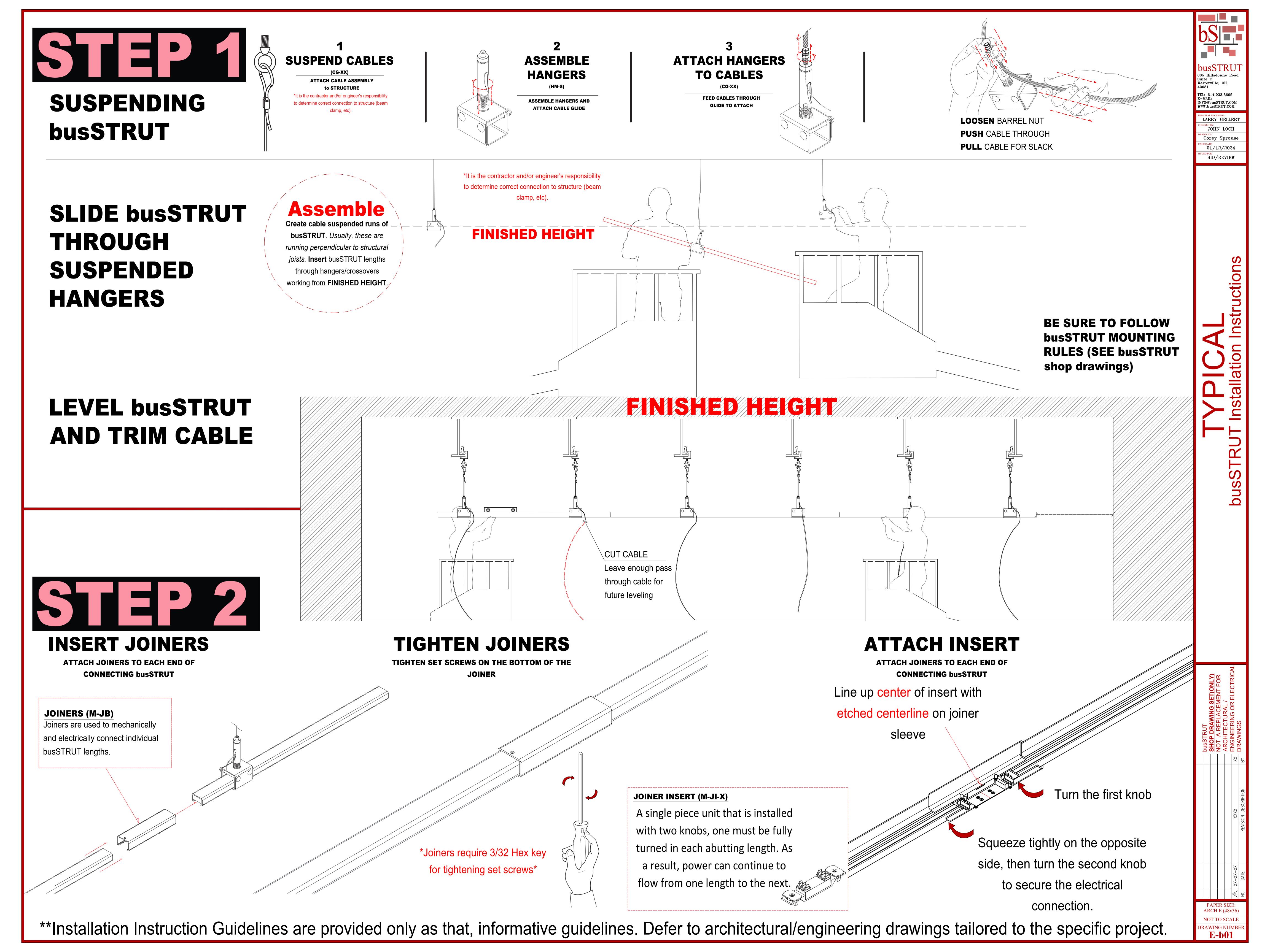


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BID/REVIEW



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.

