

# busSTRUT Shop Drawing Set

## Express Rectangle (Medium) - Lights & Power Drops

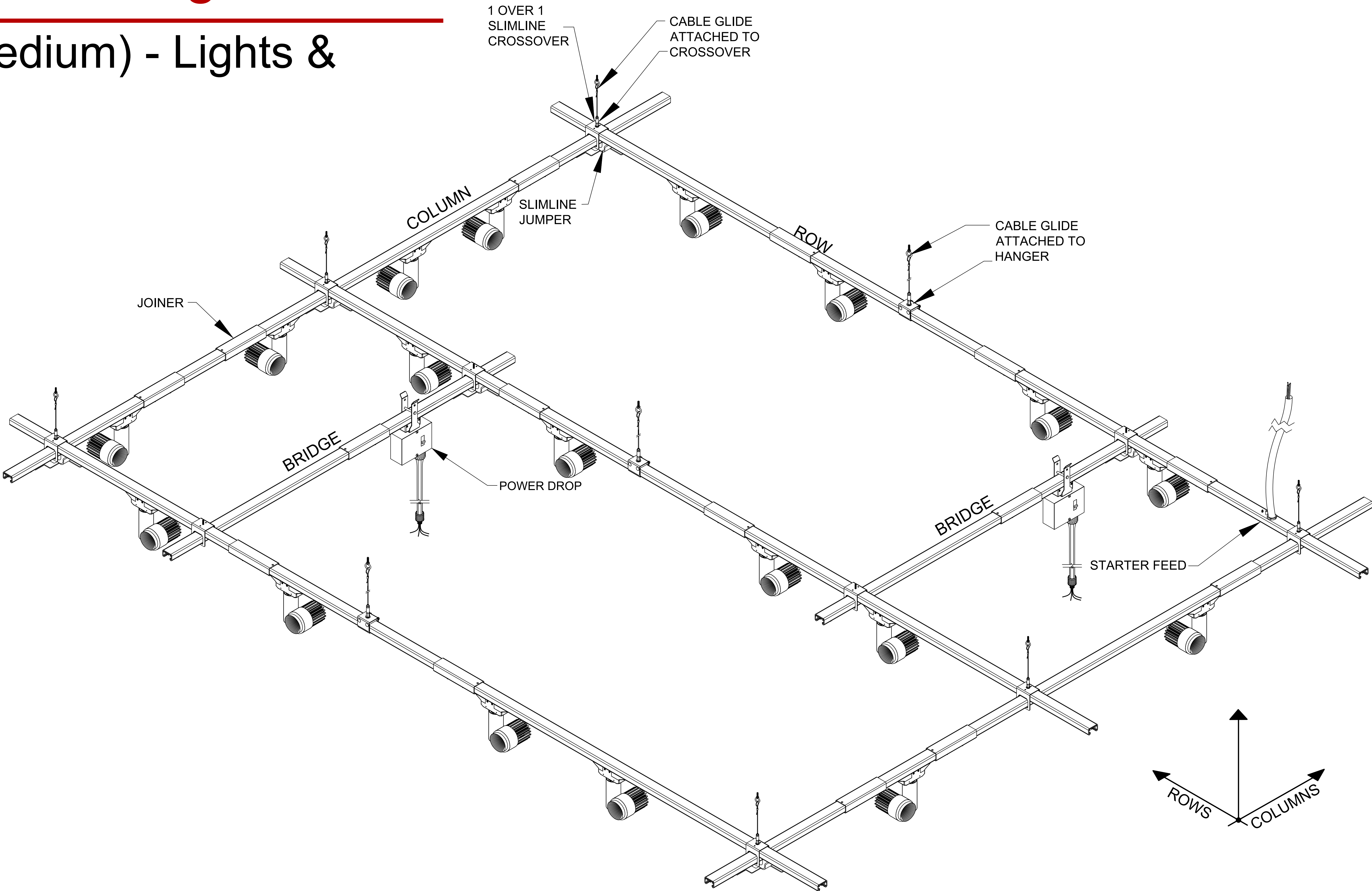
**busSTRUT SHOP DRAWING SET (ONLY)**  
NOT A REPLACEMENT FOR ARCHITECTURAL/ENGINEERING/  
ELECTRICAL SPECIFICATIONS. (DEFER TO THEIR DRAWINGS)

**CONTRACTOR RESPONSIBILITIES**

- CONTRACTOR IS RESPONSIBLE FOR:
- 1.- FOLLOWING busSTRUT CONFIGURATION MOUNTING POINT RULES.
  - 2.- REFERRING TO ARCHITECTURAL PLANS FOR PLACEMENT OF LIGHTS.
  - 3.- REFERRING TO ELECTRICAL PLANS FOR POWER DISTRIBUTION AND ELECTRICAL CONNECTION REQUIREMENTS.

**CONNECTION TO STRUCTURE**

ATTACHMENT FROM busSTRUT SYSTEM TO STRUCTURE  
MUST BE ENGINEERED AND INSTALLED TO PROPERLY  
SUPPORT THE ENTIRE SUSPENDED WEIGHT.



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|                |                                                    |  |                                                                                                                                                                                                                                                                                 |                 |
|----------------|----------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| E-b01<br>E-b02 | Typical Installation Instructions                  |  | <b>KEY MOUNTING RULES</b><br><br>Rows are to be mounted on top of Columns.<br>Crossover sleeve runs with Rows.<br><br><br><br><br><br><b>Legend</b><br><br>busSTRUT 20 / Single Deck<br><br>30" Starter Feed<br><br>Joiner<br><br>1/1 Slimline Crossover<br><br>Slimline Jumper | <b>APPROVAL</b> |
| E-b1<br>E-b2   | Lighting Plan, BOM, & Labor Hours<br>Assembly Plan |  |                                                                                                                                                                                                                                                                                 |                 |

bs

busSTRUT

805 Hillside Road  
Suite C  
Westerville, OH  
43081  
TEL: 614.933.8895  
E-MAIL: [info@busSTRUT.com](mailto:info@busSTRUT.com)  
WWW.BUSSTRUT.COM

Principal Engineer

LARRY GELLERT

Checked By

JOHN LOCH

Drawn By

JOHN LOCH

Issue Date

11/01/2024

Issued For

BID/REVIEW

busSTRUT  
SHOP DRAWING SET(ONLY)  
NOT A REPLACEMENT FOR  
ARCHITECTURAL /  
ENGINEERING OR ELECTRICAL  
DRAWINGS

XX

BT

XXXX

REVISION DESCRIPTION

XX-XX-XX

DATE

XX

NO.

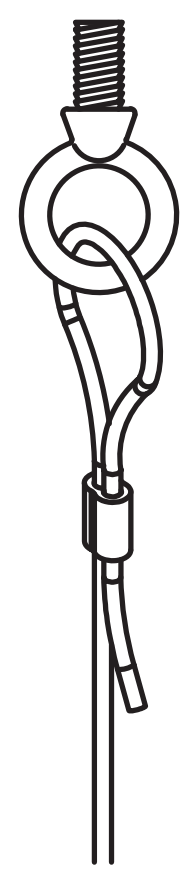
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ARCH E (48x36)

NOT TO SCALE

COVER SHEET

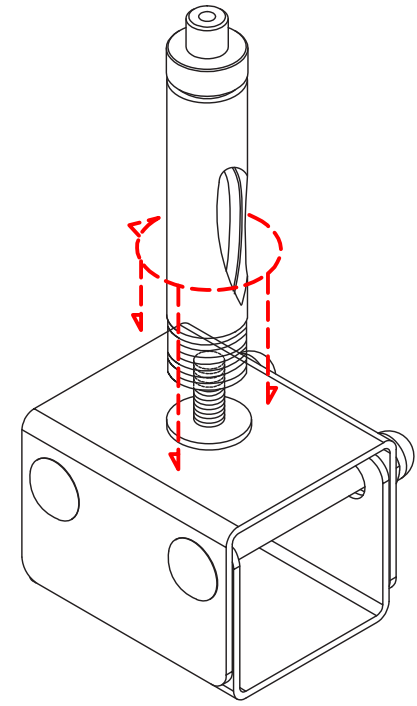
# STEP 1

## SUSPENDING busSTRUT



### 1 SUSPEND CABLES (CG-XX) ATTACH CABLE ASSEMBLY to STRUCTURE

\*It is the contractor and/or engineer's responsibility  
to determine correct connection to structure (beam  
clamp, etc).

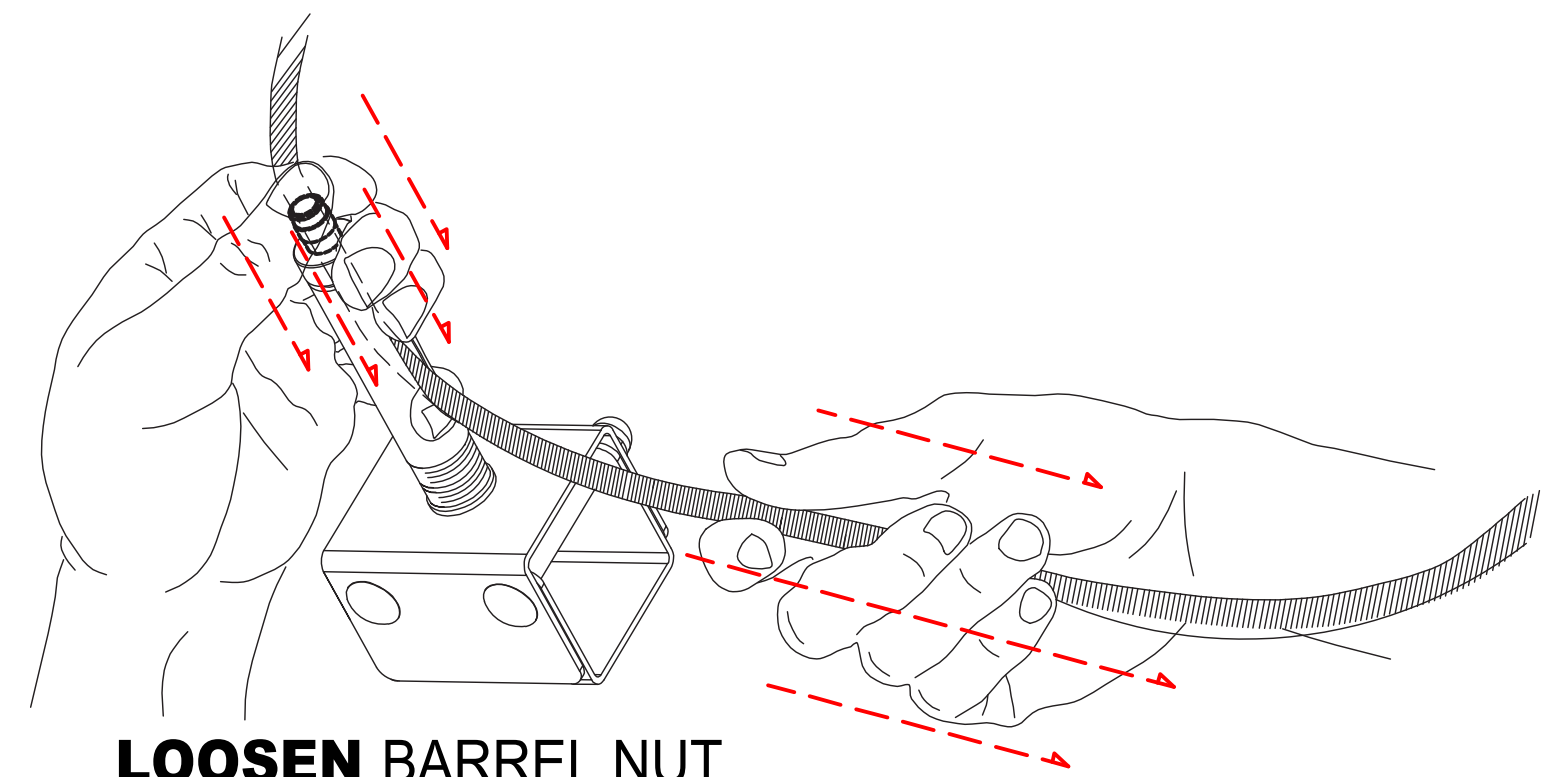
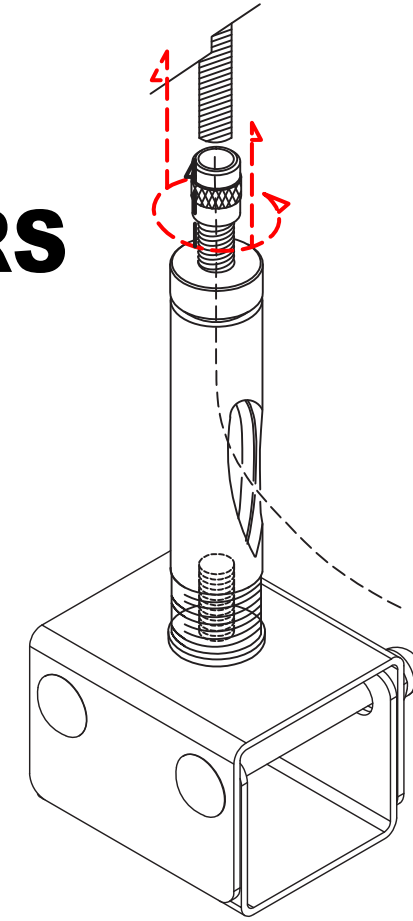


