

DRN

JMM

6/2/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

201140-LVL02-6A

WUSM RESEARCH BUILDING

NRB

LEVEL 02 NRB RACK

SERVICE NAME

QTY.

1

SHT/NO

2 OF 3

REV

0

QA/QC ACCEPT

FLANGE WEIGHT/ORIENTATION

FITTING ORIENTATION

BOLTS/CPLG'S/TH'D TIGHT

SPOOL IDENTIFICATION

SPEC.

NA

ASME

NA

X-RAY

NA

HYDRO TEST

NA

PWHT

NA

COMMENTS

REV

0

DATE

DESCRIPTION

DRN

CHK

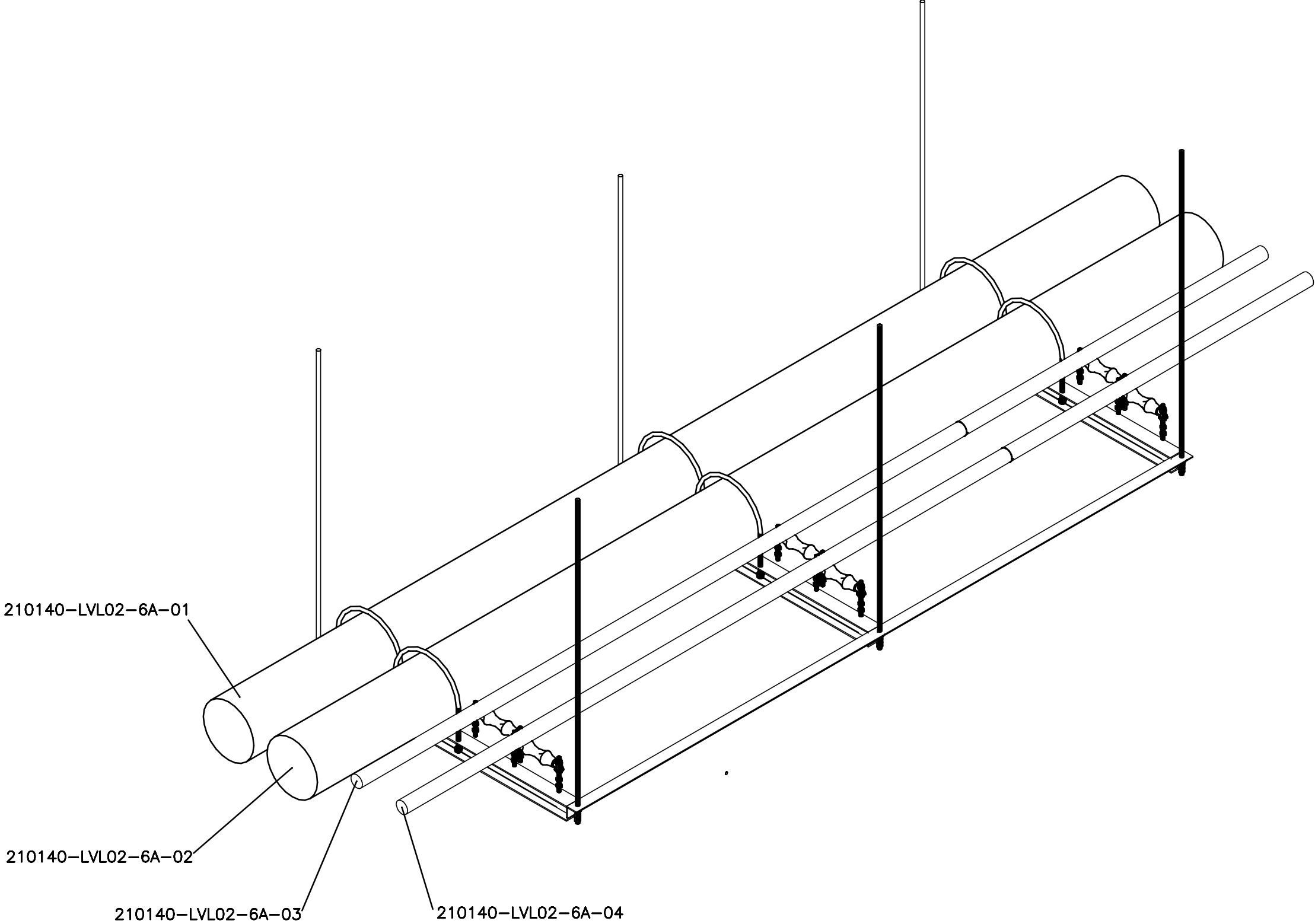
APP

MURPHY

SINCE 1907

CONSTRUCTORS • ENGINEERS • MECHANICAL • INDUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com



DRN

JMM

6/2/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

201140-LVL02-6A

WUSM RESEARCH BUILDING

NRB

LEVEL 02 NRB RACK

SERVICE NAME

QTY.

