# busSTRUT Shop Drawing Set

## Express Rectangle (Small)

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

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

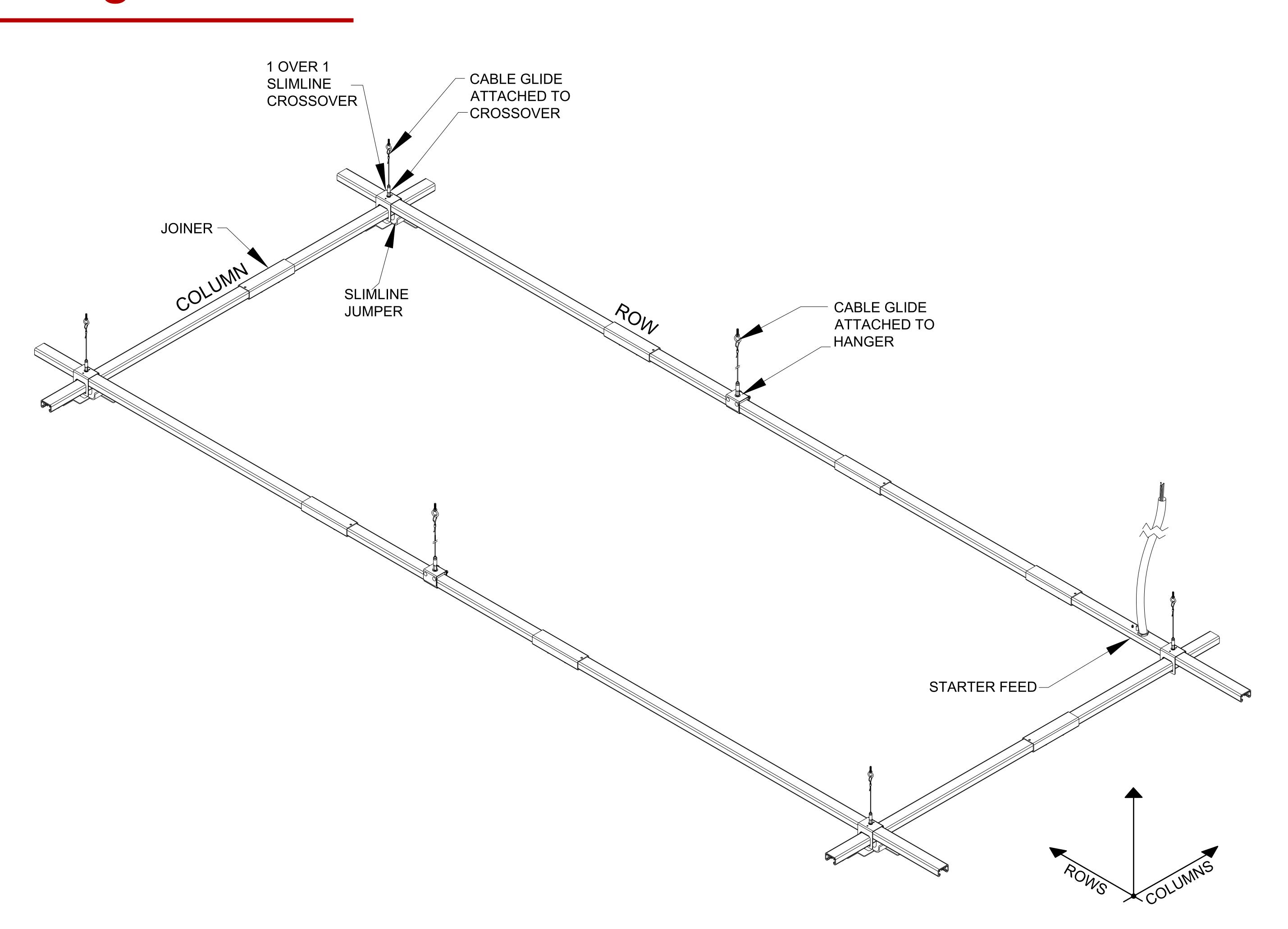
## **CONTRACTOR RESPONSIBILITIES**

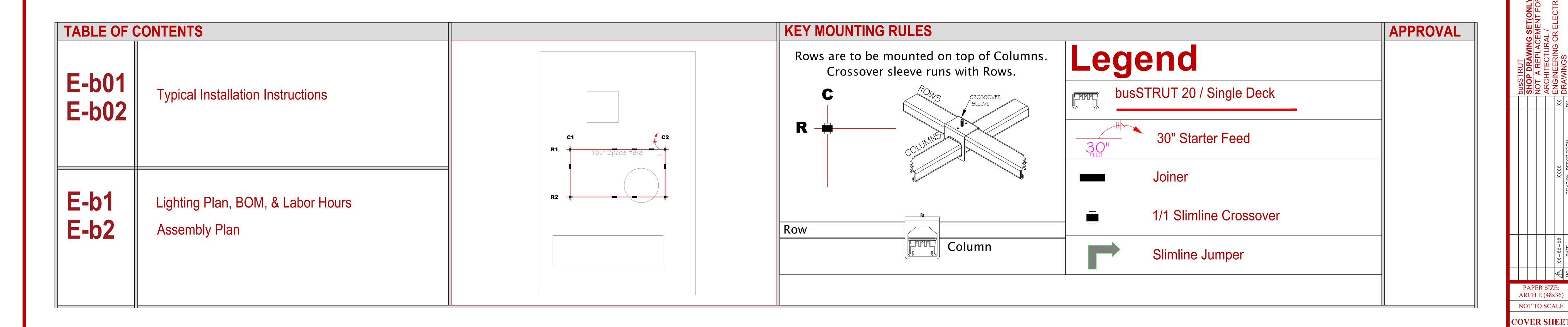
CONTRACTOR IS RESPONSIBLE FOR:

- 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.