### 2 ASSEMBLE HANGERS (HM-S)

ASSEMBLE HANGERS AND  
ATTACH CABLE GLIDE

### 3 ATTACH HANGERS TO CABLES (CG-XX)

FEED CABLES THROUGH  
GLIDE TO ATTACH



LOOSEN BARREL NUT  
PUSH CABLE THROUGH  
PULL CABLE FOR SLACK

## SLIDE busSTRUT THROUGH SUSPENDED HANGERS

**Assemble**  
Create cable suspended runs of  
busSTRUT. Usually, these are  
running perpendicular to structural  
joists. Insert busSTRUT lengths  
through hangers/crossovers  
working from FINISHED HEIGHT.

FINISHED HEIGHT

\*It is the contractor and/or engineer's responsibility  
to determine correct connection to structure (beam  
clamp, etc).

## LEVEL busSTRUT AND TRIM CABLE

FINISHED HEIGHT

BE SURE TO FOLLOW  
busSTRUT MOUNTING  
RULES (SEE busSTRUT  
shop drawings)

CUT CABLE  
Leave enough pass  
through cable for  
future leveling

# STEP 2

## INSERT JOINERS

ATTACH JOINERS TO EACH END OF  
CONNECTING busSTRUT

**JOINERS (M-JB)**  
Joiners are used to mechanically  
and electrically connect individual  
busSTRUT lengths.

## TIGHTEN JOINERS

TIGHTEN SET SCREWS ON THE BOTTOM OF THE  
JOINER

\*Joiners require 3/32 Hex key  
for tightening set screws\*

## ATTACH INSERT

ATTACH JOINERS TO EACH END OF  
CONNECTING busSTRUT

Line up **center** of insert with  
**etched centerline** on joiner  
sleeve

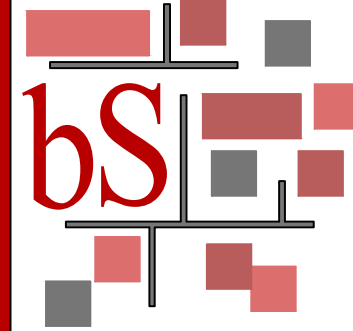
Turn the first knob

Squeeze tightly on the opposite  
side, then turn the second knob  
to secure the electrical  
connection.

### JOINER INSERT (M-JI-X)

A single piece unit that is installed  
with two knobs, one must be fully  
turned in each abutting length. As  
a result, power can continue to  
flow from one length to the next.

\*\*Installation Instruction Guidelines are provided only as that, informative guidelines. Defer to architectural/engineering drawings tailored to the specific project.



busSTRUT

805 Hilldowne Road  
Suite C  
Westerville, OH  
43081  
TEL: 614.933.8695  
E-MAIL:  
INFO@busSTRUT.COM  
WWW.BUSSTRUT.COM

DESIGNED BY  
LARRY GELLERT

CHECKED BY  
JOHN LOCH

DRAWN BY  
JOHN LOCH

DATE  
11/01/2024

ISSUED FOR  
BID / REVIEW

TYPICAL  
busSTRUT Installation Instructions

busSTRUT  
SHOP DRAWING SET(ONLY)  
NOT A REPLACEMENT FOR  
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DRAWINGS

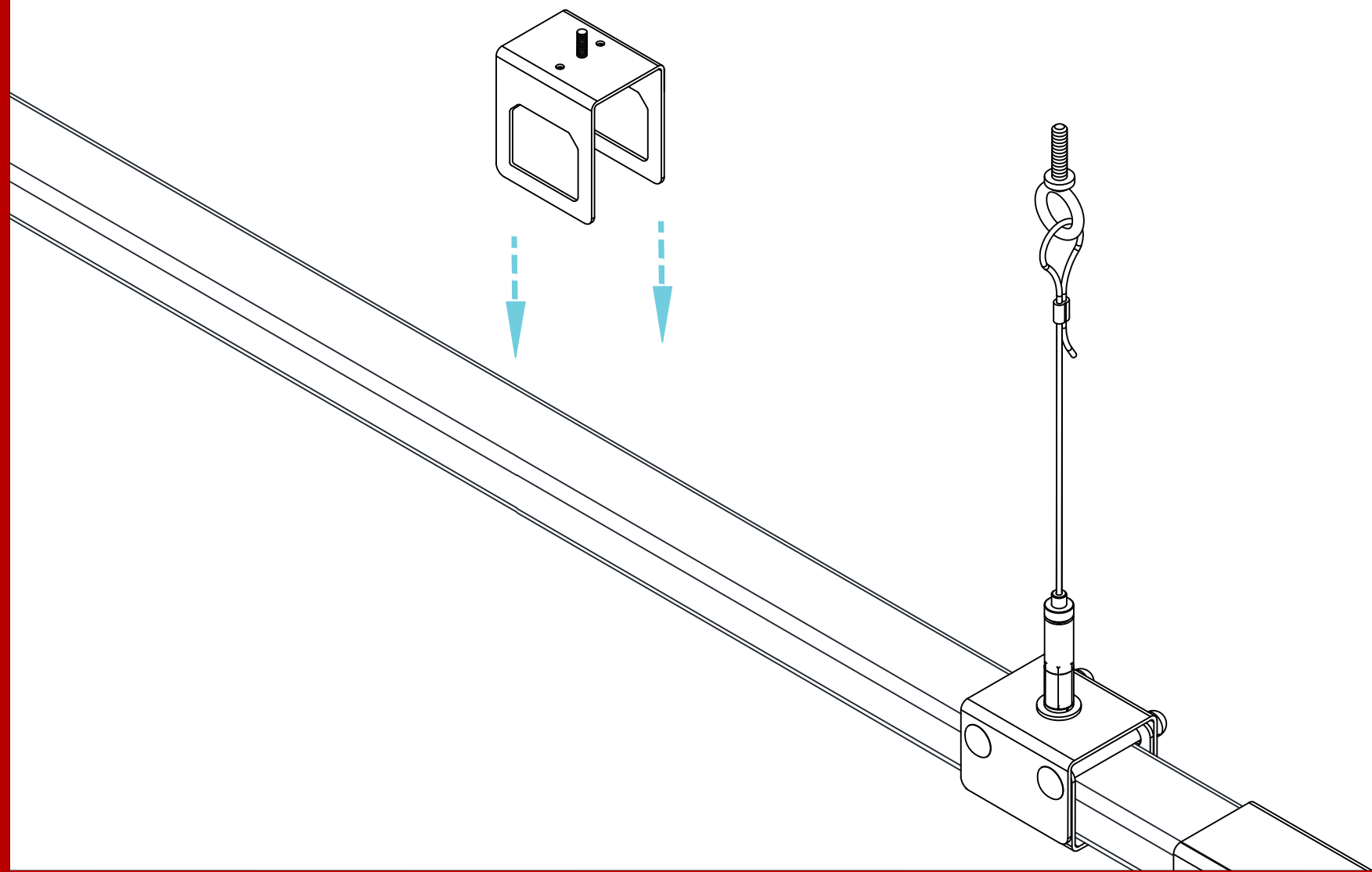
| NO. | DATE | DESCRIPTION | BY |
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| 1   |      |             |    |

