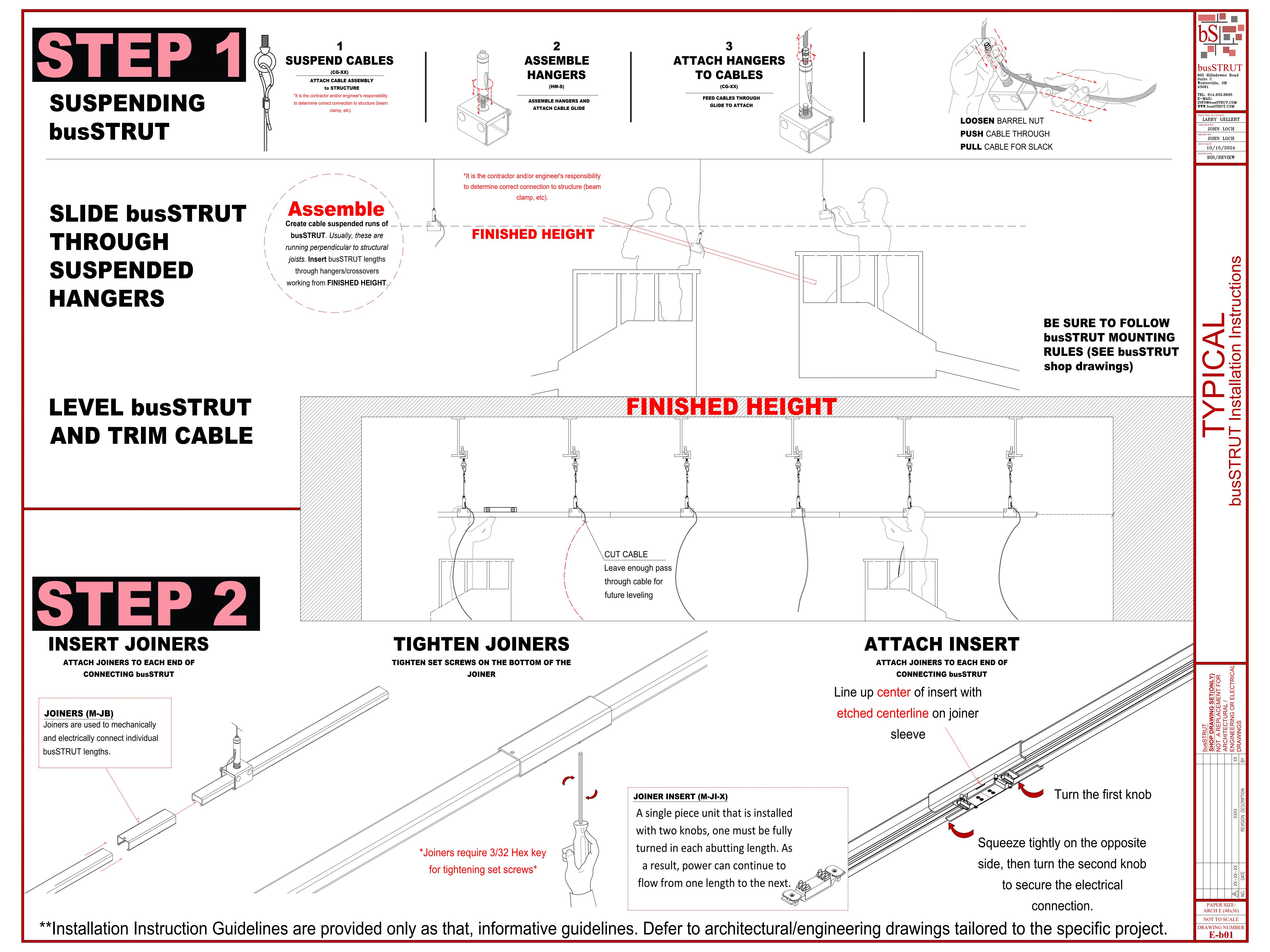


busSTRUT		SHOP DRAWING SET(ONLY)	NOT A KEPLACEMENT FOR	- ARCHITECTURAL /	- ENGINEERING OR ELECTRICAL	DRAWINGS	
_					×	ВУ	
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# INSTALLING CROSSOVERS DROPPING ON

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.

