busSTRUT Shop Drawing Set

Express Rectangle (Small) - Lights

busSTRUT SHOP DRAWING SET (ONLY)

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

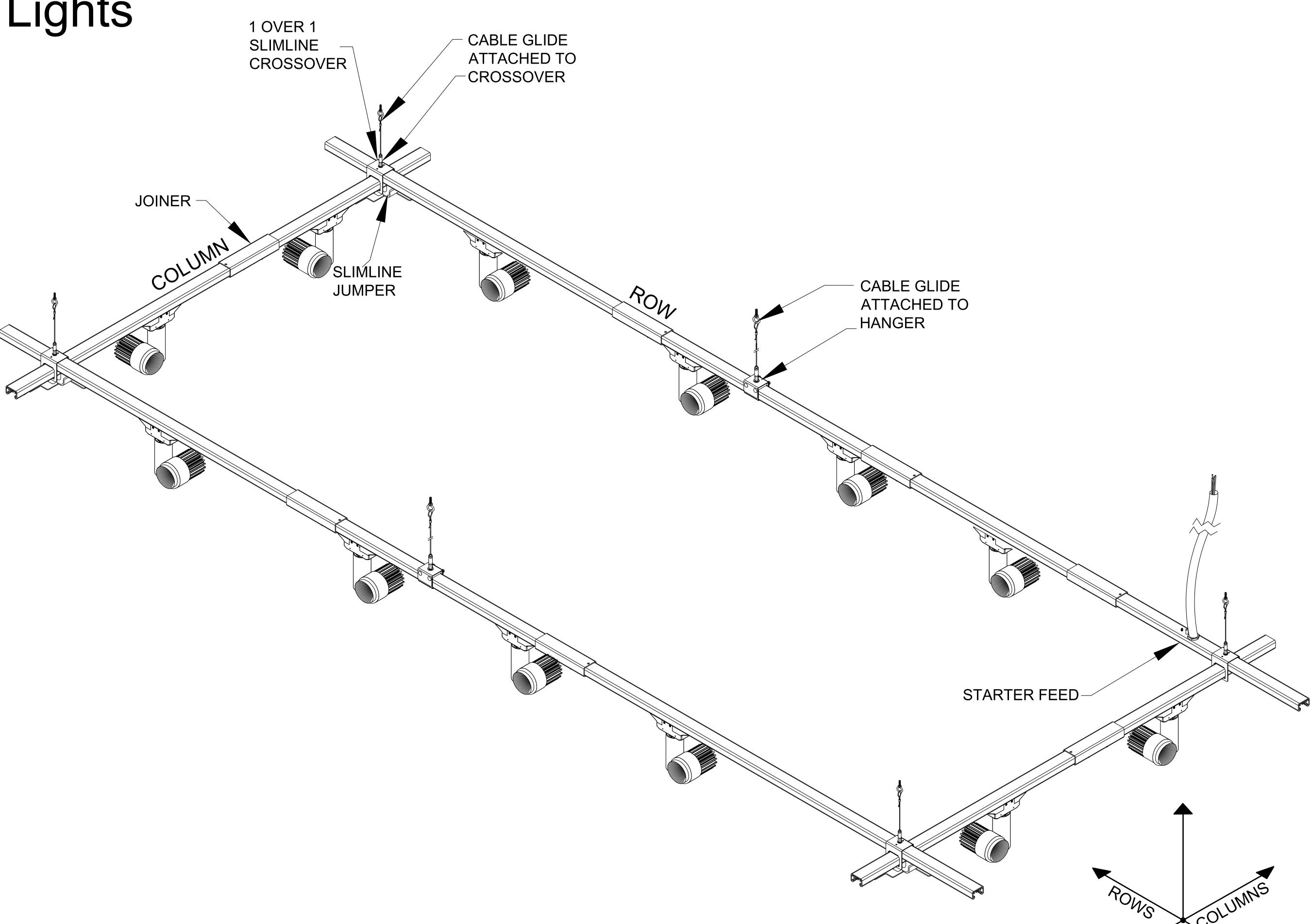
CONTRACTOR RESPONSIBILITIES

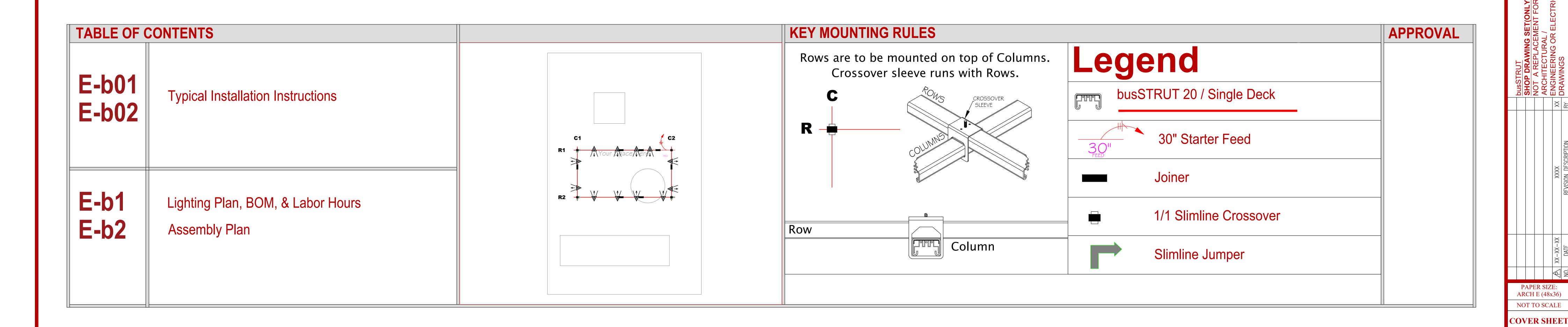
CONTRACTOR IS RESPONSIBLE FOR:

