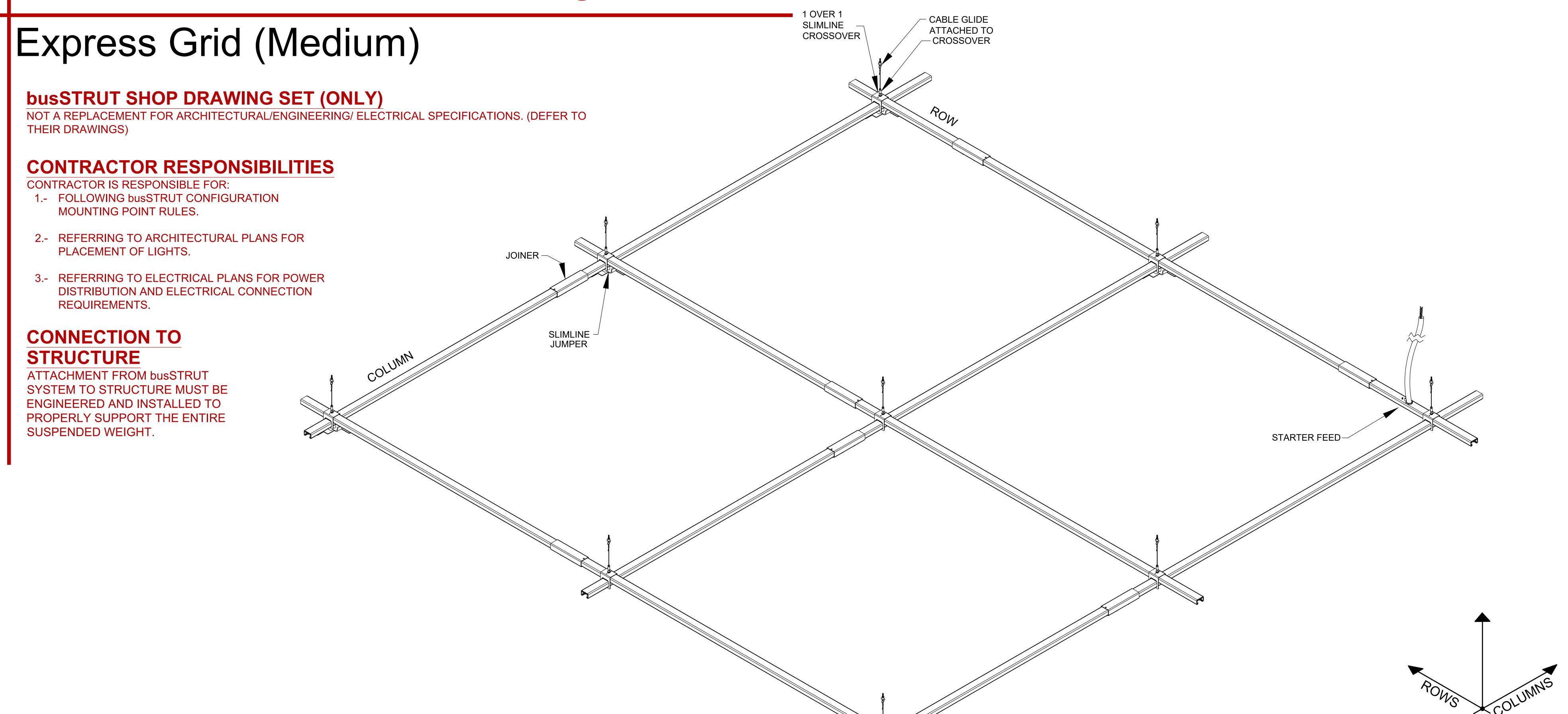
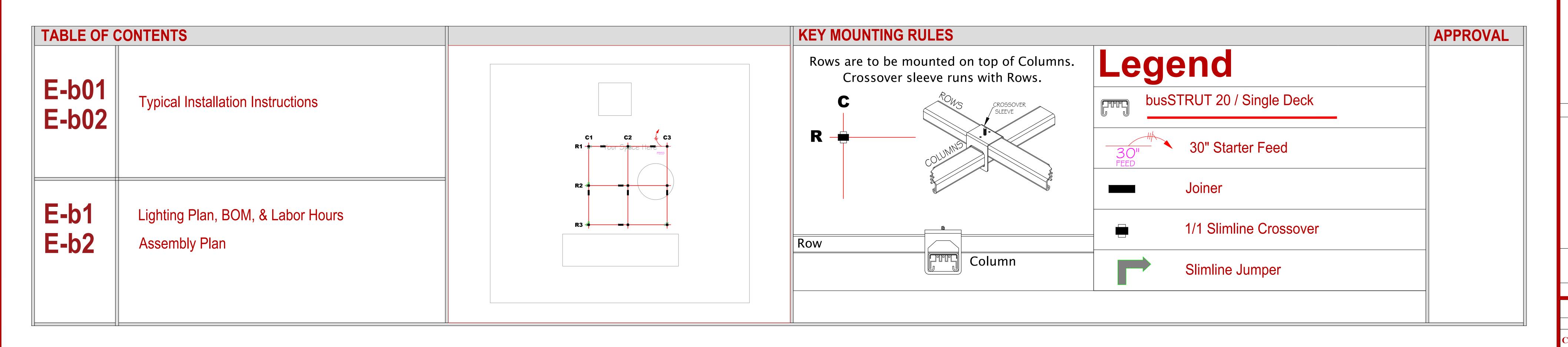
busSTRUT Shop Drawing Set