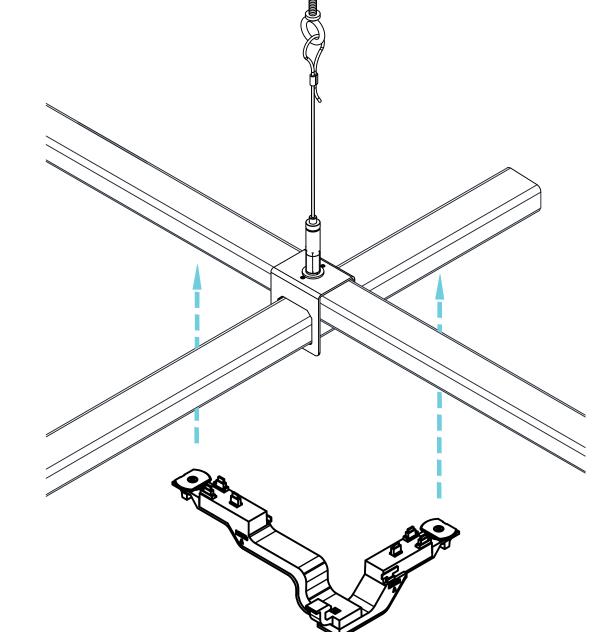
Perpendicular runs can create a full grid or be short bridges which are easily moved into the desired position.

