busSTRUT Shop Drawing Set Grid (Small) - 7'-6" x 7'-6" Lights

busSTRUT SHOP DRAWING SET (ONLY)

NOT A REPLACEMENT FOR ARCHITECTURAL/ENGINEERING/ ELECTRICAL SPECIFICATIONS. (DEFER TO THEIR DRAWINGS)

CONTRACTOR RESPONSIBILITIES

- CONTRACTOR IS RESPONSIBLE FOR: 1.- FOLLOWING busSTRUT CONFIGURATION MOUNTING POINT RULES.
- 2.- REFERRING TO ARCHITECTURAL PLANS FOR PLACEMENT OF LIGHTS.
- 3.- REFERRING TO ELECTRICAL PLANS FOR POWER DISTRIBUTION AND ELECTRICAL CONNECTION REQUIREMENTS.

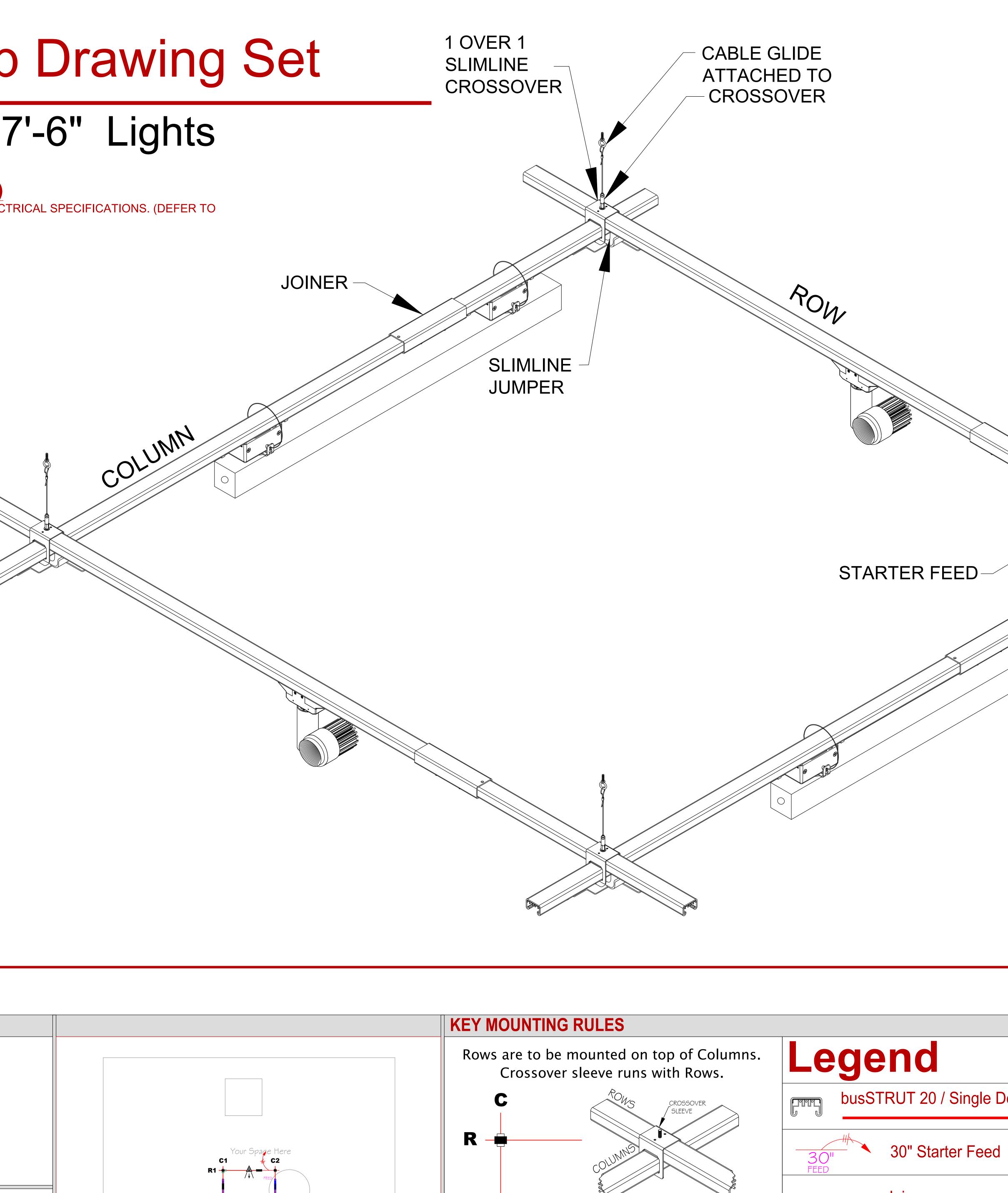
CONNECTION TO

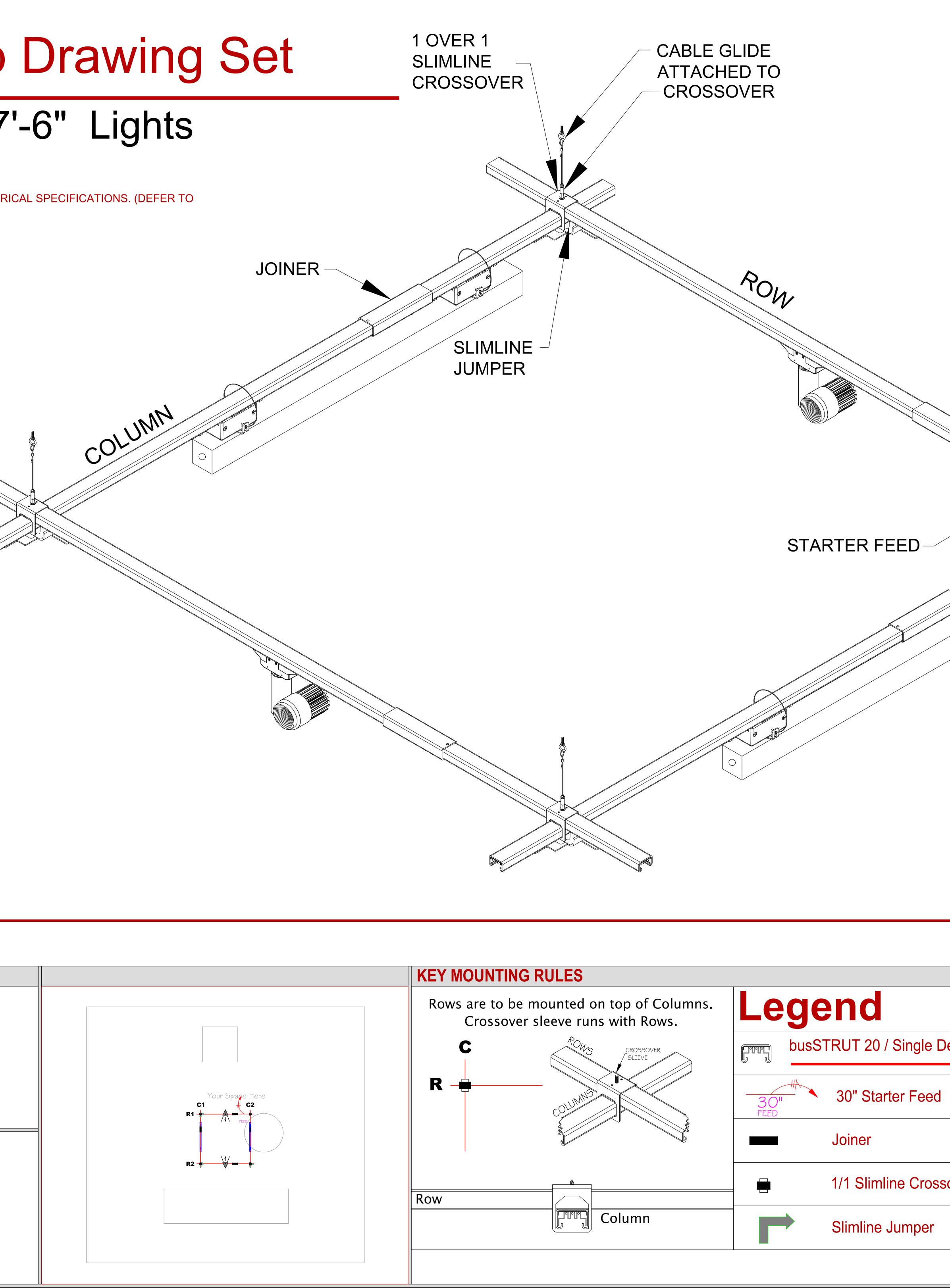
STRUCTURE ATTACHMENT FROM busSTRUT SYSTEM TO STRUCTURE MUST BE ENGINEERED AND INSTALLED TO

