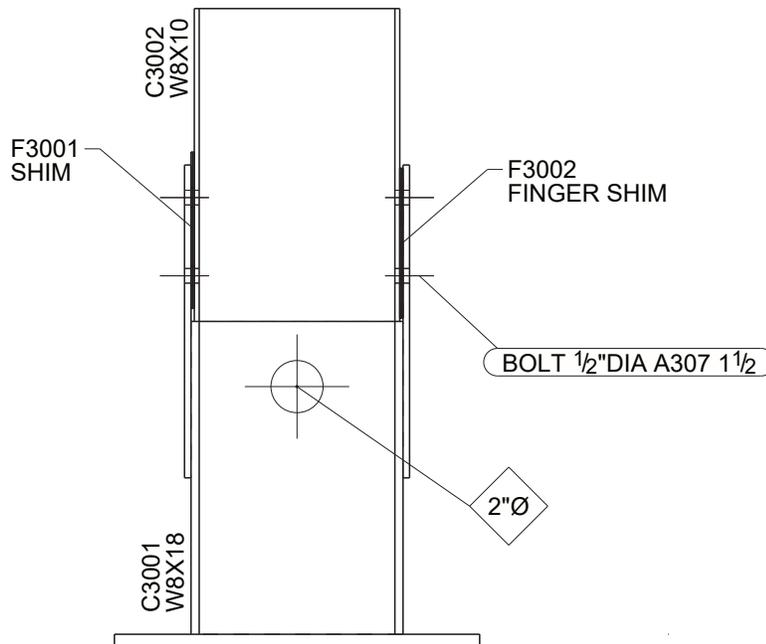
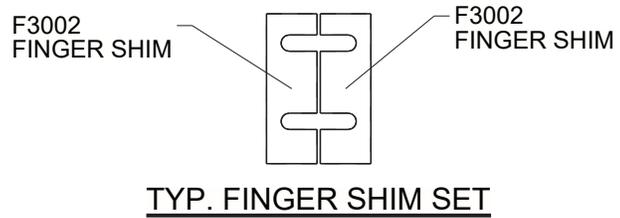
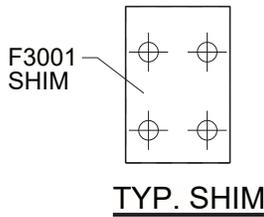


COLUMN SPLICE ACTIVITY



COLUMN SPLICE ACTIVITY

ACTUAL BILL OF MATERIALS

- (1) C3001 column
- (1) C3002 column
- (1) F3001 shim
- (2) F3002 finger shim set
- (1) P2002 base plate
- (1) P3001 splice plate
- (1) P3004 splice plate
- (4) ½"Ø×1½" long bolts, nuts, and washers

FABRICATION

- Fabricate all individual pieces
- Weld assembly as shown in the shop document

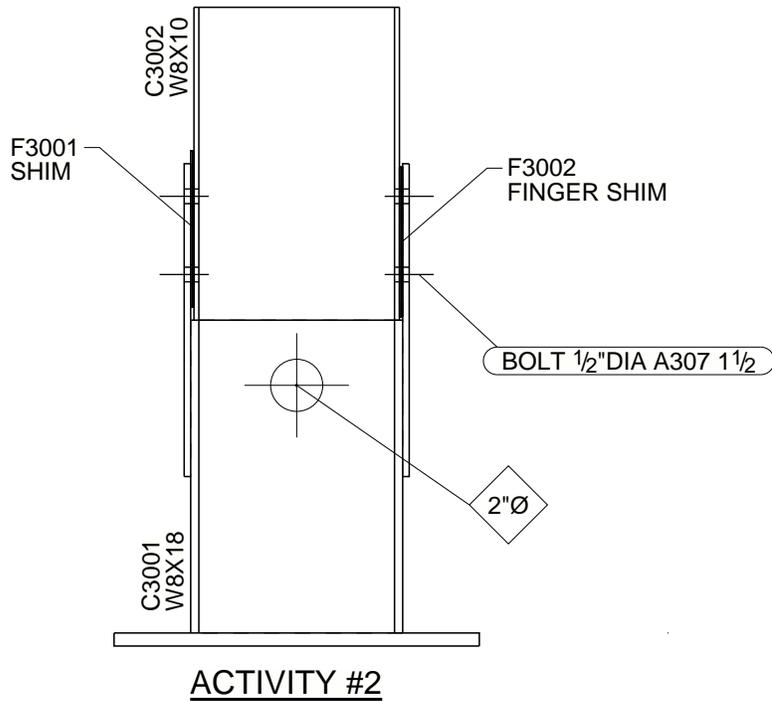
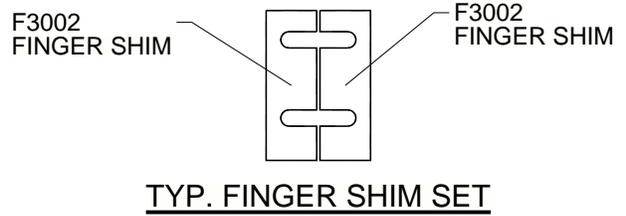
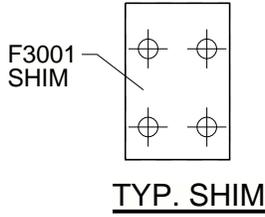
ACTIVITY

