busSTRUT Shop Drawing Set

Grid (Small) - 7-'6" x 7'-6" Lights & Power Drops

busSTRUT SHOP DRAWING SET (ONLY)

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

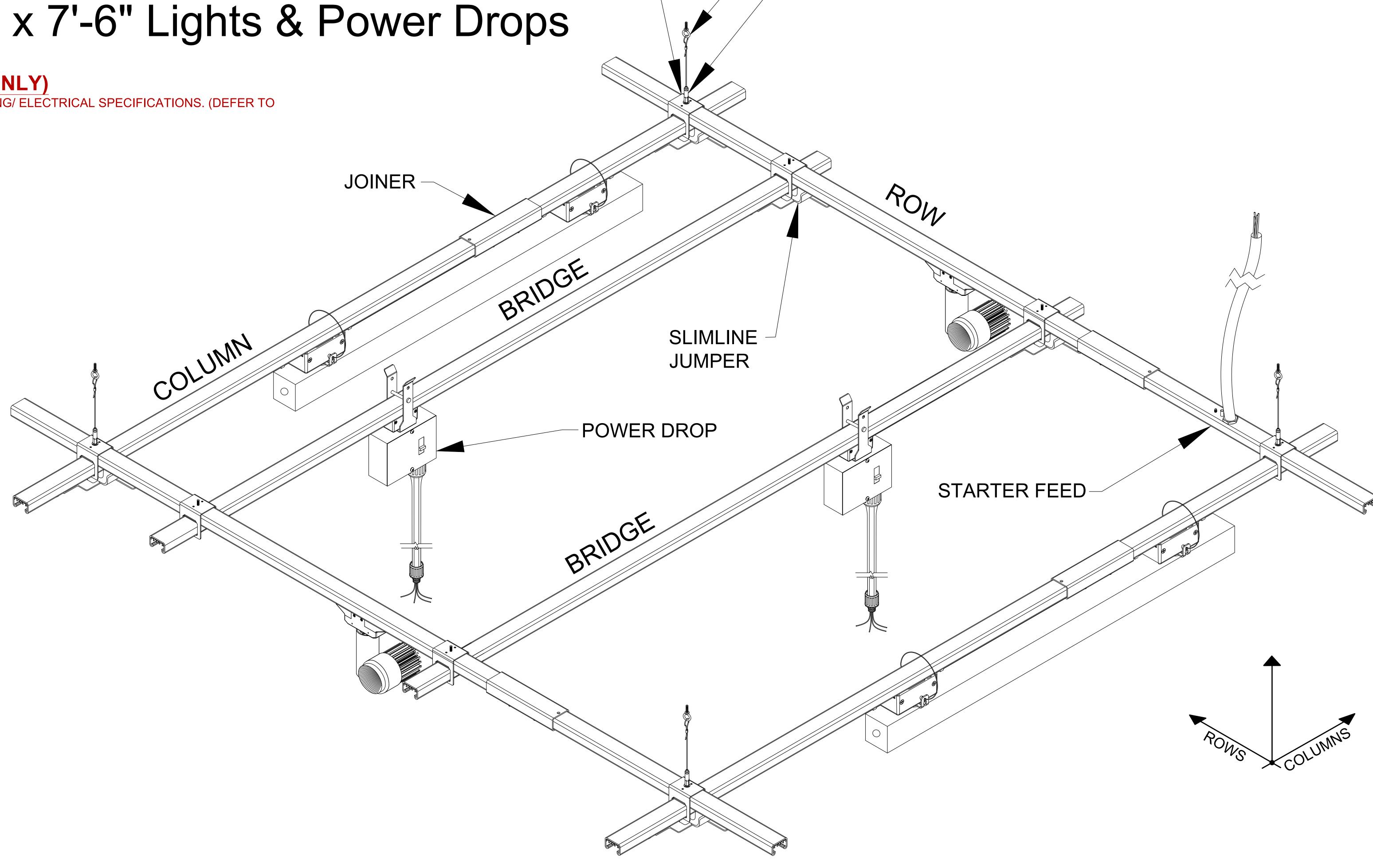
CONTRACTOR RESPONSIBILITIES

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 PROPERLY SUPPORT THE ENTIRE SUSPENDED WEIGHT.