# Crosssovers can be slid into position and lifted **B2 C**3

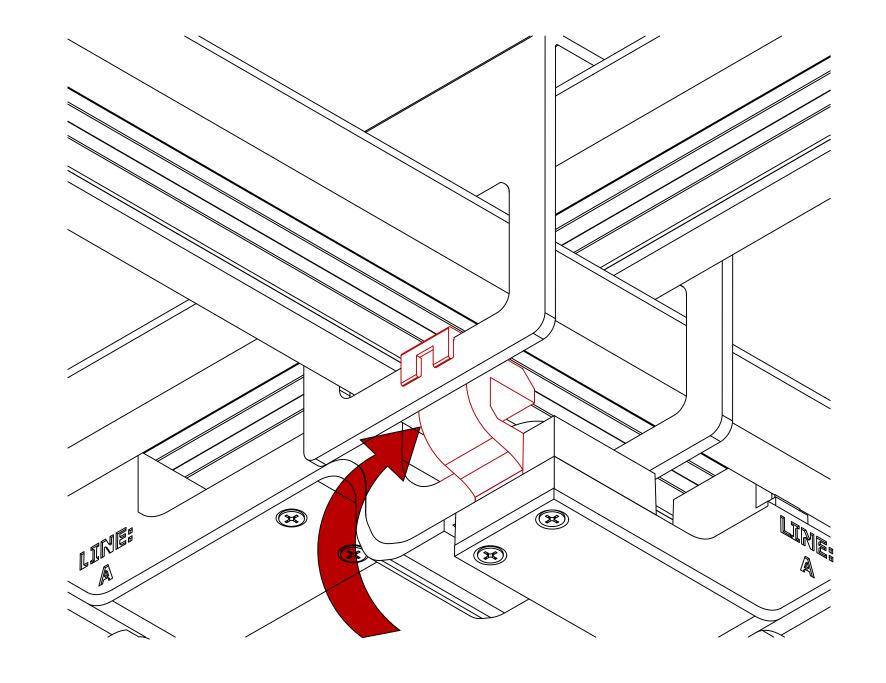
# 

# SLIMLINE JUMPER

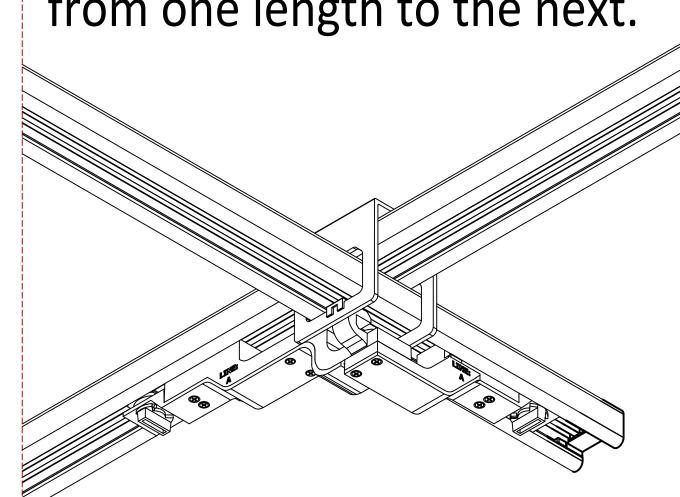
Make sure that the slimline crossover is tightened before attaching the slimline jumper.



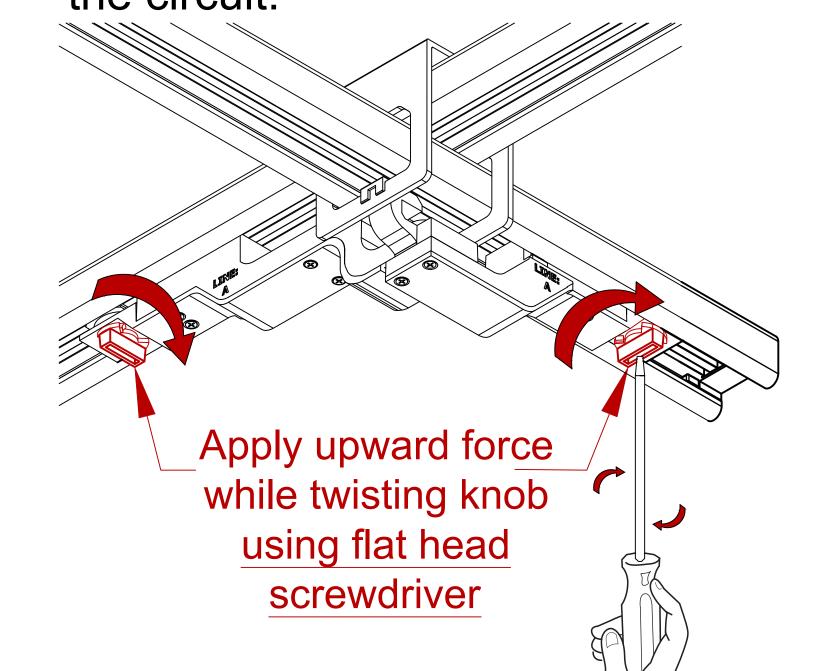
First, clip the jumper to the crossover.