- Start – the splice plates are welded to the outstanding WF column flanges and the base of the column is welded to the base plate
- Place the loose WF member on top of the lower WF column, aligning the flange and web orientation of the lower WF
- Place the shims between the splice plates and the flange faces of the upper WF member
- Install and finger-tighten the bolts
- When the activity and the conversation are complete, undo the actions for the next participant

HIGHLIGHTS

- Note which actions occur in the shop and which occur on a job site
- Everything attached to the base column and everything shipped loose would typically be shipped as shown
- Note the erector hole that is used for picking up the column on site and erecting it
- Column splices are often detailed 4 ft above the floor elevation to serve as a part of the temporary guardrails during construction and allow for an easier height to install the splice, avoiding conflicts with beam connections just below the floor elevation
- Splices can be detailed in a variety of ways depending on the loads supported by the splice and the preferences of the erector



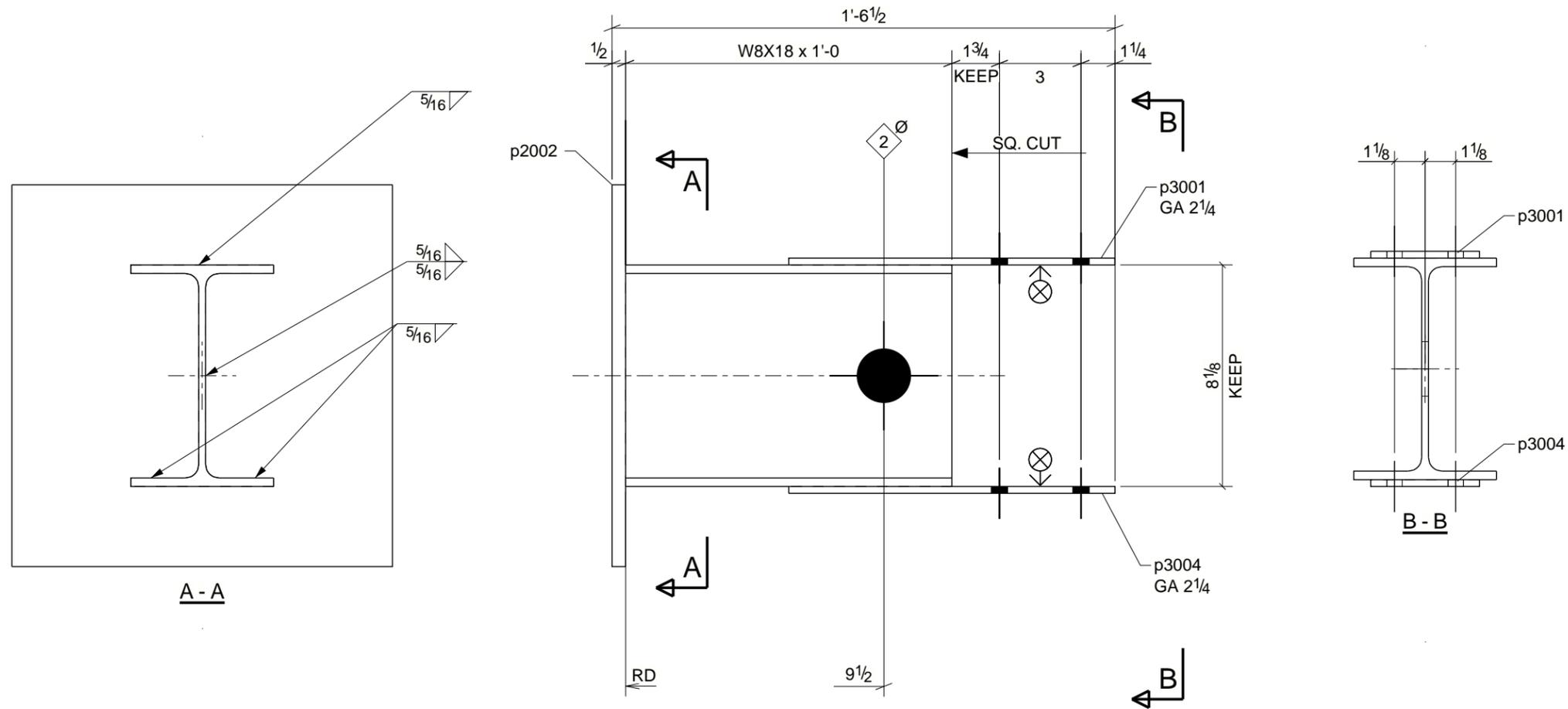


DATE	NO.	DESCRIPTION	BY
02/06/2024	A	ISSUED FOR APPROVAL (IFA03)	CH
