# busSTRUT Shop Drawing Set

# Express Rectangle (Medium)

#### **busSTRUT SHOP DRAWING SET (ONLY)**

NOT A REPLACEMENT FOR ARCHITECTURAL/ENGINEERING/ ELECTRICAL SPECIFICATIONS. (DEFER TO THEIR DRAWINGS)

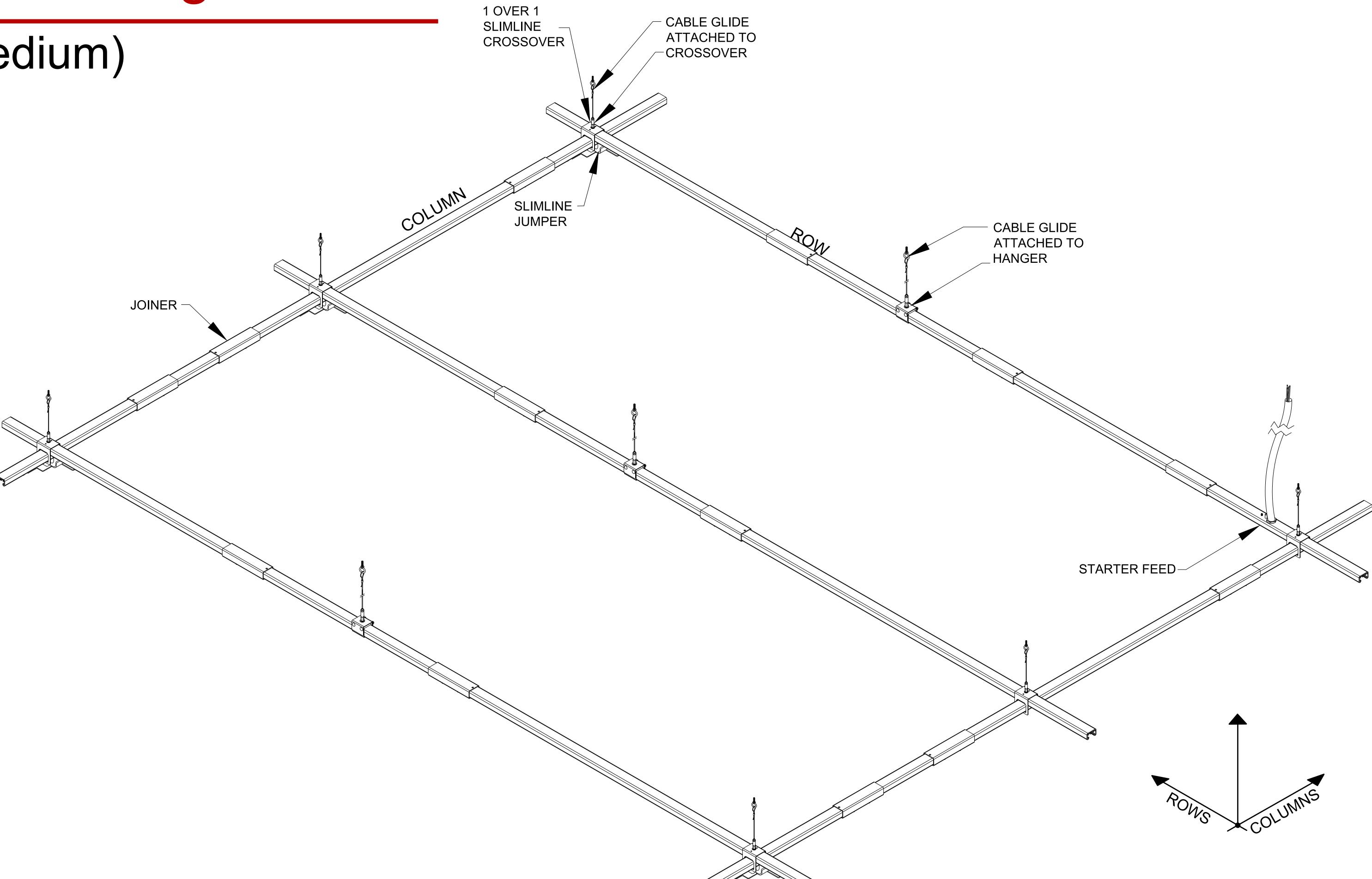
#### CONTRACTOR RESPONSIBILITIES

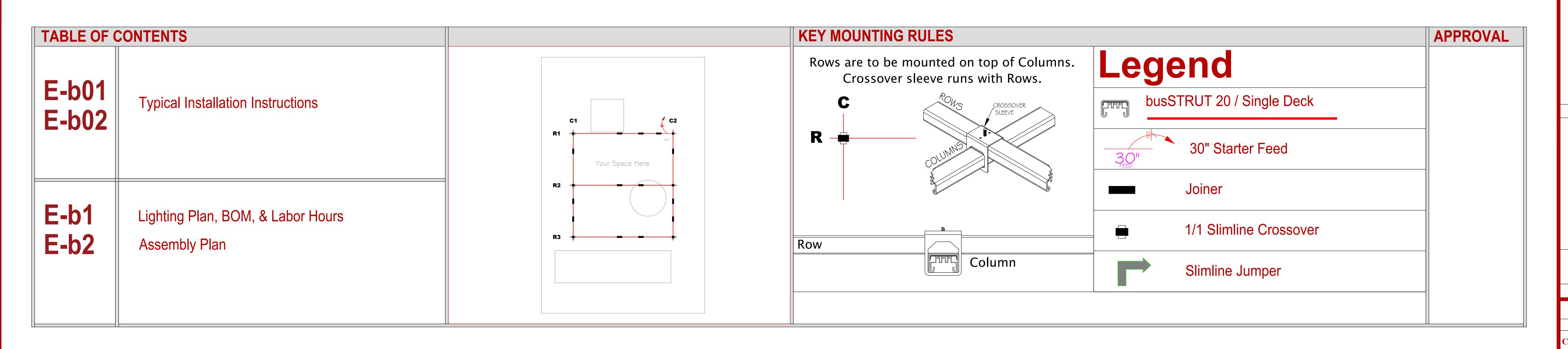