PAPER SIZE:  
ARCH E (48x36)  
NOT TO SCALE  
DRAWING NUMBER  
E-b01

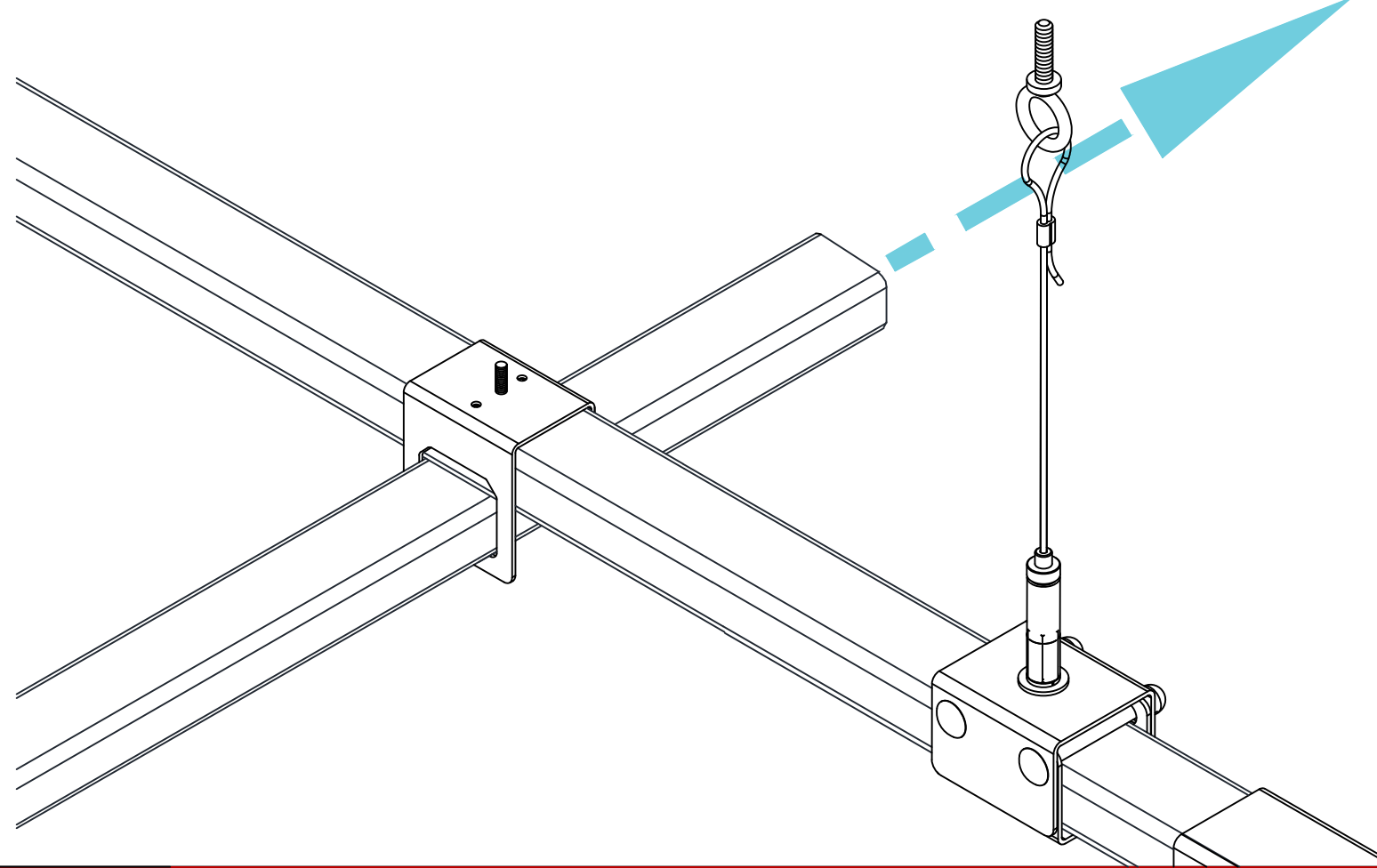
# STEP 3

## INSTALLING CROSSOVERS DROPPING ON

Crossovers can be dropped onto suspended busSTRUT to create an intersection with a perpendicular run of busSTRUT.



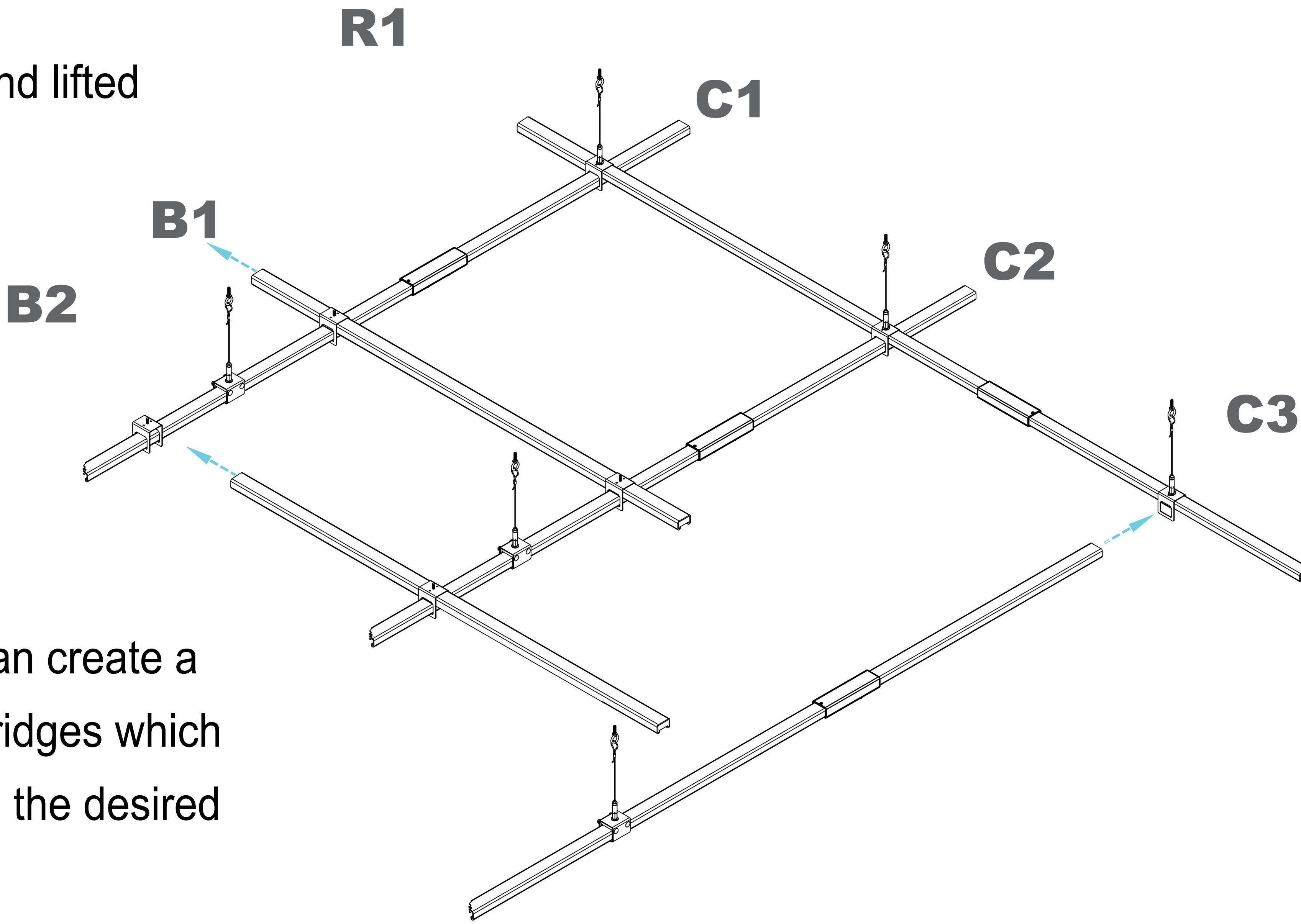
Slide perpendicular runs of busSTRUT through the crossover and tighten the set screws.



## SLIDING ON

Crossovers can be slid into position and lifted to create perpendicular bridges.

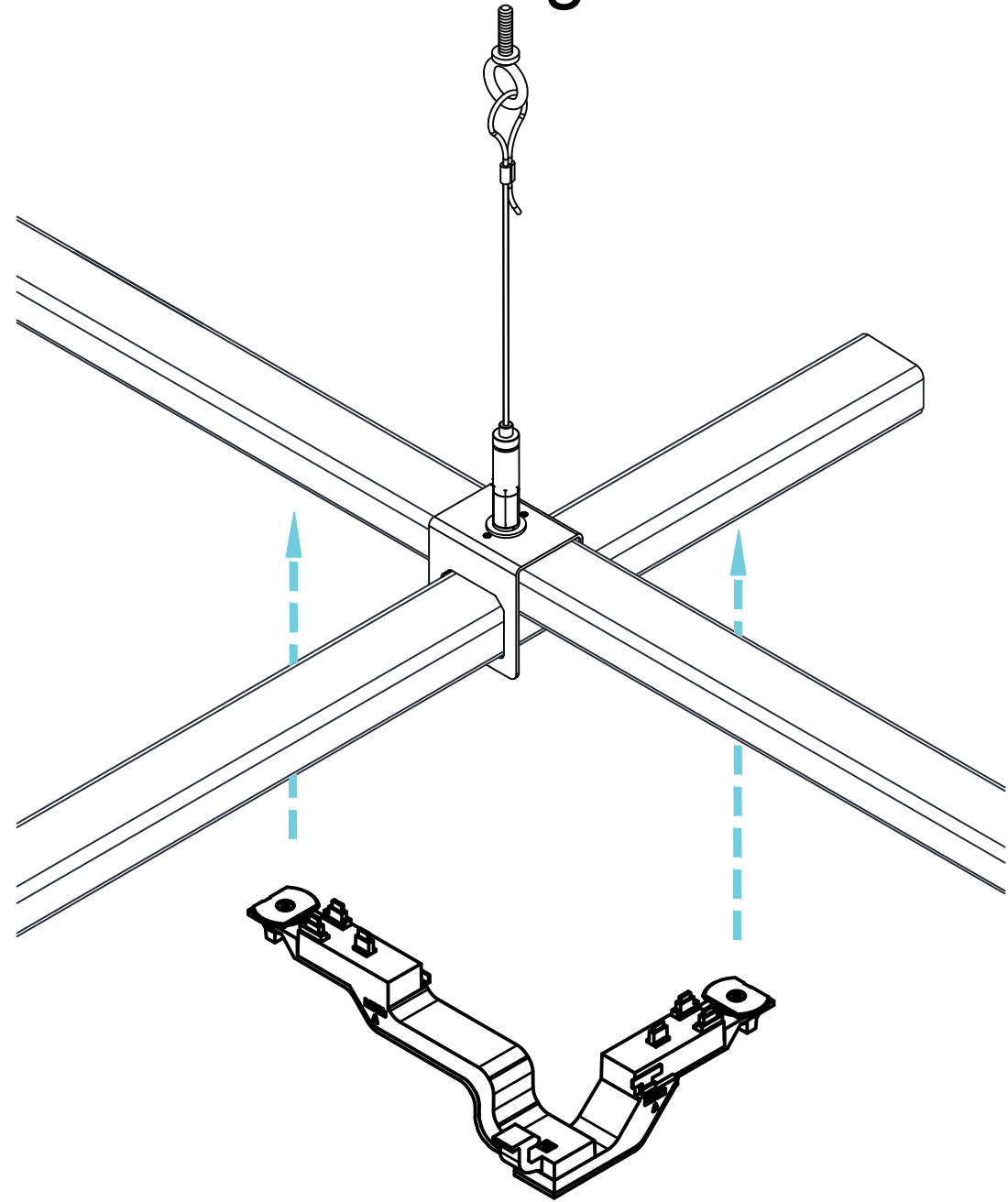
Perpendicular runs can create a full grid or be short bridges which are easily moved into the desired position.



