UNIVERSAL CARRIER
8" FLAT RECESSED CLOSURE
REQUIRED FOR EXTERIOR INSTALLATION

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

SUSPENSION REQUIREMENTS
SEE DETAIL B1.2

PANEL OVERHANG 6" MAX
SEE DETAIL B1.4

PANEL SPICE
SEE DETAIL B1.4

PANEL LENGTH 3'-0" MIN - 16'-0" MAX (RECOMMENDED)
NOTE PANEL SPAN VARIES DEPENDING ON DESIGN WIND PRESSURE
SEE DETAIL B1.2

CARRIER OVERHANG 6" MAX
SEE DETAIL B1.2

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

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

3.2 GA HANGER WIRE WITHIN 3" OF VERTICAL SUPPORT
SEE DETAIL B1.3

VERTICAL SUPPORT
SEE DETAIL B1.3

TYPICAL SYSTEM SECTION
SEE DETAIL 'A' THIS SHEET

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

OVERALL ISOMETRIC VIEW
PROJECT: EXTERIOR LINEAR BOX 8 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-8-B1.0
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

SPECIFICATIONS
(Unless noted otherwise)
MATERIAL: .032" | .040" ALUMINUM BOX 8 PANEL | .040" ALUMINUM
UNIVERSAL CARRIER
FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
PERFORATION: NON-PERFORATED | #160

EXTERIOR INSTALLATION

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UNIVERSAL CARRIER SPLICE
SEE DETAIL B1.6

FLAT PANEL END CAP
SEE DETAIL B1.5
ENDCAP NOT SHOWN FOR CLARITY

1" WALL ANGLE
SEE DETAIL B1.7

BOX 8 PANEL
SEE DETAIL B1.1
FACTORY END & SIDE PANEL VIEW

SCALE: 3" = 1'-0"

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

*PANEL LENGTHS AVAILABLE IN ± 1/8" TOLERANCE, MINIMUM QUANTITIES MAY APPLY

MATERIAL THICKNESS
BOX 8: .032" OR .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"

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SPECIFICATIONS
(MATERIAL: .032" | .040" ALUMINUM BOX 8 PANEL | .040" ALUMINUM UNIVERSAL CARRIER FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160)

PANEL SPECIFICATION
PROJECT: EXTERIOR LINEAR BOX 8 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-8-B1.1
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18
### EXTERIOR INSTALLATION

**FLAT RECESSED CLOSURE REQUIRED FOR EXTERIOR INSTALLATION**

**DESIGN WIND PRESSURE**
- **POSITIVE OR NEGATIVE PSF**
- **PANEL SPAN**
- **CARRIER SPACING**
- **CARRIER SPAN**
  - **VERTICAL SUPPORT SPACING**

- **Pounds per Square Foot**
  - 20
  - 25
  - 30
  - 35
  - 40
  - 50

- **2'-0"**
- **2'-1"**
- **2'-2"**
- **2'-4"**
- **2'-6"**

**NOTE A:**
- Carrier spacing (Panel Span) and Carrier Span (Hanger Wire & Vertical Support Span) 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 # EXTBX8-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.

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

<table>
<thead>
<tr>
<th>PANEL TYPE:</th>
<th>.032&quot; OR .040&quot; ALUMINUM, BOX 8 PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARRIER TYPE:</td>
<td>.040&quot; ALUMINUM UNIVERSAL CARRIER</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ALLOWABLE CARRIER SPACING (PANEL SPAN)</th>
<th>ALLOWABLE CARRIER SUPPORT SPACING (HANGER WIRE/VERTICAL SUPPORT SPACING)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NOTE:</strong> Carrier spacing based on using 3 or more carriers</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Pounds per Square Foot</strong></th>
<th><strong>CARRIER SPACING</strong></th>
<th><strong>CARRIER SPAN</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>2'-6&quot;</td>
<td>2'-4&quot;</td>
</tr>
<tr>
<td>25</td>
<td>2'-2&quot;</td>
<td>2'-1&quot;</td>
</tr>
<tr>
<td>30</td>
<td>2'-0&quot;</td>
<td>2'-4&quot;</td>
</tr>
<tr>
<td>35</td>
<td>1'-10&quot;</td>
<td>2'-4&quot;</td>
</tr>
<tr>
<td>40</td>
<td>1'-8&quot;</td>
<td>1'-8&quot;</td>
</tr>
<tr>
<td>50</td>
<td>1'-5&quot;</td>
<td>1'-8&quot;</td>
</tr>
</tbody>
</table>