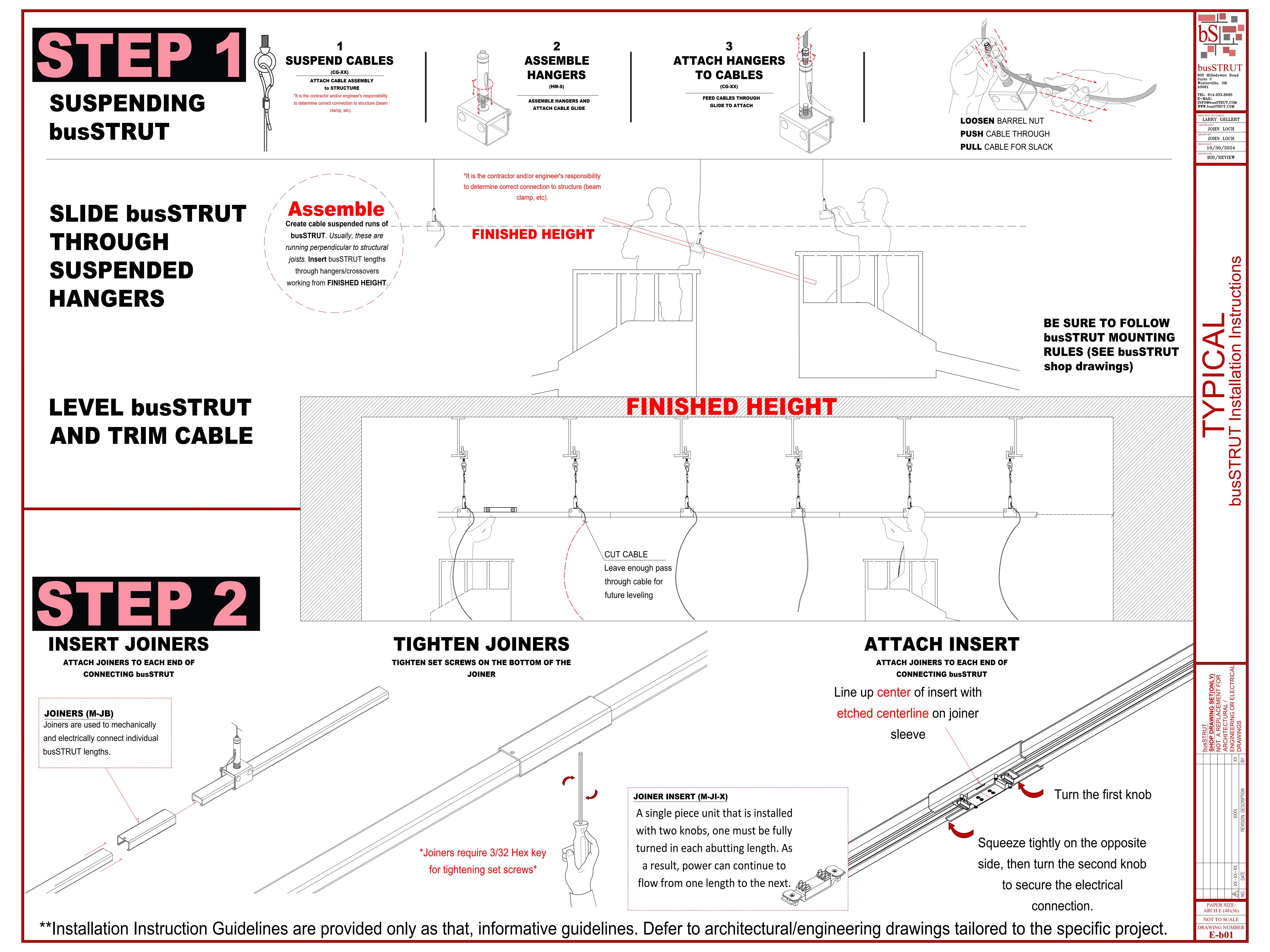
busSTRUT
805 Hillsdowne Road
Suite C
Westerville, OH
43081

