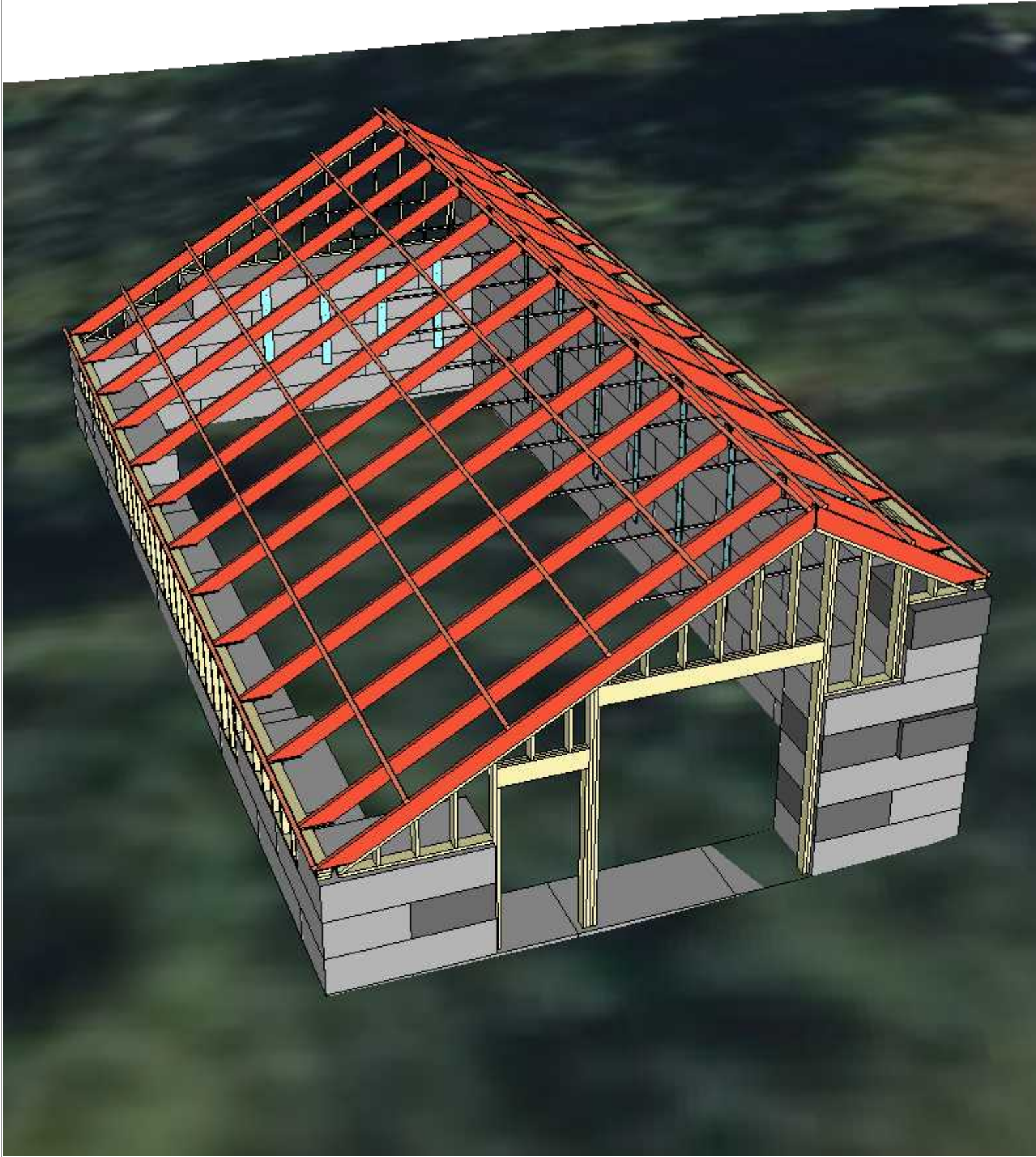


Parker Bonnell
Greenhouse Framing



Materials:

1/8"X2" SQ. TUBE (PURLINS)
3/16"X2"X8" TUBE (RAFTERS)
1/8"X1" SQ. TUBE (COLLAR TIES)
HR FLAT (PLATES, TABS, STRAPPING)

Hardware:

5/16" GRKS (INTO SILL PLATES)
1/2" WEDGE ANCHORS (STRAPPING INTO CONCRETE BLOCKS)
1/2" BOLTS (RAFTERS/COLLAR TIES)
SELF TAPPING SCREWS (PURLINS)

Finishes:

TO BE GALVANIZED BY OTHERS

Install Notes:

FW TO DO WOOD FRAMING ON SOUTH AND NORTH WALLS

GABLE END WALLS TO BE FRAMED BY OTHERS

SILL PLATES TO BE PT 2X6S

WALL FRAMING TO BE PT 2X4S

Penny Harte

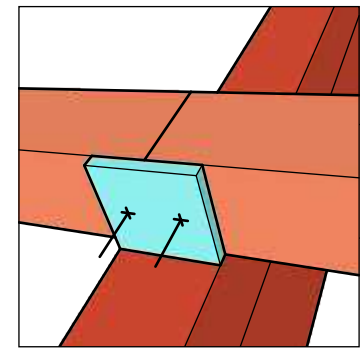
PARKER BONNELL
GREENHOUSE FRAMING
SHOPS
5-21-2025



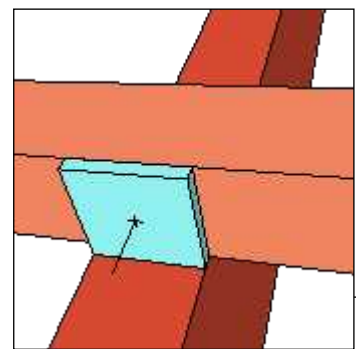
OVERVIEW

END RAFTER - LONG

2 RAFTERS PER SIDE HAVE
TABS WITH 2 HOLES
(WHERE PURLINS MEET)



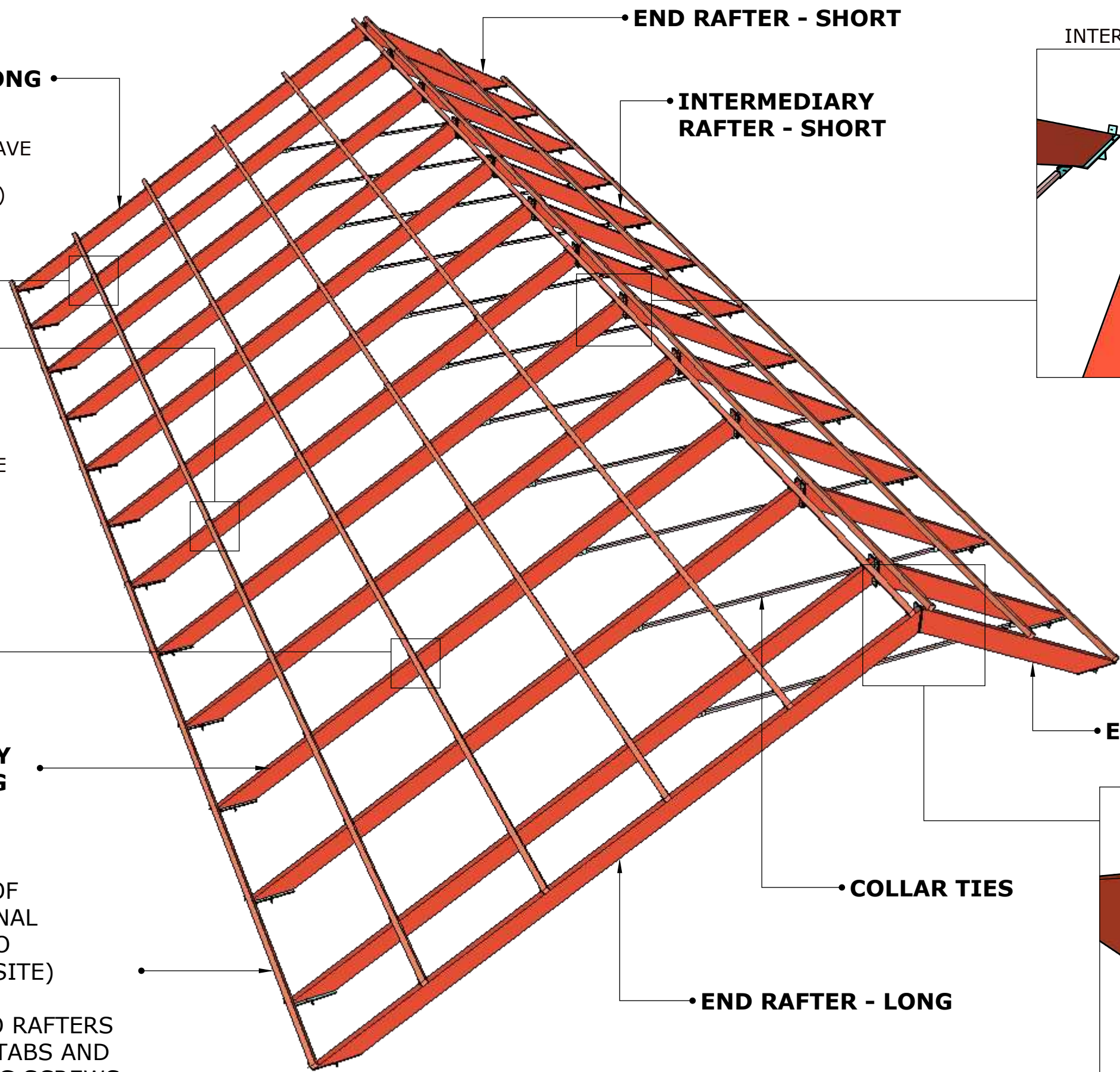
ALL OTHER RAFTERS
HAVE TABS W 1 HOLE



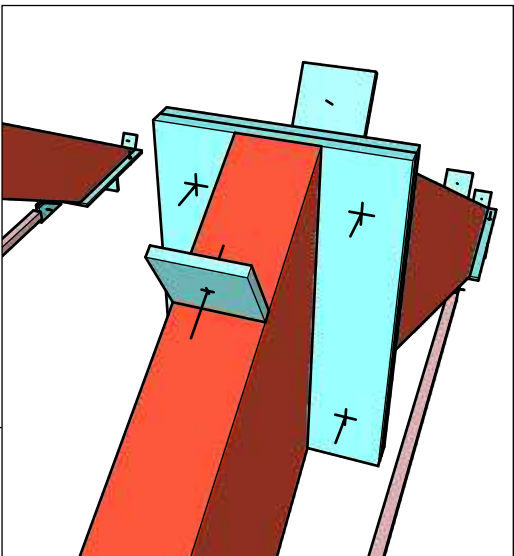
INTERMEDIARY
RAFTER - LONG

PURLINS
(CONSISTS OF
3 PIECES, FINAL
PIECE CUT TO
LENGTH ON SITE)