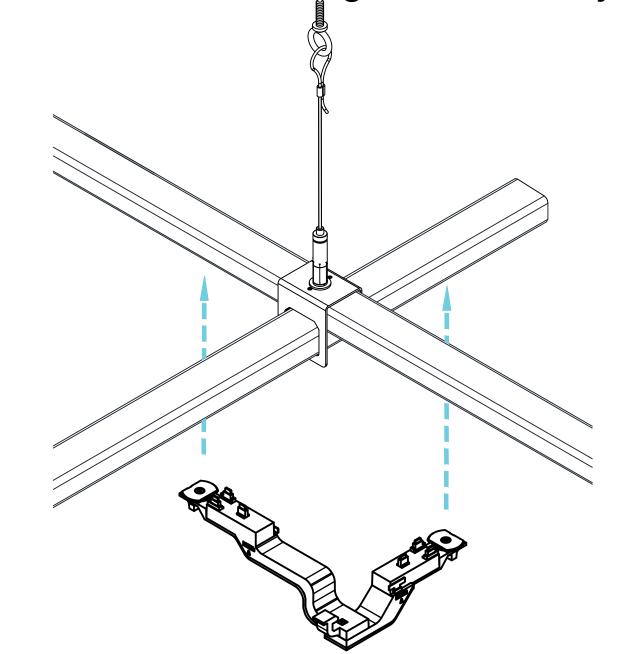
Perpendicular runs can create a full grid or be short bridges which are easily moved into the desired position.

Crosssovers can be slid into position and lifted **B2**

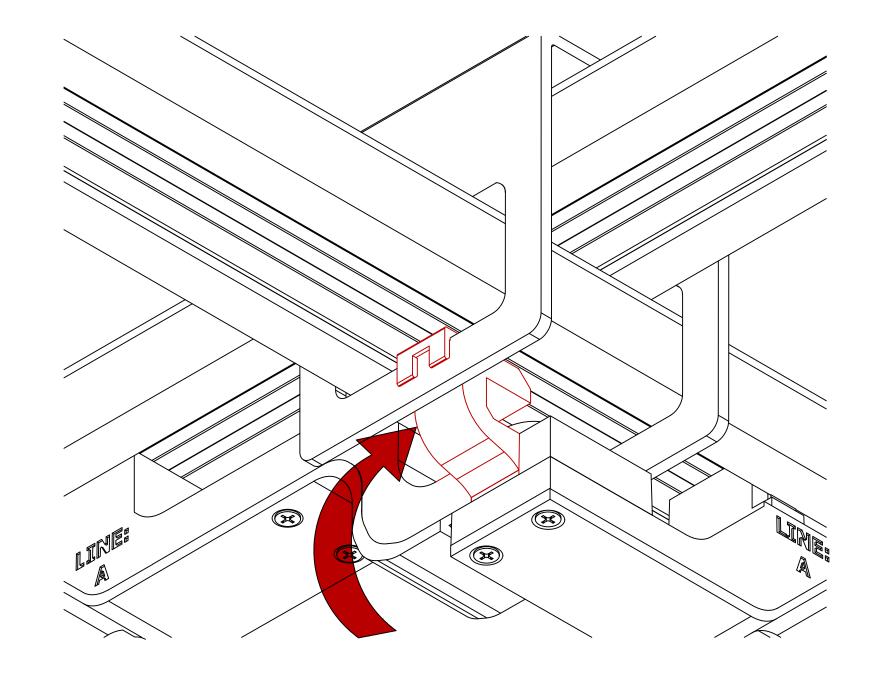
C3

SLIMLINE JUMPER

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

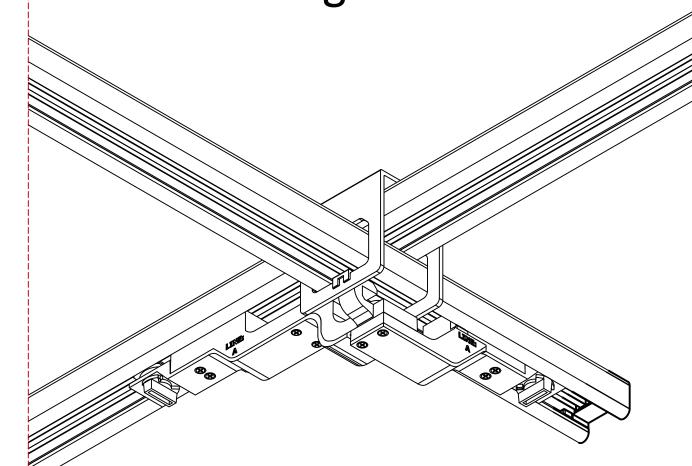


First, clip the jumper to the crossover.