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805 Hillsdowne Road Suite C Westerville, OH 43081

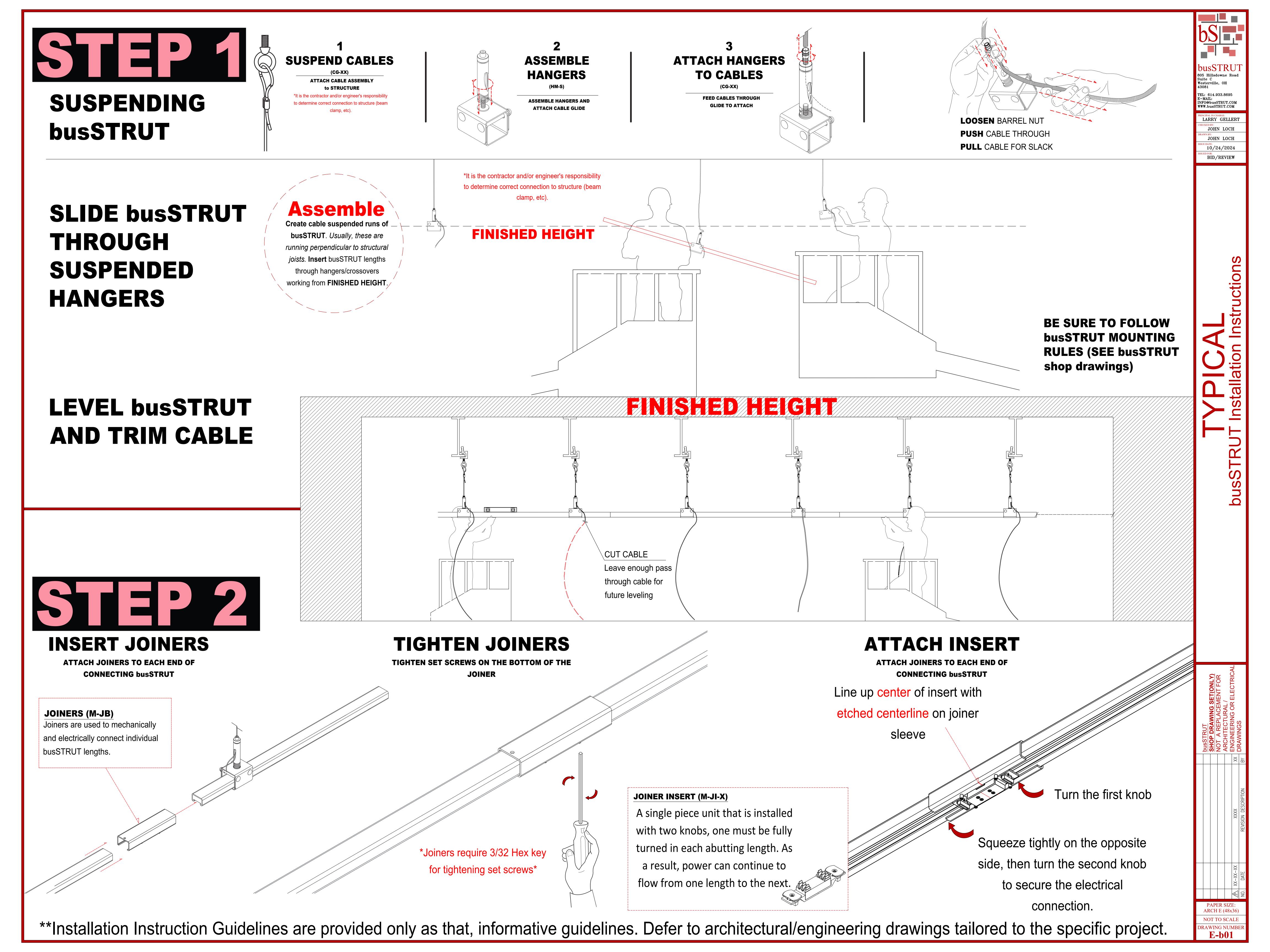
PRINCIPAL IN CHARGE:

LARRY GELLERT

JOHN LOCH

10/24/2024

BID/REVIEW



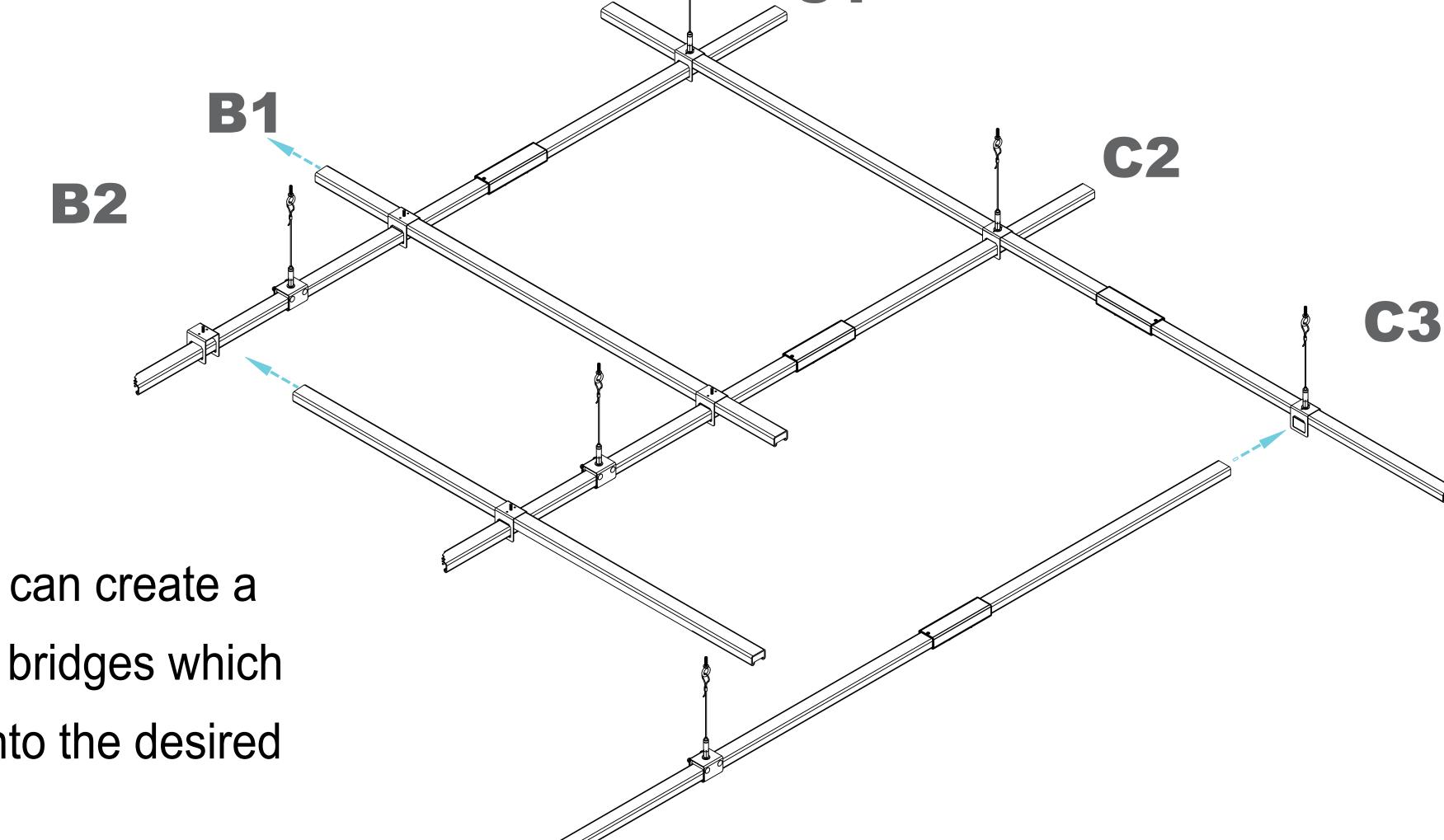
Crosssovers can be dropped onto suspended busSTRUT to create an intersection with a perpendicular run of busSTRUT.