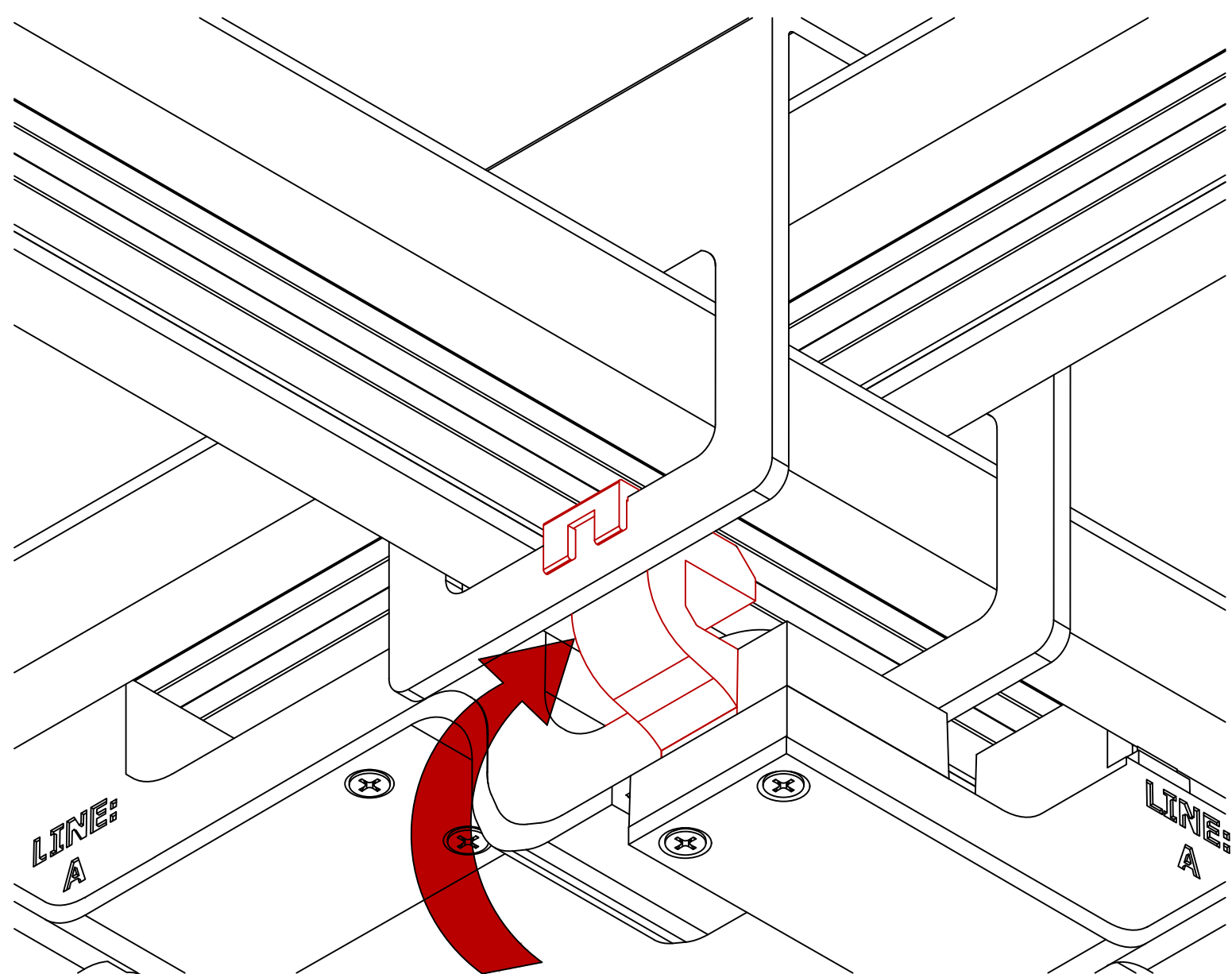
# STEP 4A

## SLIMLINE JUMPER

Make sure that the slimline crossover is tightened before attaching the slimline jumper.

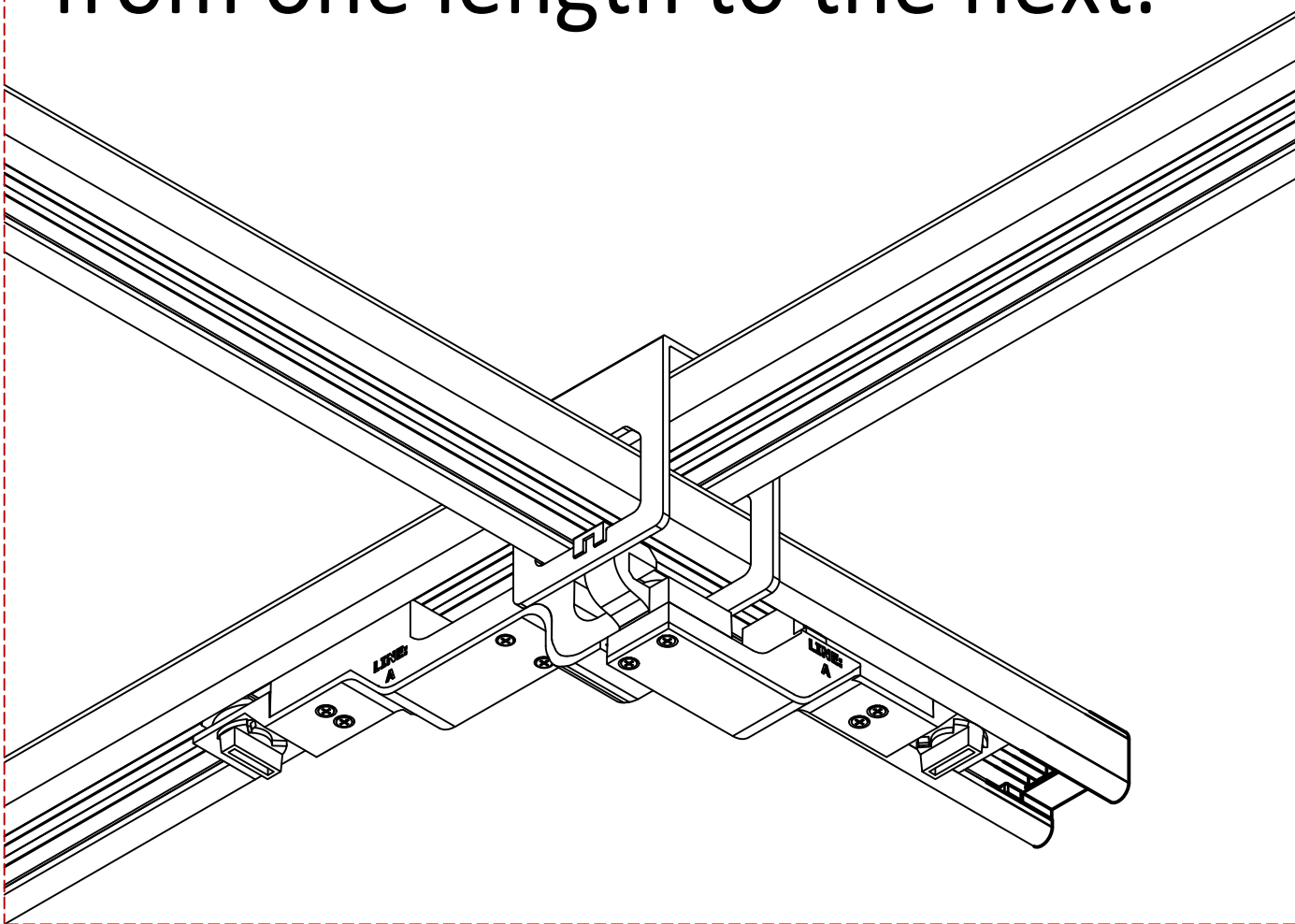


First, clip the jumper to the crossover.

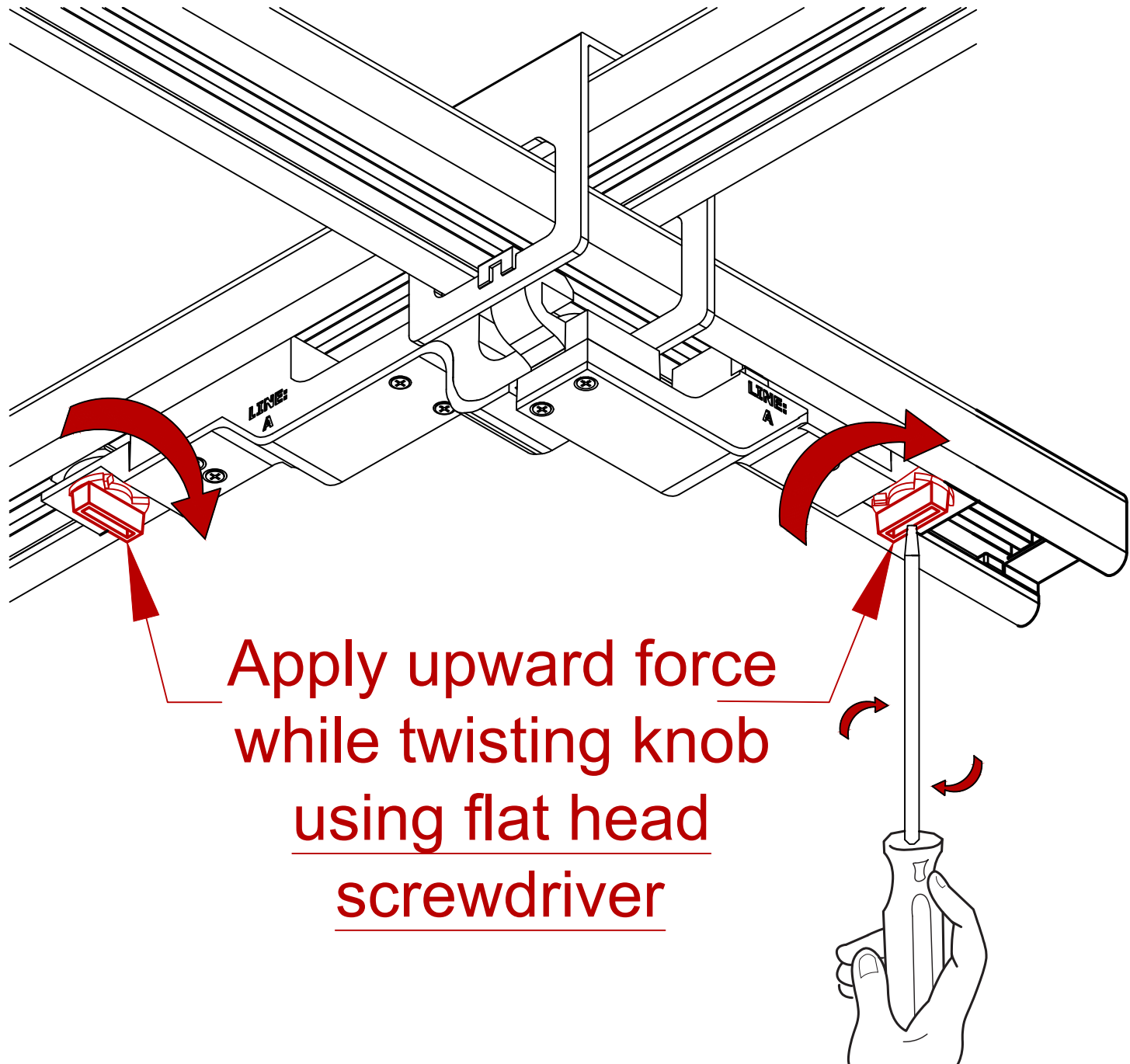


### SLIMLINE JUMPER (MD2020-UNIV-IJ2-B-X)

A single piece unit that is installed with two knobs, one must be fully turned in each abutting length. As a result, power can continue to flow from one length to the next.



Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.