SUSPENDED WEIGHT.

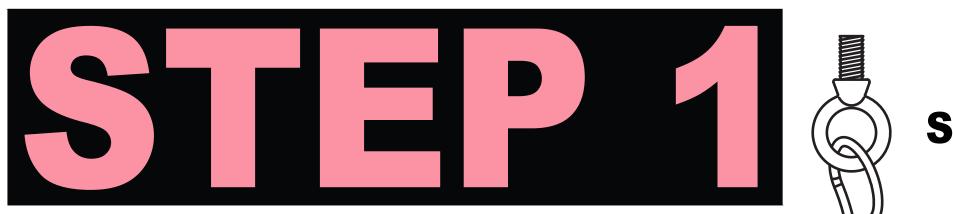
PROPERLY SUPPORT THE ENTIRE

TABLE OF (CONTENTS
E-b01 E-b02	Typical Installation Instructions
E-b1 E-b2	Lighting Plan, BOM, & Labor Hours Assembly Plan

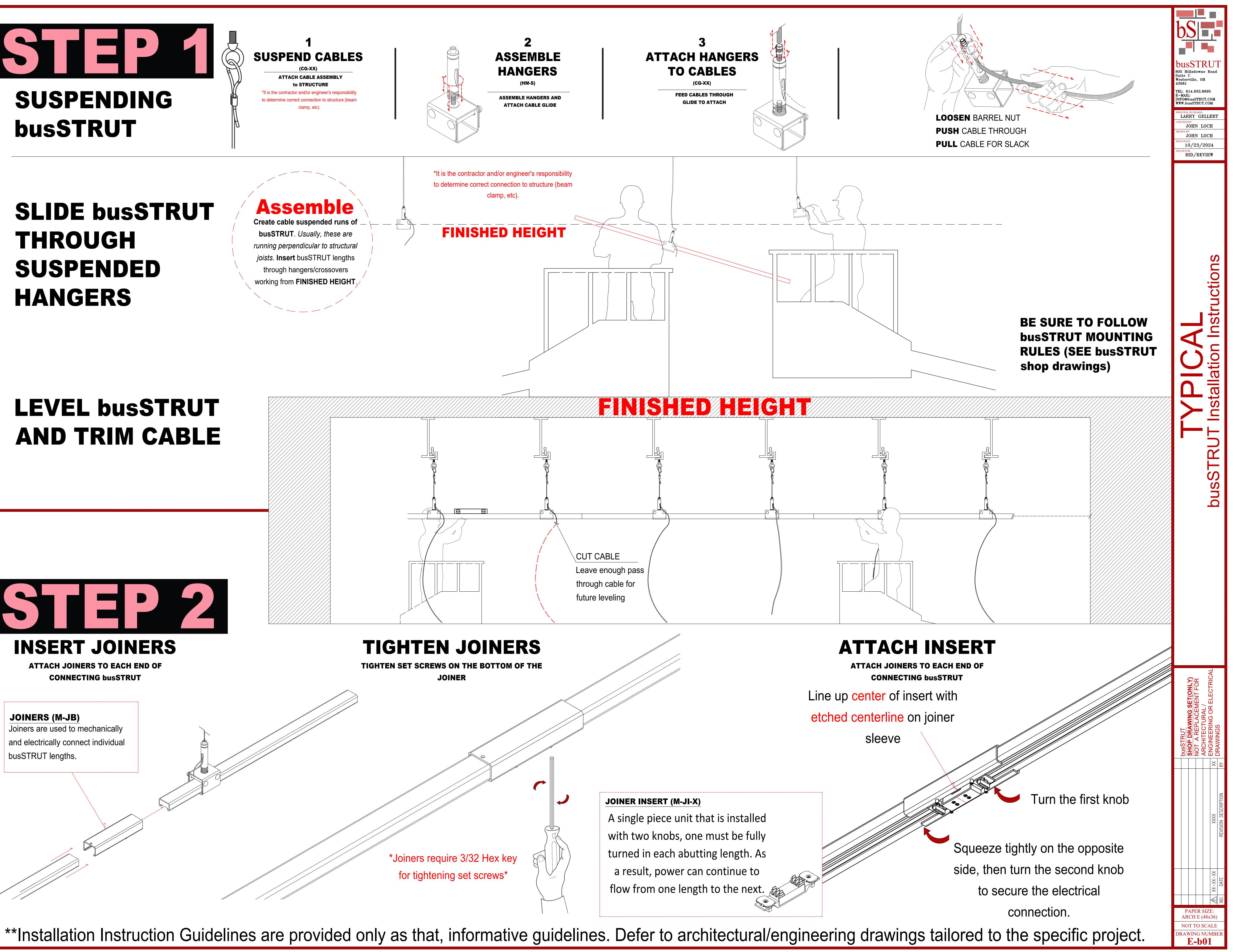




		bbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbb
Rows	COLUMS	
Deck		Image: biseline interval Image: biselinterval Image: biselin