CABLE GLIDE

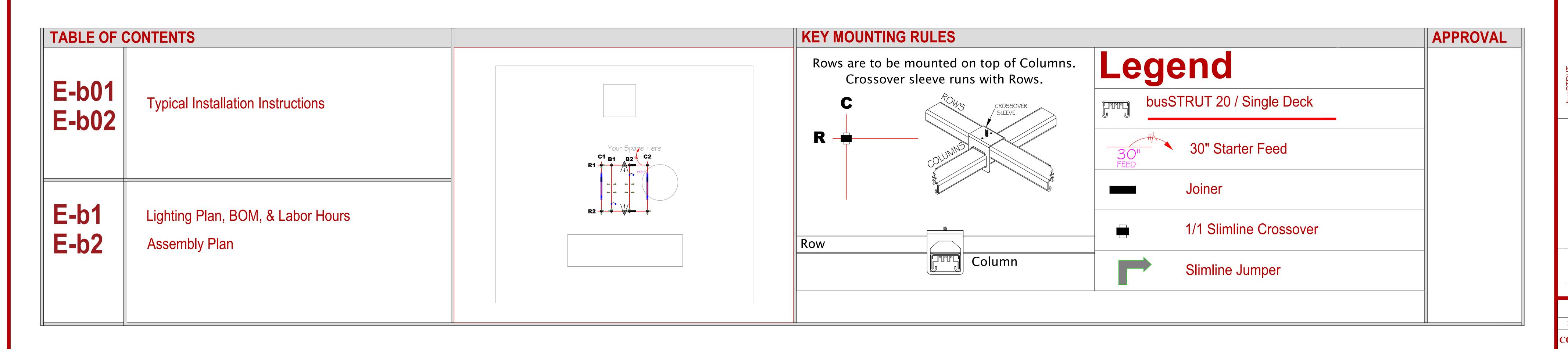
ATTACHED TO

- CROSSOVER

1 OVER 1

SLIMLINE

CROSSOVER



PAPER SIZE: ARCH E (48x36) NOT TO SCALE **COVER SHEE**

805 Hillsdowne Road Suite C Westerville, OH

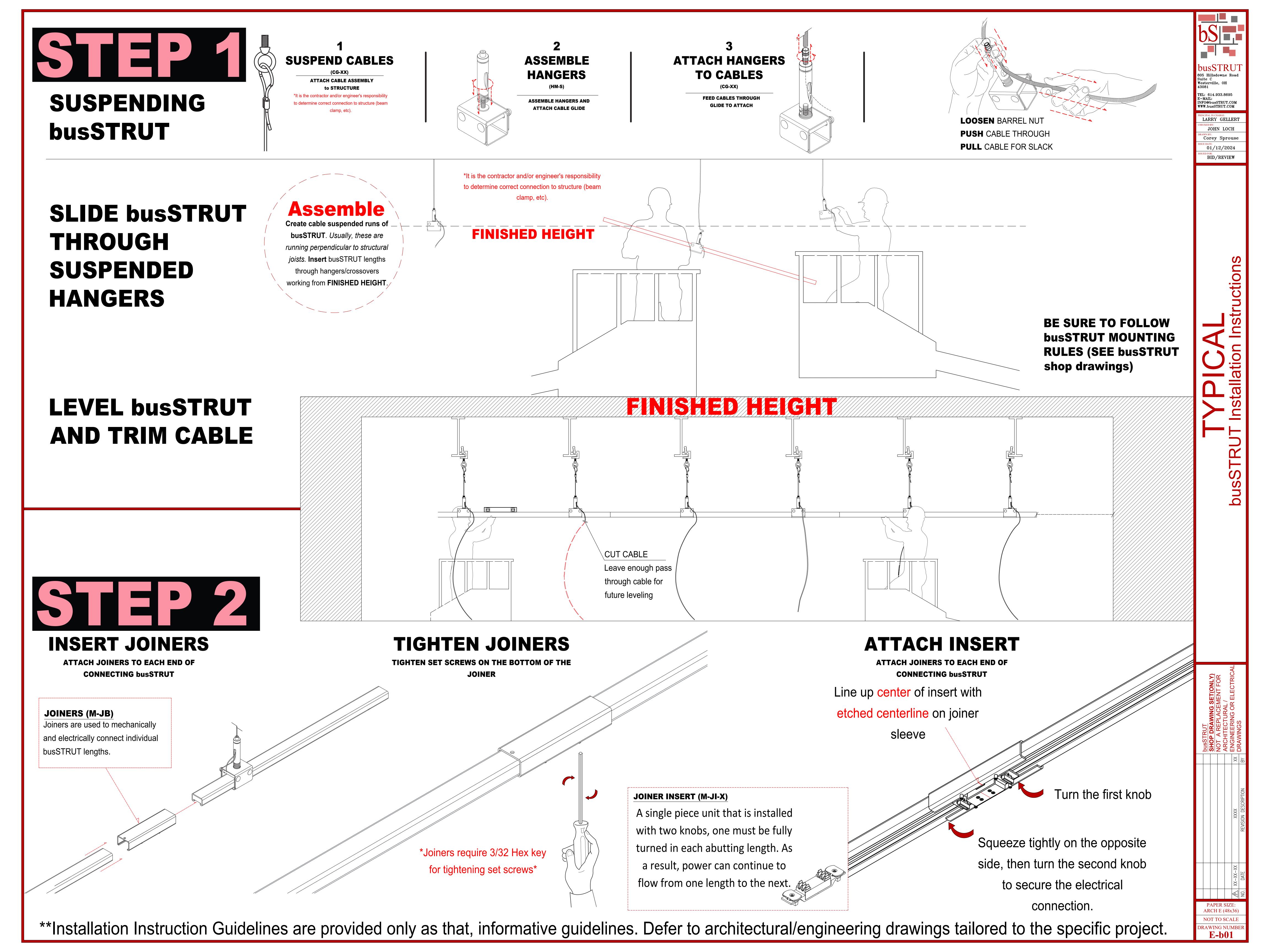
PRINCIPAL IN CHARGE:

LARRY GELLERT

Corey Sprouse

01/12/2024

BID/REVIEW



STEPS INSTALLING CROSSOVERS DROPPING ON

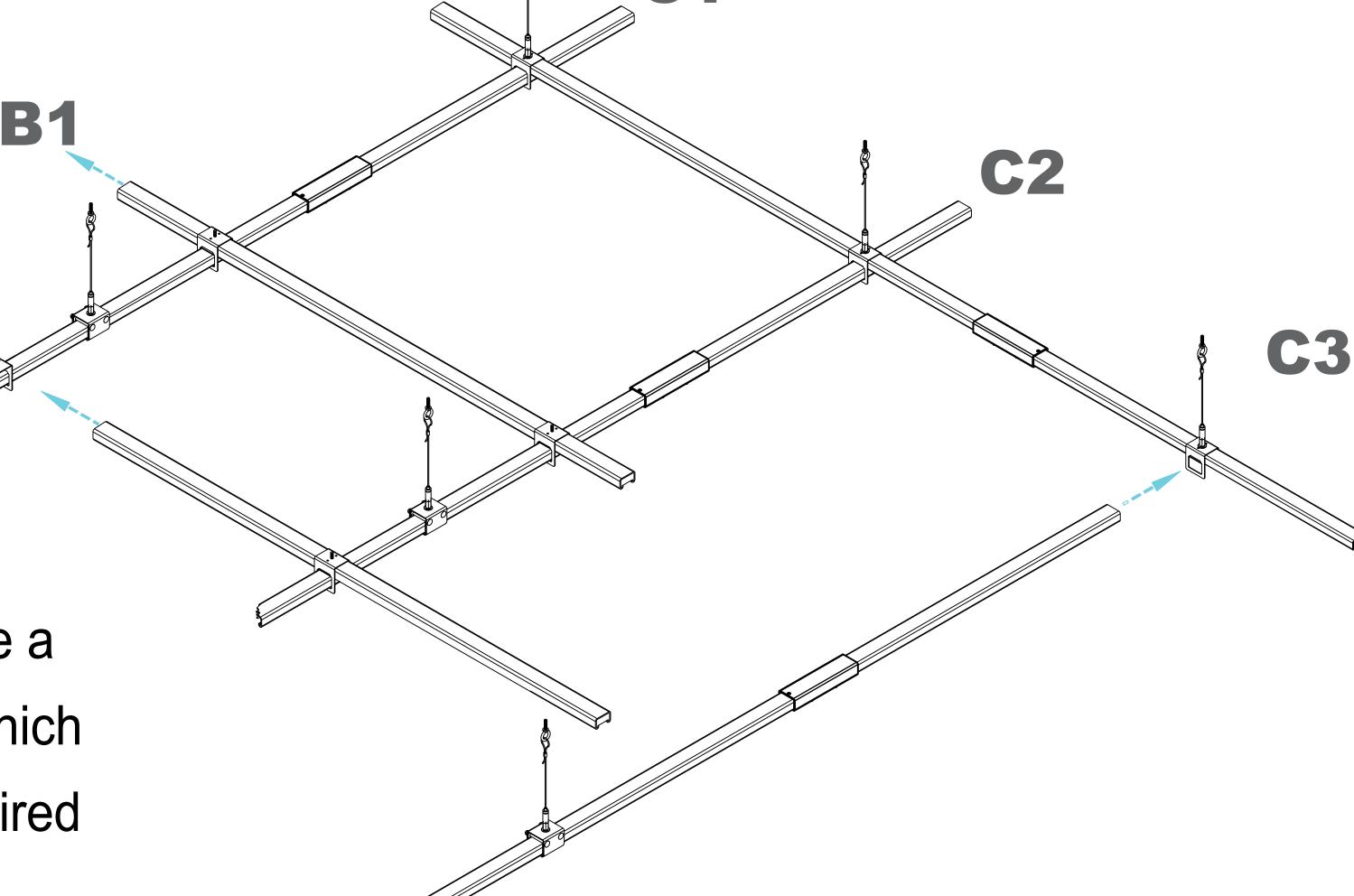
Crosssovers can be dropped onto suspended busSTRUT to create an intersection with a perpendicular run of busSTRUT.

