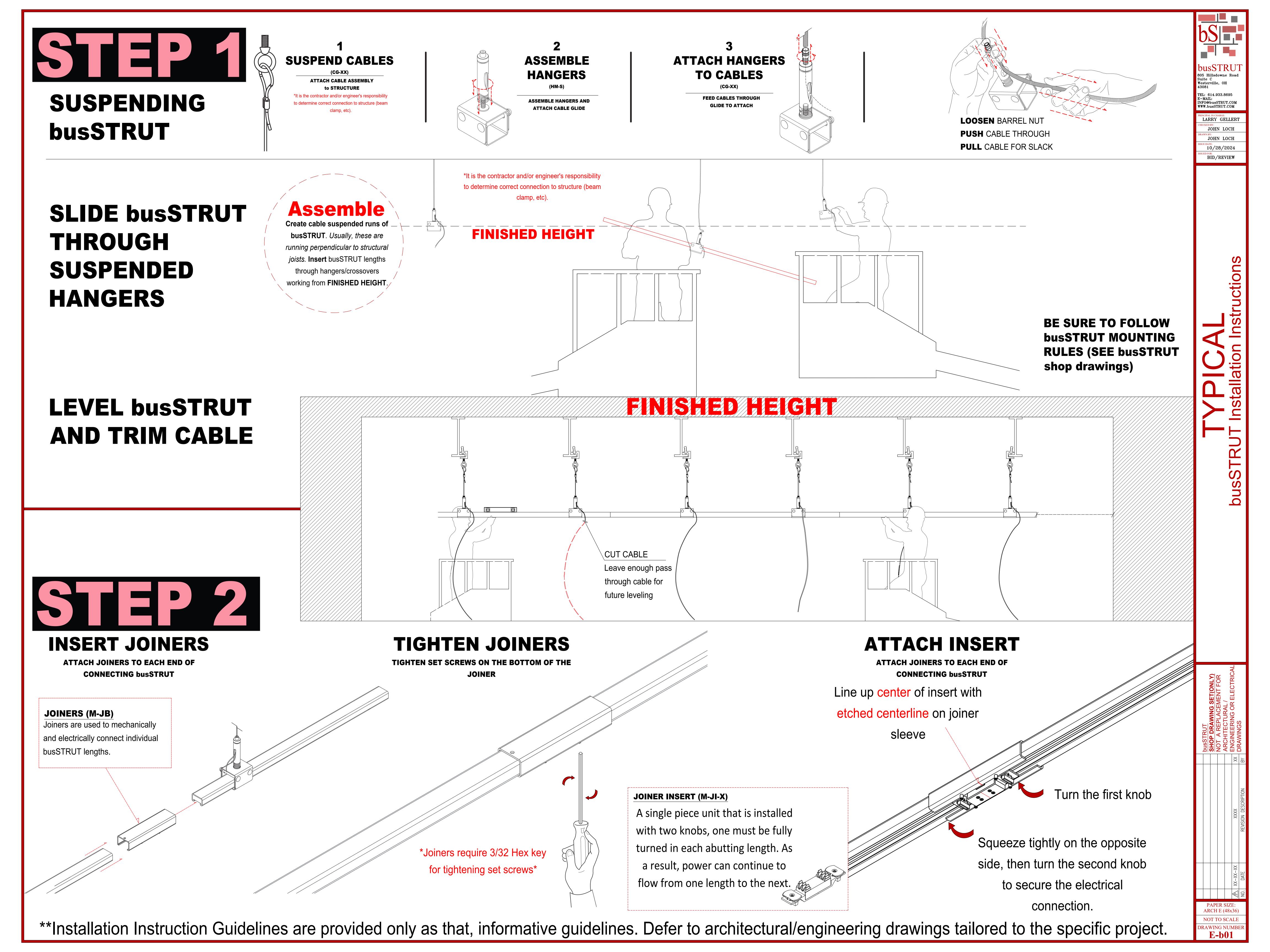


PAPER SIZE: ARCH E (48x36)



