

EXTERIOR INSTALLATION

HunterDouglas
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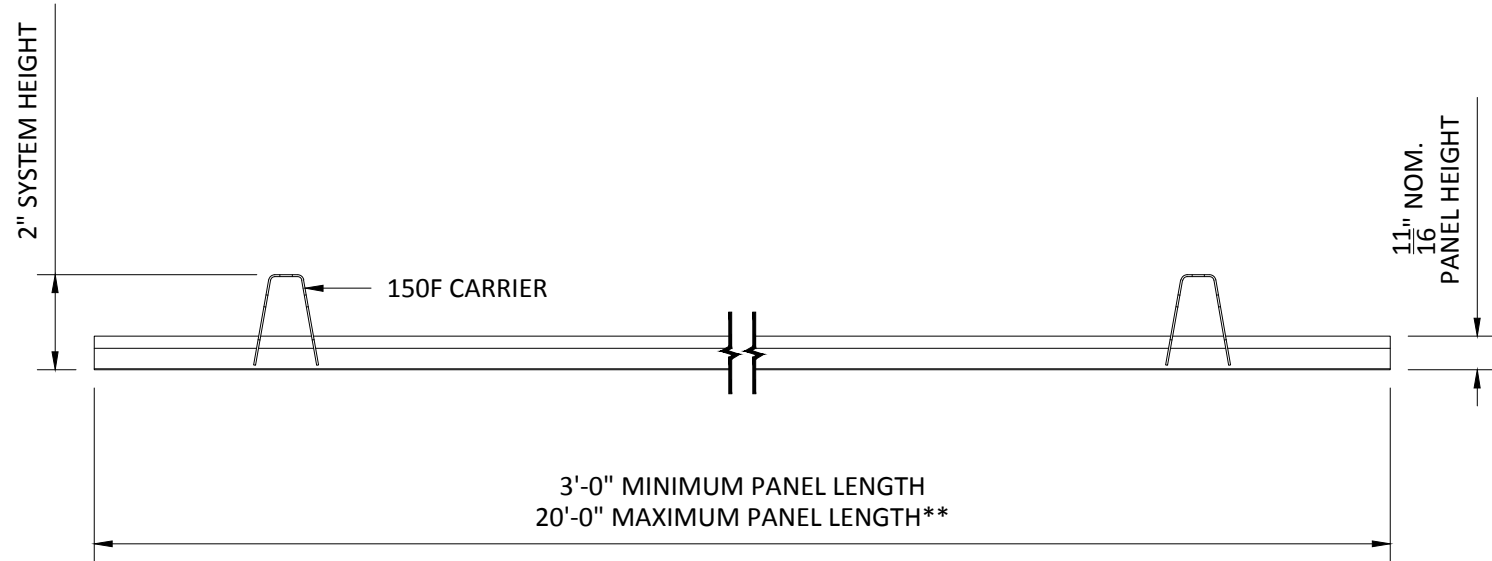
SPECIFICATIONS

(unless noted otherwise)

MATERIAL: .025" ALUMINUM 150F PANEL | .040" ALUMINUM 150F CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
PERFORATION: NON-PERFORATED | #124 FOR VENTILATION ONLY

OVERALL ISOMETRIC VIEW

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.0
SCALE: 3" = 1'-0"
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16

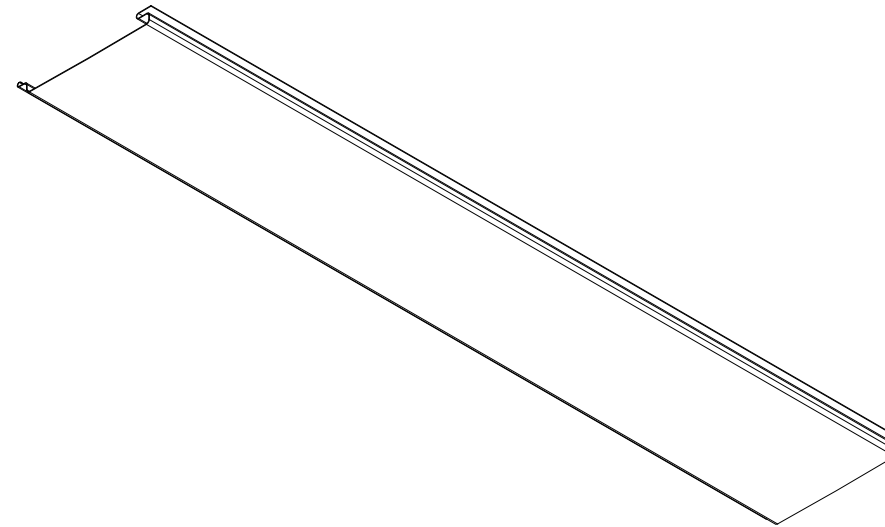


FACTORY SIDE PANEL VIEW

SCALE: 3" = 1'-0"

*VERTICAL SUPPORT OMITTED FOR CLARITY

**PANEL LENGTHS VARIABLE IN 1/8" INCREMENTS, TOLERANCE $\pm 1/8"$



150F PANEL MATERIAL THICKNESS

.025" ALUMINUM

150F PANEL FINISHES

PAINTED & POWDER COATED

LUXACOTE

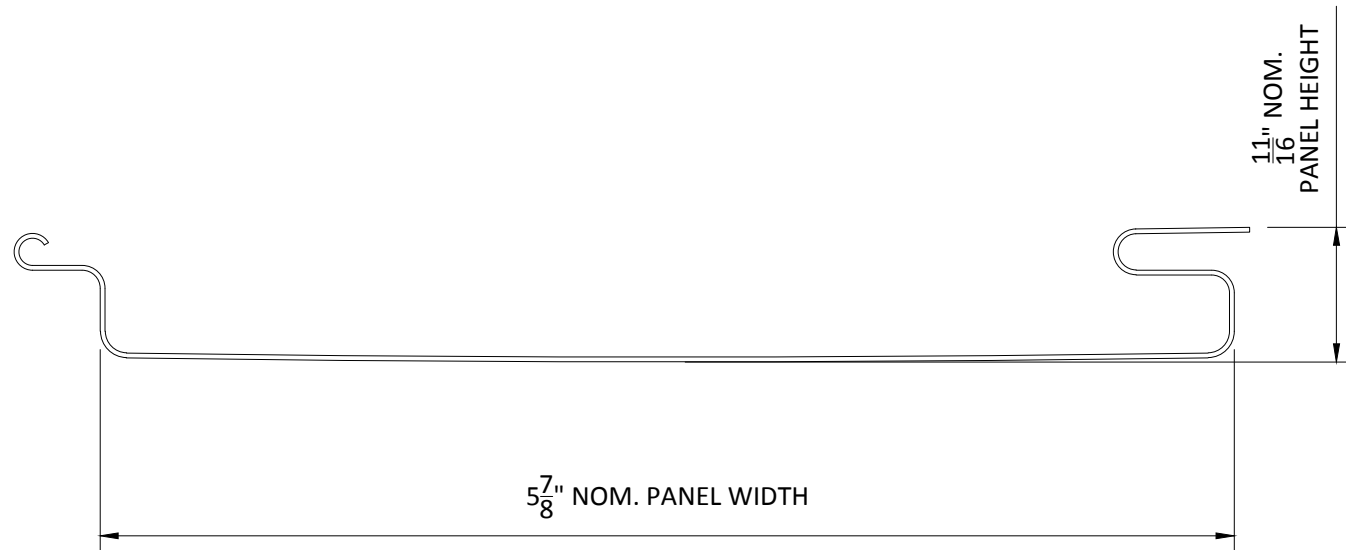
DECORATED WOOD FINISH (POWDER COATED)