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

SLIDING ON

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

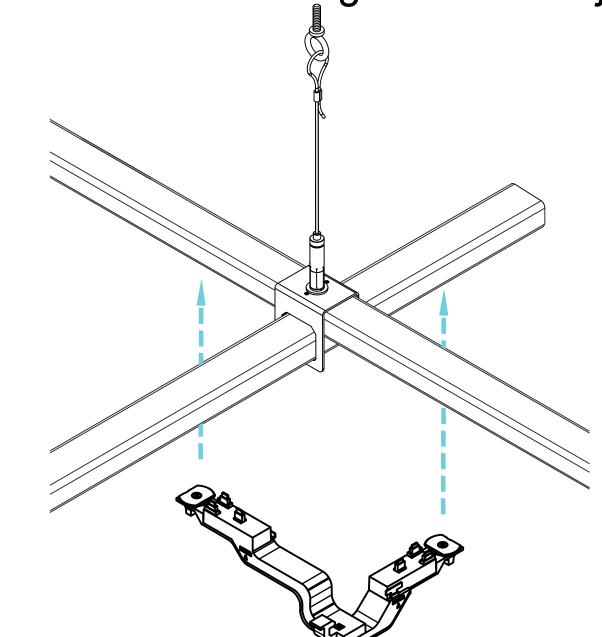
Crosssovers can be slid into position and lifted to create perpendicular bridges. B2 dicular runs of tighten the set



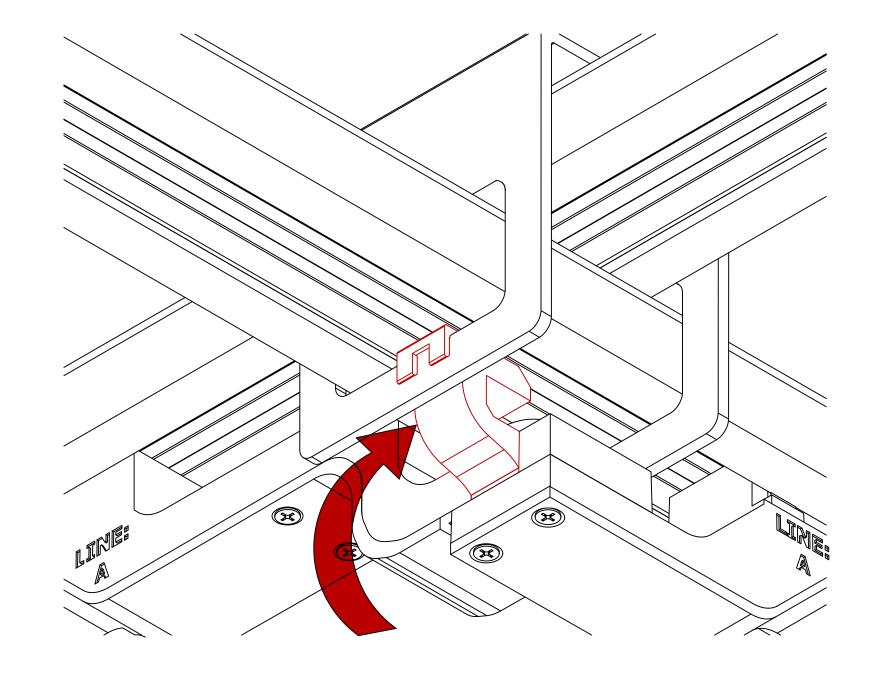
STEP 4A

SLIMLINE JUMPER

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

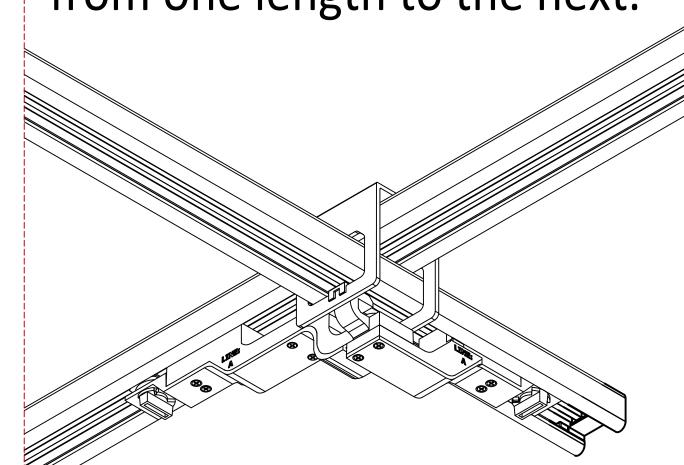


First, clip the jumper to the crossover.

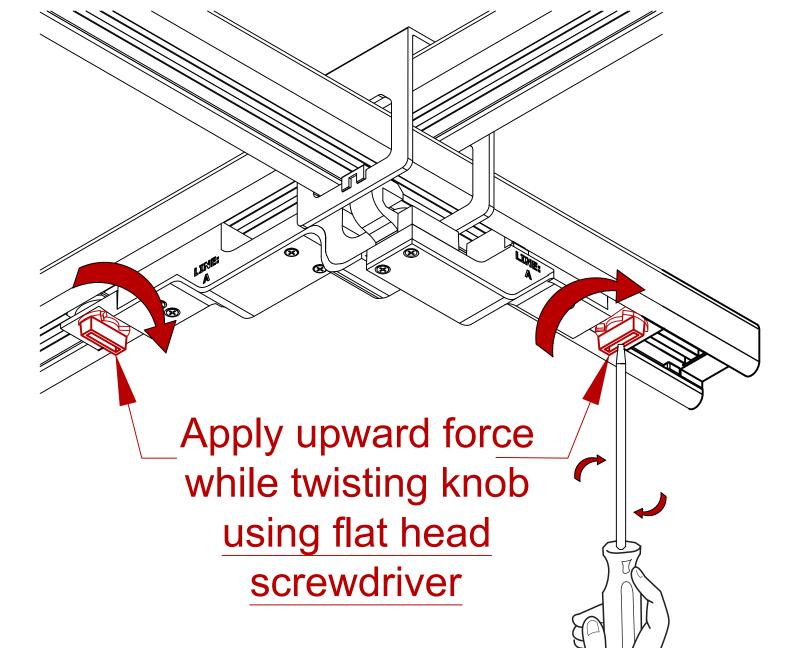


A single piece unit that is installed with two knobs, one must be fully turned in each abutting length. As a result, power can continue to flow from one length to the next.

