

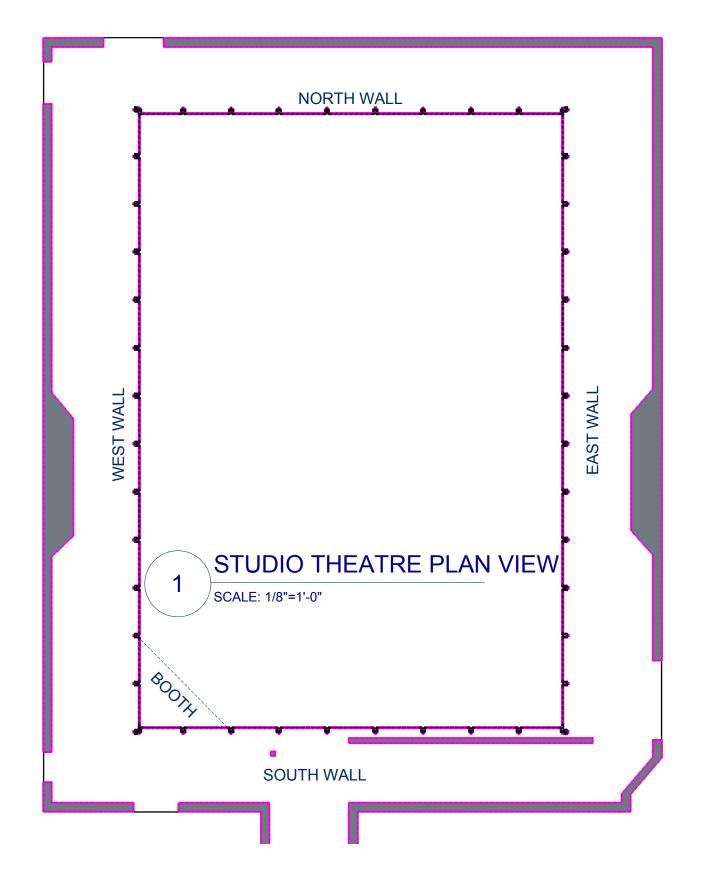
- 4. PANELS A AND A-S
- 5. PANELS B AND B-S
- 6. PANELS D AND D-S
- 7. PANELS E AND E-S
- 8. PANEL DETAILS
- 9. STANDARD BRACKET SUPPORTS
- 10. D AND E BRACKET SUPPORTS
- 11. GENERAL NOTES AND CONSTRUCTION SUGGESTIONS
- 12. MATERIALS AND INVENTORIES

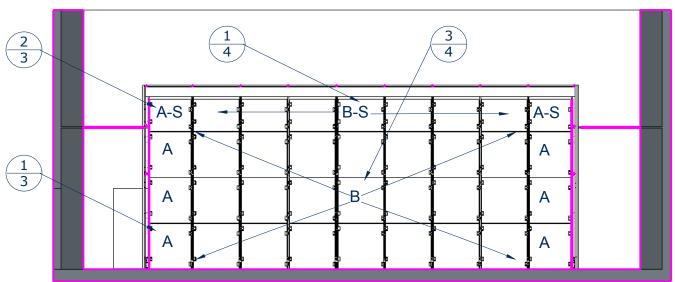
Modular Panel Concept

Scale: None

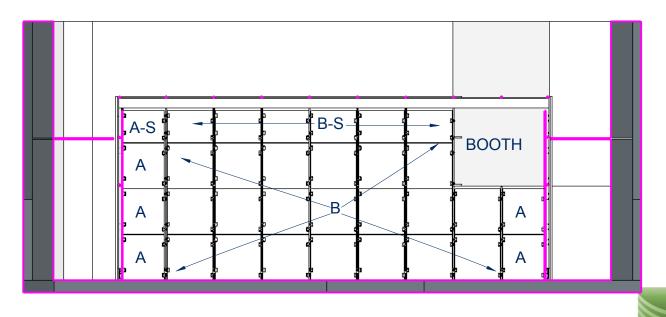






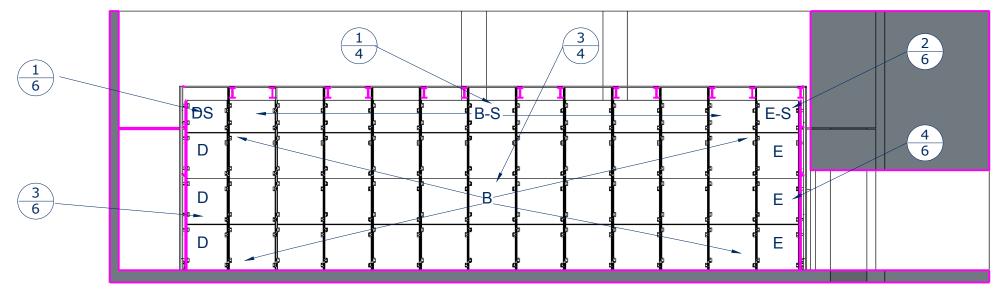


STUDIO THEATRE NORTH VIEW SCALE: 1/8"=1'-0"

