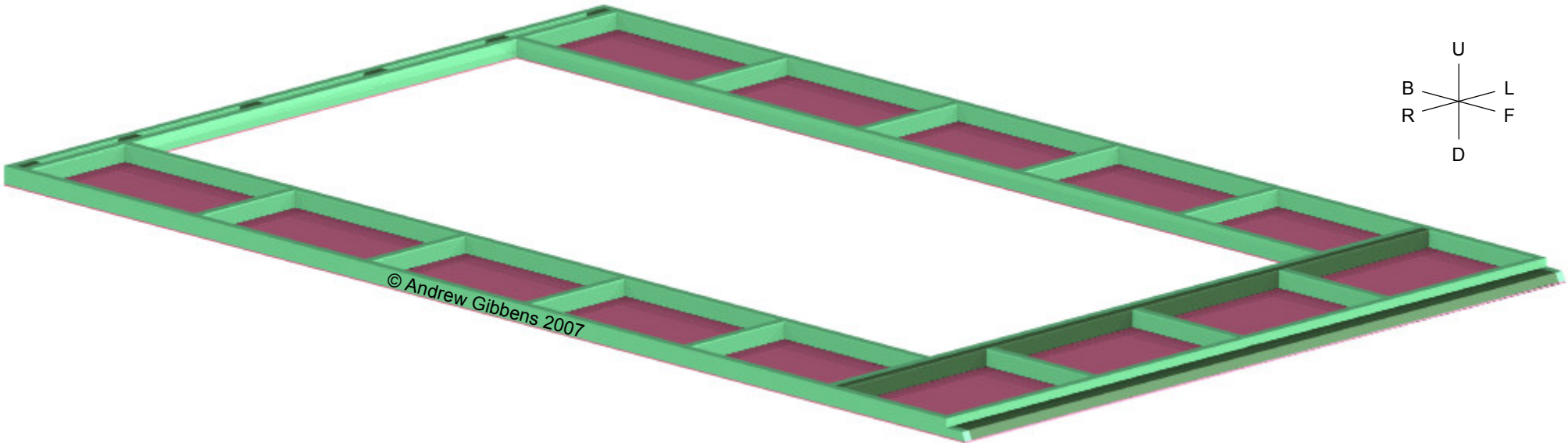
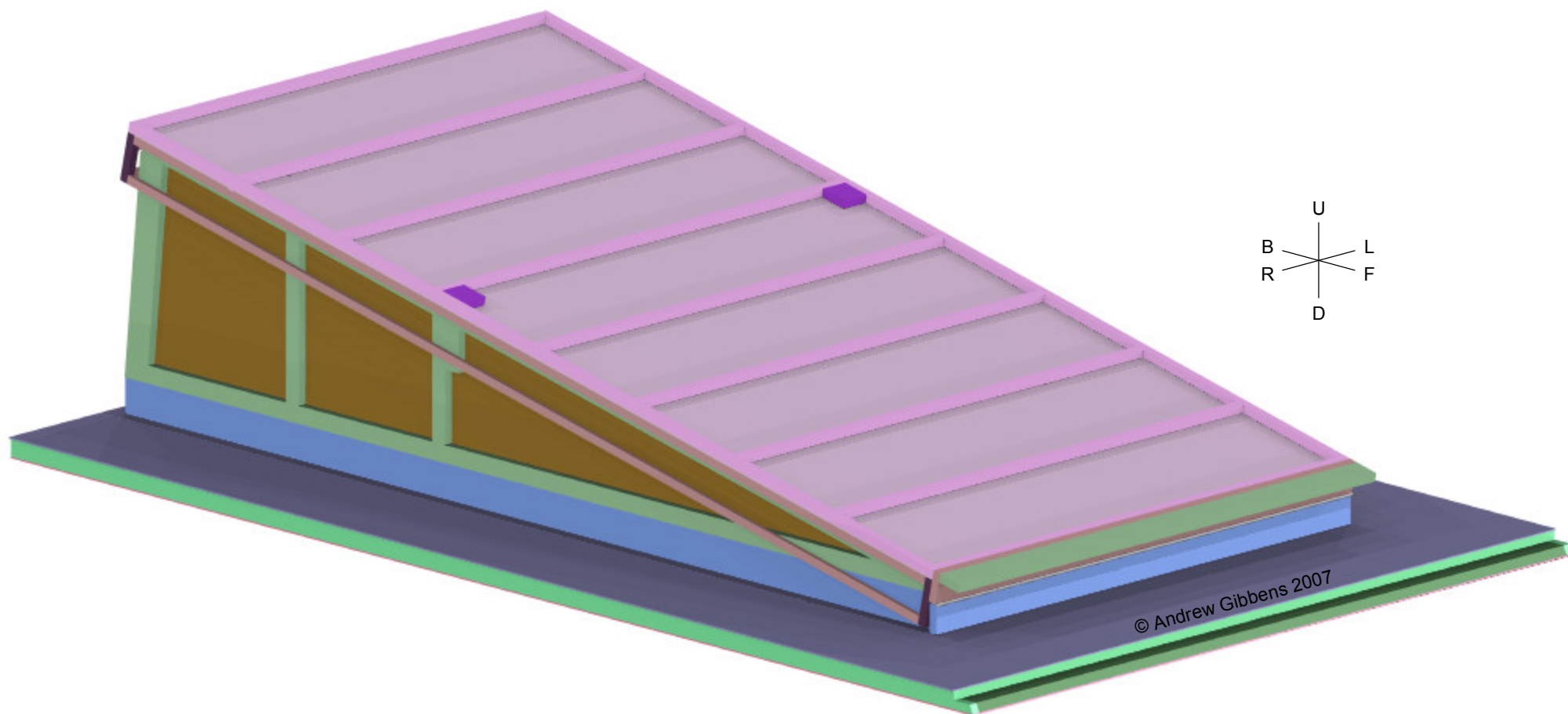