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.

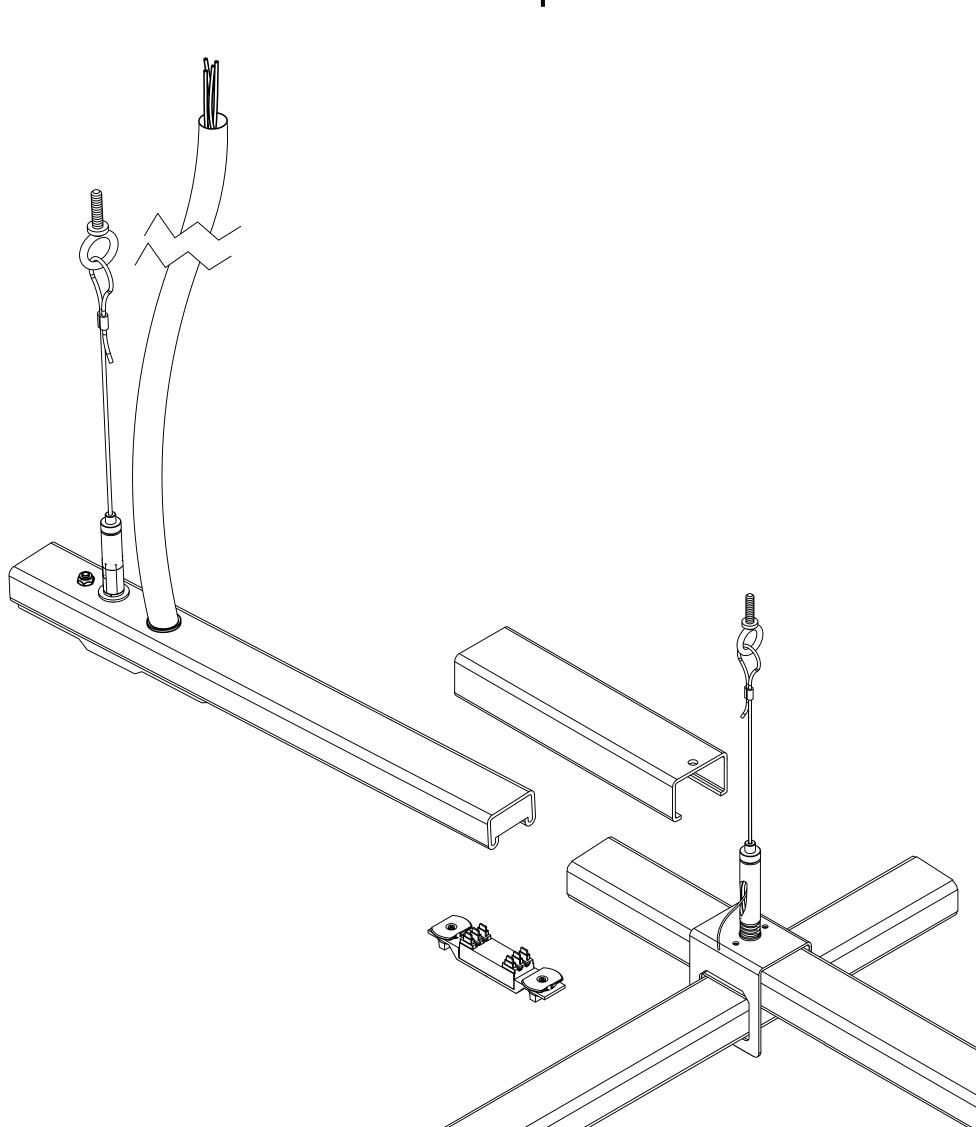


STEP 4B

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.

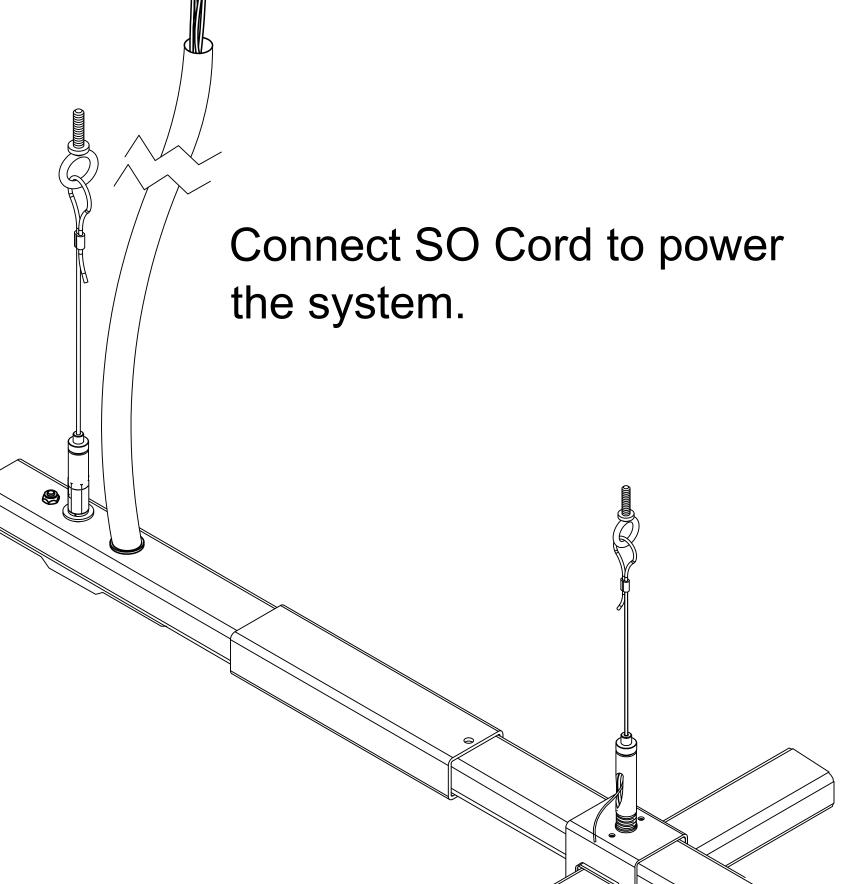
Attach the cable glide to the stud and tighten. Connect the aircraft cable as shown in Step 1.