CONTACT US IF YOU HAVE ANY OF THESE PROBLEMS: * DAMAGED STEEL CONNECTIONS * IMPROPER FIT * FIELD MODIFICATIONS * QUESTIONS ABOUT THESE DWGS		 LENEX STEEL CO. 450 E. 96TH STREET, SUITE 100 INDIANAPOLIS, INDIANA 317.818.1622 317.818.1255 (Fax)	
CALL OUR PROJECT MANAGER: LENEX OFFICE PHONE: (317) 818-1622 CELL PHONE: 317.818.1622			PROJECT NAME
ELECTRODES E70XX UNO		LOCATION	SAN ANTONIO, TX
WELDS 1/4" FILLET UNO		CONTRACTOR	AISC W/ LENEX STEEL COMPANY
OPEN HOLES 13/16"Ø UNO		ARCHITECT	
BOLTS A325N_TC UNO		DESCRIPTION	ACTIVITY #3
		DRAWN BY	CH 02/06/2024
		CHECK BY	KE 02/06/2024
		JOB No.	NASCC 2024
		DRG No.	E3
		REV	A

Tekla Structures

QTY.	SITE BOLTS	LENGTH
2	Ø ASTM F1852 BOLT	1/4"

SEQ	QTY
3	1



ONE - COLUMN - C3001

W	8 1/8" x 1/4"
F	5 1/4" x 5/16"

BILL OF MATERIAL

Qty Ea.	Qty Tot	Piece Mark	Description	Length	Weight Total	Remarks	Adv Mill #	Steel Grade
	1	C3001	COLUMN		52			
1	1		W8X18	1'-0"	18			A992
1	1	p2002	PL1/2"X14"	1'-2"	28			A572-50
1	1	p3001	PL1/4"X4"	1'-0"	3			A572-50
1	1	p3004	PL1/4"X4"	1'-0"	3			A572-50

ALL WELDING TO BE DONE IN ACCORDANCE WITH ANSI/AWS D1.1 STRUCTURAL WELDING CODE - STEEL, OF LATEST ISSUE	
HOLES 13/16"Ø BOLTS A325N_TC	UNO
COPEs 1/2" RADIUS	UNO
AESS CAT.	UNO
PAINT UNP	UNO