CONTRACTOR IS RESPONSIBLE FOR:

- 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.





PAPER SIZE: ARCH E (48x36) NOT TO SCALE COVER SHEET

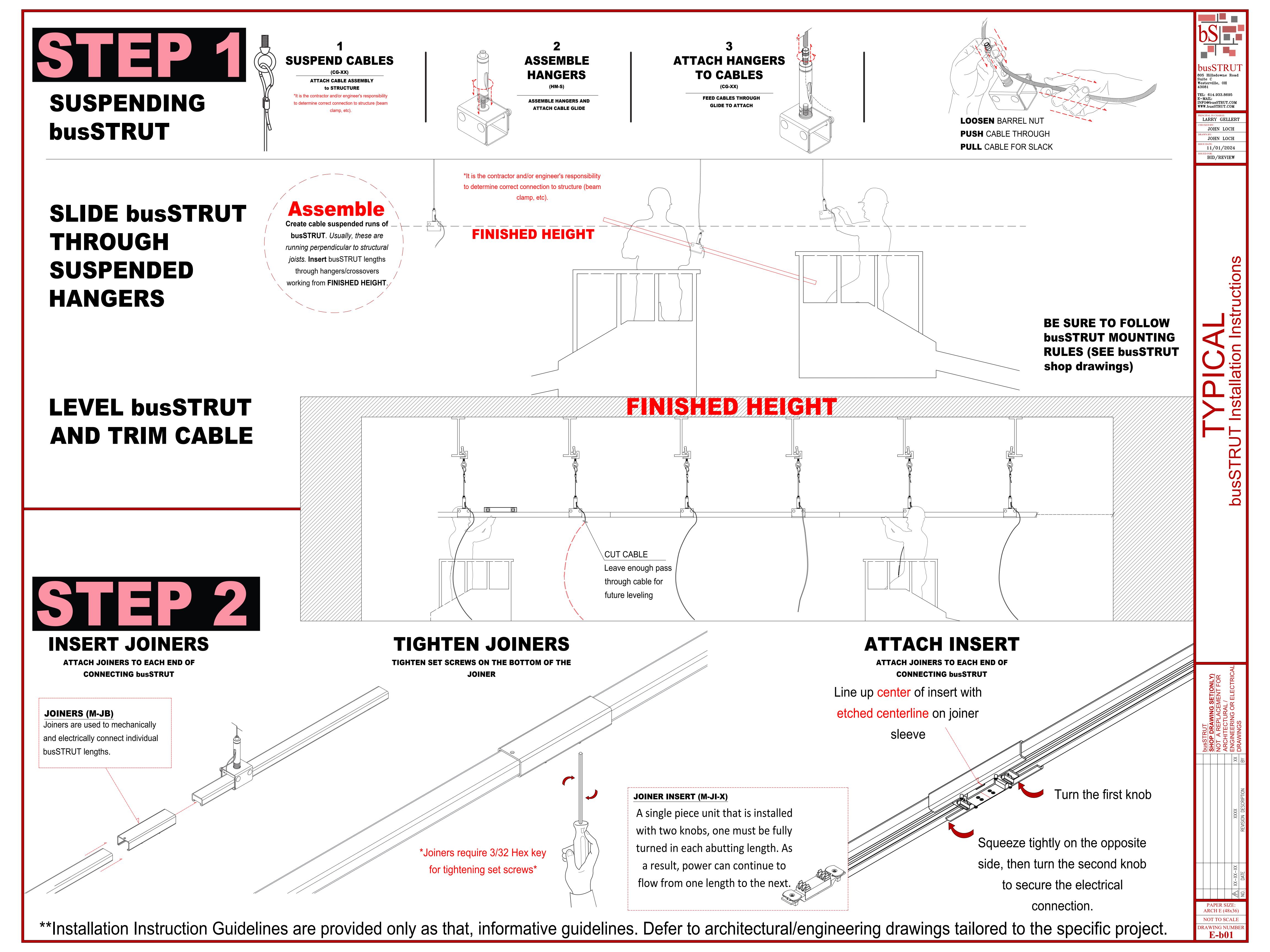
busSTRUT
805 Hillsdowne Road
Suite C
Westerville, OH
43081

