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

1. PANEL OVERHANG 6" MAX
   SEE DETAIL B1.2

2. PANEL LENGTH 3'-0" MIN - 16'-0" MAX (RECOMMENDED)
   SEE DETAIL B1.1

3. PANEL SPICE
   SEE DETAIL B1.4

4. VERTICAL SUPPORT
   SEE DETAIL B1.3

5. UNIVERSAL CARRIER SPICE
   SEE DETAIL B1.6

6. DEEP BOX 8 PANEL
   SEE DETAIL B1.1

7. SUSPENSION REQUIREMENTS
   SEE DETAIL B1.2

8. 1" WALL ANGLE
   SEE DETAIL B1.7

9. FLOATING TRIM
   SEE DETAIL B1.8

10. PANEL END CAP
    SEE DETAIL B1.5

OVERALL ISOMETRIC VIEW
PROJECT: EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS
DRAWING NUMBER: EXT-DEEP-BOX-8-B1.0
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/11/2018
FACTORY END & SIDE PANEL VIEW

SCALE: 3" = 1'-0"

2" SYSTEM HEIGHT

3'-0" MINIMUM PANEL LENGTH

16'-0" MAXIMUM RECOMMENDED PANEL LENGTH*

LONGER LENGTH PANELS AVAILABLE, CONTACT HUNTER DOUGLAS

FLAT RECESSION CLOSURE REQUIRED FOR EXTERIOR INSTALLATION

1/4" CLOSURE HEIGHT

3/8" FLAT RECESSION CLOSURE WIDTH

7/8" PANEL WIDTH

7/8" PANEL HEIGHT

UNIVERSAL CARRIER

DEEP BOX 8 PANEL

*VIEW FROM BELOW

MATERIAL THICKNESS

DEEP BOX 8: .032" OR .040" ALUMINUM

PANEL FINISHES

PAINTED & POWDER COATED - INTERIOR & EXTERIOR

LUXACOTE - INTERIOR & EXTERIOR

DECORATED WOOD FINISH (POWDER COATED) - INTERIOR & EXTERIOR

PANEL MATERIALS & FINISHES

SCALE: NOT TO SCALE

SPECIFICATIONS

(Unless noted otherwise)

MATERIAL: .032" OR .040" ALUMINIUM DEEP BOX 8 PANEL
UNIVERSAL CARRIER
FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
PERFORATION NOT AVAILABLE

PANEL SPECIFICATION

PROJECT: EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS
DRAWING NUMBER: EXT-DEEP-BOX-8-B1.1
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/11/2018
**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**

- 2'-6" 1'-6" 1'-0" 2'-11" 2'-3" 2'-2" 2'-0" 1'-10" 1'-8" 1'-7" 2'-4"

**NOTE:** CARRIER SPACING BASED ON USING 3 OR MORE ROWS OF CARRIER. MAXIMUM PANEL OVERHANG = 6".

**VERTICAL SUPPORT**

- 1/2" X 1-1/2" 16 GA GALV. CRC, MAX LENGTH 28". SEE NOTE 3 DRAWING # EXTBOX-B1.3 FOR VERTICAL SUPPORT SPECIFICATION.

**ALREADY PROVIDED FOR EXTERIOR**

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

**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 CARRIERS. MAXIMUM PANEL 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 # EXTBOX-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.

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

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

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

| PANEL TYPE: | .032" OR .040" ALUMINUM, DEEP BOX 8 PANEL |
| CARRIER TYPE: | .040" ALUMINUM, UNIVERSAL CARRIER |

| ALLOWABLE CARRIER SPACING (PANEL SPAN) | ALLOWABLE CARRIER SUPPORT SPACING (HANGER WIRE/VERTICAL SUPPORT SPACING) |
| **POUNDS PER SQUARE FOOT** | **POUND SPAN** | **POUND SPAN** |
| DESIGN WIND PRESSURE | CARRIER SPACING * (PANEL SPAN) | CARRIER SPAN (VERTICAL SUPPORT SPACING) |
| (POSITIVE OR NEGATIVE PSF**) | 20 | 2'-6" | 2'-4" |
| | 25 | 2'-2" | 2'-1" |
| | 30 | 2'-0" | 2'-4" |
| | 35 | 1'-10" | 2'-4" |
| | 40 | 1'-8" | 2'-4" |
| | 50 | 1'-5" | 1'-8" |

**NOTE:** CARRIER SPACING BASED ON USING 3 OR MORE CARRIERS.
**NOTE A:**
Vertical support struts (minimum 1-1/2" 16 GA galv. "C" channel or equal, max length of 28"), see drawing # EXTDBOX8-81.2 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.