SCREWED TO RAFTERS
VIA RAFTER TABS AND
SELF-TAPPING SCREWS

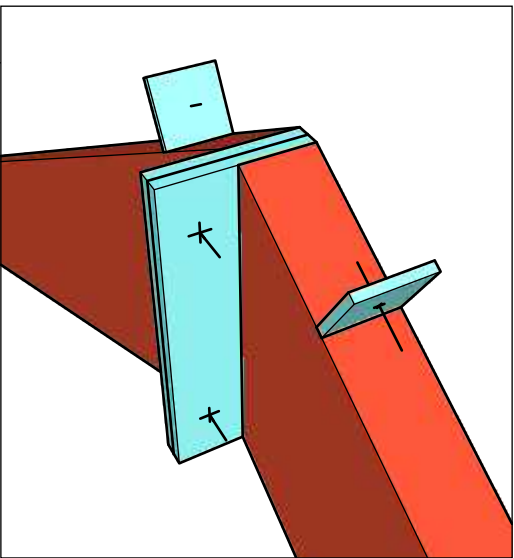


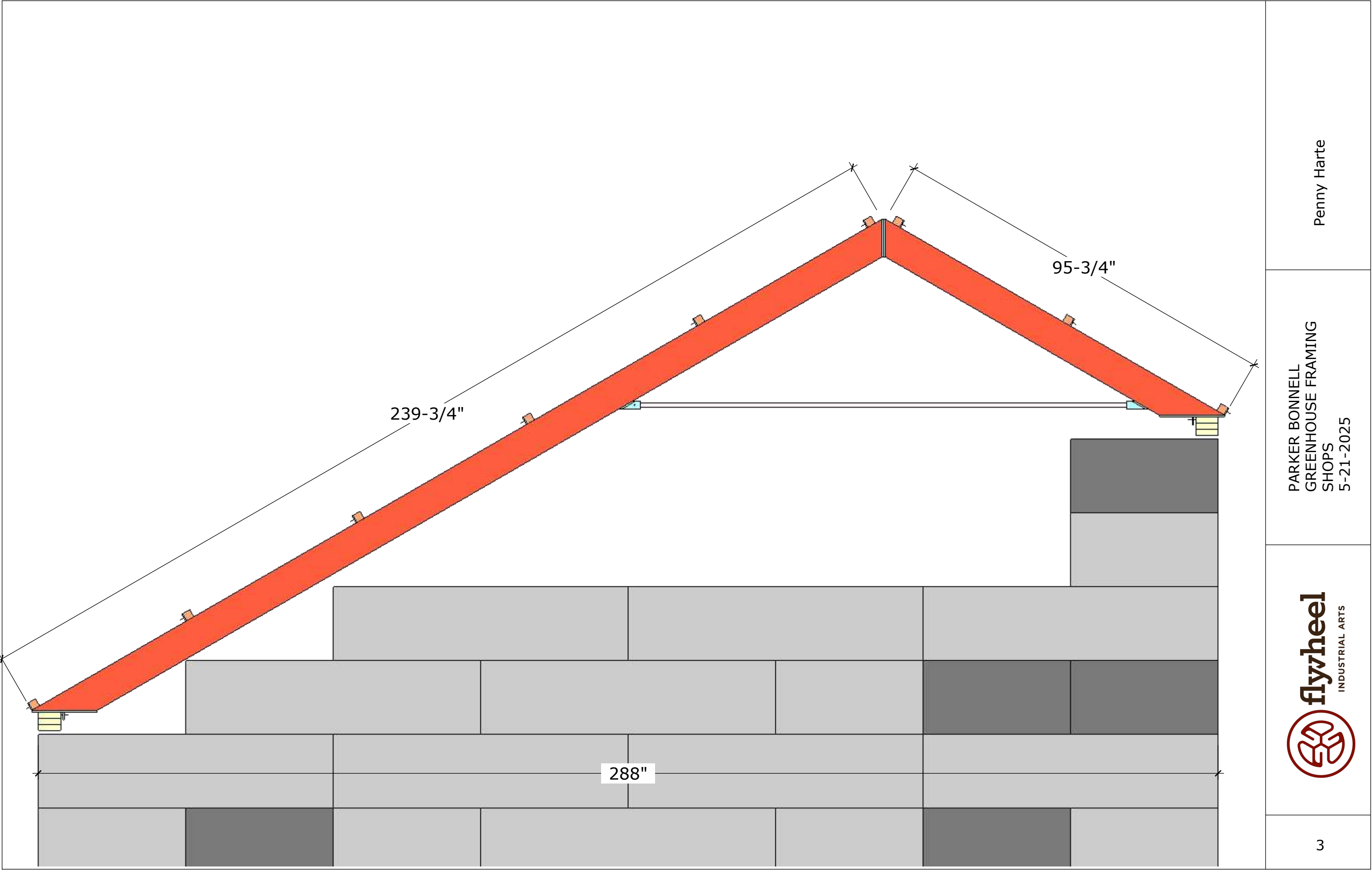
INTERMEDIARY RAFTERS



END RAFTER - SHORT

END RAFTERS





COLLAR TIES
X11

• COLLAR TIE TAB

• COLLAR TIE

TOP VIEW

TOP VIEW

SIDE VIEW

9/16" HOLE FOR 1/2" BOLT

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PARKER BONNELL
GREENHOUSE FRAMING
SHOPS
5-21-2025