PRINCIPAL IN CHARGE:
LARRY GELLERT

JOHN LOCH

11/01/2024

BID/REVIEW



# INSTALLING CROSSOVERS DROPPING ON

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

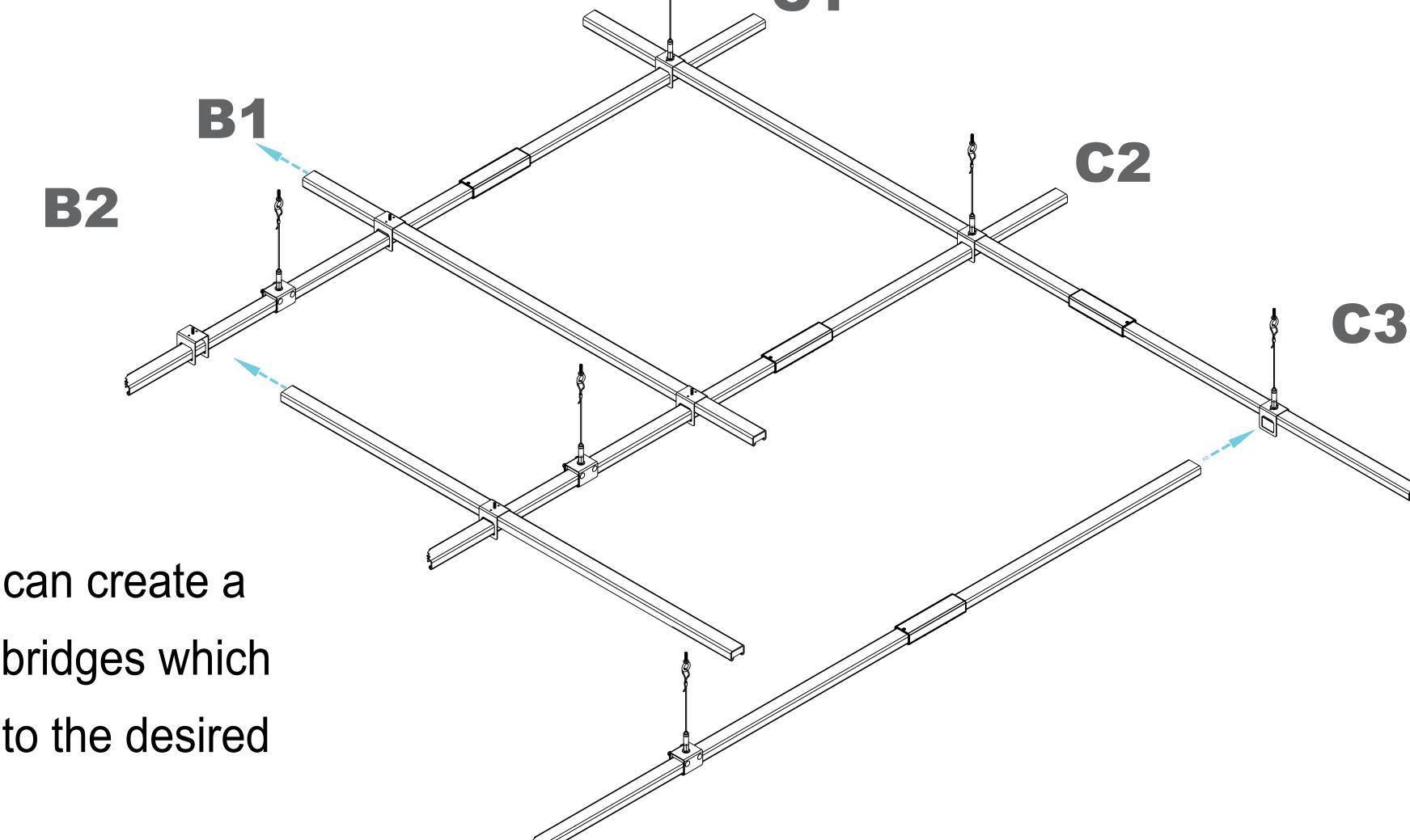
Slide perpendicular runs of busSTRUT through the crossover and tighten the set

SLIDING ON

to create perpendicular bridges.

