





These drawings show typical conditions for installing the CertainTeed product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable as specific installation. CertainTeed assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particular purpose. The user is advised to consult with local licensed design professionals in order to assure compliance with all legal requirements. CertainTeed is not licensed to provide professional engineering or architectural services.

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#### **SPECIFICATIONS**

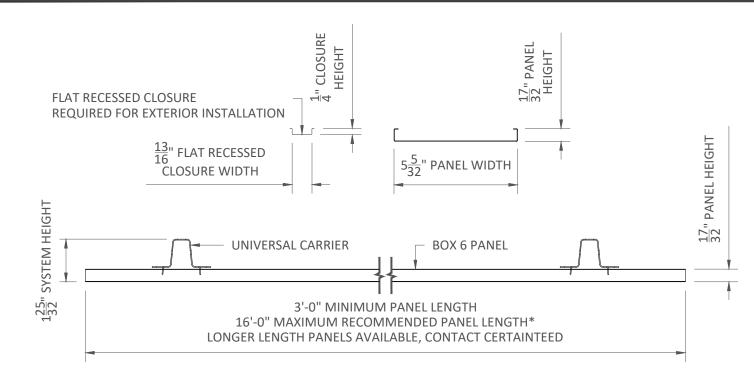
(unless noted otherwise)

MATERIAL: .020" | .025" | .032" | .040" ALUMINUM BOX 6 PANEL | .040"
ALUMINUM UNIVERSAL CARRIER

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160

## **OVERALL ISOMETRIC VIEW**

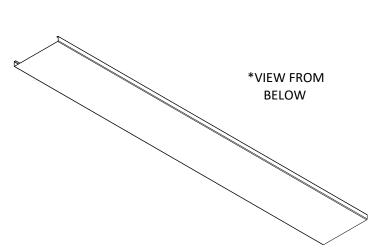
PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.0 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21



## **FACTORY END & SIDE PANEL VIEW**

SCALE: 3" = 1'-0"

\*PANEL LENGTHS AVAILABLE IN  $\pm \frac{1}{8}$ " TOLERANCE, MINIMUM QUANTITIES MAY APPLY



#### **MATERIAL THICKNESS**

BOX 6: .020", .025", .032", .040" ALUMINUM

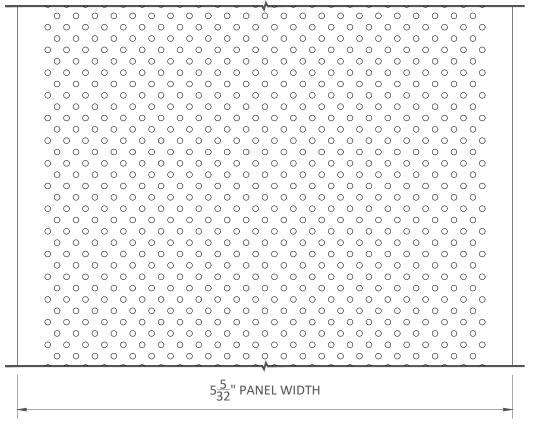
#### **PANEL FINISHES**

PAINTED & POWDER COATED - INTERIOR & EXTERIOR

**LUXACOTE - INTERIOR & EXTERIOR** 

DECORATED WOOD FINISH (POWDER COATED) - INTERIOR & EXTERIOR

#### PERFORATION #160: PERF. AREA 23% OPEN HOLE DIAMETER 0.060'



# PANEL MATERIALS & FINISHES

**SCALE: NOT TO SCALE** 



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PERFORATION: NON-PERFORATED | #160

(unless noted otherwise)