150F PANEL PERFORATIONS

PERFORATION #124 (15% OPEN) AVAILABLE FOR VENTILATION PURPOSES ONLY

PANEL MATERIAL/FINISHES

SCALE: NOT TO SCALE



FACTORY END PANEL VIEW

SCALE: FULL

*SUSPENSION OMITTED FOR CLARITY



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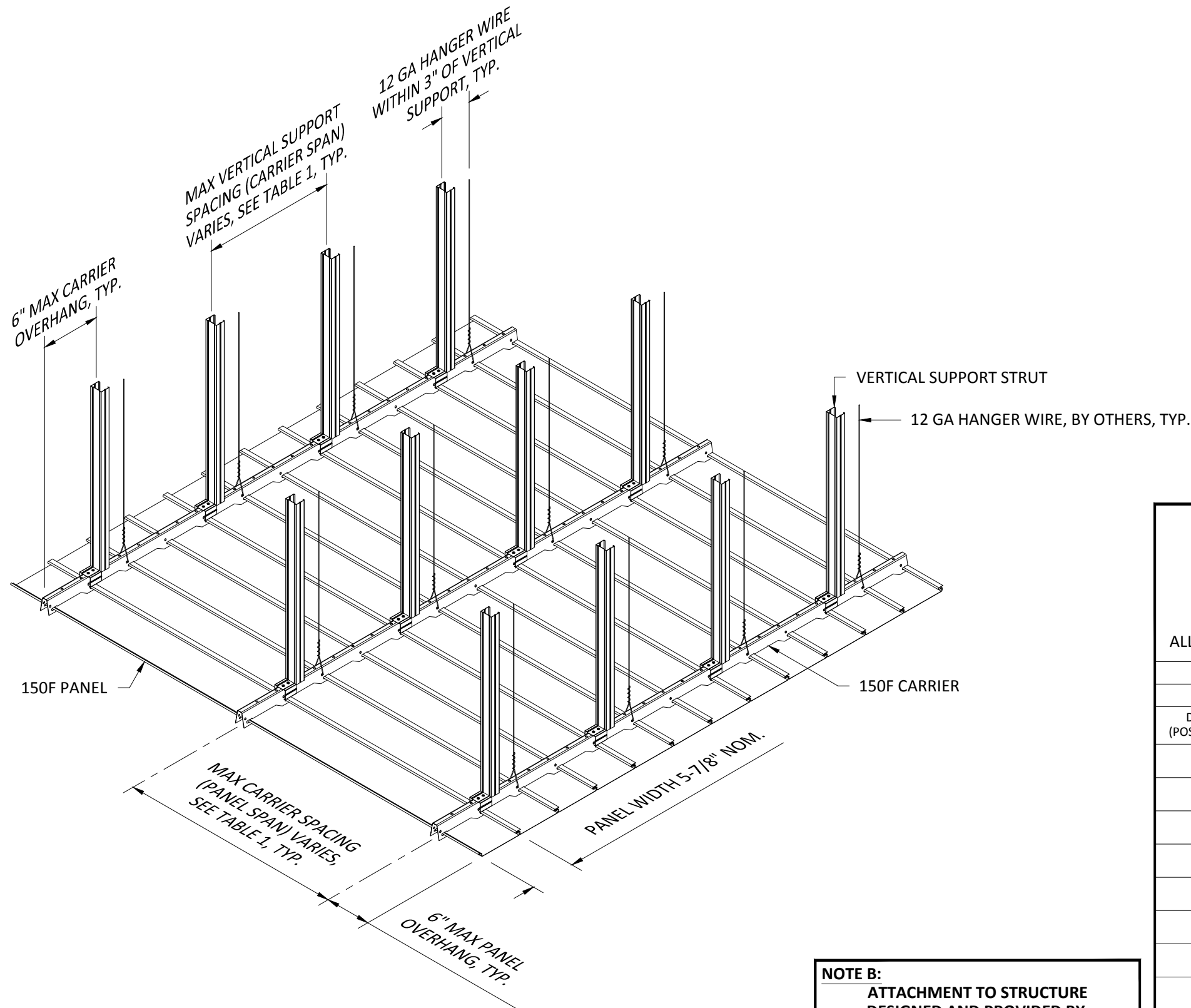
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PANEL SPEC

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.1
SCALE: AS SHOWN
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16



EXTERIOR INSTALLATION

NOTE A:

CARRIER SPACING (PANEL SPAN) AND CARRIER SPAN (HANGER WIRE & VERTICAL SUPPORT SPACING) VARIES DEPENDING ON DESIGN WIND PRESSURE (POUNDS PER SQUARE FOOT). AS A GENERAL GUIDE, REFER TO THE DETAIL AND WIND LOAD TABLE 1 BELOW FOR CARRIER SPACING AND CARRIER SPAN. THE WIND LOAD CRITERIA IS BASED ON USING 3 OR MORE ROWS OF CARRIER. MAXIMUM PANEL OVERHANG = 6". MAXIMUM CARRIER OVERHANG = 6".

HANGER WIRE (12 GA MIN.) MUST BE LOCATED AT EACH VERTICAL SUPPORT STRUT. VERTICAL SUPPORT STRUT MUST NOT EXCEED SPACING SHOWN FOR A GIVEN DESIGN WIND PRESSURE. SEE DRAWING # 150F-B1.3 FOR VERTICAL SUPPORT SPECIFICATION. HANGER WIRE AND VERTICAL SUPPORT STRUT MUST BE ATTACHED TO STRUCTURE ABOVE TO SAFELY SUPPORT ALL LOADS IMPOSED BY SOFFIT SYSTEM. ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

150F CARRIER*
MATERIAL: .040" ALUMINUM
FINISH: MATTE BLACK
PART LENGTH: 16'-0"

*CONTAINS INTEGRAL SPLICE

TABLE 1 - DESIGN WIND LOAD - 150F EXTERIOR CEILING SYSTEM

PANEL MATERIAL: .025" ALUMINUM
CARRIER MATERIAL: .040" ALUMINUM

ALLOWABLE CARRIER SPACING (PANEL SPAN)
ALLOWABLE CARRIER SUPPORT SPACING (HANGER WIRE/VERTICAL SUPPORT SPACING)

* CARRIER SPACING BASED ON USING 3 OR MORE CARRIERS		
** POUNDS PER SQUARE FOOT		
DESIGN WIND PRESSURE (POSITIVE OR NEGATIVE PSF**)	CARRIER SPACING* (PANEL SPAN)	CARRIER SPAN (VERTICAL SUPPORT SPACING)
20	49"	20"
25	40"	20"
30	34"	20"
35	29"	20"
40	26"	20"
50	22"	20"
55	21"	20"
60	18"	20"
75	16"	20"

NOTE B:

ATTACHMENT TO STRUCTURE
DESIGNED AND PROVIDED BY
OTHERS, NOT BY HUNTER DOUGLAS



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SUSPENSION SPEC

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.2
SCALE: 3" = 1'-0"
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16

12 GA HANGER WIRE, WITHIN 3" OF VERTICAL SUPPORT, NOT BY HUNTER DOUGLAS

1/2" X 1-1/2" 16 GA GALV. CRC

12 GA HANGER WIRE, WITHIN 3" OF VERTICAL SUPPORT, NOT BY HUNTER DOUGLAS

DIETRICH STE-20 2-1/2" 20 GA GALV. STEEL STUD

1/2" X 1-1/2" 16 GA GALV. CRC SECURED TO CARRIER WITH 12 GA GALV. BRACKET, NOT BY HUNTER DOUGLAS

12 GA GALV. BRACKET, NOT BY HUNTER DOUGLAS

12 GA (.109") MIN X 3/4" WIDTH MIN

1/2" MAX

1" MIN

150F CARRIER

150F PANEL

SEE TABLE 1 ON DRAWING # 150F-B1.2 FOR MAX O.C. SPACING REQUIREMENTS, TYP.

VERTICAL SUPPORT 1/2" X 1-1/2" 16 GA GALV. CRC, MAX LENGTH 28", SEE NOTE A THIS SHEET FOR VERTICAL SUPPORT REQUIREMENTS

VERTICAL SUPPORT DIETRICH STE-20 2-1/2" 20 GA GALV. STEEL STUD OR EQUAL, MAX LENGTH 85", SEE NOTE A THIS SHEET FOR VERTICAL SUPPORT REQUIREMENTS

12 GA HANGER WIRE, WITHIN 3" OF VERTICAL SUPPORT, TYP., NOT BY HUNTER DOUGLAS

VERTICAL SUPPORT 1/2" X 1-1/2" 16 GA GALV. CRC, MAX LENGTH 28", SEE NOTE A THIS SHEET FOR VERTICAL SUPPORT REQUIREMENTS

(2) NO. 10 TEK SCREWS, NOT BY HUNTER DOUGLAS

(2) NO. 10 TEK SCREWS, NOT BY HUNTER DOUGLAS

(2) NO. 10 TEK SCREWS, NOT BY HUNTER DOUGLAS

150F CARRIER

1/4" DIAMETER X 20 GRADE 2 NUT & BOLT IN PRE-PUNCHED CARRIER HOLE, NOT BY HUNTER DOUGLAS

150F PANEL

SECTION 'A'

SCALE: 3" = 1'-0"

NOTE A:

VERTICAL SUPPORT STRUTS (MINIMUM 1-1/2" 16 GA GALV. 'C' CHANNEL OR EQUAL, MAX LENGTH OF 28"). SEE DRAWING # 150F-B1.2 FOR EXTERIOR SUSPENSION REQUIREMENTS. VERTICAL SUPPORTS SHALL BE LOCATED WITHIN 6" OF THE ENDS OF EACH CARRIER AND WITHIN 6" ON BOTH SIDES OF A CARRIER SPLICE.

VERTICAL SUPPORT EQUALS:

DIETRICH STE-20 2-1/2" 20 GA MAX LENGTH OF 85"

DIETRICH TRNB-25 MAX LENGTH OF 78"

*** ATTACHMENT TO STRUCTURE ABOVE SHALL BE DESIGNED AND PROVIDED BY OTHERS TO SUPPORT ALL LOADS IMPOSED BY CEILING SOFFIT SYSTEM ***

NOTE B:

ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS

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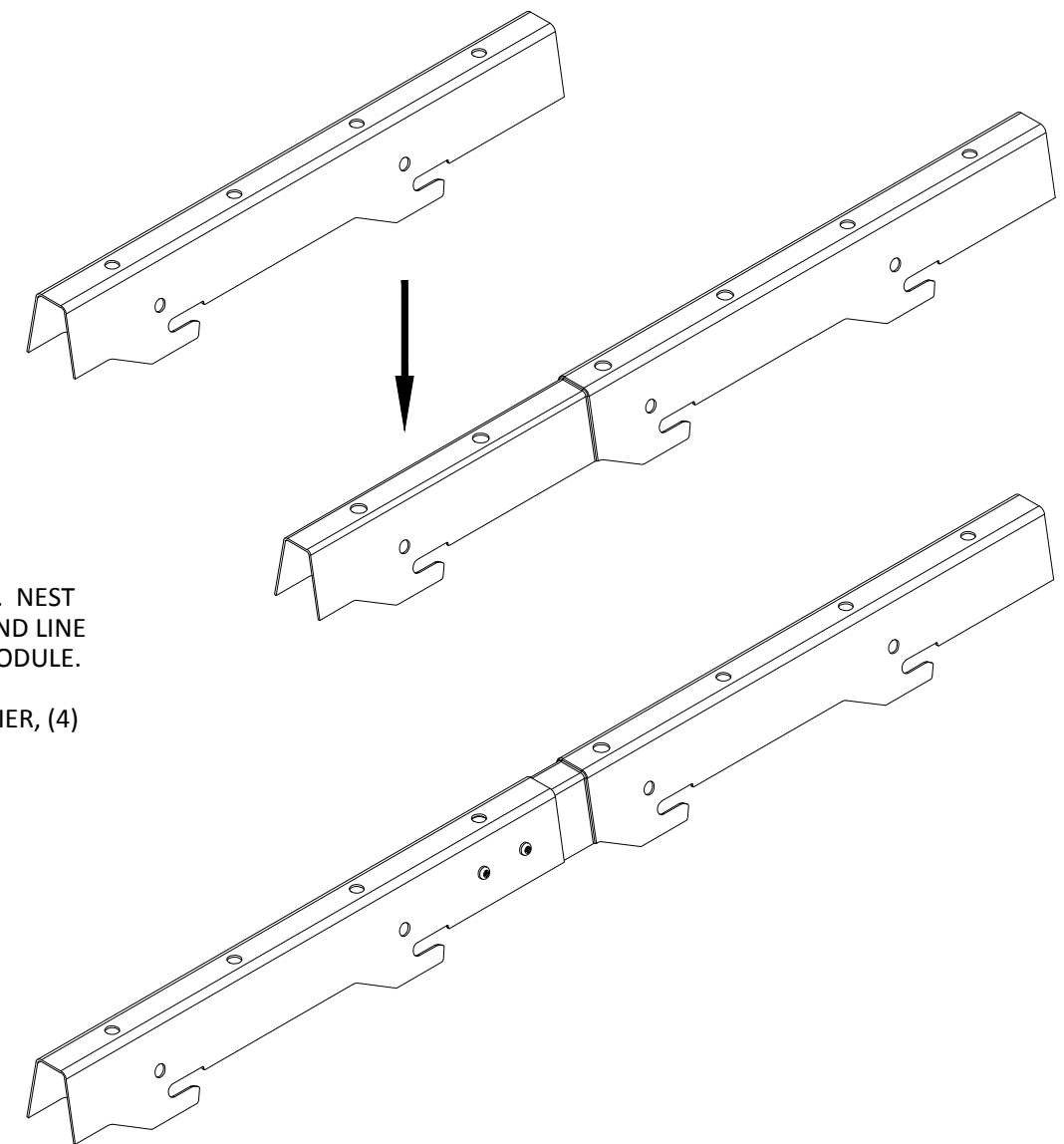
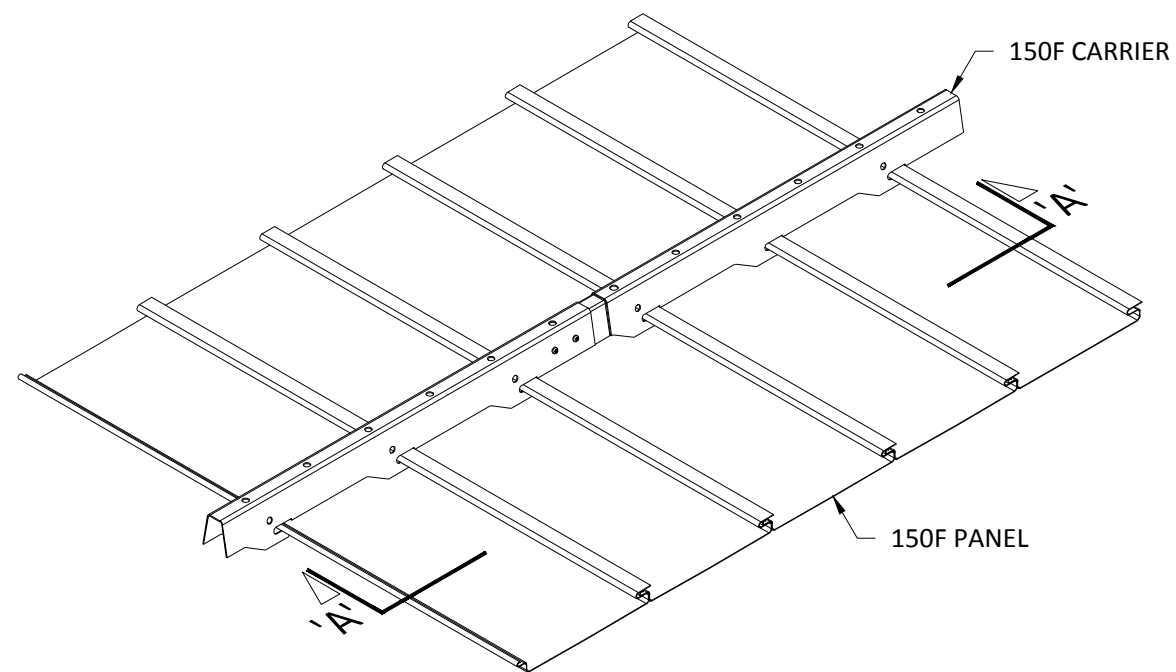
SPECIFICATIONS

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PERFORATION: NON-PERFORATED | #124 FOR VENTILATION ONLY

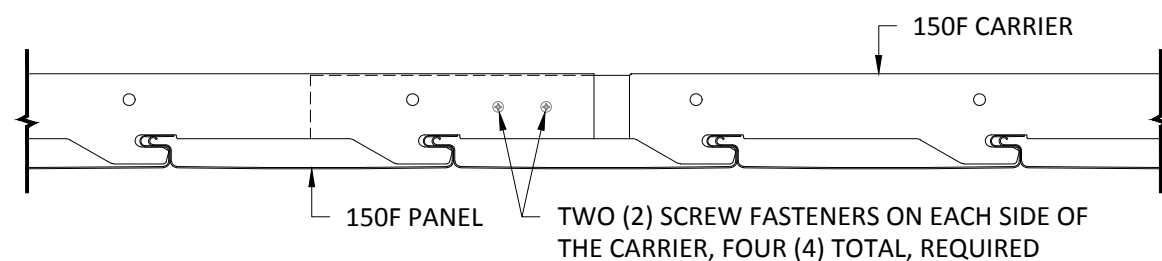
VERTICAL SUPPORT SPEC

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.3
SCALE: 3" = 1'-0"
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16



THE 150F CARRIER CONTAINS AN INTEGRAL SPLICE. NEST ONE END OF THE CARRIER INTO THE OTHER END AND LINE UP THE HOLES AND FLANGES TO MAINTAIN THE MODULE.

SCREW FASTENERS (2) ON EACH SIDE OF THE CARRIER, (4) TOTAL ARE REQUIRED TO SECURE THE CARRIERS.



SECTION 'A'
SCALE: 3" = 1'-0"

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*VERTICAL SUPPORT OMITTED FOR CLARITY