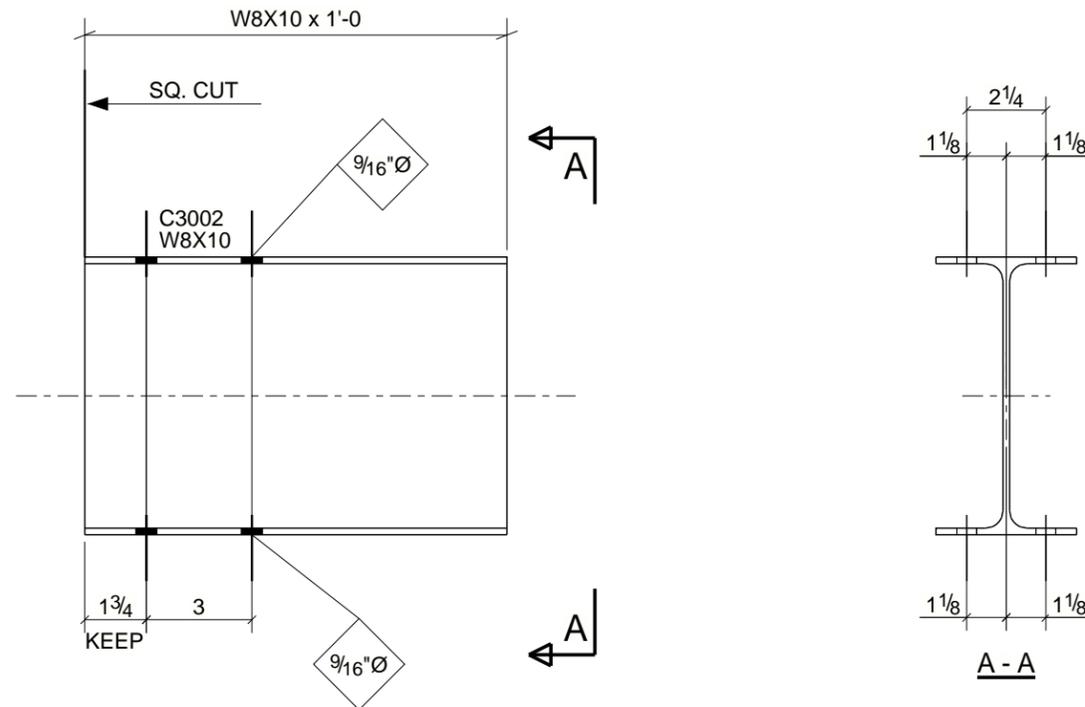
PROJECT NAME WORKFORCE ZONE ACTIVITIES
LOCATION SAN ANTONIO, TX
CONTRACTOR AISC W/ LENEX STEEL COMPANY
ARCHITECT

02/06/2024	ISSUED FOR APPROVAL (IFA03)	CH
DATE	DESCRIPTION	BY
 LENEX STEEL CO. 450 E. 96TH STREET, SUITE 100 INDIANAPOLIS, INDIANA 317.818.1622 317.818.1255 (Fax)		
DESCRIPTION COLUMN	DRN BY CH 02/06/2024	JOB No. NASCC 2024
	CHKD BY KE 02/06/2024	DRG No. C3001

Tekla Structures

QTY.	SITE BOLTS	LENGTH
8	1/2"Ø A307 BOLT	1 1/2"

SEQ	QTY
3	1



ONE - COLUMN - C3002

W	7 7/8" x 3/16"
F	4" x 3/16"

02/06/2024	ISSUED FOR APPROVAL (IFA03)	CH
DATE	DESCRIPTION	BY

BILL OF MATERIAL

Qty Ea.	Qty Tot	Piece Mark	Description	Length	Weight Total	Remarks	Adv Mill #	Steel Grade
1	1	C3002	COLUMN		10			
1	1		W8X10	1'-0"	10			A992