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ALUMINUM UNIVERSAL CARRIER

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

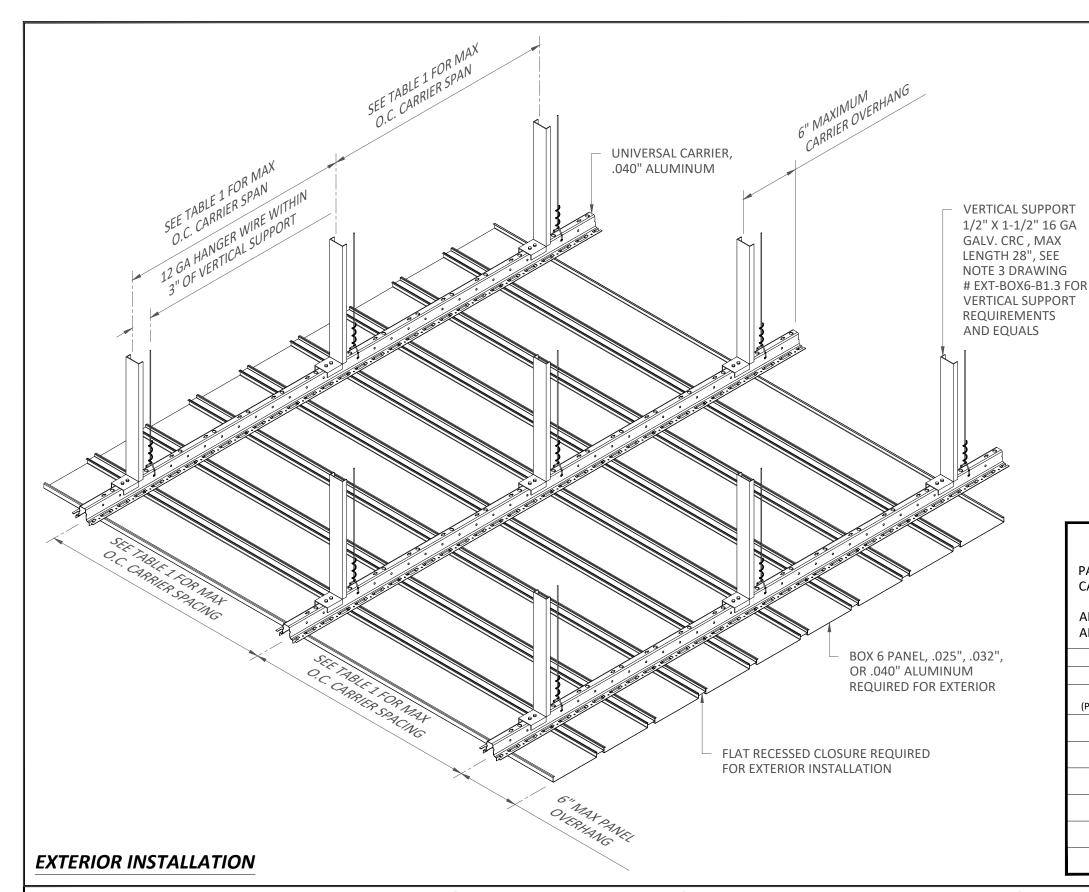
SCALE: FULL (1:1)

# **AVAILABLE PERFORATIONS**

| PANEL SPECIFICATIONS

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.1 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21





#### 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 # EXT-BOX6-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 CERTAINTEED.

#### NOTE B:

ALL PENETRATIONS IN CEILING TO BE FIELD LOCATED AND FIELD CUT. TRIM FOR THESE ITEMS NOT BY CERTAINTEED.

#### NOTE C:

ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY CERTAINTEED.

#### **TABLE 1 - DESIGN WIND LOAD - LINEAR BOX EXTERIOR CEILING SYSTEM**

PANEL TYPE: .025", .032", OR .040" ALUMINUM, BOX 6 PANEL CARRIER TYPE: .040" ALUMINUM, UNIVERSAL CARRIER

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

\* NOTE: 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	2'-8"	2'-2"
25	2'-5"	2'-1"
30	2'-2"	1'-11"
35	2'-0"	1'-10"
40	1'-11"	1'-9"
45	1'-10"	1'-9"

# **A**RCHITECTURAL



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## **SPECIFICATIONS**

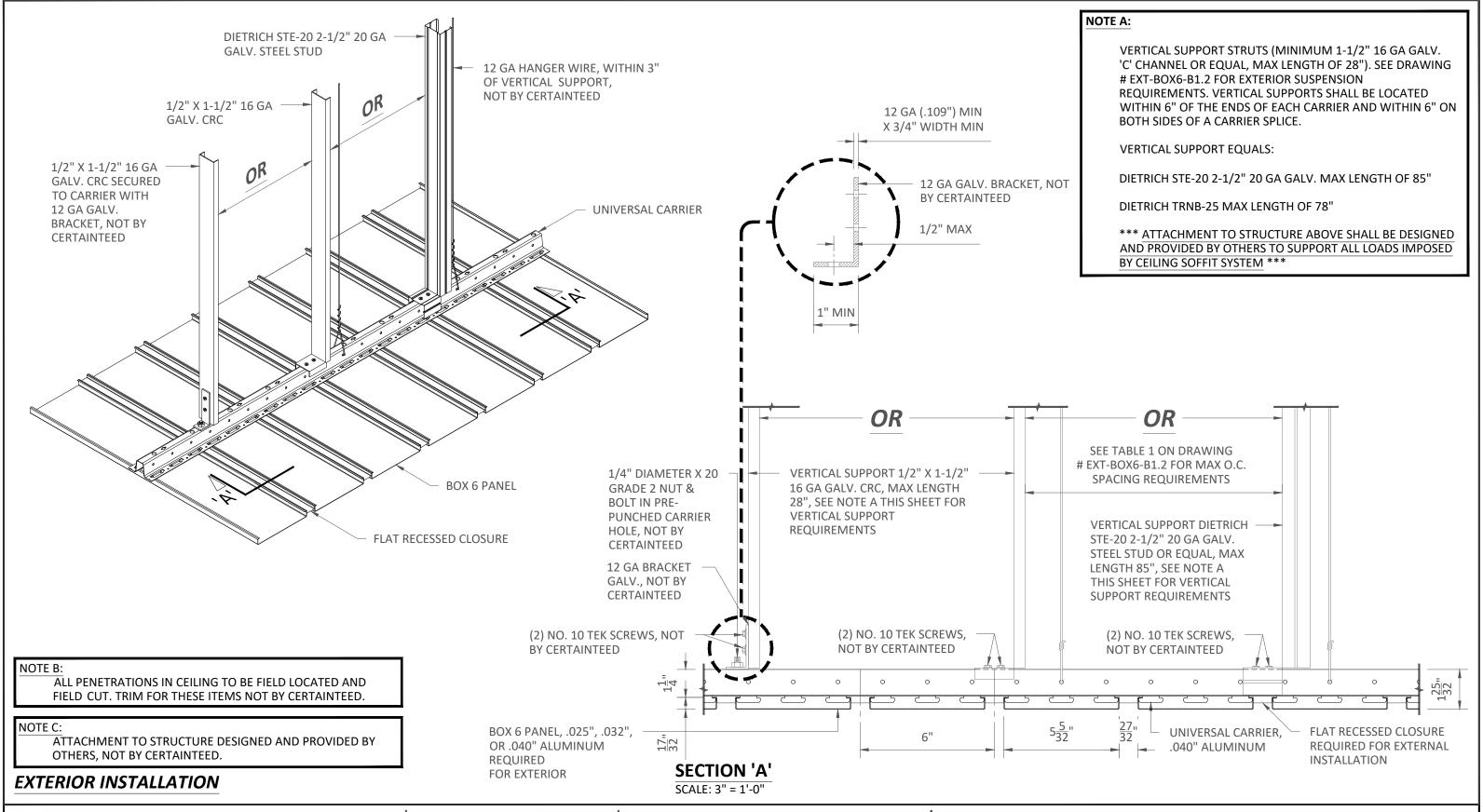
(unless noted otherwise)