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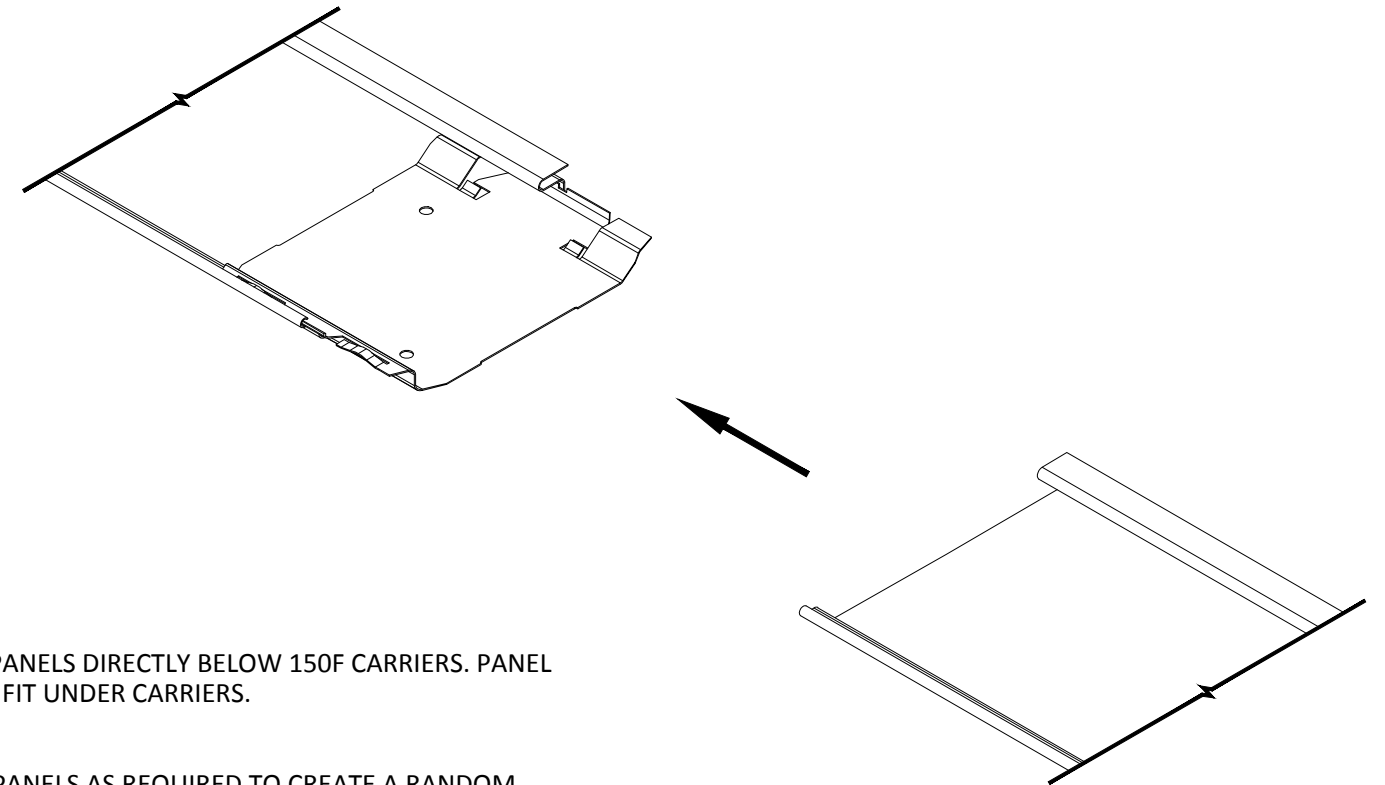
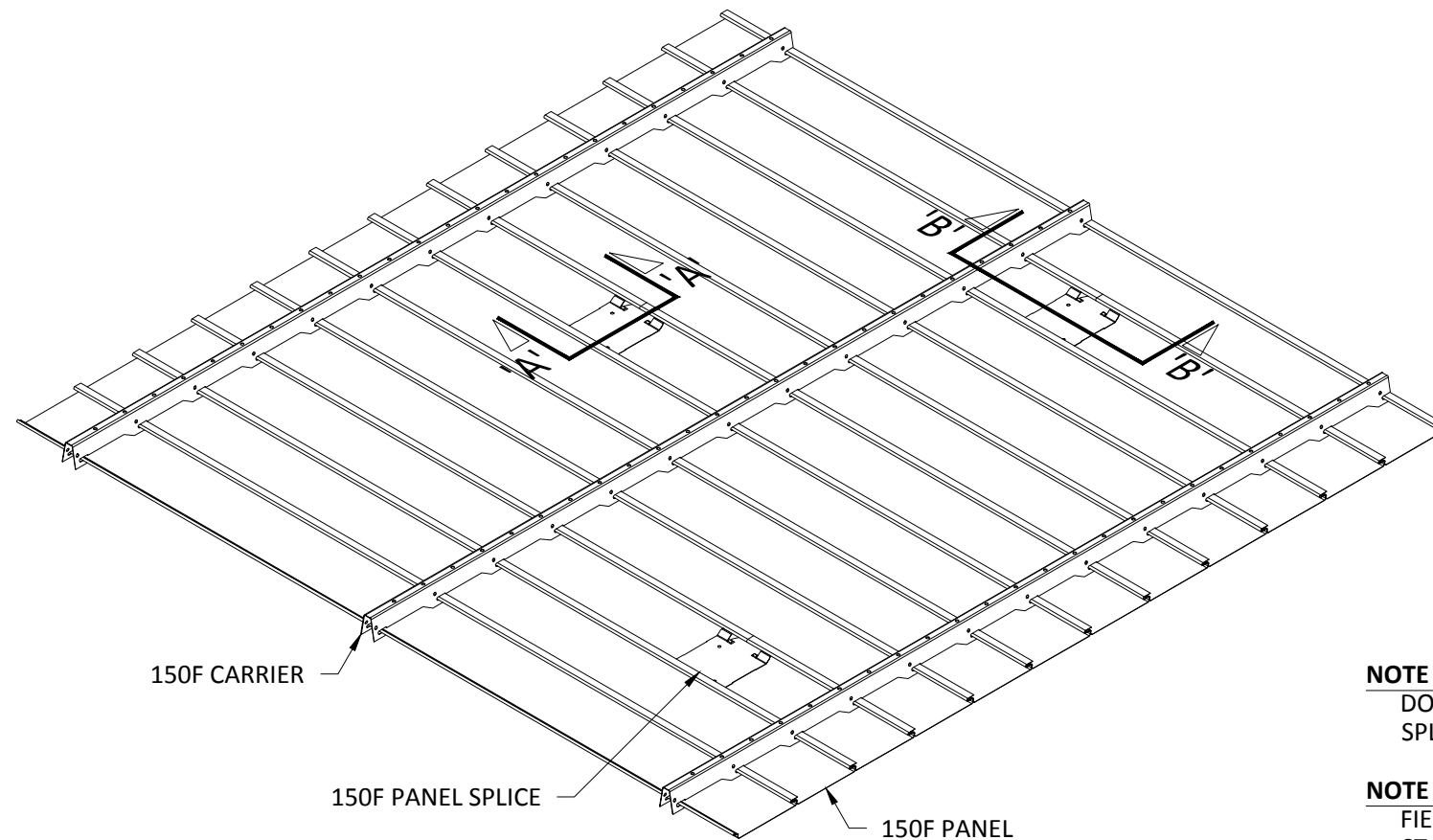
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FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
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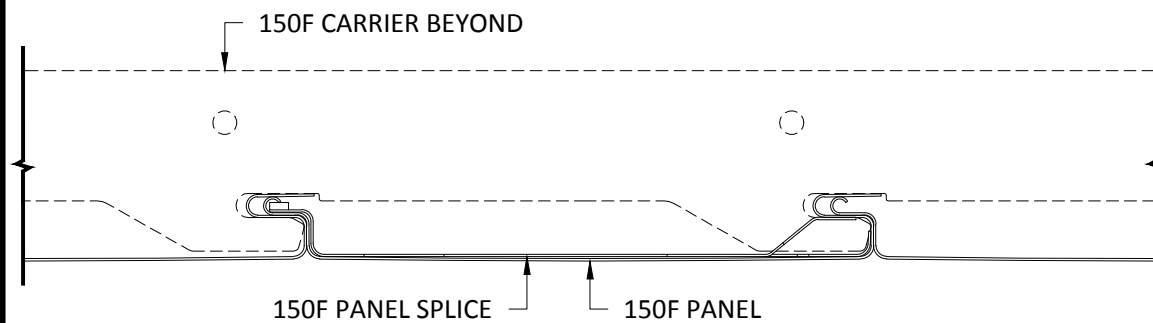
CARRIER SPLICE

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.4
SCALE: 3" = 1'-0"
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16

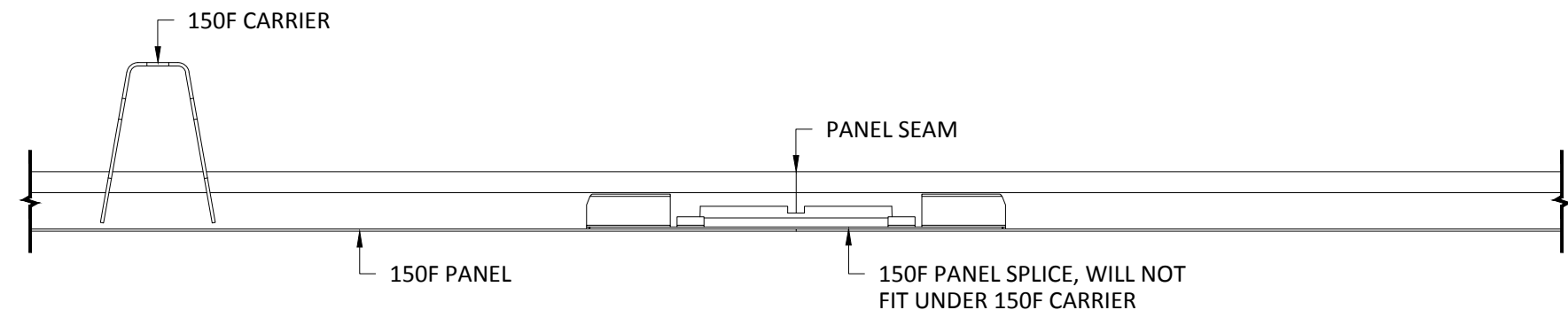


NOTE 1:
DO NOT SPLICE PANELS DIRECTLY BELOW 150F CARRIERS. PANEL SPLICES DO NOT FIT UNDER CARRIERS.

NOTE 2:
FIELD CUT 150F PANELS AS REQUIRED TO CREATE A RANDOM STAGGERED SEAM PATTERN. AVOID ALIGNED SEAMS.



SECTION 'A'
SCALE: 6" = 1'-0"



SECTION 'B'
SCALE: 6" = 1'-0"

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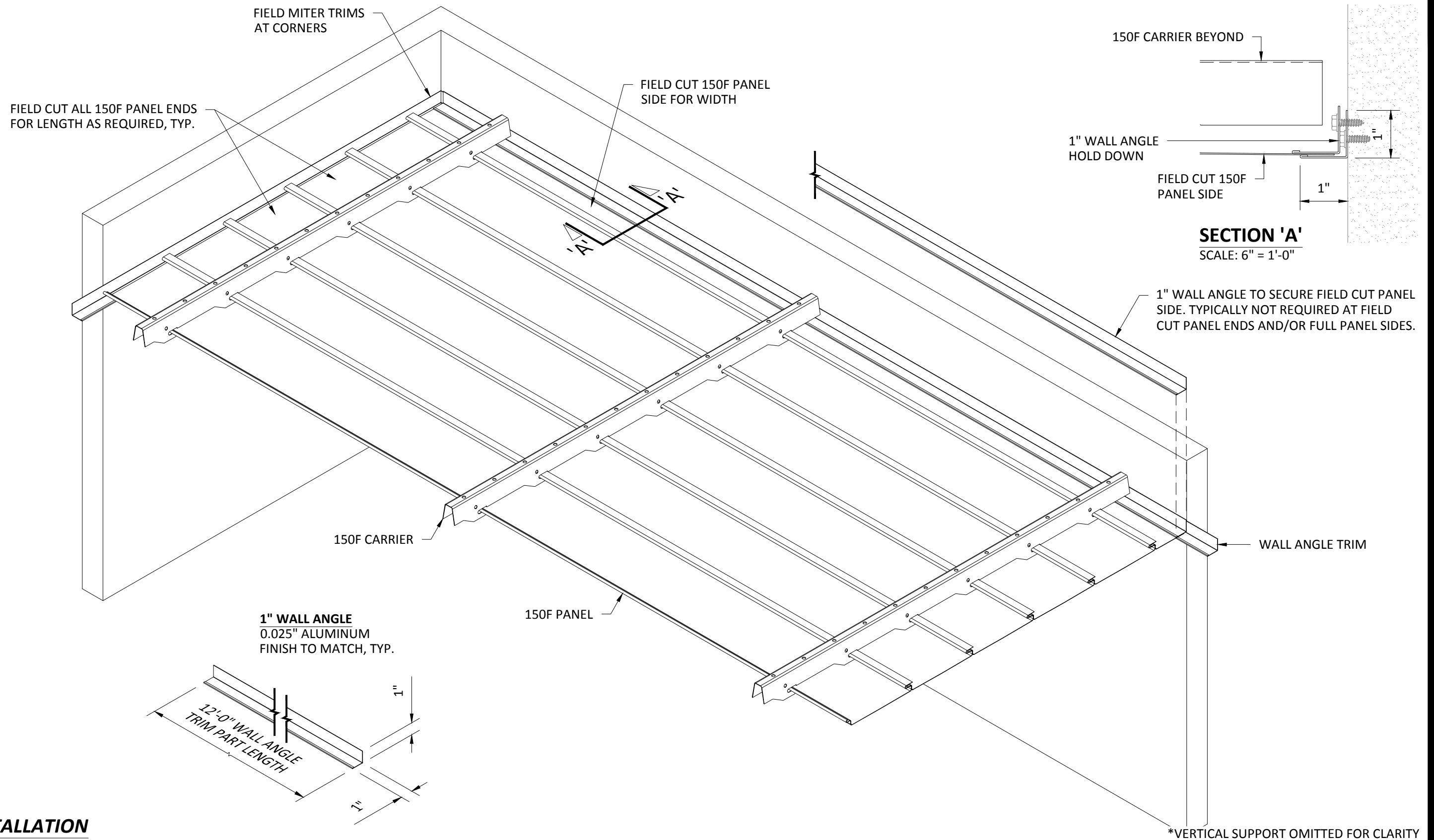
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PANEL SPLICE SPEC