**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.



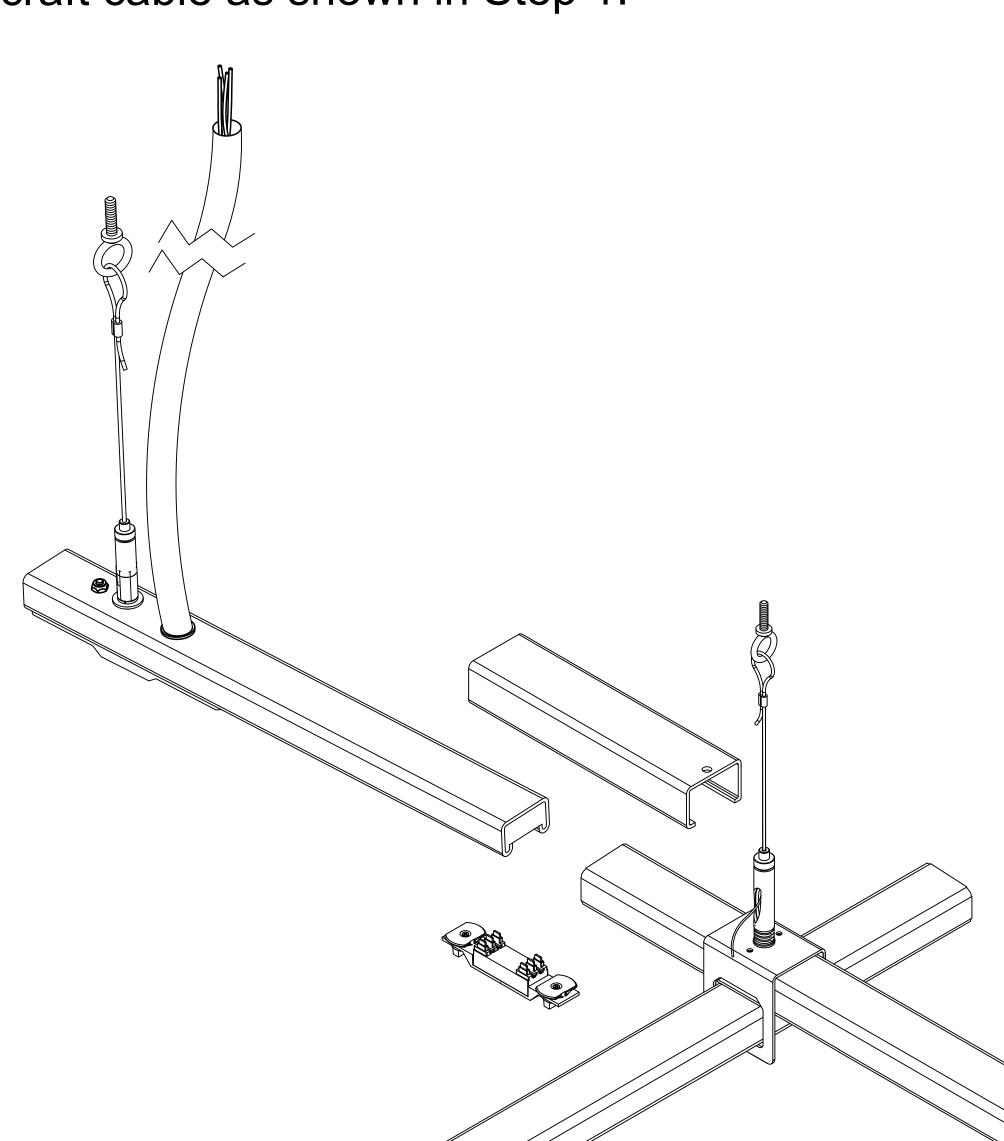
Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