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

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

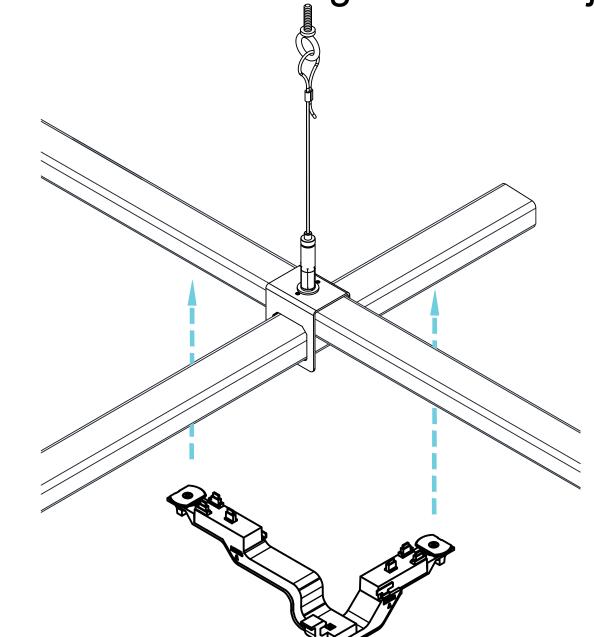
SLIDING ON Crosssovers can be slid into position and lifted to create perpendicular bridges.

B2

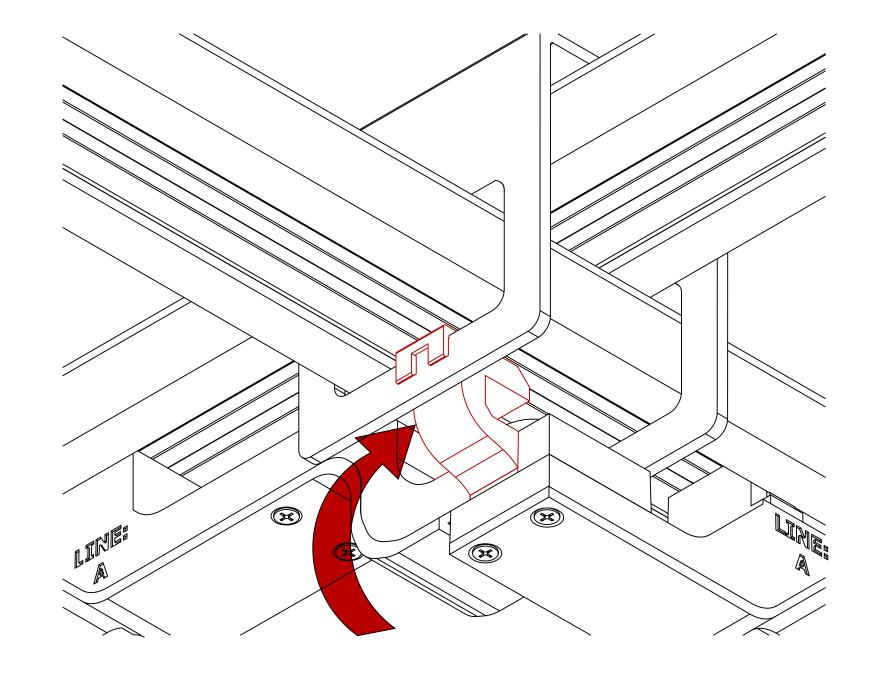
C3

SLIMLINE JUMPER

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

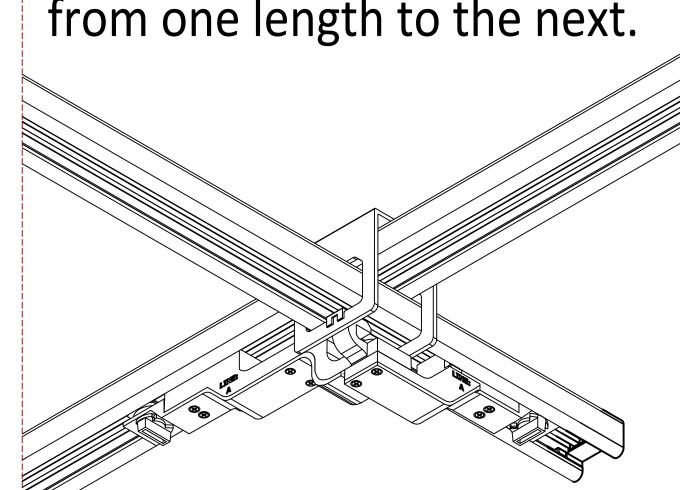


First, clip the jumper to the crossover.