MATERIAL: .020" | .025" | .032" | .040" ALUMINUM BOX 6 PANEL | .040" ALUMINUM UNIVERSAL CARRIER

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160

#### **EXTERIOR SUSPENSION SPECIFICATIONS**

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.2 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21



# **ARCHITECTURAL**



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#### **SPECIFICATIONS**

PERFORATION: NON-PERFORATED | #160

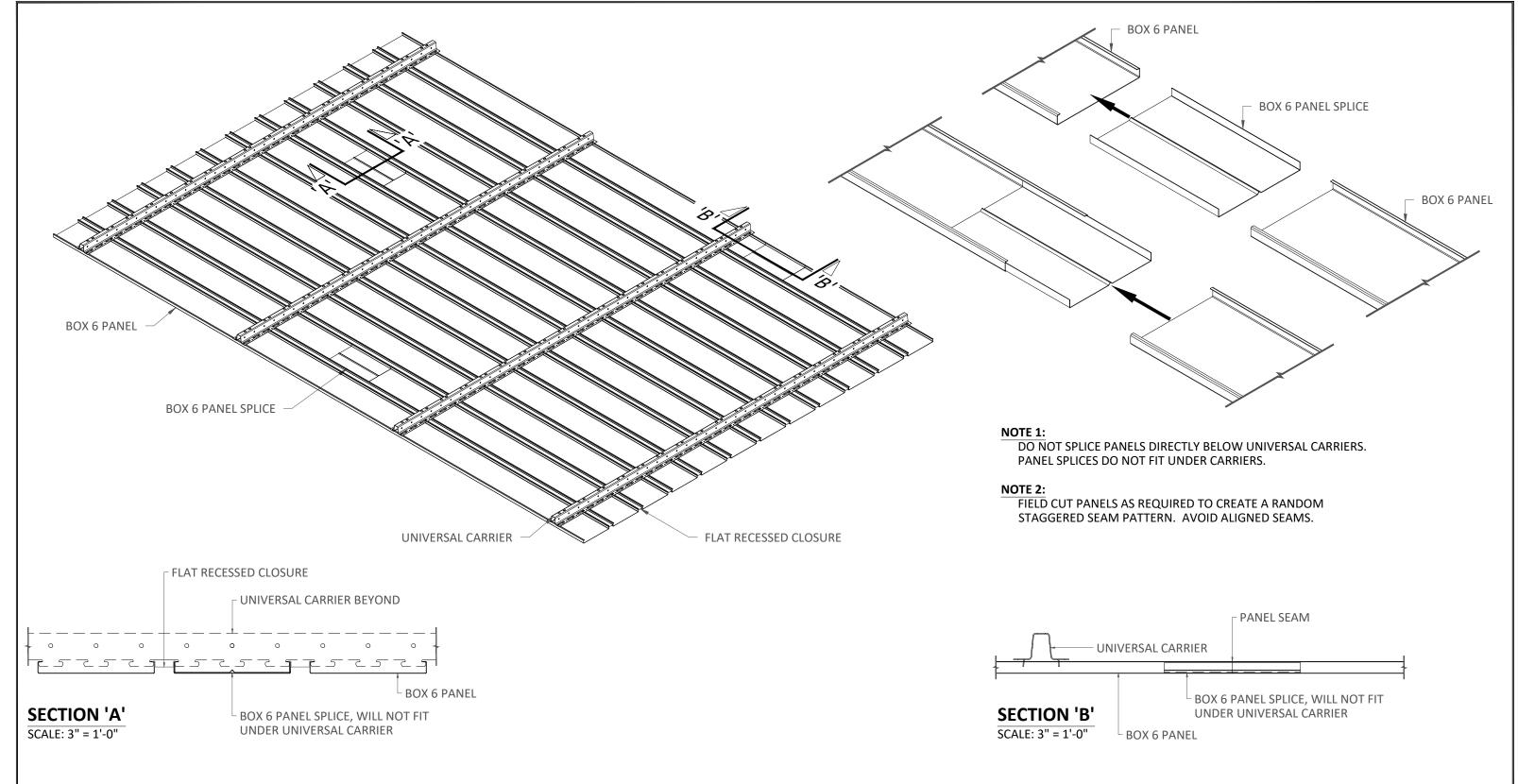
(unless noted otherwise)