### 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.

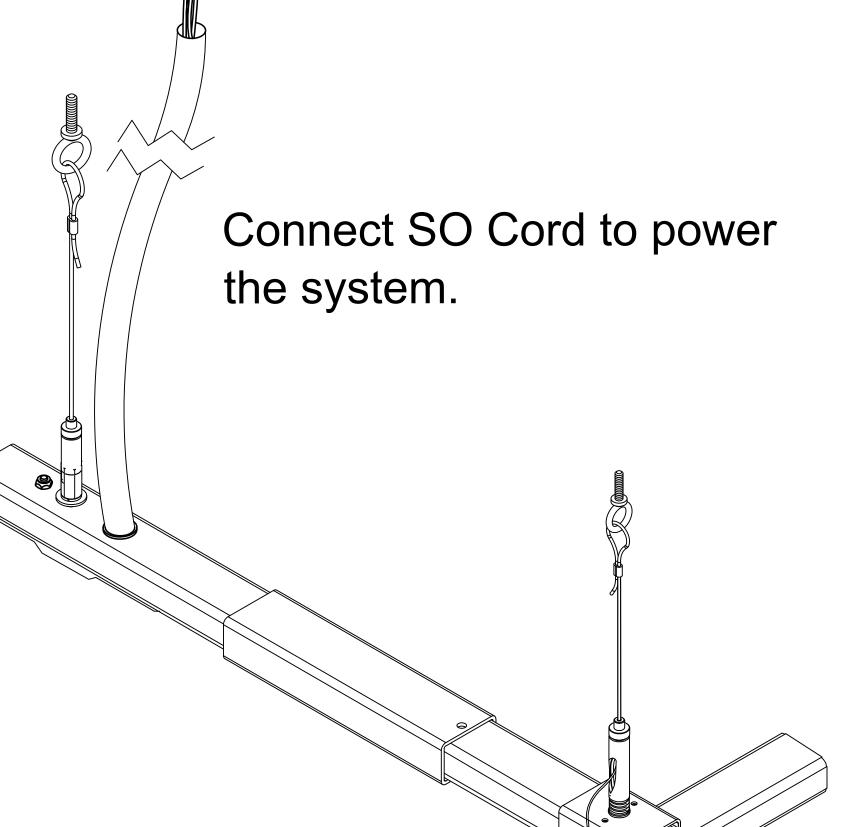
Attach the cable glide to the stud and tighten. Connect the aircraft cable as shown in Step 1.