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.



SHOP DRAWING SET(ONLY)

SHOP DRAWING SET(ONLY)

NOT A REPLACEMENT FOR

ARCHITECTURAL /

ENGINEERING OR ELECTRICAL

XX

DRAWINGS

LARRY GELLER

Corey Sprouse

BID/REVIEW

PAPER SIZE:

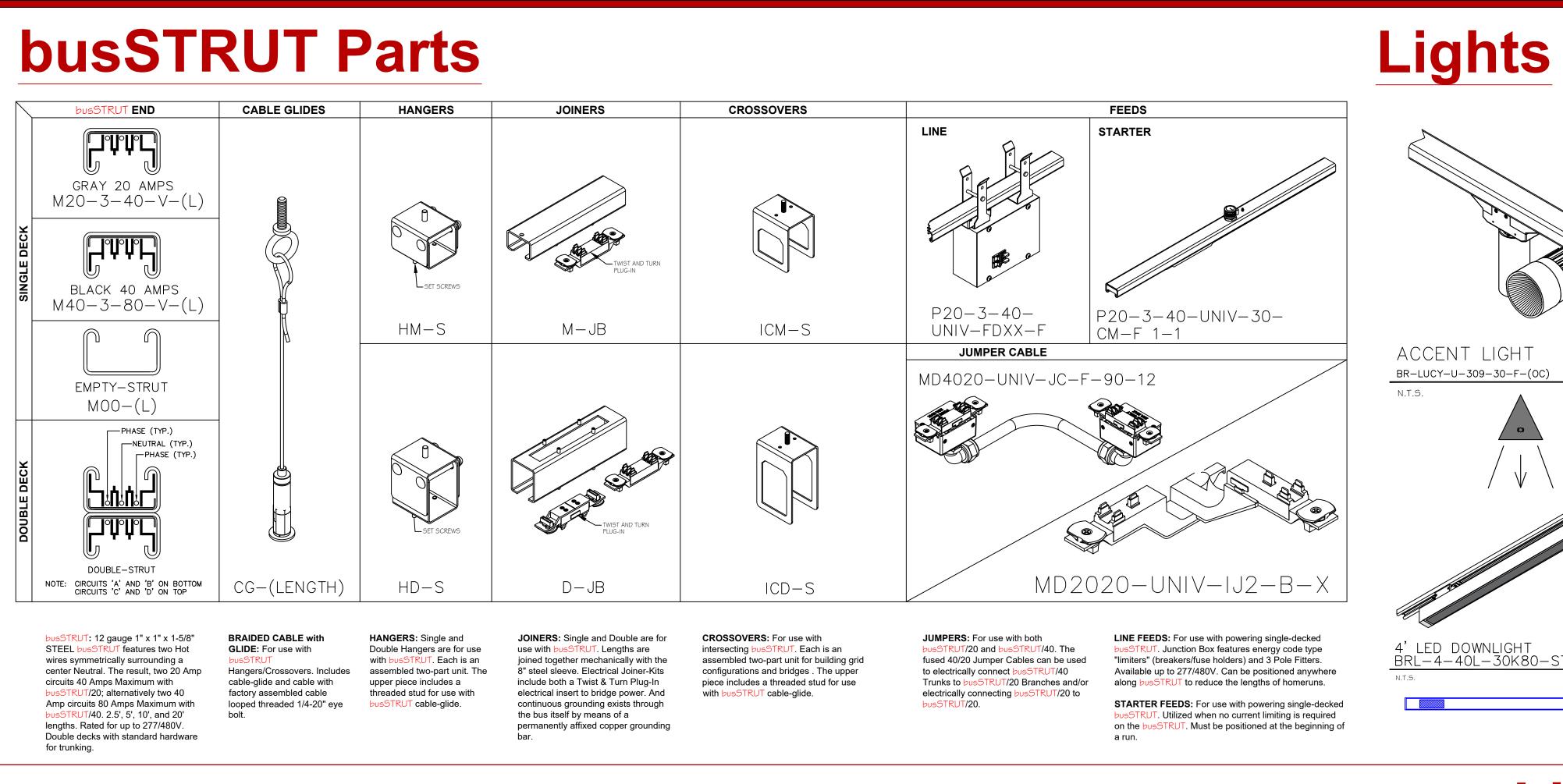
ARCH E (48x36)