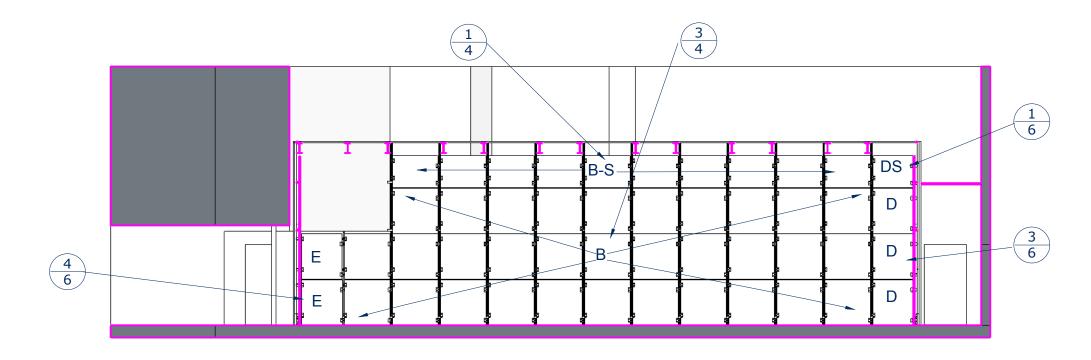


STUDIO THEATRE SOUTH VIEW 3 SCALE: 1/8"=1'-0"



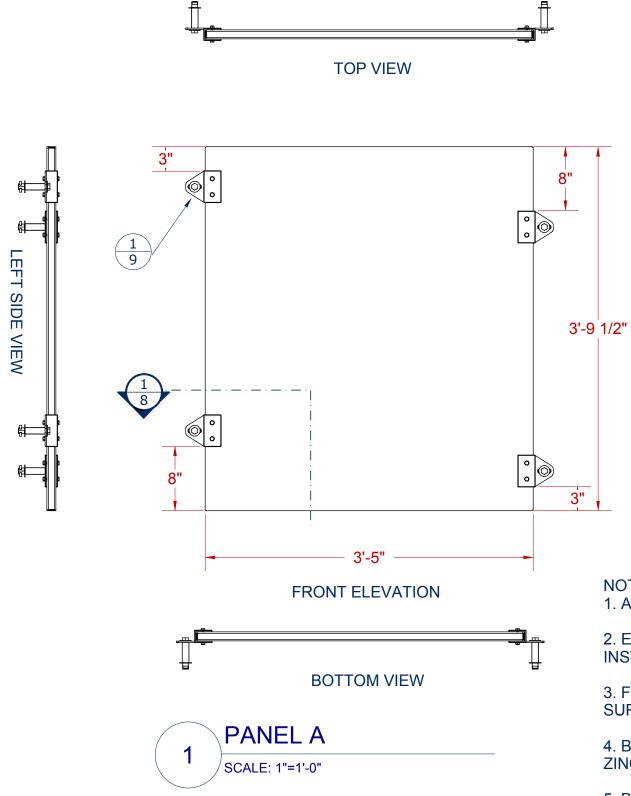


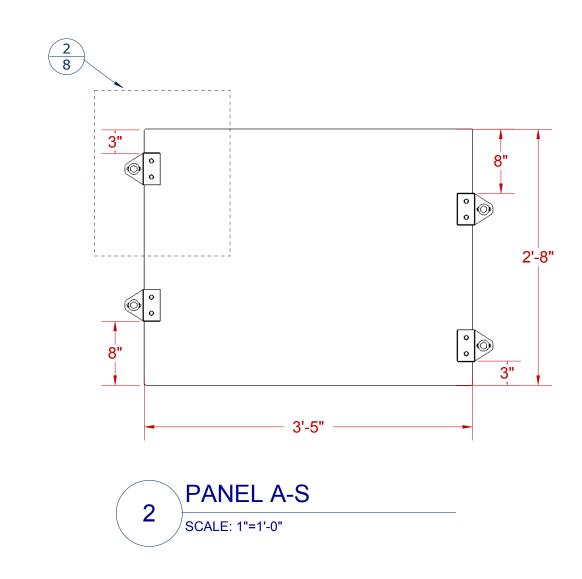
STUDIO THEATRE EAST VIEW SCALE: 1/8"=1'-0"