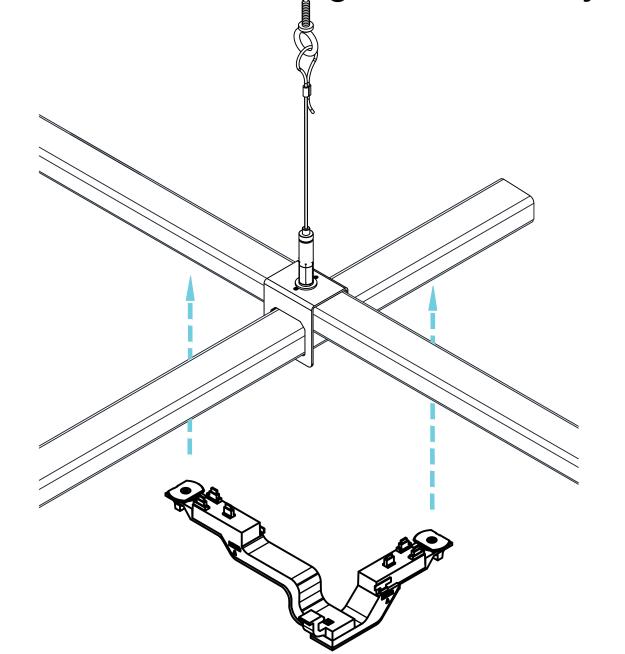
screws.

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

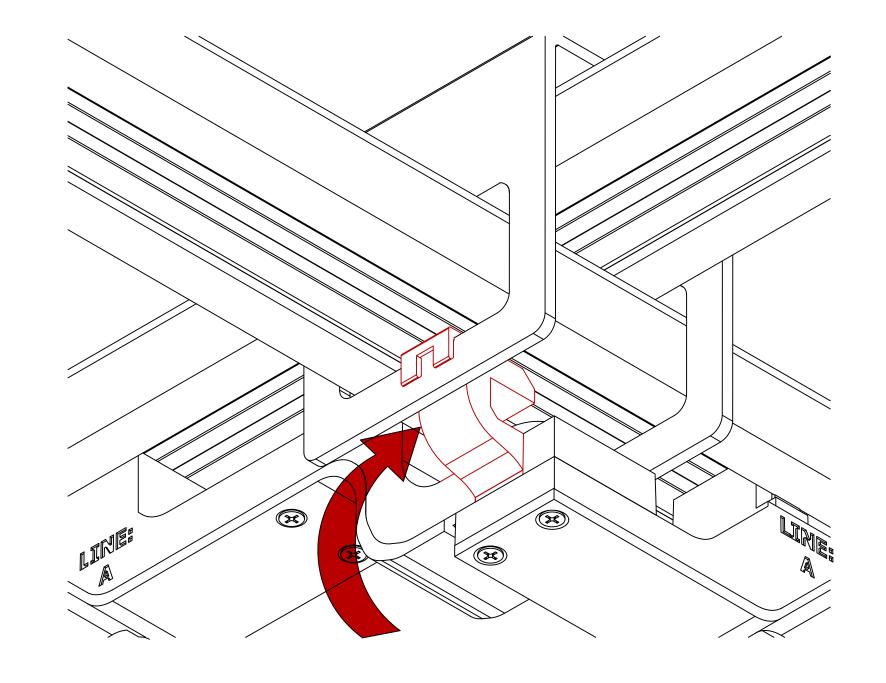


### SLIMLINE JUMPER

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

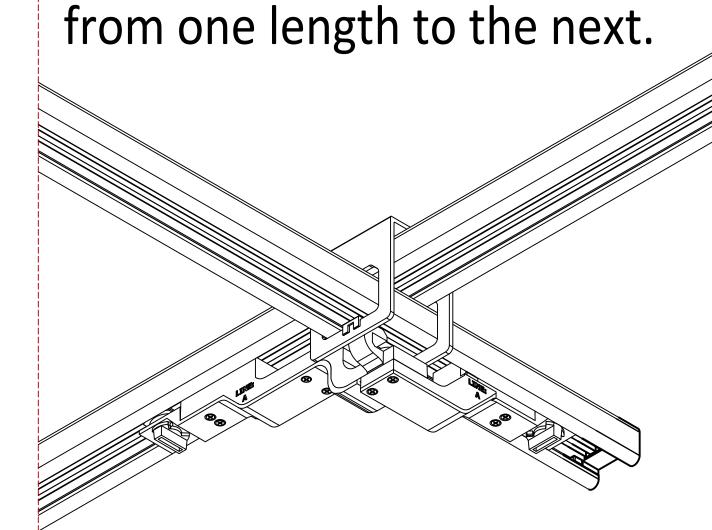


First, clip the jumper to the crossover.

