busSTRUT Shop Drawing Set

Express Rectangle (Small) - Power Drops

busSTRUT SHOP DRAWING SET (ONLY)

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

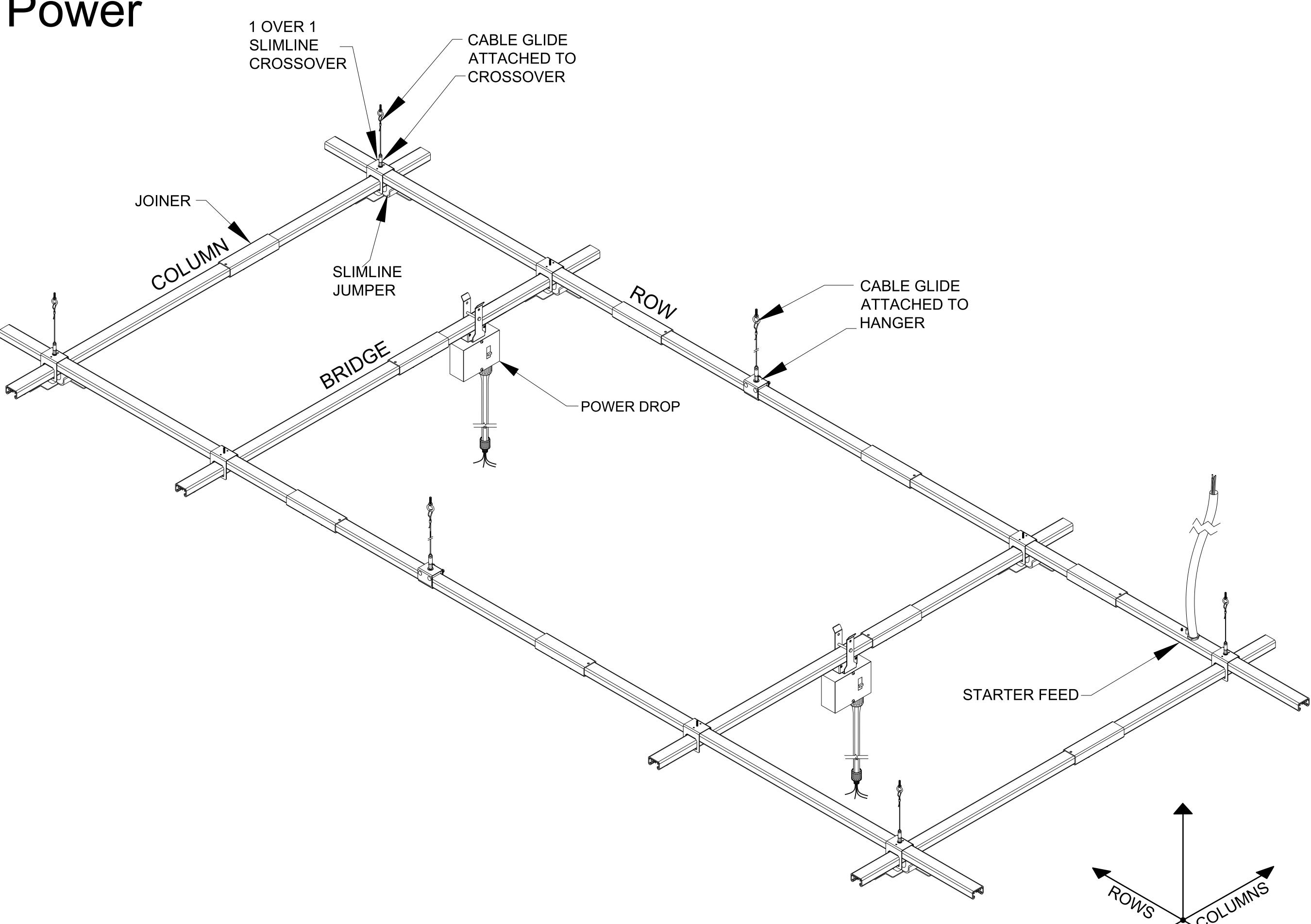
CONTRACTOR RESPONSIBILITIES

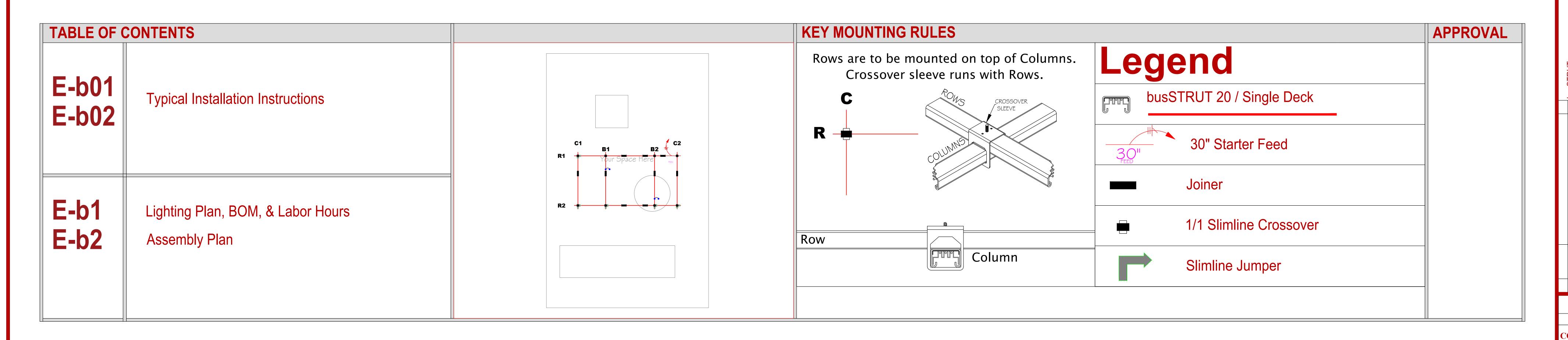
CONTRACTOR IS RESPONSIBLE FOR:

- 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.