SUSPENDING busSTRUT



SLIDE busSTRUT THROUGH SUSPENDED HANGERS

LEVEL busSTRUT AND TRIM CABLE



INSERT JOINERS

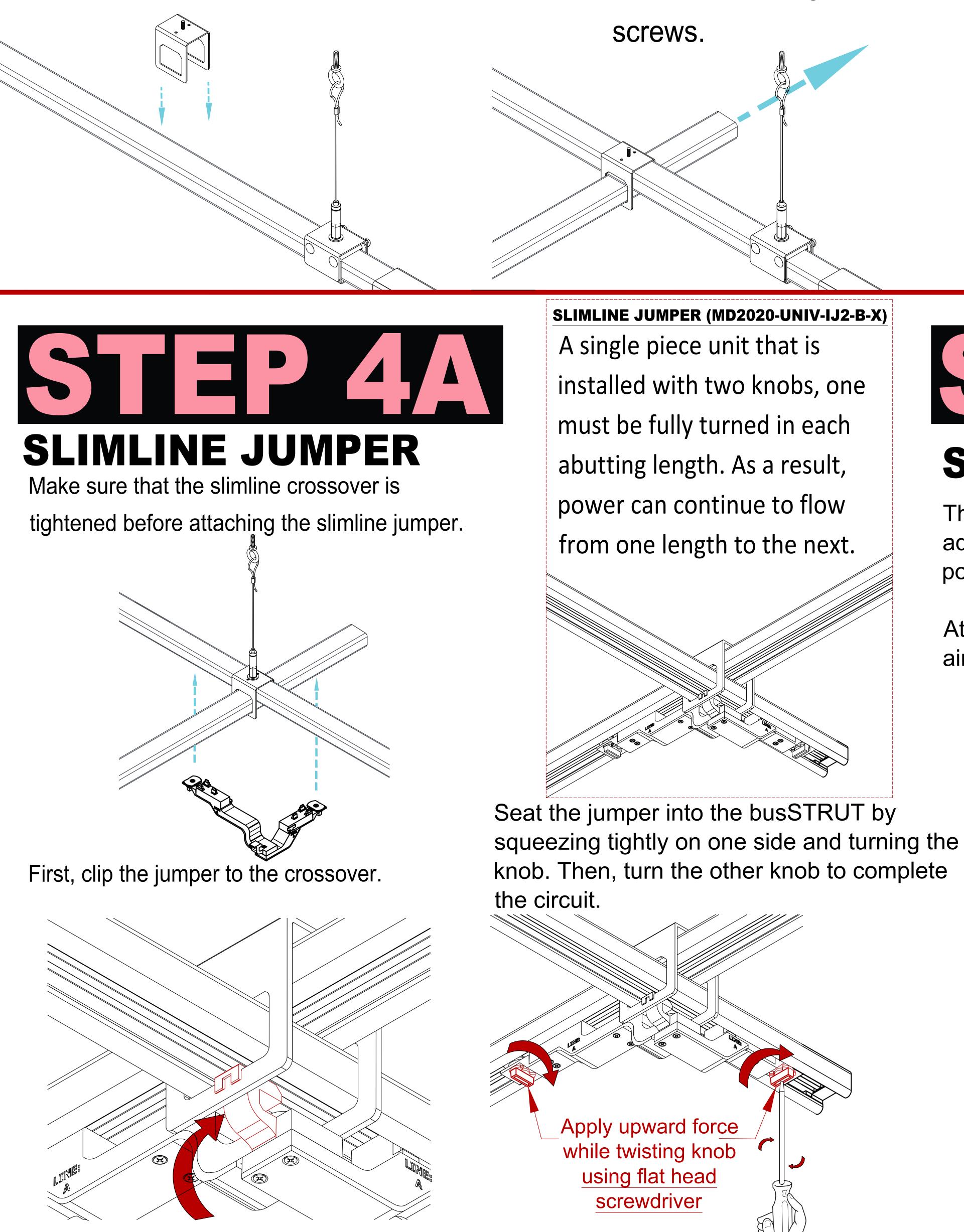
ATTACH JOINERS TO EACH END OF **CONNECTING busSTRUT**

JOINERS (M-JB) Joiners are used to mechanically and electrically connect individual busSTRUT lengths.



DROPPING ON

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



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

SLIDING ON

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

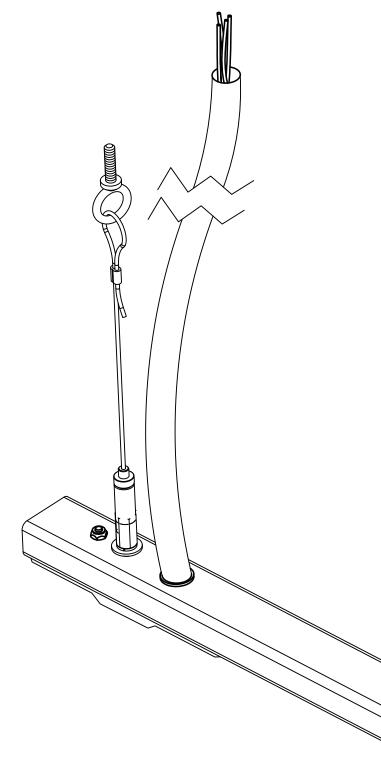
Slide perpendicular runs of busSTRUT through the crossover and tighten the set