1

SHT/NO

2 of 3

REV

0

QA/QC ACCEPT

FLANGE WEIGHT/ORIENTATION

FITTING ORIENTATION

BOLTS/CPLG'S/TH'D TIGHT

SPOOL IDENTIFICATION

SPEC.

NA

0

ASME

NA

X-RAY

NA

HYDRO TEST

NA

PWHT

NA

COMMENTS

MURPHY WPS#

REV

DATE

DESCRIPTION

DRN

CHK

APP

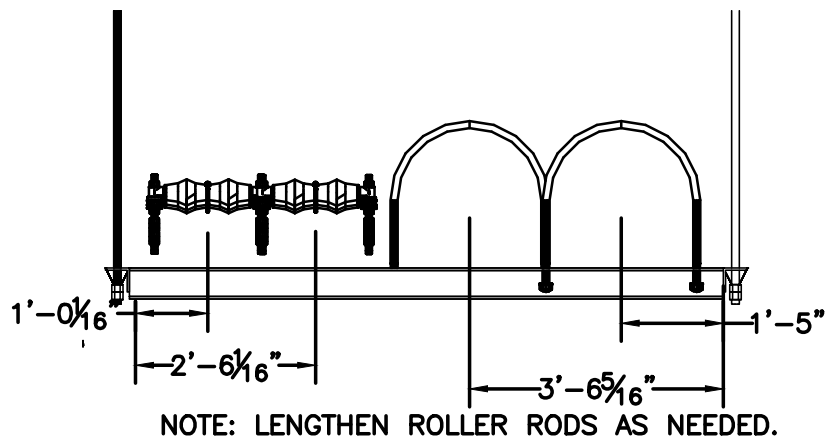
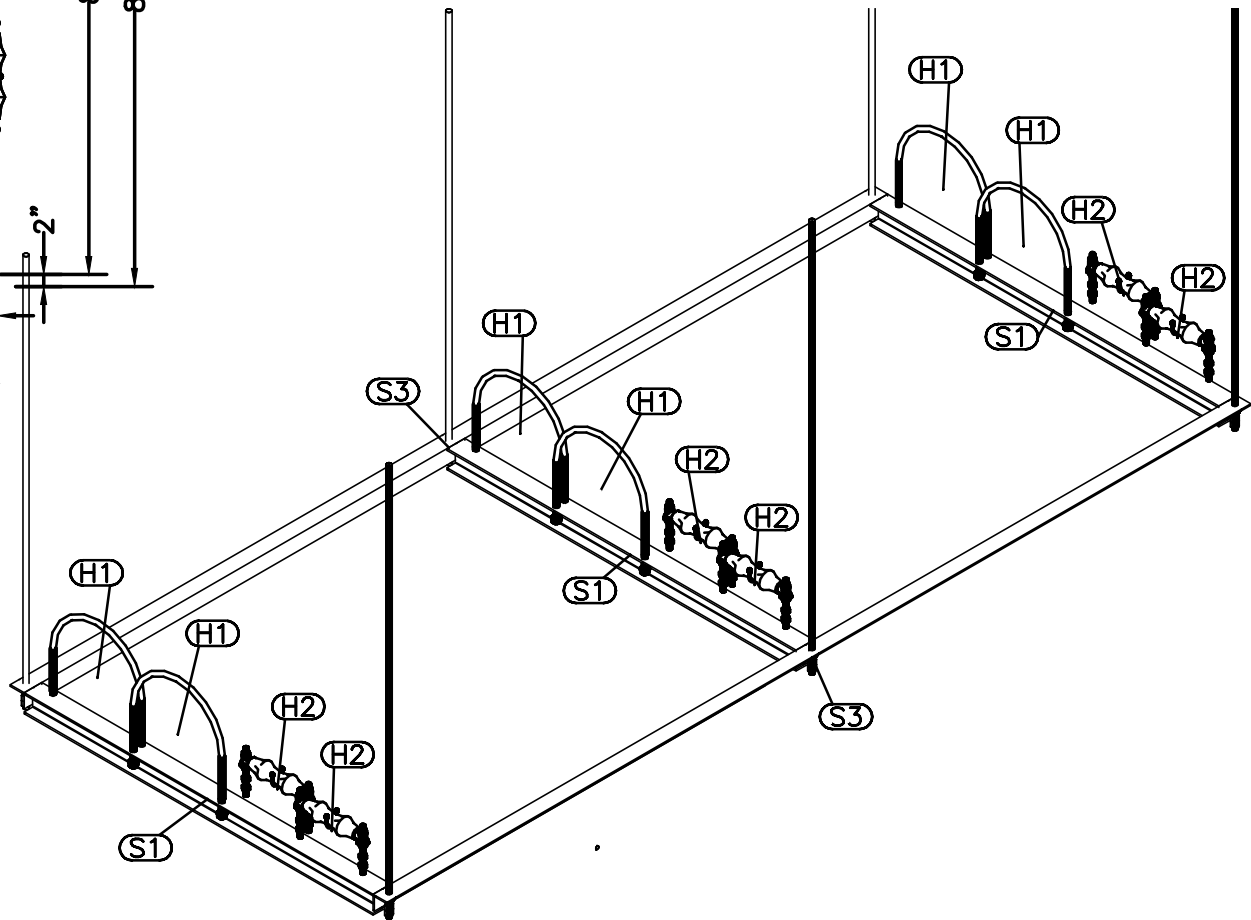