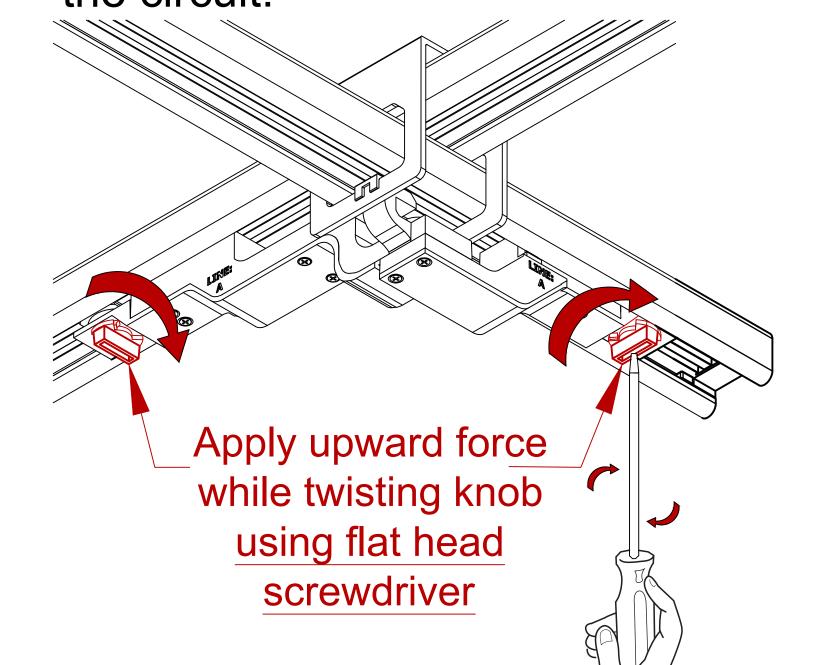


SLIMLINE JUMPER (MD2020-UNIV-IJ2-B-X) A single piece unit that is installed with two knobs, one must be fully turned in each abutting length. As a result, power can continue to flow from one length to the next.

screws.



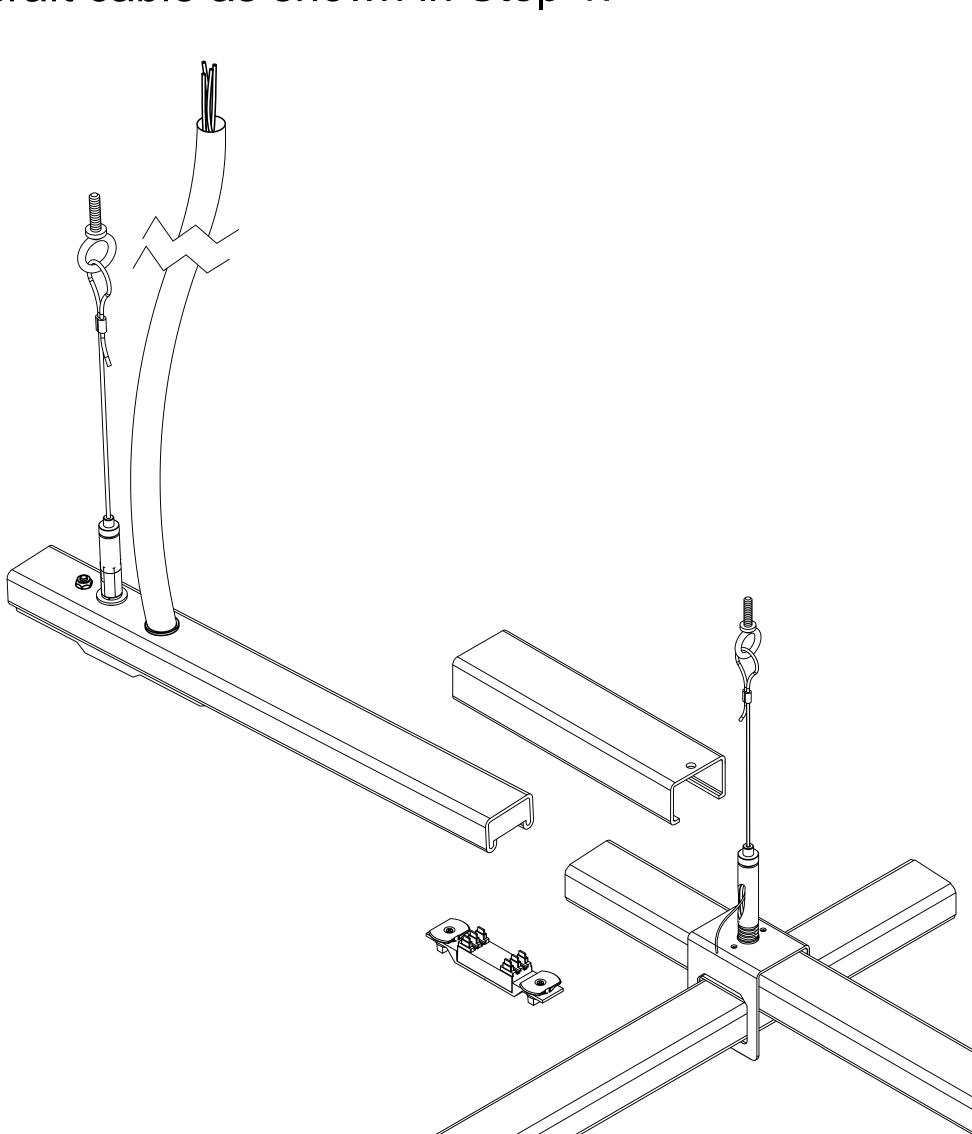
Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