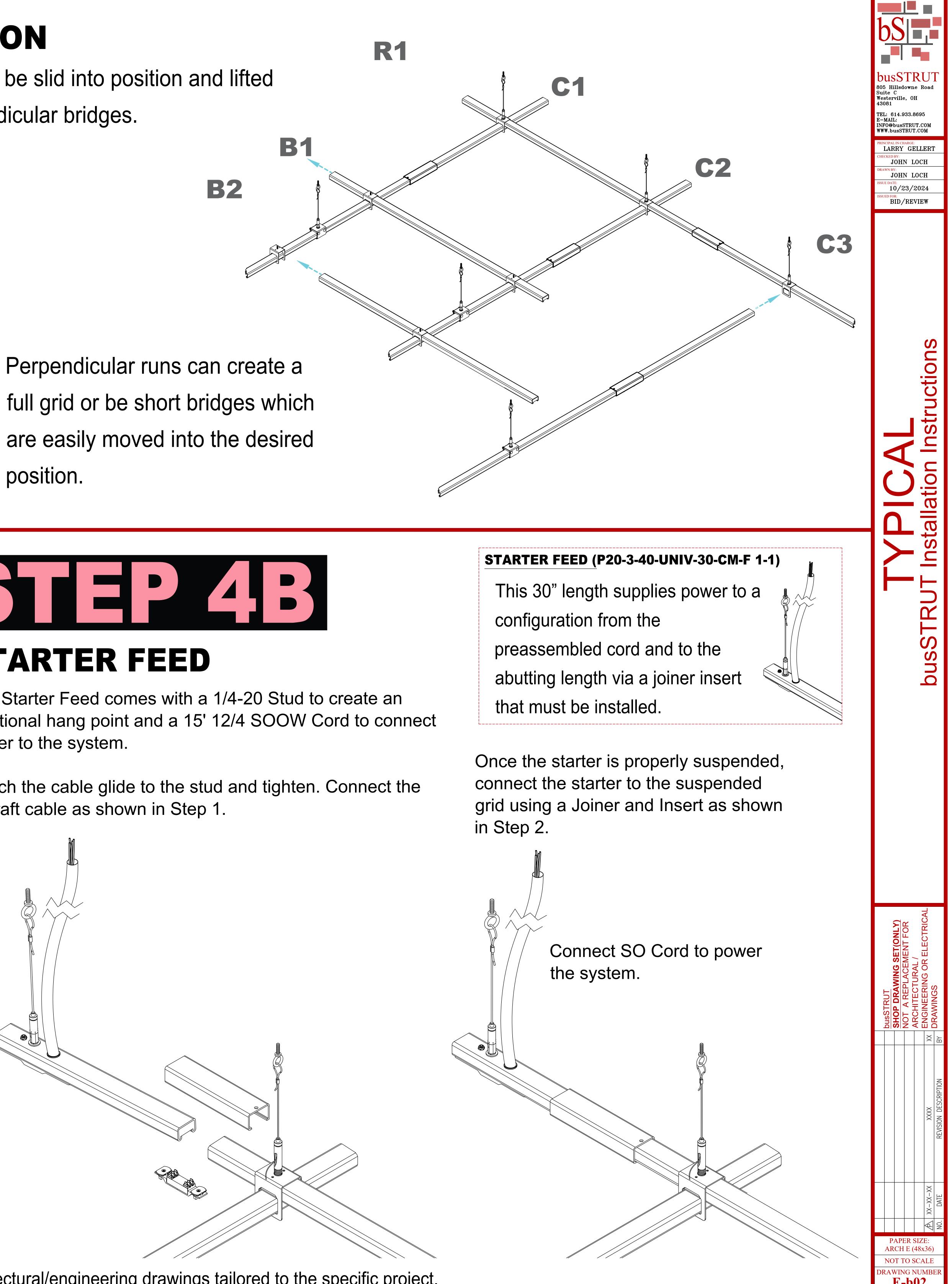
position.