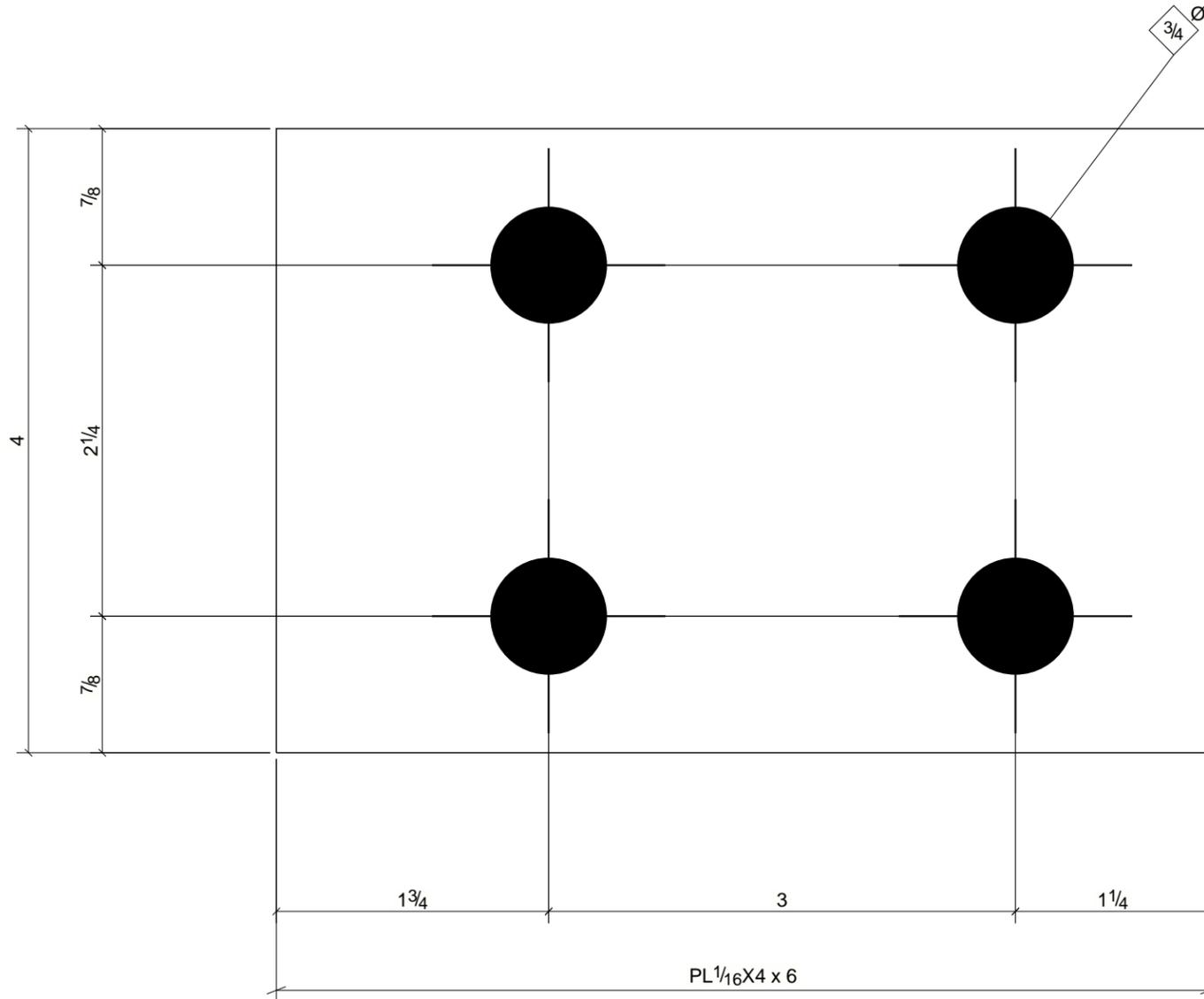
ALL WELDING TO BE DONE IN ACCORDANCE WITH ANSI/AWS D1.1 STRUCTURAL WELDING CODE - STEEL, OF LATEST ISSUE			PROJECT NAME WORKFORCE ZONE ACTIVITIES		
HOLES 13/16"Ø BOLTS A325N_TC UNO			LOCATION SAN ANTONIO, TX		
COPIES 1/2" RADIUS UNO			CONTRACTOR AISC W/ LENEX STEEL COMPANY		
AESS CAT. UNO			ARCHITECT		
PAINT UNP UNO					

		LENEX STEEL CO.	
		450 E. 96TH STREET, SUITE 100 INDIANAPOLIS, INDIANA 317.818.1622 317.818.1255 (Fax)	
DESCRIPTION COLUMN		DRN BY CH 02/06/2024	JOB No. NASCC 2024
		CHKD BY KE 02/06/2024	DRG No. C3002

Tekla Structures

QTY.	SITE BOLTS	LENGTH
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SEQ	QTY
1	2



2 - SHIMS - F3001

02/06/2024	ISSUED FOR APPROVAL (IFA03)	CH
DATE	DESCRIPTION	BY

ALL WELDING TO BE DONE IN ACCORDANCE WITH ANSI/AWS D1.1 STRUCTURAL WELDING CODE - STEEL, OF LATEST ISSUE			PROJECT NAME WORKFORCE ZONE ACTIVITIES		
			LOCATION SAN ANTONIO, TX		
HOLES 13/16"Ø BOLTS A325N_TC UNO			CONTRACTOR AISC W/ LENEX STEEL COMPANY		
COPEs 1/2" RADIUS UNO			ARCHITECT		
AESS CAT. UNO					
PAINT UNP UNO					

		LENEX STEEL CO. 450 E. 96TH STREET, SUITE 100 INDIANAPOLIS, INDIANA 317.818.1622 317.818.1255 (Fax)	
		DESCRIPTION	DRN BY
SHIM		CH 02/06/2024	NASCC 2024
		CHKD BY KE 02/06/2024	DRG No. F3001