STUDIO THEATRE WEST VIEW SCALE: 1/8"=1'-0"







NOTES:

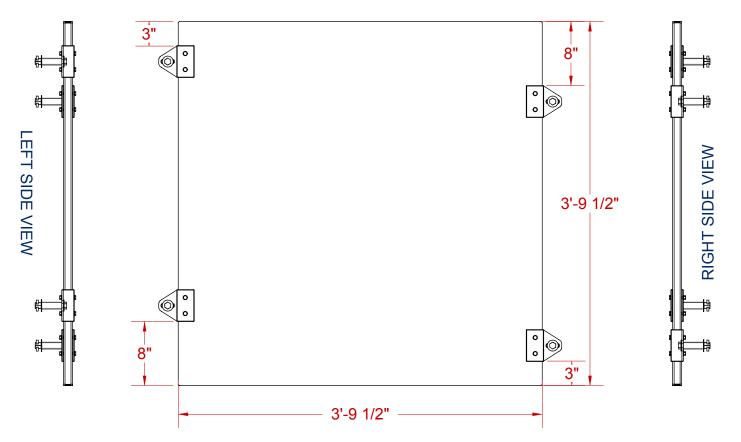
RIGHT SIDE VIEW

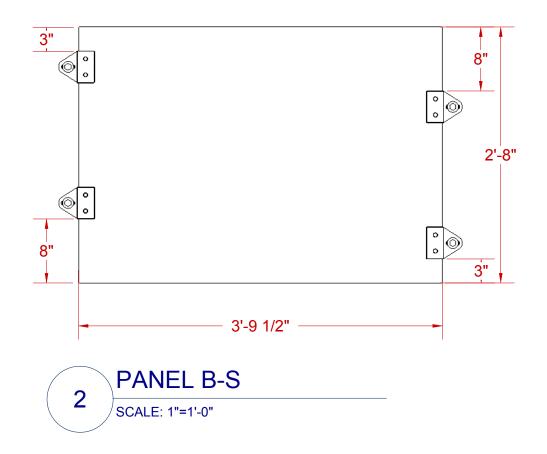
- 1. ALL OUTER EDGES OF PANELS SHOULD BE ROUNDED OVER AT LEAST 1/8"
- 2. EACH PANEL HAS 4 BRACKETS AT CONSISTENT POSITIONING FOR MODULAR INSTALLATION
- 3. FRONT FACE OF EACH PANEL IS BLACK SINTRA, THE BACK DARK GREY SINTRA, AND SURROUNDING 4 SIDES ARE BUILT WITH BLACK SINTRA
- 4. BRACKETS ARE STEEL, PAINTED WITH A LOW LUSTER BLACK SUPER SPEC PAINT, WITH ZINC PLATED FASTENERS
- 5. BUILD 12 "A" PANELS AND 4 "A-S" PANELS











FRONT ELEVATION

BOTTOM VIEW

NOTES:

1. ALL OUTER EDGES OF PANELS SHOULD BE ROUNDED OVER AT LEAST 1/8"



- 3. FRONT FACE OF EACH PANEL IS BLACK SINTRA, THE BACK DARK GREY SINTRA, AND SURROUNDING 4 SIDES ARE BUILT WITH BLACK SINTRA
- 4. BRACKETS ARE STEEL, PAINTED WITH A LOW LUSTER BLACK SUPER SPEC PAINT, WITH ZINC PLATED FASTENERS
- 5. BUILD 110 "B" PANELS AND 36 "B-S" PANELS