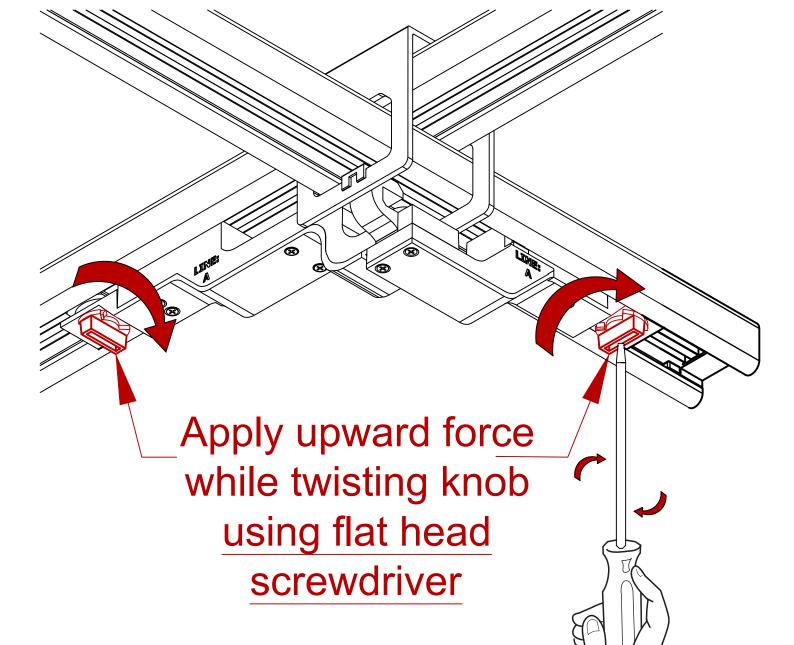


SLIMLINE JUMPER (MD2020-UNIV-IJ2-B-X) A single piece unit that is installed with two knobs, one must be fully turned in each abutting length. As a result, power can continue to flow from one length to the next.

screws.