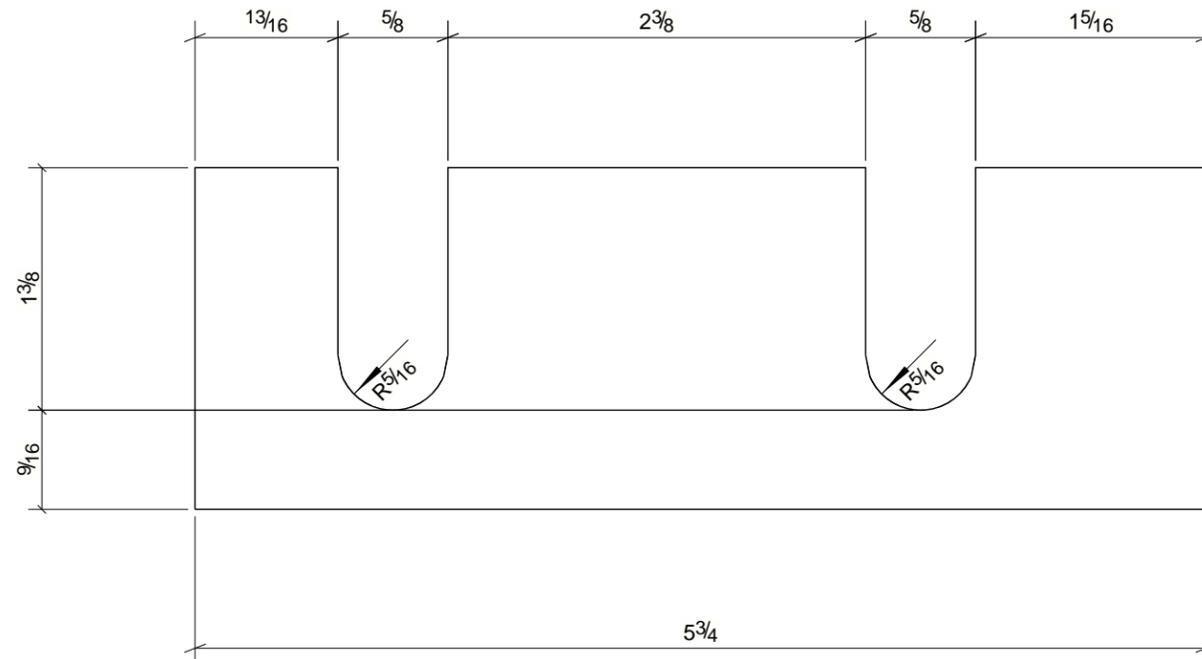
BILL OF MATERIAL

Qty Ea.	Qty Tot	Piece Mark	Description	Length	Weight Total	Remarks	Adv Mill #	Steel Grade
	2	F3001	SHIMS		0			
1	2		PL1/16"X4"	0'-6"	1			A1011

Tekla Structures

QTY.	SITE BOLTS	LENGTH
------	------------	--------

SEQ	QTY
1	4



4 - FINGER SHIMS - F3002

Tekla Structures

BILL OF MATERIAL

Qty Ea.	Qty Tot	Piece Mark	Description	Length	Weight Total	Remarks	Adv Mill #	Steel Grade
	4	F3002	FINGER SHIMS		0			
1	4		PL1/16"X1 15/16"	0'-5 3/4"	1			A1011

ALL WELDING TO BE DONE IN ACCORDANCE WITH ANSI/AWS D1.1 STRUCTURAL WELDING CODE - STEEL, OF LATEST ISSUE		
HOLES 13/16"Ø	BOLTS A325N_TC	UNO
COPIES	1/2" RADIUS	UNO
AESS CAT.		UNO
PAINT	UNP	UNO

PROJECT NAME WORKFORCE ZONE ACTIVITIES
LOCATION SAN ANTONIO, TX
CONTRACTOR AISC W/ LENEX STEEL COMPANY
ARCHITECT

02/06/2024	ISSUED FOR APPROVAL (IFA03)	CH
DATE	NO.	BY
LENEX STEEL CO. 450 E. 96TH STREET, SUITE 100 INDIANAPOLIS, INDIANA 317.818.1622 317.818.1255 (Fax)		
DESCRIPTION FINGER SHIM	DRN BY CH 02/06/2024	JOB No. NASCC 2024
	CHKD BY KE 02/06/2024	DRG No. F3002