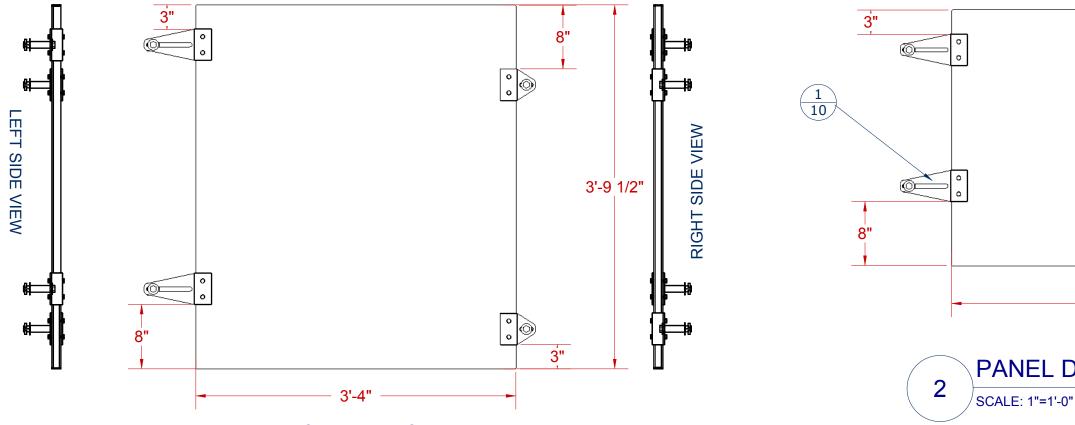


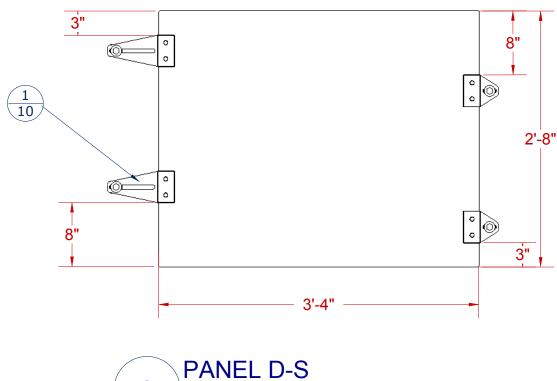


STUDIO THEATRE RENOVATION MODULAR PANEL CONCEPT

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DATE: 11/6/2013 PAGE: 6 of 12

FRONT ELEVATION

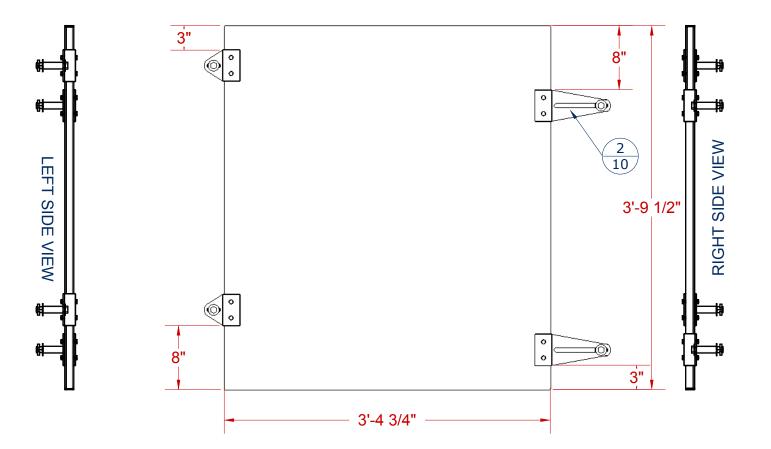


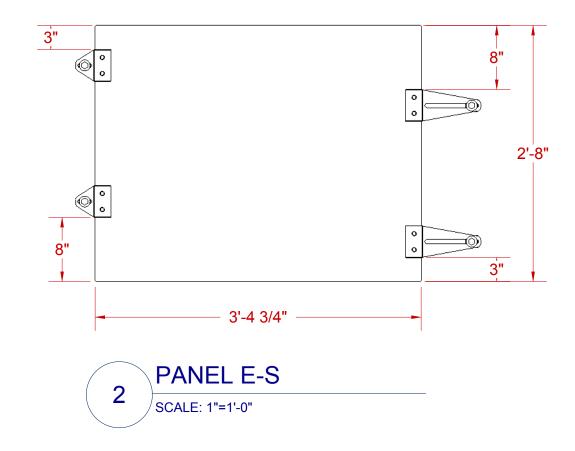
NOTES:

- 1. ALL OUTER EDGES OF PANELS SHOULD BE ROUNDED OVER AT LEAST 1/8"
- 2. EACH PANEL HAS 4 BRACKETS AT CONSISTENT POSITIONING FOR MODULAR **INSTALLATION**
- 3. FRONT FACE OF EACH PANEL IS BLACK SINTRA, THE BACK DARK GREY SINTRA, AND SURROUNDING 4 SIDES ARE BUILT WITH BLACK SINTRA
- 4. BRACKETS ARE STEEL, PAINTED WITH A LOW LUSTER BLACK SUPER SPEC PAINT, WITH ZINC PLATED FASTENERS
- 5. BUILD 6 "D" PANELS AND 2 "D-S" PANELS