- 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

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Suite C
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43081

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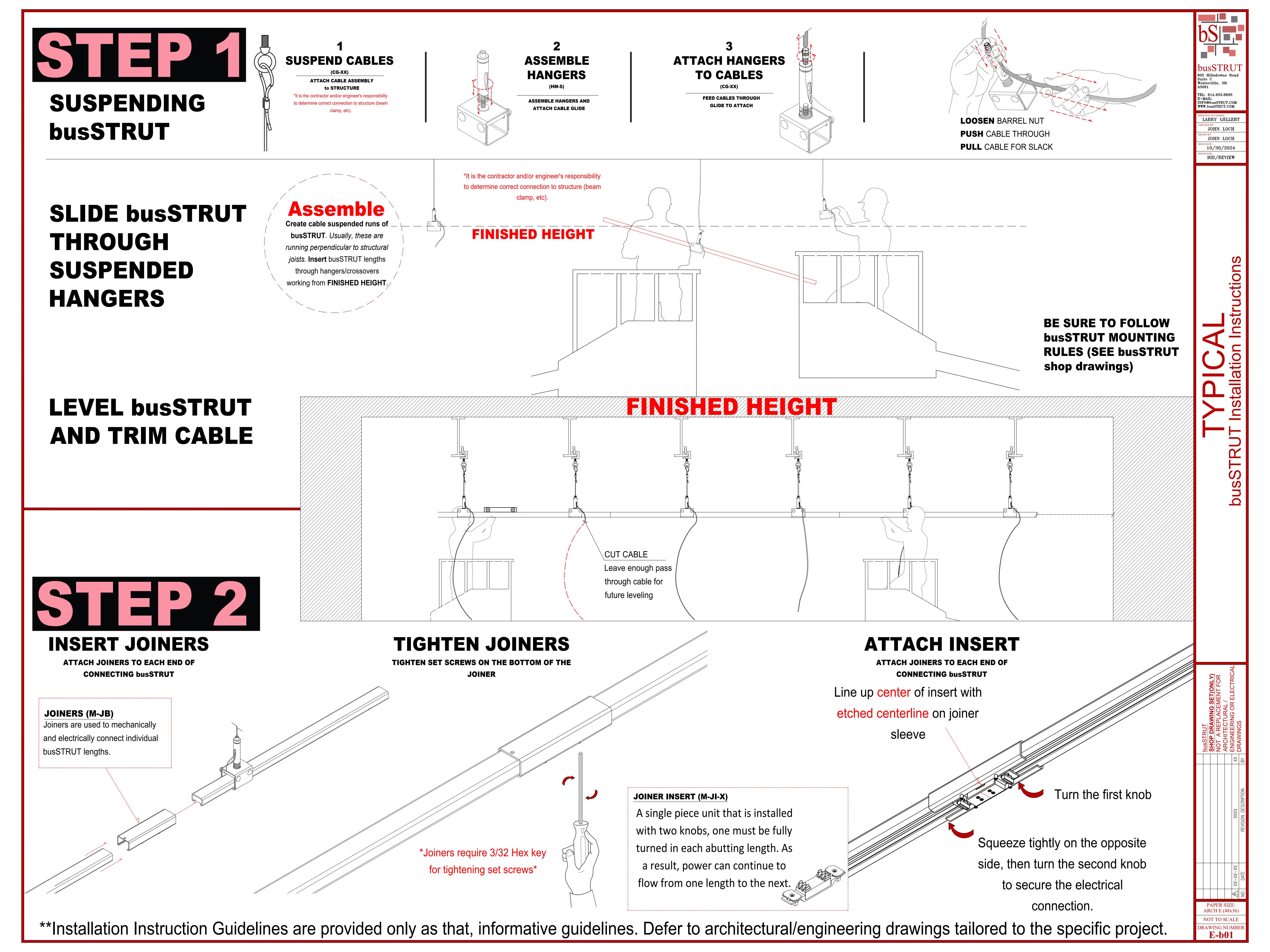
PRINCIPAL IN CHARGE:
LARRY GELLERT

CHECKED BY:
JOHN LOCH

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.