PRINCIPAL IN CHARGE:
LARRY GELLERT

JOHN LOCH

10/30/2024

BID/REVIEW



## INSTALLING CROSSOVERS DROPPING ON

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

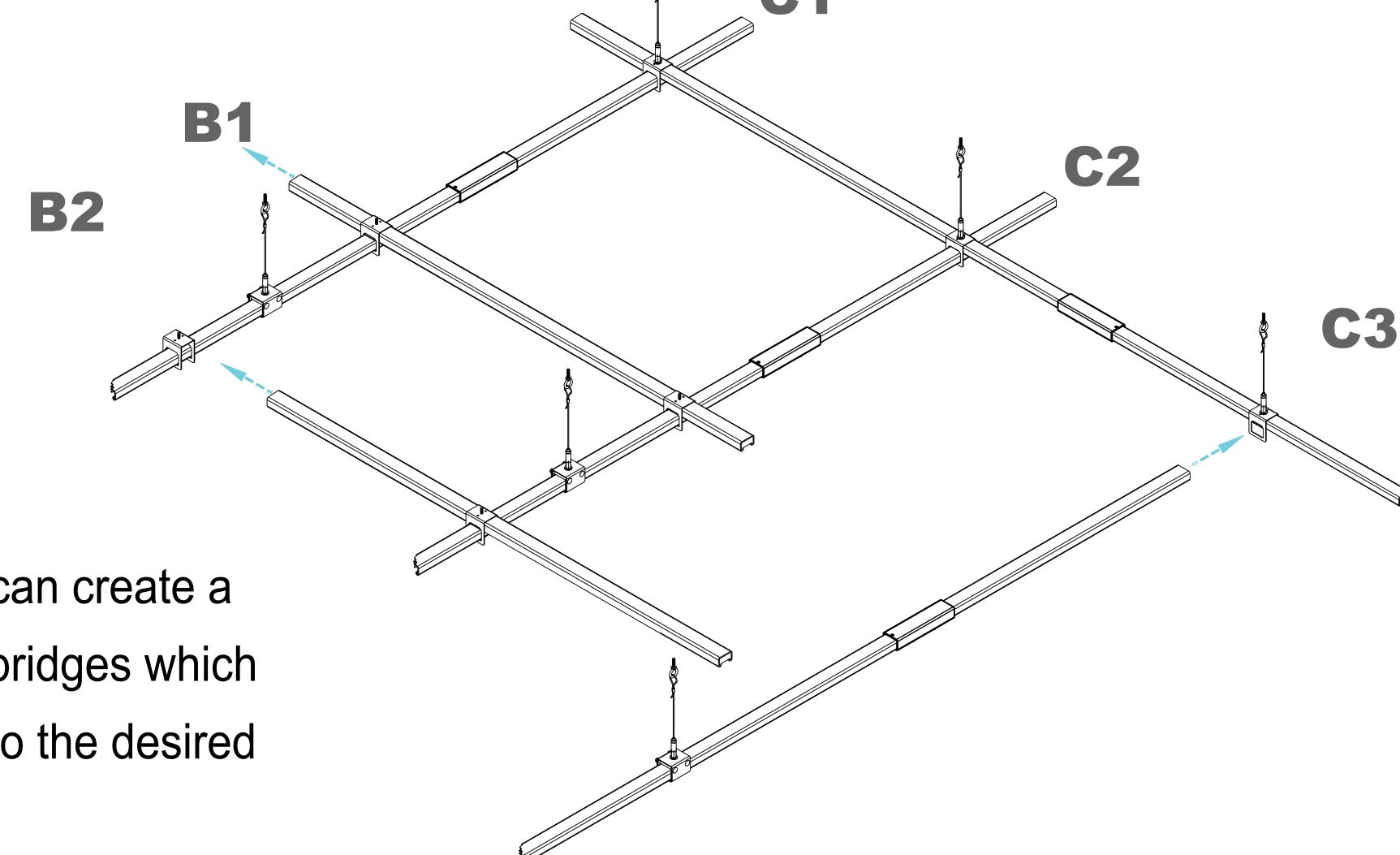
Crosssovers can be slid into position and lifted

to create perpendicular bridges.

SLIDING ON

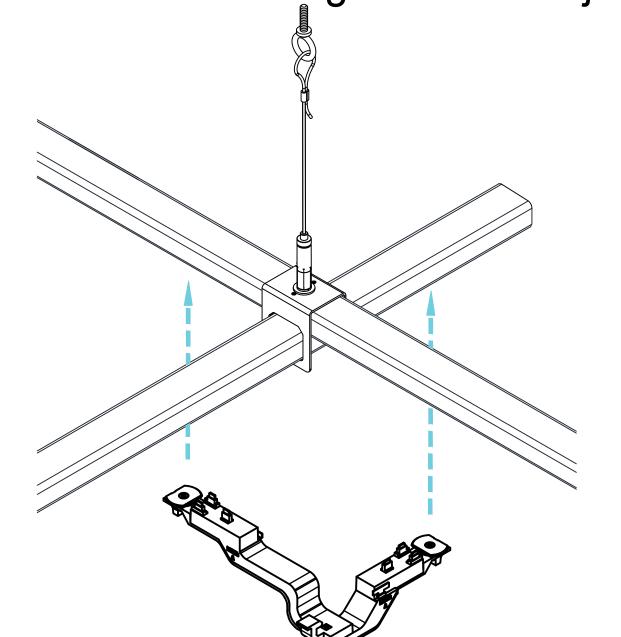
Slide perpendicular runs of busSTRUT through the crossover and tighten the set screws.