SLIDING ON

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

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

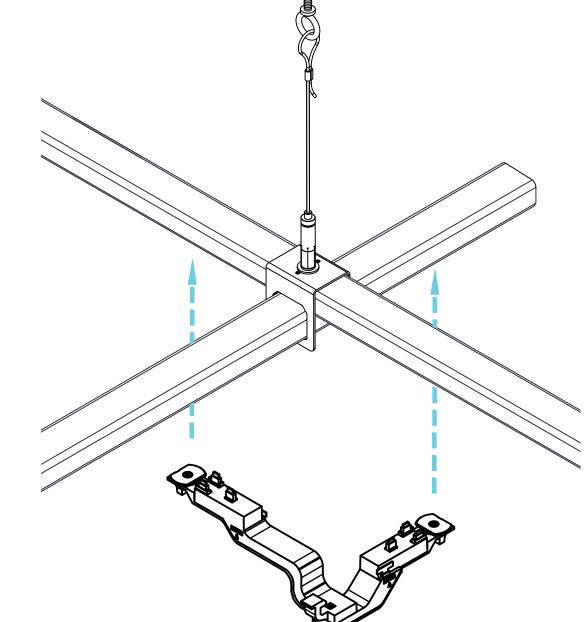
Perpendicular runs can create a full grid or be short bridges which are easily moved into the desired position.



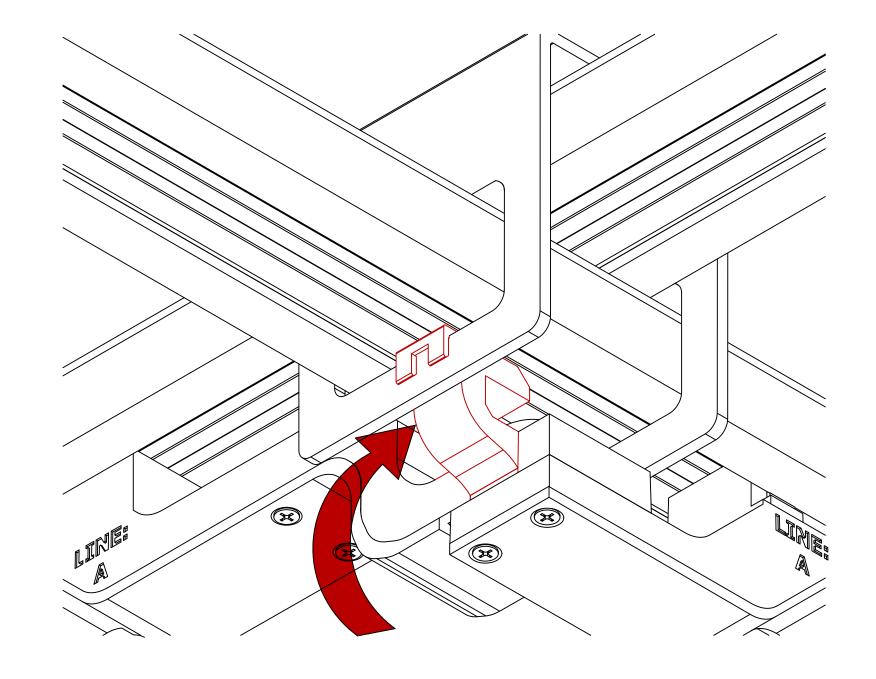
STEP 4A

SLIMLINE JUMPER

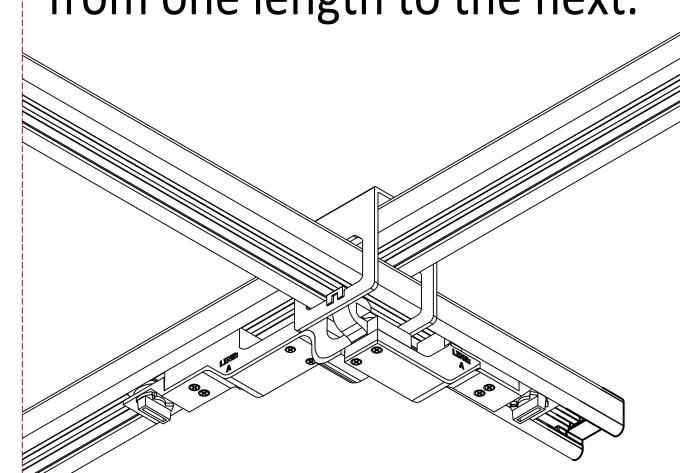
Make sure that the slimline crossover is tightened before attaching the slimline jumper.