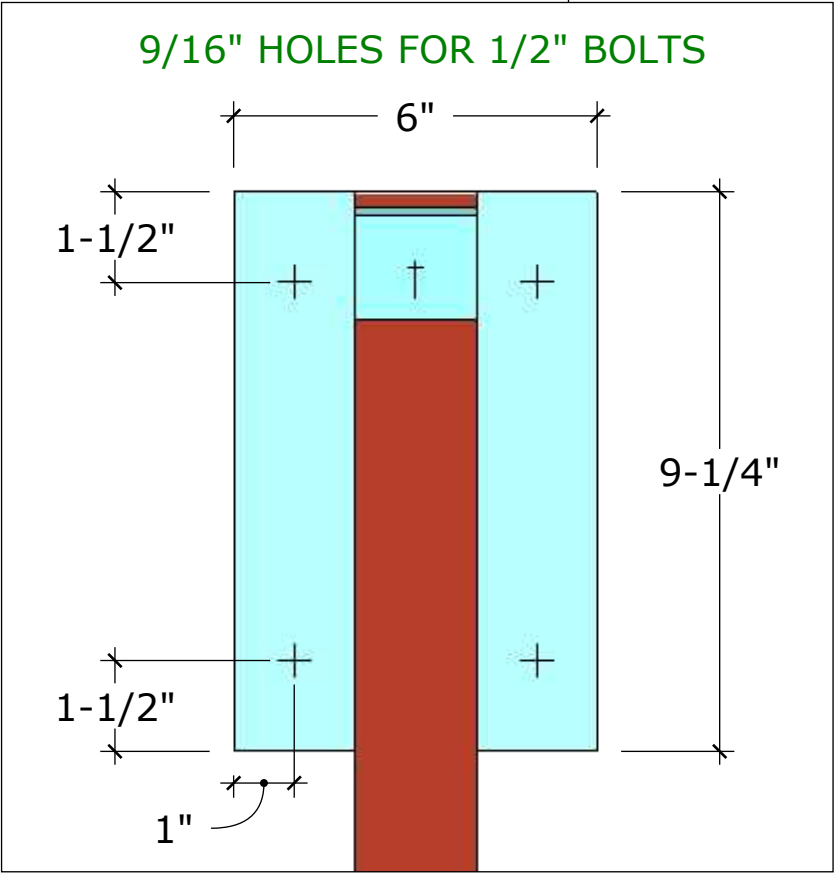


RAFTERS

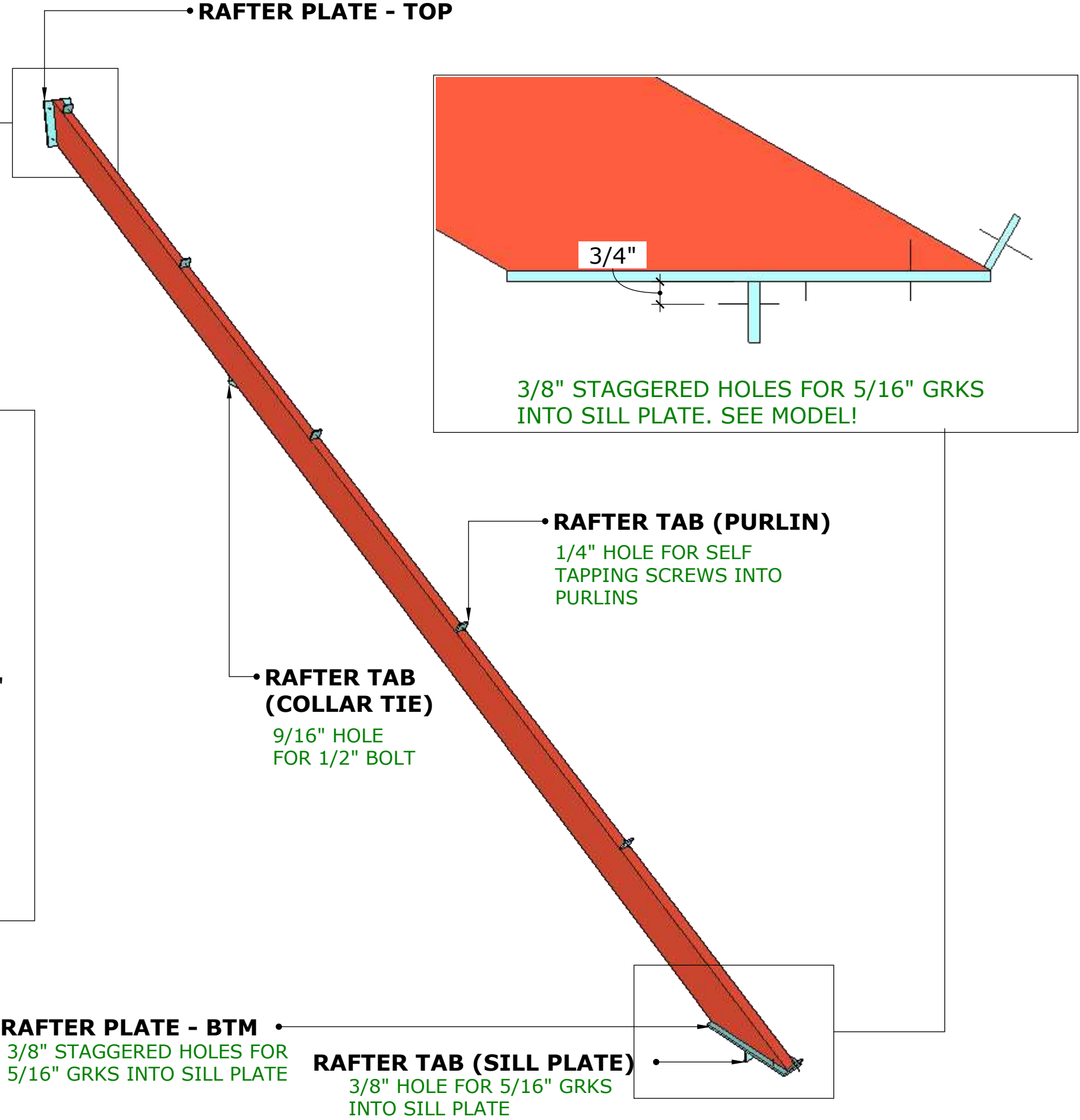
THESE IMAGES SHOW THE LONG RAFTERS, BUT SHORT RAFTERS ARE MADE UP OF THE SAME PARTS AND PIECES, THE DIFFERENCE BEING RAFTER LENGTH