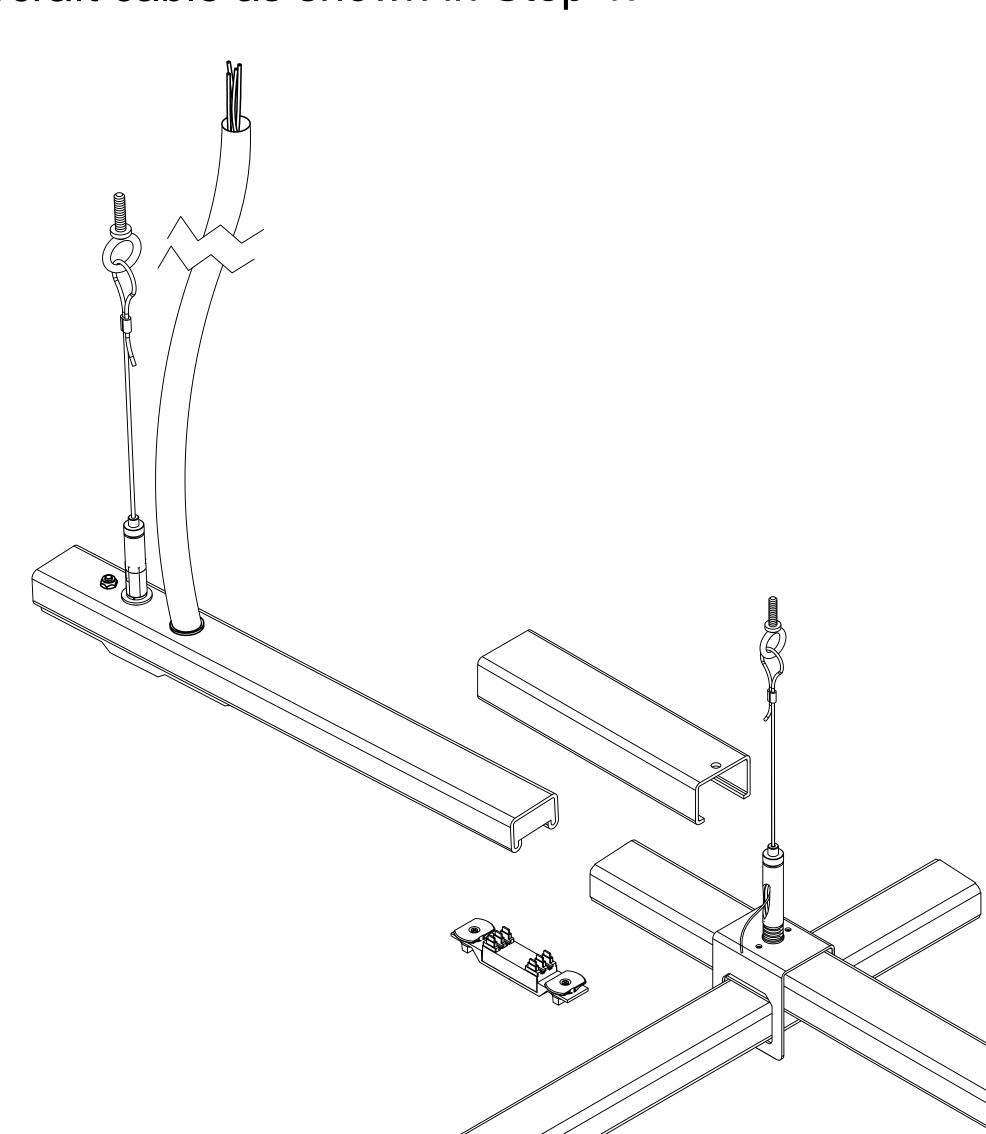
Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



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.

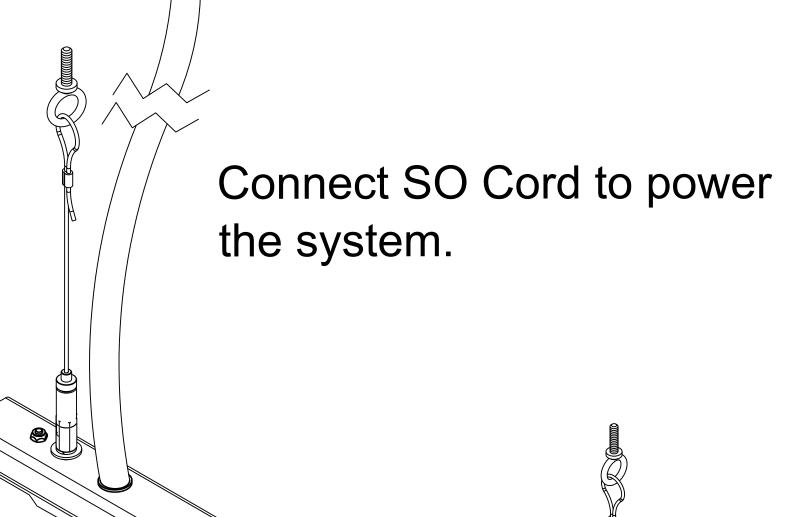
Attach the cable glide to the stud and tighten. Connect the aircraft cable as shown in Step 1.



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.