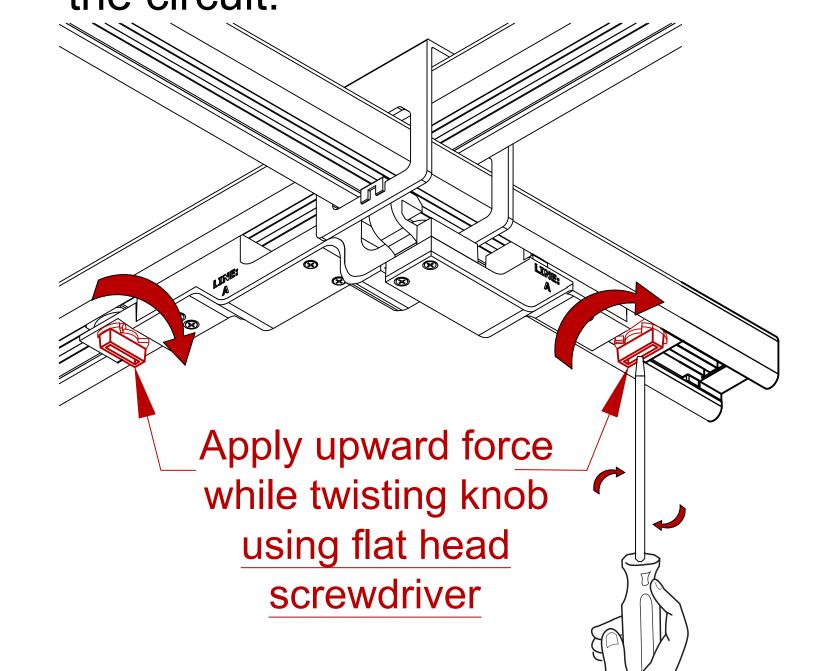
First, clip the jumper to the crossover.