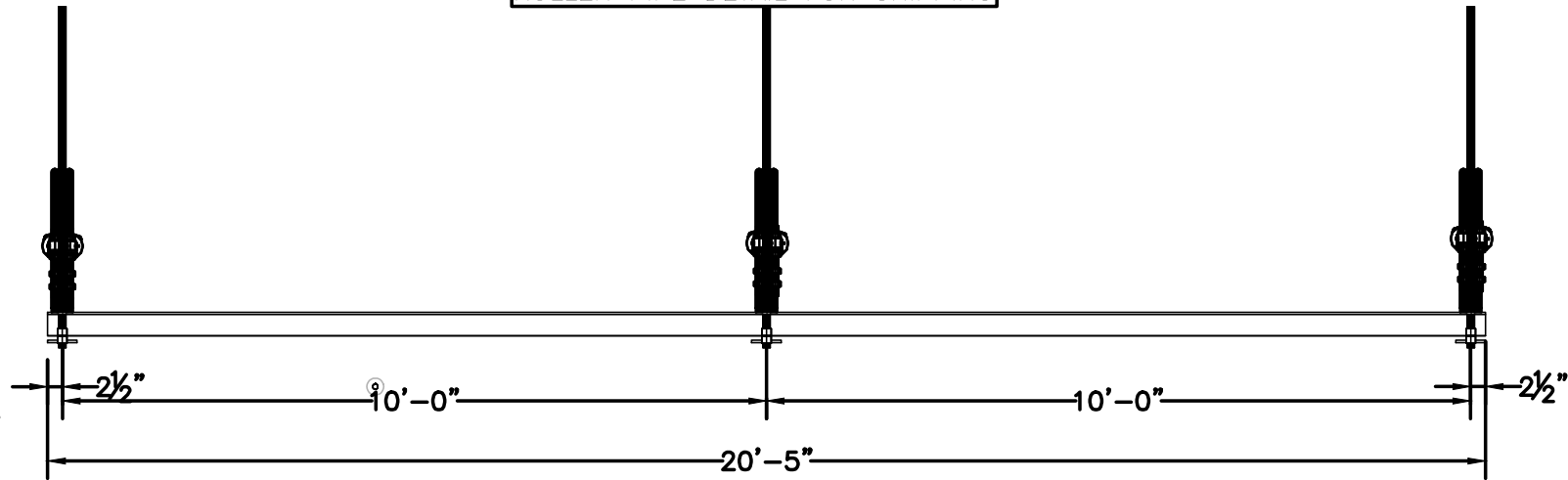
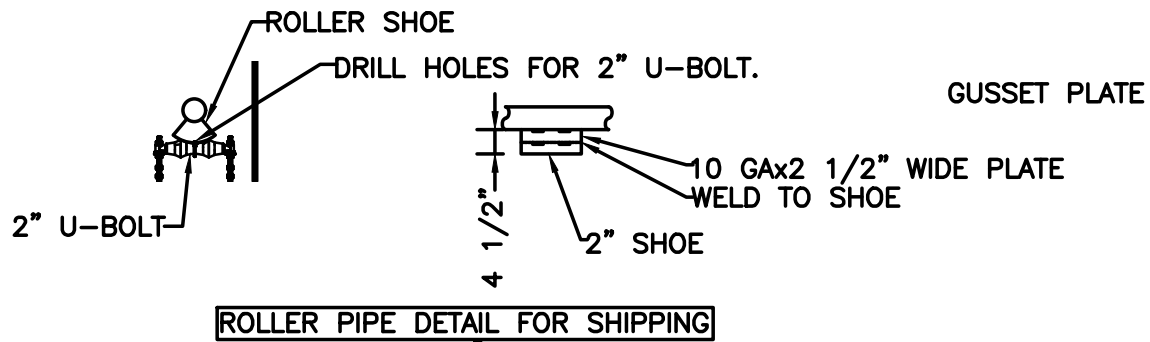
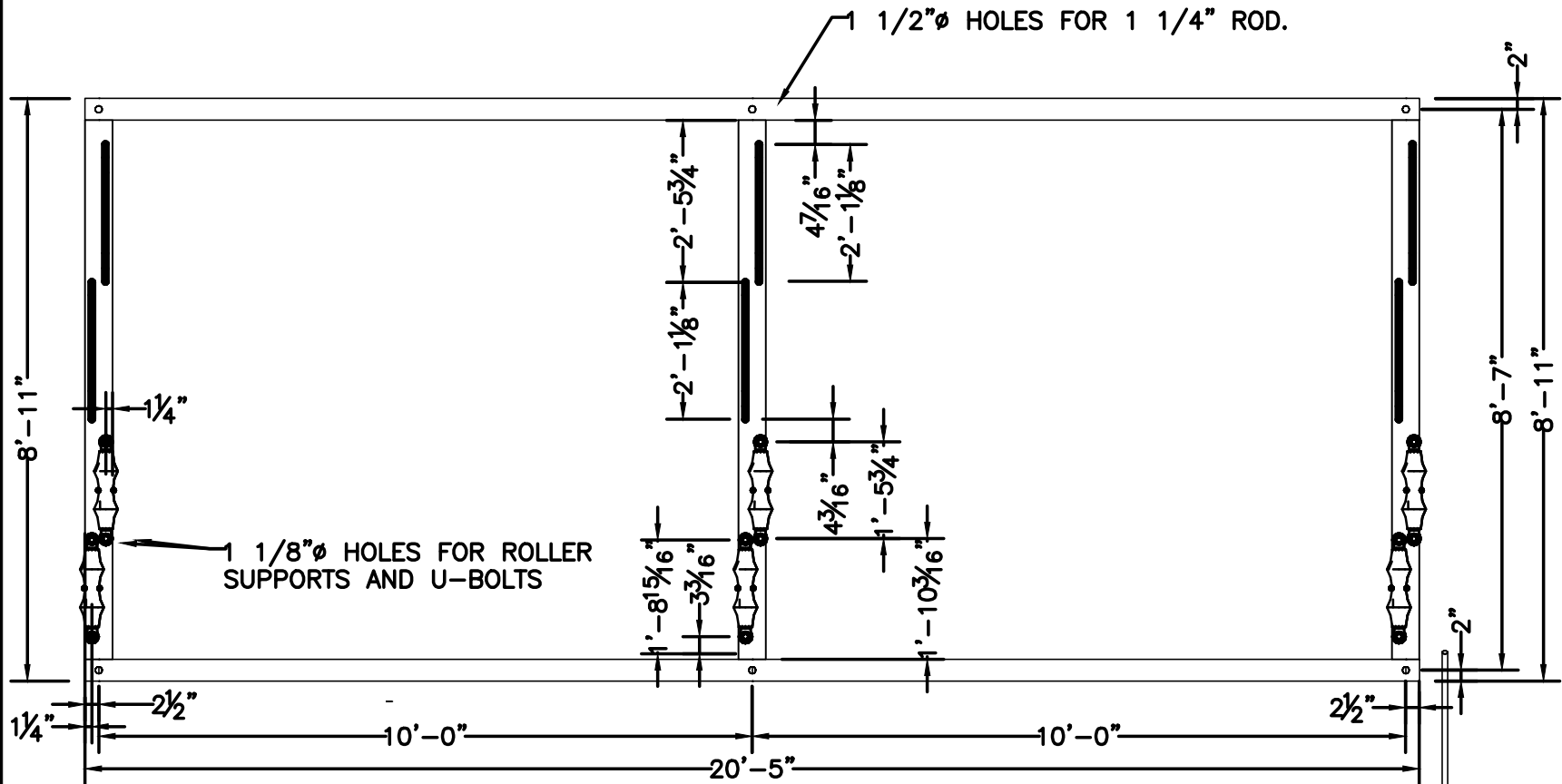
MURPHY
SINCE 1907