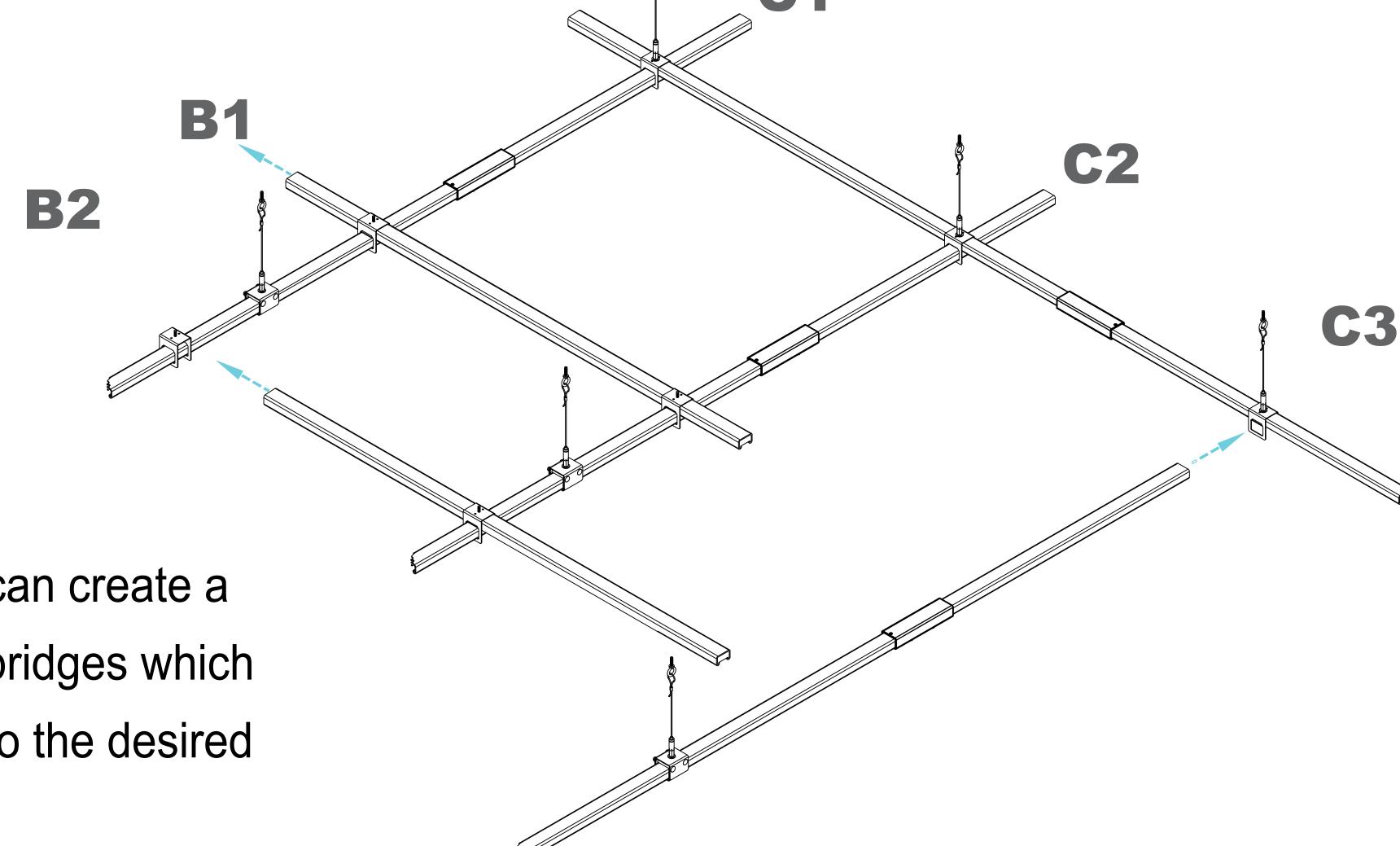
Slide perpendicular runs of busSTRUT through the crossover and tighten the set

SLIDING ON

to create perpendicular bridges.

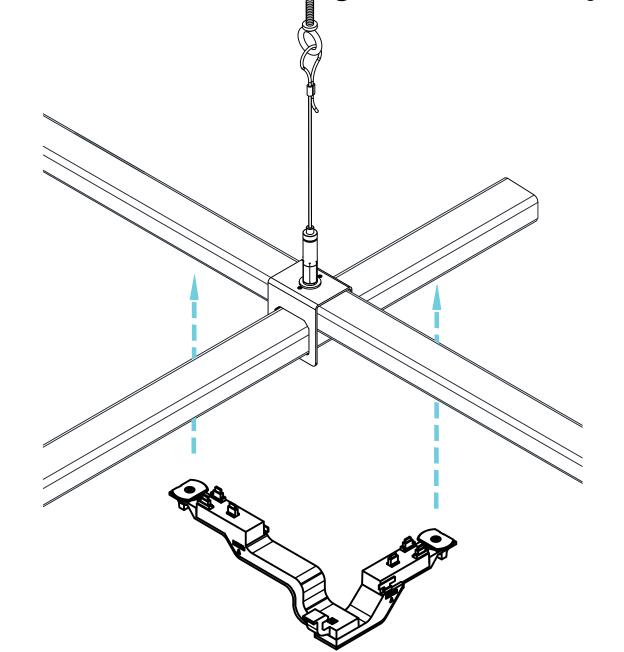
screws.