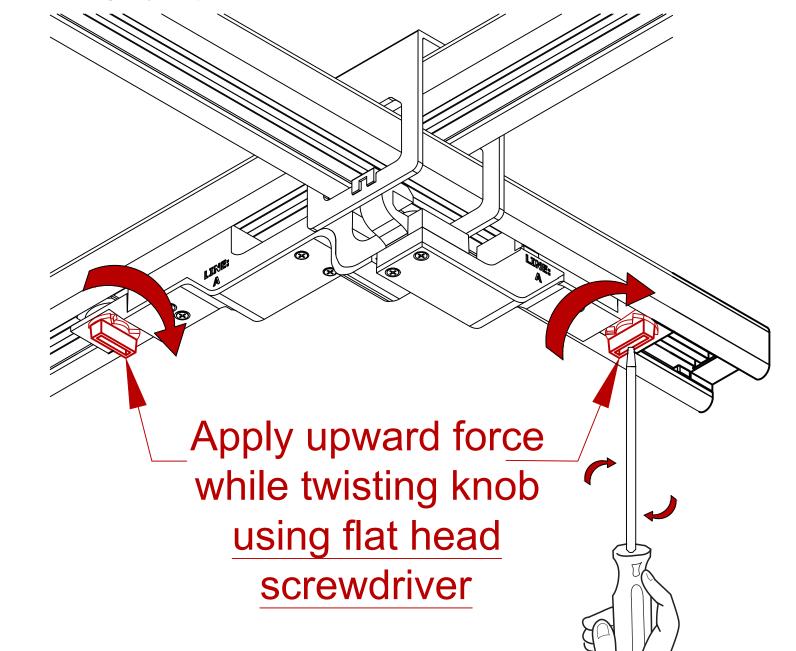


**SLIMLINE JUMPER (MD2020-UNIV-IJ2-B-X)** A single piece unit that is installed with two knobs, one

must be fully turned in each abutting length. As a result, power can continue to flow



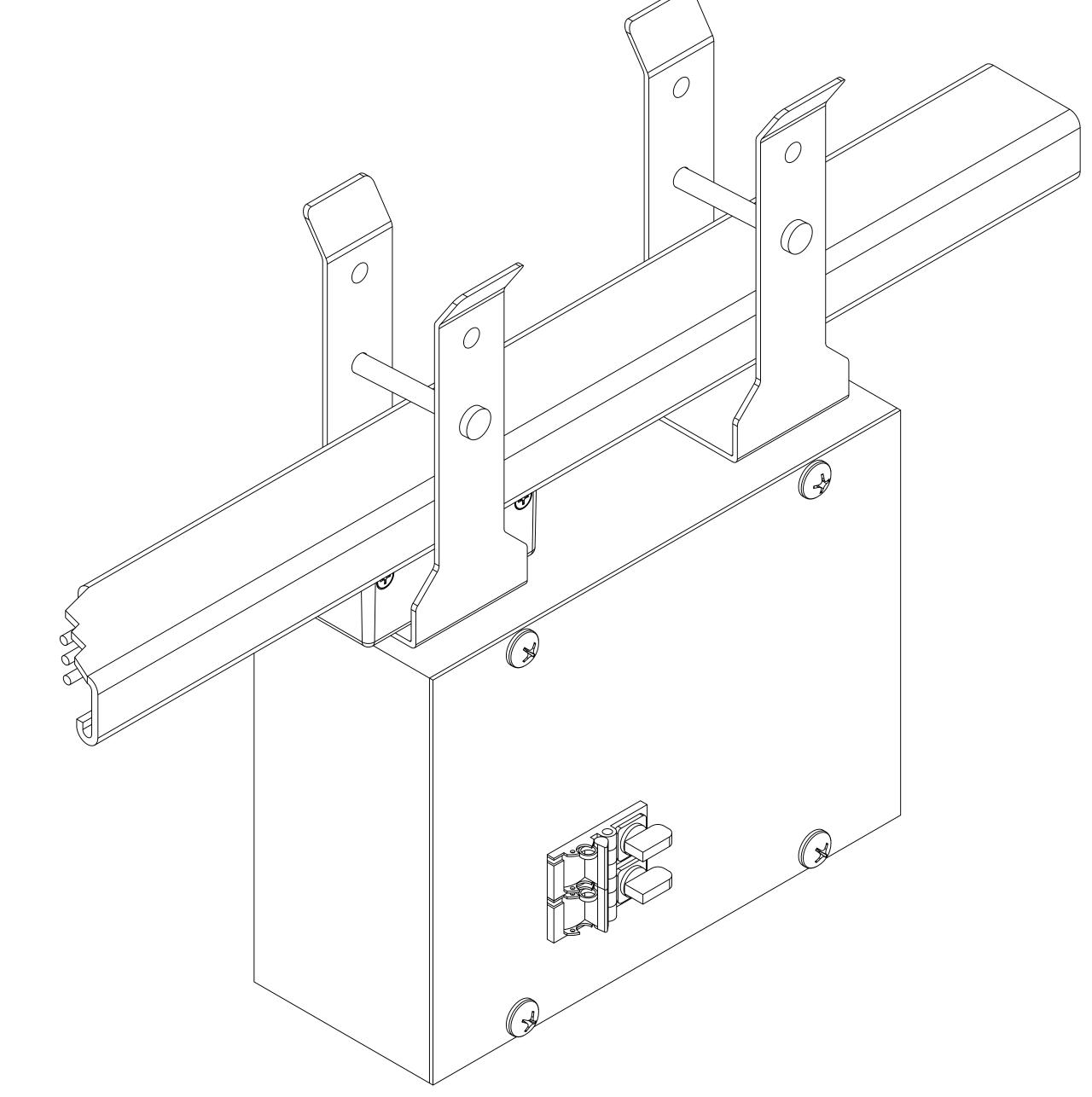
Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