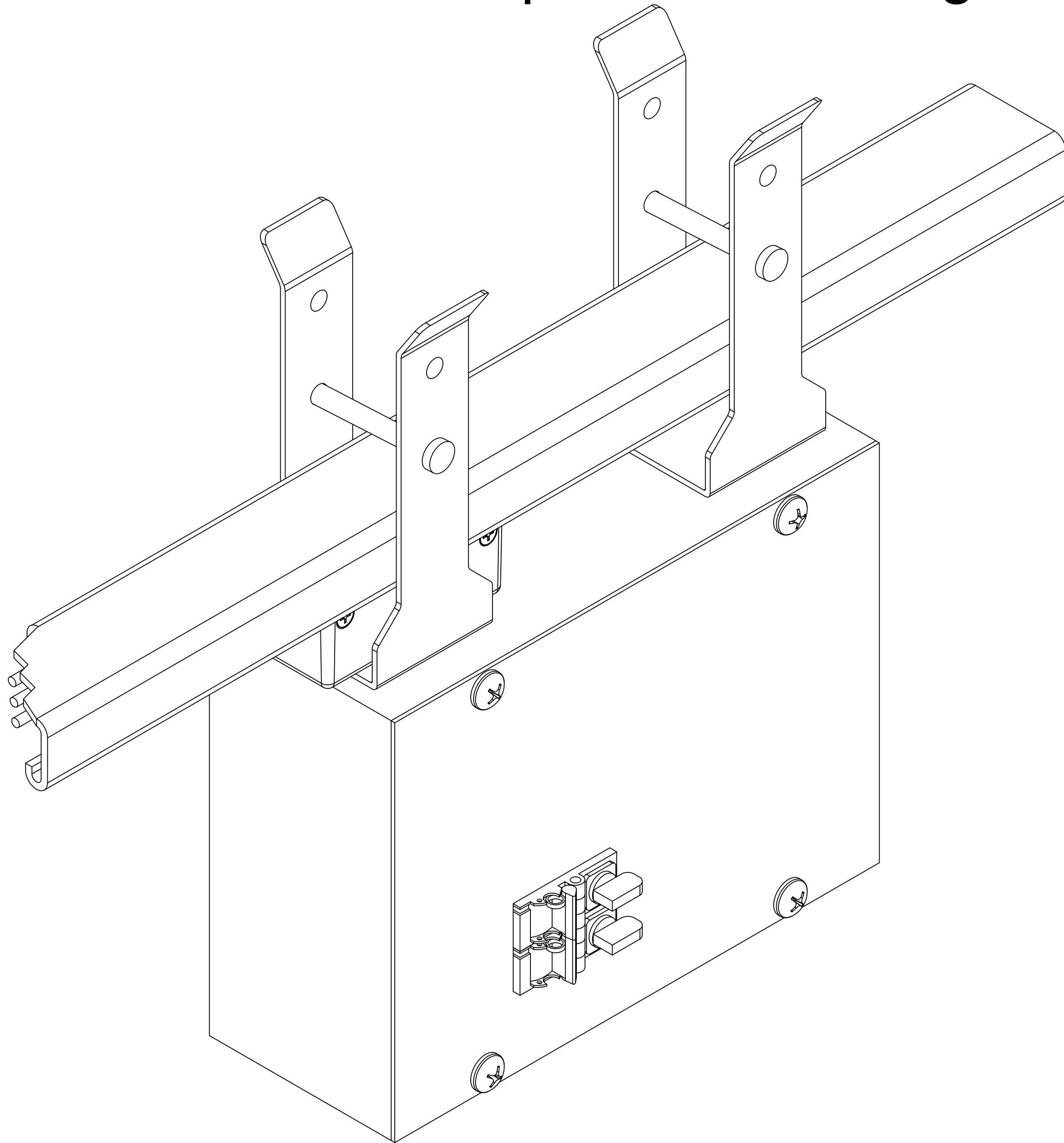


Apply upward force while twisting knob using flat head screwdriver

# STEP 4B

## LINE FEEDS

Install line feeds on busSTRUT to power the configuration.



## 20A LINE FEED

Shown on single decked busSTRUT

\*\*Installation Instruction Guidelines are provided only as that, informative guidelines. Defer to architectural/engineering drawings tailored to the specific project.

|             |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                   |                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| SINGLE DECK | <br><br><br> | <br> | <br><br><br> | <br><br><br> | <br><br><br> | <br><p>P20-3-40-UNIV-FDXX-F</p>                                  | <br><p>P20-3-40-UNIV-30-CM-F 1-1</p> |
|             | <br><p>NOTE: GROUNDS ON AND ON BOTTOM GROUNDS ON C AND ON TOP</p>                                                                                                                                                                                               |                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                  | <br><p>MD4020-UNIV-JC-F-90-12</p><br><p>MD2020-UNIV-IJ2-B-X</p> |                                                                                                                        |

|                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>STEEL bUSbTRUCK</b> 12 gauge 1" x 1" x 15.8" features two 1/2" Amps wire symmetrically surrounding a center 1/2" Amp wire. The 120 Amp Circuits 40 Amps Maximum with <b>bUSbTRUCK</b> 20; alternatively two 20 Amp Circuits 40 Amps Maximum with <b>bUSbTRUCK</b> 2/0, 2.5, 1", and 20" lengths. Rated for up to 277480V. Double ducts with standard hardware for truncking.</p> | <p><b>BRAIDED Cable with GLIDE:</b> For use with <b>bUSbTRUCK</b> 20. Hangers/Crossovers include cable-guide and cable with factory assembled cable to looped treaded 1/2" eye bolt. <b>bUSbTRUCK</b> 2/0, 2.5, 1", and 20" lengths. Rated for up to 277480V. Double ducts with standard hardware for truncking.</p> | <p><b>HANGERS:</b> Single and Double Hangers are for use with <b>bUSbTRUCK</b>. Each is assembled one per unit. The upper piece includes a threaded stud for use with <b>bUSbTRUCK</b> cable-guide.</p> | <p><b>JONERS:</b> Single and Double for use with <b>bUSbTRUCK</b>. Lengths are joined together mechanically with a 3/8" screw. Electrical access Kit includes both a Twist T Turn Plug-In and a Twist T Turn Plug-In. And continuous grounding studs through the bus itself by means of a permanently affixed ground crowding bar.</p> | <p><b>CROSSOVERS:</b> For use with intersecting <b>bUSbTRUCK</b>. Each is an assembled two piece for building and connecting and bridges. The piece includes a threaded stud for use with <b>bUSbTRUCK</b> cable-guide.</p> | <p><b>JUMPERS:</b> For use with both <b>bUSbTRUCK</b> 20 and <b>bUSbTRUCK</b> 1/0. The fixed 4000 Joules Cables can be used to electrically connect the 20 and 1/0. <b>bUSbTRUCK</b> 20 Branches and electrically connecting <b>bUSbTRUCK</b> 20 to <b>bUSbTRUCK</b> 1/0.</p> | <p><b>LINE FEEDS:</b> For use with powerline single-ended <b>bUSbTRUCK</b>. Junction boxes factory energy code type <b>bUSbTRUCK</b> (breakers/housings) and 3 Poles. Available to up to 277480V. Can be positioned anywhere through <b>bUSbTRUCK</b> to reduce the lengths of hommers.</p> |
| <p><b>STARTER FEEDS:</b> For use with powerline single-ended <b>bUSbTRUCK</b>. Utilized when no current limiting is required on the <b>bUSbTRUCK</b>. Must be positioned at the beginning of a run.</p>                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                             |

|                                                                                     |                           |
|-------------------------------------------------------------------------------------|---------------------------|
|  | busSTRUT 20 / Single Deck |
|  | 30" Starter Feed          |
|  | Joiner                    |
|  | 1/1 Slimline Crossover    |
|  | Slimline Jumper           |

**busSTRUT**  
**LIGHTING PLAN ONLY**  
 THIS DRAWING IS MEANT TO SHOW THE LOCATION OF busSTRUT  
**LIGHTS ONLY.** IT IS NOT A REPLACEMENT FOR: ARCHITECTURAL  
 / ENGINEERING / ELECTRICAL SPECIFICATIONS. (SEE THEIR  
 DRAWINGS)

| RECTANGLE LT PD Medium                                                              |      |      |      | <div> <div>busSTRUT</div> <div>Bill of Materials</div> </div> <div> <div>Finish TBD:</div> <div>Galvanized, White, or Black</div> </div> <div> <div>Drawn By</div> <div>Checked By</div> <div>Date</div> </div> <div> <div>John Loch</div> <div>John Loch</div> <div>11/1/2024</div> </div> |                     |                     |                     |                   |           |            |               |            |              |                |                            |                     |                       |                           |                            |                         |                         |    |
|-------------------------------------------------------------------------------------|------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|-------------------|-----------|------------|---------------|------------|--------------|----------------|----------------------------|---------------------|-----------------------|---------------------------|----------------------------|-------------------------|-------------------------|----|
|  |      |      |      | busSTRUT LENGTHS                                                                                                                                                                                                                                                                            |                     |                     |                     | busSTRUT Hardware |           |            |               |            |              | busSTRUT POWER |                            |                     |                       |                           |                            |                         |                         |    |
|                                                                                     |      |      |      | busSTRUT 20                                                                                                                                                                                                                                                                                 |                     |                     |                     | Joiners           |           | Hangers    |               | C-GI       | Xover        | Jcord          | Line                       |                     | GEN                   | ACT                       |                            |                         |                         |    |
|                                                                                     |      |      |      |                                                                                                                                                                                                                                                                                             |                     |                     |                     |                   |           |            |               |            |              |                |                            |                     |                       |                           |                            |                         |                         |    |
|                                                                                     |      |      |      | M20-3-40-277-2.5-F-2B                                                                                                                                                                                                                                                                       | M20-3-40-277-3-F-2B | M20-3-40-277-5-F-2B | M20-3-40-277-7-F-2B | IM-JB-F-X         | IM-JI-F-X | IM-JI-F-NE | HM-S-F-ST-LFX | WKU-ST-A-F | CG-E-16-B-GL | ICM-S-F-ST-X   | MD4020-UNIV-JC-F-90-12-G02 | MD2020-UNIV-IJ2-F-X | P20-3-40-UNIV-JK-NB-F | P20-3-40-UNIV-30-CM-F 1-1 | MD40-2-120-CB20-DC-XX-LE-F | BRL-4-40L-30K80-ST-WD-F | BR-LUCY-U-308-30-F (OC) |    |
| R/C                                                                                 | Amps | LF   | BF   | 2.5                                                                                                                                                                                                                                                                                         | 3                   | 5                   | 7                   | M                 | INS       | NE-INS     | M             | DB         | C-GI         | 1/1            | 12"                        | INVS                | JK                    | 30ST                      | PD                         | GEN                     | ACT                     |    |
| Rows                                                                                |      |      |      |                                                                                                                                                                                                                                                                                             |                     |                     |                     |                   |           |            |               |            |              |                |                            |                     |                       |                           |                            |                         |                         |    |
| R1                                                                                  | 20   | 15   | 15   | 1                                                                                                                                                                                                                                                                                           | 1                   |                     | 1                   | 3                 | 3         |            | 1             |            | 3            | 2              |                            |                     |                       | 1                         |                            |                         | 4                       |    |
| R2                                                                                  | 20   | 15   | 15   |                                                                                                                                                                                                                                                                                             | 1                   | 1                   | 1                   | 2                 | 2         |            | 1             |            | 3            | 2              |                            |                     | 1                     |                           |                            |                         | 4                       |    |
| R3                                                                                  | 20   | 15   | 15   |                                                                                                                                                                                                                                                                                             | 1                   | 1                   | 1                   | 2                 | 2         |            | 1             |            | 3            | 2              |                            |                     |                       |                           |                            |                         | 4                       |    |
| SUB TOTAL                                                                           |      | 45   | 45   | 1                                                                                                                                                                                                                                                                                           | 3                   | 2                   | 3                   | 7                 | 7         |            | 3             |            | 9            | 6              |                            |                     | 2                     | 1                         |                            |                         | 12                      |    |
| R/C                                                                                 | Amps | LF   | BF   | 2.5                                                                                                                                                                                                                                                                                         | 3                   | 5                   | 7                   | M                 | INS       | NE-INS     | M             | DB         | C-GI         | 1/1            | 12"                        | INVS                | JK                    | 30ST                      | PD                         | WW                      | LUCY                    |    |
| Columns                                                                             |      |      |      |                                                                                                                                                                                                                                                                                             |                     |                     |                     |                   |           |            |               |            |              |                |                            |                     |                       |                           |                            |                         |                         |    |
| C1                                                                                  | 20   | 15.5 | 15.5 | 1                                                                                                                                                                                                                                                                                           | 2                   |                     | 1                   | 3                 | 3         |            |               |            |              |                |                            |                     | 1                     |                           |                            |                         | 4                       |    |
| C2                                                                                  | 20   | 15.5 | 15.5 | 1                                                                                                                                                                                                                                                                                           | 2                   |                     | 1                   | 3                 | 3         |            |               |            |              |                |                            |                     | 1                     |                           |                            |                         | 2                       |    |
| SUB TOTAL                                                                           |      | 31   | 31   | 2                                                                                                                                                                                                                                                                                           | 4                   |                     | 2                   | 6                 | 6         |            |               |            |              |                |                            |                     | 2                     |                           |                            |                         | 6                       |    |
| R/C                                                                                 | Amps | LF   | BF   | 2.5                                                                                                                                                                                                                                                                                         | 3                   | 5                   | 7                   | M                 | INS       | NE-INS     | M             | DB         | C-GI         | 1/1            | 12"                        | INVS                | JK                    | 30ST                      | PD                         | GEN                     | ACT                     |    |
| Bridges                                                                             |      |      |      |                                                                                                                                                                                                                                                                                             |                     |                     |                     |                   |           |            |               |            |              |                |                            |                     |                       |                           |                            |                         |                         |    |
| B1                                                                                  | 20   | 8    | 8    |                                                                                                                                                                                                                                                                                             | 1                   | 1                   |                     | 1                 | 1         |            |               |            |              | 2              |                            |                     | 1                     |                           |                            | 1                       |                         |    |
| B2                                                                                  | 20   | 8    | 8    |                                                                                                                                                                                                                                                                                             | 1                   | 1                   |                     | 1                 | 1         |            |               |            |              | 2              |                            |                     | 1                     |                           |                            | 1                       |                         |    |
| SUB TOTAL                                                                           |      | 16   | 16   |                                                                                                                                                                                                                                                                                             | 2                   | 2                   |                     | 2                 | 2         |            |               |            |              | 4              |                            |                     | 2                     |                           |                            | 2                       |                         |    |
| STORE TOTAL                                                                         |      |      |      | 92.0                                                                                                                                                                                                                                                                                        | 92.0                | 3                   | 9                   | 4                 | 5         | 15         | 15            |            | 3            |                | 9                          | 10                  |                       | 6                         |                            | 1                       | 2                       | 18 |

