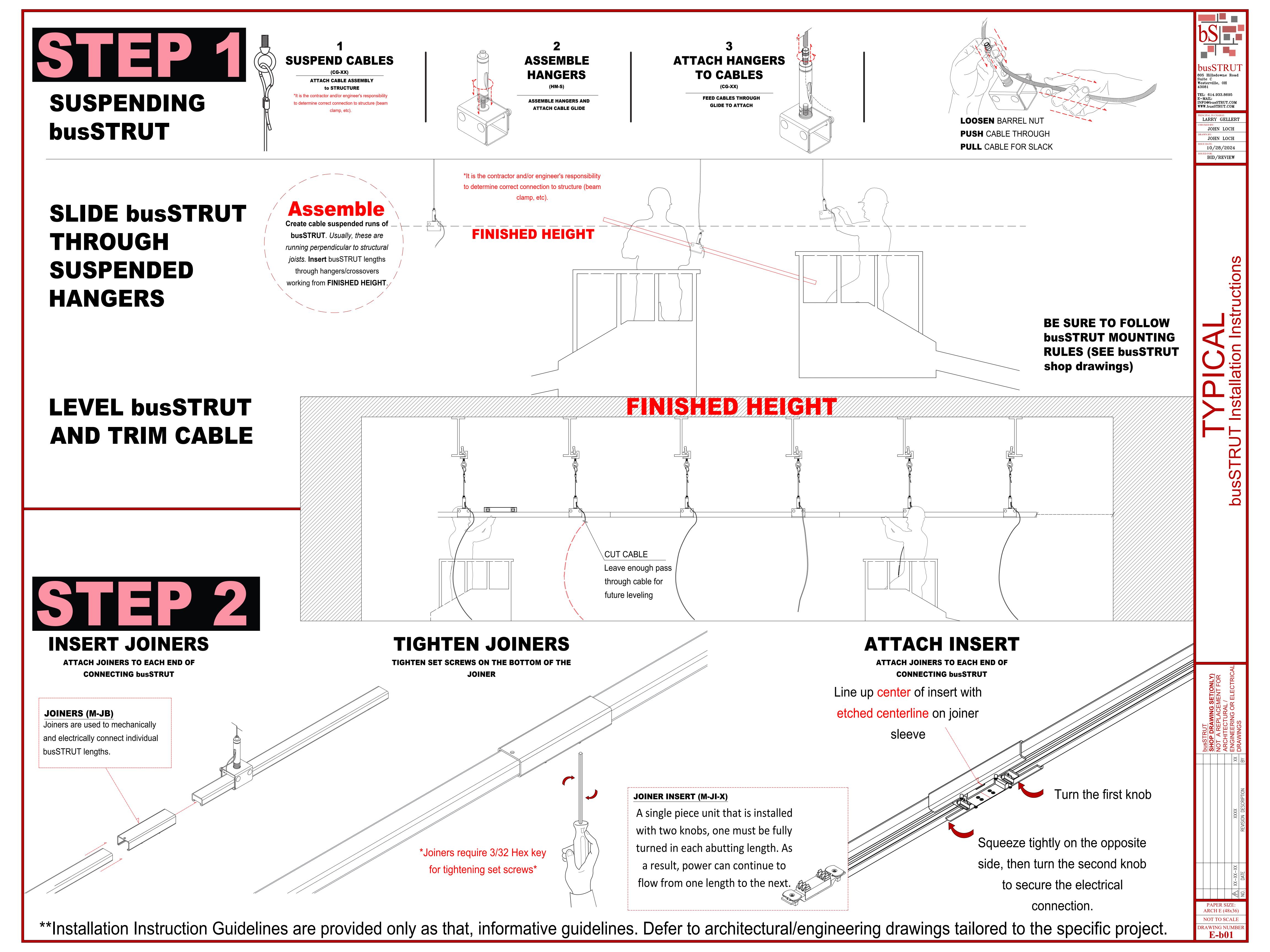


busstrut SHOP DRAWING SET(ONLY) NOT A REPLACEMENT FOR ARCHITECTURAL / ENGINEERING OR ELECTRICAL DRAWINGS												
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					XXXX	REVISION DESCRIPTION						
					XX-XX-XX	DATE						
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PAPER SIZE: ARCH E (48x36)												
NOT TO SCALE												
COVER SHEET												