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.

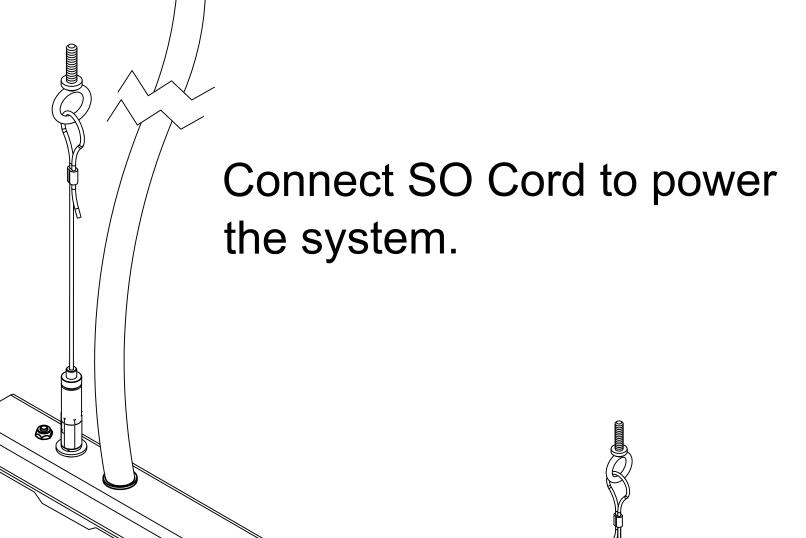
Attach the cable glide to the stud and tighten. Connect the aircraft cable as shown in Step 1.



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

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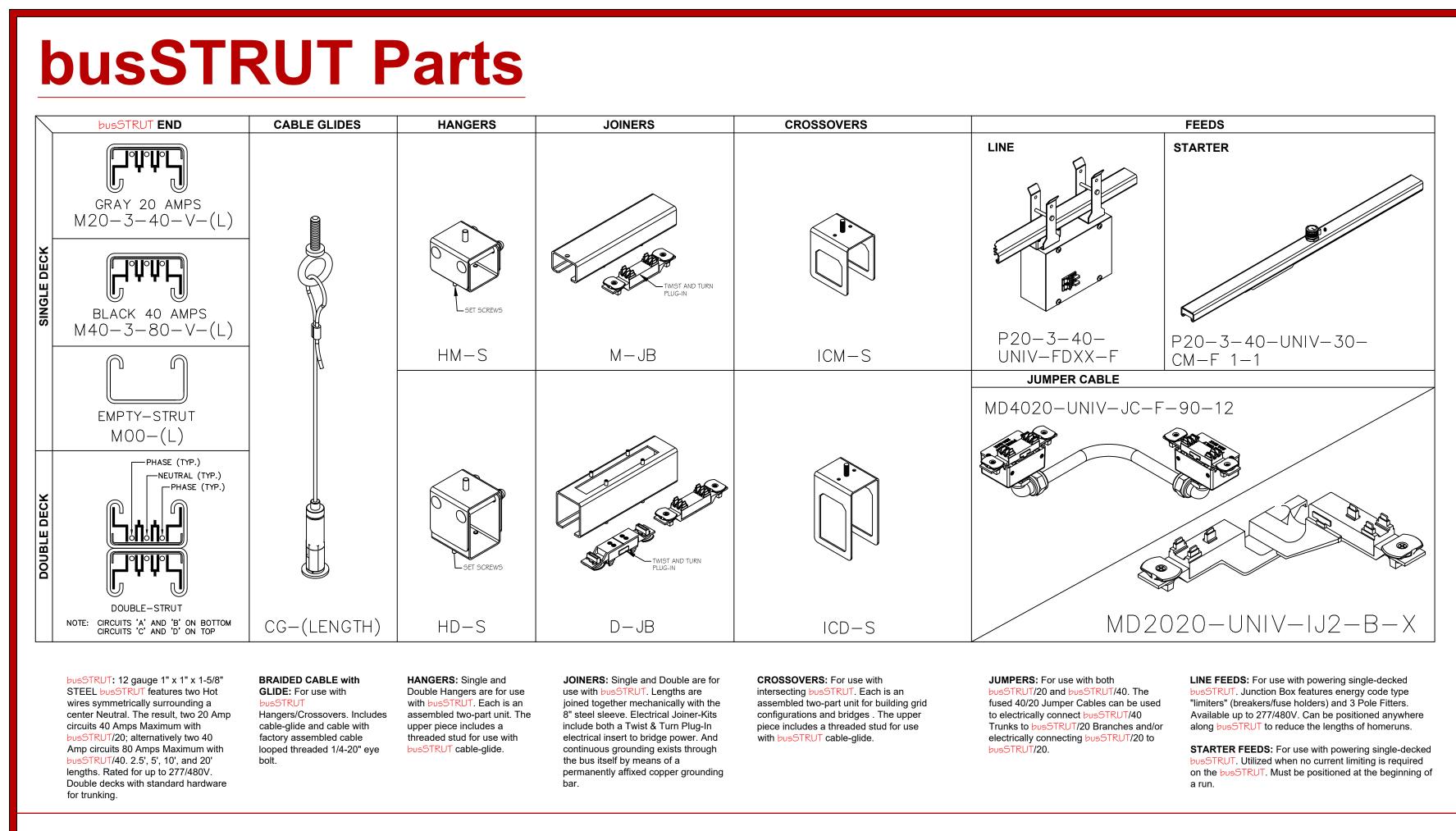
E-b02