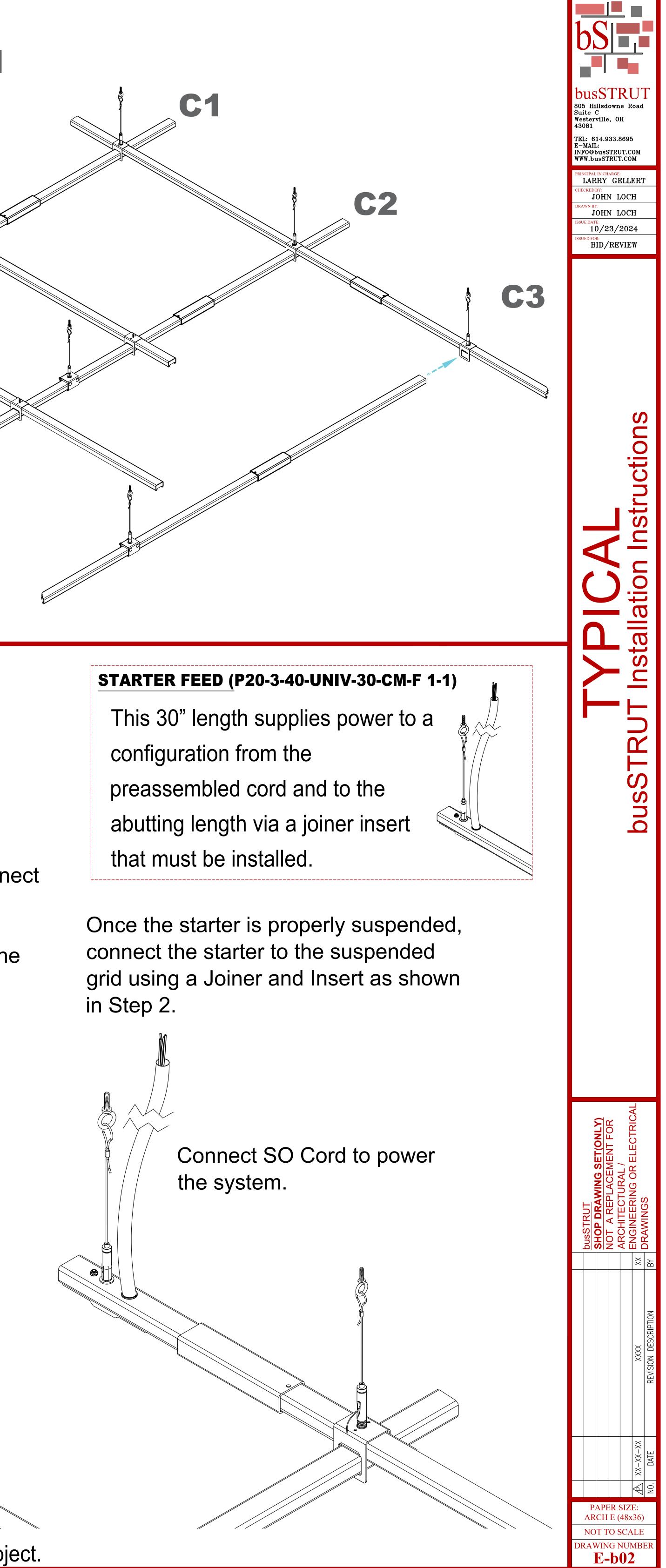


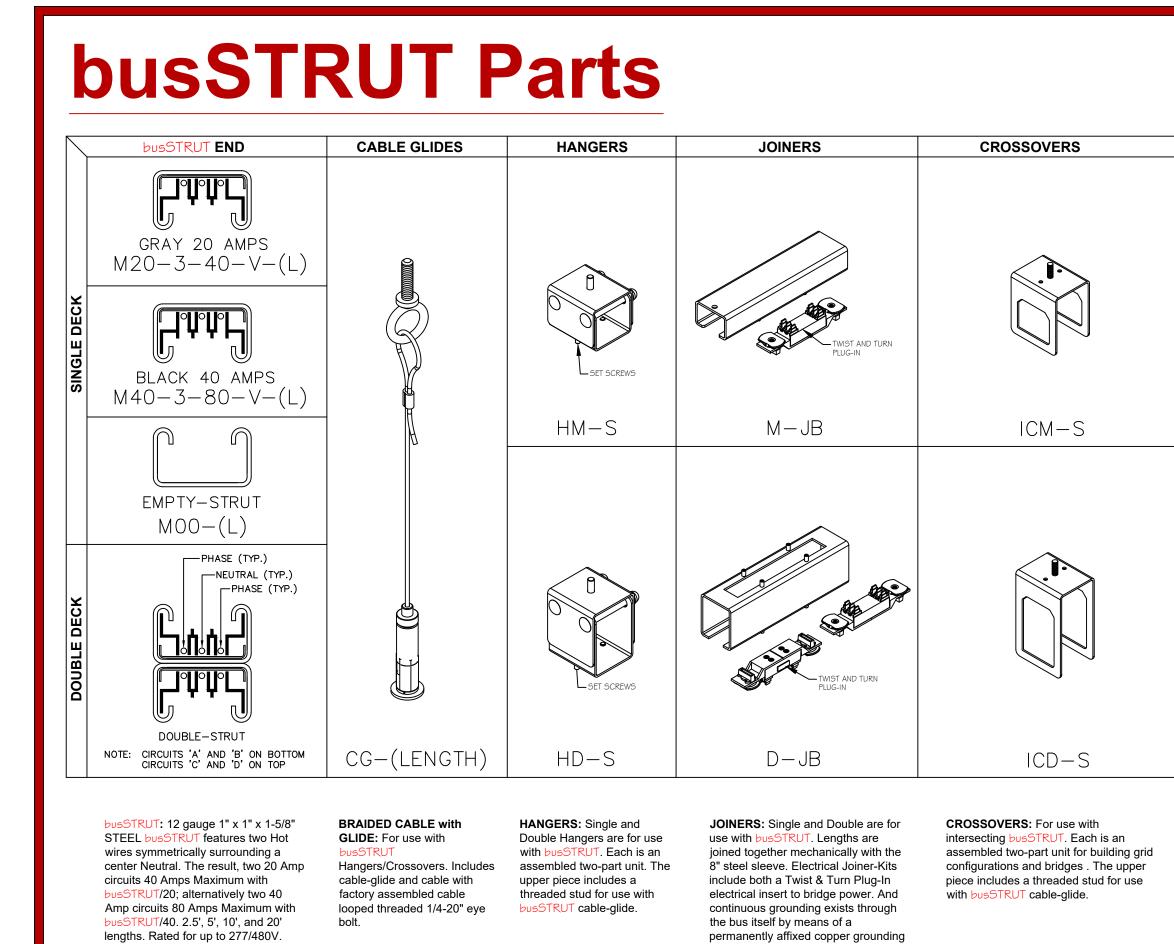
The Starter Feed comes with a 1/4-20 Stud to create an additional hang point and a 15' 12/4 SOOW Cord to connect power to the system.

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









Bill of Materials

Double decks with standard hardware

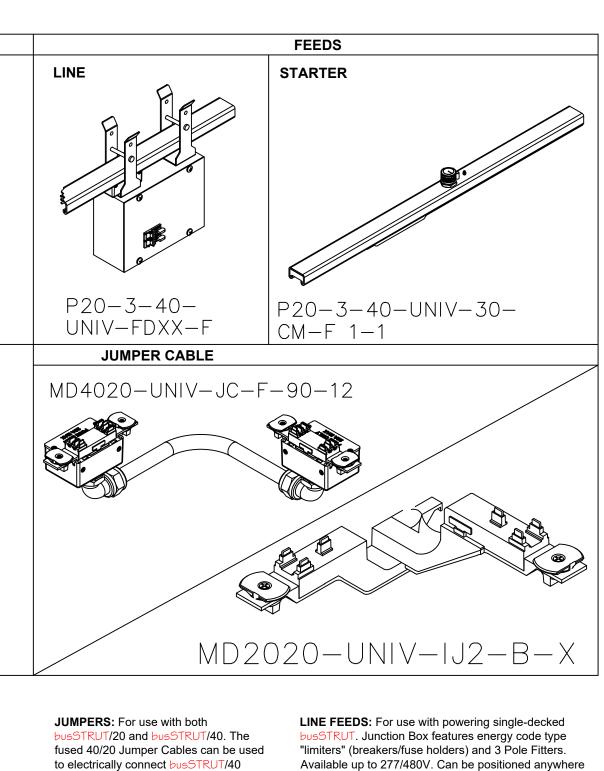
for trunking.

									busST	RUT B i	ll of Ma	aterial	S	-							
Small Grid LT								Finish TBD: Galvanized, White, or Black									Drawn By Checked By Date		John Loch John Loch 10/23/2024		
					1				Gui		-				nuck						
	busSTRUT LI							>	101	ners	usSTRUT	Hardwa Hangers		Xover	Jcord	busSTR		ine		GEN	АСТ
									Ш	R INSERT	NON-ELECTRIC JOINER INSERT				JUMP CORD			STARTER FEED CENTER MOUNT	Breakered	GEN	
			ŋ	-2B			~	-2B	SINGLE	JOINER	JOINEF	SINGLE			-JC <mark>F</mark> -90-12-GO2	×	<mark>н</mark> В	M-F 1-1		T-WD-F	-30-F-(OC)
				M20-3-40-277-2.5- <mark>F</mark> -;	M20-3-40-277-3- <mark>F</mark> -2B	M20-3-40-277-5- <mark>F</mark> -2B	M20-3-40-277-7- <mark>F</mark> -2B	M20-3-40-277-10- <mark>F</mark> -2	M-JB- <mark>F</mark> -X	X1M	M-JI- <mark>F</mark> -NE	HM-S-F-ST-LFX	CG-E-15-B-GL	ICM-S-F-ST-X	MD4020-UNIV-JCF-9	MD2020-UNIV-IJ2-F-X	P20-3-40-UNIV-JK-NB- <mark>F</mark>	P20-3-40-UNIV-30-CM-F	P40-3-60-UNIV-FD-F	BRL-4-40L-30K80-S	BR-LUCY-U-309-30-
R/C	Amps	LF	BF	2.5	3	5	7	10	М	INS	NE-INS	М	C-GI	1/1	12"	INVS	ЈК	30ST	40	GEN	ΑСΤ
Rows																					
RI R2	20 20	7.5 7.5	7.5 7.5			1			1	1			2 2			1		1			1
SUB T		7.5 15	/.5 15			2			2	2			4			1		1			2
R/C	Amps	LF	BF	2.5	3	5	7	10	M		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				1	
C2	20	7.5	7.5	1		1			1	1						1				1	
SUB T	OTAL	15	15	2		2			2	2						2				2	
CTOPE	TOTAL	30.0	30.0	3		4			4	4			4	4		3		1		2	2
SIURE																					

Labor Hours

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

		1 0
	ITEMS	່ຽນຮ Qty.
	LENGTHS	30
Ы	JOINERS	4
SYST	HANGERS	4
busstrut SYSTEM	CROSSOVERS	4
SSTR	ATTACHMENTS	
pro	JUMPERS	3
	FEEDS	1
FIXTURES	ACCENT	2
FIX	LINEARS	2
		bus



a run.