#### **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.

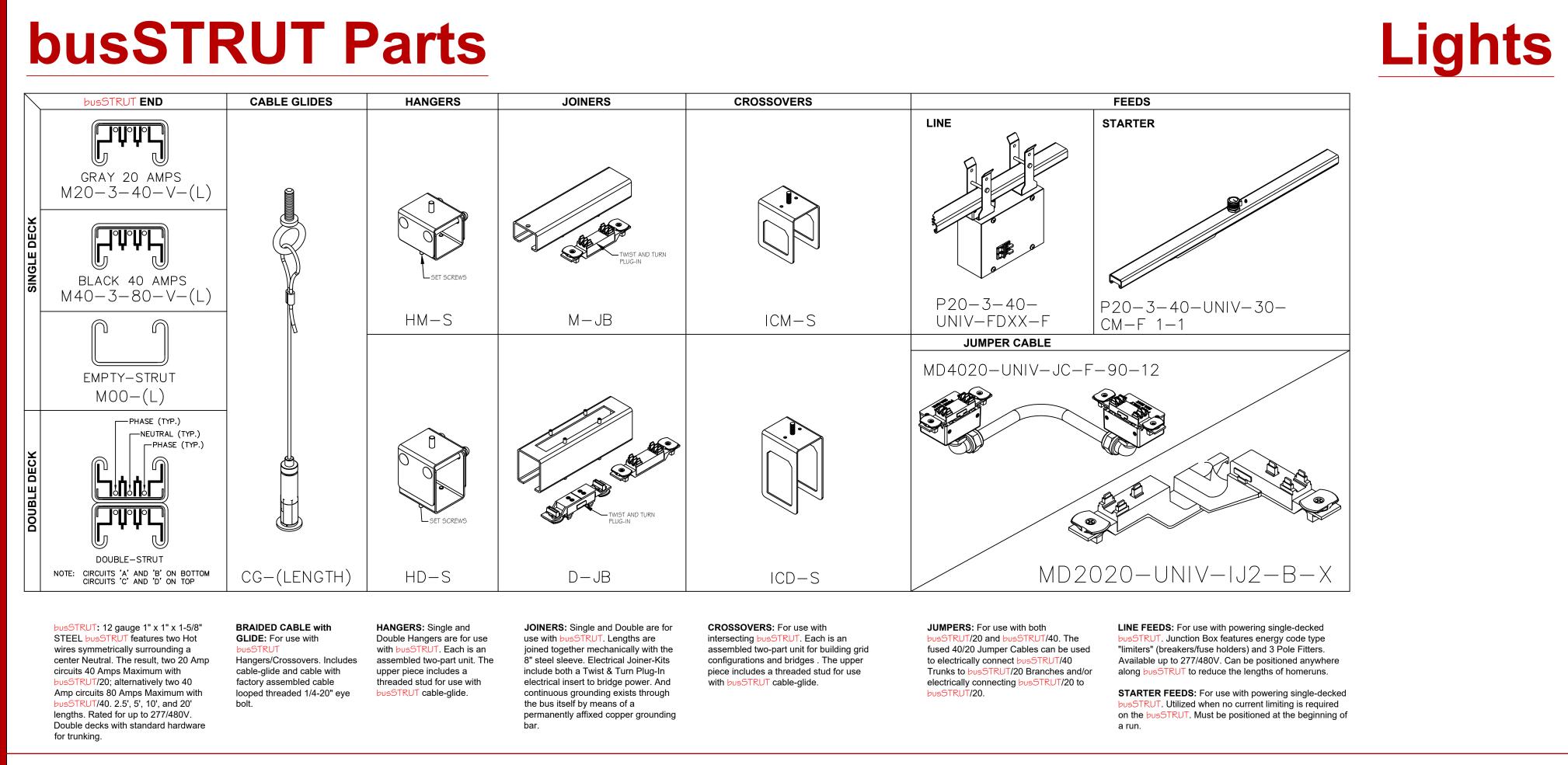


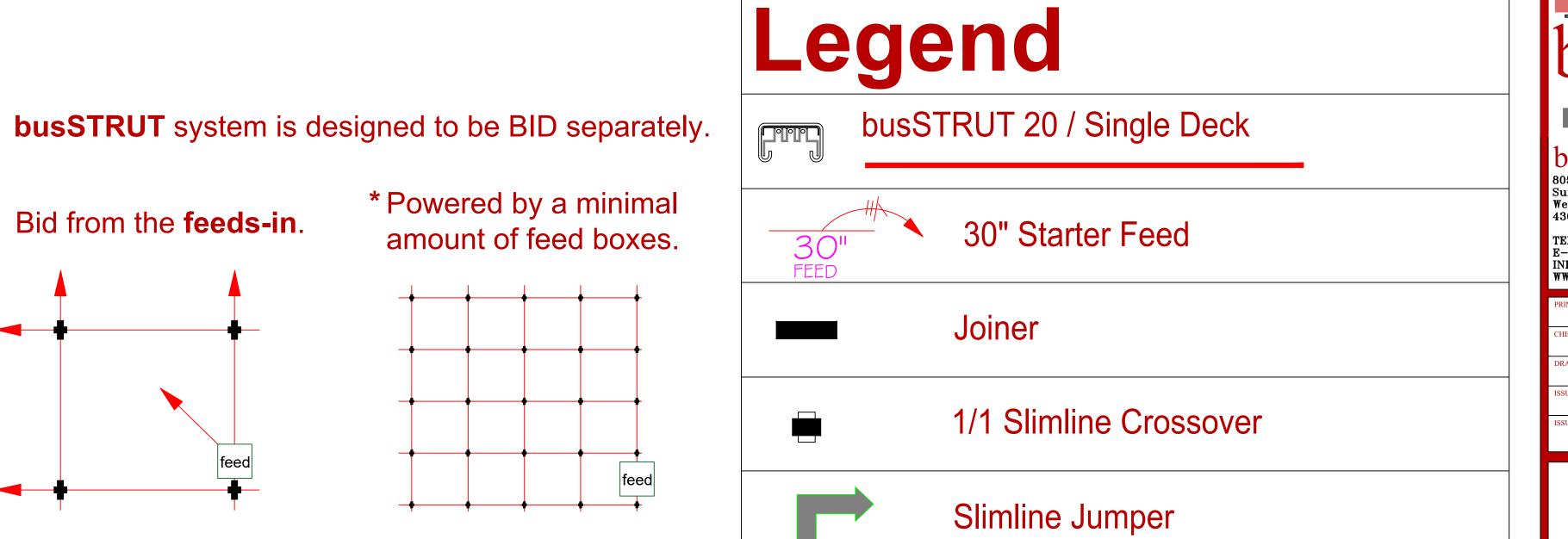
LARRY GELLER

BID/REVIEW

PAPER SIZE: ARCH E (48x36 NOT TO SCALE DRAWING NUMBE E-b02

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





# ROWS

### **Bill of Materials**

GRID Large Design						busSTRUT <b>Bill of Materials</b>								Drawn By Checked By Date		John Loch John Loch 10/15/2024				
				bu	sSTRU	T LENG	THS		Ь	usSTRU	Γ Hardwa	are			busSTR	UT PO	WER			
						RUT 20		Joir	ners		Hangers		Xover	Jcord			ine		GEN	ACT
									INSERT	ECTRIC				JUMP CORD			STARTER FEED CENTER MOUNT	Breakered		
		<u> </u>	7	В				SINGLE	JOINER	NON-EL JOINER	SINGLE			-12-G02	×	3.F	<b>1-F</b> 1-1			