INSTALLING CROSSOVERS DROPPING ON

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

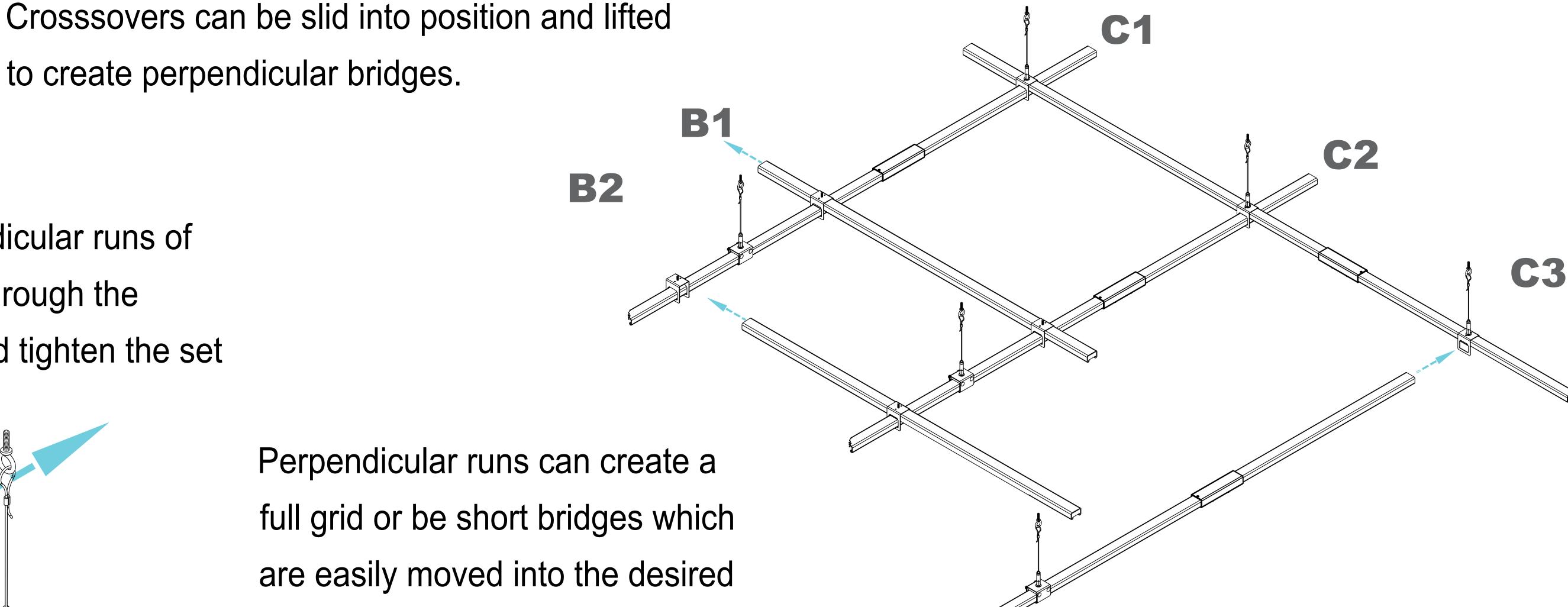
Slide perpendicular runs of busSTRUT through the

crossover and tighten the set screws.

SLIDING ON

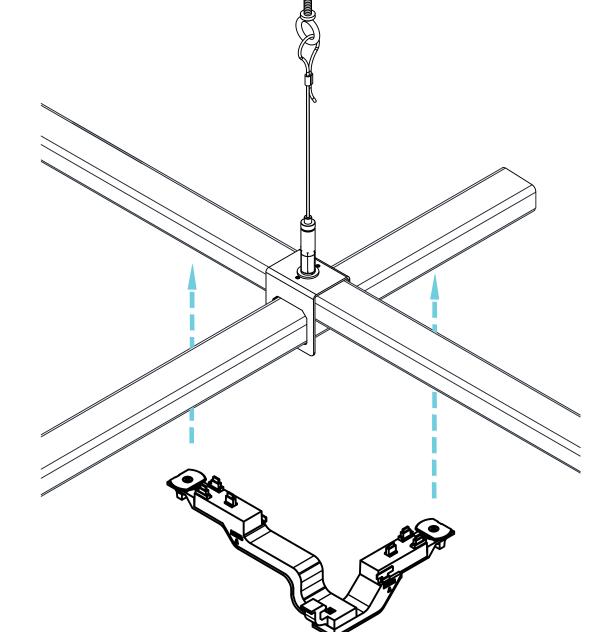
to create perpendicular bridges.