Roof with Upper Skin and Folding Roof Base added



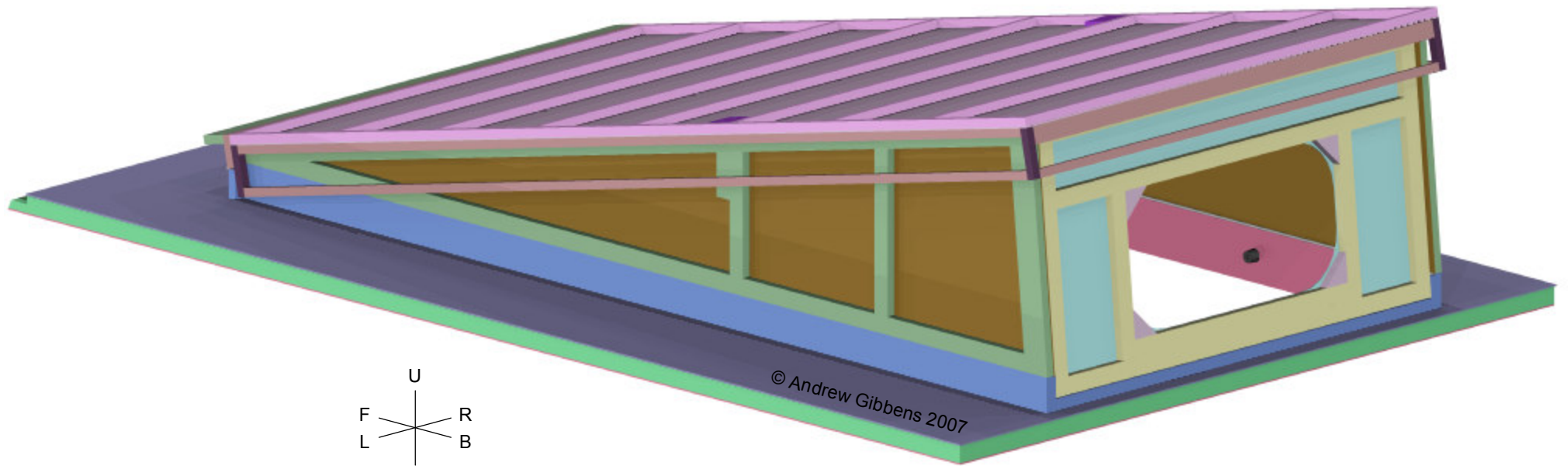
Inner Roof Framing

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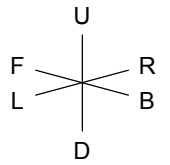
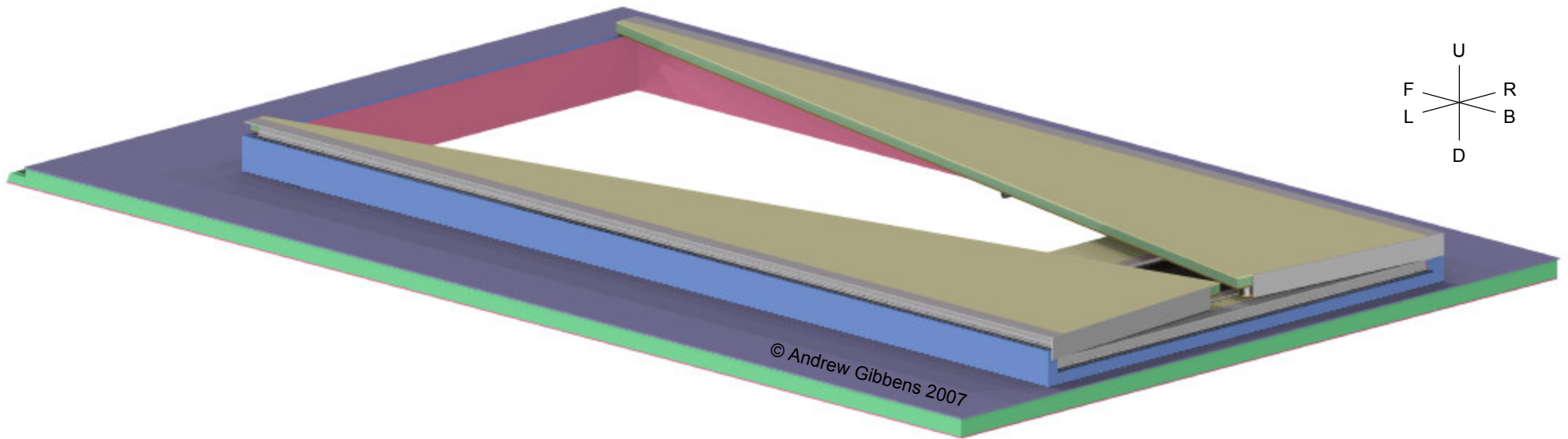
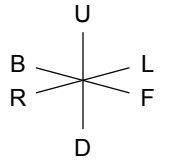
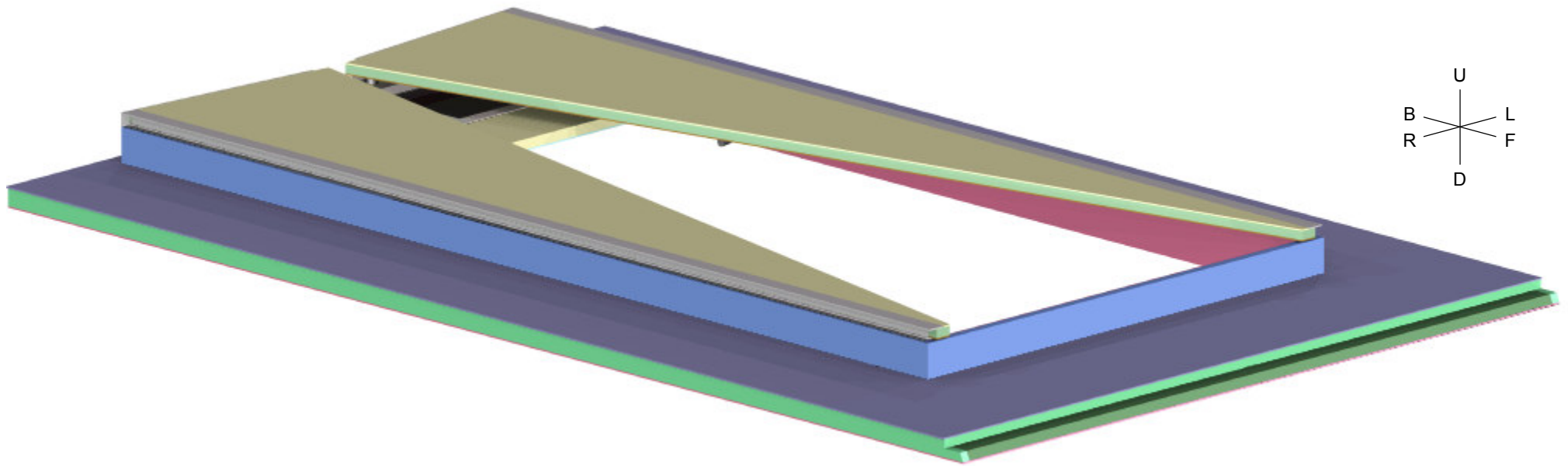
Front 3/4 View - Roof Raised
All outer skins removed to show construction