FRONT ELEVATION

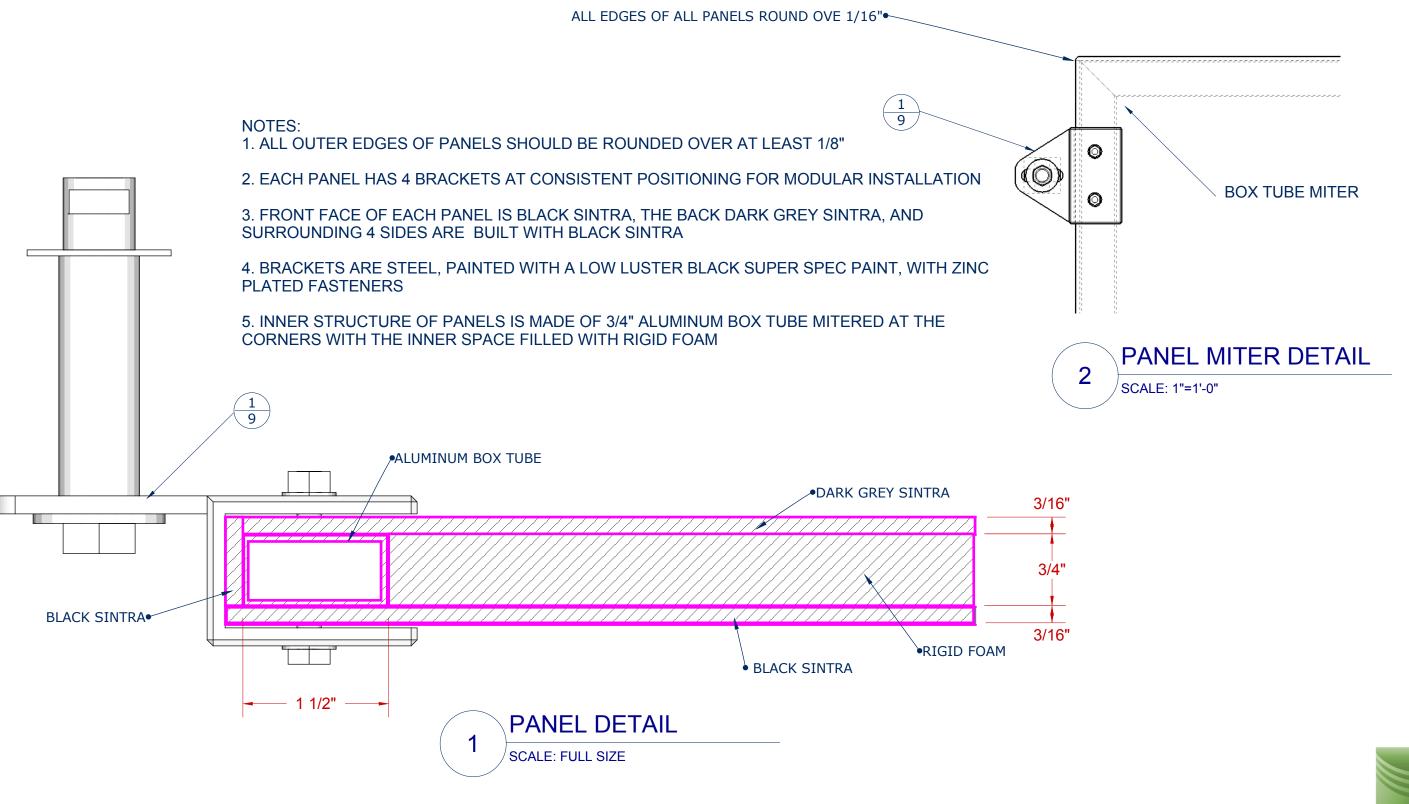




