

PROJECT CRITERIA:

TOTAL INTERIOR FINISHED AREA IN SQUARE FEET:
139

USE OF STRUCTURE:
GUARD BOOTH

APPLICABLE CODES:
2009 IBC

FLOOR DESIGN:
 UNIFORM DEAD LOAD: 15 P.S.F.
 UNIFORM LIVE LOAD: 50 P.S.F.
 UNIFORM TOTAL LOAD: 65 P.S.F.
 TOTAL LOAD DEFLECTION: L/240
 LIVE LOAD DEFLECTION: L/360

ROOF DESIGN:
 UNIFORM DEAD LOAD: 9 P.S.F.
 UNIFORM LIVE LOAD: 30 P.S.F.
 UNIFORM TOTAL LOAD: 39 P.S.F.
 TOTAL LOAD DEFLECTION: L/240
 LIVE LOAD DEFLECTION: L/360

IMPORTANCE FACTOR = 1.0
 BASIC WIND SPEED = 130 MPH, 3-SECOND GUST
 WIND EXPOSURE: SURFACE ROUGHNESS CATEGORY C
 GROUND SNOW LOAD = 25 PSF
 SNOW EXPOSURE: TERRAIN CATEGORY C
 SIESMIC RESPONSE COEFFICIENT (Cs): 0.24G

MANUFACTURER:

PANEL-BUILT
 302 BEASLEY ST.
 BLAIRSVILLE, GA 30512
 PHONE: 800-636-3873
 FAX: 706-745-1450

SITE INSTALLED ITEMS:
 BUILDING LOCATION, GEOMETRY, HEIGHT AND
 PLACEMENT ARE DICTATED BY THE CUSTOMER AND
 ARE NOT INCLUDED IN PANEL-BUILT SCOPE OF WORK.

FOUNDATION IS BY OTHERS AND SHALL BE
 DESIGNED BY A LOCAL DESIGN PROFESSIONAL.

ACCESSIBILITY: RAMPS, STEPS, AND OTHER MEANS
 OF INGRESS/EGRESS TO MEET ACCESSIBILITY
 REQUIREMENTS AS ENFORCED BY THE LOCAL
 AUTHORITY HAVING JURISDICTION IS BY OTHERS.

SHEET #: DRAWING TITLE:
 N-1 COVER SHEET
 N-2 PROJECT SPECIFICATIONS
 S-1 4'X6' SHELTER FLOORPLAN

SHELTER NOTES:

- OVERALL HEIGHT IS **8'-3"** (NOMINAL).
- APPLICATION : EXTERIOR SHELTER
- COLORS:

EXTERIOR AND INTERIOR WALLS: SW 4012 - CIRRUS WHITE (7 MILS THICK)
 ROOF EXTERIOR: WHITE
 WINDOW TINT: GRAY 30%

LEGEND	
	TELE/DATA PREP
	SWITCH
	DUPLEX RECEPTACLE
	WINDOW
	DOOR
	EXTENDED COLUMN
	COLUMN
	I BEAM (STRUCTURAL)
	COLD ROLLED MEMBER
	1-1/2"x1-1/2"X11 GA RAILING
	K-SERIES BAR JOIST

JOB NUMBER: 9256	DRAWN BY: RS	CHECKED BY: SG	DATE: 5-22-2017
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DEALER:	CUSTOMER:
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PANEL BUILT

INCORPORATED

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BLAIRSVILLE, GA 30512
CONTACT US AT 800-636-3873 OR WWW.PANELBUILT.COM

DRAWING APPROVAL			
QUOTED LEAD-TIME DOES NOT BEGIN UNTIL SIGNED APPROVALS HAVE BEEN RECEIVED			
APPROVED (NO CHANGES) WITH <u>COLORS CHOSEN</u>	<input type="checkbox"/>		
REVISE & RESUBMIT	<input type="checkbox"/>		
SIGN: _____	1	RS	LOWERED WIREWAYS
DATE: _____	REV #	DR. BY#	DESCRIPTION OF REV
			DATE
			6-7-2017

TOLERANCES:
 LENGTH ± 1/8", > 10'-0" ± 1/4"
 HOLES ± 1/16"
 PAGE: N-1

PRODUCT SPECIFICATIONS:

5' X 10' PRE-ASSEMBLED PASSENGER SHELTER – ONE OPENING – 7-3/4" AIR SPACE ON BOTTOM

Part #SH510LH – Left Hand Opening

WALLS

STEEL WALLS

The walls shall be 3" thick; Framing shall be 14 gauge (1.78 mm) or heavier mechanical tube. All joints shall be MIG welded. Removeable Lifting lugs shall be provided

FINISH

The walls shall be painted using a prime to paint system manufacturer's epoxy primer with a urethane finish. Color shall be Cirrus White SW4012. The exterior and the interior shall be the same color.