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

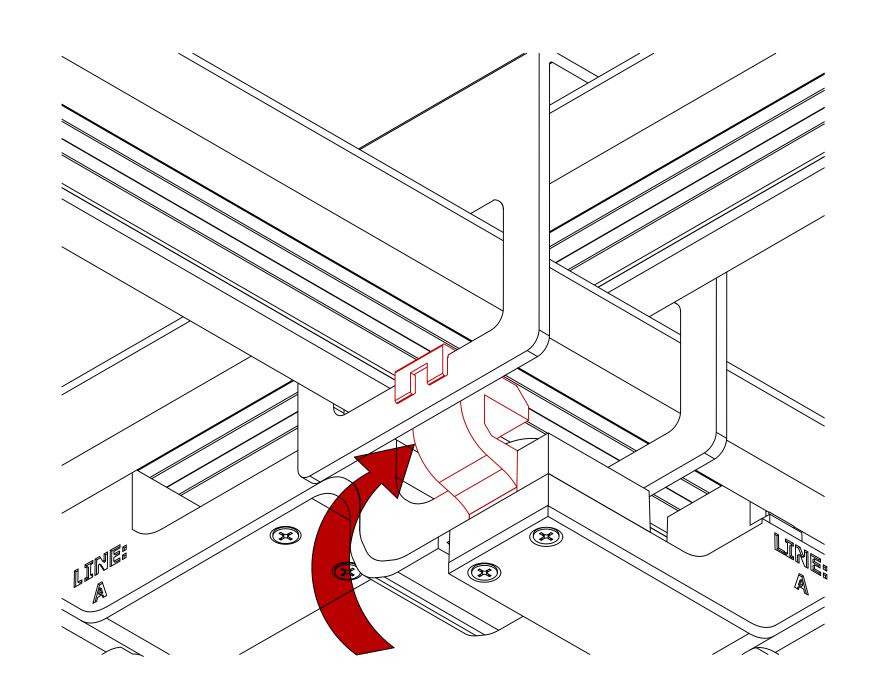


SLIMLINE JUMPER

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



First, clip the jumper to the crossover.

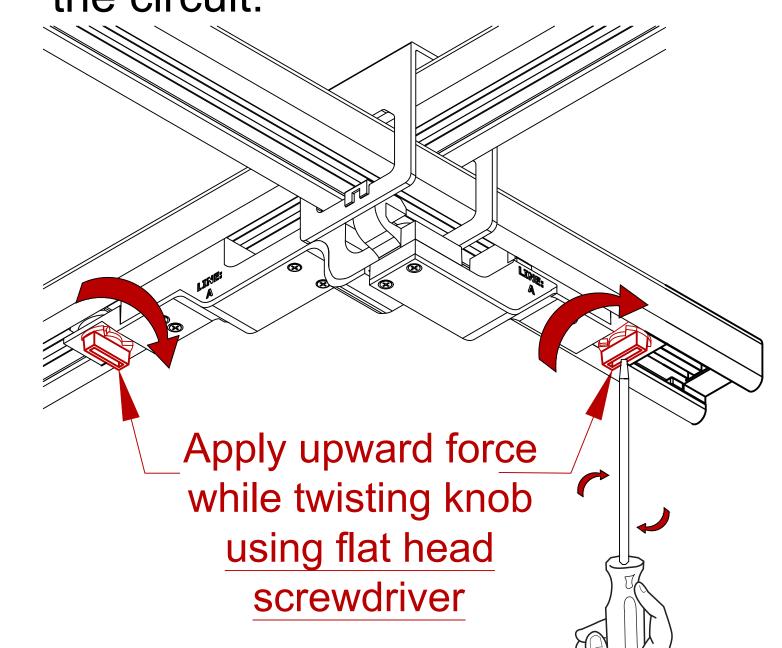


A single piece unit that is installed with two knobs, one must be fully turned in each abutting length. As a result,

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

power can continue to flow from one length to the next.

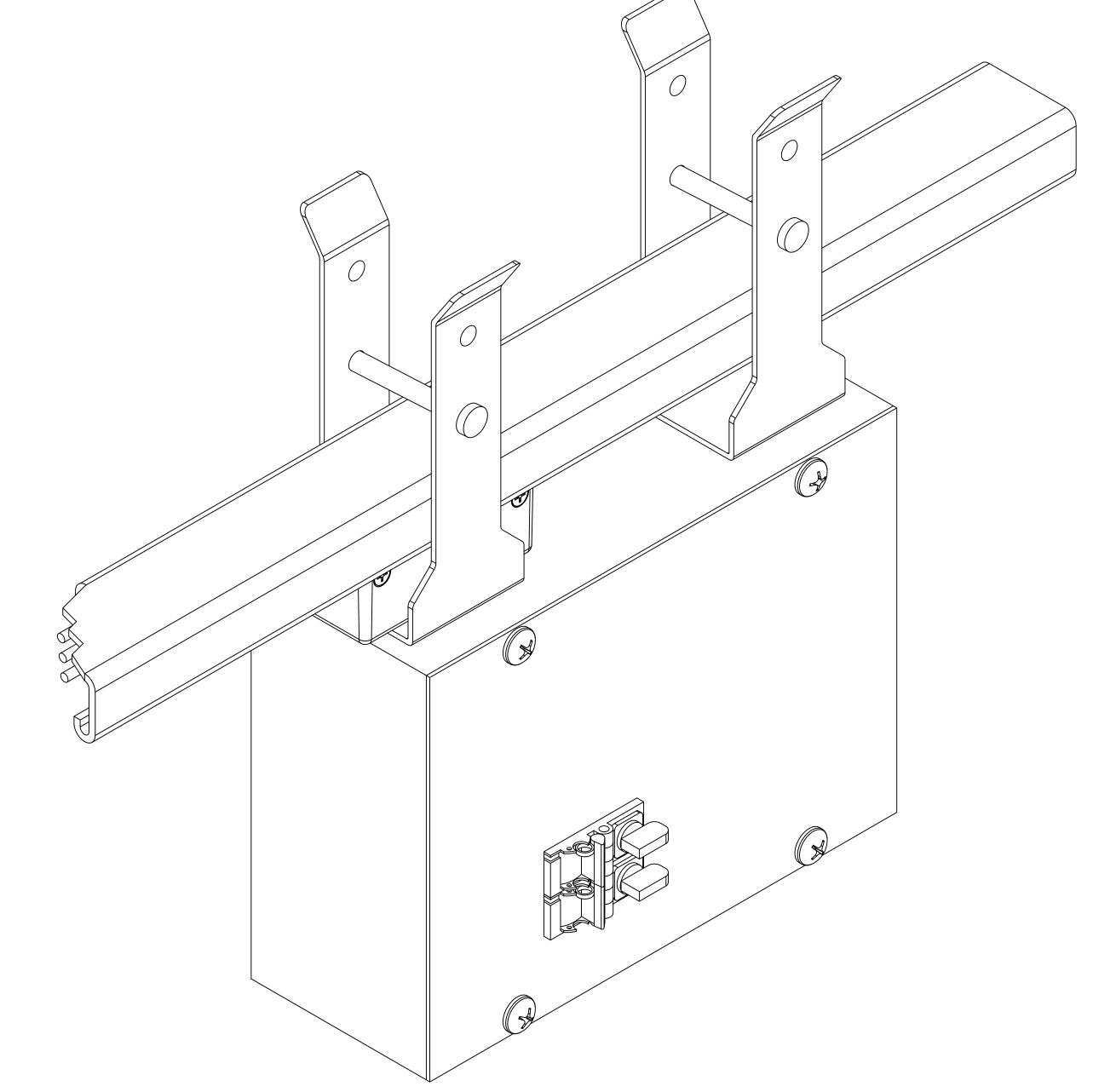
Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