X13 TOTAL LONG RAFTERS
X13 TOTAL SHORT RAFTERS

**SEE NEXT PAGE FOR MORE DETAIL

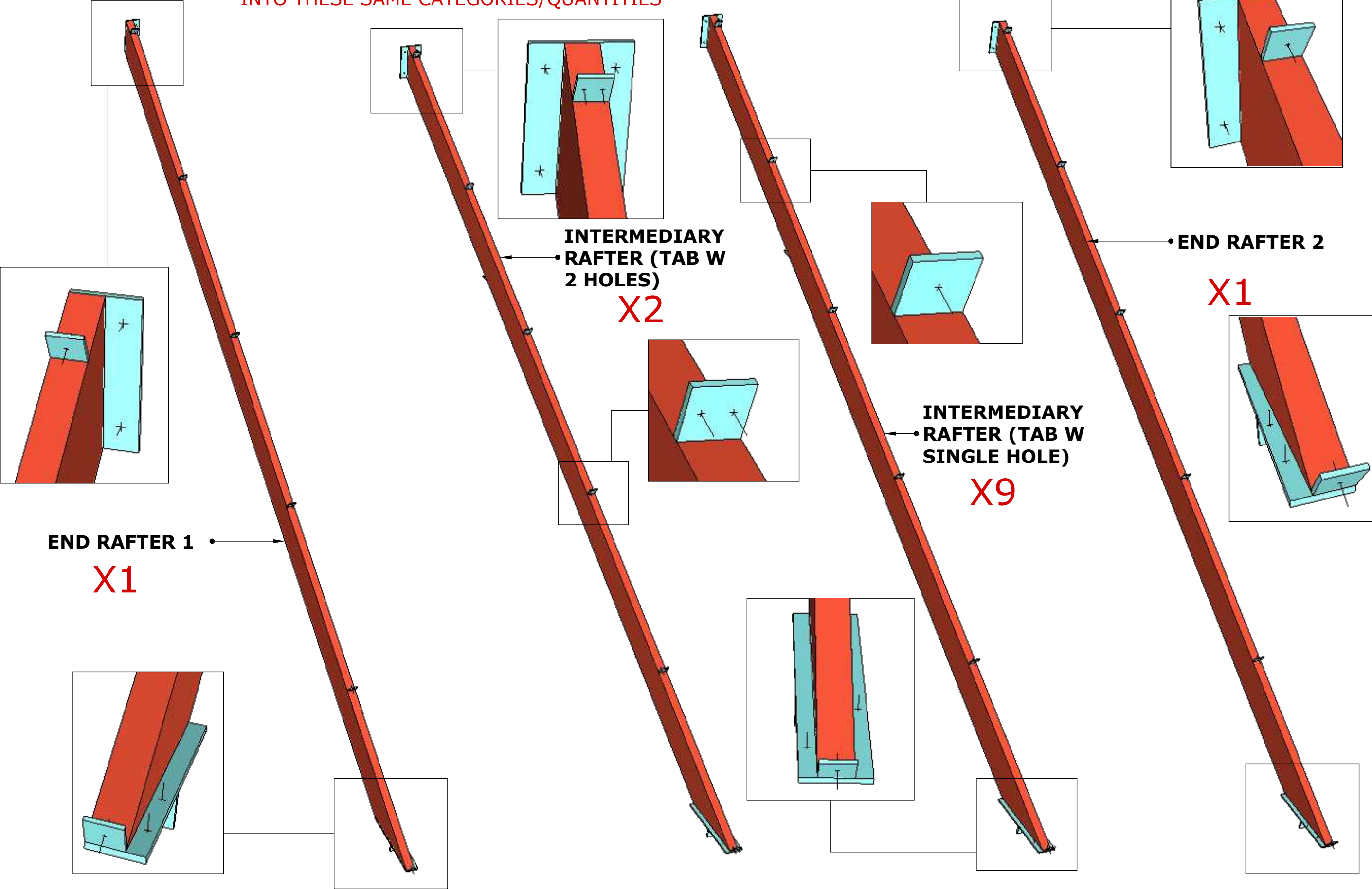


CAD FILE FOR TAB PLACEMENT



RAFTER TYPES

X26 TOTAL RAFTERS (13 LONG, 13 SHORT) -
LONG AND SHORT RAFTERS ARE BOTH BROKEN DOWN
INTO THESE SAME CATEGORIES/QUANTITIES