**DEEP BOX 8 PANEL**
- .032" or .040" aluminum required for external installation

**FLAT RECESSED CLOSURE**

**UNIVERSAL CARRIER**
- .040" aluminum, typ.

**SECTION 'A'**
Scale: 3" = 1'-0"

**SPECIFICATIONS**
Material: .032" | .040" aluminum deep box 8 panel | .040" aluminum universal carrier
Finish: Paint | Powder coat | Decorated wood finish | Luxacote
Perforation: Not available

**PROJECT:** EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS
**DRAWING NUMBER:** EXT-DEEP-BOX-8-B1.3
**SCALE:** AS SHOWN
**DRAWN BY:** HD ENGINEERING
**DATE:** 12/11/2018
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.

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

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

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**SPECIFICATIONS**

PROJECT: EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS
DRAWING NUMBER: EXT-DEEP-BOX-8-B1.4
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/11/2018

**MATERIAL:** 0.032" | 0.040" ALUMINUM DEEP BOX 8 PANEL | 0.040" ALUMINUM UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
PERFORATION: NOT AVAILABLE

**DRAWING:**
- DEEP BOX 8 PANEL
- DEEP BOX 8 PANEL SPlice
- UNIVERSAL CARRIER
- FLAT RECESSED CLOSURE
- UNIVERSAL CARRIER BEYOND
- PANEL SEAM

---

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

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

DEEP BOX 8 PANEL
UNIVERSAL CARRIER
DEEP BOX 8 END CAP

UNIVERSAL CARRIER
DEEP BOX 8 END CAP
DEEP BOX 8 PANEL

*VERTICAL SUPPORTS AND HANGER WIRE OMITTED FOR CLARITY

SPECIFICATIONS (unless noted otherwise)
MATERIAL: .032" | .040" ALUMINUM DEEP BOX 8 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NOT AVAILABLE

PANEL END CAP
PROJECT: EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS
DRAWING NUMBER: EXT-DEEP-BOX-8-B1.5
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/11/2018

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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'

SECTION 'B'

SCALE: FULL (1:1)

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

16 GA GALV. CRC OR EQUAL, MAX LENGTH 28", SEE NOTE A ON DRAWING # EXTDBOX8-B1.3 FOR VERTICAL SUPPORT REQUIREMENTS

VERTICAL SUPPORT 1/2" X 1-1/2"

6" MAX AT CARRIER SPLICE, TYPICAL

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

6" MAX AT CARRIER SPLICE, TYPICAL

UNIVERSAL CARRIER SPLICE

UNIVERSAL CARRIER

UNIVERSAL CARRIER SPLICE

UNIVERSAL CARRIER

SEE TABLE 1 ON DRAWING # EXTDBOX8-B1.2 FOR MAX O.C. SPACING REQUIREMENTS, TYPICAL

6" MAX AT CARRIER SPLICE, TYPICAL

UNIVERSAL CARRIER SPlice

UNIVERSAL CARRIER

SNAP SPLICE TABS INTO UNIVERSAL CARRIER

SPECIFICATIONS

MATERIAL: 12 GA ALUMINUM DEEP BOX 8 PANEL | 14 GA ALUMINUM UNIVERSAL CARRIER

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

PERFORATION: NOT AVAILABLE

UNIVERSAL CARRIER SPLICE

PROJECT: EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS

DRAWING NUMBER: EXT-DEEP-BOX-8-B1.6

SCALE: AS SHOWN

DRAWN BY: HD ENGINEERING

DATE: 12/11/2018

EXTERIOR INSTALLATION

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**EXTERIOR INSTALLATION**

**SECTION 'A'**

SCALE: 6" = 1'-0"

- **FIELD CUT DEEP BOX 8 PANEL END**
- **1" WALL ANGLE HOLD DOWN**
- **DOUBLE-SIDED ADHESIVE TO SECURE 1" WALL ANGLE OR USE POP-RIVET**

**SECTION 'B'**

SCALE: 6" = 1'-0"

- **FIELD CUT DEEP BOX 8 PANEL SIDE**
- **SCALE: AS SHOWN**
- **DRAWN BY: HD ENGINEERING**
- **DATE: 12/11/2018**

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**SPECIFICATIONS**

**MATERIAL:**
- .032" | .040" ALUMINUM DEEP BOX 8 PANEL | .040" ALUMINUM UNIVERSAL CARRIER

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

**PERFORATION:**
- NOT AVAILABLE

**2 5/8 FLOOR LINER DEEP BOX 8 SPECIFICATIONS**

**PROJECT:** EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS

**DRAWING NUMBER:** EXT-DEEP-BOX-8-81.8

**SCALE:** AS SHOWN

**DRAWN BY:** HD ENGINEERING

**DATE:** 12/11/2018
NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

TYPICAL ISOMETRIC
SCALE: NOT TO SCALE

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

*8-7/8" MAX CLEAR OPENING, PANEL EDGE TO PANEL EDGE, FOR SINGLE PANEL INTERRUPTION.