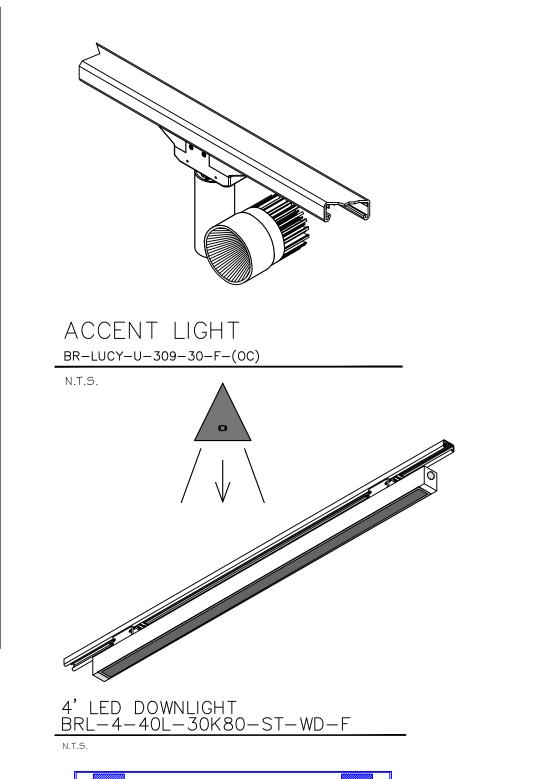
NOT TO SCALE

DRAWING NUMBE

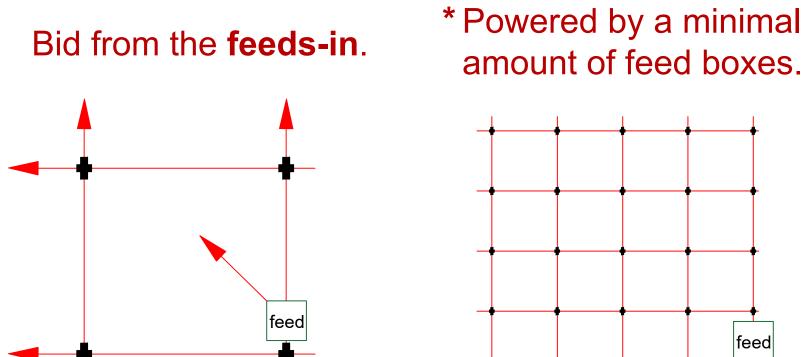
E-b02

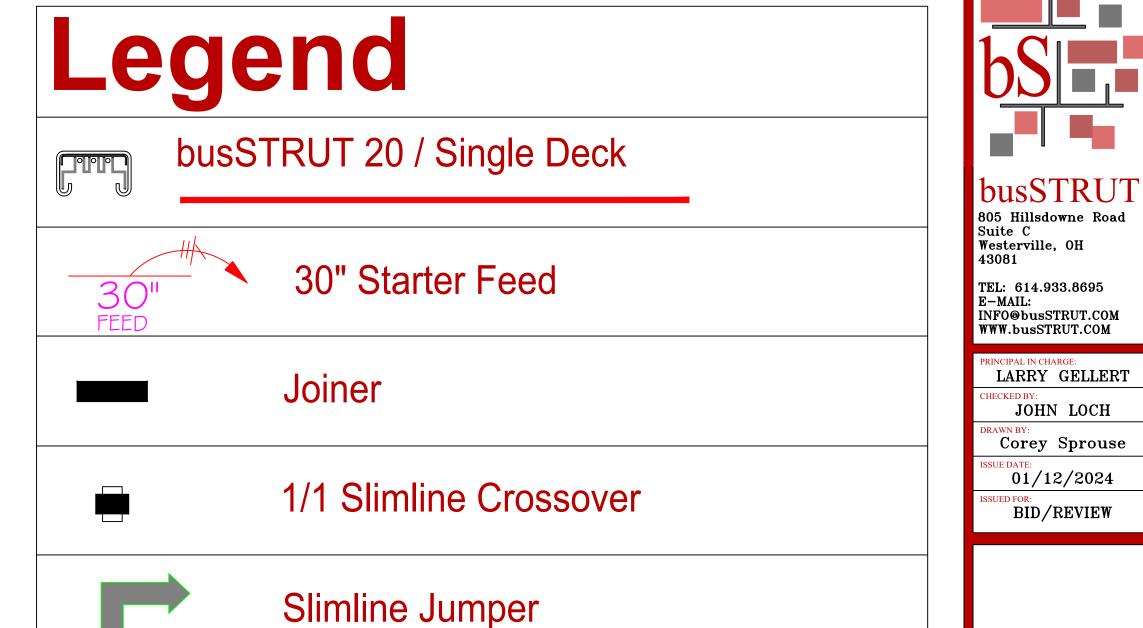
**Installation Instruction Guidelines are provided only as that, informative guidelines. Defer to architectural/engineering drawings tailored to the specific project.





busSTRUT system is designed to be BID separately.





SNMNS

PAPER SIZE: ARCH E (48x36)

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

RAWING NUMBER

E-b1

Bill of Materials

									busST	RUT Bi	ll of Ma	aterial	S								
Small Gri	d LT PD											sh T							n By ked By	John	Loch Loch
									Gal	vani	zed,	Wh	ite,	or B	lack			Date		10/23	/2024
					busS1	RUT L	ENGTHS	5			usSTRUT					busSTR	UT PO	WER			
						isSTRU			Joii	ners		Hangers	1	Xover	Jcord		L	ine		GEN	ACT
				3					SINGLE	JOINER INSERT	NON-ELECTRIC JOINER INSERT	SINGLE			-12-GO2 JUMP CORD		<u>.</u>	STARTER FEED CENTER MOUNT	20-CB20-DC-XX-LE-F DROP	-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	M20-3-40-277-7-F-2B	M20-3-40-277-10-F-2B	MJB-F-X	X- <mark>-</mark> -I∼W	M-I-F-NE	HM-S-F-ST-LFX	CG-E-15-B-GL	ICM-S-F-ST-X	MD4020-UNIV-JCF-90-	MD2020-UNIV-1J2-F-X	P20-3-40-UNIV-JK-NB	-3-40-UNIV-JK-NB-F		BRL-4-40L-30K80-ST-	BR-LUCY-U-309-30-F-
R/C	Amps	LF	BF	2.5	3	5	7	10	М	INS	NE-INS	M	C-GI	1/1	12"	INVS	JK	30ST	PD	GEN	ACT
Rows																					
RI	20	7.5	7.5			1			1	1			2	2				1			
R2	20	7.5	7.5	4		-															
		,	/						1	1			2	2		1					
SUB T		15	15	1		2			2	1 2			2 4	2 4		1 1		1			
SUB T				1 2.5	3	2	7	10	1 2 M	1 2 INS	NE-INS	M	2 4 C-GI	2 4 1/1	12"	1 INVS	JK	1 30ST	PD	GEN	ACT
SUB TO	OTAL	15	15	1	3			10				M			12"	1 INVS	JK	1 30ST	PD	GEN	ACT
SUB TO R/C Columns	Amps	15 LF	15 BF	2.5	3			10				M			12"	1 INVS	JK	1 30ST	PD	GEN 1	ACT
SUB TO R/C Columns	Amps 20	15 LF 7.5	15 BF 7.5	2.5 1	3			10				M			12"	1 INVS	JK	30ST	PD	GEN 1 1	ACT
SUB TO R/C Columns C I C 2	20 20	7.5 7.5	7.5 7.5	1 2.5 1 1	3			10	M 1 1	1 1 1	NE-INS	M			12"	1 INVS	JK	1 30ST	PD	1 1	ACT
SUB TO R/C Columns C I C 2 SUB TO	20 20 20 OTAL	7.5 7.5 7.5	7.5 7.5 7.5	1 2.5 1 1 2	3	1 1				1 1 2	NE-INS		C-GI	1/1		1 1 2				1 1 2	
SUB TO R/C Columns C I C 2 SUB TO	20 20	7.5 7.5	7.5 7.5	1 2.5 1 1		1 1 2		10	1 1 2	1 1 1	NE-INS	M			12"	1	JK	30ST	PD	1 1	ACT
SUB TO R/C Columns C I C 2 SUB TO R/C Bridges	20 20 20 TOTAL Amps	7.5 7.5 7.5	7.5 7.5 15 BF	1 2.5 1 1 2		1 1 2			1 1 2	1 1 2	NE-INS		C-GI	1/1		1 1 2				1 1 2	
SUB TO R/C Columns C C2 SUB TO R/C Bridges	20 20 OTAL Amps	7.5 7.5 7.5 15	7.5 7.5 7.5	1 2.5 1 1 2		1 1 2			1 1 2	1 1 2	NE-INS		C-GI	1/1		1 1 2				1 1 2	
SUB TO R/C Columns C C2 SUB TO R/C Bridges	20 20 0 TAL Amps 20 20 20	15 LF 7.5 7.5 15 LF	7.5 7.5 15 BF	1 2.5 1 1 2 2.5		1 1 2			1 1 2	1 1 2	NE-INS		C-GI	1/1		1 1 2				1 1 2	