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

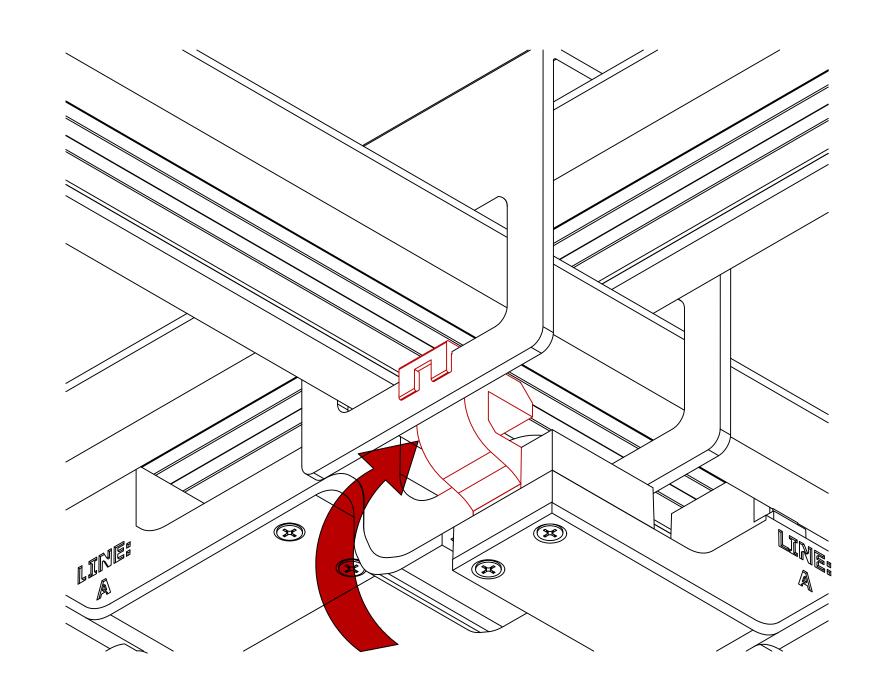


SLIMLINE JUMPER

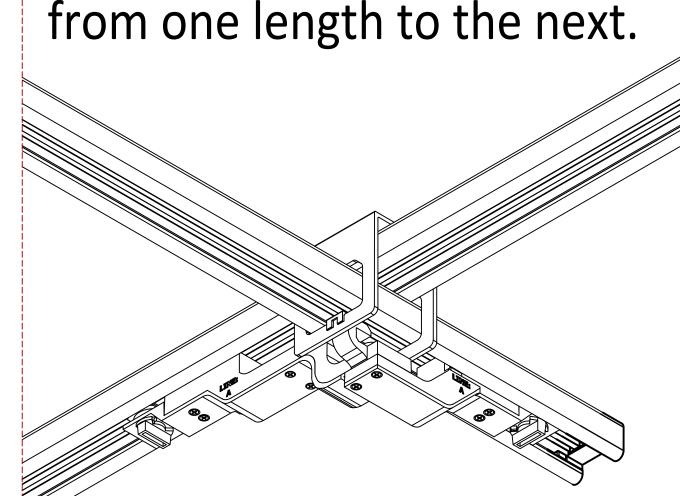
Make sure that the slimline crossover is tightened before attaching the slimline jumper.



