PANEL SPAN VARIES DEPENDING ON DESIGN WIND PRESSURE
SEE DETAIL B1.2

PANEL LENGTH 3'-0" MIN - 16'-0" MAX (RECOMMENDED)

12 GA HANGER WIRE, BY OTHERS, NOT BY HUNTER DOUGLAS
SEE DETAIL B1.2

VERTICAL SUPPORT
SEE DETAIL B1.3

TYPICAL SYSTEM SECTION
SEE DETAIL 'A' THIS SHEET

12 GA HANGER WIRE, BY OTHERS, NOT BY HUNTER DOUGLAS
SEE DETAIL B1.2

PANEL ENDCAP
SEE DETAIL B1.5
ENDCAP NOT SHOWN FOR CLARITY

FLOATING TRIM
SEE DETAIL B1.8
TRIM NOT SHOWN FOR CLARITY

SUSPENSION REQUIREMENTS
SEE DETAIL B1.2

OVERALL ISOMETRIC VIEW
PROJECT: EXTERIOR LINEAR BOX 2 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-2-B1.0
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

UNIVERSAL CARRIER
UNIVERSAL CARRIER SPLICE
SEE DETAIL B1.6

EUROCARRIER
6'-MAX

TYPICAL BOX 2 SYSTEM
FLAT RECESSED CLOSURE
REQUIRED FOR EXTERIOR INSTALLATION

PANEL OVERHANG
6" MAX

CARRIER OVERHANG
6" MAX

6" MAX CARRIER OVERHANG @ SPLICE
SEE DETAILS B1.9 THROUGH B1.10 FOR FIXTURE OPENING RECOMMENDATIONS

ENDCAP NOT SHOWN FOR CLARITY

1" WALL ANGLE
SEE DETAIL B1.7

12 GA HANGER WIRE WITHIN 3" OF VERTICAL SUPPORT

DETAIL 'A'
SCALE: 3" = 1'-0"
FACTORY END & SIDE PANEL VIEW

SCALE: 3" = 1'-0"

1 3 4
SYSTEM HEIGHT

3'-0" MINIMUM PANEL LENGTH
16'-0" MAXIMUM RECOMMENDED PANEL LENGTH*
LONGER LENGTH PANELS AVAILABLE, CONTACT HUNTER DOUGLAS

FLAT RECESSED CLOSURE
REQUIRED FOR EXTERIOR INSTALLATION

1/2 PANEL WIDTH
1/2 PANEL HEIGHT
1/2 CLOSURE HEIGHT
1/2 FLAT RECESSED CLOSURE WIDTH

UNIVERSAL CARRIER
BOX 2 PANEL

3/8" FLAT RECESSED CLOSURE

*VIEW FROM BELOW

MATERIAL THICKNESS
BOX 2: .020" OR .025" ALUMINUM

PANEL FINISHES
PAINTED & POWDER COATED - INTERIOR & EXTERIOR
LUXACOTE - INTERIOR & EXTERIOR
DECORATED WOOD FINISH (POWDER COATED) - INTERIOR & EXTERIOR
NO PERFORATION AVAILABLE FOR BOX 2 PANEL

PANEL MATERIALS & FINISHES

SCALE: NOT TO SCALE

SPECIFICATIONS

(UNLESS NOTED OTHERWISE)

MATERIAL: .020" | .025" ALUMINUM BOX 2 PANEL | .040" ALUMINUM
UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
PERFORATION: NOT AVAILABLE

PROJECT: EXTERIOR LINEAR BOX 2 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-2-B1.1
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

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See Table 1 for max O.C. carrier spacing and carrier span.

Flat recessed closure required for exterior installation.

Universal carrier, .040" aluminum.

Vertical support 1/2" X 1-1/2" 16 ga galv. crc., max length 28". See note 3 drawing # extbox-2-B1.3 for vertical support requirements and equals.

 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 # EXTBOX2-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.

NOTE B: ALL PENETRATIONS IN CEILING TO BE FIELD LOCATED AND FIELD CUT. TRIM FOR THESE ITEMS NOT BY HUNTER DOUGLAS.