*16-7/8" MAX CLEAR OPENING, PANEL EDGE TO PANEL EDGE, FOR DOUBLE PANEL INTERRUPTION.

NOTE:

- LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS
- 8" X 48" RECESSED FLUORESCENT FIXTURE EXAMPLE WITH FLANGE
- UNIVERSAL CARRIER BEYOND
- FLANGED FIXTURE RECOMMENDED DEEP BOX 8 PANEL
- REQUIRED RECESSED CLOSURE
- 12 GA HANGER WIRE AND VERTICAL SUPPORTS, BY OTHERS, TYPICAL
- DEEP BOX 8 PANEL

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

NOTE:

- LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS
- 8" X 48" RECESSED FLUORESCENT FIXTURE EXAMPLE WITH FLANGE
- UNIVERSAL CARRIER
- FLANGED FIXTURE RECOMMENDED DEEP BOX 8 PANEL
- REQUIRED RECESSED CLOSURE
- 12 GA HANGER WIRE AND VERTICAL SUPPORT, BY OTHERS, TYPICAL
- DEEP BOX 8 PANEL

SPECIFICATIONS

- MATERIAL: .032" | .040" ALUMINUM DEEP BOX 8 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
- FINISH (PAINT): POWDER COAT | DECORATED WOOD FINISH | LUXACOTE
- PERFORATION: NOT AVAILABLE

PROJECT: EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS
DRAWING NUMBER: EXT-DEEP-BOX-8-B1.9
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/11/2018
FIELD CUT PANEL FOR TYPICAL FIXTURE

PROJECT: EXTERIOR LINEAR DEEP BOX 8 SPECIFICATIONS
DRAWING NUMBER: EXT-DEEP-BOX-8-B1.10
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/11/2018

NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

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

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

FiXURE WIDTH VARIES

FIELD CUT DEEP BOX 8 PANEL

8" X 48" RECESSED FLUORESCENT FIXTURE EXAMPLE WITH FLANGE

SEE DETAIL # EXTDBOX8-B1.2 FOR EXTERIOR SPACING REQUIREMENTS

FIELD CUT DEEP BOX 8 PANEL BEYOND

FLANGED FIXTURE RECOMMENDED

12 GA HANGER WIRE AND VERTICAL SUPPORT, BY OTHERS, TYPICAL

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

FULL DEEP BOX 8 PANEL

8" X 48" RECESSED FLUORESCENT FIXTURE EXAMPLE WITH FLANGE

FIELD CUT DEEP BOX 8 PANEL

FLANGED FIXTURE RECOMMENDED

12 GA HANGER WIRE AND VERTICAL SUPPORT, BY OTHERS, TYPICAL

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

6" MAX PANEL OVERHANG

FULL DEEP BOX 8 PANEL

FLANGED FIXTURE RECOMMENDED

12 GA HANGER WIRE AND VERTICAL SUPPORT, BY OTHERS, TYPICAL

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

6" MAX PANEL OVERHANG

FULL DEEP BOX 8 PANEL

FLANGED FIXTURE RECOMMENDED

12 GA HANGER WIRE AND VERTICAL SUPPORT, BY OTHERS, TYPICAL

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

FLAT RECESSED CLOSURE

6" MAX PANEL OVERHANG

FLANGED FIXTURE RECOMMENDED

NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

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

TYPICAL ISOMETRIC
SCALE: NOT TO SCALE

12 GA HANGER WIRE AND VERTICAL SUPPORT, BY OTHERS, TYPICAL

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

FULL DEEP BOX 8 PANEL

FLANGED FIXTURE RECOMMENDED

6" MAX PANEL OVERHANG

FLAT RECESSED CLOSURE

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MATERIAL: .032" | .040" ALUMINUM DEEP BOX 8 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH (PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION NOT AVAILABLE

SPECIFICATIONS (unless noted otherwise)
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.