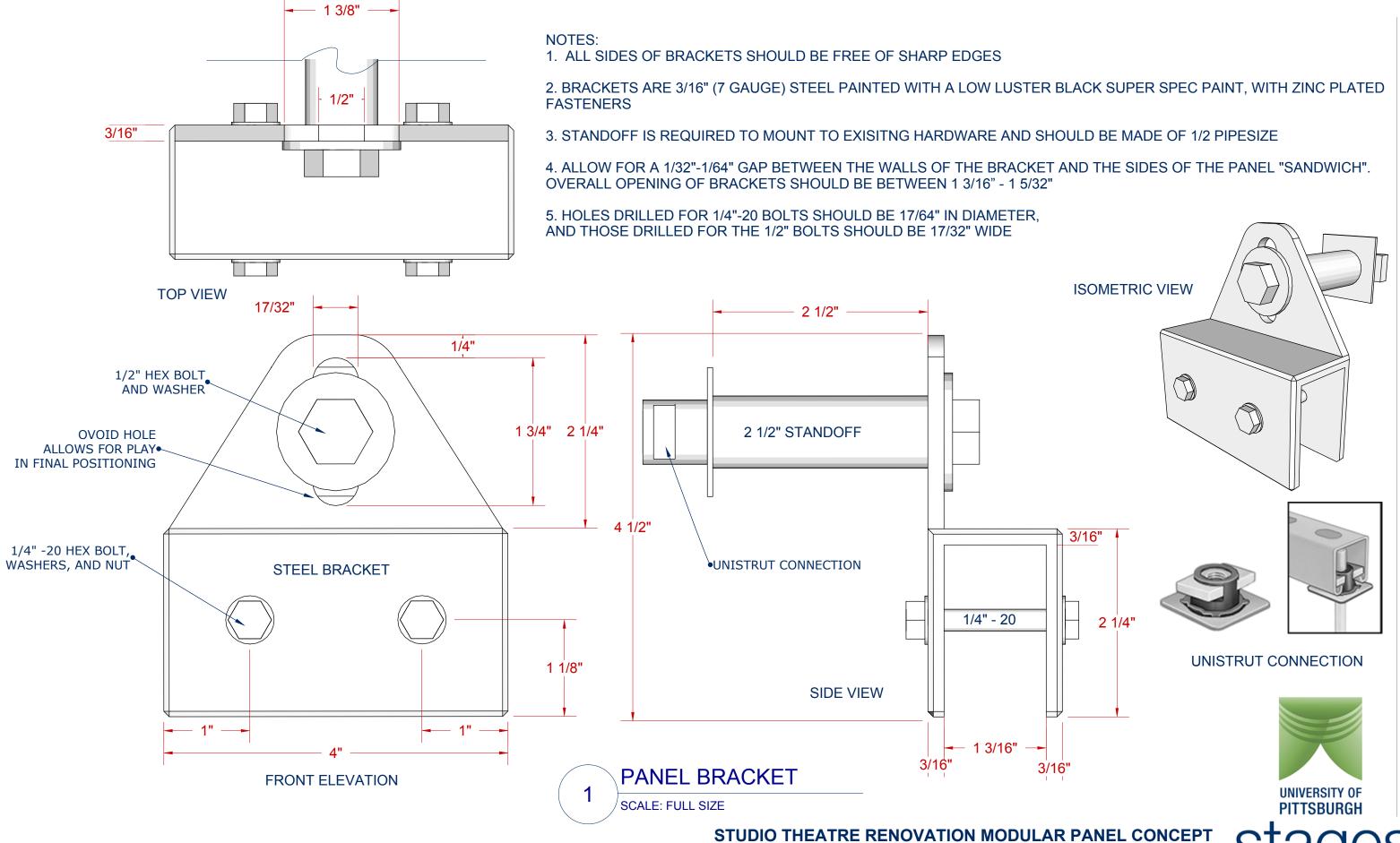
NOTES:

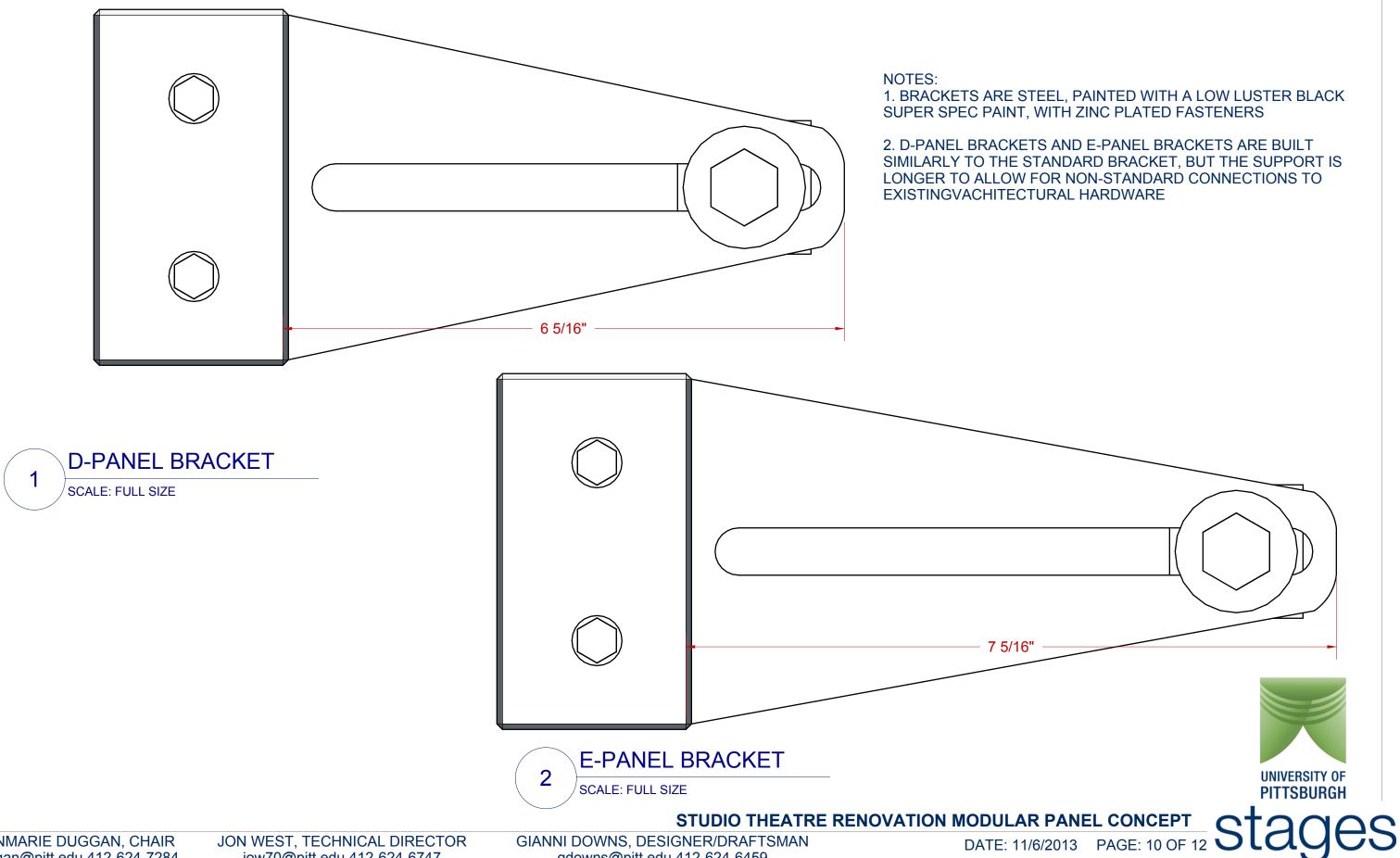
- 1. ALL OUTER EDGES OF PANELS SHOULD BE ROUNDED OVER AT LEAST 1/8"
- 2. EACH PANEL HAS 4 BRACKETS AT CONSISTENT POSITIONING FOR MODULAR INSTALLATION
- 3. FRONT FACE OF EACH PANEL IS BLACK SINTRA, THE BACK DARK GREY SINTRA, AND SURROUNDING 4 SIDES ARE BUILT WITH BLACK SINTRA
- 4. BRACKETS ARE STEEL, PAINTED WITH A LOW LUSTER BLACK SUPER SPEC PAINT, WITH ZINC PLATED FASTENERS
- 5. BUILD 6 "E" PANELS AND 2 "E-S" PANELS













GENERAL NOTES

- PANELS ARE TO HAVE 90° OUTSIDE CORNERS AND LAY FLAT WITHOUT WARPING.
- · ENSURE ALL EDGES/SIDES ARE SMOOTH, AND FREE OF BURRS.
- ENSURE PROPER FIT/ALIGNMENT OF ALL BRACKETS POST-ASSEMBLY.
- BRACKET OPENING SHOULD BE ABLE TO FIT OVER PANEL CLEANLY WITHOUT EXCESSIVE "PLAY". APPROXIMATELY 1/64 1/32" GAP ON EITHER SIDE OF PANEL.
- ENTIRE PANEL, ASSEMBLED WITH BRACKETS, SHOULD WEIGH LESS THAN 50 LBS.
- ENSURE BRACKETS ARE UNIVERSALLY SIZED AND DRILLED SO THAT ALL ARE INTERCHANGEABLE IN ANY ORIENTATION.
- LABEL ALL PANELS WITH THEIR PANEL LABEL (I.E.: A, B, D, E) USING A ½" STAMP. LABELS SHOULD BE LOCATED NEAR EACH END OF THE PANEL EDGES WITH BRACKETS, NOT TO BE COVERED BY A BRACKET, TWICE PER SIDE.
- PANELS AND BRACKETS ARE TO BE DELIVERED FULLY ASSEMBLED AND COLLATED.
- HARDWARE SPECIFICATIONS ARE PROVIDED USING MCMASTER-CARR REFERENCE NUMBERS. PURCHASE FROM MCMASTER-CARR IS NOT REQUIRED, AS LONG AS THE HARDWARE MATCHES THE SPECIFICATIONS PROVIDED HEREIN.