### LINE FEEDS

Crosssovers can be slid into position and lifted

Install line feeds on busSTRUT to power the configuration.



## 20A LINE FEED

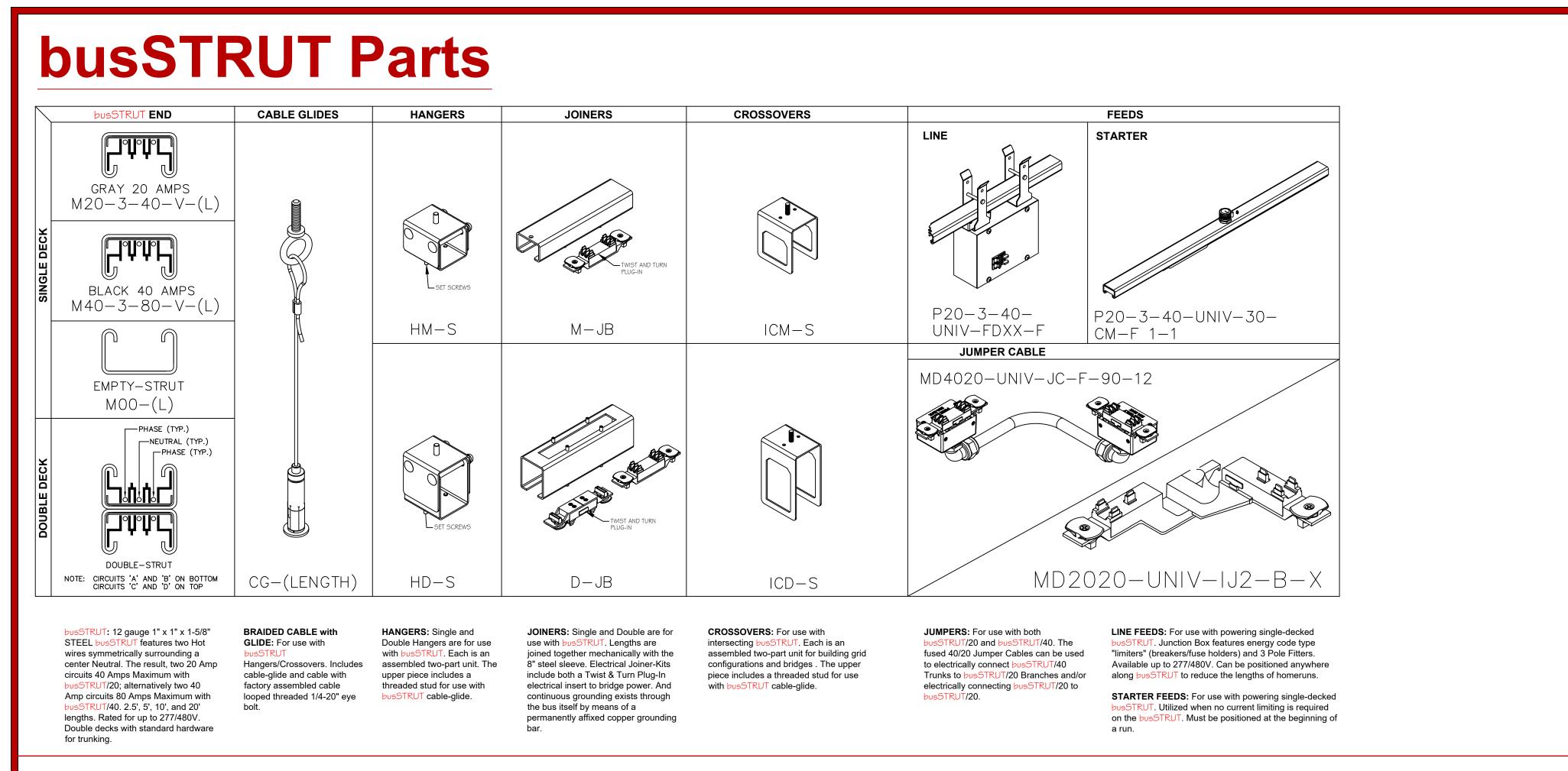
Shown on single decked busSTRUT

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

LARRY GELLER JOHN LOCH

BID/REVIEW

NOT TO SCALE DRAWING NUMBE E-b02

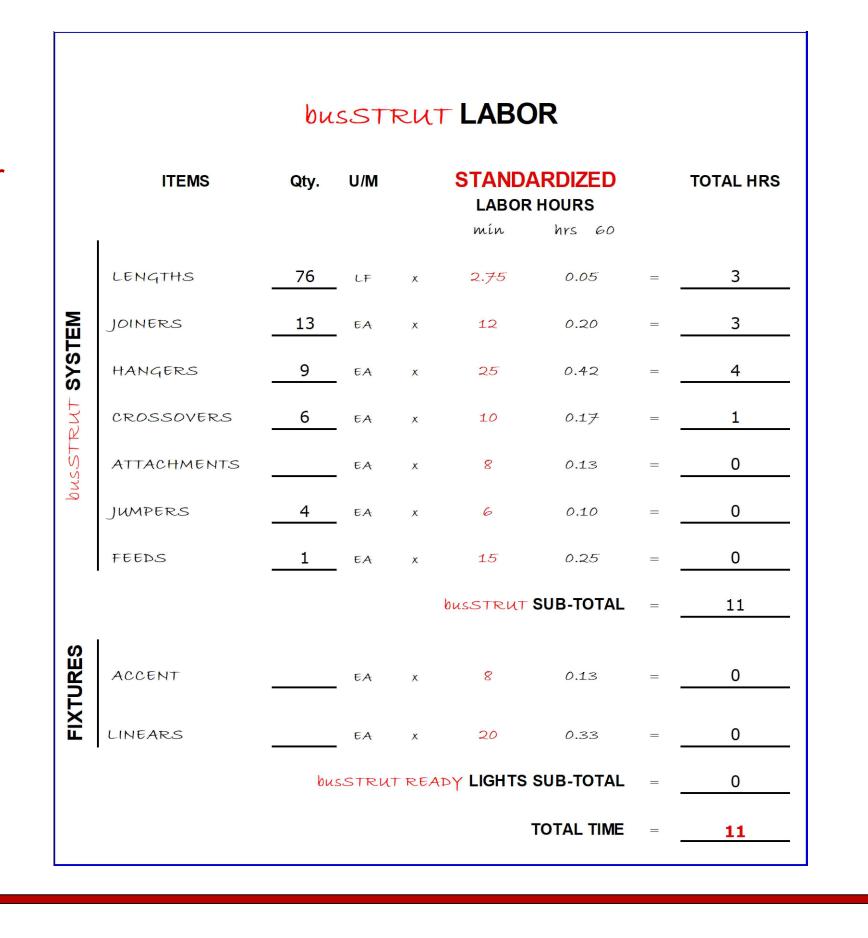


#### **Bill of Materials**

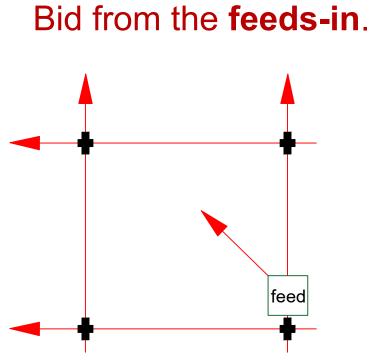
									อบรSTR	RUT Bill	of Ma	teria	s									
RECTANGLE Medium							Finish TBD:												Drawn By Checked By Date			
								Galvanized, White, or Black													/2024	
	busSTRUT LENGT																	WER				
					busSTRUT 20			Joiners			Hangers		C-GI	Xover	Jcord		Line			GEN	ACT	
<b>M20-3-40-277-2.5-F-2B</b>							INSERT	ECTRIC		BRACKET			JUMP CORD			STARTER FEED CENTER MOUNT	POWER					