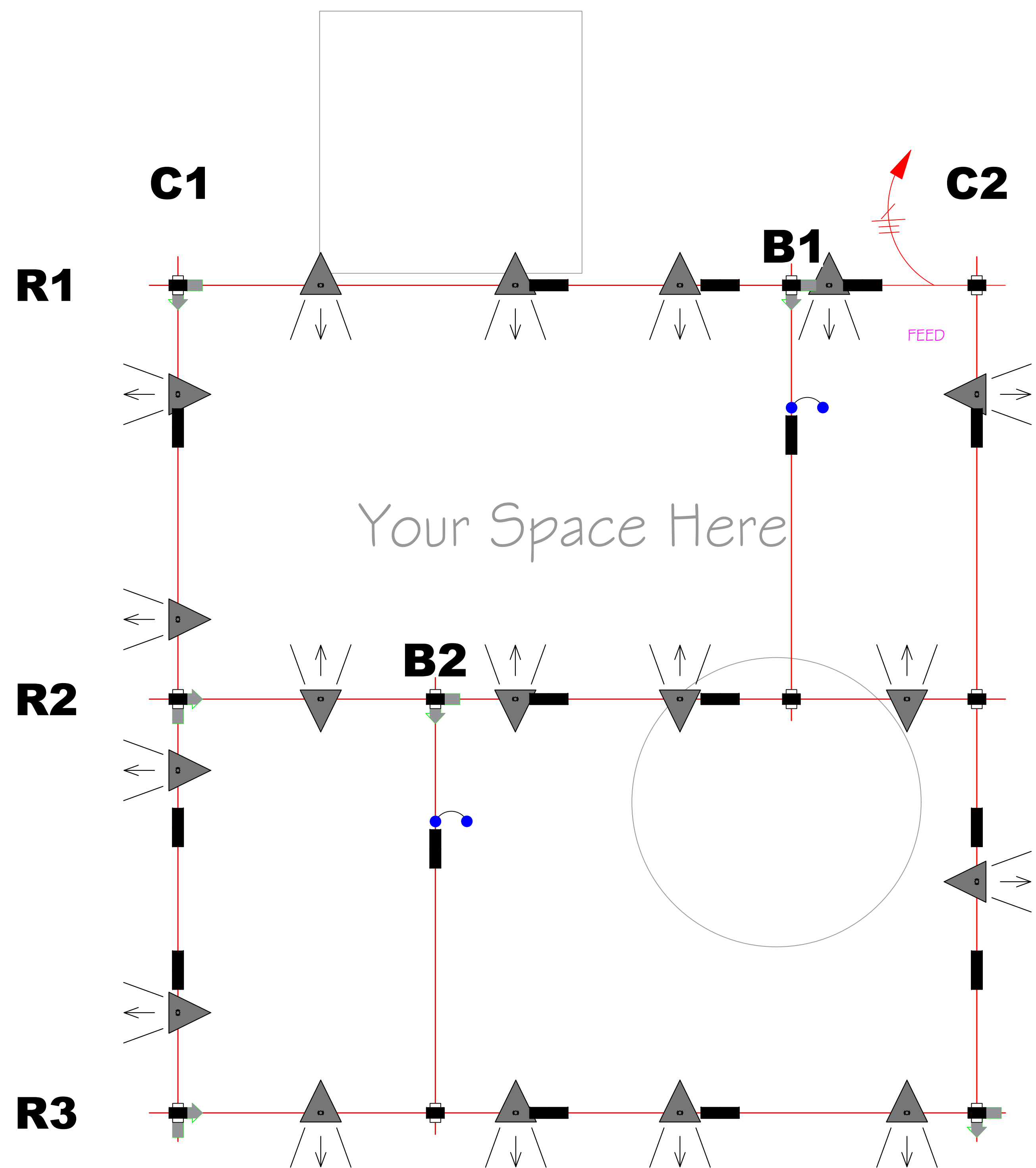
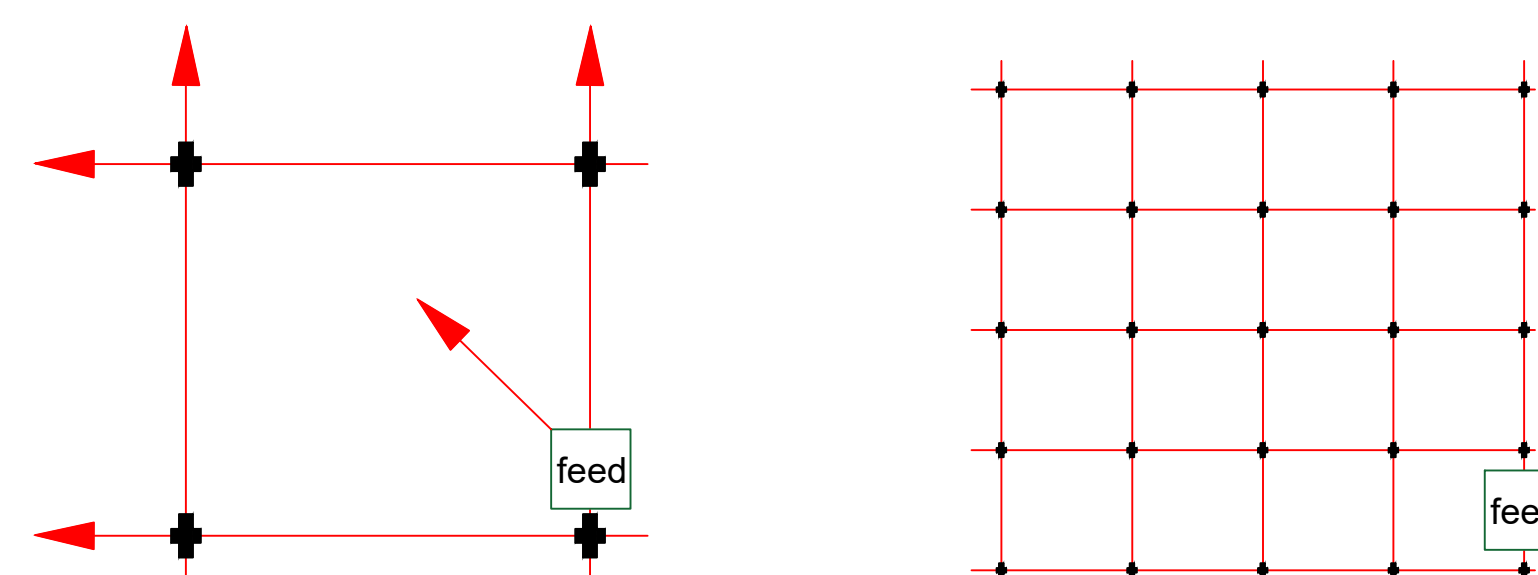
**busSTRUT** provides time-tested standard labor hours per part, which are then multiplied by the project's Bill of Materials.

|                               |                     | bus.STRUT <sup>®</sup> LABOR     |     |                             |      |           |      |
|-------------------------------|---------------------|----------------------------------|-----|-----------------------------|------|-----------|------|
| ITEMS                         |                     | Qty.                             | U/M | STANDARDIZED<br>LABOR HOURS |      | TOTAL HRS |      |
|                               |                     |                                  |     | min                         | hrs  |           |      |
| bus.STRUT <sup>®</sup> SYSTEM | LENGTHS             | <u>92</u>                        | LF  | x                           | 2.75 | 0.05      | = 4  |
|                               | JOINERS             | <u>15</u>                        | EA  | x                           | 12   | 0.20      | = 3  |
|                               | HANGERS             | <u>9</u>                         | EA  | x                           | 25   | 0.42      | = 4  |
|                               | CROSSOVERS          | <u>10</u>                        | EA  | x                           | 10   | 0.17      | = 2  |
|                               | ATTACHMENTS         | <u>2</u>                         | EA  | x                           | 8    | 0.13      | = 0  |
|                               | JUMPERS             | <u>6</u>                         | EA  | x                           | 6    | 0.10      | = 1  |
|                               | FEEDS               | <u>1</u>                         | EA  | x                           | 15   | 0.25      | = 0  |
|                               | bus.STRUT SUB-TOTAL |                                  |     |                             |      |           | = 14 |
|                               | ACCENT              | <u>18</u>                        | EA  | x                           | 8    | 0.13      | = 2  |
|                               | LINEARS             | <u>          </u>                | EA  | x                           | 20   | 0.33      | = 0  |
|                               |                     | bus.STRUT READY LIGHTS SUB-TOTAL |     |                             |      |           | = 2  |
|                               |                     | TOTAL TIME                       |     |                             |      |           | = 16 |