SUGGESTED PANEL CONSTRUCTION TECHNIQUES

- · WELD ALUMINUM PANELS, GRIND ALL WELDS SO THAT TOP AND BOTTOM FACES OF FRAME ARE SMOOTH.
- ADHERE "TOP" SIDE OF SINTRA FACING WITH CONTACT ADHESIVE TO ALUMINUM FRAME.
- · INSTALL AND ADHERE INNER EXPANDED POLYSTYRENE FOAM PANEL (SIZED TO FILL ENTIRE INNER OPENING OF FRAME) TO BE FLUSH WITH ALUMINUM FRAME.
- ADHERE "BOTTOM" SIDE OF SINTRA FACING TO EXPANDED POLYSTYRENE FOAM PANEL AND ALUMINUM FRAME WITH CONTACT ADHESIVE.
- ROUTE ALL EDGES SMOOTH WITH FLUSH-CUTTING ROUTER BIT.
- · CAP THE 4 THIN SIDES WITH BLACK SINTRA WITH CONTACT ADHESIVE AND ROUTE FLUSH.
- ROUND OVER ALL EDGES (INCLUDING CORNERS) WITH 1/8" CORNER-ROUND ROUTER BIT.

STANDOFF CONSTRUCTION NOTES

- · CUT SCHEDULE 40 ½ PIPE TO 2 ½" LONG
- CENTER PIPE OVER ½" HOLE AND TACK WELD TO TWIST LOCK UNISTRUT
- · PAINT USING SUPER SPEC HP D.T.M.



MATERIALS

- PANELS
 - 3/4" X 1 1/2" ALUMINUM TUBE, .125" NOMINAL WALL THICKNESS
 - 3/4" EXTRUDED POLYSTYRENE FOAM
 - 5MM (3/16") SINTRA SUBSTRATE (DARK GREY AND BLACK COLORS)
 - PERMANENT CONTACT ADHESIVE

• BRACKETS

- 3/16" (7 GA) STEEL
- SUPER SPEC HP D.T.M. ACRYLIC LOW LUSTRE (P25) BLACK COLOR

• BRACKET HARDWARE

- ZINC-PLATED GRADE 5: 1/4"-20 BOLTS, 1-3/4" LONG
 - MCMASTER-CARR # 91247A548
- ZINC-PLATED GRADE 8: ¼"-20 HEX FLANGE LOCKNUTS
 - MCMASTER-CARR # 98233A100
- ZINC-PLATED GRADE 5: ½"-13 BOLTS, 4" LONG
 - MCMASTER-CARR # 91247A728
- ZINC-PLATED STEEL SAE FLAT WASHER: ½" SIZE, 1-1/16" OD
 - MCMASTER-CARR # 90126A033

STANDOFF HARDWARE

- SCHEDULE 40 STEEL ½ PIPE (CUT TO 2-½")
 - MCMASTER-CARR # 7750K231
- TWIST LOCK WASHER/NUT FOR 1-5/8" STRUT, FITS 1/2" THREAD
 - MCMASTER-CARR # 3260T13
- SUPER SPEC HP D.T.M. ACRYLIC LOW LUSTRE (P25) BLACK COLOR

BUILD INVENTORY

PANELS

•	PANEL SIZE "A":	12
•	PANEL SIZE "A-S":	4
•	PANEL SIZE "B":	110
•	PANEL SIZE "B-S":	36

• PANEL SIZE "D": 6

• PANEL SIZE "D-S": 2

• PANEL SIZE "E": 6

• PANEL SIZE "E-S": 2

• BRACKETS

• STANDARD BRACKET: 700

D" SIZE BRACKET: 20

"E" SIZE BRACKET: 20

HARDWARE

STANDOFFS: 720