PAPER SIZE:

ARCH E (48x36

NOT TO SCALE

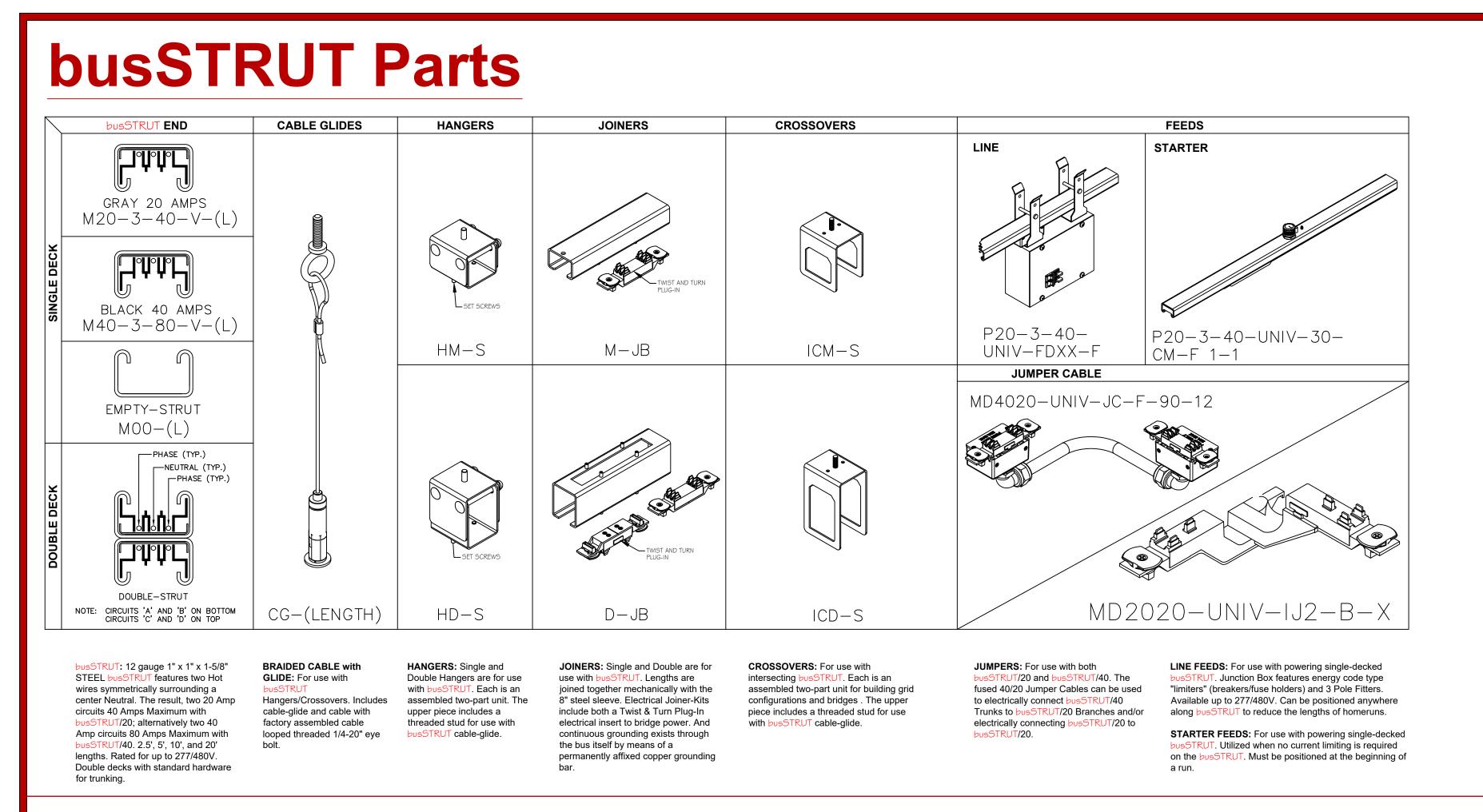
DRAWING NUMBE

E-b02

LARRY GELLER

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

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

ROWS

Bill of Materials

							ŀ	ousSTR	RUT Bill	of Ma	terial	S								
GRID Large													Drawn By		John Loch					
				Finish TBD:									ked By John Loch							
				Galvanized, White, or Black								Date		10/28	3/2024					
			hus	STRU	T LENG	THS				RUT Har					busSTR	UT PO)WFR			
			Dus		RUT 20		Join	ners	Duson	Hang		C-GI	Xover	Jcord	Dussin	1	ine.		GEN	ACT
			-2.5-F-2B	10-277-3-F-2B	-5-F-2B	.7- <mark>F</mark> -2B	SINGLE	JOINER INSERT	NON-ELECTRIC JOINER INSERT	-LFX SINGLE	DÉCOR BRACKET			-UNIV-JCF-90-12-GO2 JUMP CORD	-UNIV-IJ2-F-X	JK-NB-F	-30-CM-F 1-1 CENTER FEED MOUNT	-120-CB20-DC-XX-LE-F DROP	0K80-ST-WD-F	-309-30 -F -(OC)