ASTRUT
SHOP DRAWING SET(ONLY)
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ARCHITECTURAL /
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BY
DRAWINGS

busSTRUT
805 Hillsdowne Road
Suite C
Westerville, OH
43081

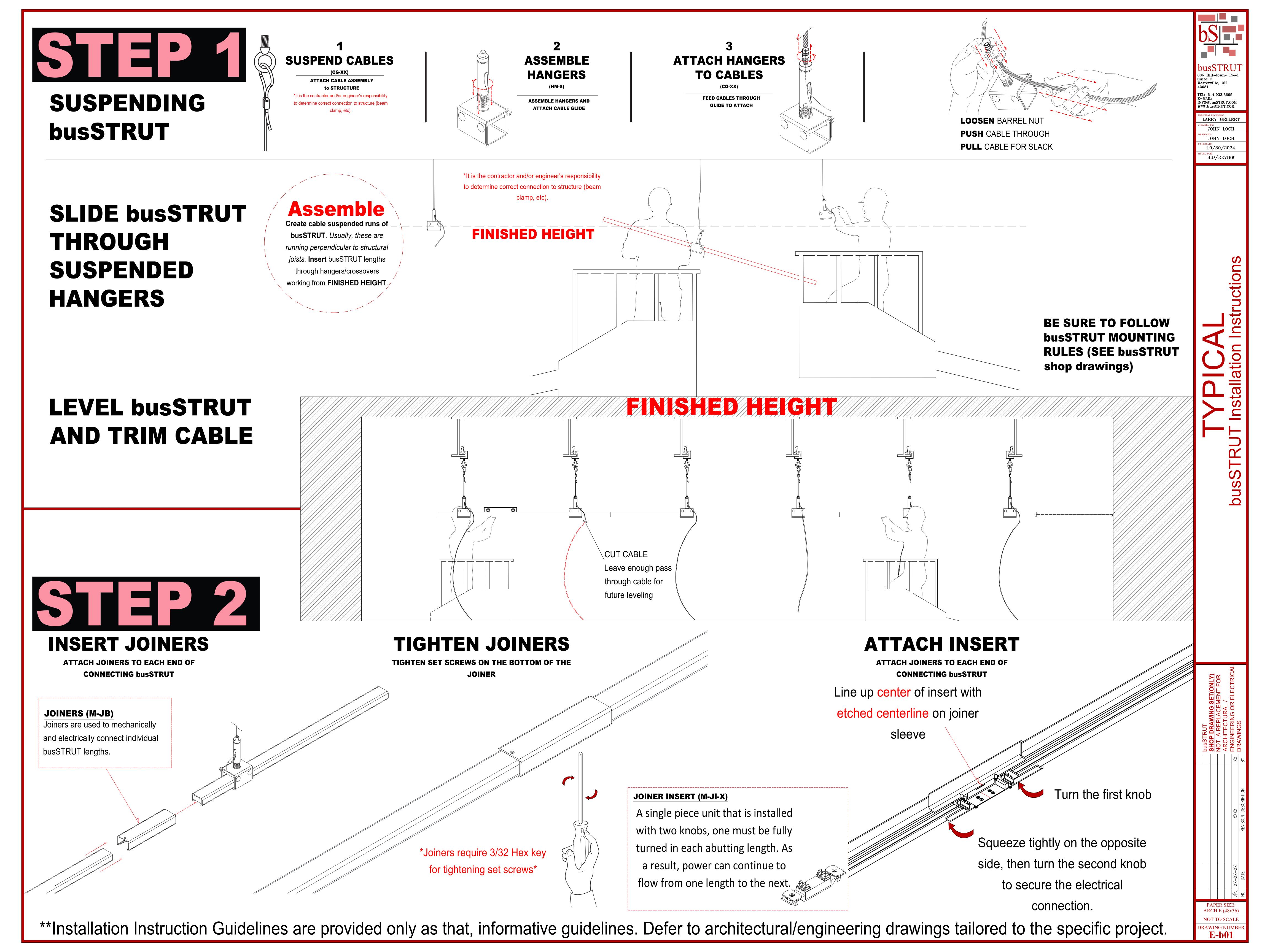
PRINCIPAL IN CHARGE:

LARRY GELLERT

JOHN LOCH

10/30/2024

BID/REVIEW



STEPS INSTALLING CROSSOVERS DROPPING ON

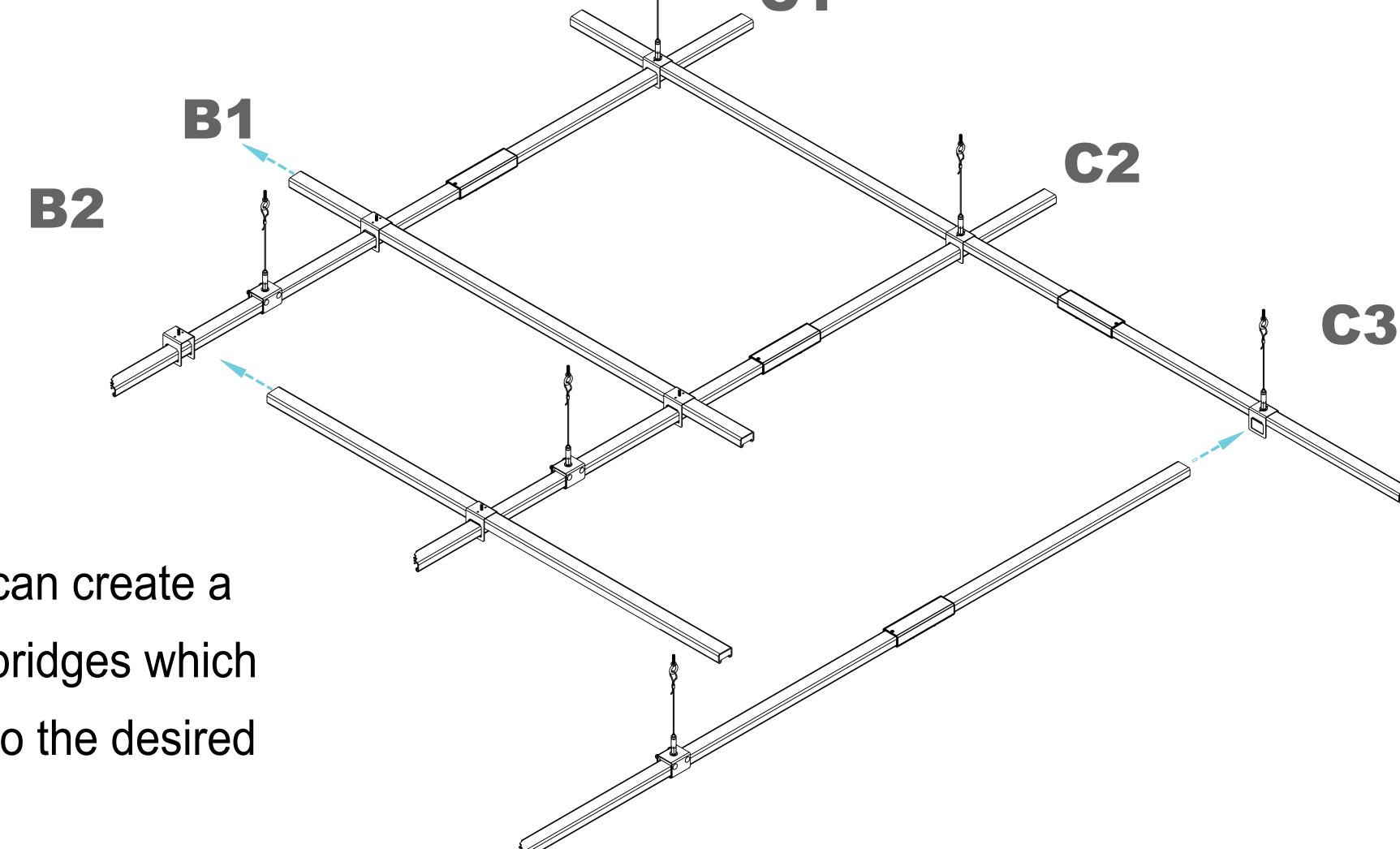
Crosssovers can be dropped onto suspended busSTRUT to create an intersection with a perpendicular run of busSTRUT.

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

SLIDING ON

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

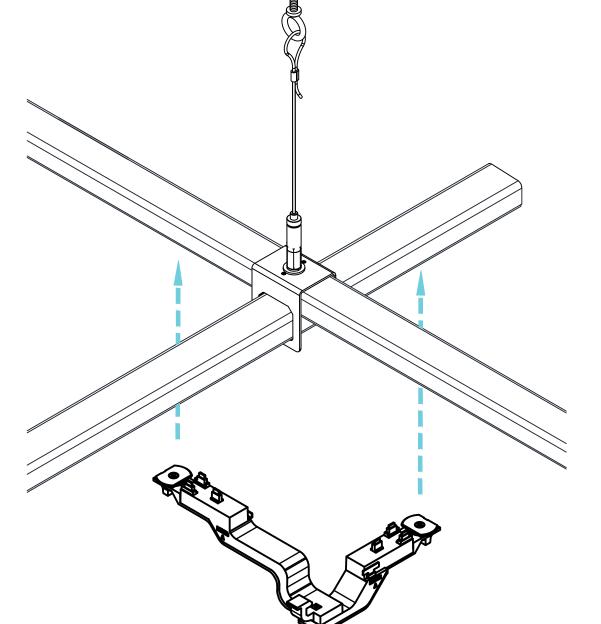
Perpendicular runs can create a full grid or be short bridges which are easily moved into the desired position.