**busSTRUT** system is designed to be BID separately.

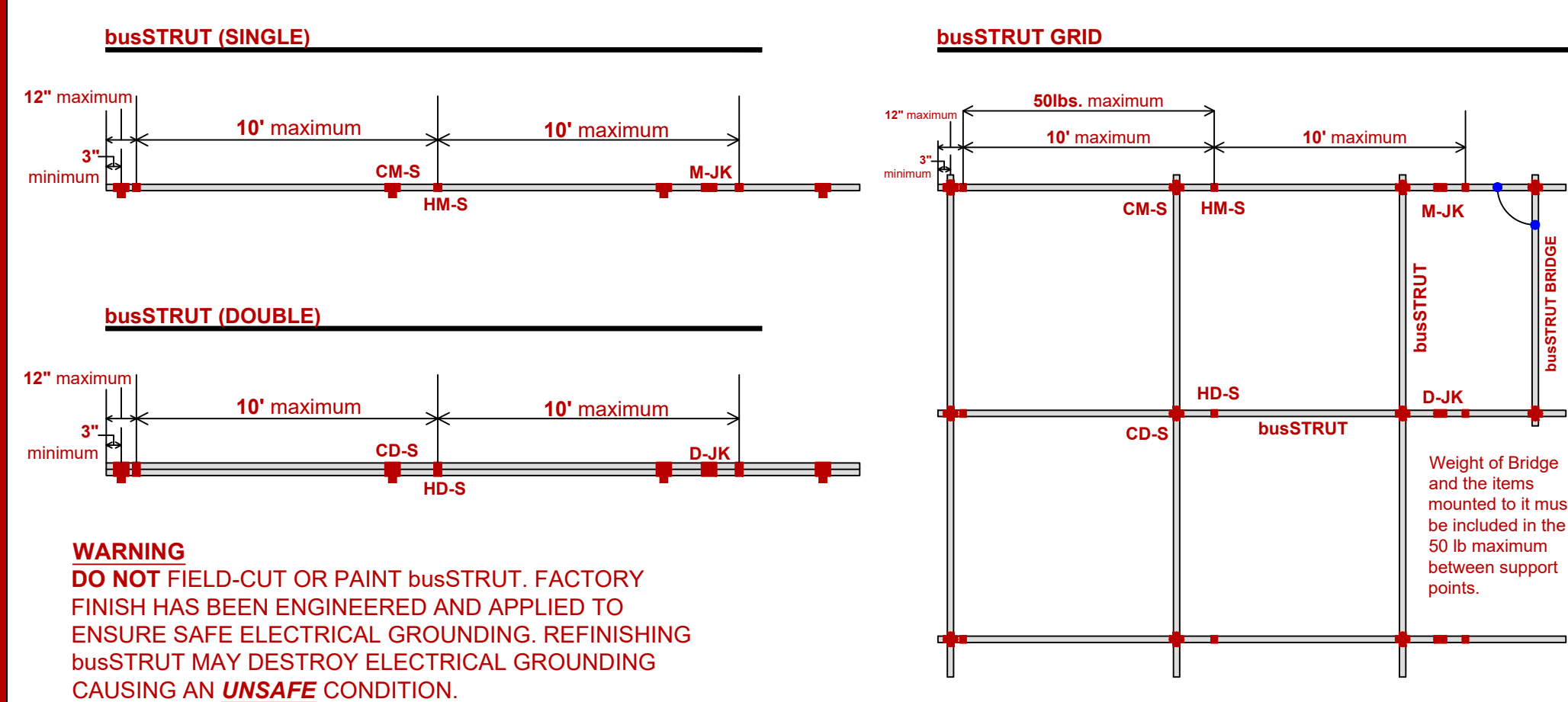
Bid from the **feeds-in**.

\* Powered by a minimal amount of feed boxes.

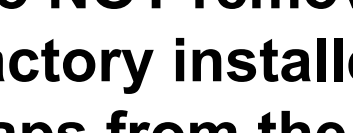


Your Space Here

## Mounting Rules



**Do NOT remove the factory installed end caps from the busSTRUT**



Removal voids ETL listing, warranty, and could create a dangerous electrical condition

**CAUTION:**

**TIGHTEN ALL JOINER SET SCREWS TO 10 in/lbs**

Required to ensure grounding

**DISTANCE:**  
**10'** MAXIMUM 10' spacing between support points

**12"** Support point must be within 12" from every end or corner

**3"** MINIMUM 3" of busSTRUT to be exposed beyond end of mounting hangers and/or crossovers

**WEIGHT:**  
**50 lbs** Maximum 50 pounds between support points  
(Include weight of busSTRUT System)  
Weight of 1 foot of busSTRUT:  
Single (MIN) - 1.5 lb per Linear Foot (not including connected weight)  
Double (MAX) - 3 lb per Linear Foot (not including connected weight)

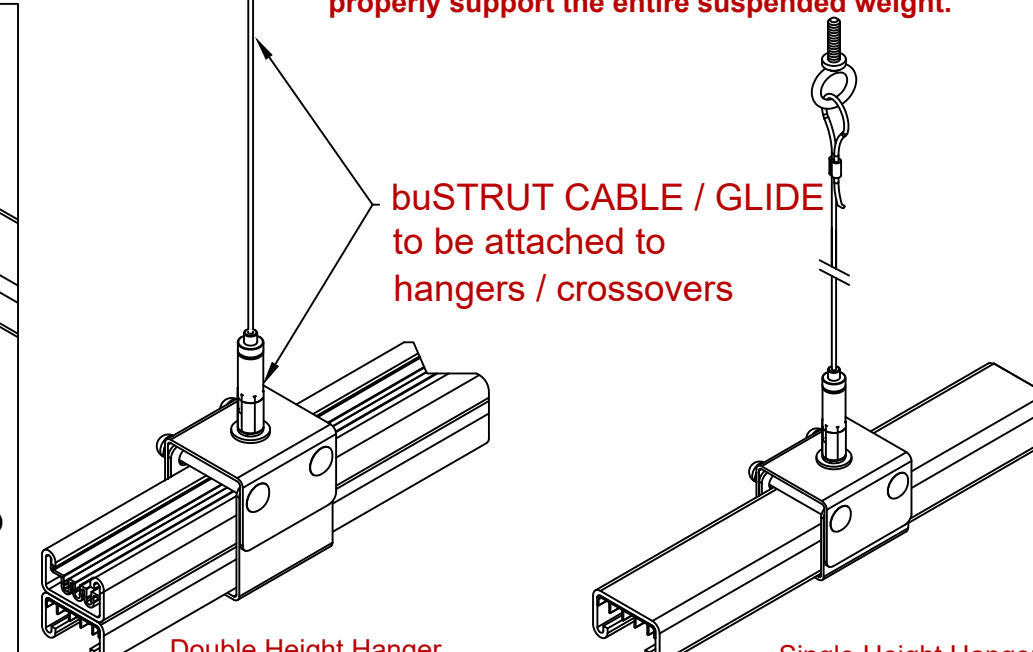
**FITTERS**  
**40 lbs**

The busSTRUT Flip-Fitters (with metal bracket) are rated for 40 lbs maximum static, vertical load.

Flip-Fitters without metal bracket are for use with standard truck light fixtures only. Consult for maximum weight restrictions.

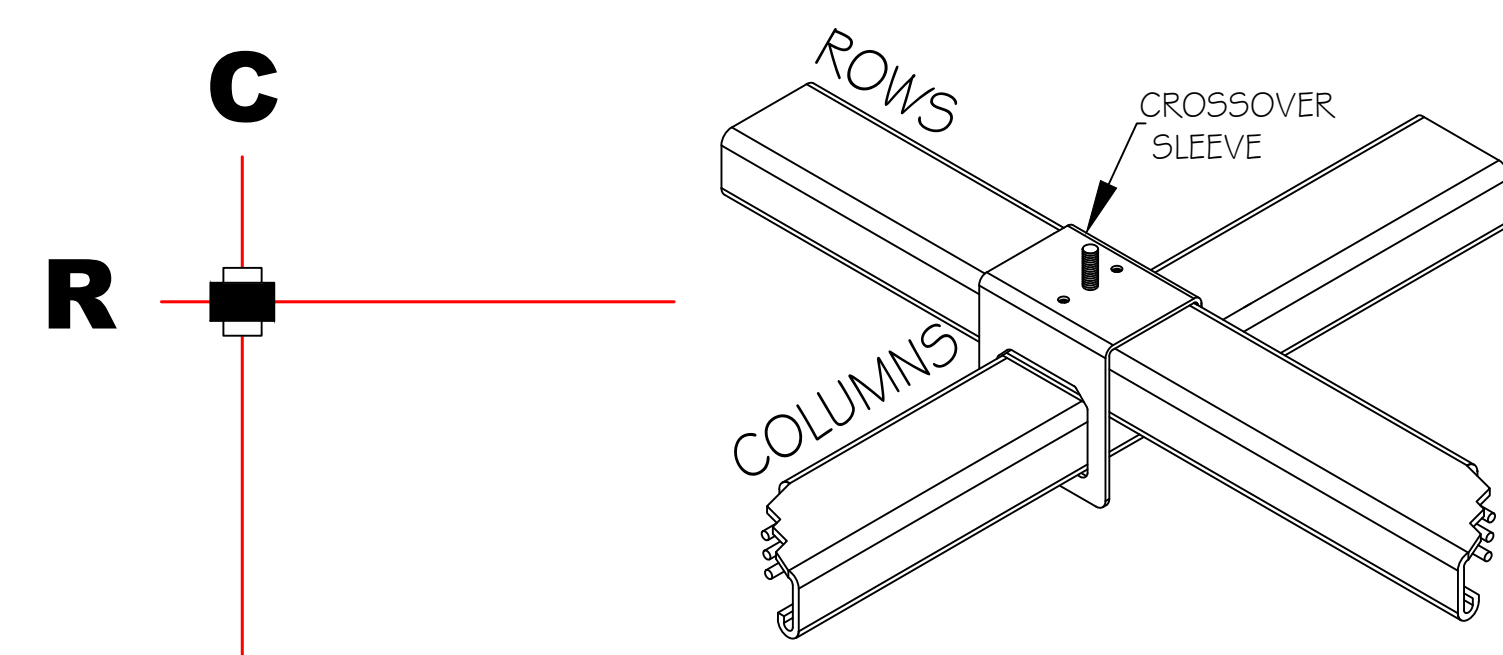
Only busSTRUT fittings and hardware may be mounted directly to busSTRUT.

**CONNECTION TO STRUCTURE BY OTHERS**  
Attachment from busSTRUT System to structure must be engineered and installed to properly support the entire suspended weight.