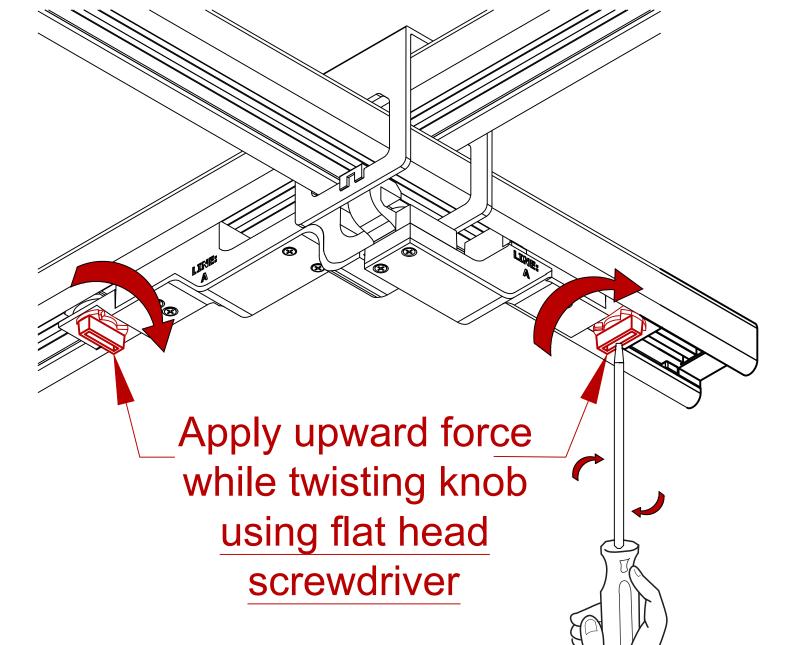
First, clip the jumper to the crossover.



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.



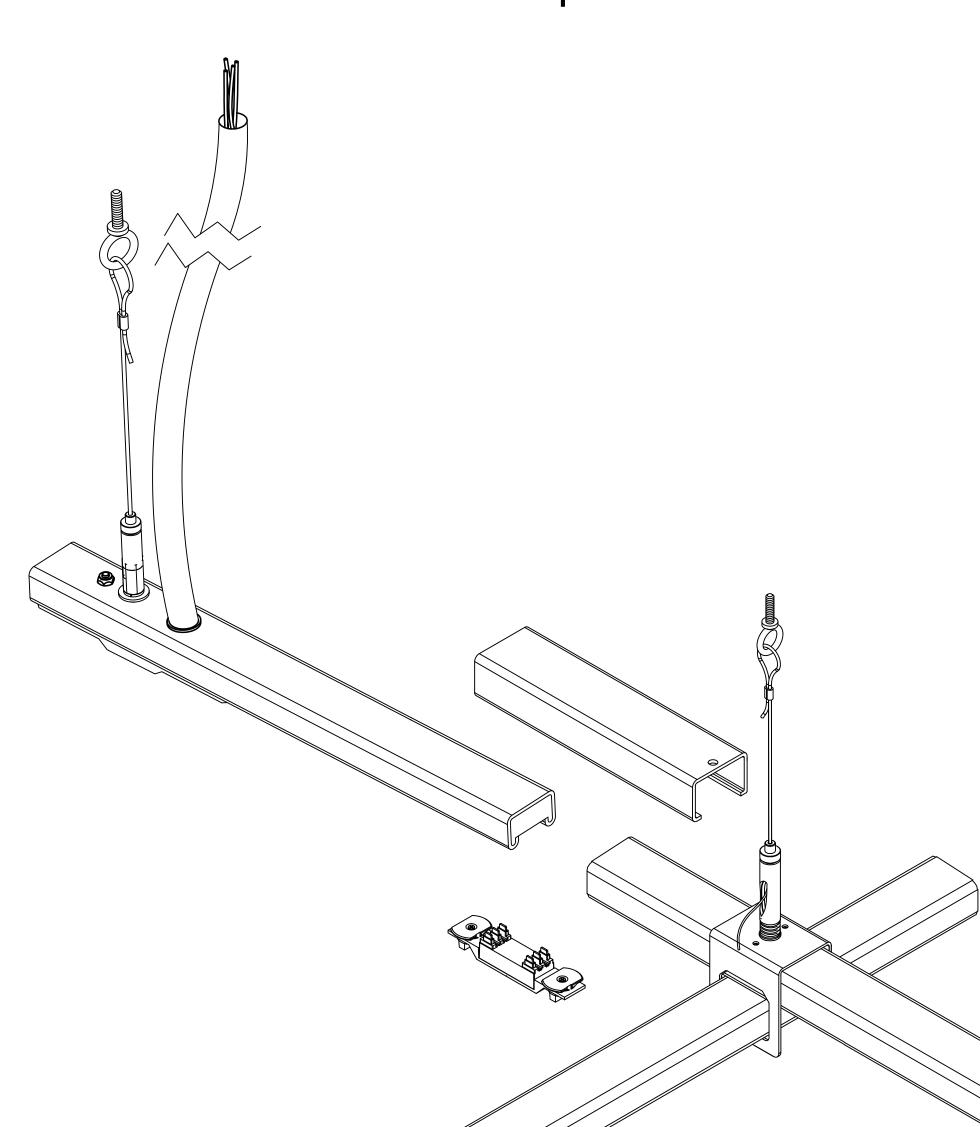
Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