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.5
SCALE: AS SHOWN
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16



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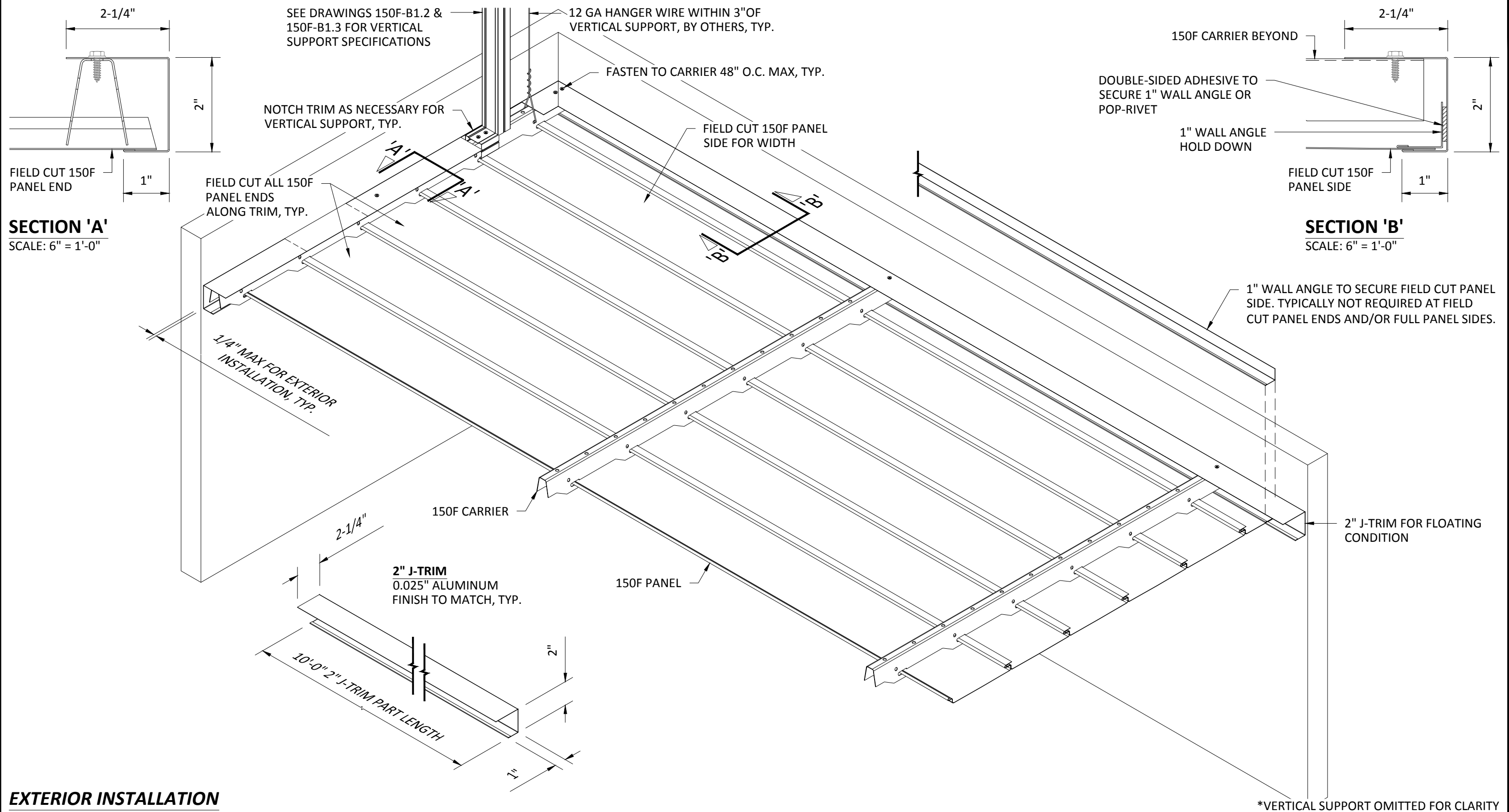
SPECIFICATIONS

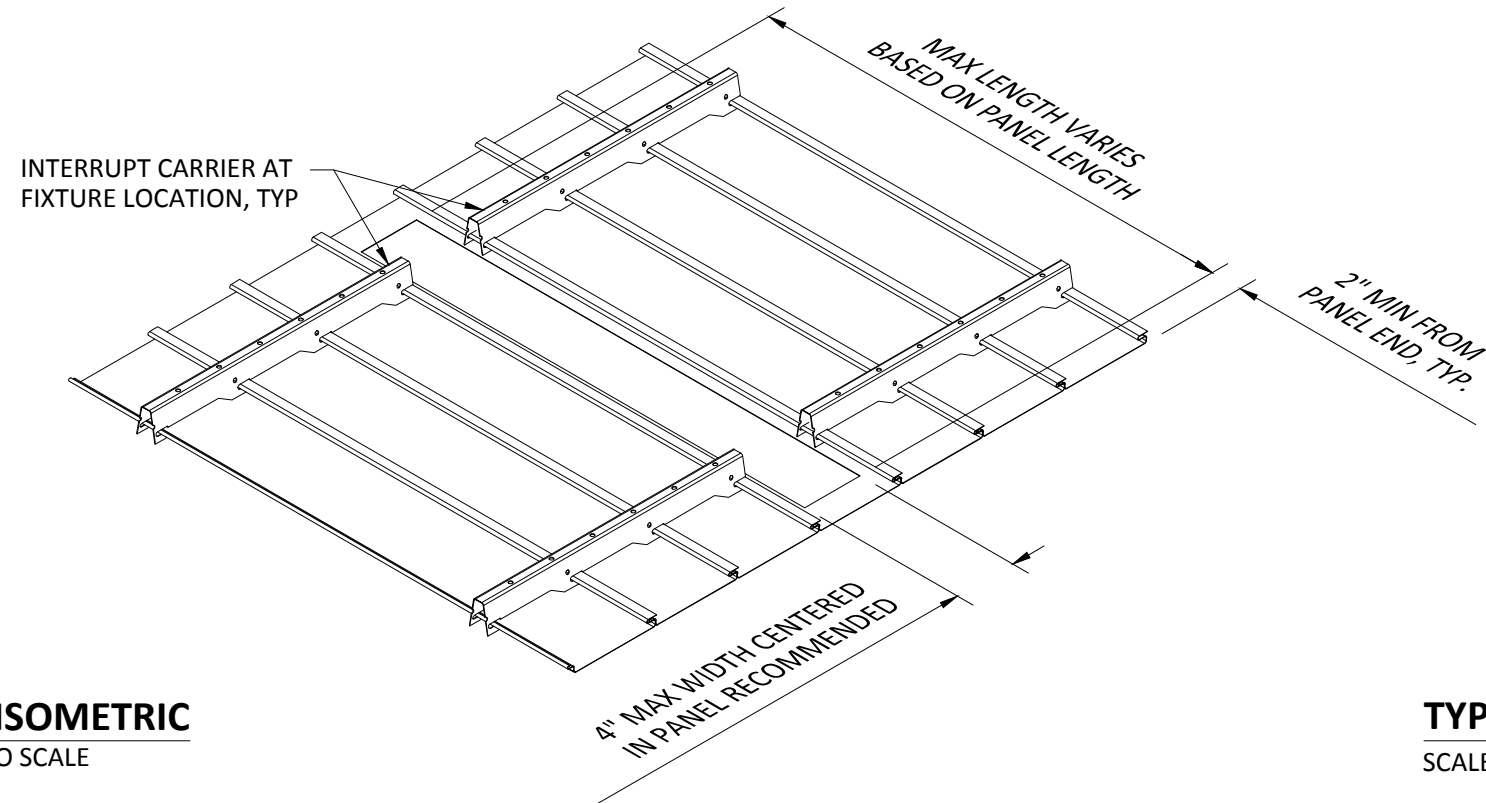
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PERFORATION: NON-PERFORATED | #124 FOR VENTILATION ONLY

WALL ANGLE TRIM

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.6
SCALE: AS SHOWN
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16