ROOF 2



Rear 3/4 View - Roof Raised
All outer skins removed to show construction

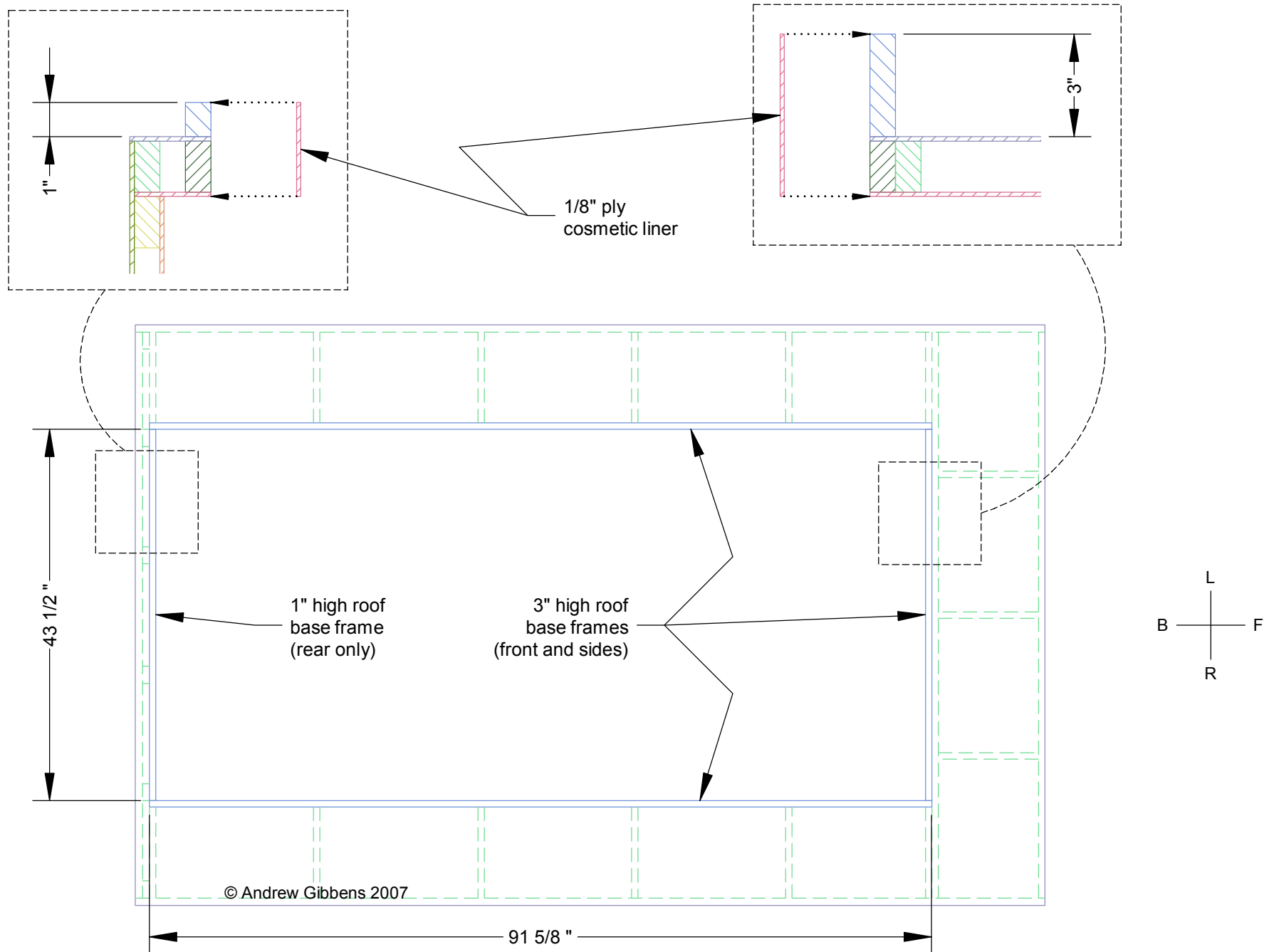
ROOF 3



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Front and Rear 3/4 Views - Roof Folded Down
Lifting top section omitted to show folding method for sides and rear