Labor Hours

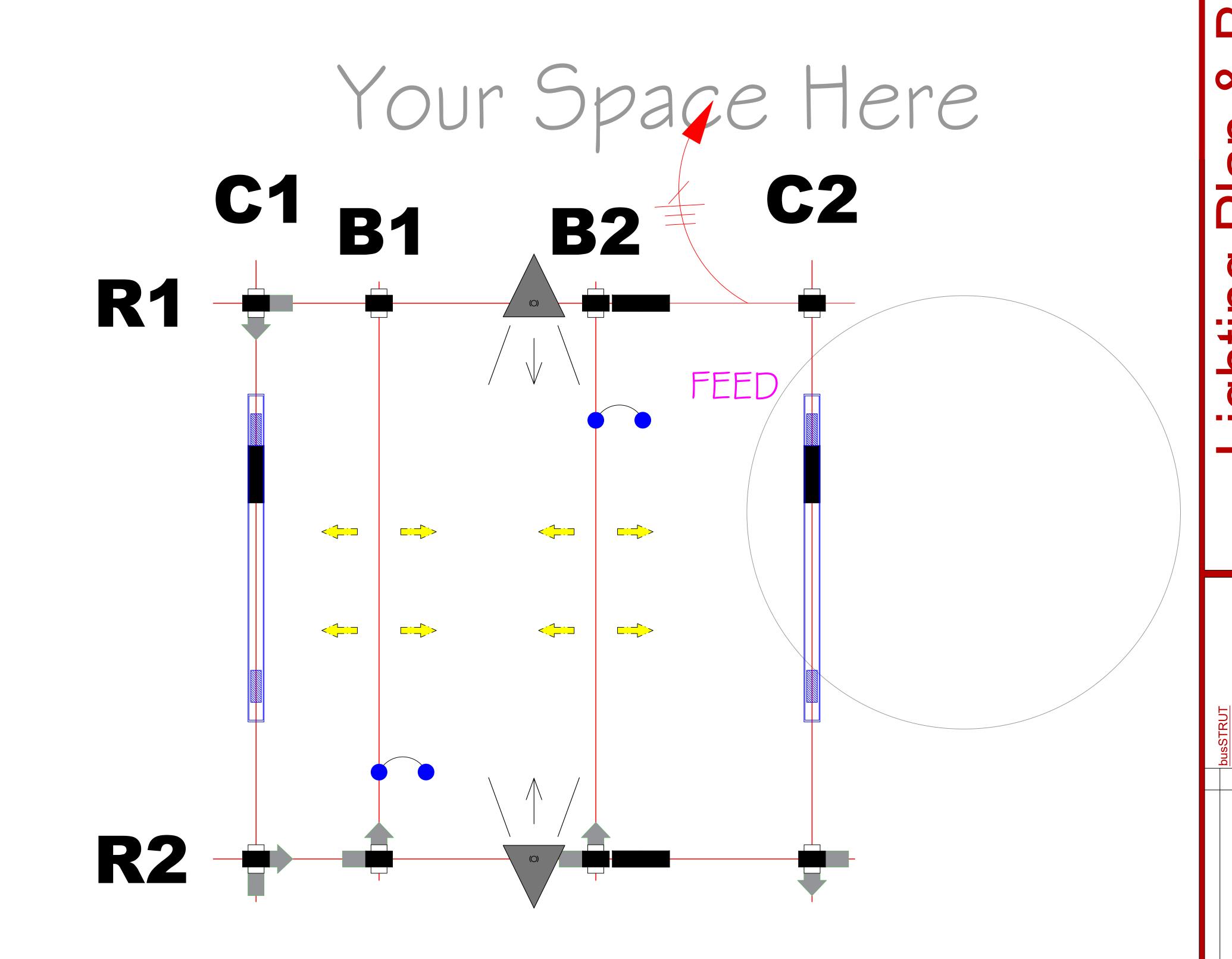
busSTRUT provides time-tested standard labor hours per part, which are then multiplied by the project's Bill of Materials.