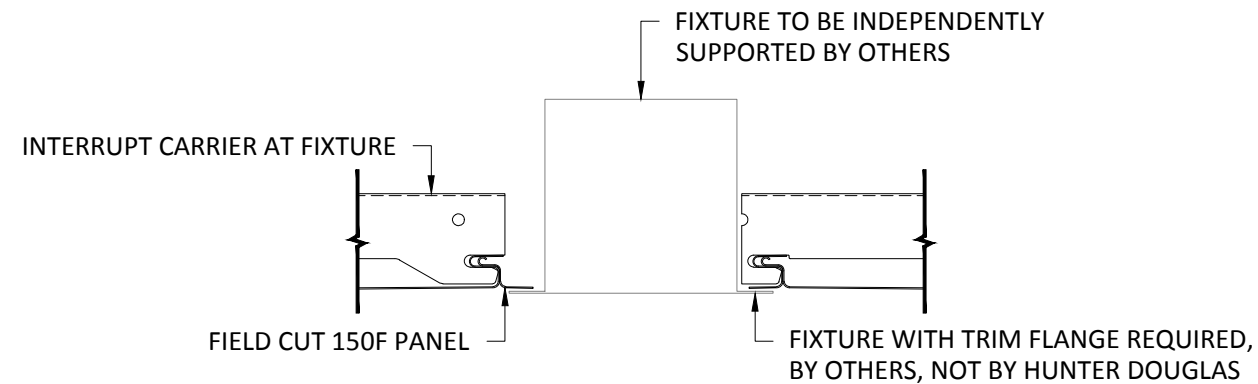
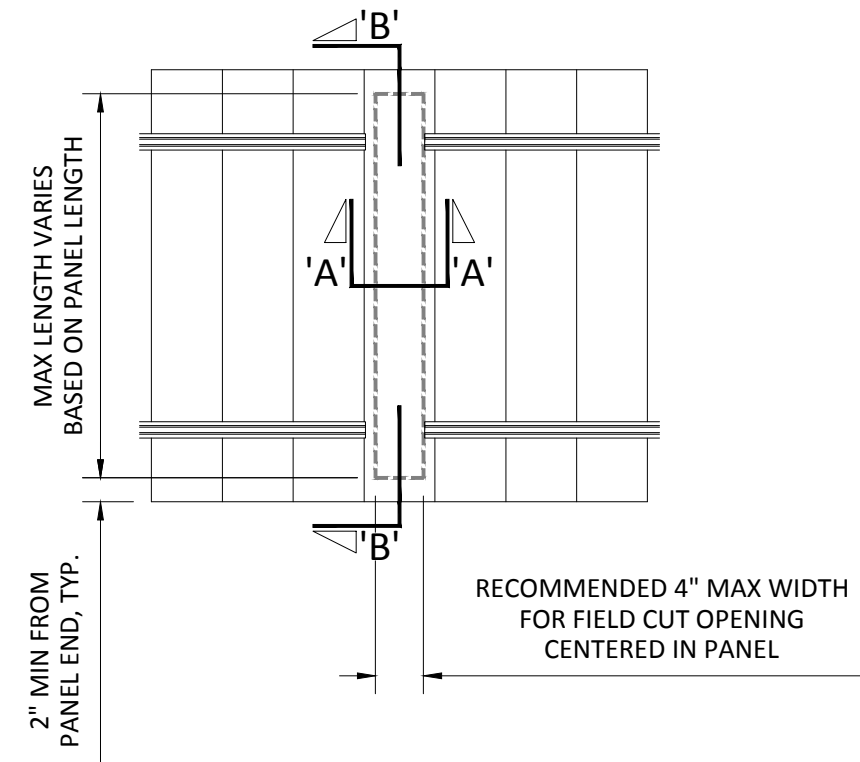


TYPICAL ISOMETRIC

SCALE: NOT TO SCALE

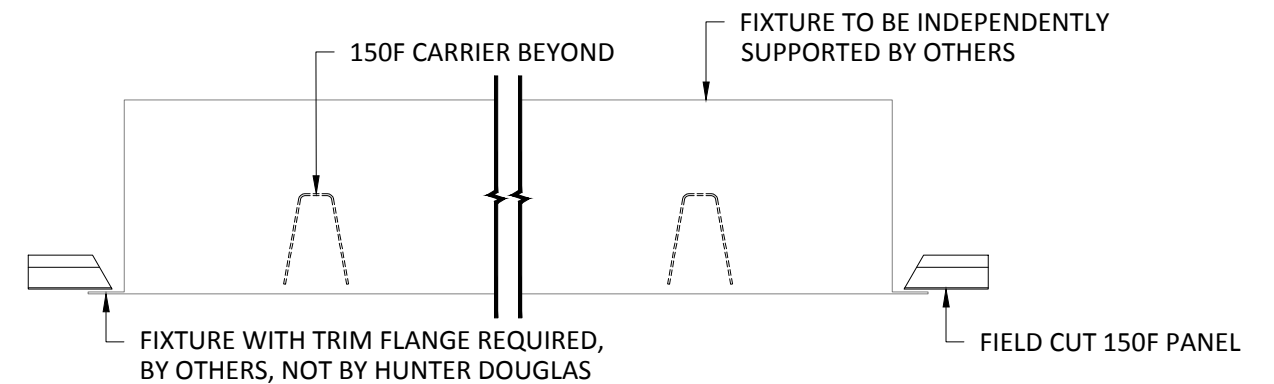
TYPICAL RCP

SCALE: $\frac{3}{4}" = 1'-0"$



SECTION 'A'

SCALE: $3" = 1'-0"$



SECTION 'B'

SCALE: $3" = 1'-0"$

NOTE: ROUND OPENINGS LESS THAN EIGHT (8) INCHES DIAMETER TYPICALLY FIELD CUT INTO PANEL FACE, TRIM FOR ALL FIXTURES BY OTHERS, NOT BY HUNTER DOUGLAS

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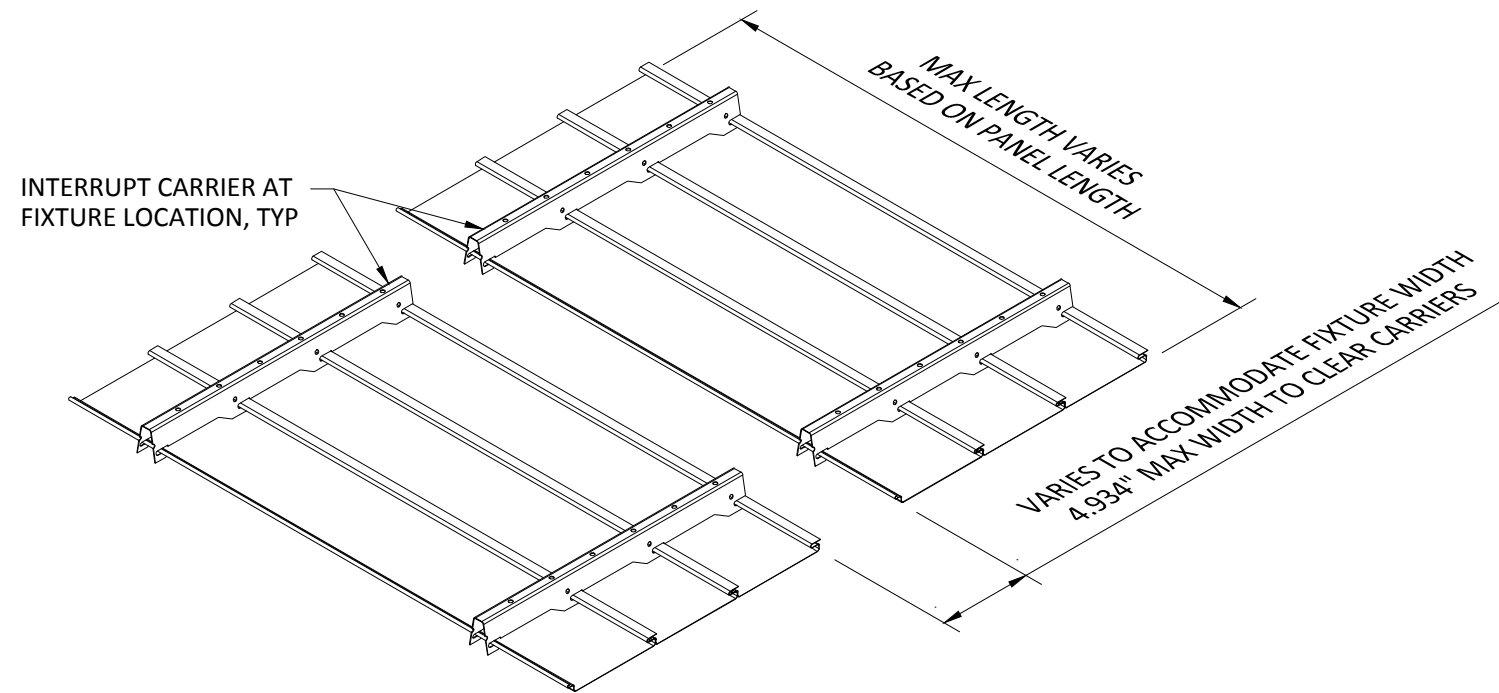
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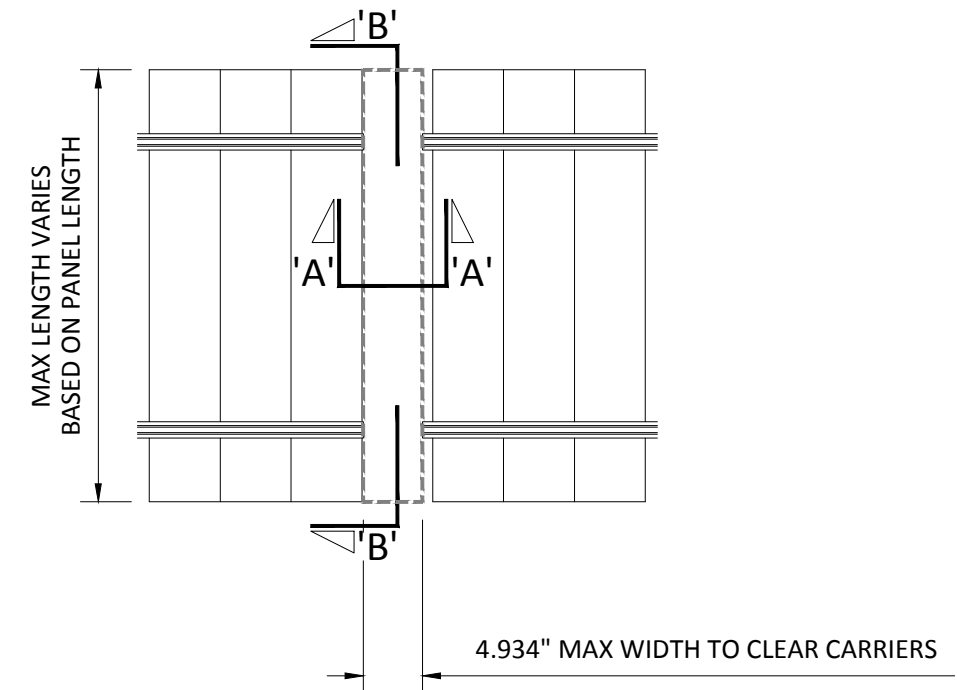
FIELD CUT PANEL FOR FIXTURE OPENINGS