1/4-12 PITCH PANELIZED ROOF W/ 4" OVERHANG

POLYSTYRENE ROOF -3", 3-PLY:

The roof shall be 3" thick composite sandwich panels. Both sides shall be stucco-embossed aluminum pre-painted white. The core shall be of 1 lb. density polystyrene foam. The entire panel shall be laminated together using a solvent free two-part polyurethane adhesive and pressure. The panels shall have formed edge connectors that are capable of being friction locked without mechanical fasteners using a full-length joint without through metal connectors. The joint shall allow lateral expansion and contraction.

WINDOWS

FIXED WINDOWS: 9 EACH UPPER PANEL

Fixed windows shall be glazed 1/4" 30% gray tinted tempered glass. The entire window frame shall be steel/aluminum with no exterior exposed fasteners.

LEGEND	
	TELE/DATA PREP
	SWITCH
	DUPLX RECEPTACLE
	WINDOW
	DOOR
	EXTENDED COLUMN
	COLUMN
	I BEAM (STRUCTURAL)
	COLD ROLLED MEMBER
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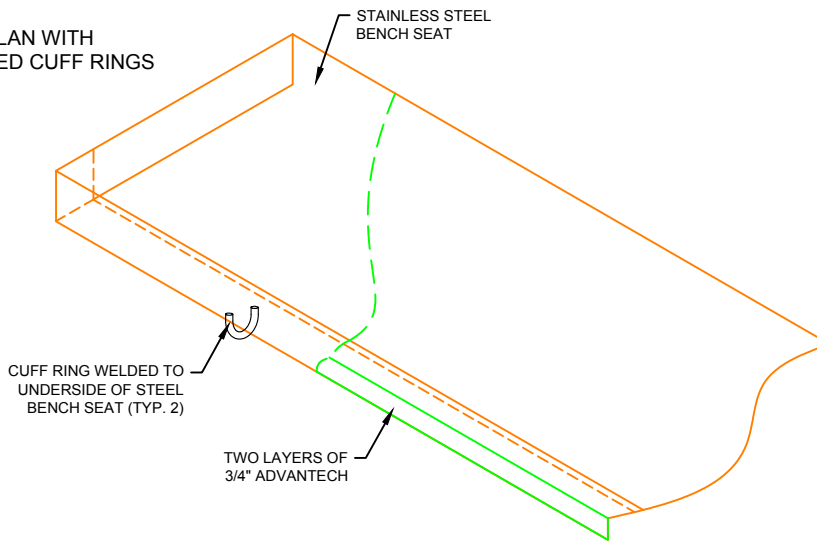
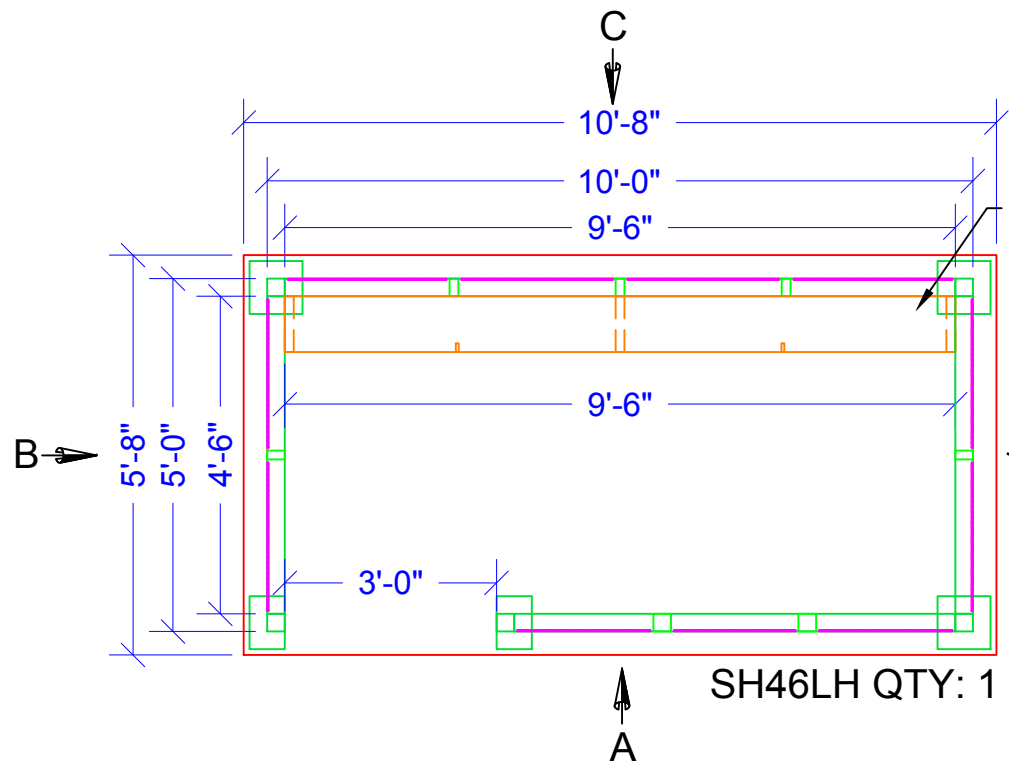
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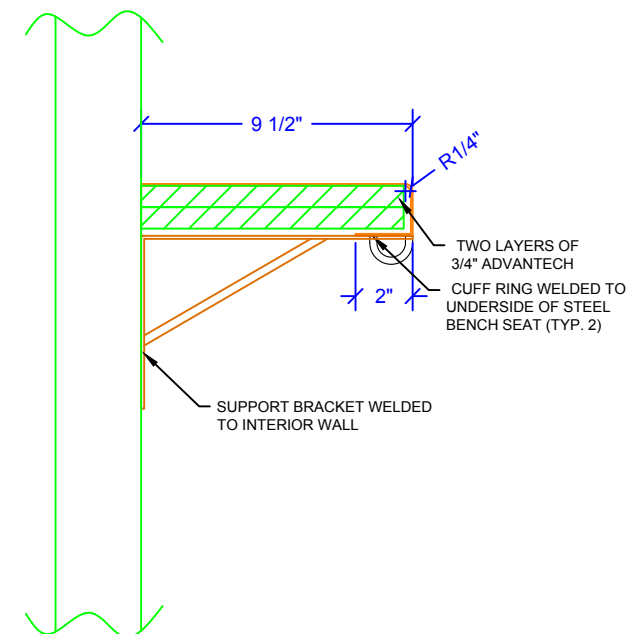
302 BEASLEY STREET
BLAIRSVILLE, GA 30512
CONTACT US AT 800-668-3304 www.panelbuilt.com