MATERIAL: .020" | .025" | .032" | .040" ALUMINUM BOX 6 PANEL | .040" ALUMINUM UNIVERSAL CARRIER FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE

# PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS

**EXTERIOR VERTICAL SUPPORT SPECIFICATIONS** 

DRAWING NUMBER: EXT-BOX6-B1.3 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21



# **EXTERIOR INSTALLATION**

\*VERTICAL SUPPORTS AND HANGER WIRE OMITTED FOR CLARITY





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## **SPECIFICATIONS**

(unless noted otherwise)

MATERIAL: .020" | .025" | .032" | .040" ALUMINUM BOX 6 PANEL | .040"

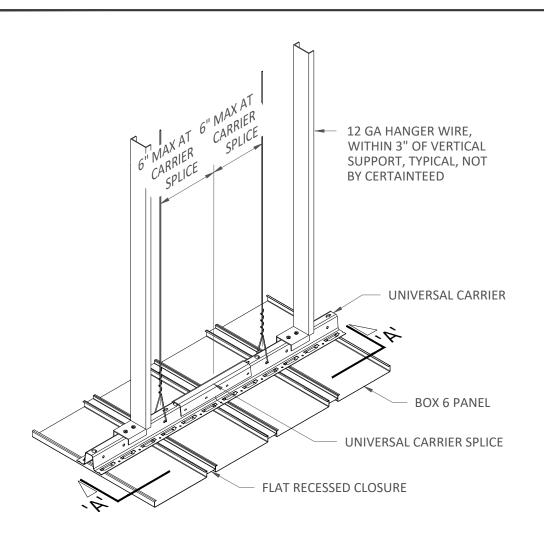
ALUMINUM UNIVERSAL CARRIER

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXAC

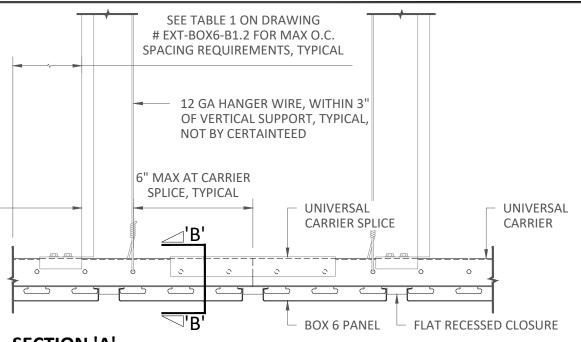
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160

## **PANEL SPLICE**

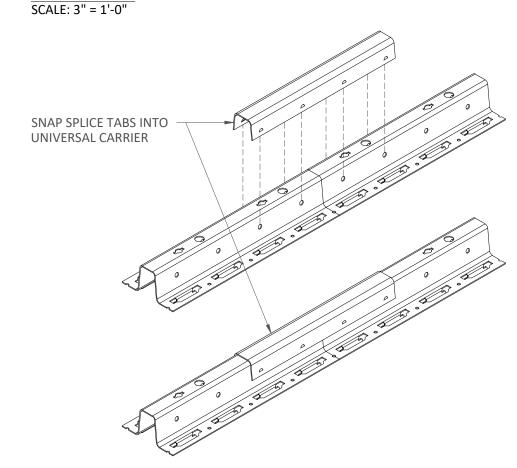
PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.4 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21



VERTICAL SUPPORT 1/2" X 1-1/2" ——
16 GA GALV. CRC OR EQUAL,
MAX LENGTH 28", SEE NOTE A
ON DRAWING # EXT-BOX6-B1.3 FOR
VERTICAL SUPPORT REQUIREMENTS



SECTION 'A'



IF THE DESIRED CARRIER LENGTH EXCEEDS THE MAXIMUM OF 16'-0", USE A UNIVERSAL CARRIER SPLICE TO CONNECT THE FACTORY CARRIER ENDS.

THE TABS OF THE SPLICE SNAP INTO THE HOLES IN THE CARRIER AND ADDITIONAL FIXING IS NOT NECESSARY. THE MODULE IS CONTINUED AUTOMATICALLY.