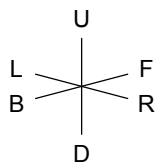
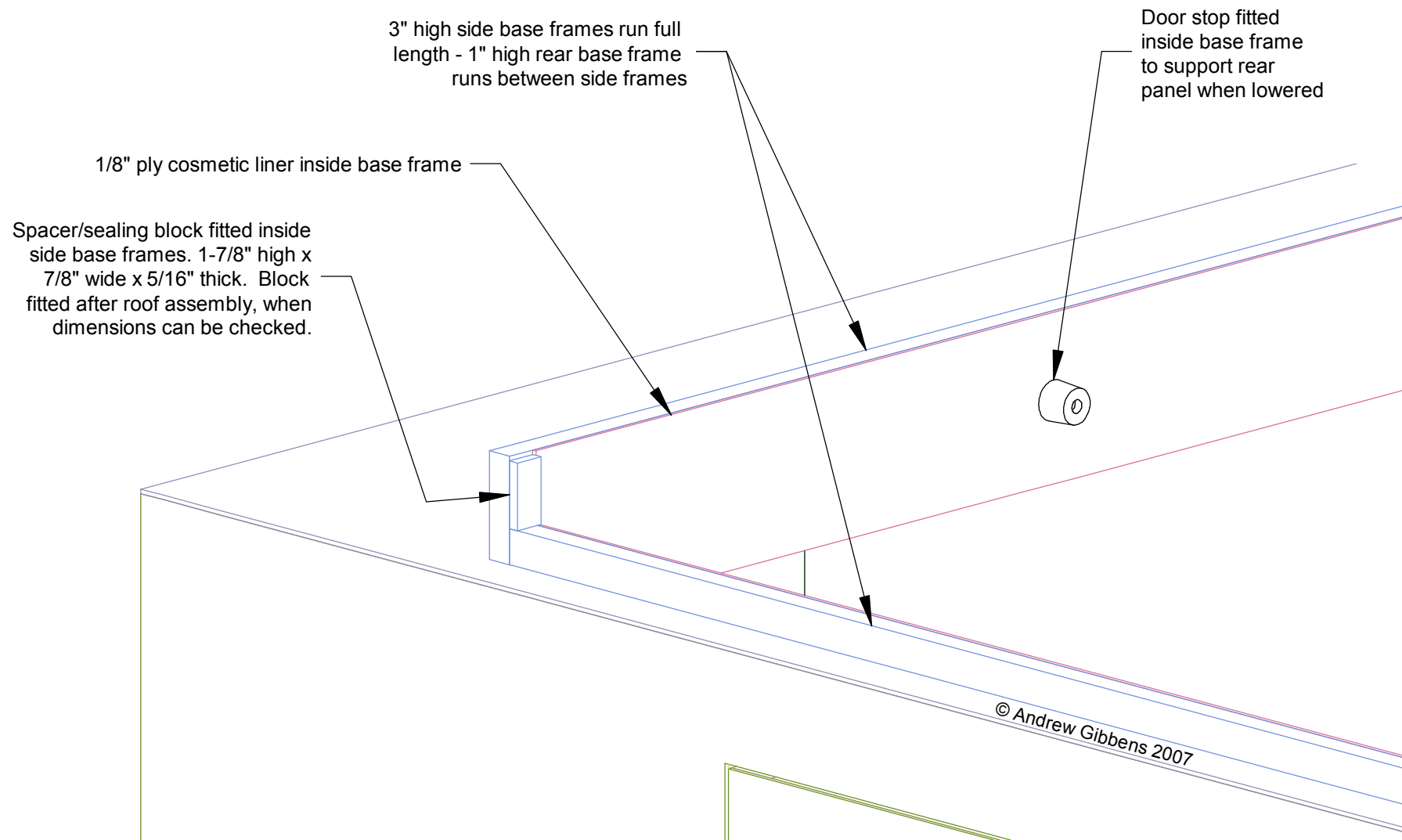
ROOF 4



NOTES:

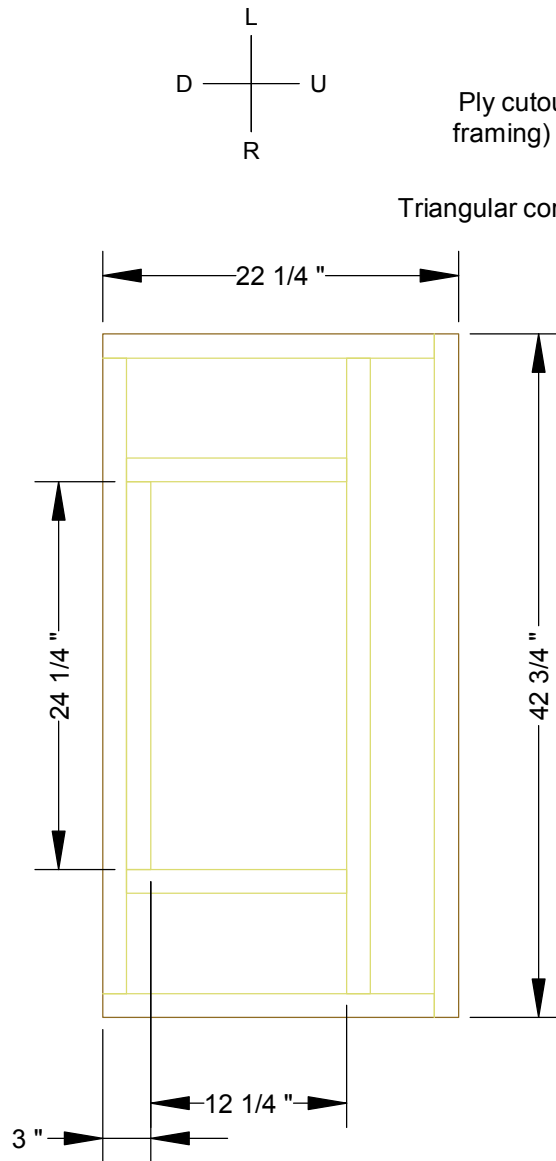
1. Roof base frames made from 1" (nominal) thick wood fastened on top of roof outer skin.

ROOF 5
1:16
(Details 1:4)