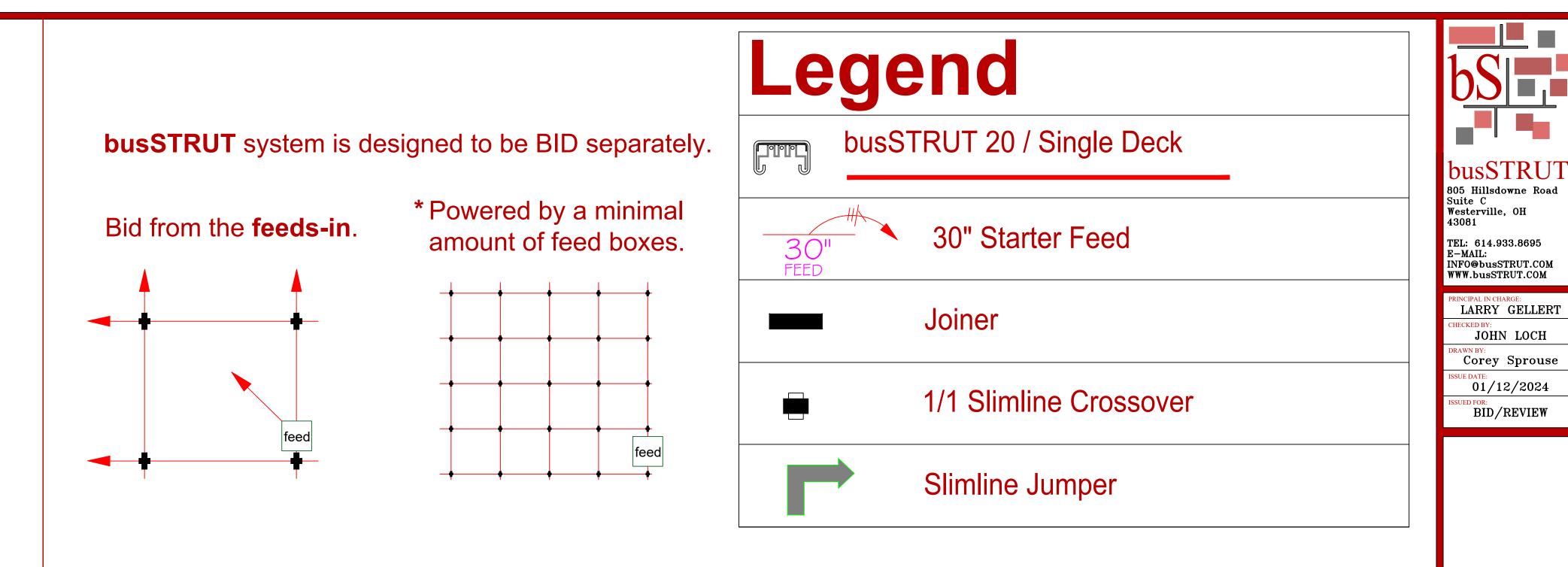
LARRY GELLER

Corey Sprouse

BID/REVIEW

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





SNWN

PAPER SIZE: ARCH E (48x36)