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

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

FLAT RECESSED CLOSURE

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

VERTICAL SUPPORT STRUTS (MINIMUM 1-1/2" 16 GA GALV. "C" CHANNEL OR EQUAL, MAX LENGTH OF 28''), SEE DRAWING # EXTBOX8-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 ***

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

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

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

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

BOX 8 PANEL

UNIVERSAL CARRIER

FLAT RECESSED CLOSURE

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

BOX 8 PANEL, .032" OR .040" ALUMINUM REQUIRED FOR EXTERIOR INSTALLATION

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

NOTE A:
VERTICAL SUPPORT SPECIFICATION
PROJECT: EXTERIOR LINEAR BOX 8 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-8-B1.3
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

SPECIFICATIONS
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MATERIAL: .032 | .040 ALUMINUM BOX 8 PANEL | .040 ALUMINUM UNIVERSAL CARRIER
FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #180

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

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.

SPECIFICATIONS

MATERIAL: .032" | .040" ALUMINUM BOX 8 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #180

PANEL SPLICE SPECIFICATION

PROJECT: EXTERIOR LINEAR BOX 8 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-8-B1.4
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

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

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

*VERTICAL SUPPORTS AND HANGER WIRE OMITTED FOR CLARITY
INSERT END CAP ONTO PANEL AND ENSURE SHEAR TABS ARE ORIENTED ON TOP OF PANEL

SPECIFICATIONS (unless noted otherwise)

MATERIAL: .032" | .040" ALUMINUM BOX 8 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #180

PANEL END CAP
PROJECT: EXTERIOR LINEAR BOX 8 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-B-B1.5
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

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

*VERTICAL SUPPORTS AND HANGER WIRE OMITTED FOR CLARITY
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 'A'
SCALE: 3" = 1'-0"

SECTION 'B'
SCALE: FULL (1:1)
FIELD MITER TRIMS AT CORNERS
FIELD CUT BOX 8 PANEL SIDE FOR WIDTH
FIELD CUT BOX 8 PANEL ENDS FOR LENGTH AS REQUIRED, TYPICAL

FIELD CUT BOX 8 PANEL SIDE

1" WALL ANGLE TO SECURE FIELD CUT PANEL SIDE.

1" WALL ANGLE HOLD DOWN

WALL ANGLE TRIM

BOX 8 PANEL

UNIVERSAL CARRIER

FLAT RECESS CLOSURE

SECTION 'A'

SCALE: 6" = 1'-0"

1" WALL ANGLE TRIM PART LENGTH

MATERIAL & FINISH TO MATCH, TYPICAL

SPECIFICATIONS (unless noted otherwise)

MATERIAL: .032" | .040" ALUMINUM BOX 8 PANEL | .040" ALUMINUM UNIVERAL CARRIER

FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #180

WALL ANGLE TRIM

PROJECT: EXTERIOR LINEAR BOX 8 PRODUCT SPECIFICATIONS

DRAWING NUMBER: EXT-BOX-8-B1.7

SCALE: AS SHOWN

DRAWN BY: HD ENGINEERING

DATE: 12/7/18

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EXTERIOR INSTALLATION

FLAT RECESS CLOSURE

*VERTICAL SUPPORTS AND HANGER WIRE OMITTED FOR CLARITY
NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

SPECIFICATIONS
(unless noted otherwise)

MATERIAL: .032" | .040" ALUMINUM

UNIVERSAL CARRIER
FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
PERFORATION: NON-PERFORATED | #160

INTERRUPTED PANEL FOR TYPICAL FIXTURE
PROJECT: EXTERIOR LINEAR BOX 8 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-8-B1.9
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

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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.