			20-3-40-277-2.5-F	M20-3-40-277-3-F-2B	M20-3-40-277-5-F-2B	M20-3-40-277-7-F-2B	SINGLE	JOINER	NON-ELEC JOINER IN	SINGLE	DÉCOR	CG-E-15-B-GL		MD2020-UNIV-JCF-90-12-G02	×	P20-3-40-UNIV-JK-NB-F	CM-F 1-1	MD40-2-120-CB20-DC-XX-LE-F	BRL-4-40L-30K80-ST-WD-F	BR-LUCY-U-309-30-F-(OC)		
							M-JB-F-X	M-JI-F-X	M-JI-F-NE	HM-S-F-ST-LFX	MKU-ST-A-F		ICM-S-F-ST-X		2020-UNIV-IJ2-F		P20-3-40-UNIV-30-CN					
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	0.0																					
R1	20 20	15 15			1	1	1	3 3			1		3 2		1		1					
R2 R3	20	15	15		1	<u></u>	1	2	2		1		3	2		1						
SUB T		45	45	1	3	2	3	7			3		9	6		2		1				
R/C	Amps	LF	BF	2.5	3	5	7	M	INS	<b>NE-INS</b>	М	DB	C-GI	1/1	12"	INVS	JK	30ST	PD	ww	LUCY	
Columns																						
CI	20	15.5	15.5		2		1	3	3							1						
C2	20	15.5	15.5		2		1	3	3							1						
SUB T	31	31	2	4		2	6	6							2							
STORE	TOTAL	76.0	76.0	3	7	2	5	13	13		3		9	6		4		1				