			-3-40-277-2.5	M20-3-40-277-3-F-2B	M20-3-40-277-5-F-2B	M20-3-40-277-7-F-2B	M-JB-F-X	M-JI-F-X	and the same of th	HM-S-F-ST-LFX	CG-E-15-B-GL	ICM-S-F-ST-X	MD4020-UNIV-JCF-90	MD2020-UNIV-IJ2-F-	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	M	INS	NE-INS	M	C-GI	1/1	12"	INVS	JK	30ST	40	GEN	ACT
Rows																				
RI	20	25	25		2		2	5	5	5		4	4				1			
R2	20	25	25		2	1	2	4	4			4	4		1					
R3	20	25	25		2	1	2	4	4			4	4		1					
R4	20	25	25		2		2	4				4	4		1		_			
SUB T	Amps	100 LF	100 BF	2.5	3	5	7	17 M	INS	NE-INS	M	C-GI	16	12"	INVS	JK	30ST	40	GEN	ACT
Columns	Allips		ы	213	<u> </u>	<u> </u>	•	141	1113	IVE TIVE	141	C GI	-/-	12	11443	JK	5031	40	GLIV	ACI
CI	20	25	25		2	.1	2	4		L					1				3	
C2	20	25	25		2		2	4	4						1				3	
C3	20	25	25		2	1	2	4	4						1				3	
		25				- 1	2	4	4						1				3	
C4	20	25	25		2	1		•		, i					_				5	