		5	M20-3-40-277	M20-3-40-277	M20-3-40-277	M20-3-40-277	M-B-F-X	M-I-F-X	M-II-F-NE	HM-S-F-ST-LF	MKU-ST-A-F	CG-E-15-B-GL	ICM-S-F-ST-X	MD4020-UNIV	MD2020-UNIV	P20-3-40-UNIV	P20-3-40-UNIV	MD40-2-120-C	BRL-4-40L-30	BR-LUCY-U-3
R/C Amps	s LF	BF	2.5	3	5	7	M	INS	NE-INS	M	DB	C-GI	1/1	12"	INVS	JK	30ST	40	GEN	ACT
Rows	25	25	-	2		2	-					4	4				4			
R1 20 R2 20	25 25	25		2	1	2	5	5				4	4		1		1			
R3 20	25	25 25		2	1	2	4	4				4	4		1					
R4 20	25	25		2	1	2	4	4				4	4		1					
SUB TOTAL	100	100			3	8	17	17				16	16		3		1			
R/C Amps		BF	2.5	3	5	7	M	INS	NE-INS	M	DB	C-GI	1/1	12"	INVS	JK	30ST	40	GEN	ACT
Columns																				
CI 20	25	25		2	1	2	4	4							1					
C2 20	25	25		2	1	2	4	4							1					
C3 20	25	25		2	1	2	4	4							1					
C4 20	25	25		2	1	2	4	4							1					
SUB TOTAL	100	100		8	4	8	16	16							4					
STORE TOTAL	200.0	200.0	1	16	7	16	33	33				16	16		7		1			