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

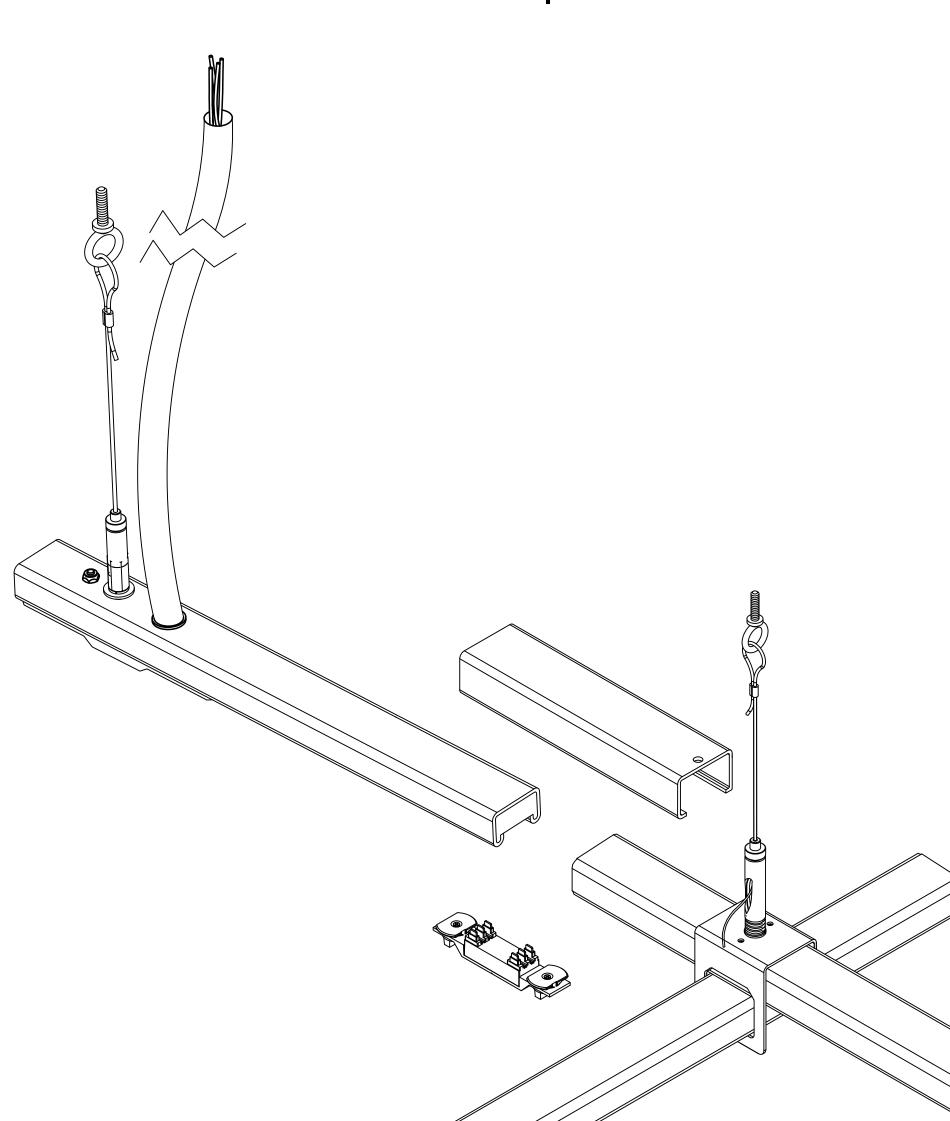


STEP 4B

STARTER FEED

The Starter Feed comes with a 1/4-20 Stud to create an additional hang point and a 15' 12/4 SOOW Cord to connect power to the system.

Attach the cable glide to the stud and tighten. Connect the aircraft cable as shown in Step 1.



STARTER FEED (P20-3-40-UNIV-30-CM-F 1-1)

This 30" length supplies power to a configuration from the preassembled cord and to the abutting length via a joiner insert that must be installed.

Once the starter is properly suspended, connect the starter to the suspended grid using a Joiner and Insert as shown in Step 2.

Connect SO Cord to power the system.

busSTRUT
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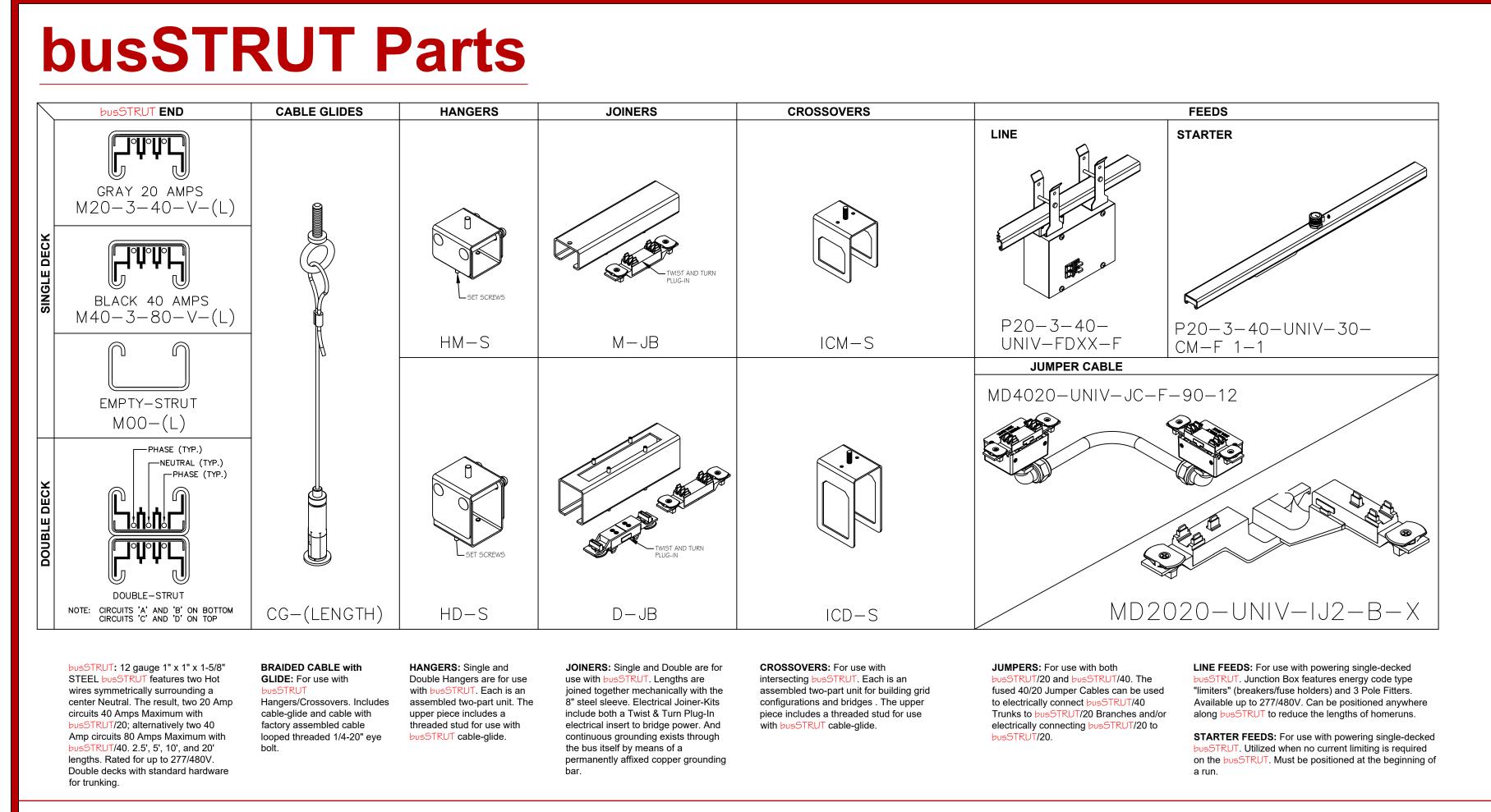
E-b02