# **Labor Hours**

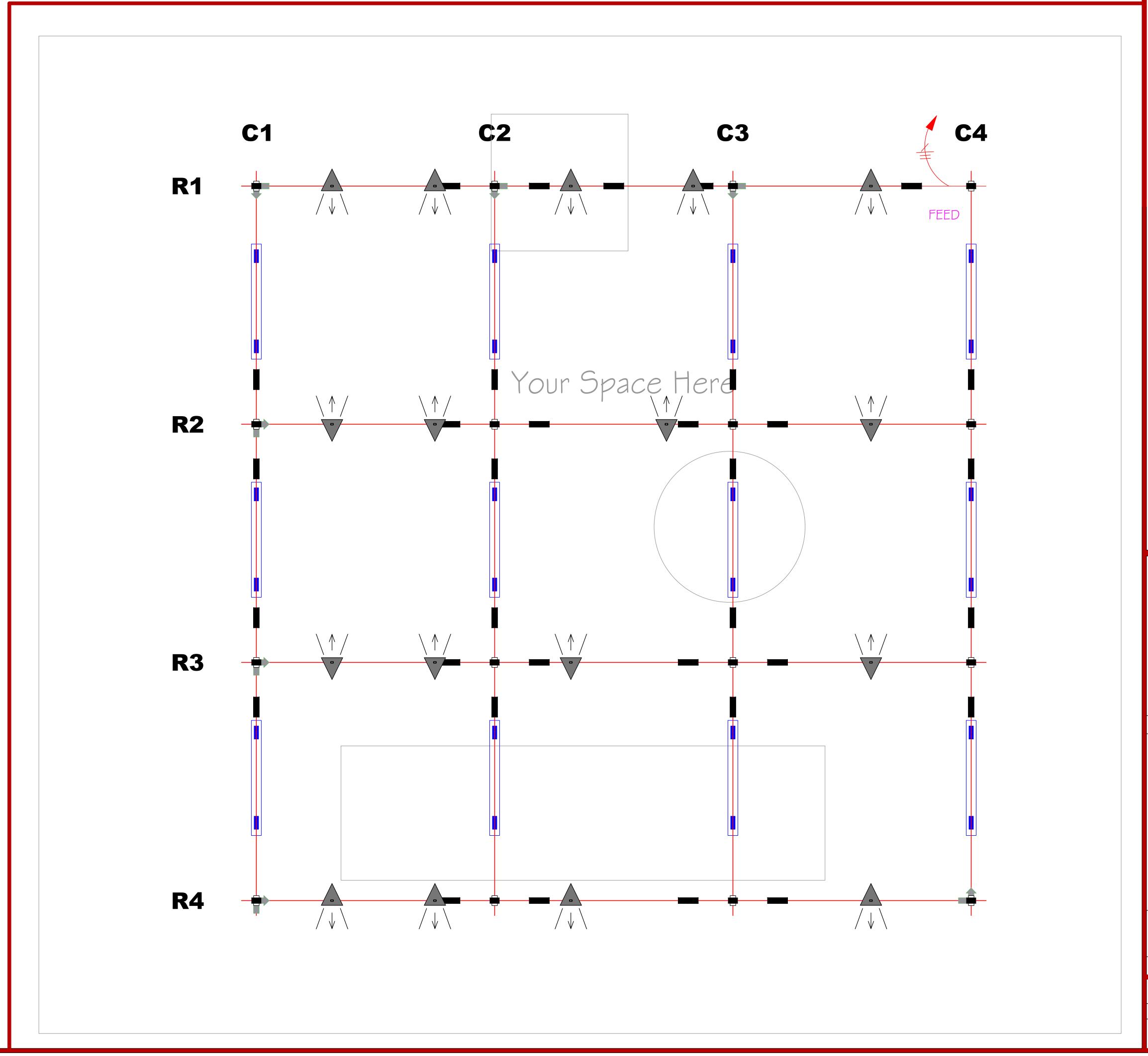
**busSTRUT** provides time-tested standard labor hours per part, which are then multiplied by the project's Bill of Materials.

I	ITEMS	Qty.	U/M		TOTAL HRS			
	LENGTHS	200	LF	х	2.75	0.05	=	9
	JOINERS	33	EΑ	X	12	0.20	=	7
OUSSTRUT SYSTEM	HANGERS	16	EA.	X	25	0.42	=	7
	CROSSOVERS	16	EΑ	X	10	0.17	=	3
7	ATTACHMENTS		EA	X	8	0.13	=	0
20	JUMPERS	7	EA	X	6	0.10	=	1
	FEEDS	1	EA	х	15	0.25	=	0
					busSTRUT	SUB-TOTAL	=	26
LIVIONES	ACCENT	17	E <i>A</i> •	Х	8	0.13	=	2
<u> </u>	LINEARS	12	EA	x	20	0.33	=	4
		bu	SSTRU	TREA	⊳γ LIGHTS	SUB-TOTAL	=	6

# 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)



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

LARRY GELLERT

CHECKED BY:

JOHN LOCH

DRAWN BY:

JOHN LOCH

SSUE DATE:

10/15/2024

SSUED FOR:

BID/REVIEW

Materials

GRID

PAPER SIZE:
ARCH E (48x36)

SCALE 5/8" = 1'-0"

DRAWING NUMBER

**E-b1** 