SCALE $1\frac{1}{2}$ " = 1'-0"

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E-b1

Bill of Materials

									busST	RUT Bi	ll of Ma	ateria	ls									
Small Grid								Finish TBD:											Drawn By Checked By		John Loch John Loch	
									Gal	vani	zed,	Wh	nite,	or B	lack			Date		10/23	/2024	
					bus\$1	TRUT LI	L ENGTHS	5			usSTRUT					busSTR	UT PO	WER				
						usSTRU			Join	ners		Hanger		Xover	Jcord		1	ine		GEN	ACT	
									Е	RINSERT	NON-ELECTRIC JOINER INSERT	Е			JUMP CORD			STARTER FEED CENTER MOUNT	Breakered			
		<u> </u>	n	m m					SINGLE	JOINE	NON-E	SINGLE			-JCF-90-12-GO2		뇨	I-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	M-JI-F-X	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	7.5	7.5			1			1	1			2	2		4		1				
R2 SUB TO	20 20	7.5 15	7.5 15			1 2			<u> </u>	2			4	۷		1		1				
R/C	Amps	LF	BF	2.5	3	5	7	10	M	INS	NE-INS	М	C-GI	1/1	12"	INVS	JK	30ST	40	GEN	ACT	
Columns	•													,								
СТ	20	7.5	7.5	1		1			1	1						1						
C2	20	7.5	7.5	1		1			1	1						1						
SUB TO	OTAL	15	15	2		2			2	2						2						
STORE 1	TOTAL	30.0	30.0	3		4			4	4			4	4		3		1				

Labor Hours

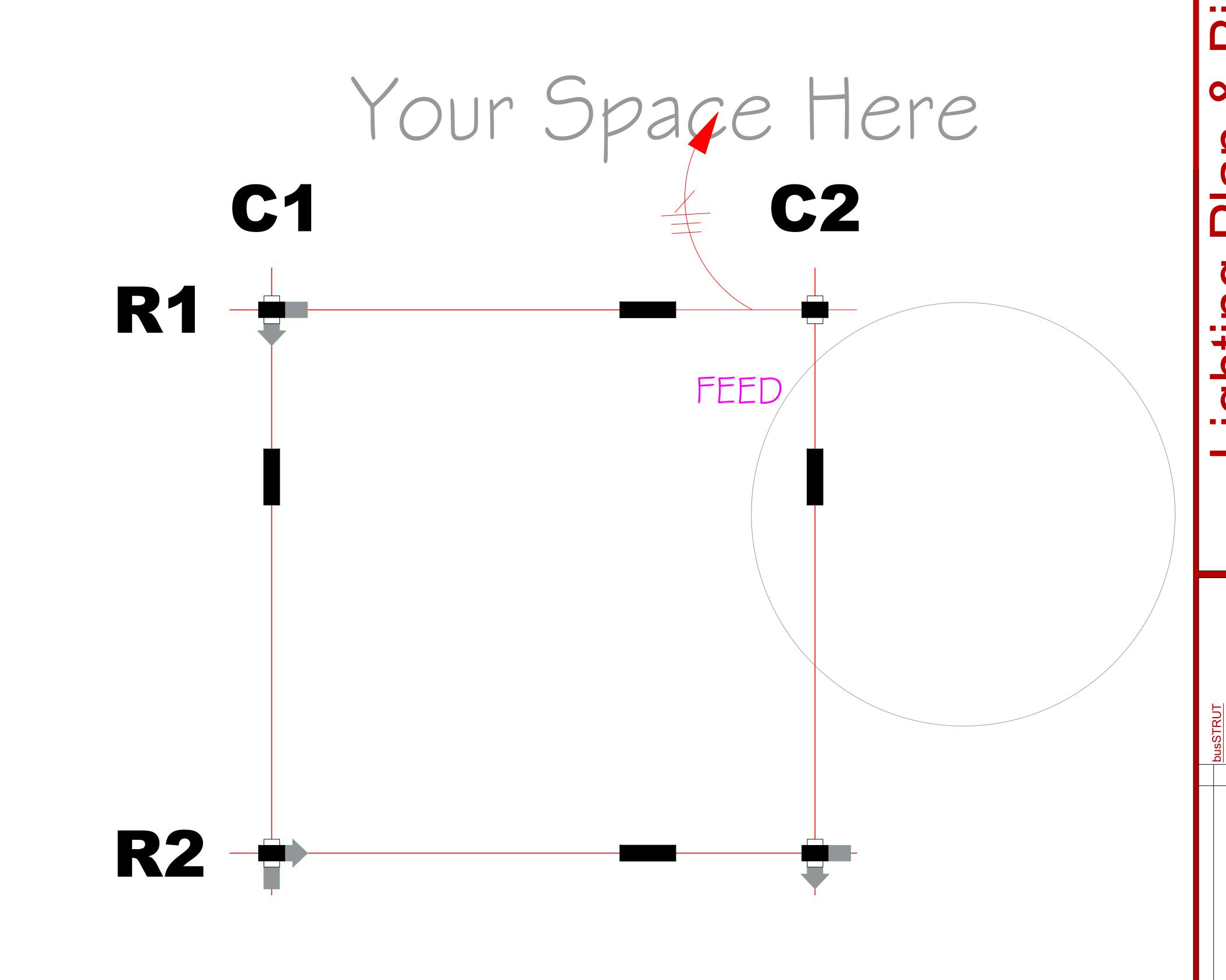
busSTRUT provides time-tested standard labor hours per part, which are then multiplied by the project's Bill of Materials.