Trunks to busSTRUT/20 Branches and/or electrically connecting busSTRUT/20 to

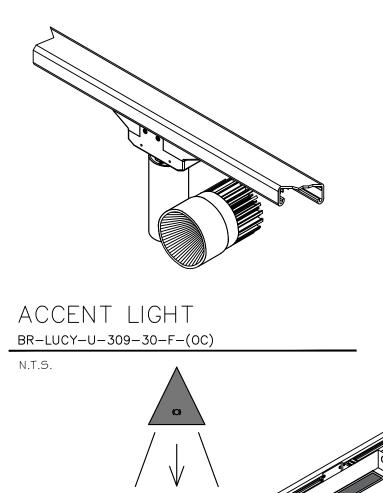
busSTRUT/20.

along busSTRUT to reduce the lengths of homeruns.

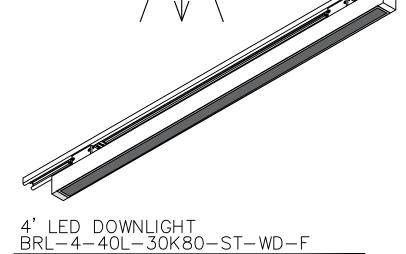
STARTER FEEDS: For use with powering single-decked

on the busSTRUT. Must be positioned at the beginning of

busSTRUT. Utilized when no current limiting is required



Lights

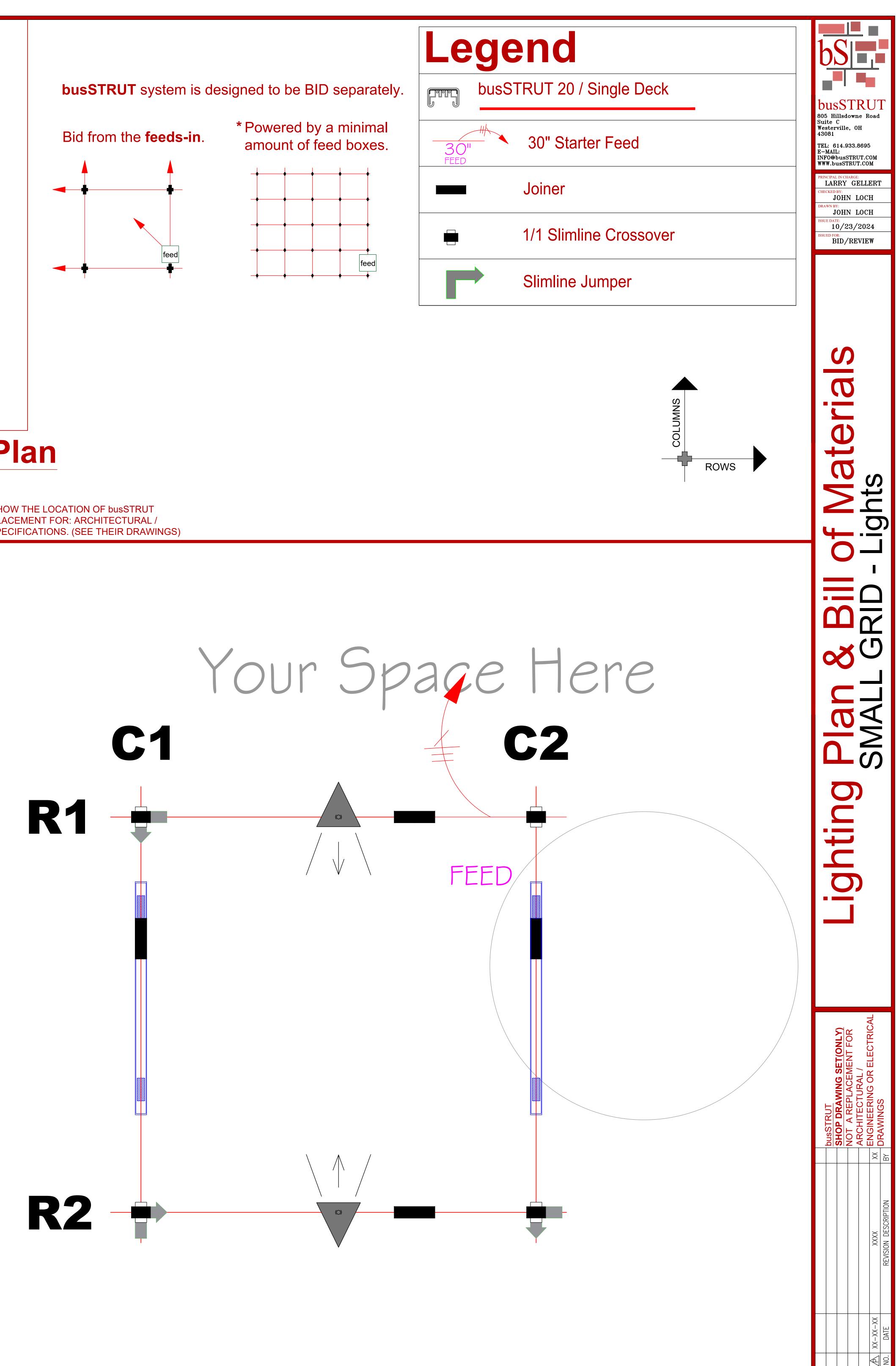