LARRY GELLER

JOHN LOCH

BID/REVIEW

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



Legend busSTRUT 20 / Single Deck busSTRUT system is designed to be BID separately. * Powered by a minimal 30" Starter Feed amount of feed boxes. + + + + + Joiner 1/1 Slimline Crossover

Slimline Jumper

ROWS

Bill of Materials

									busST	RUT Bi	ll of Ma	terials	5						·		
GRID Med	dium											sh T							n By ced By	John	Loch Loch
									Gal	vani	zed,	Wh	ite,	or B	lack			Date		10/24	/2024
					bus\$1	RUT L	ENGTHS	6			usSTRUT					busSTRI	UT PO	WER			
					bu	isSTRU	20		Joii	ners		Hangers	C-GI	Xover	Jcord		L	ine		GEN	ACT
										INSERT	NON-ELECTRIC JOINER INSERT				JUMP CORD			STARTER FEED CENTER MOUNT	Breakered		
			n	В				m	SINGLE	JOINER	NON-EL JOINER	SINGLE			-12-G02		뇨	1-F 1-1			
				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	M20-3-40-277-10-F-2B	M-JB-F-X	X- <mark>-</mark> -I∕-W	M-JI-F-NE	HM-S-F-ST-LFX	CG-E-15-B-GL	ICM-S-F-ST-X	MD4020-UNIV-JCF-90-	MD2020-UNIV-IJ2-F-X	P20-3-40-UNIV-JK-NB-F	P20-3-40-UNIV-30-CM-F	P40-3-60-UNIV-FD-F		
R/C	Amps	LF	BF	2.5	3	5	7	10	M	INS	NE-INS	M	C-GI	1/1	12"	INVS	JK	30ST	40	GEN	ACT
Rows																					
RI	20	12	12				1		2	2			3	3				1			
R2 R3	20	12 12	12 12			1	1		1	1			3	3		1					
SUB TO		36	36			2	3		4	4			<u> </u>			2		1			
R/C	Amps	LF	BF	2.5	3	5	7	10	М		NE-INS	М	C-GI	1/1	12"	INVS	JK	30ST	40	GEN	ACT
Columns	•																				
СТ	20	12	12			1	1		1	1						1					
C2	20	12	12			1	1		1	1						1					
С3	20	12	12			1	1		1	1						1					
SUB T	OTAL	36	36			3	3		3	3						3					
STORE	TOTAL	72.0	72.0	1		5	6		7	7			9	9		5		1			
		7 210	7 210	_		9	9						9	9		9		_			