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

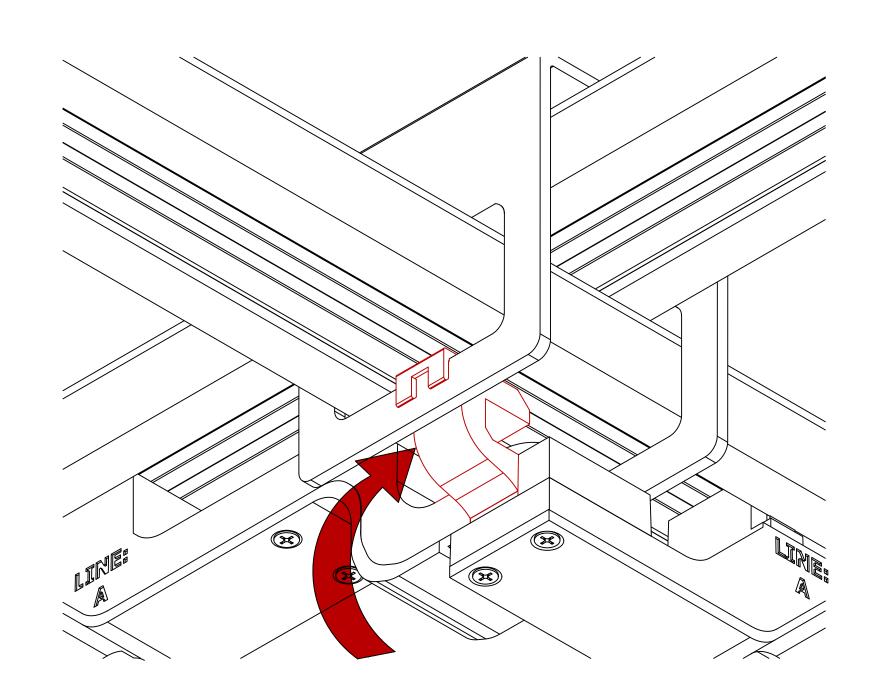


## SLIMLINE JUMPER

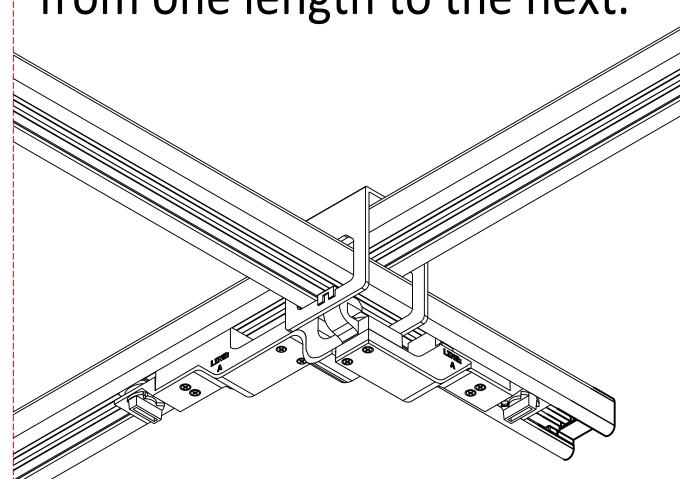
Make sure that the slimline crossover is tightened before attaching the slimline jumper.



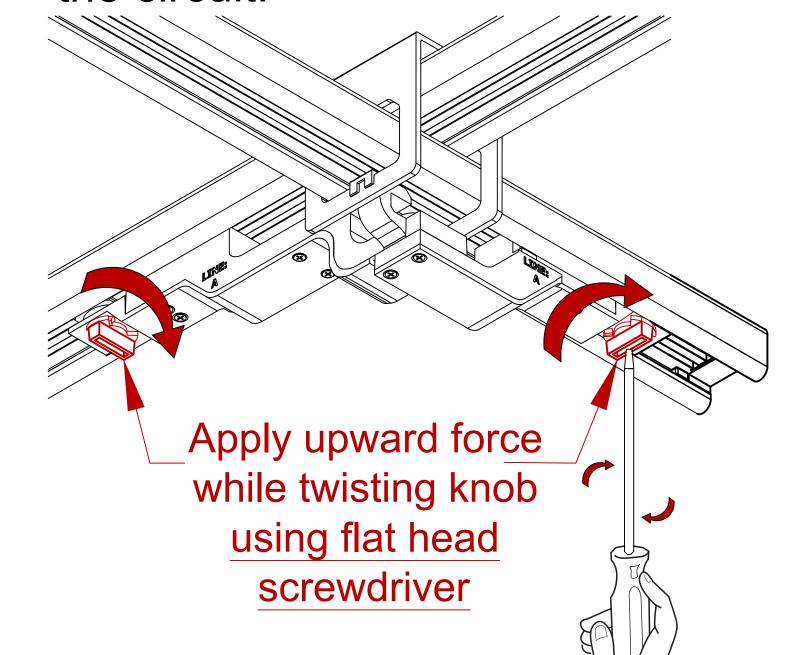
First, clip the jumper to the crossover.