LINE FEEDS

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

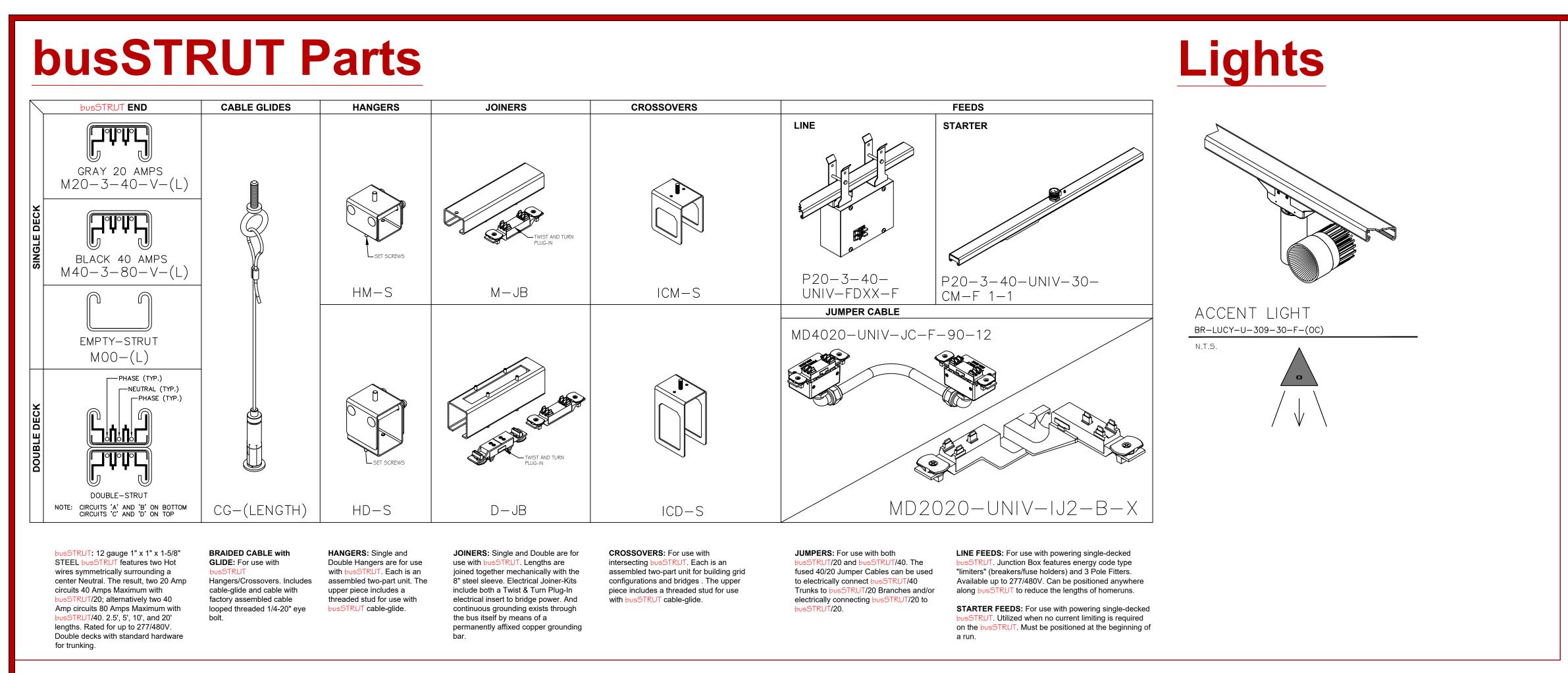
**Installation Instruction Guidelines are provided only as that, informative guidelines. Defer to architectural/engineering drawings tailored to the specific project.