NOTE C: ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

Specifications (unless noted otherwise)

Material: .020" | .025" aluminum box 2 panel | .040" aluminum universal carrier

Finish (paint | powder coat) decorated wood finish | luxacote perforation not available

Exterior suspension specification

Project: exterior linear box 2 product specifications

Drawing number: ext-box-2-B1.2

Scale: as shown

Drawn by: hd engineering

Date: 12/7/18

Table 1 - Design Wind Load - Linear Box Exterior Ceiling System

<table>
<thead>
<tr>
<th>Design Wind Pressure (Positive or Negative PSF**)</th>
<th>Carrier Spacing * (Panel Span)</th>
<th>Carrier Span (Vertical Support Spacing)</th>
</tr>
</thead>
</table>
| 20 | 3'-4" | 1'-11"
| 25 | 3'-0" | 1'-10"
| 30 | 2'-8" | 1'-9"
| 35 | 2'-6" | 1'-8"
| 40 | 2'-4" | 1'-8"
**FLAT RECESSED CLOSURE**

**FLAT RECESSED CLOSURE REQUIRED FOR EXTERNAL INSTALLATION**

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

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

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

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

1/2" MAX

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

12 GA BRACKET GALV., NOT BY HUNTER DOUGLAS

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

**1/2" X 1-1/2" 16 GA GALV. CRC, MAX LENGTH OF 28"***

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

**UNIVERSAL CARRIER, .040" ALUMINUM, TYP.**

FLAT RECESSED CLOSURE REQUIRED FOR EXTERNAL INSTALLATION

**NOTE A:**

VERTICAL SUPPORT STRUTS (MINIMUM 1-1/2" 16 GA GALV. "C" CHANNEL OR EQUAL, MAX LENGTH OF 28"). SEE DRAWING # EXTBX02-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:

CLARKDIETRICH 250PDS125-33 (2-1/2" PROSTUD 33), MAX LENGTH OF 85"

CLARKDIETRICH 250PDT125-18 (2-1/2" PROTRAK 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:**

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

**NOTE C:**

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

**EXTERIOR INSTALLATION**

**SECTION 'A'**

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

**SPECIFICATIONS**

UNIVERSAL CARRIER

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

VERTICAL SUPPORT CLARKDIETRICH 250PDS125-33 (2-1/2" PROSTUD 33) OR EQUAL, MAX LENGTH 85", SEE NOTE A THIS SHEET FOR VERTICAL SUPPORT REQUIREMENTS

SEE TABLE 1 ON DRAWING # EXTBX02-B1.2 FOR MAX O.C. SPACING REQUIREMENTS

OR

OR

OR

FLAT RECESSED CLOSURE REQUIRED FOR EXTERNAL INSTALLATION

HUNTER DOUGLAS

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**EXTERIOR VERTICAL SUPPORT SPECIFICATION**

PROJECT: EXTERIOR LINEAR BOX 2 PRODUCT SPECIFICATIONS

DRAWING NUMBER: EXT-BOX-2-B1.3

SCALE: AS SHOWN

DRAWN BY: HD ENGINEERING

DATE: 12/7/18

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**FLAT RECESSED CLOSURE REQUIRED FOR EXTERIOR INSTALLATION**

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

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

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

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

1/2" MAX

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

12 GA BRACKET GALV., NOT BY HUNTER DOUGLAS

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

**1/2" X 1-1/2" 16 GA GALV. CRC, MAX LENGTH OF 28"***

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

**UNIVERSAL CARRIER, .040" ALUMINUM, TYP.**

FLAT RECESSED CLOSURE REQUIRED FOR EXTERNAL INSTALLATION

**NOTE A:**

VERTICAL SUPPORT STRUTS (MINIMUM 1-1/2" 16 GA GALV. "C" CHANNEL OR EQUAL, MAX LENGTH OF 28"). SEE DRAWING # EXTBX02-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:

CLARKDIETRICH 250PDS125-33 (2-1/2" PROSTUD 33), MAX LENGTH OF 85"