SECTION 'B'
SCALE: FULL (1:1)

# **EXTERIOR INSTALLATION**





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PERFORATION: NON-PERFORATED | #160

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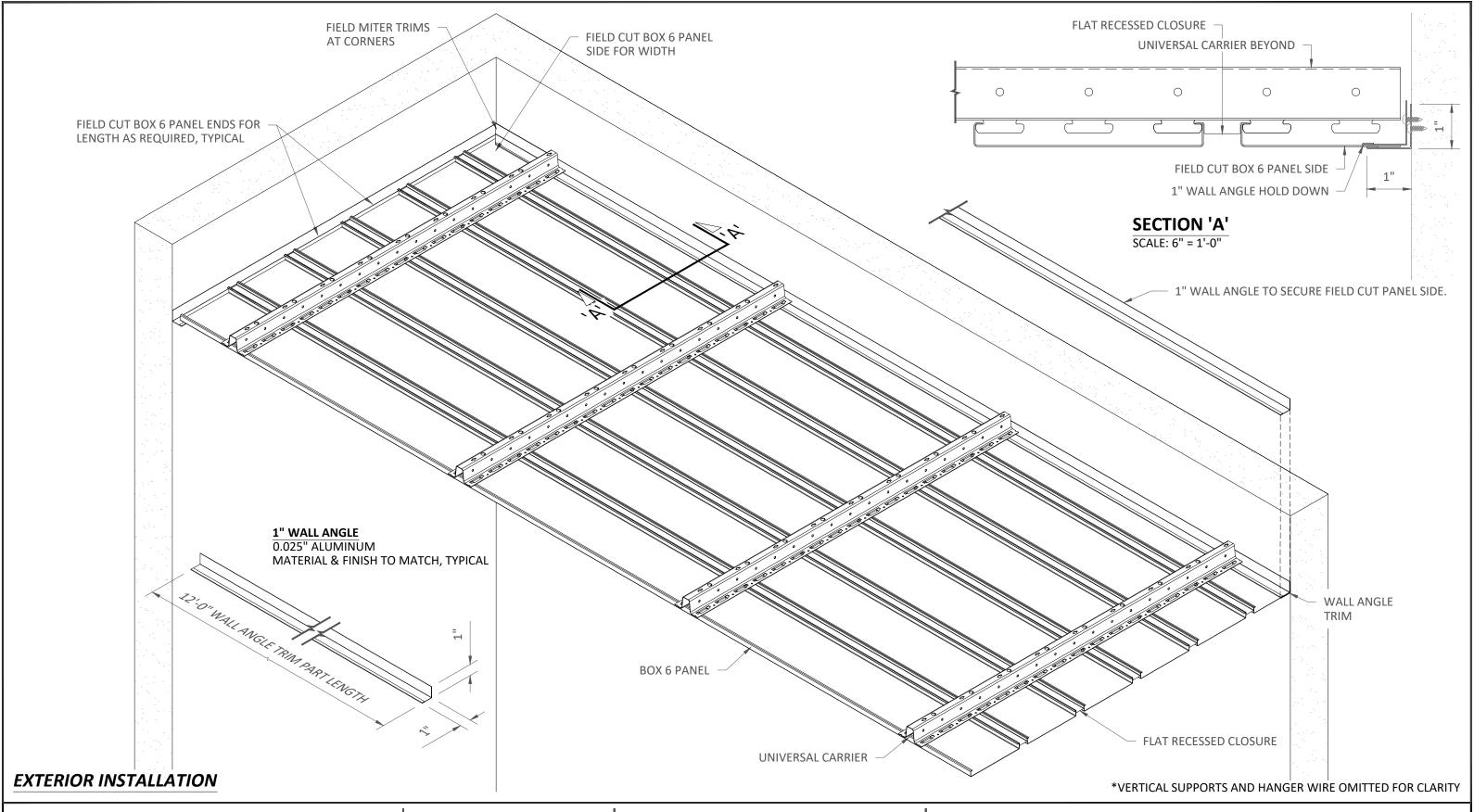
MATERIAL: .020" | .025" | .032" | .040" ALUMINUM BOX 6 PANEL | .040"

ALUMINUM UNIVERSAL CARRIER

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

## **UNIVERSAL CARRIER SPLICE**

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.5 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21