LARRY GELLER

BID/REVIEW

ARCH E (48x36

NOT TO SCALE DRAWING NUMBE **E-b02**

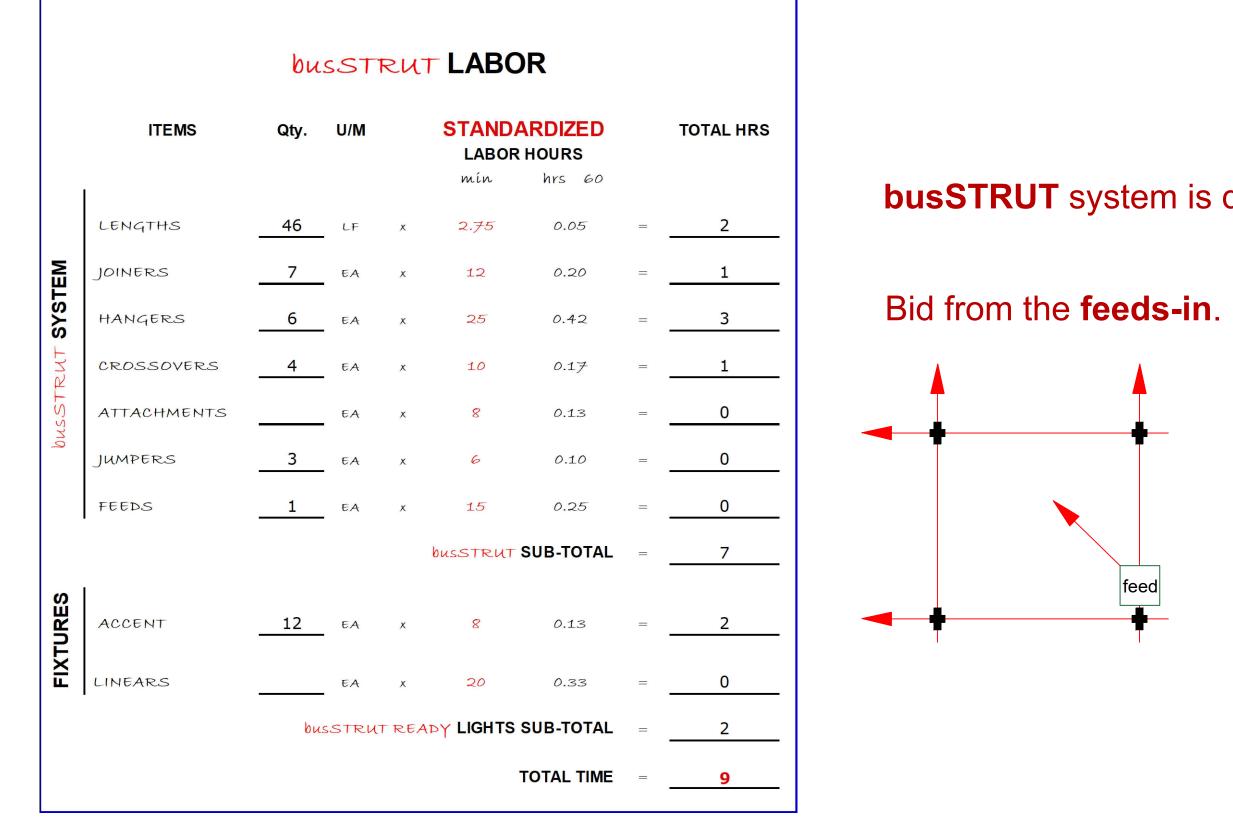


Bill of Materials

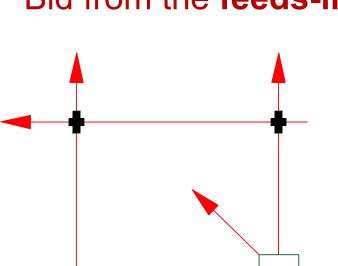
									วบรSTR	RUT Bill	of Ma	teria	ls									
RECTANGLE Small LT							Finish TBD:												Drawn By Checked By			
				Galvanized, White, or Black												Date		10/30/2024				
busSTRUT LENGT							THS			UT PO	OWER											
	busSTRUT 20					Joiners				Hangers C-G		C-GI	Xover	Jcord	Line		ine		GEN	ACT		
									INSERT	ECTRIC		BRACKET			JUMP CORD			STARTER FEED CENTER MOUNT	19			
			2B	M20-3-40-277-3-F-2B	M20-3-40-277-5-F-2B	M20-3-40-277-7-F-2B	SINGLE	JOINER	NON-ELE JOINER	SINGLE	DÉCOR	CG-E-15-B-GL	ICM-S-F-ST-X	-12-G02		P20-3-40-UNIV-JK-NB-F	M-F 1-1	C-XX-LE-F	BRL-4-40L-30K80-ST-WD-F	BR-LUCY-U-309-30-F-(OC)		
			M20-3-40-277-2.5-F-2				M-JB-F-X	M-JI-F-X	M-JI-F-NE	HM-S-F-ST-LFX	MKU-ST-A-F			4020-UNIV-JCF-9			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																						
RI	20	15	15		1	2	1	3	3		1		3	2				1			4	
R2	20	15	15		1	1	1	2	2		1		3	2		1					4	
SUB T	Amps	30 LF	30 BF	2.5	3	5	7	5	INS	NE-INS	<u>2</u> M	DB	C-GI	1/1	12"	INVS	JK	30ST	PD	GEN	ACT 8	
Columns	Allips	LI	Di	213	3	3			1110	IVE INS	141		0 01	-/-		11443	JK	3031	10	JLII	ACI	
СІ	20	8	8		1	1		1	1							1					2	
C2	20	8	8		1	1		1	1							1					2	
SUB TOTAL		16	16		2	2		2	2							2					4	
														1	ı							
STORE	TOTAL	46.0	46.0	1	4	3	2	7	7		2		6	4		3		1			12	