**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 from one length to the next.

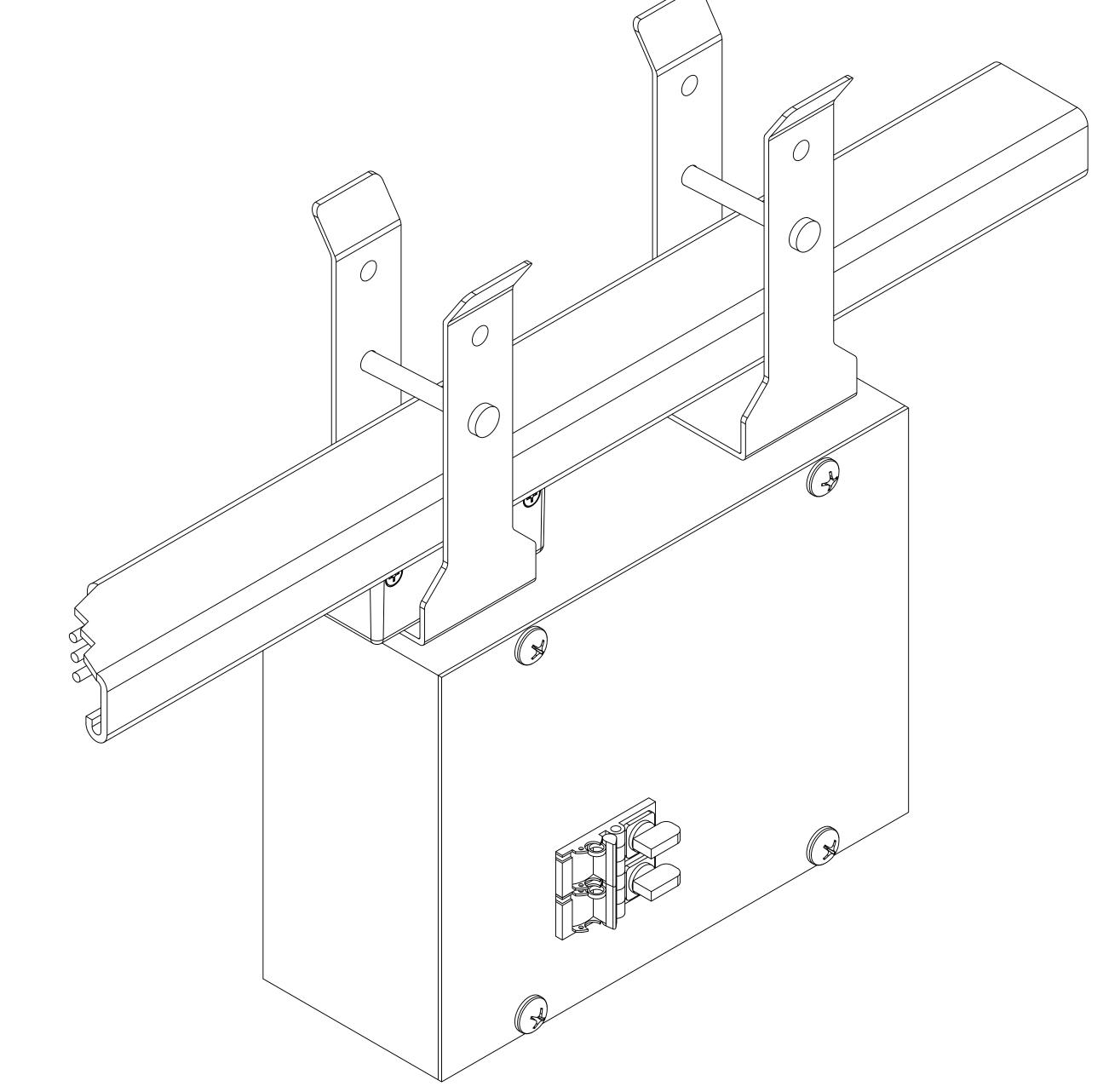


Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



## LINE FEEDS

Install line feeds on busSTRUT to power the configuration.