Labor Hours

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

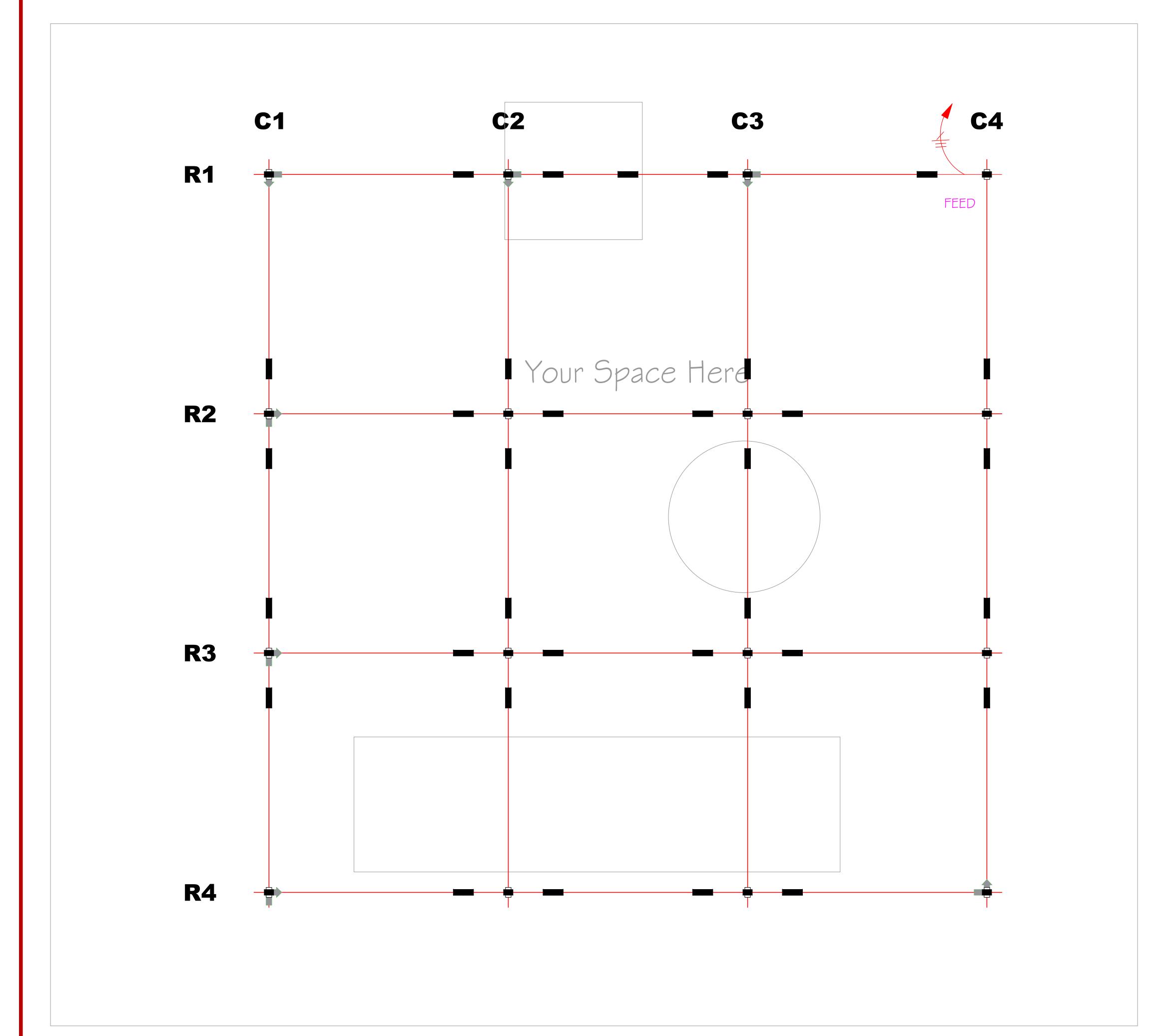
		bи	sST	RU	T LABO	R		
	ITEMS	Qty.	U/M		STANDA LABOR		TOTAL HRS	
	I				mín	hrs 60		
	LENGTHS	200	LF	Х	2.75	0.05	=	9
E E	JOINERS	33	EA	х	12	0.20	=	7
SYSTEM	HANGERS	16	EA	х	25	0.42	=	7
	CROSSOVERS	16	EA	Х	10	0.17	=	3
busstrut	ATTACHMENTS		EA	X	8	0.13	=1	0
9	JUMPERS	7	EA	х	6	0.10	=	1
	FEEDS	1	EA	х	15	0.25	=	0
					busstrut	SUB-TOTAL	=	26
FIXTURES	ACCENT		EA	х	8	0.13	=	0
Ϋ́	LINEARS		EA	х	20	0.33	=	0
		=	0					
						TOTAL TIME	=	26

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)

Bid from the **feeds-in**.



busSTRUT
805 Hillsdowne Road
Suite C
Westerville, OH
43081 PRINCIPAL IN CHARGE:
LARRY GELLERT JOHN LOCH JOHN LOCH 10/28/2024 BID/REVIEW

!	busSTRUI	SHOP DRAWING SET(ONLY)	NOL A KEPLACEMENI FOR	ARCHITECTORAL /	XX ENGINEERING OR ELECTRICAL XX DRAWINGS			
					×	ВУ		
					XXXX	REVISION DESCRIPTION		
					XX-XX-XX	DATE		
					\triangleleft	NO.		
PAPER SIZE: ARCH E $(48x36)$ SCALE $5/8$ " = 1'-0" DRAWING NUMBER E-b1								