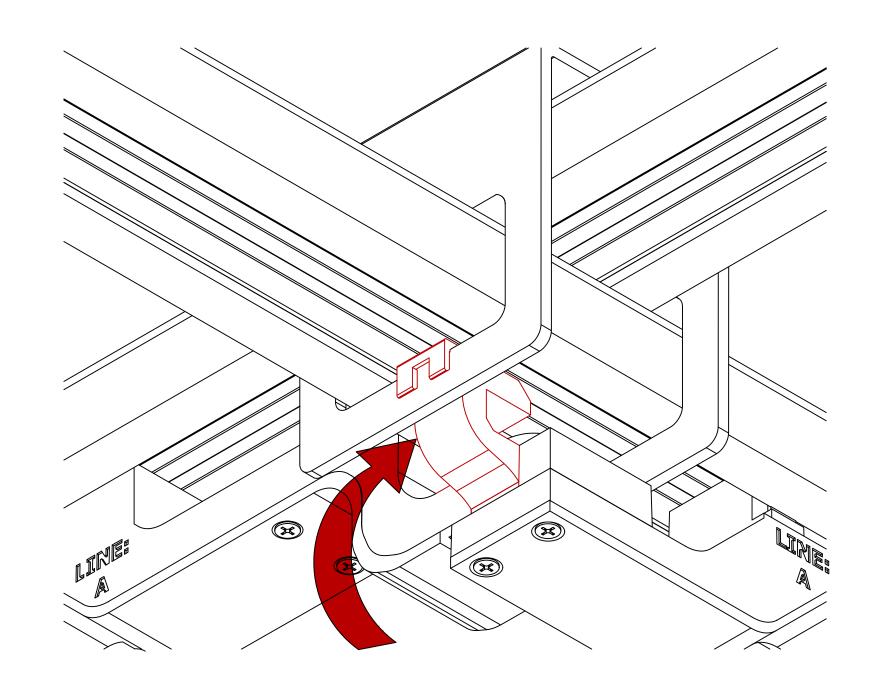
STEP 4A

SLIMLINE JUMPER

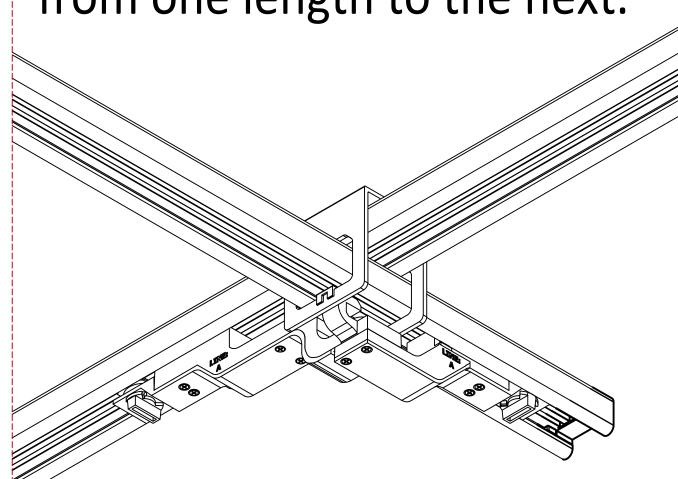
Make sure that the slimline crossover is tightened before attaching the slimline jumper.



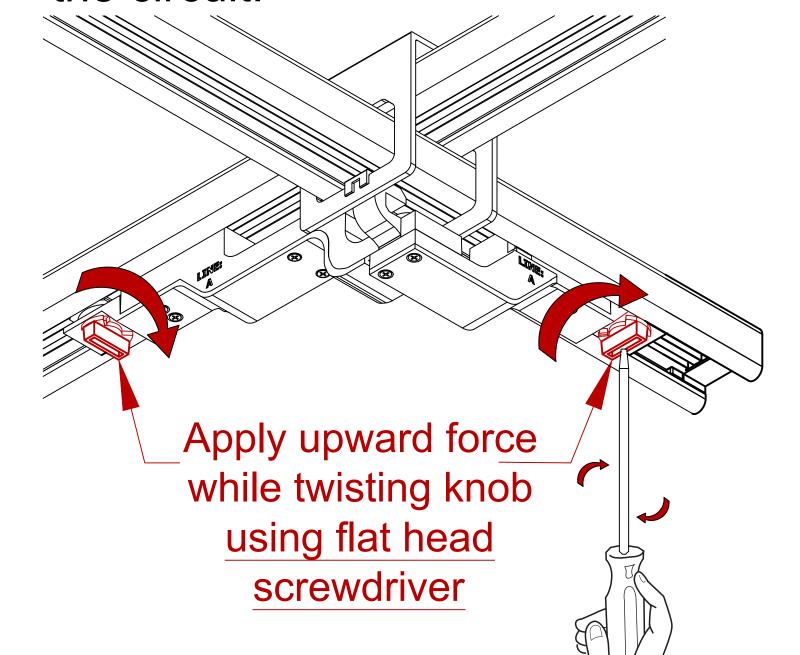
First, clip the jumper to the crossover.



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.



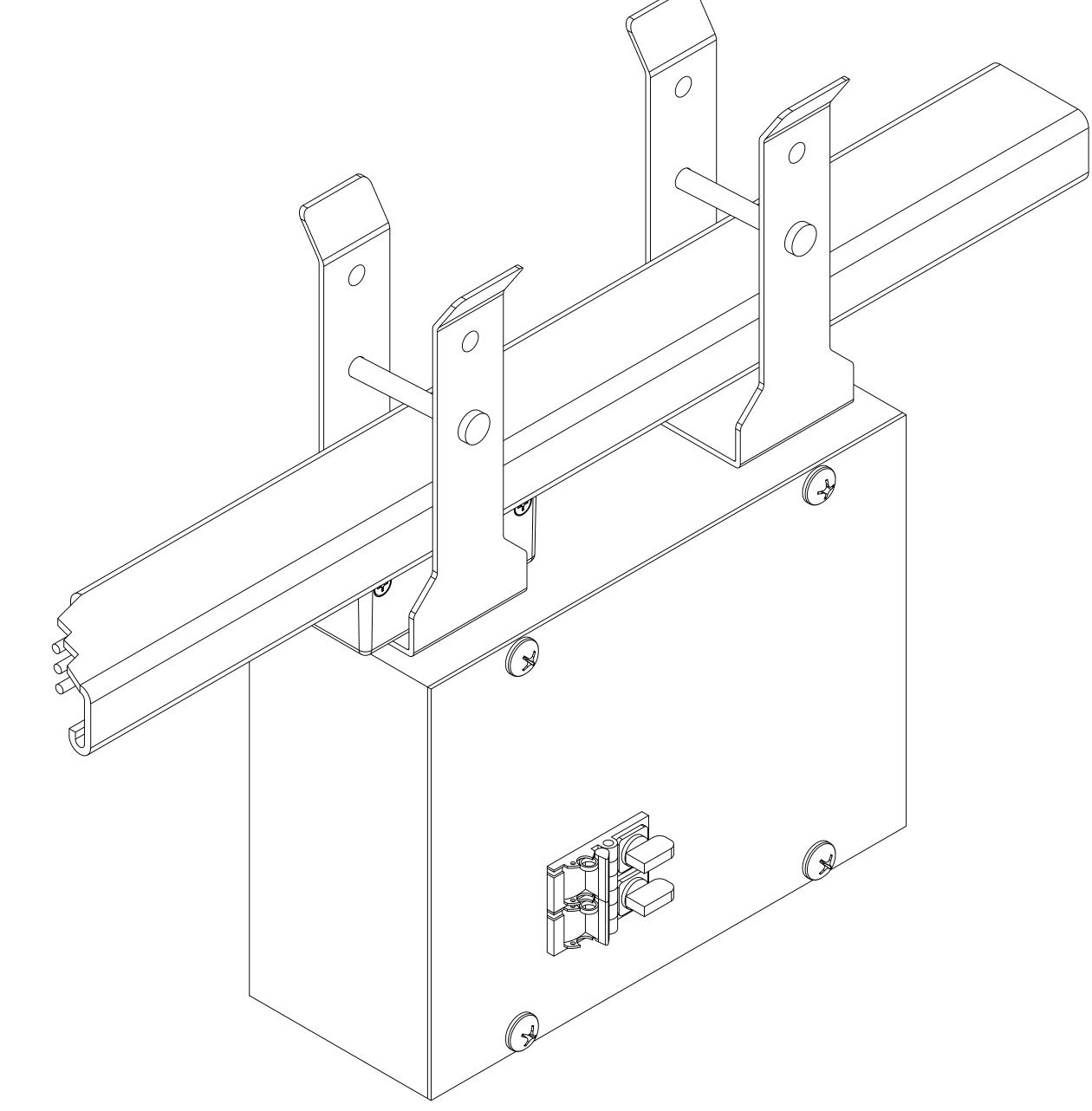
Seat the jumper into the busSTRUT by squeezing tightly on one side and turning the knob. Then, turn the other knob to complete the circuit.