## 20A LINE FEED

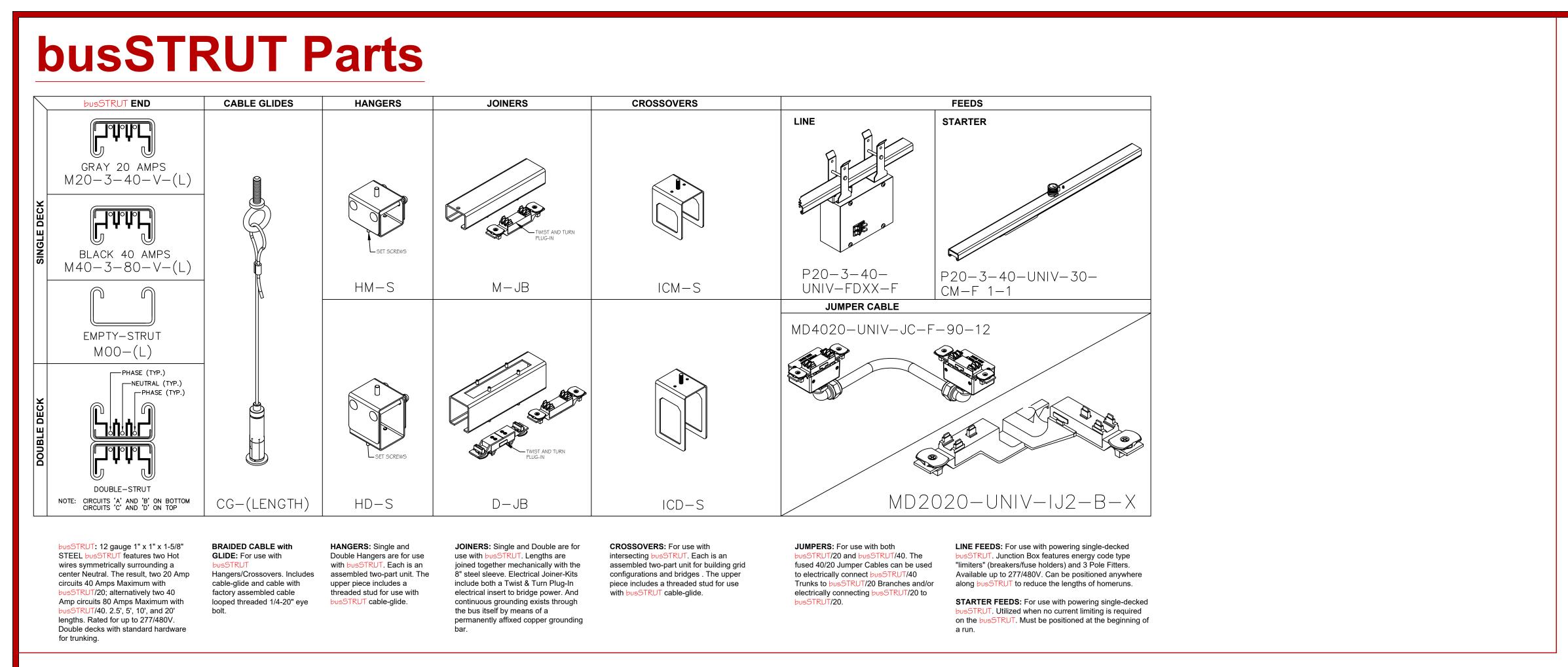
Shown on single decked busSTRUT

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

LARRY GELLER

BID/REVIEW

NOT TO SCALE DRAWING NUMBE E-b02

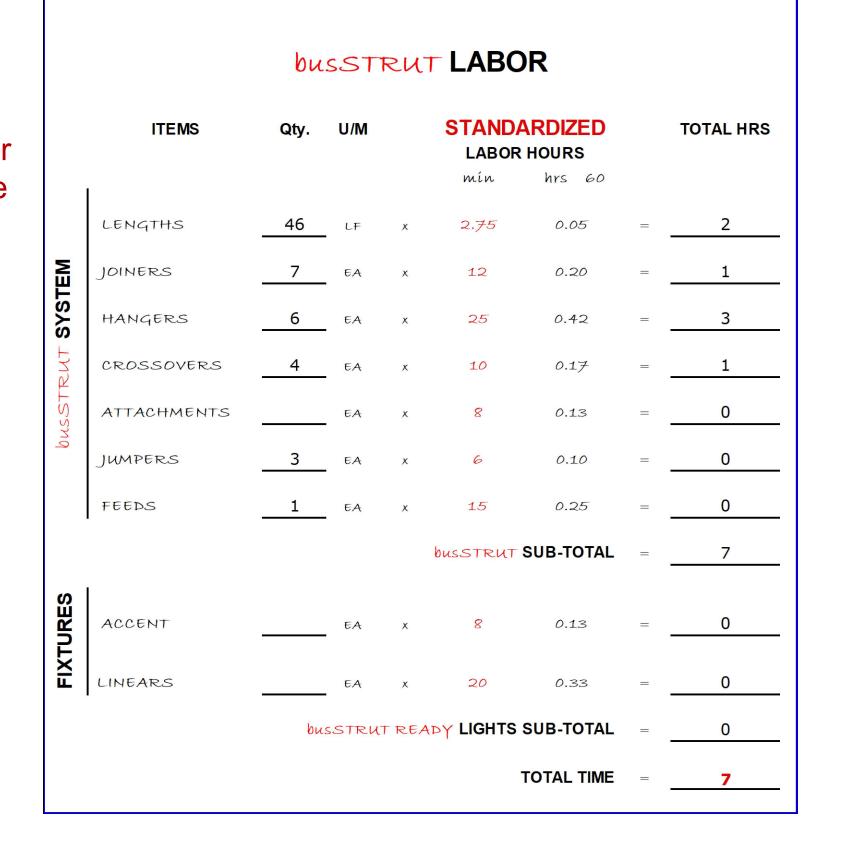


## **Bill of Materials**

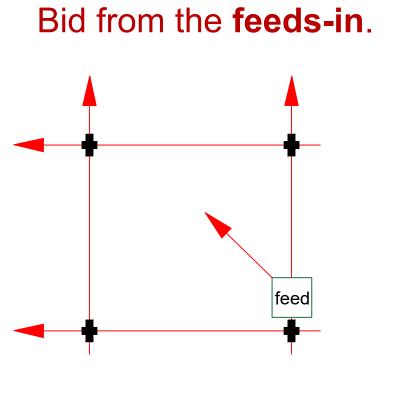
									busSTR	RUT Bill	of Ma	teria	s				•				
RECTANGLE Small								Finish TBD:												John Loch	
								Galvanized, White, or Black											Date		10/30/2024
				bus	STRU	T LENG															
		busSTRUT 20						Joiners					C-GI	Xover	Jcord	Line			GEN	ACT	
									INSERT	ECTRIC		BRACKET			JUMP CORD			STARTER FEED CENTER MOUNT	POWER		
			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	SINGLE		NON-ELE JOINER	SINGLE	DÉCOR E	CG-E-15-B-GL	ICM-S-F-ST-X	MD4020-UNIV-JCF-90-12-GO2	MD2020-UNIV-IJ2-F-X	P20-3-40-UNIV-JK-NB-F	:M-F 1-1	XX-LEF	BRL-4-40L-30K80-ST-WD-F	BR-LUCY-U-309-30-F-(OC)	
							M-JB-F-X	M-JI- <mark>F</mark> -X	M-JI-F-NE	HM-S-F-ST-LFX	MKU-ST-A-F						P20-3-40-UNIV-30-CN	MD40-2-120-CB20-DC			
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 R2	20	15	15			- 1	1	3 3		1		3	2		4		1				
SUB T		15 15 <b>30 30</b>			2	1	2	5	5 5		2		5	6 4			1				
R/C	Amps	LF	BF	2.5	3	5	7	M		NE-INS	M	DB	C-GI	1/1	12"	INVS	JK	30ST	PD	GEN	ACT
Columns												-		_,_							
СТ	20	8 8		1		1		1 1									1				
C2	20	8	8 8		1		1		1 1							1					
SUB T	OTAL	16	16		2	2		2	2 2					2							
STORE	ΤΩΤΛΙ	46.0	46.0	4	4	2	2	7	7	1	2		6	Л		2		1			
STORE	TOTAL	70.0	40.0	-	4	3		/	/		2		U	4		3		1			