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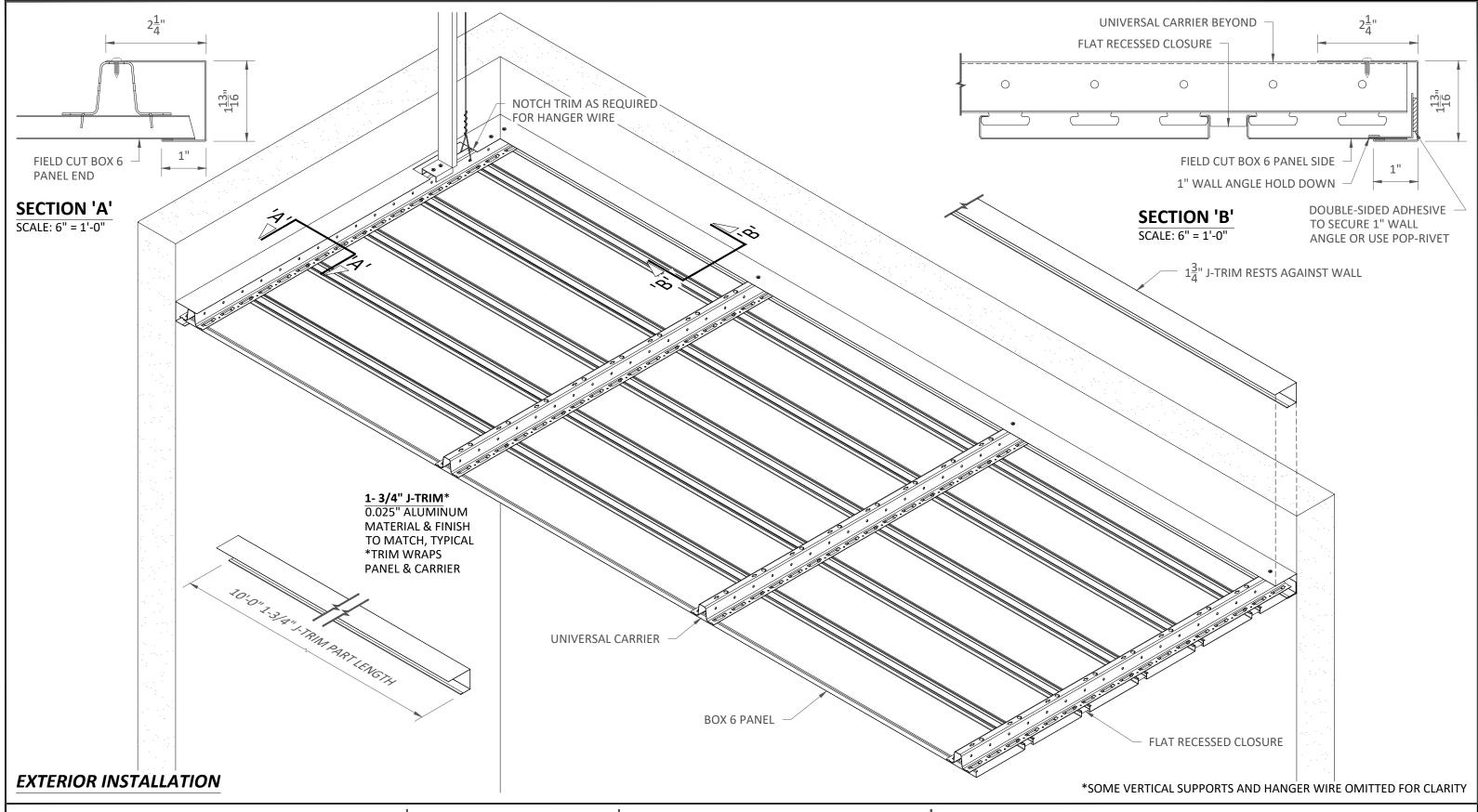
(unless noted otherwise)

MATERIAL: .020" | .025" | .032" | .040" ALUMINUM BOX 6 PANEL | .040" ALUMINUM UNIVERSAL CARRIER

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160

## WALL ANGLE TRIM

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.6 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21







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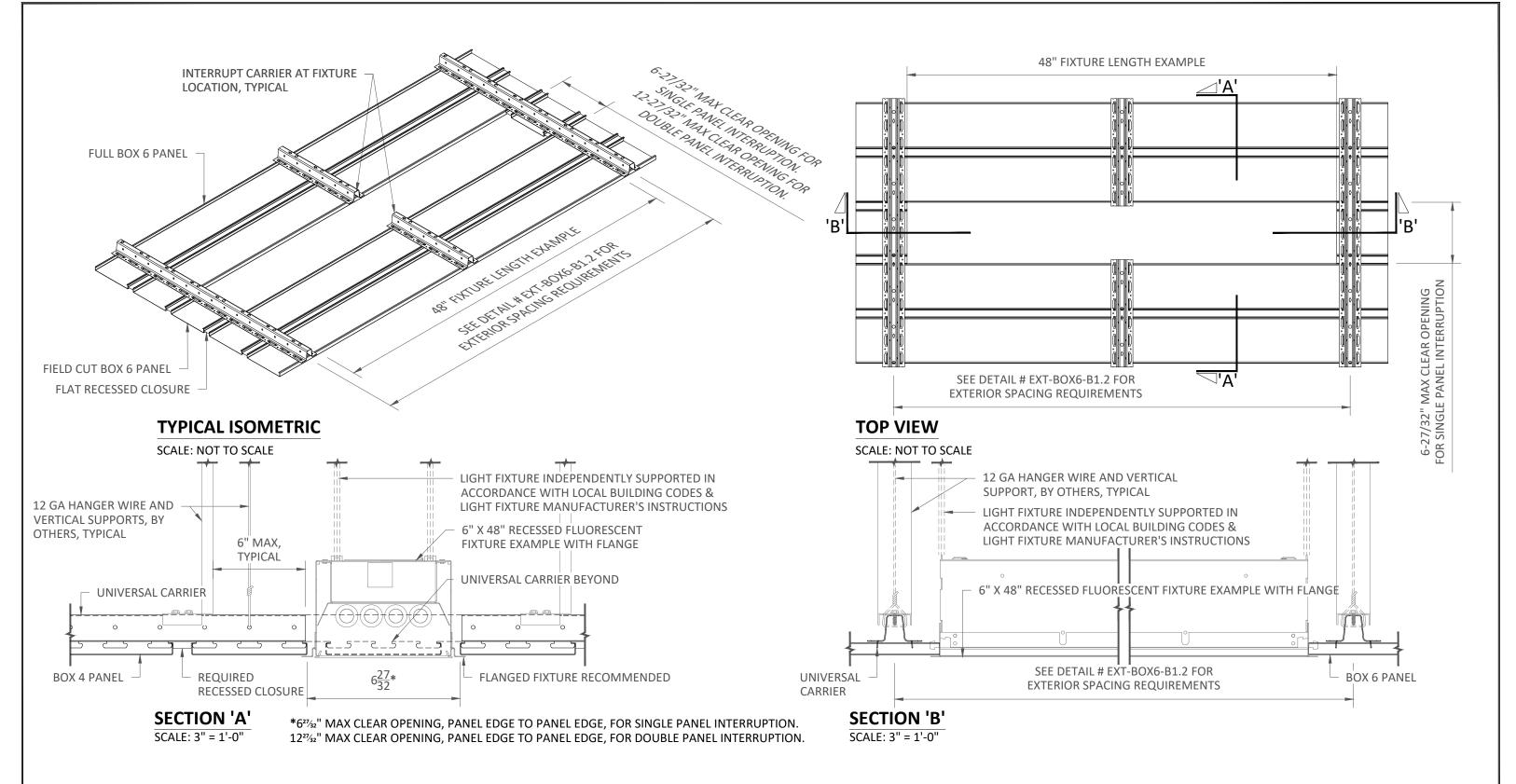
ALUMINUM UNIVERSAL CARRIER