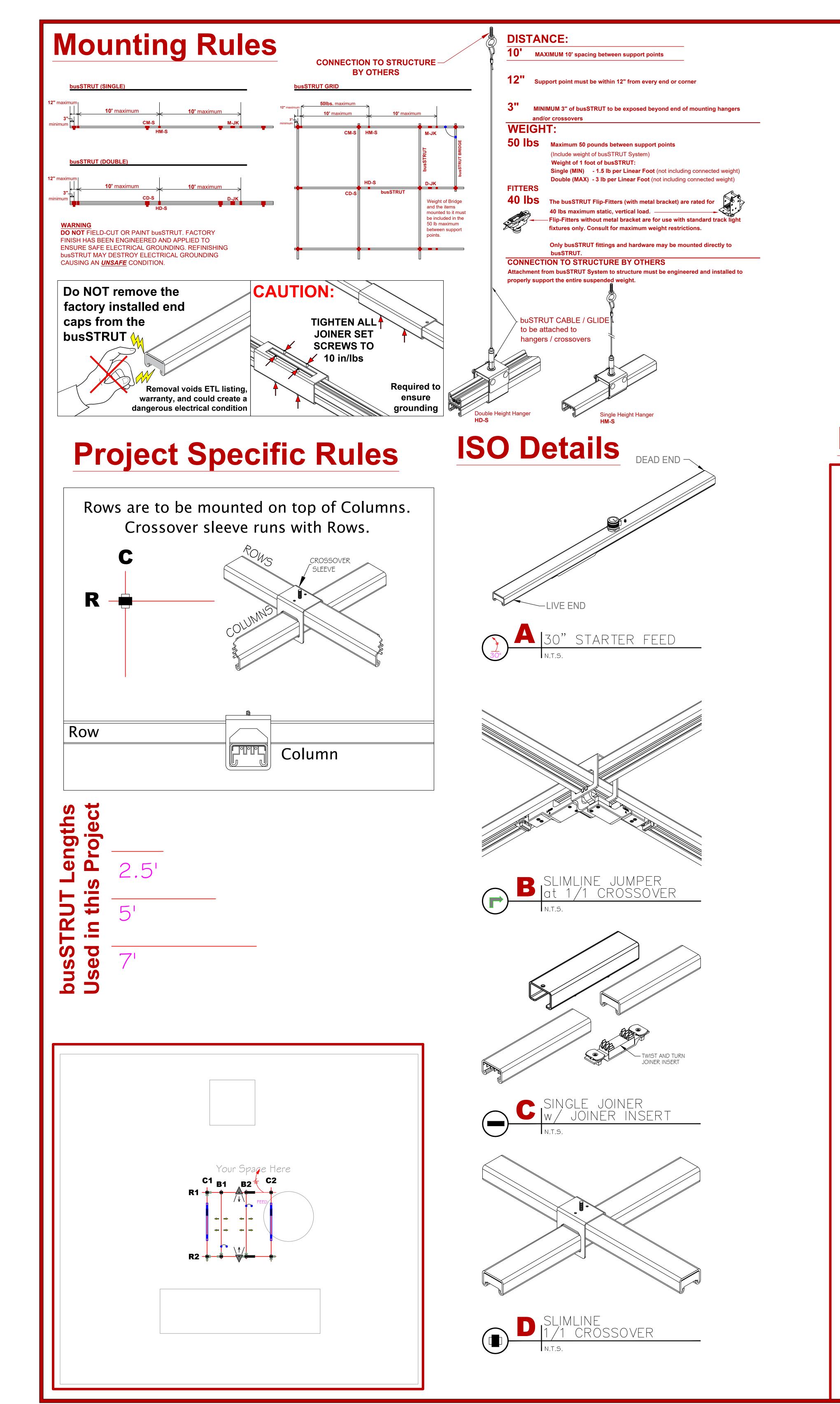
	busstrut LABOR										
	ITEMS	Qty.	U/M		STANDA LABOR mín		TOTAL HRS				
	LENGTHS	44	LF -	Х	2.75	0.05	=	2			
M	JOINERS	4	EA	х	12	0.20	=	1			
SYSTEM	HANGERS	4	EA	Х	25	0.42	=	2			
RKT	CROSSOVERS	8	EA-	х	10	0.17	=	1			
busstrut	ATTACHMENTS	2	EA.	х	8	0.13	=	0			
19	JUMPERS	5	EA-	х	6	0.10	=	1			
	FEEDS	1	EA-	Х	15	0.25	=	0			
		busSTRUT SUB-TOTA		SUB-TOTAL	=	7					
FIXTURES	ACCENT	2	EA -	х	8	0.13	=	0			
Ϋ́	LINEARS	2	EA-	Х	20	0.33	=	1			
		=	1								
						TOTAL TIME	=	8			

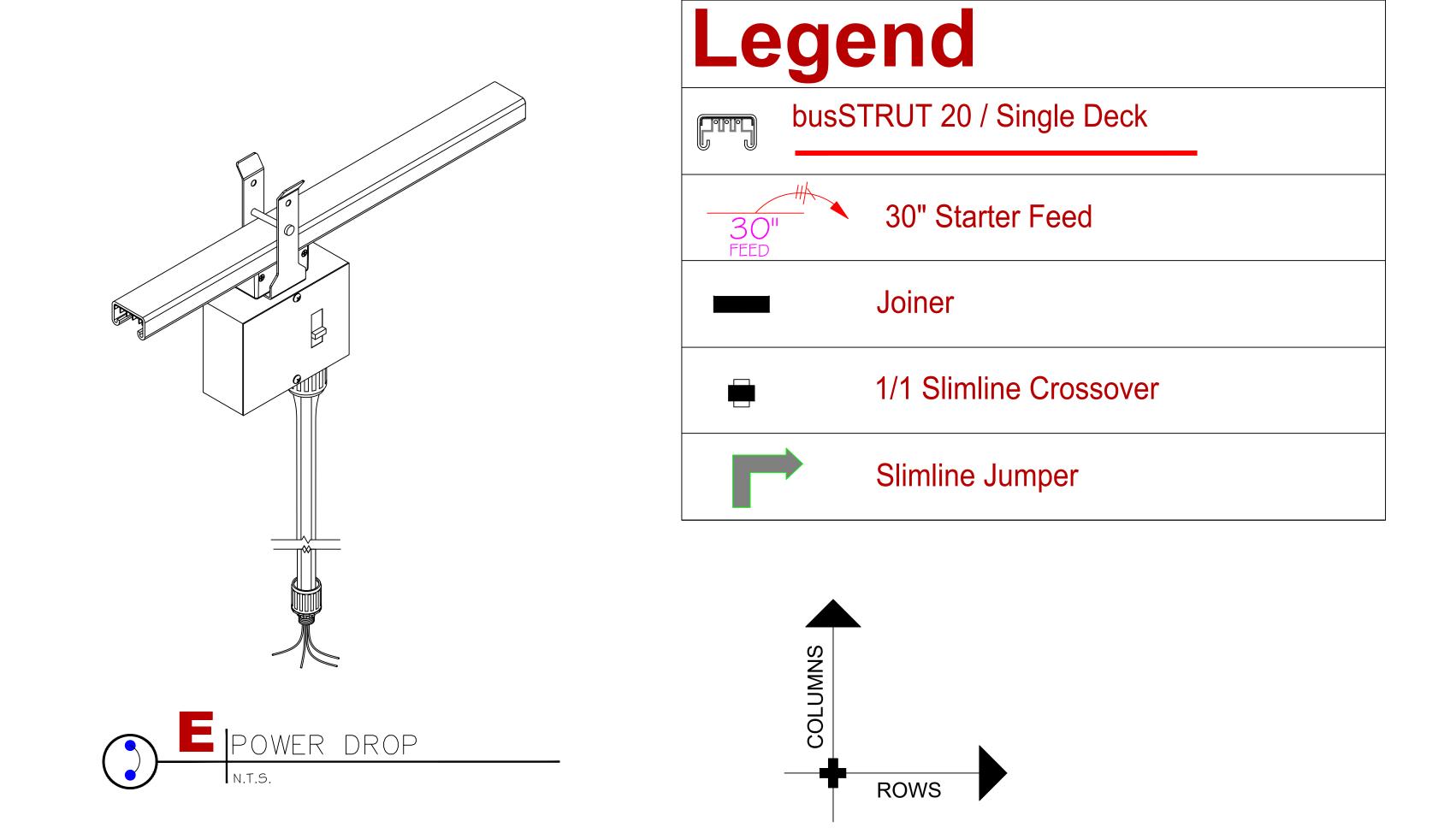
Lighting Plan

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

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

JOHN LOCH

Corey Sprouse

01/12/2024

BID/REVIEW

Drops

ARCH E (48x36)

SCALE 1" = 1'-0"

DRAWING NUMBE

Dimensions