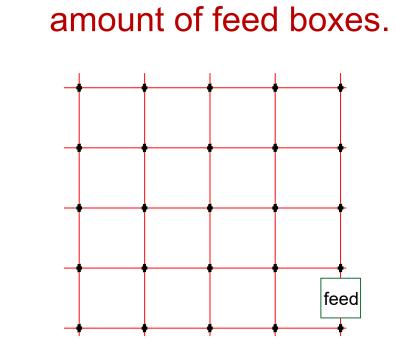
## **Labor Hours**

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

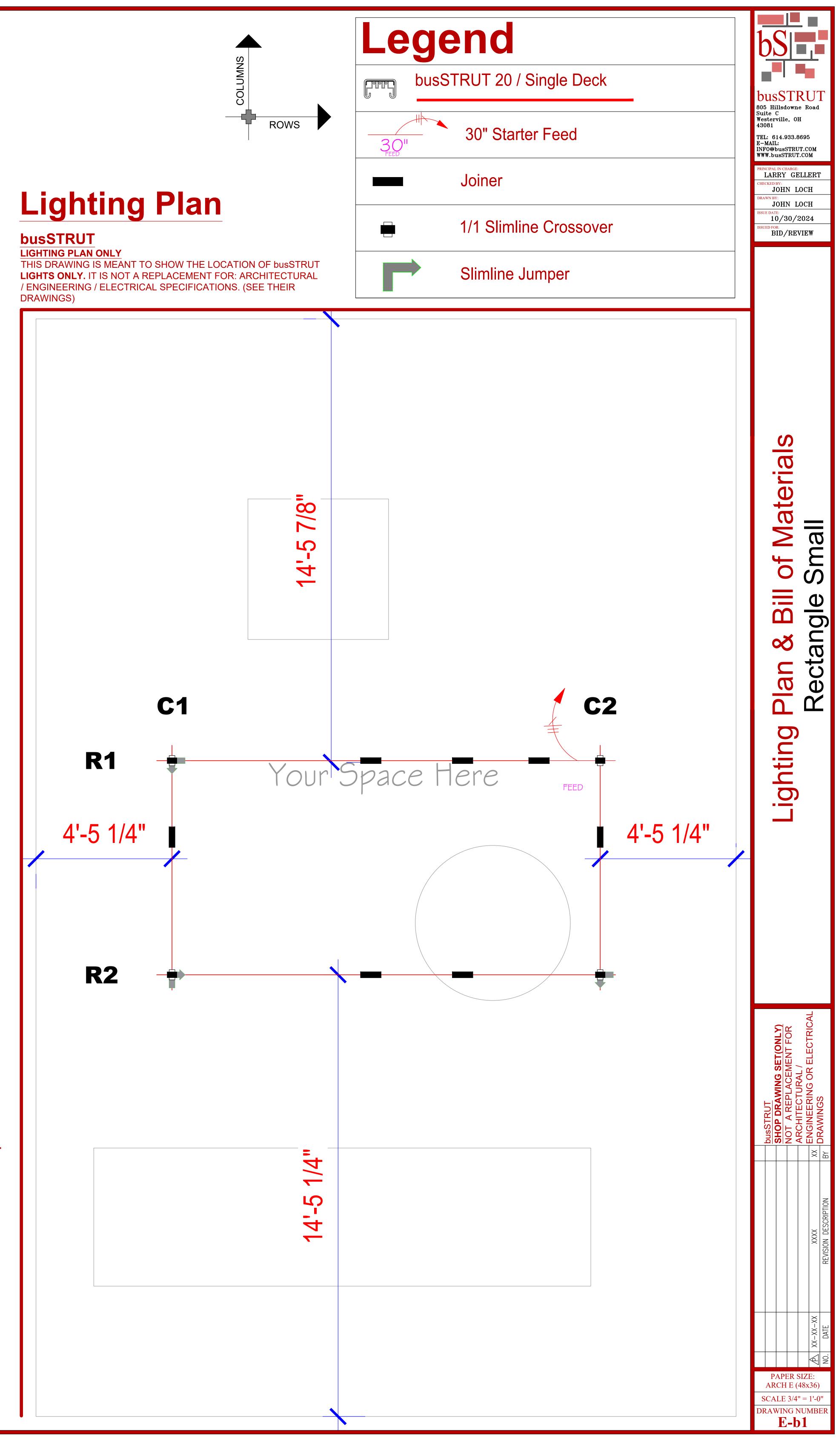


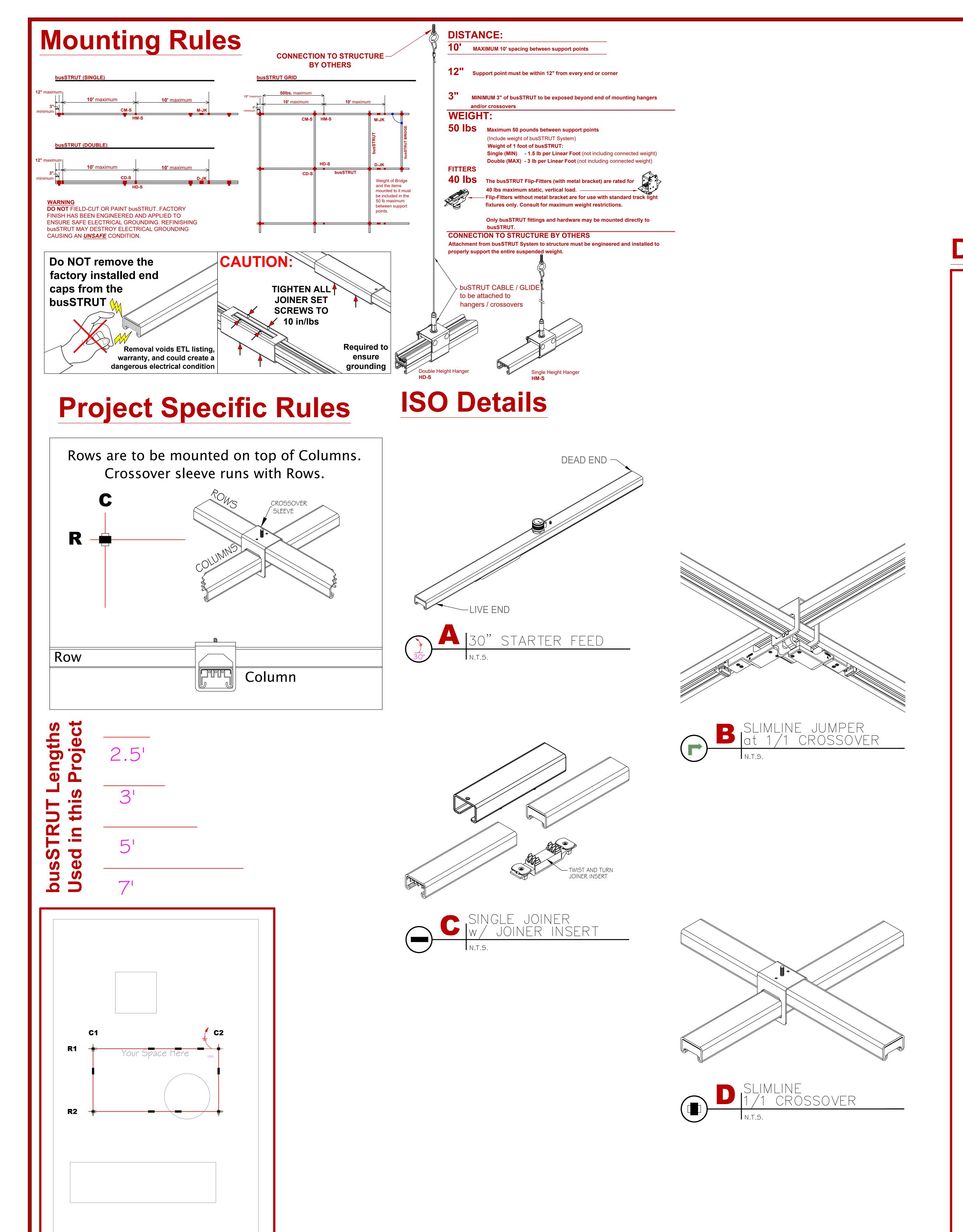
busSTRUT system is designed to be BID separately.

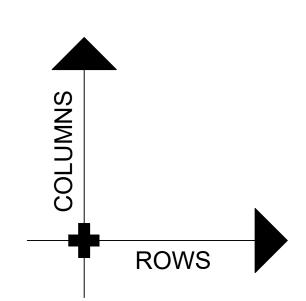


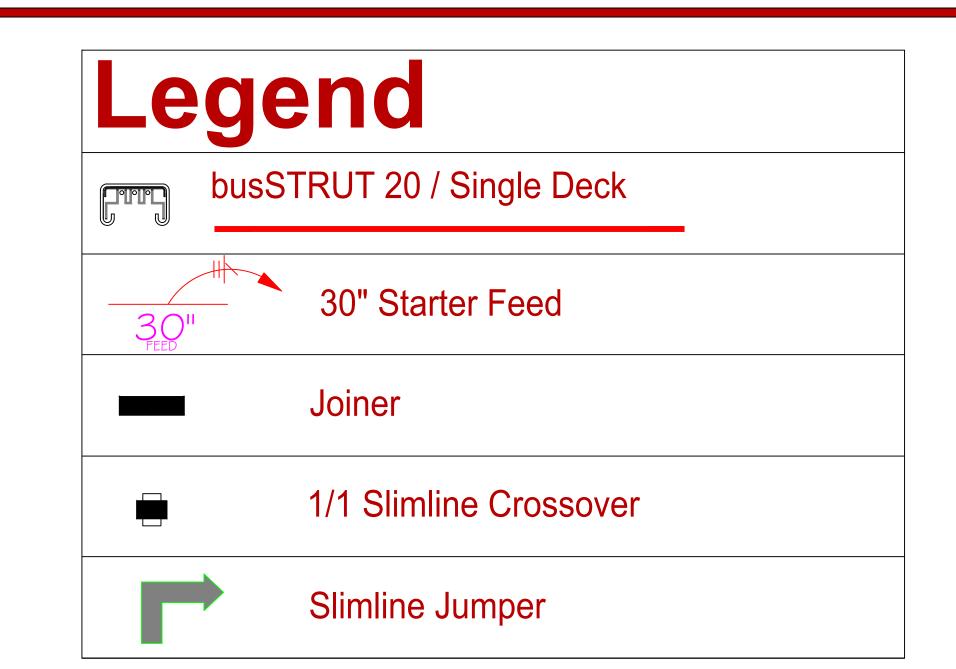


\* Powered by a minimal









# busstrut 805 Hillsdowne Road Suite C Westerville, OH 43081 TEL: 614.933.8695 E-MAIL: INFO@busstrut.com www.busstrut.com PRINCIPAL IN CHARGE: LARRY GELLERT

NCIPAL IN CHARGE:
LARRY GELLERT

GCKED BY:
JOHN LOCH

AWN BY:
JOHN LOCH

JE DATE:
10/30/2024

JED FOR:
BID/REVIEW

## Dimensions