STEP 4B

LINE FEEDS

Install line feeds on busSTRUT to power the configuration.



20A LINE FEED

Shown on single decked busSTRUT

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

busstrut

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CHECKED BY:
 JOHN LOCH

DRAWN BY:
 JOHN LOCH

ISSUE DATE:
 10/30/2024

ISSUED FOR:
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SHOP DRAWING SET(ONLY)

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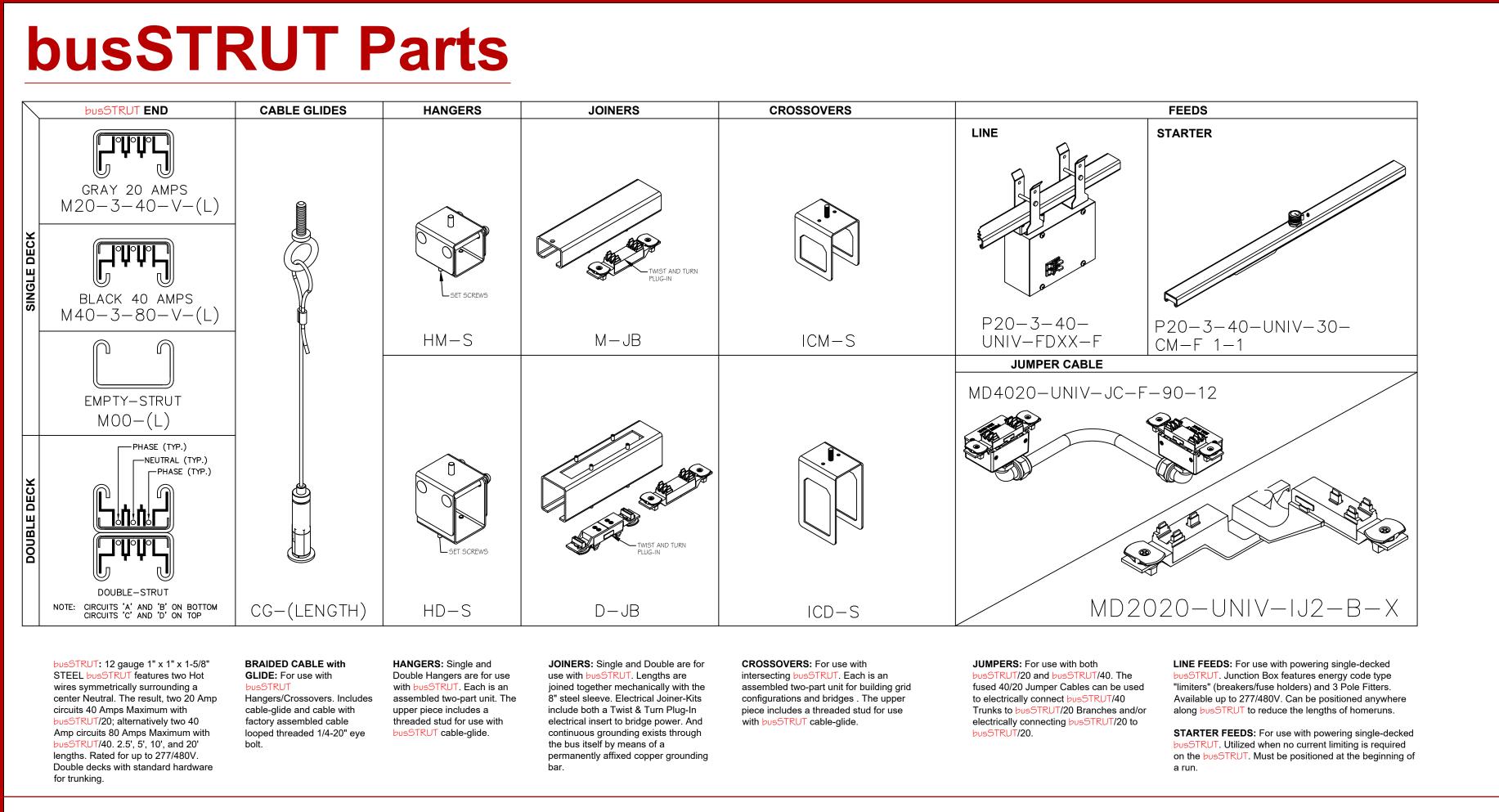
DAPER SIZE:

PAPER SIZE:
ARCH E (48x36)