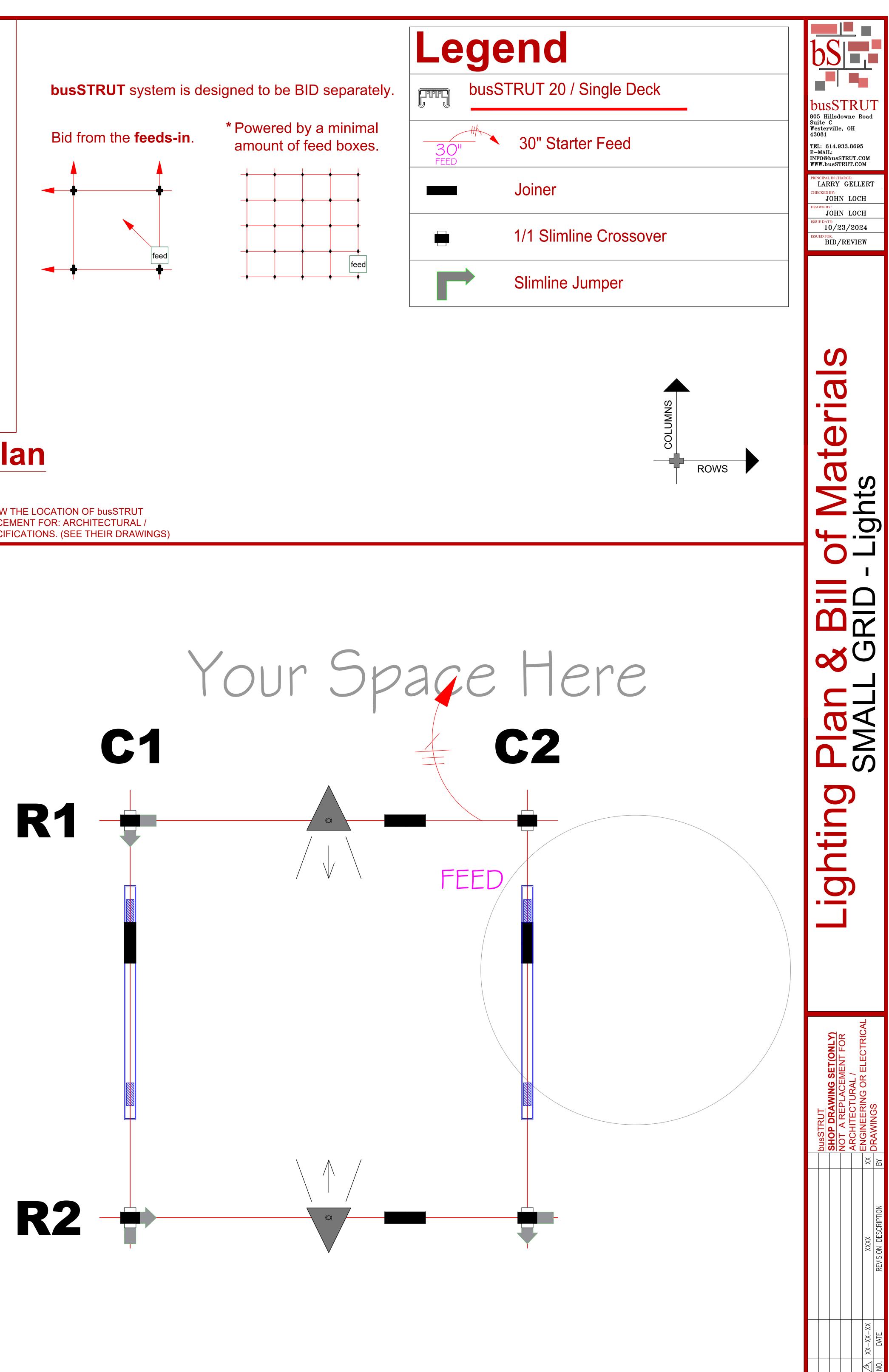
Lighting Plan

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)

sST	RUT	LABC	R		
U/M		TOTAL HRS			
LF	x	2.75	0.05	=	1
EA	x	12	0.20	=	1
EA	×	25	0.42	=	2
EA	x	10	0.17	=	1
EA	x	8	0.13	=	0
EA	×	6	0.10	=	0
EA	x	15	0.25	=	0
	I	OUSSTRUT	SUB-TOTAL	=	5
EA	X	8	0.13	=	0
EA	х	20	0.33	=	1
SSTRU	TREAD	Y LIGHTS	SUB-TOTAL	=	1
			TOTAL TIME	=	6



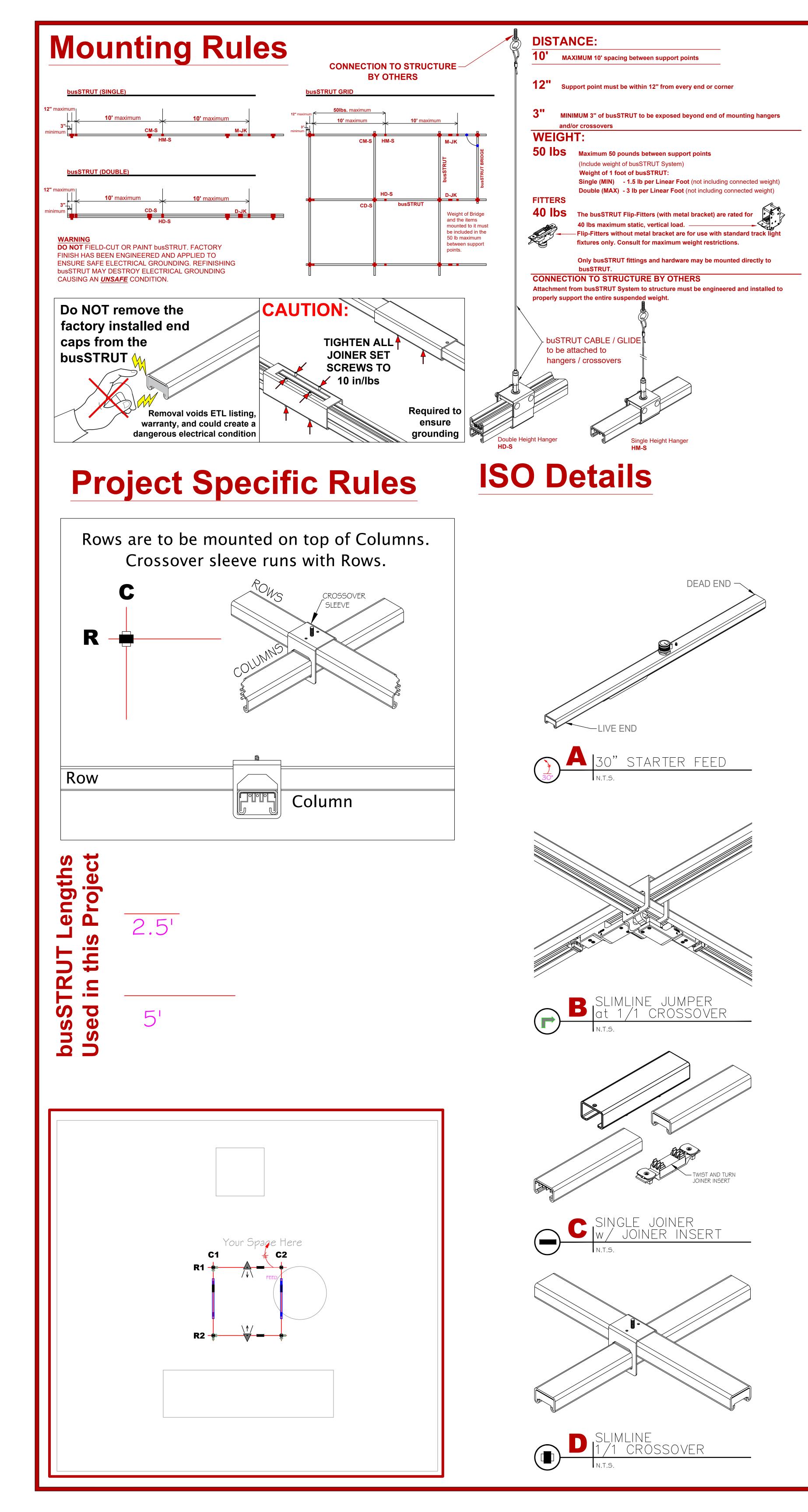


PAPER SIZE: ARCH E (48x36)