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.



amount of feed boxes. + + + + +

* Powered by a minimal

Legend

busSTRUT 20 / Single Deck

30" Starter Feed

Joiner

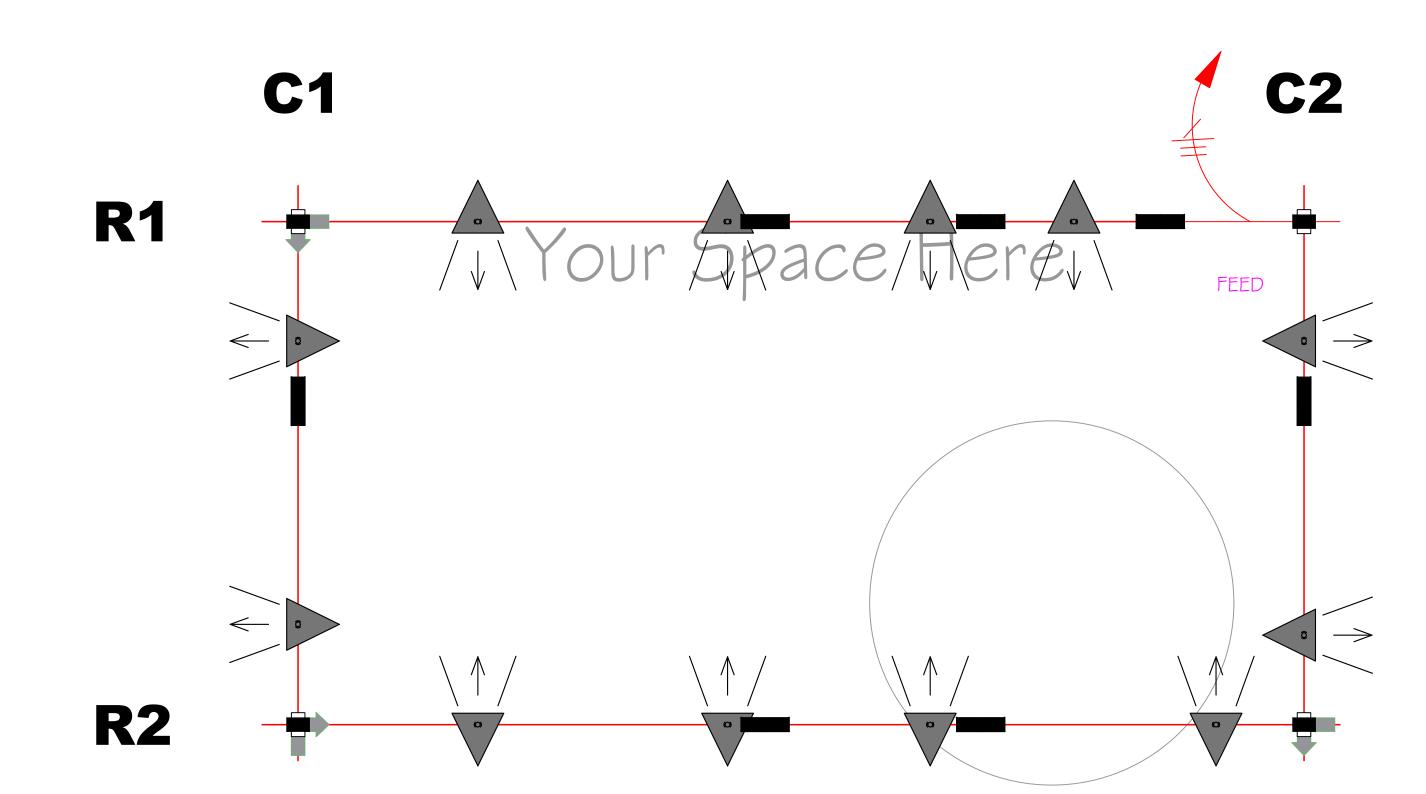
1/1 Slimline Crossover

Slimline Jumper

Lighting Plan

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)