Labor Hours

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

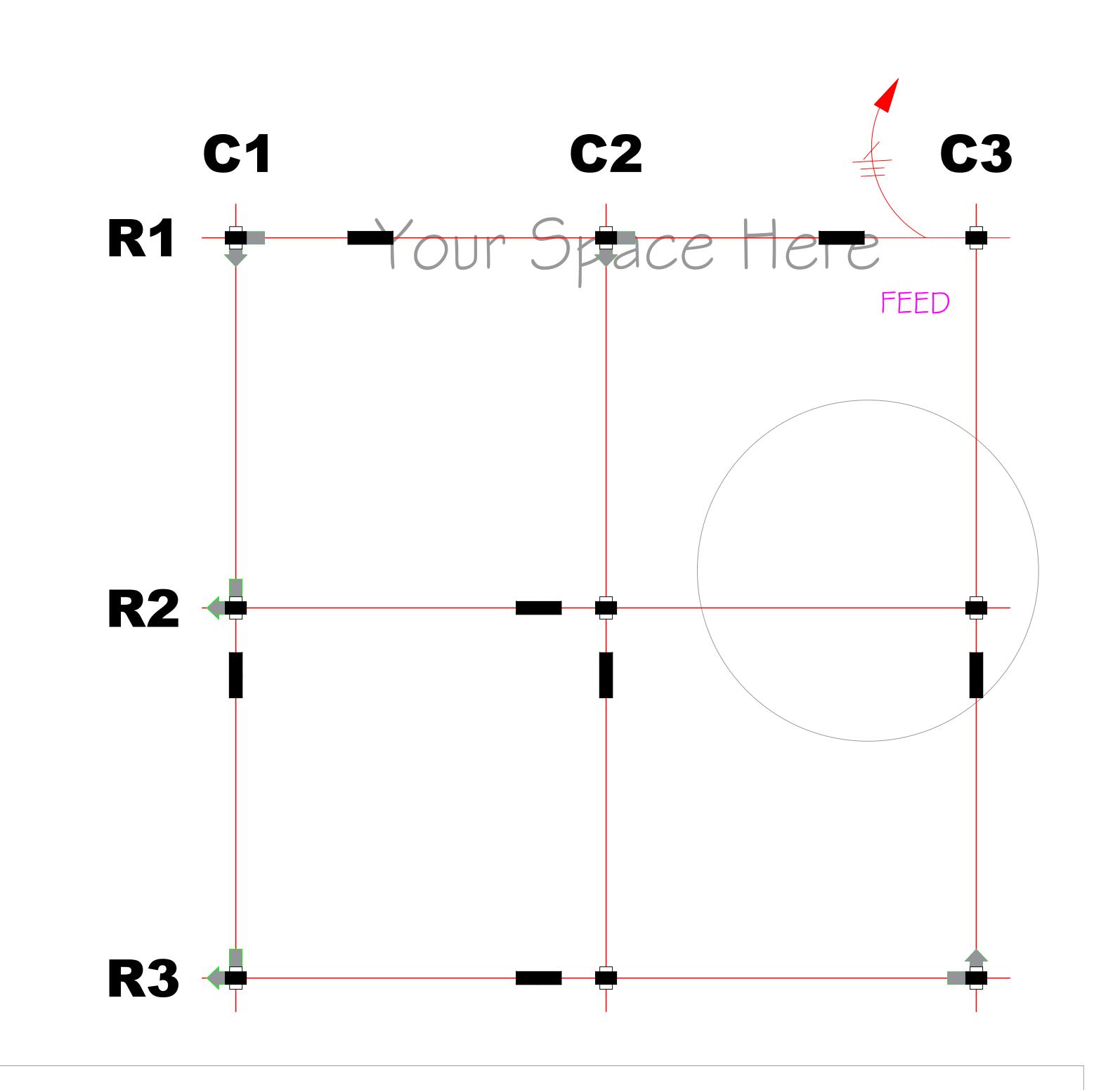
		busstrut LABOR											
	ITEMS	Qty.	U/M			ARDIZED HOURS hrs 60		TOTAL HRS					
	LENGTHS	72	LF -	Х	2.75	0.05	=	3					
Z L	JOINERS	7	EA-	Х	12	0.20	=	1					
SYSIEM	HANGERS	9	EA-	Х	25	0.42	=	4					
RUT	CROSSOVERS	9	EA.	Х	10	0.17	=	2					
OUSSTRUT	ATTACHMENTS		EA.	Х	8	0.13	=	0					
10	JUMPERS	5	EA-	X	6	0.10	=	1					
	FEEDS	1	EA.	X	15	0.25	=	0					
					busSTRUT	SUB-TOTAL	=	11					
FIXTURES	ACCENT		EA -	Х	8	0.13	=	0					
FIX	LINEARS		EA	X	20	0.33	=	0					
		=	0										

Lighting Plan

LIGHTING PLAN ONLY

THIS DRAWING IS MEANT TO SHOW THE LOCATION OF busSTRUT ENGINEERING / ELECTRICAL SPECIFICATIONS. (SEE THEIR DRAWINGS)

Bid from the **feeds-in**.



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43081 TEL: 614.933.8695 E-MAIL: INFO@busSTRUT.COM WWW.busSTRUT.COM

PRINCIPAL IN CHARGE:
LARRY GELLERT JOHN LOCH JOHN LOCH 10/24/2024 BID/REVIEW

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SCALE 1" = 1'-0"

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