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.

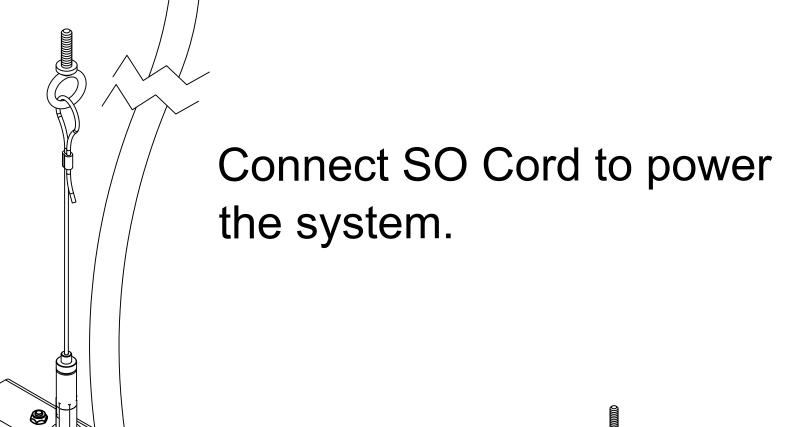
Attach the cable glide to the stud and tighten. Connect the aircraft cable as shown in Step 1.



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.



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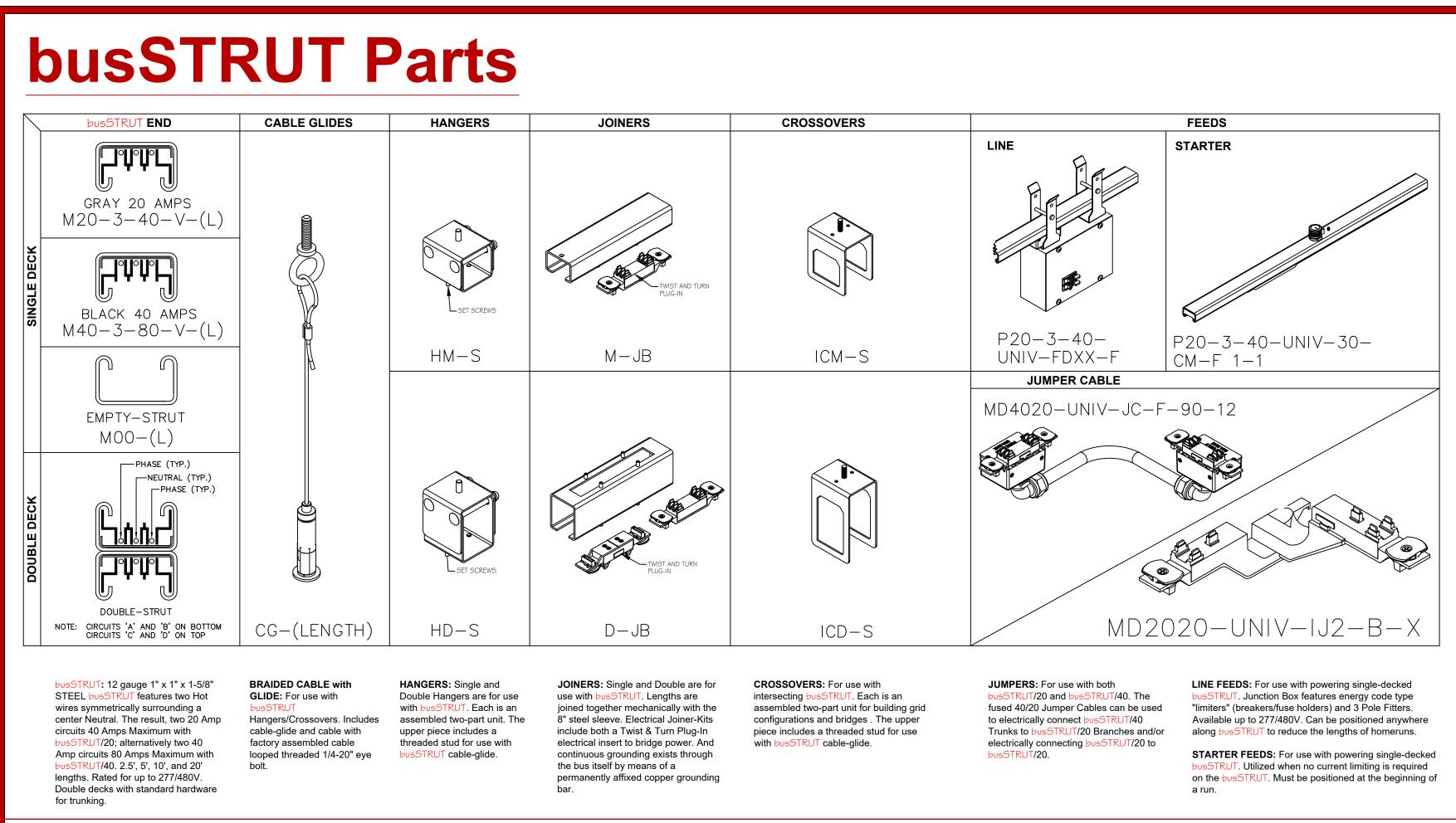
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LARRY GELLER