TOLERANCES:
LENGTH ± 1/8", > 10'-0" ± 1/4"
HOLES ± 1/16"

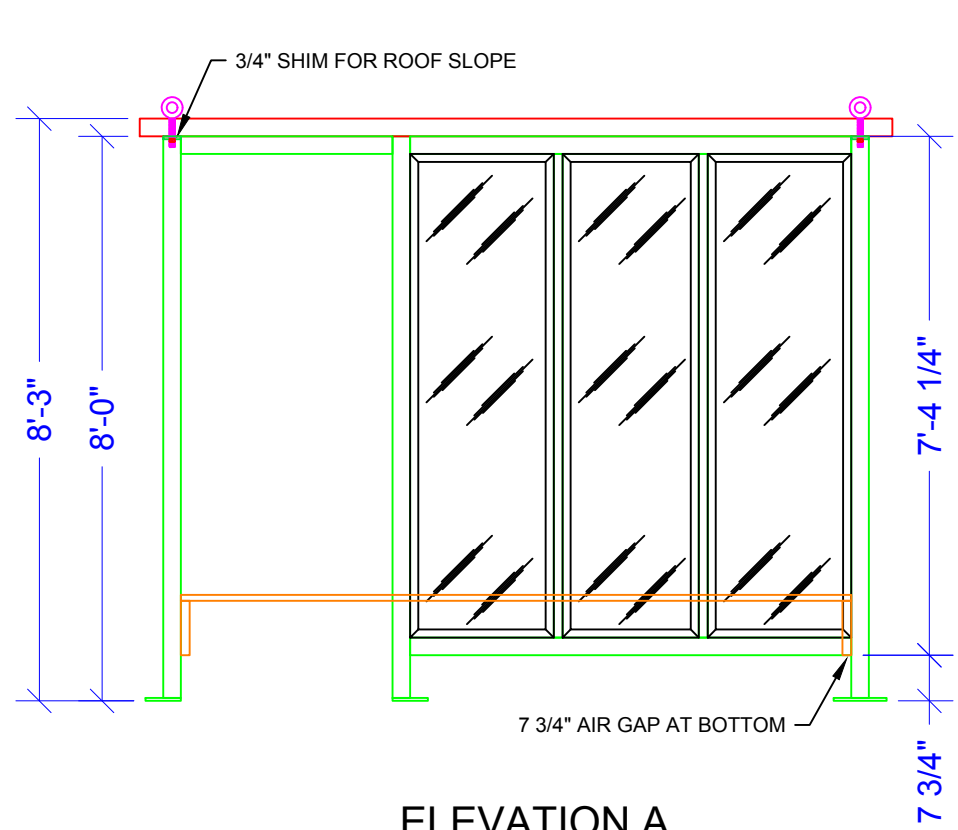
PAGE: N-2



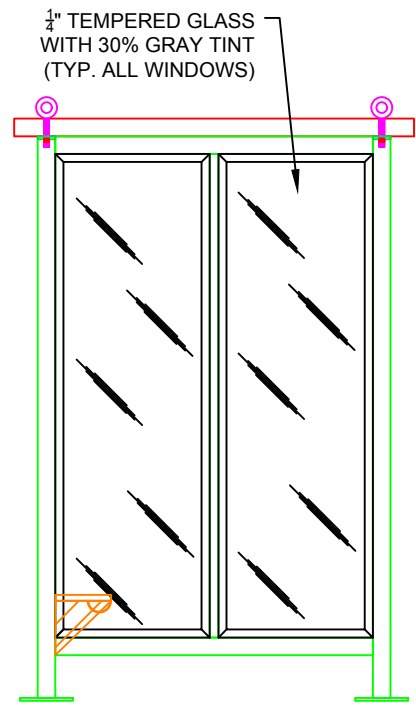
BENCH SEAT



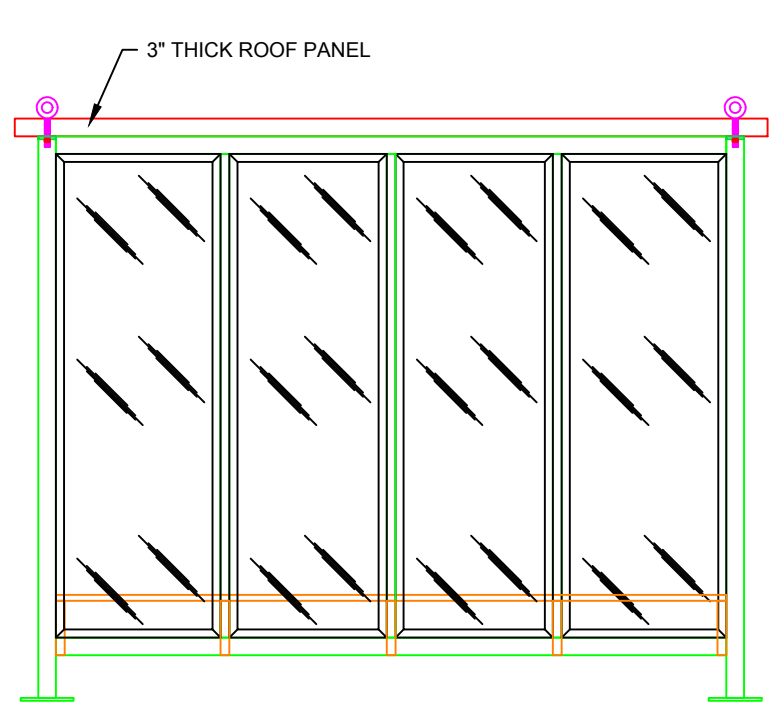