#### **Labor Hours**

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



busSTRUT system is designed to be BID separately.

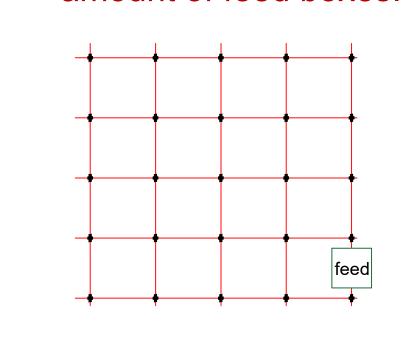


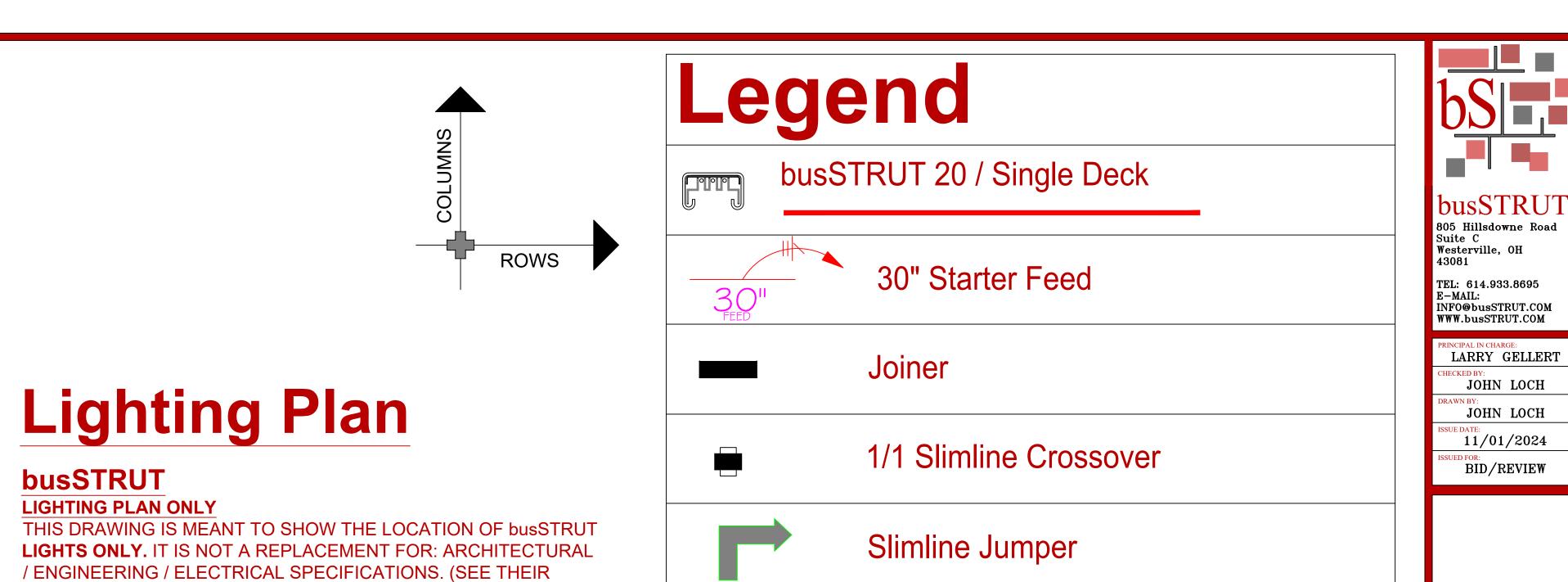
\* Powered by a minimal amount of feed boxes.

**busSTRUT** 

**DRAWINGS**)

**LIGHTING PLAN ONLY** 





PAPER SIZE:

ARCH E (48x36)

SCALE 3/4" = 1'-0"

**PRAWING NUMBER** 

**E-b1** 

C2 C1 **R1** Your Space Here **R2 R3** 