BID/REVIEW

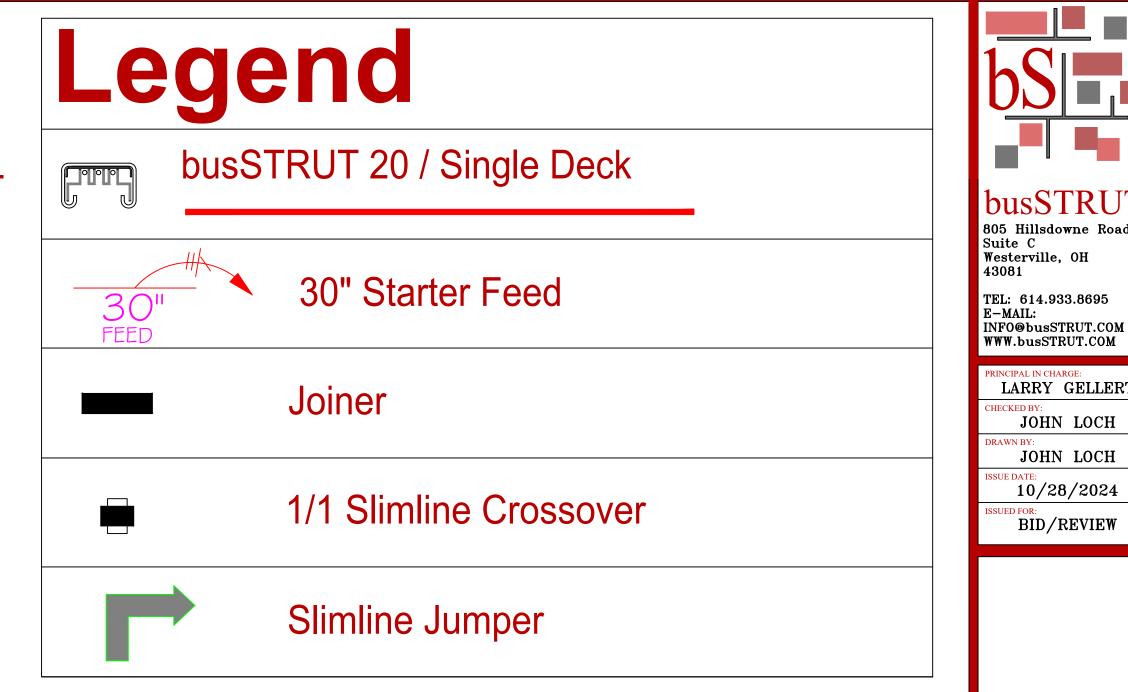
**Installation Instruction Guidelines are provided only as that, informative guidelines. Defer to architectural/engineering drawings tailored to the specific project.