NOT TO SCALE

DRAWING NUMBE

E-b02

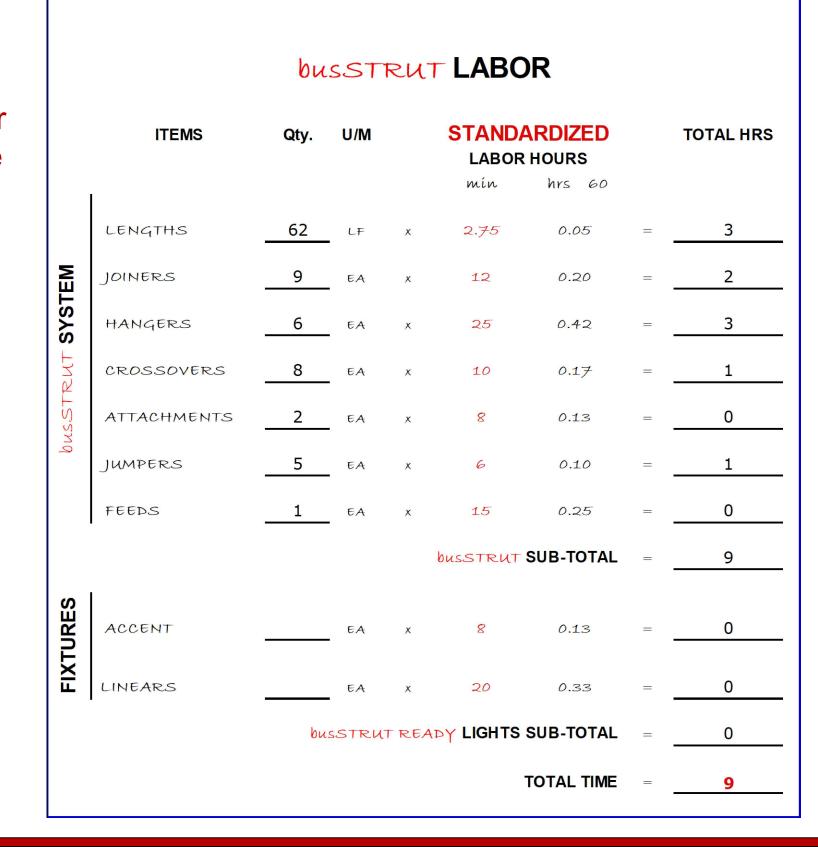


Bill of Materials

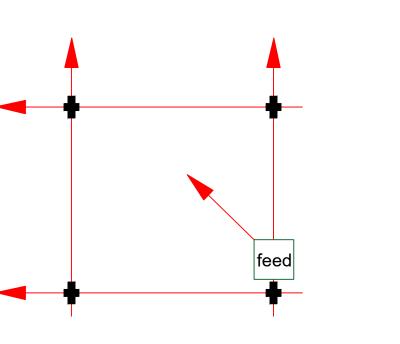
									busST	RUT Bill	of Ma	terial	S								
RECTANG	GLE Sma	II PD									Finis	sh 1	ГBD						n By ked By	John	Loch
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				bus	STRU	Γ LENG	THS				RUT Har					busSTRI	UT PO	WER			
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									INSERT	ECTRIC		BRACKET			JUMP CORD			STARTER FEED CENTER MOUNT	POWER		
		<u> </u>	7	2B				SINGLE	JOINER	NON-ELEC JOINER IN	SINGLE	DÉCOR			-12-G02	×	B-F	:M-F 1-1	C-XX-LE-F	-WD-F	(oc)
				M20-3-40-277-2.5-F-2	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	M-JI-F-NE	HM-S-F-ST-LFX	MKU-ST-A-F	CG-E-15-B-GL	ICM-S-F-ST-X	MD4020-UNIV-JCF-90	MD2020-UNIV-1J2-F-)	P20-3-40-UNIV-JK-NB-F	P20-3-40-UNIV-30-CN	MD40-2-120-CB20-DC	BRL-4-40L-30K80-ST	BR-LUCY-U-309-30-F
R/C	Amps	LF	BF	2.5	3	5	7	M	INS	NE-INS	M	DB	C-GI	1/1	12"	INVS	JK	3 0ST	PD	GEN	ACT
Rows																					
RI	20	15	15	1	1		1	3		3	1		3	2				1			
R2	20	15	15		1	1	1	2	2	2	1		3	2		1					
SUB TO	OTAL	30	30	1	2	1	2	5	5	5	2		6	4		1		1			
R/C	Amps	LF	BF	2.5	3	5	7	M	INS	NE-INS	M	DB	C-GI	1/1	12"	INVS	JK	30 ST	PD	GEN	ACT
Columns																					
СІ	20	8	8		1	1		1		1						1					
C2	20	8	8		1	1		1		1						1					
SUB TO	OTAL	16	16		2	2		2	2	2						2					
R/C	Amps	LF	BF	2.5	3	5	7	M	INS	NE-INS	M	DB	C-GI	1/1	12"	INVS	JK	30 ST	PD	GEN	ACT
Bridges																					
ВІ	20	8	8		1	1		1		1				2		1			1		
В2	20	8	8		1	1		1		1				2		1			1		
SUB TO	OTAL	16	16		2	2		2	2					4		2			2		
STORE 1	TOTAL	62.0	62.0	1	6	5	2	9	g		2		6	8		5		1	2		

Labor Hours

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

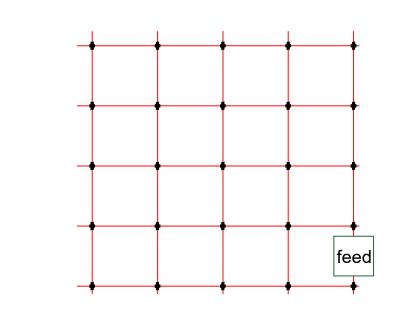


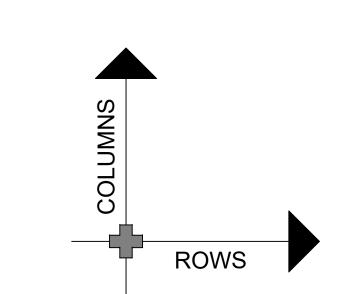
busSTRUT system is designed to be BID separately.



Bid from the **feeds-in**.

* Powered by a minimal amount of feed boxes.