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

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOT PERFORATION: NON-PERFORATED | #160

#### **FLOATING TRIM**

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.7 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21



# NOTE: FIXTURE WITH TRIM FLANGE NOT BY CERTAINTEED





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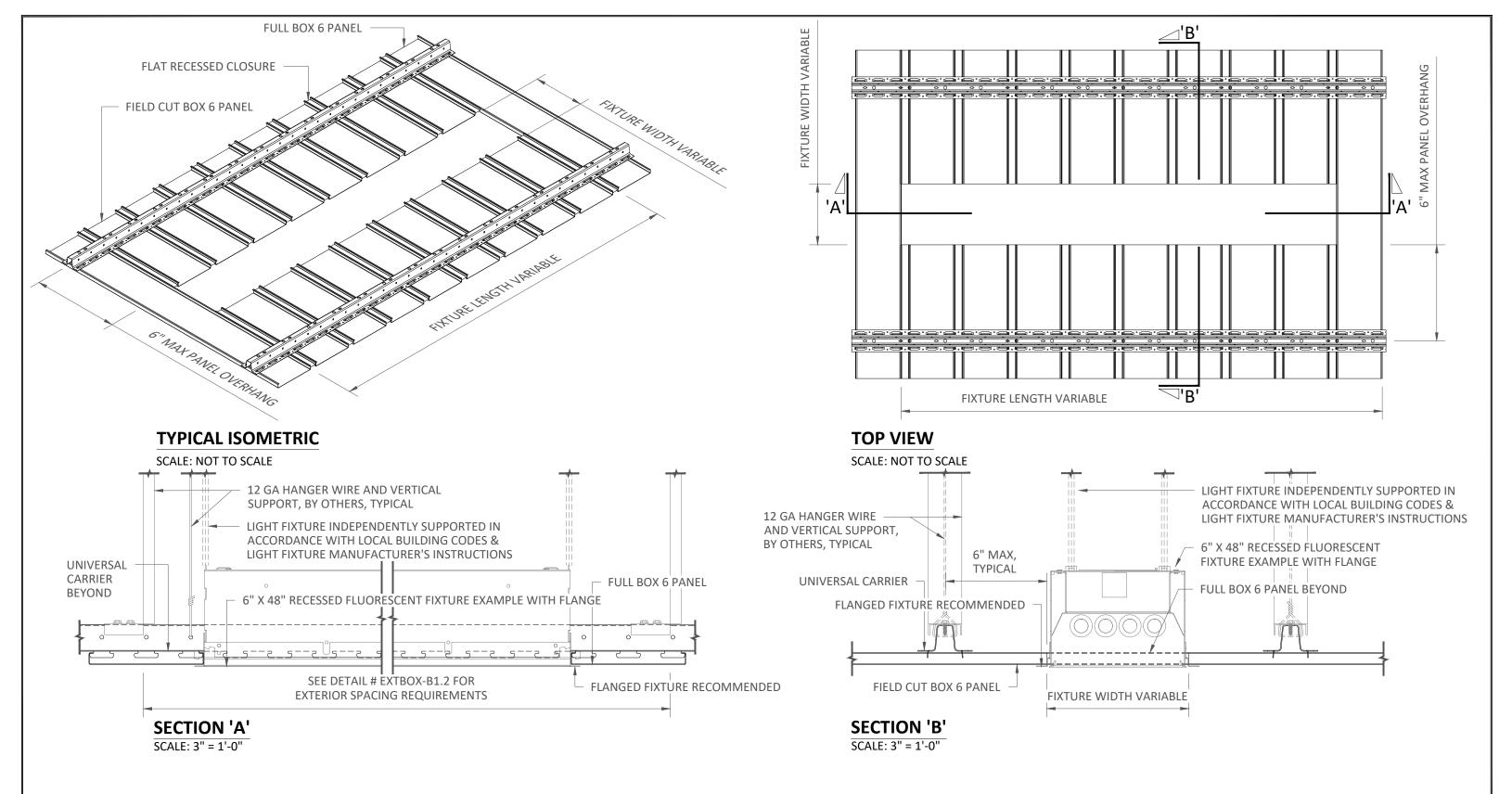
ALUMINUM UNIVERSAL CARRIER