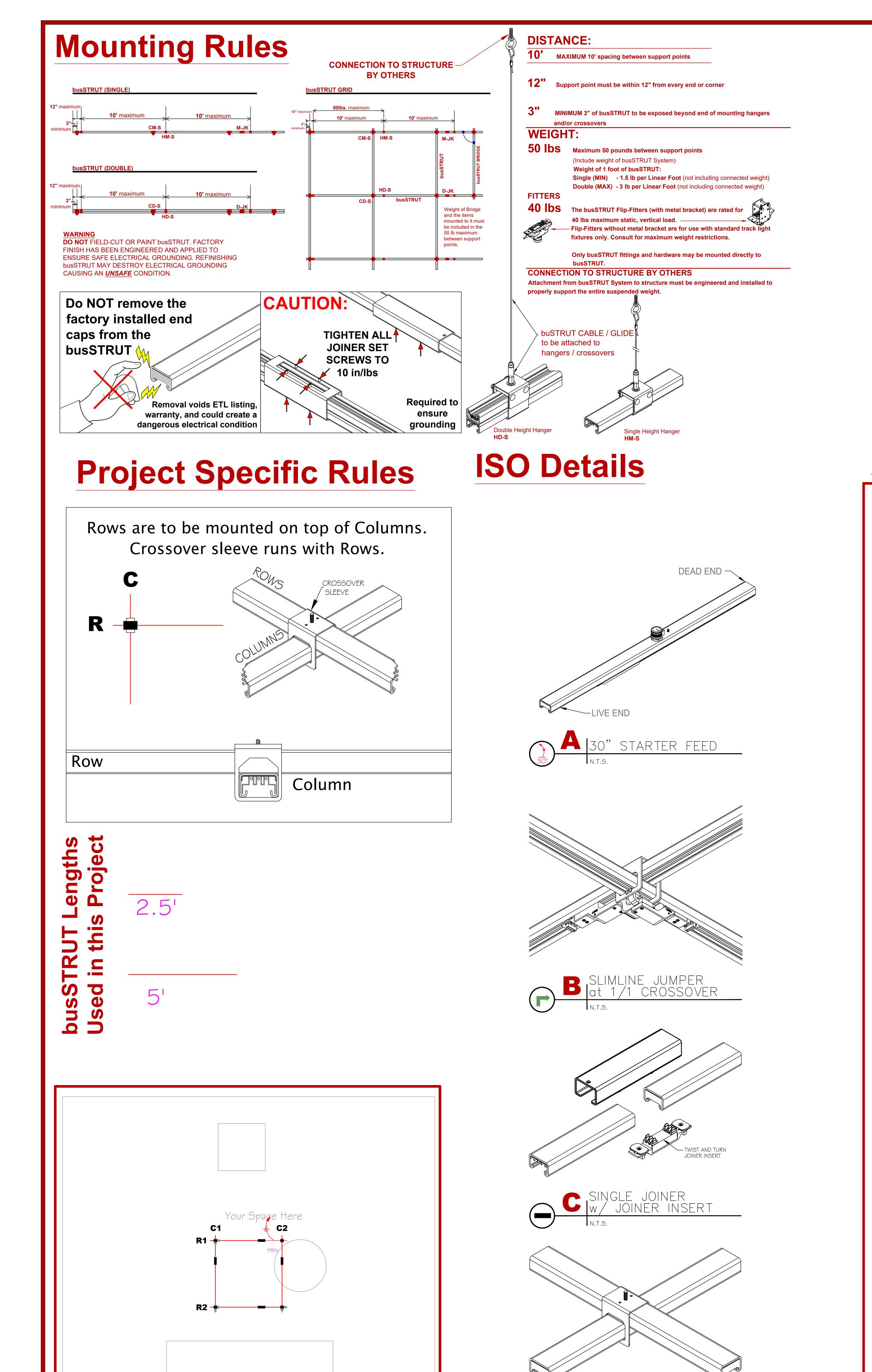
		bu	sST	RU	T LABC	R		
	ITEMS	Qty.	U/M			ARDIZED HOURS hrs 60		TOTAL HRS
	LENGTHS	30	LF	x	2.75	0.05	=	1
N N	JOINERS	4	EA	X	12	0.20	=	1
SYSTEM	HANGERS	4	EA	X	25	0.42	=	2
RKT	CROSSOVERS	4	EA	х	10	0.17	=	1
DUSSTRUT	ATTACHMENTS		EA	X	8	0.13	=	0
9	JUMPERS	3	EA	х	6	0.10	=	0
	FEEDS	1	EA	Х	15	0.25	=	0
					busstrut	SUB-TOTAL	=	5
FIXTURES	ACCENT		EA	x	8	0.13	=	0
Ξ	LINEARS		EA	х	20	0.33	=	0
		bu.	sSTRU"	TRE	ADY LIGHTS	SUB-TOTAL	=	0
						TOTAL TIME	=	5