ACCENT LIGHT BR-LUCY-U-309-30-F-(OC) 4' LED DOWNLIGHT BRL-4-40L-30K80-ST-WD-F

Lights

busSTRUT system is designed to be BID separately. * Powered by a minimal Bid from the **feeds-in**. amount of feed boxes. + + + + +



ROWS

Bill of Materials

GRID Large LT PD								Finish TBD: Galvanized, White, or Black									Draw Checl Date	n By ked By	John John 10/28	Loch	
									Gaiv	/aniz	zea,	VV	iite,	or B	паск						
				bus	STRU	T LENG	THS	THS busSTRUT Hardware busSTRUT						JT PO	POWER						
				Ţ	busST	RUT 20		Joir	ers	ſ	Hang	jers	C-GI	Xover	Jcord		Li	ine		GEN	ACT
									INSERT	ECTRIC		BRACKET			JUMP CORD			STARTER FEED CENTER MOUNT	POWER DROP		
				M20-3-40-277-7-F-2B	SINGLE	JOINER	NON-ELE JOINER	SINGLE	DÉCOR	-12-G02	<u>"</u>		N-F 1-1		-WD-F	(oc)					
		M20-3-40-277-2.5-F-2B M20-3-40-277-3-F-2B M20-3-40-277-5-F-2B			M-JB- <mark>F</mark> -X	M-JI-F-X	M-JI-F-NE	HM-S-F-ST-LFX	MKU-ST-A-F	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CM-S-F-ST-X	20-UNIV-JCF-	MD2020-UNIV-1J2-F-X	P20-3-40-UNIV-JK-NB-F	0.3	BRL-4-40L-30K80-ST-WD-					
R/C	Amps	LF	BF	2.5	3	5	7	М	INS	NE-INS	M	DB	C-GI	1/1	12"	INVS	JK	30ST	PD	GEN	ACT
Rows																					
RI	20	25	25	1	2		2	5	5				4	4				1			Ţ
R2	20	25	25		2	1	2	4	4				4	4		1					4
R3	20	25	25		2	1	2	4	4				4	4		1					4
R4	20	25	25	_	2	1	2	4	4				4	4		1		_			
SUB TO	Amps	LF	100 BF	2.5	3	5	7	17 M	17 INS	NE-INS	М	DB	C-GI	16 1/1	12"	INVS	JK	30ST	PD	GEN	ACT
Columns	Allips	LI	ы	2.5	3	3	,	М	1143	INL-INS	141	DB	C-GI	1/1	12	INVS	JK	3031	FD	GLIN	ACI
CI	20	25	25		2	1	2	4	4							1				3	
C2	20	25	25		2	1	2	4	4							1				3	
C3	20	25	25		2	1	2	4	4							1				3	
C4	20	25	25		2	1	2	4	4							1				3	
SUB T		100	100		8	4	8	16	16							4				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	GEN	ACT
Bridges																					
BI	20	10	10		1		1	1	1					2		1			1		
B2	20	10	10		1		1	1	1					2		1			1		
B3 B4	20	10	10		1		1	1	1					2		1			1		
SUB TO		10 40	10 40		1 4		1 4	4	<u>1</u>					2 8		4			4		
308 10	UIAL	40	40		4		4	4	4					8		4			4		
			-															-			