PAPER SIZE: ARCH E (48x36) SCALE 3/4" = 1'-0" DRAWING NUMBER **E-b1**

JOHN LOCH 10/30/2024 BID/REVIEW

busSTRUT

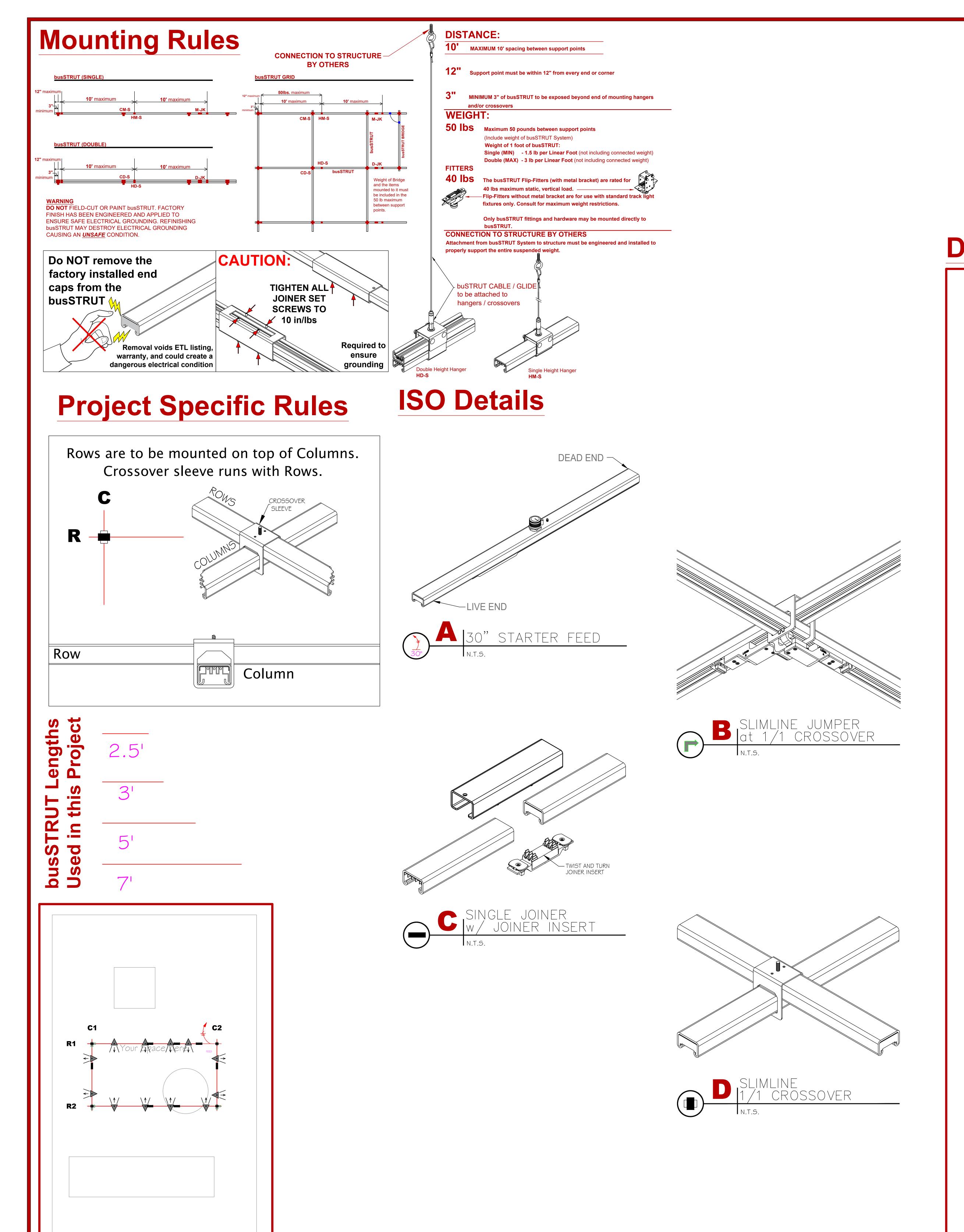
805 Hillsdowne Road Suite C Westerville, OH 43081

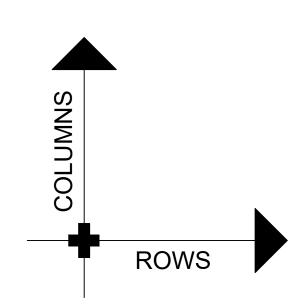
TEL: 614.933.8695 E-MAIL: INFO@busSTRUT.COM WWW.busSTRUT.COM

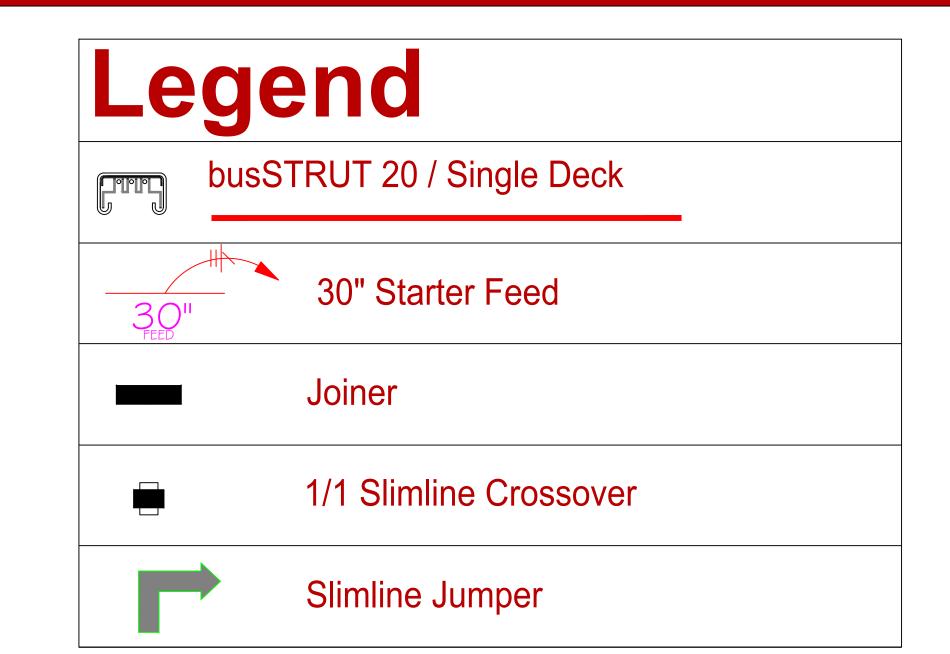
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CKED BY:

JOHN LOCH

WN BY:

JOHN LOCH

DE DATE:

10/30/2024

DED FOR:

BID/REVIEW

Dimensions