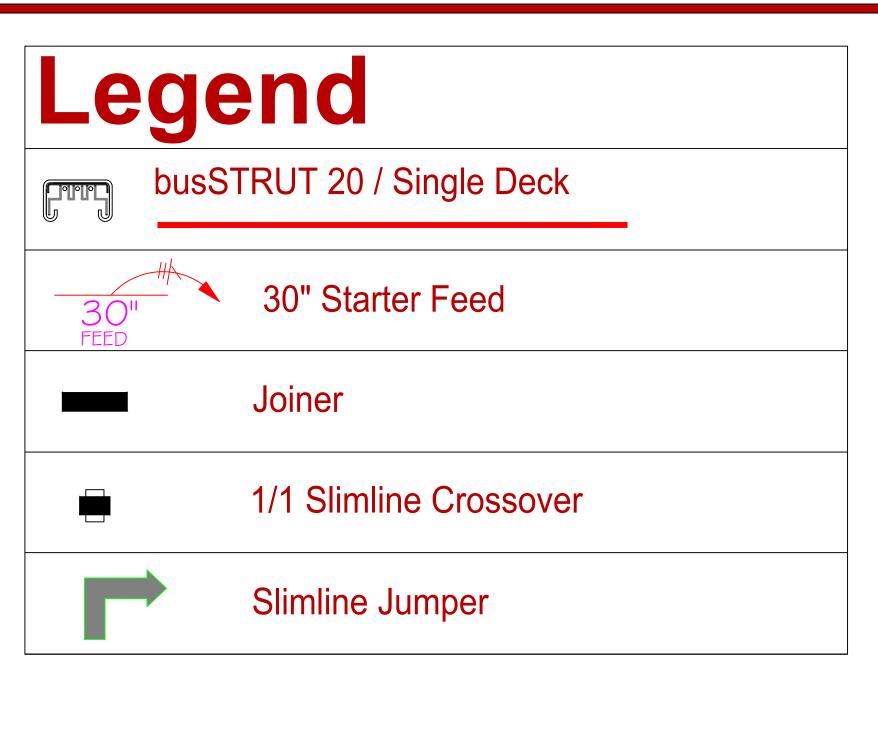
Lighting Plan

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)







busSTRU7

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PRINCIPAL IN CHARGE:

LARRY GELLERT

JOHN LOCH

Corey Sprouse

01/12/2024

BID/REVIEW

ARCH E (48x36)

SCALE 1" = 1'-0"

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SUMUNOO

Dimensions