CLARKDIETRICH 250PDT125-18 (2-1/2" PROTRAK 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:**

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

**NOTE C:**

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

**EXTERIOR INSTALLATION**

**SECTION 'A'**

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

**SPECIFICATIONS**

UNIVERSAL CARRIER

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

VERTICAL SUPPORT CLARKDIETRICH 250PDS125-33 (2-1/2" PROSTUD 33) OR EQUAL, MAX LENGTH 85", SEE NOTE A THIS SHEET FOR VERTICAL SUPPORT REQUIREMENTS

SEE TABLE 1 ON DRAWING # EXTBX02-B1.2 FOR MAX O.C. SPACING REQUIREMENTS

OR

OR

FLAT RECESSED CLOSURE REQUIRED FOR EXTERNAL INSTALLATION

HUNTER DOUGLAS

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**NOTE 1:**
DO NOT SPLICE PANELS DIRECTLY BELOW UNIVERSAL CARRIERS.
PANEL SPLICES DO NOT FIT UNDER CARRIERS.

**NOTE 2:**
FIELD CUT PANELS AS REQUIRED TO CREATE A RANDOM STAGGERED SEAM PATTERN. AVOID ALIGNED SEAMS.
INSERT END CAP ONTO PANEL AND ENSURE SHEAR TABS ARE ORIENTED ON TOP OF PANEL

*VERTICAL SUPPORTS AND HANGER WIRE OMITTED FOR CLARITY

**SPECIFICATIONS**

MATERIAL: .020" | .025" ALUMINUM BOX 2 PANEL | .040" ALUMINUM UNIVERSAL CARRIER

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

PERFORATION: NOT AVAILABLE
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.

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.

**SPECIFICATIONS**

**MATERIAL**: 0.020" | 0.025" ALUMINUM BOX 2 PANEL | 0.040" ALUMINUM UNIVERSAL CARRIER

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

**PERFORATION**: NOT AVAILABLE

---

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**PROJECT**: EXTERIOR LINEAR BOX 2 PRODUCT SPECIFICATIONS

**DRAWING NUMBER**: EXT-BOX-2-B1.6

**SCALE**: AS SHOWN

**DRAWN BY**: HD ENGINEERING

**DATE**: 12/7/18
UNIVERSAL CARRIER BEYOND FIELD CUT BOX 2 PANEL SIDE
1" WALL ANGLE HOLD DOWN

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

1" WALL ANGLE TO SECURE FIELD CUT PANEL SIDE.

WALL ANGLE TRIM

FIELD CUT BOX 2 PANEL SIDE FOR WIDTH
FIELD MITER TRIMS AT CORNERS
FIELD CUT BOX 2 PANEL ENDS FOR LENGTH AS REQUIRED, TYPICAL

WALL ANGLE TRIM PROJECT:
EXTERIOR LINEAR BOX 2 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-2-B1.7
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

SPECIFICATIONS
(Unless noted otherwise)
MATERIAL: .020" | .025" ALUMINUM BOX 2 PANEL | .040" ALUMINUM
UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
PERFORATION: NOT AVAILABLE

EXTERIOR INSTALLATION

1" WALL ANGLE
0.025" ALUMINUM
MATERIAL & FINISH TO MATCH, TYPICAL

WALL ANGLE TRIM

FLAT RECESSED CLOSURE

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NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

INTERUPTED PANEL FOR TYPICAL FIXTURE
PROJECT: EXTERIOR LINEAR BOX 2 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-2-B1.9
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

MATERIAL: .020" | .025" ALUMINUM BOX 2 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NOT AVAILABLE

SPECIFICATIONS (unless noted otherwise)
NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

FIELD CUT PANEL FOR TYPICAL FIXTURE
PROJECT: EXTERIOR LINEAR BOX 2 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-2-B1.10
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

SPECIFICATIONS
(UNLESS NOTED OTHERWISE)
MATERIAL: .020" | .025" ALUMINUM BOX 2 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION NOT AVAILABLE

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NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS
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.