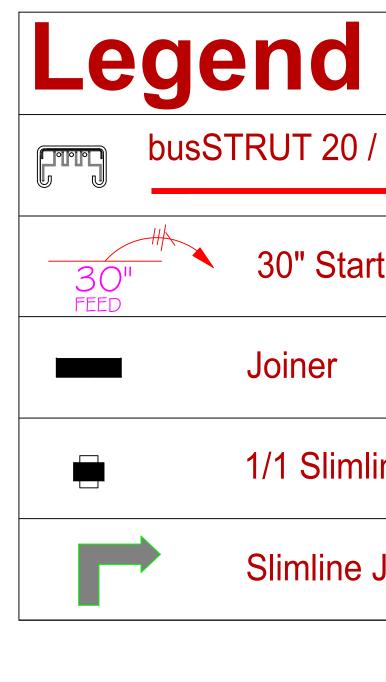
SCALE $1\frac{1}{2}$ " = 1'-0"

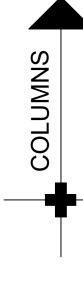
RAWING NUMBEI

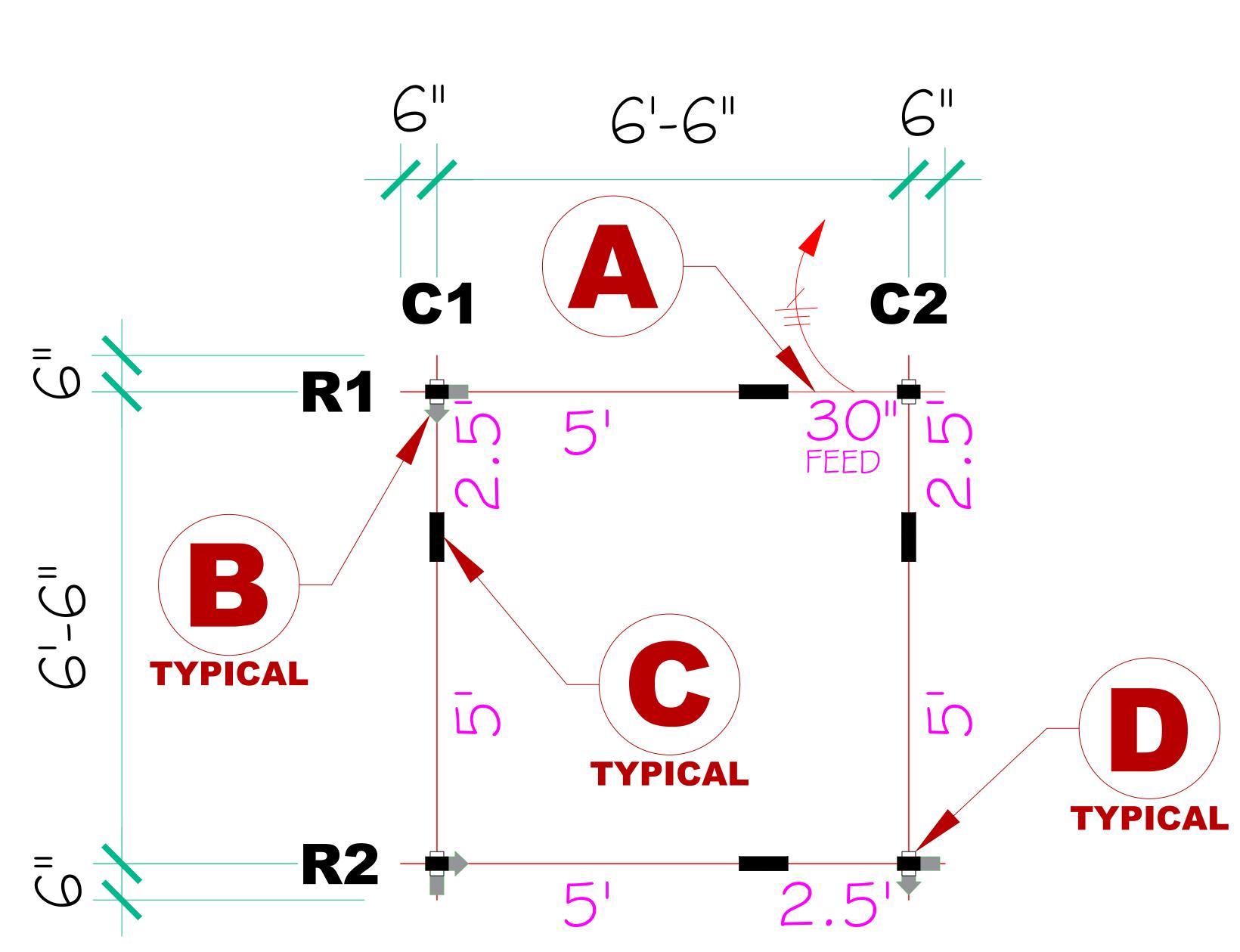
E-b1



Dimensions







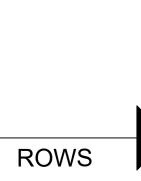
busSTRUT 20 / Single Deck

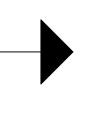
30" Starter Feed

Joiner

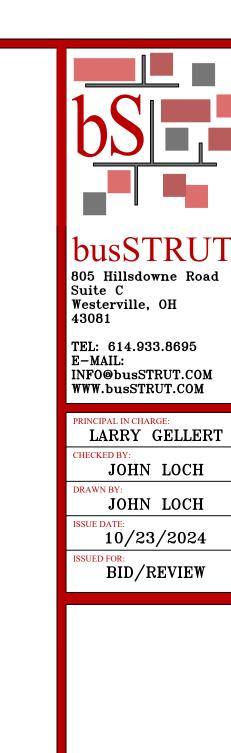
1/1 Slimline Crossover

Slimline Jumper











	bussIRUI	SHOP DRAWING SET(ONLY)	NOI A REPLACEMENT FOR							
					XX	BΥ				
					XXXX	REVISION DESCRIPTION				
					ХХ-ХХ-ХХ	DATE				
					\forall	NO.				
	AR	CH	ER S E E (48x	:36)					
			E 1" IG 1		-					
DRAWING NUMBER E-b2										