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACC

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160

## INTERRUPTED PANEL FOR TYPICAL FIXTURE

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.8 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21



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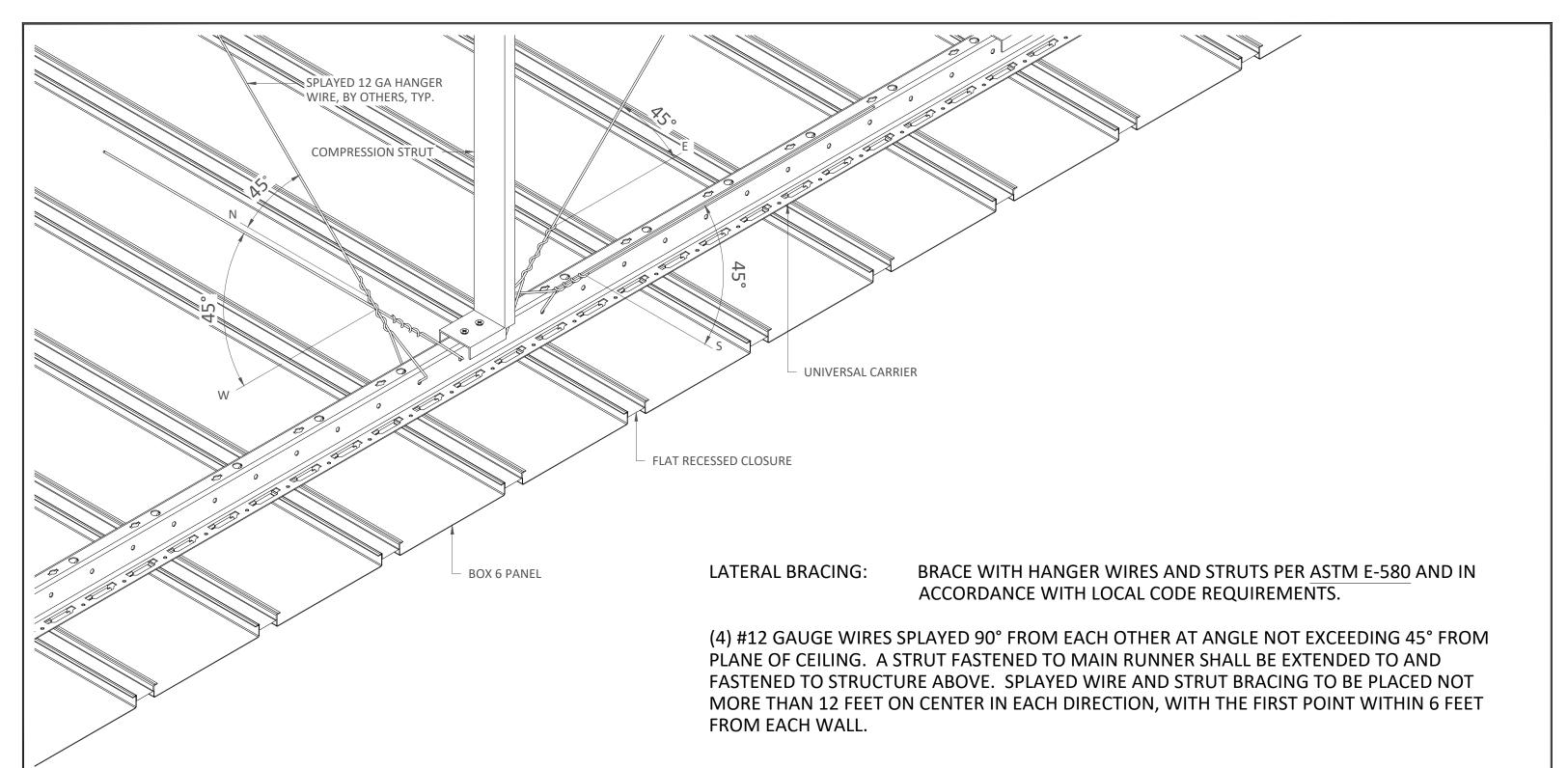
ALUMINUM UNIVERSAL CARRIER

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

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160

## FIELD CUT PANEL FOR TYPICAL FIXTURE

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX6-B1.9
SCALE: AS SHOWN
DRAWN BY: CTA ENGINEERING
DATE: 6/1/21



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#### SEISMIC SPECIFICATIONS

PROJECT: EXTERIOR BOX 6 PRODUCT SPECIFICATIONS DRAWING NUMBER: EXT-BOX6-B1.12 SCALE: AS SHOWN DRAWN BY: CTA ENGINEERING DATE: 6/1/21