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.8
SCALE: AS SHOWN
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16



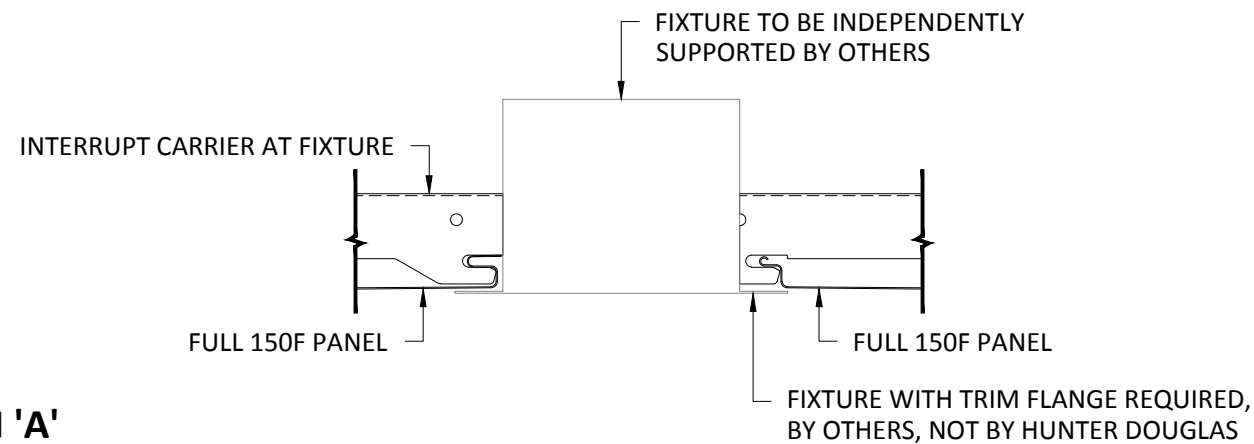
TYPICAL ISOMETRIC

SCALE: NOT TO SCALE



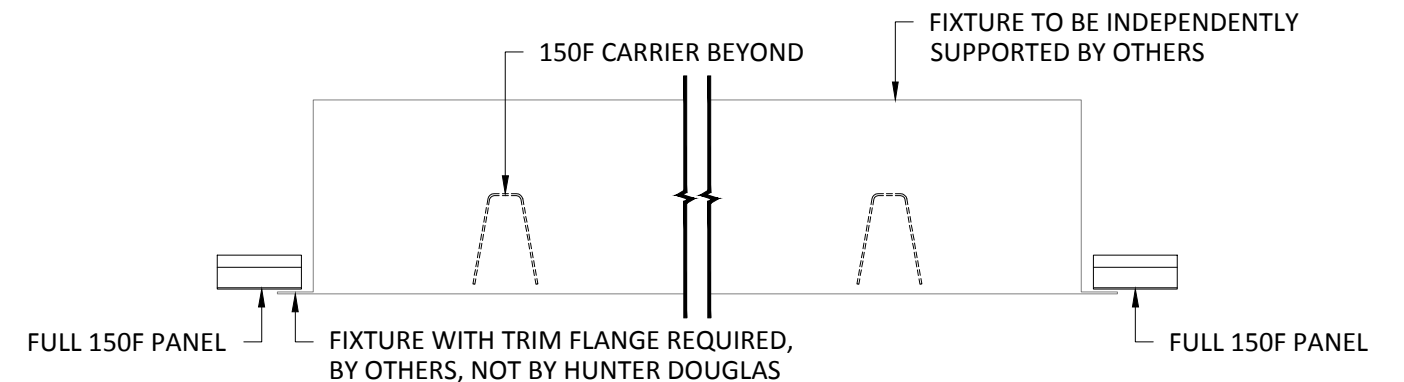
TYPICAL RCP

SCALE: $\frac{3}{4}" = 1'-0"$



SECTION 'A'

SCALE: 3" = 1'-0"



SECTION 'B'

SCALE: 3" = 1'-0"

NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

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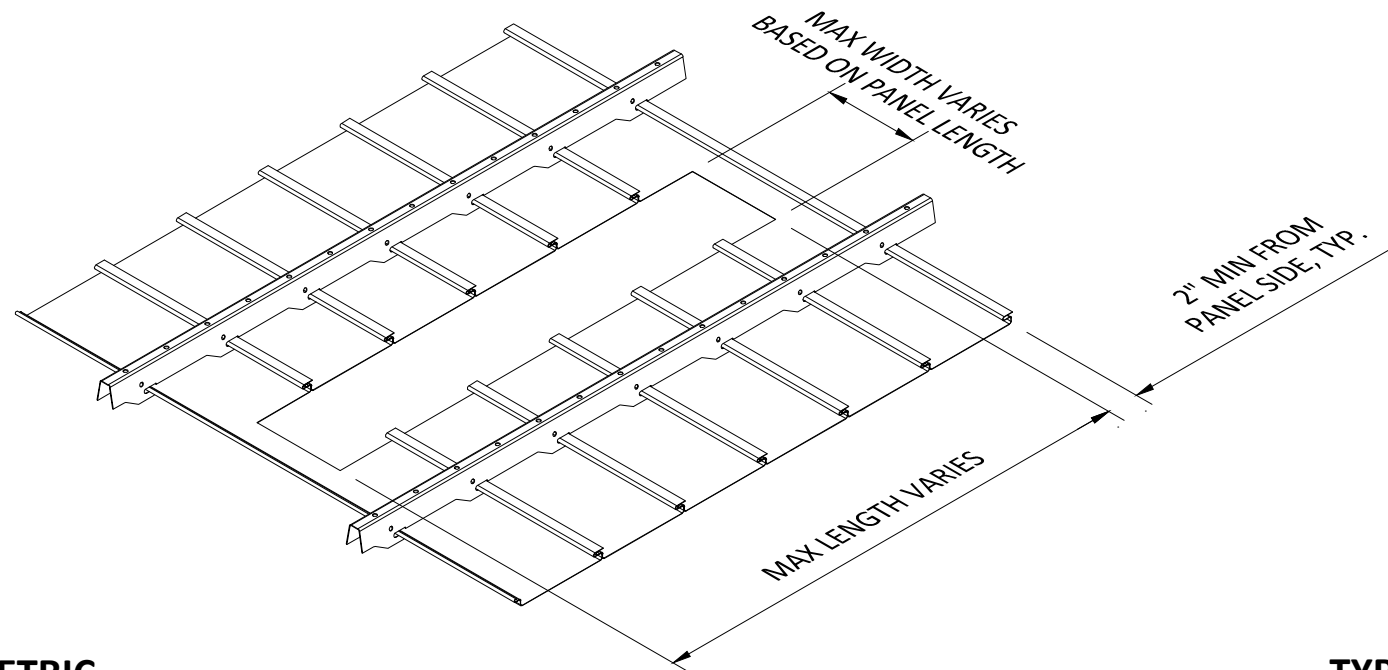
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INTERRUPTED PANEL FOR FIXTURE OPENINGS

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.9
SCALE: AS SHOWN
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16

