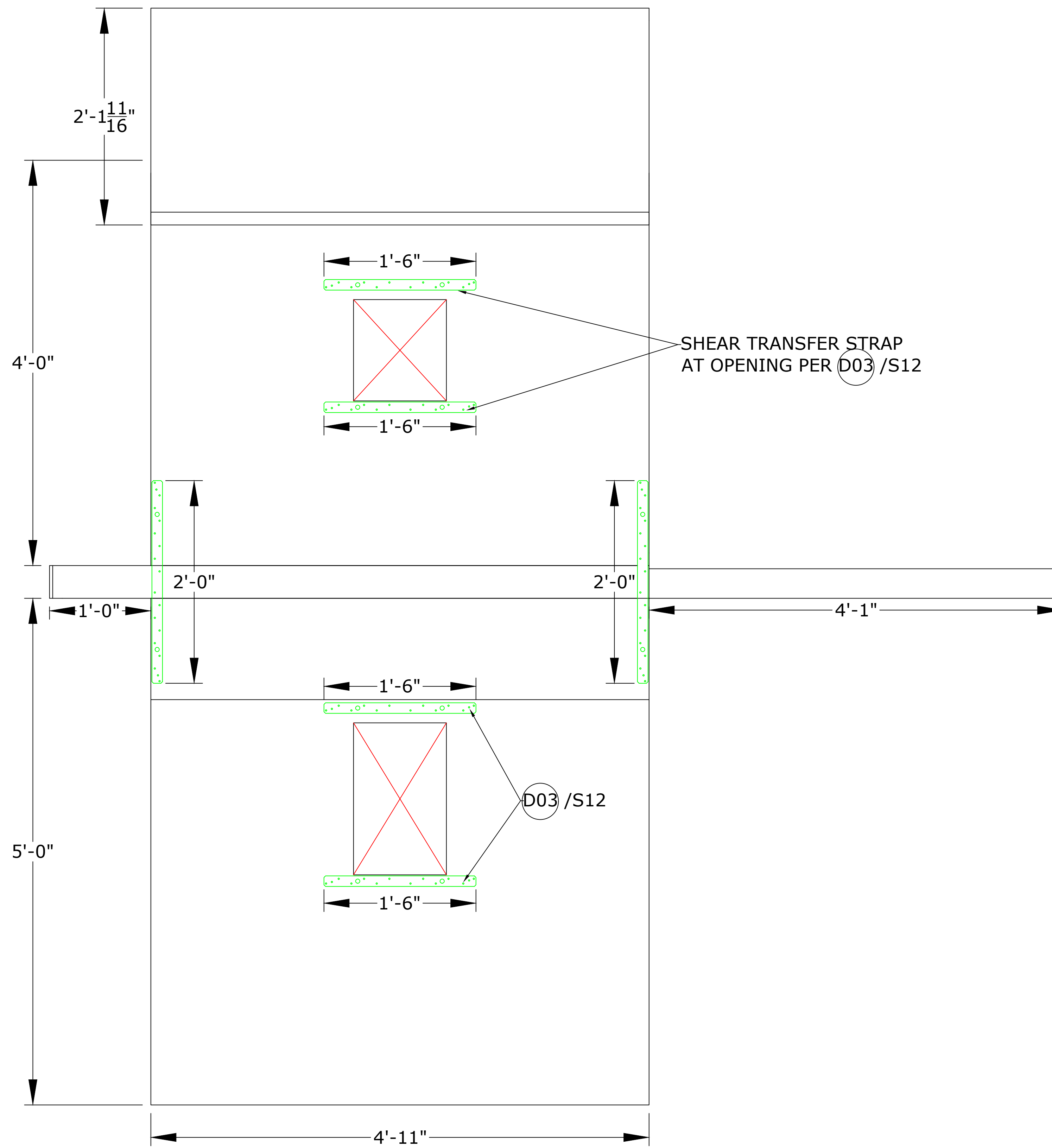
**E1: ELEVATION NORTH FACE**



**E2: ELEVATION EAST FACE**



**E3: ELEVATION SOUTH FACE**



**E4: ELEVATION WEST FACE**