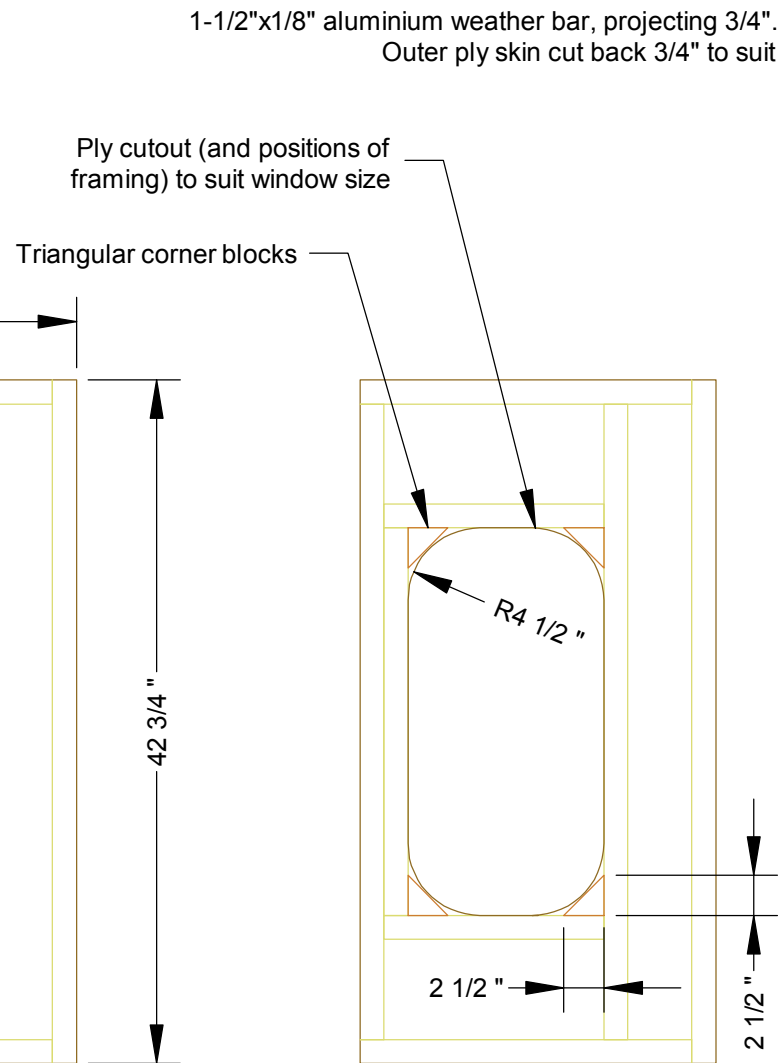


Detail of Rear Corner of Roof Base Frame
(lifting sides, top and rear omitted for clarity)