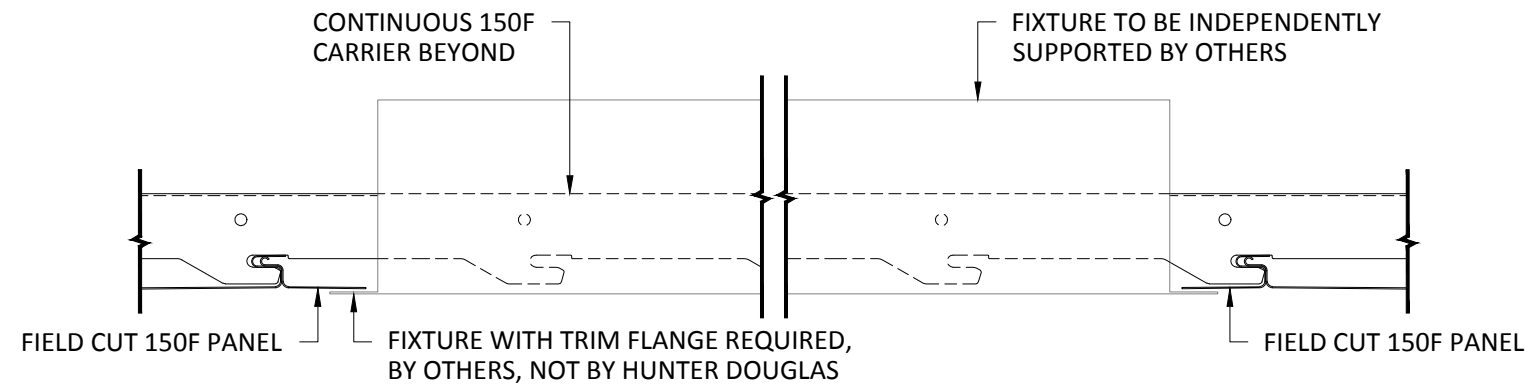
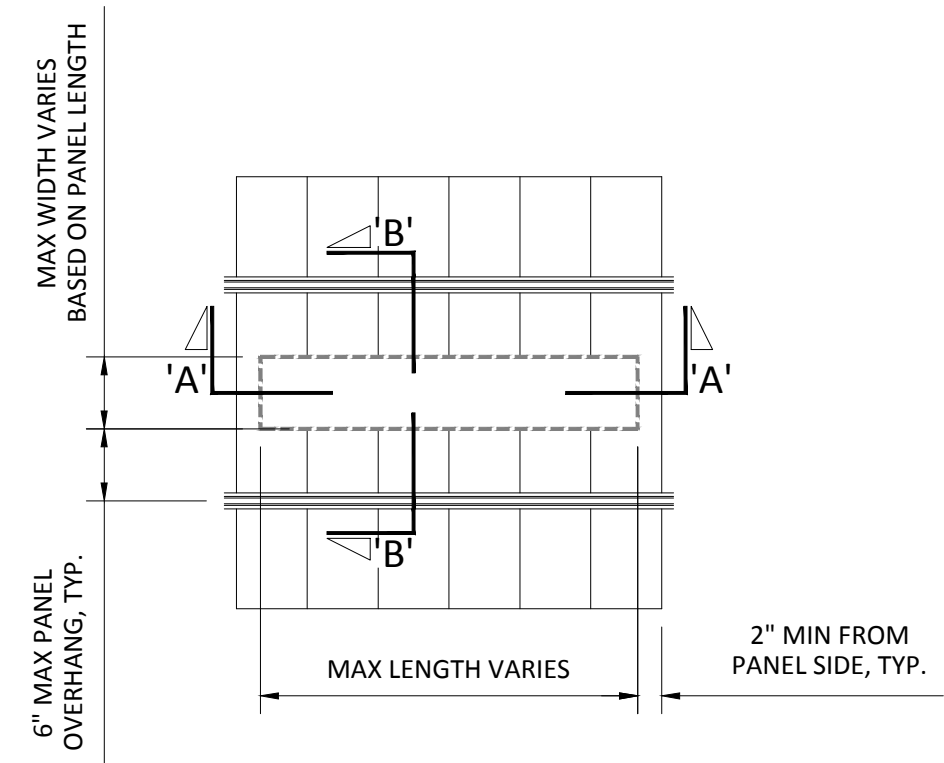


TYPICAL ISOMETRIC

SCALE: NOT TO SCALE

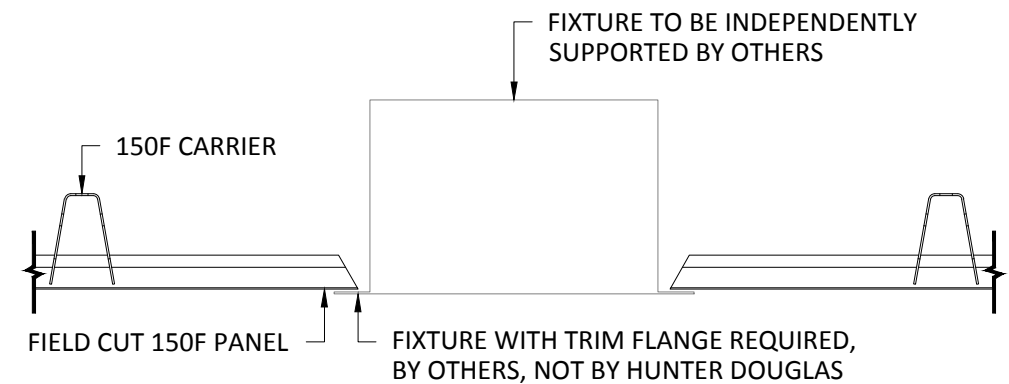
TYPICAL RCP

SCALE: $\frac{3}{4}" = 1'-0"$



SECTION 'A'

SCALE: $3" = 1'-0"$



SECTION 'B'

SCALE: $3" = 1'-0"$

NOTE: ROUND OPENINGS LESS THAN EIGHT (8) INCHES DIAMETER TYPICALLY FIELD CUT INTO PANEL FACE, TRIM FOR ALL FIXTURES BY OTHERS, NOT BY HUNTER DOUGLAS

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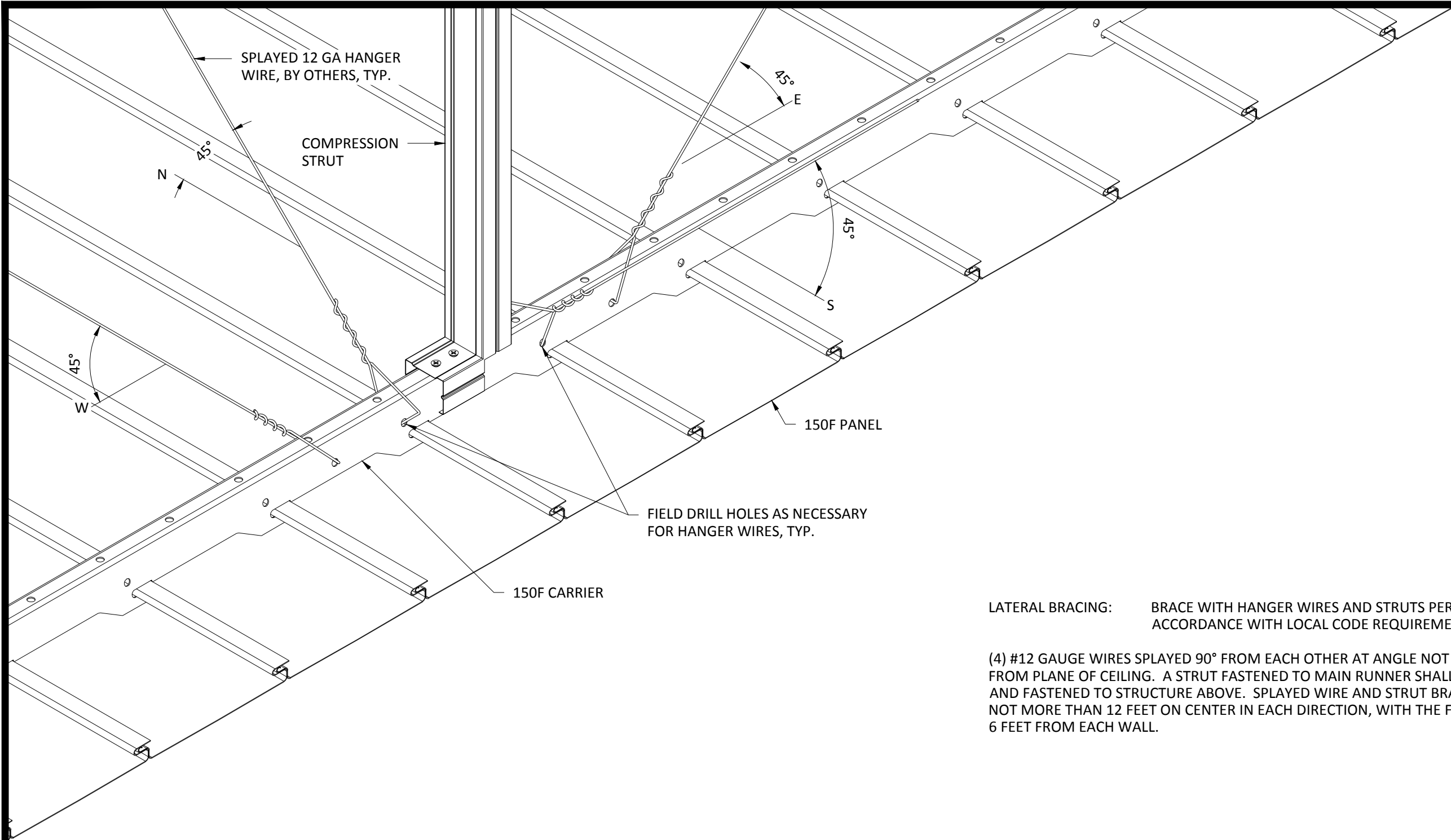
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FIELD CUT PANEL FOR FIXTURE OPENINGS

PROJECT: 150F PRODUCT SPECIFICATIONS
DRAWING NUMBER: 150F-B1.10
SCALE: AS SHOWN
DRAWN BY: HDA ENGINEERING
DATE: 8/15/16



LATERAL BRACING: BRACE WITH HANGER WIRES AND STRUTS PER ASTM E-580 AND IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.

(4) #12 GAUGE WIRES SPLAYED 90° FROM EACH OTHER AT ANGLE NOT EXCEEDING 45° FROM PLANE OF CEILING. A STRUT FASTENED TO MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO STRUCTURE ABOVE. SPLAYED WIRE AND STRUT BRACING TO BE PLACED NOT MORE THAN 12 FEET ON CENTER IN EACH DIRECTION, WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL.

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SEISMIC SPEC
 PROJECT: 150F PRODUCT SPECIFICATIONS
 DRAWING NUMBER: 150F-B1.11
 SCALE: NTS
 DRAWN BY: HDA ENGINEERING
 DATE: 8/15/16