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PARKER BONNELL
GREENHOUSE FRAMING
SHOPS
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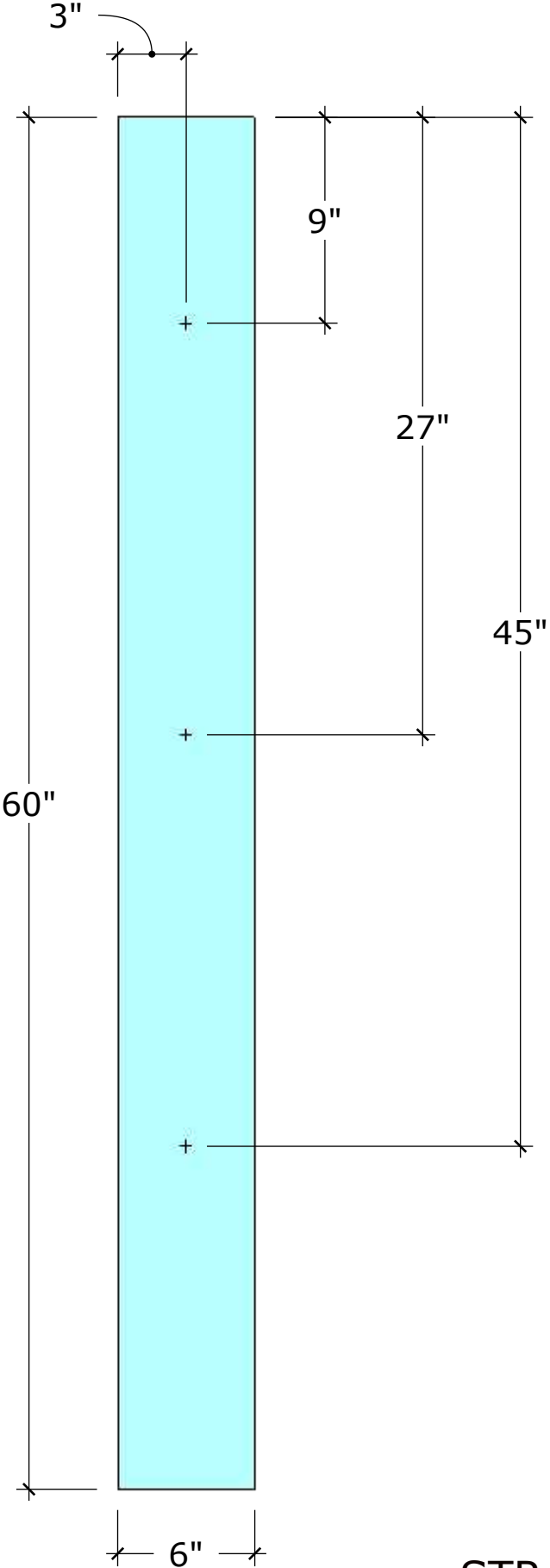
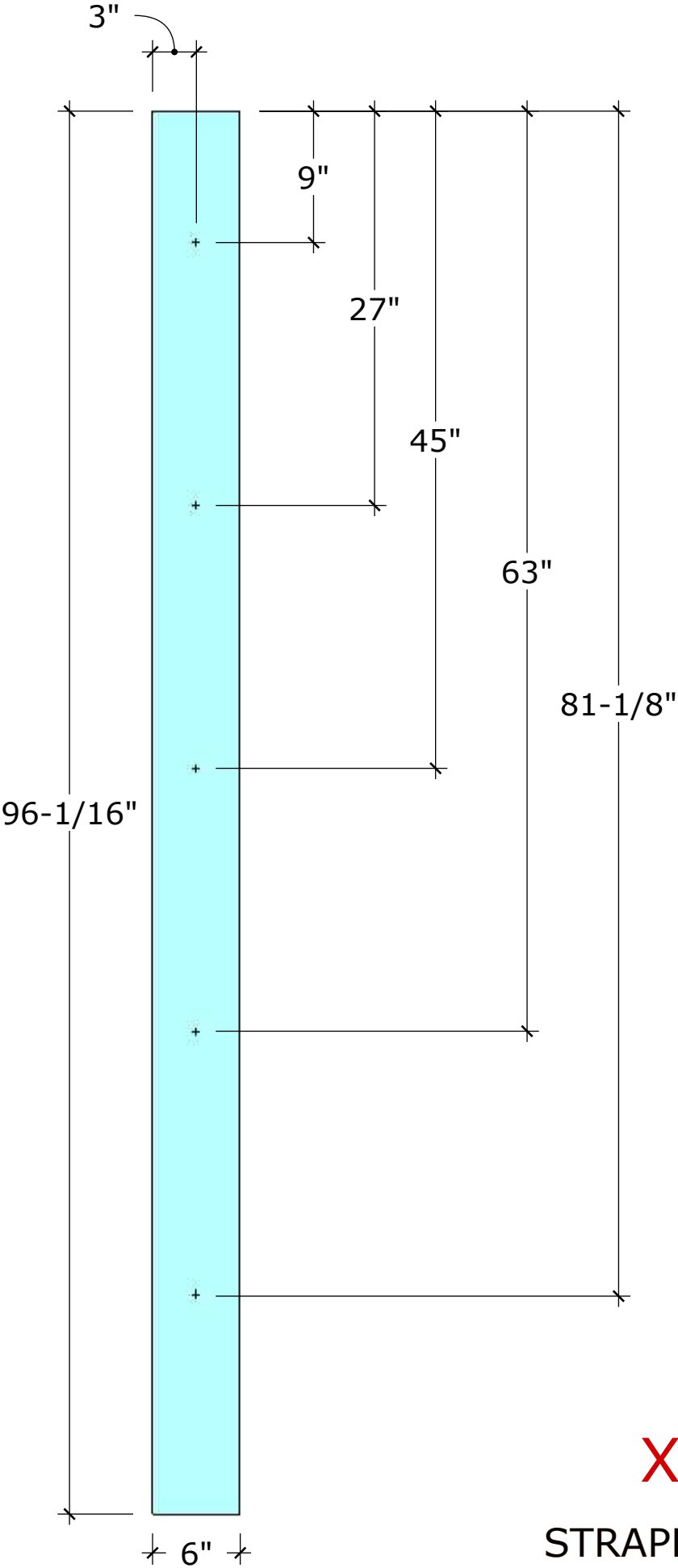


STRAPPING

1/2" X 6" HR FLAT

9/16" HOLES FOR 1/2"
WEDGE ANCHORS INTO
CONCRETE FOUNDATION
BLOCKS

HOLE SPACING ALLOWS
FOR HOLES TO BE
CENTERED IN BLOCKS



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PARKER BONNELL
GREENHOUSE FRAMING
SHOPS
5-21-2025