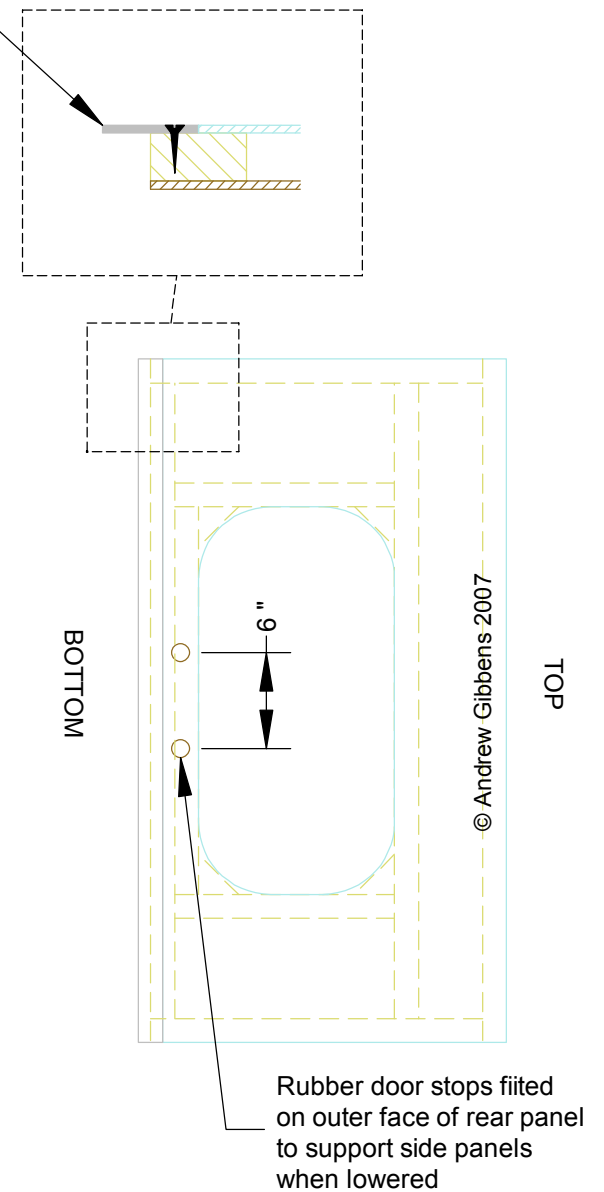
Step 1



Step 2



Step 3

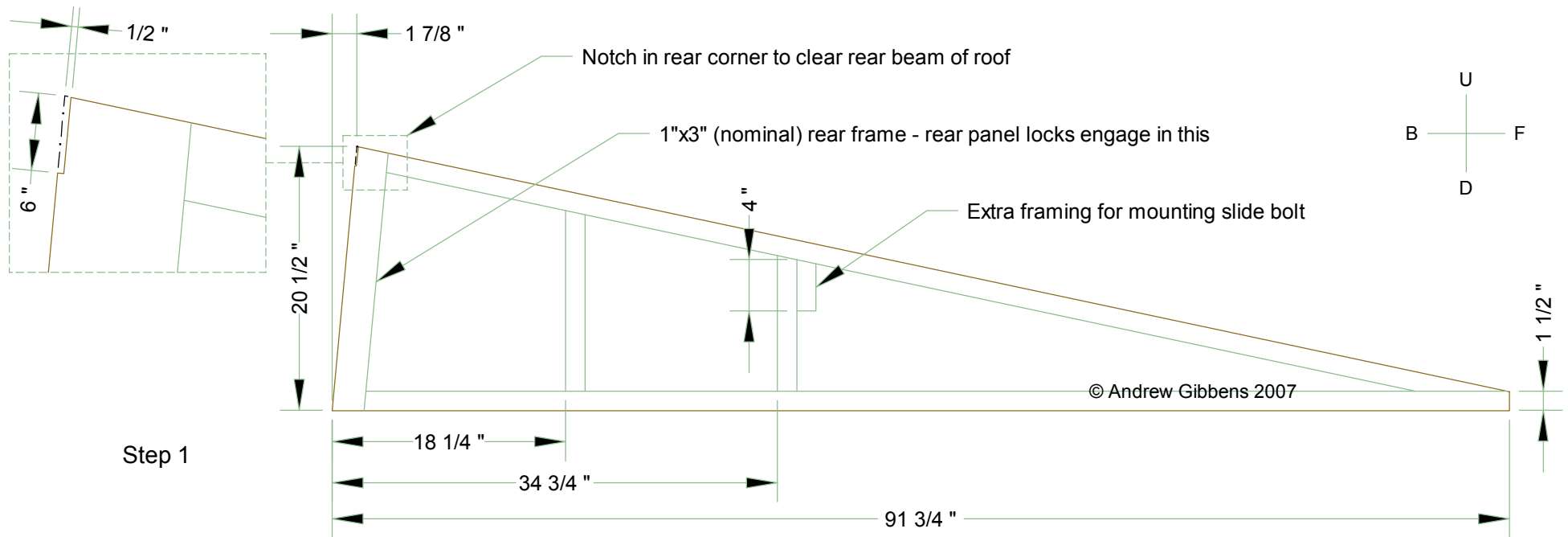
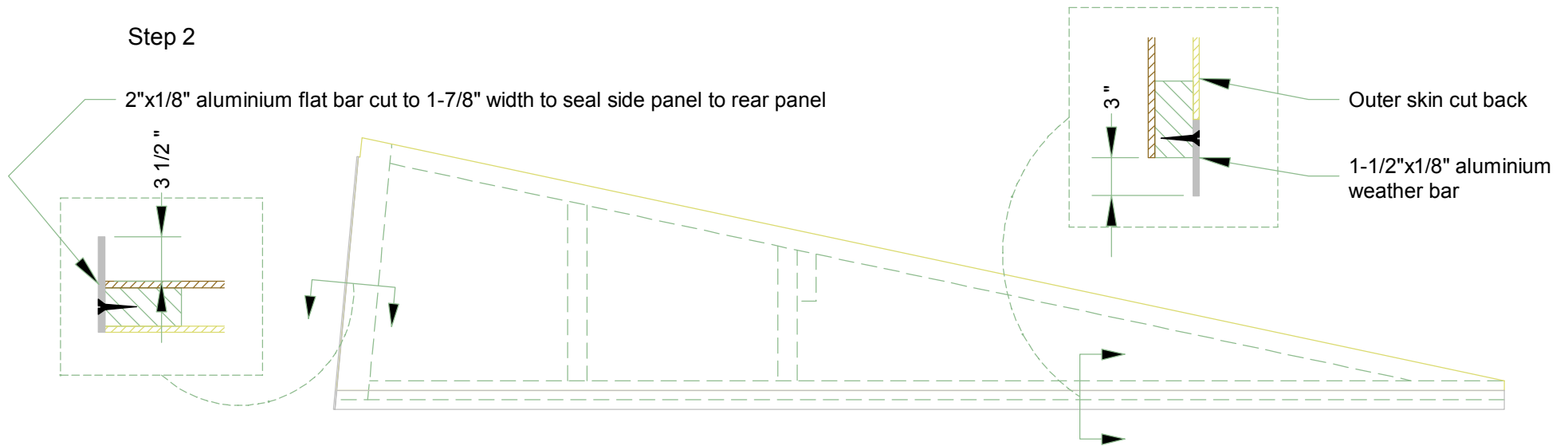


NOTES:

1. Drawn with outer/rear skin upwards
2. Inner and outer skins 1/8" ply, all framing 1"x2" (nominal)

ROOF 7
Rear Folding Panel
1:12

Step 2



Step 1

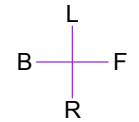
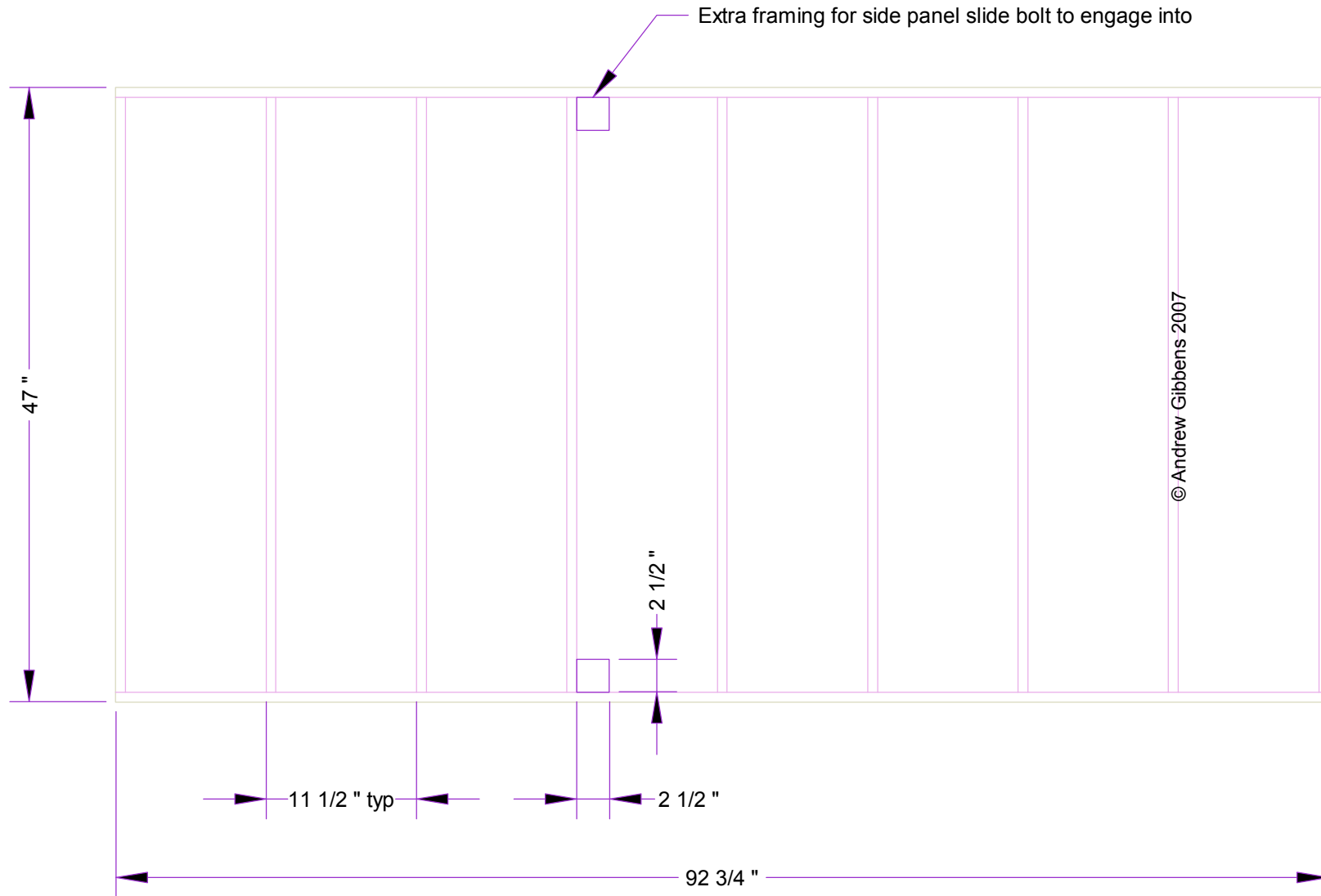
NOTES:

1. Right side panel drawn. Left side similar, but reversed.
2. Inner and outer skins 1/8" ply, all framing 1"x2" (nominal), except as shown

ROOF 8
Side Folding Panels
1:12



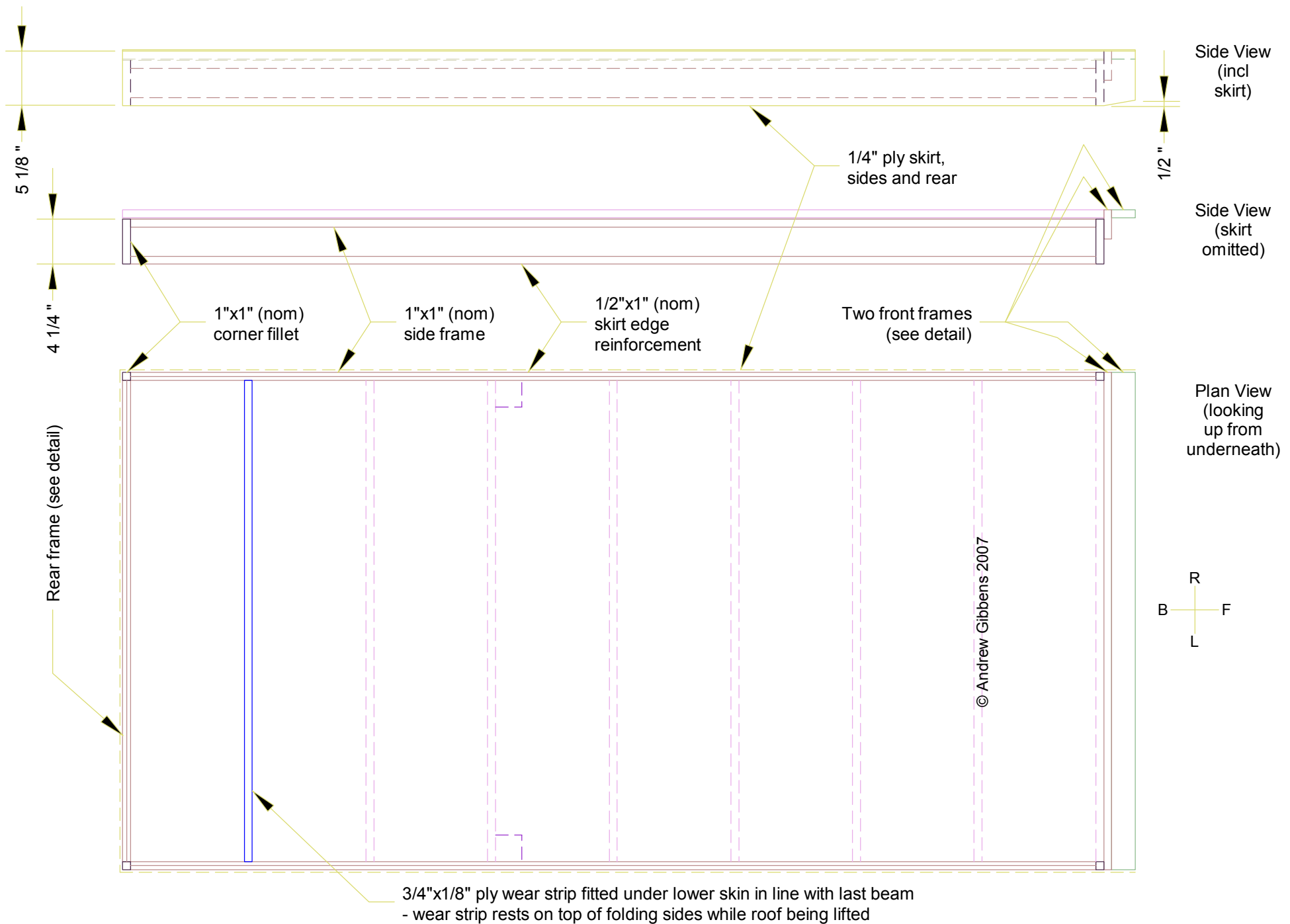
Side View



NOTES:

1. Top drawn with outer skin missing to show framing.
2. Inner and outer skins 1/8" ply, all framing 1"x1" (nominal)

ROOF 9
Top Panel 1/2
1:12

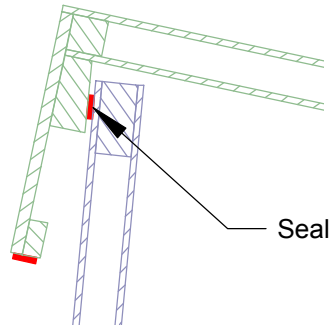
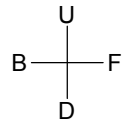


NOTES:

1. See next sheet for frame details

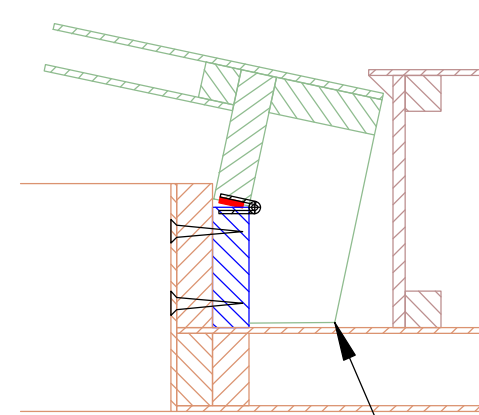
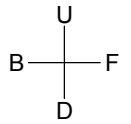
ROOF 10
Top Panel 2/2
1:12

Top Panel to Rear Panel Joint
(roof up)



Seal

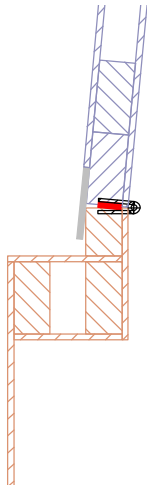
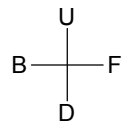
Top Panel to Roof Base Joint
(roof up)



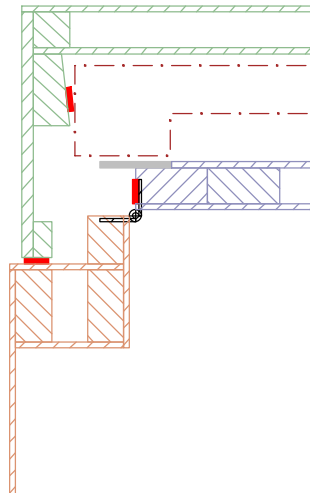
Roof fairing

Bottom of side panel
cut away for clearance

Rear Panel to Roof Base Joint
(roof up)

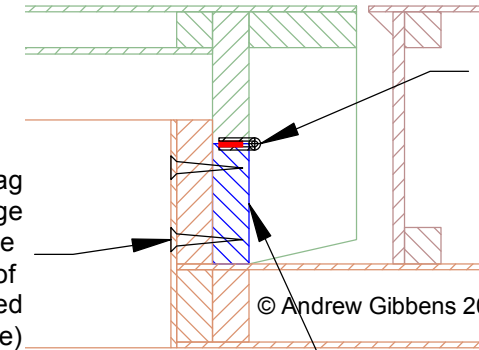
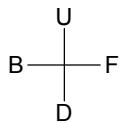


Rear Panel to Roof Base Joint
(roof down)



Outline of
lowered
side panel

Top Panel to Roof Base Joint
(roof down)



1-1/2"
continuous
hinge

Screws or lag
bolts hold hinge
seat in place
(and allow roof
to be removed
for maintenance)

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1"x3" (nom)
hinge seat

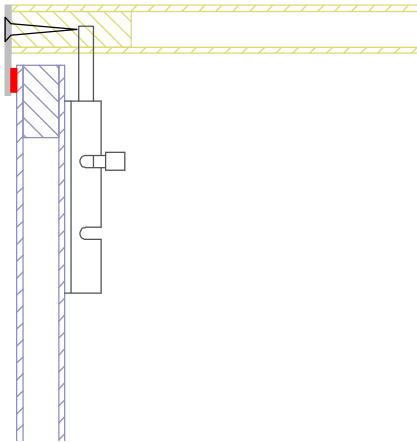
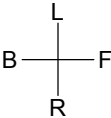
NOTES:

1. All seals are 1/2"x1/8" section (compressed).

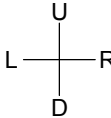
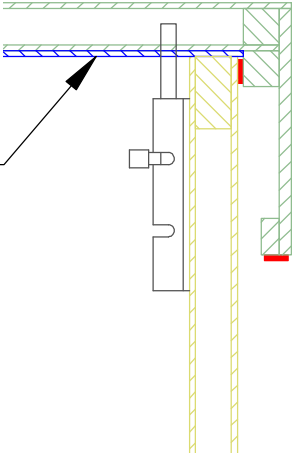
ROOF 11
Joint Details 1/2
1:4

Side Panel to Rear Panel Joint
(roof up)

Top Panel to Side Panel Joint
(roof up)

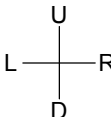
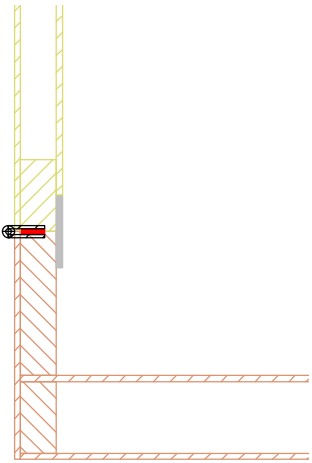
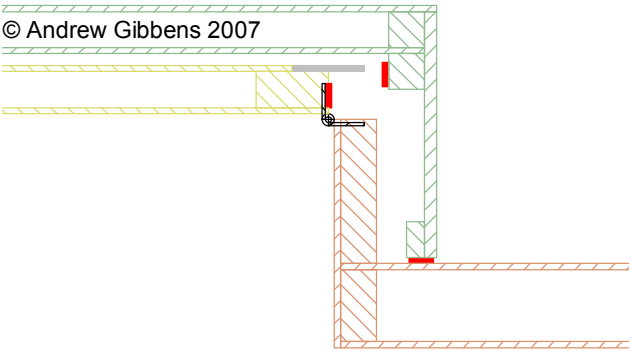
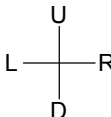


Wear strip under top panel
sits on top of side panel

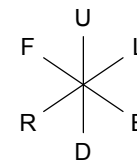


Side Panel to Roof Base Joint
(roof down)

Side Panel to Roof Base Joint
(roof up)



NOTES:
1. All seals are 1/2"x1/8" section (compressed).



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Barrel bolt on side panel
engages in top panel to
keep pressure on the seal
between the two panels

Wear strip under top panel carries
weight of top panel onto side panel

Barrel bolt on rear panel engages in side
panel to lock rear panel in raised position