Legend

busSTRUT 20 / Single Deck

30" Starter Feed

Joiner

1/1 Slimline Crossover

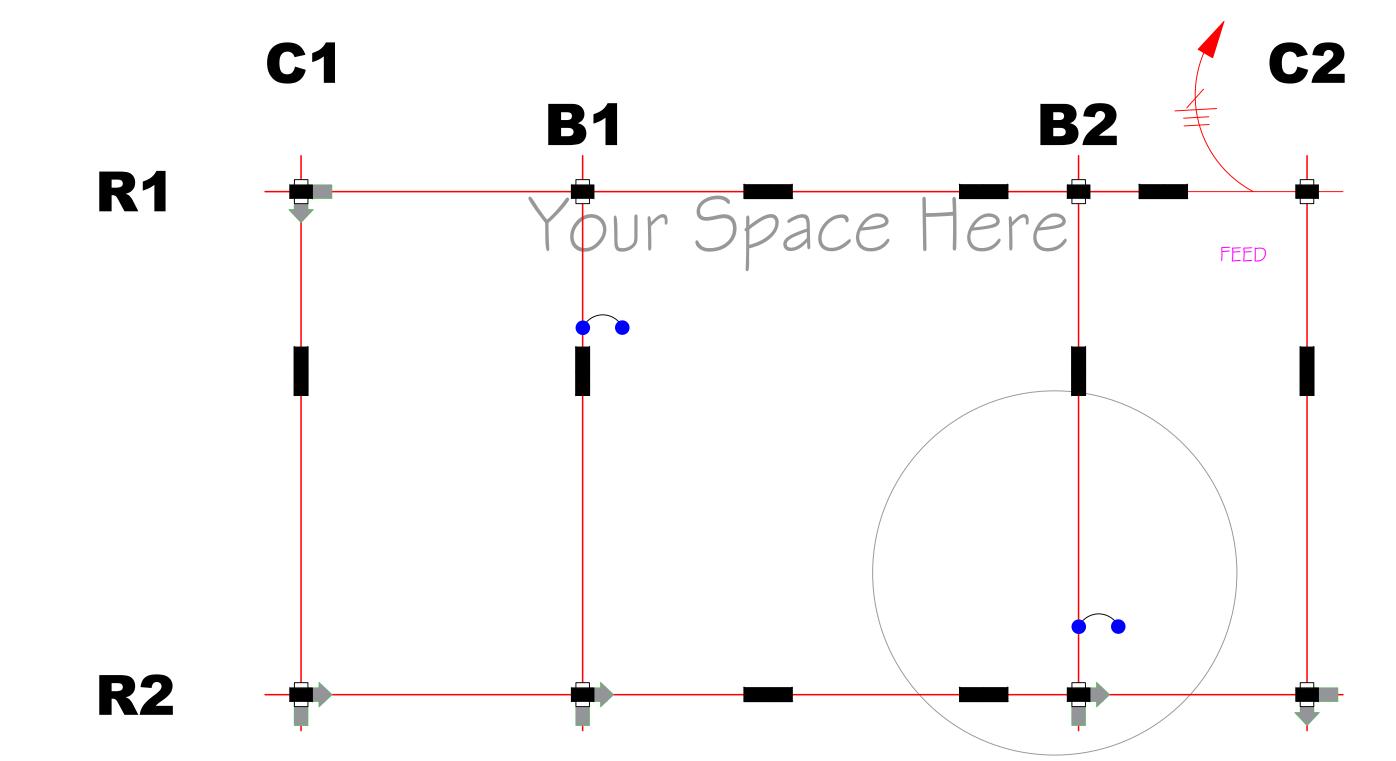
Slimline Jumper

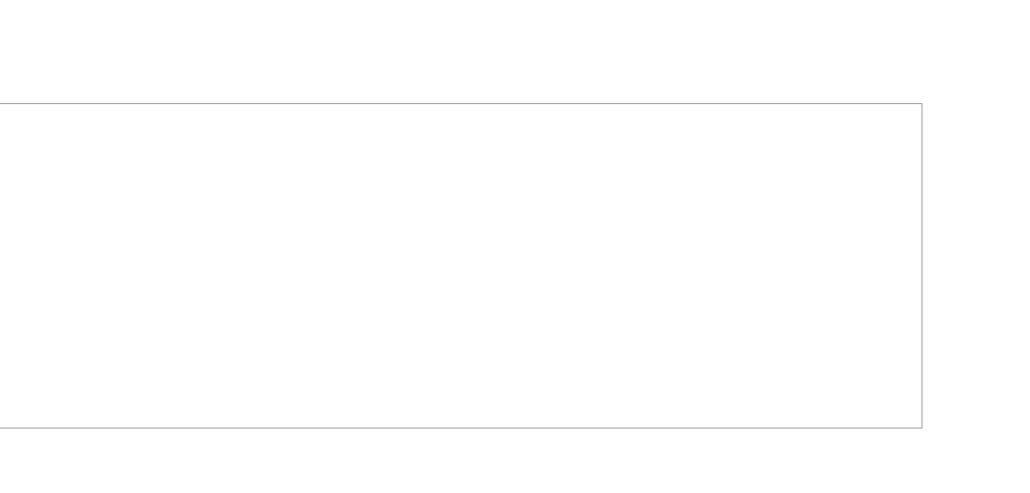
Lighting Plan

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**)







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PRINCIPAL IN CHARGE:

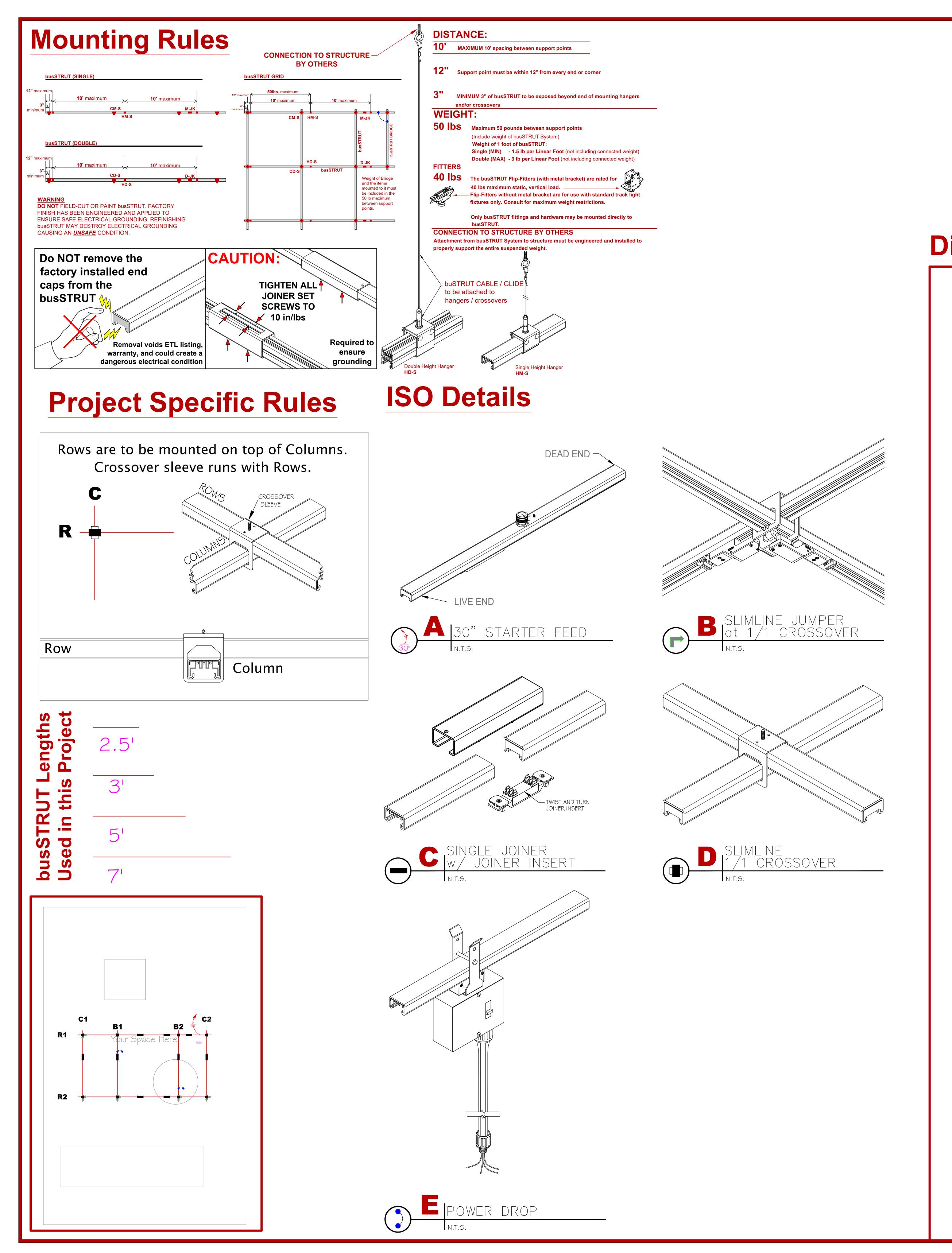
LARRY GELLERT JOHN LOCH JOHN LOCH 10/30/2024

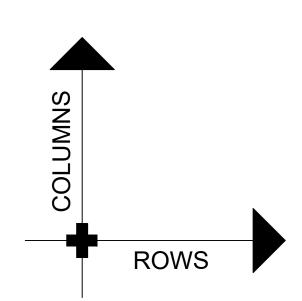
BID/REVIEW

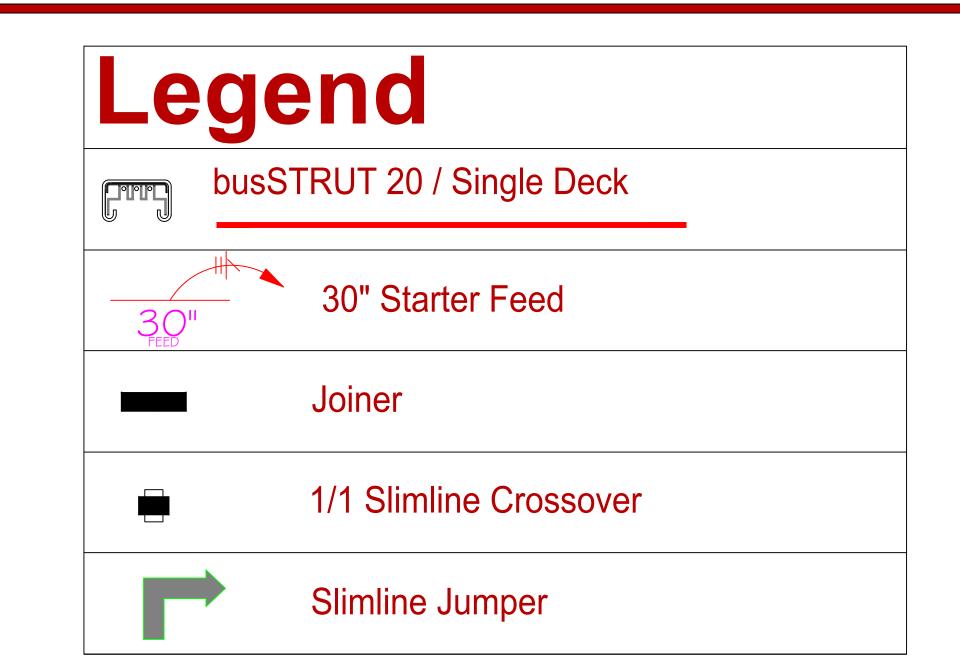
of Materials
Power Drops Lighting Plan & Bi Rectangle Small

busSTRUT	SHOP DRAWING SET(ONLY)	NOI A KEPLACEMENI FOR	ARCHITECTORAL /		
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				XXXX	REVISION DESCRIPTION
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					NO.
P	API	ER S	SIZ	E:	

ARCH E (48x36) SCALE 3/4" = 1'-0" DRAWING NUMBER **E-b1**







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CHECKED BY:

JOHN LOCH

DRAWN BY:

JOHN LOCH

ISSUE DATE:

10/30/2024

ISSUED FOR:

BID/REVIEW

Drops

DRAWING NUMBE

Dimensions