BENCH SEAT PROFILE



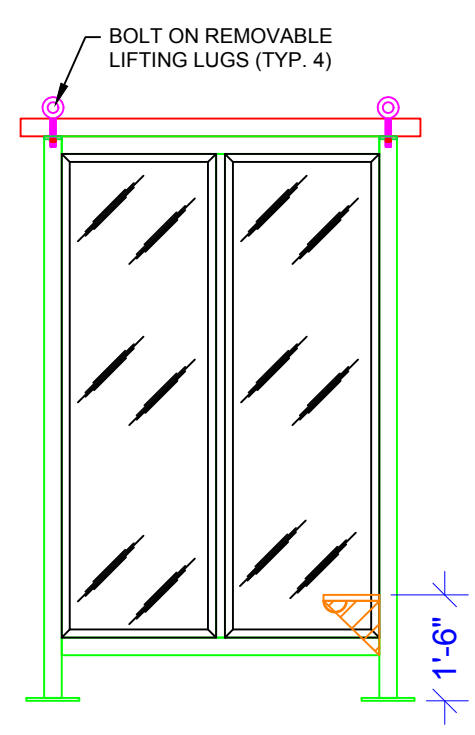
ELEVATION A



ELEVATION B



ELEVATION C



ELEVATION D

LEGEND	
	TELE/DATA PREP
	SWITCH
	DUPLEX RECEPTACLE
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