Labor Hours

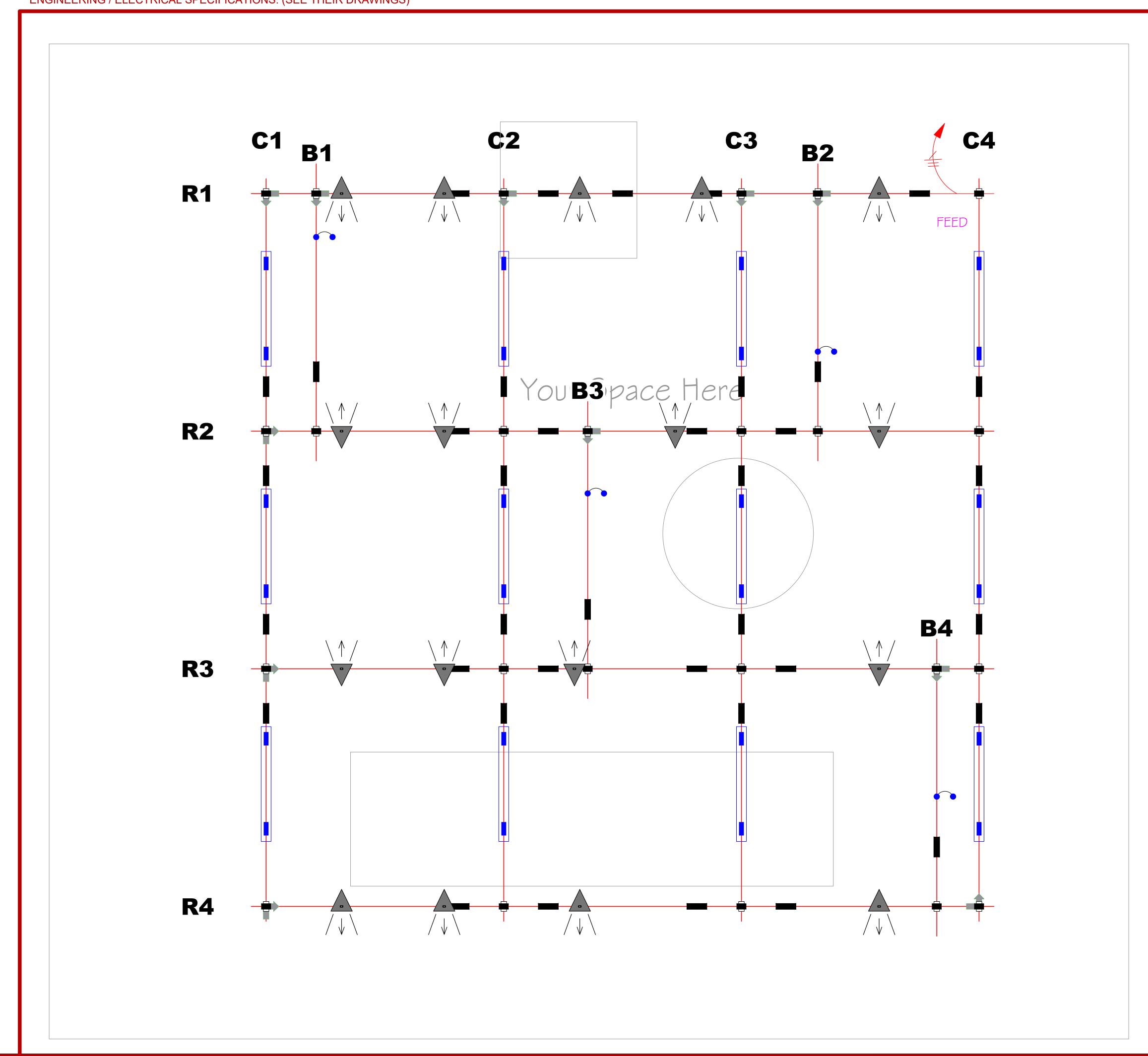
busSTRUT provides time-tested standard labor hours per part, which are then multiplied by the project's Bill of Materials.

		bu	SST	RU.	T LABO	R		
	ITEMS	Qty.	U/M			ARDIZED HOURS hrs 60		TOTAL HRS
	LENGTHS	240	LF	х	2.75	0.05	=	11
∑	JOINERS	37	EA	X	12	0.20	=	7
SYSTEM	HANGERS	16	EA	X	25	0.42	=	7
busSTRUT	CROSSOVERS	16	EA	X	10	0.17	=	3
	ATTACHMENTS	4	EA	X	8	0.13	=	1
	JUMPERS	11	EA	X	6	0.10	=	1
	FEEDS	1	EA	X	15	0.25	=	0
					busSTRUT	SUB-TOTAL	=	30
FIXTURES	ACCENT	17	EA	х	8	0.13	=	2
Ξ	LINEARS	12	EA	х	20	0.33	=	4
		=	6					
						TOTAL TIME	=	36

Lighting Plan

busSTRUT LIGHTING PLAN ONLY

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





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