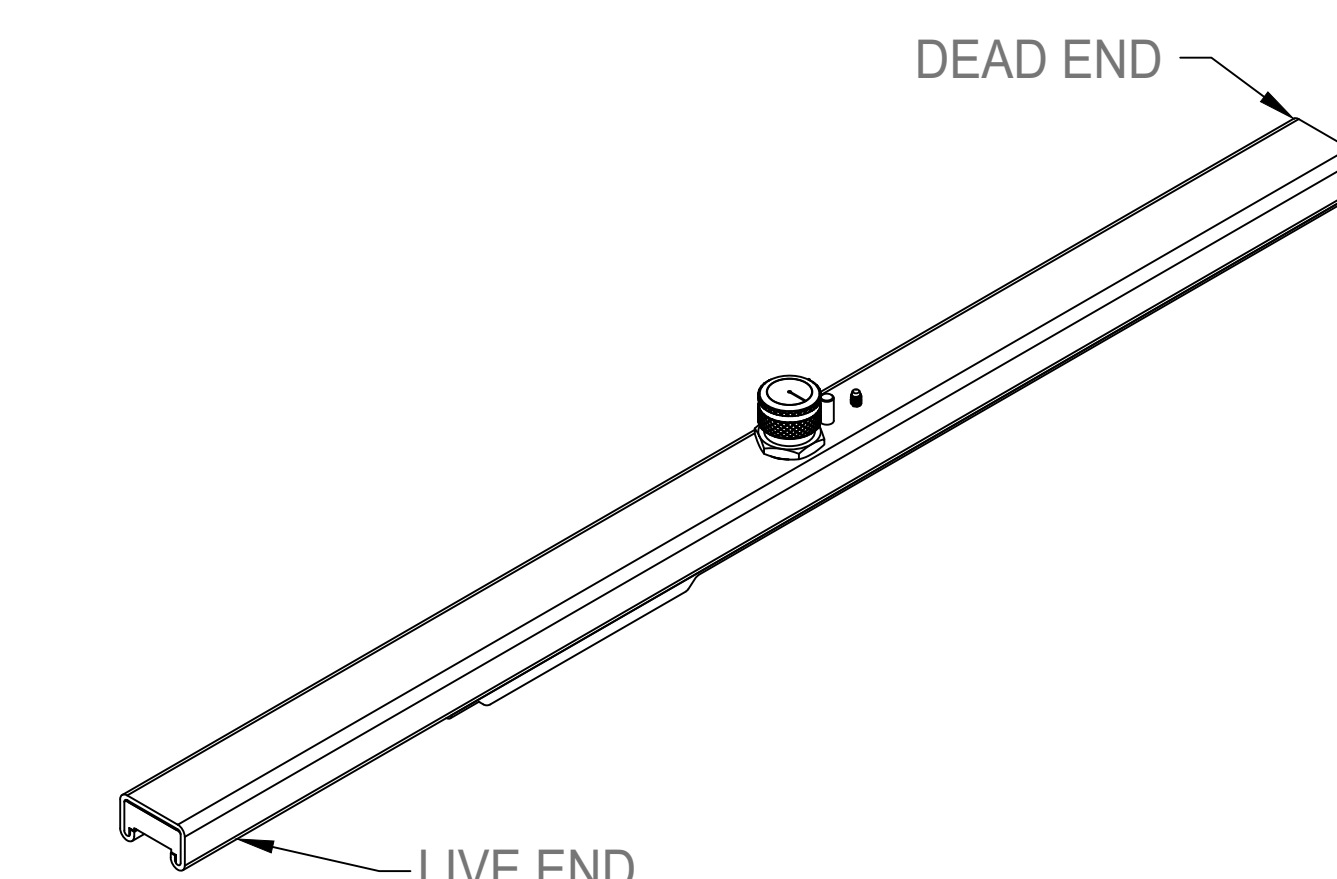
## Project Specific Rules

Rows are to be mounted on top of Columns.  
Crossover sleeve runs with Rows.

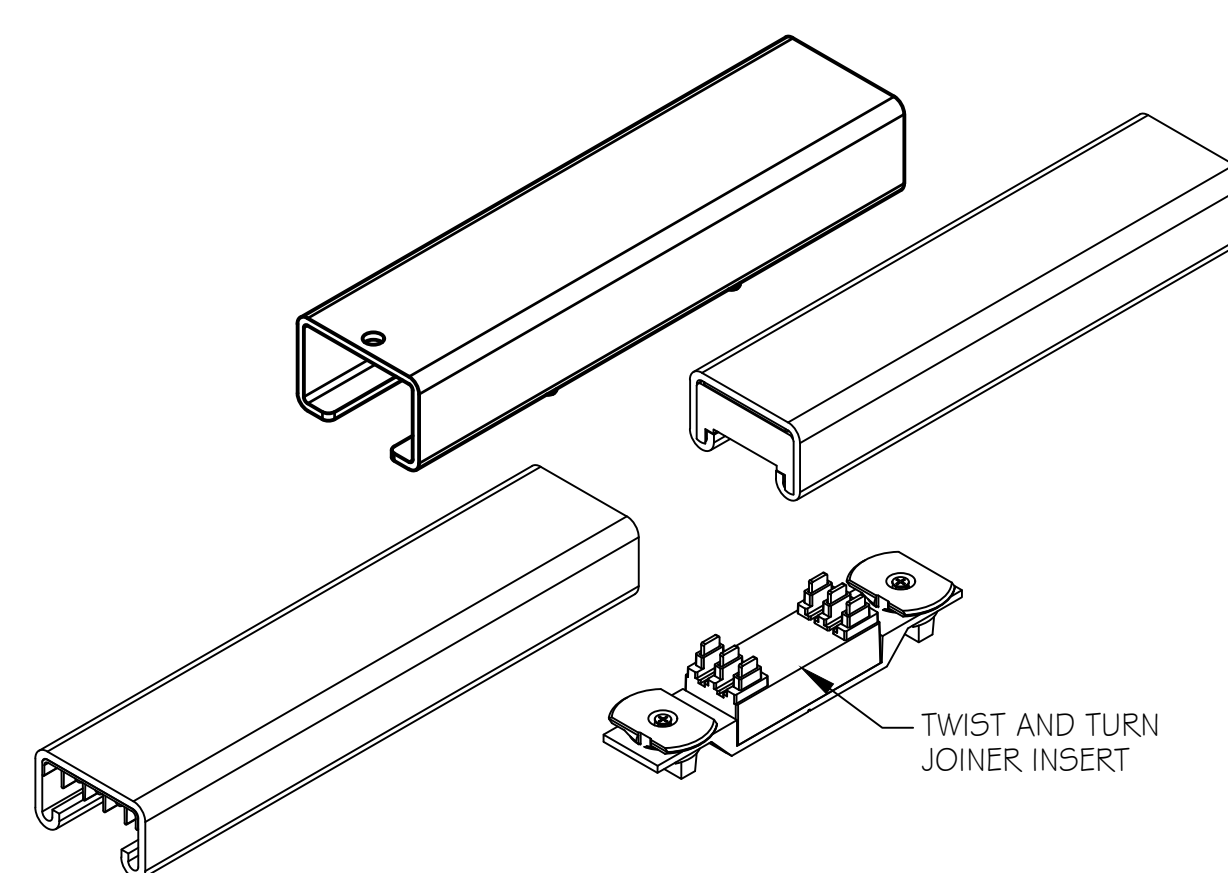


|     |                                                                                     |        |
|-----|-------------------------------------------------------------------------------------|--------|
| Row |  | Column |
|     |                                                                                     |        |

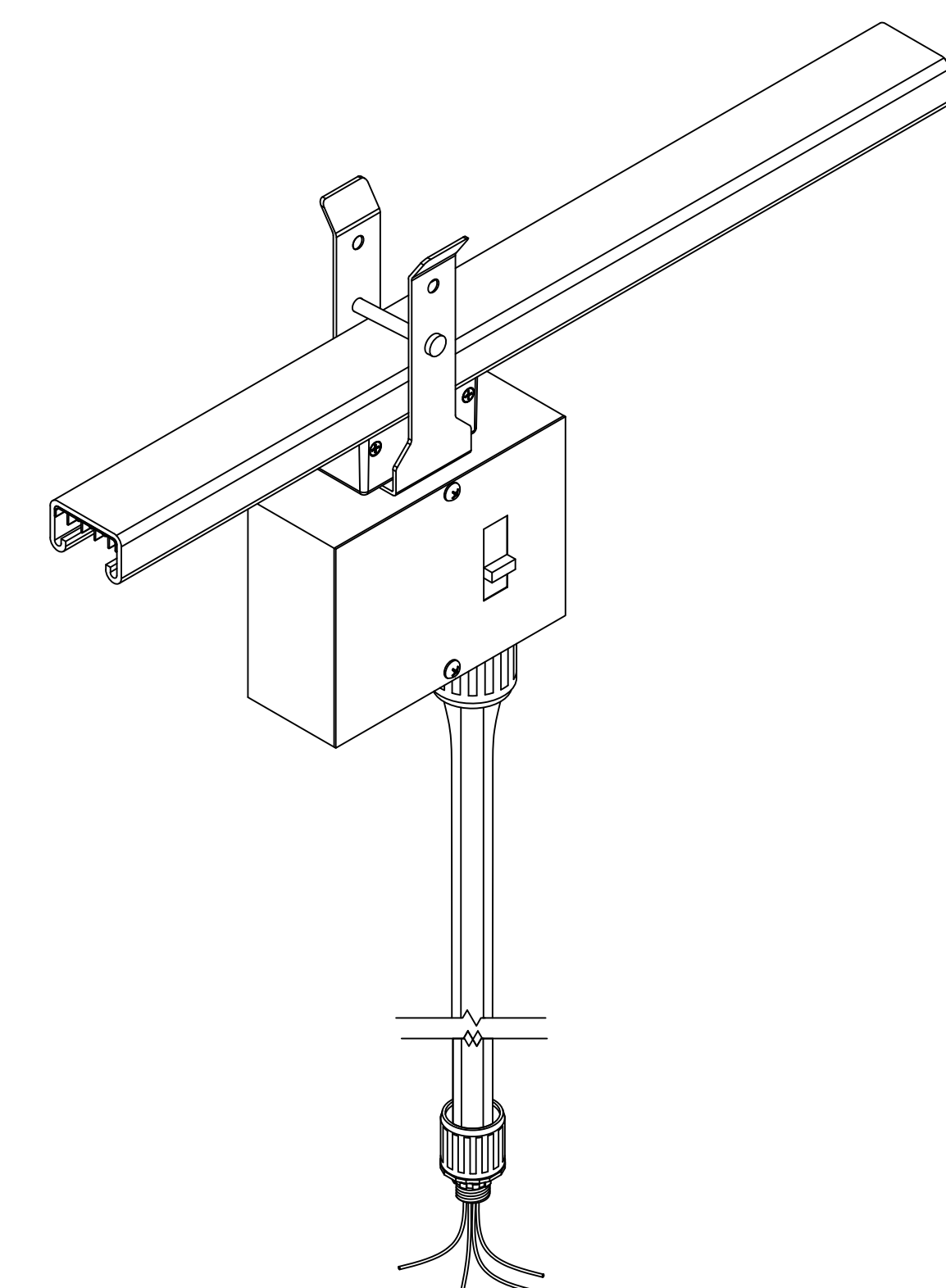
## ISO Details



**A** 30" STARTER FEED  
N.T.S.

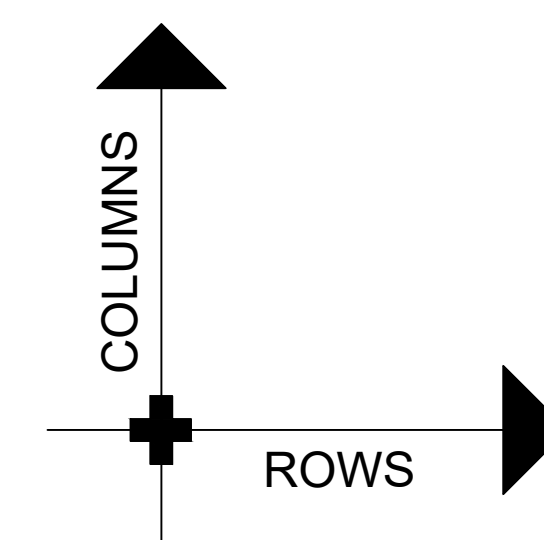


**C** SINGLE JOINER  
w/ JOINER INSERT  
N.I.S.



**E** | POWER DROP  
N.T.S.

# Dimensions



## Legend

 busSTRUT 20 / Single Deck

30" Starter Feed

Joiner

1/1 Slimline Crossover

 Slimline Jumper