CONSTRUCTORS • ENGINEERS • MECHANICAL • INDUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

Copyright © 2015 Murphy Company Mechanical Contractors & Engineers. For use only by authorized bidders and contractors in connection with this project. Drawings are property of and all rights reserved by Murphy Company Mechanical Contractors and Engineers.

J:\210140 WUSM Research Building NRG\16-tab\pipe\dwg\NRB LVL02-6A.dwg
06/03/2021 - 3:02pm
jmcakemey

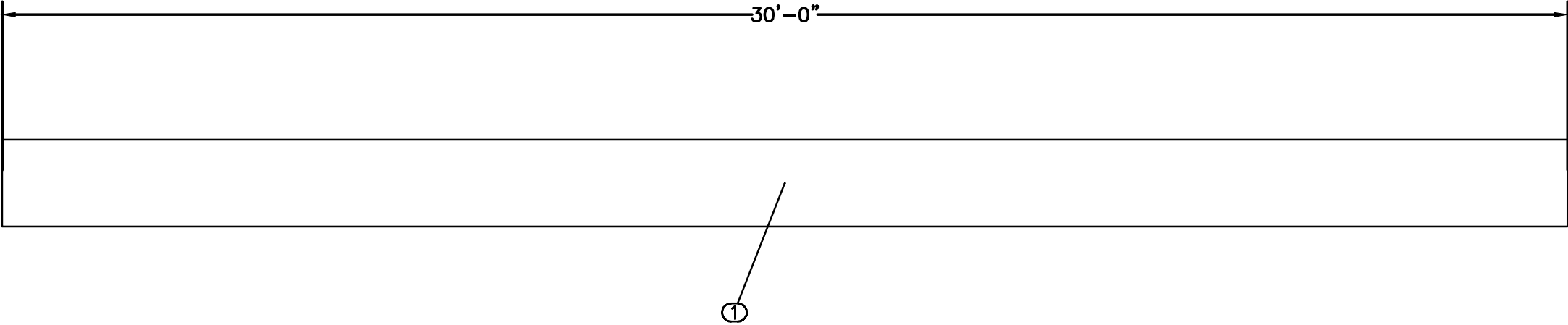


BOM-STEEL

Item No	Order	Description	Qty	Size	Steel L
H1	Fig137	Fig.137 U-Bolt (4)-Nut Black	6	24	
H2	B3122-14 PLN	B3122 Adjustable Roller Support - PLN	6	14	
S1	W5x19	ASTM A36 CS Wide Flange	3	W5x19	99"
S3	L4x4x3/8	ASTM A36 CS Equal Angle	2	L4x4x3/8	245"

MURPHY
SINCE 1907
CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL
1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

DRN JMM		6/2/2021		WUSM RESEARCH BUILDING				QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>							
CHK				NRB								FITTING ORIENTATION				<input type="checkbox"/>							
APP				LEVEL 02 NRB RACK								BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>							
JOB NO.		210140										SPOOL IDENTIFICATION				<input type="checkbox"/>							
REF.DWG.				SERVICE NAME				SPEC.		ASME		X-RAY		HYDRO TEST		PWHT		COMMENTS					
								NA		NA		NA		NA		NA		MURPHY WPS#					
DRAWING NO./TRACKING NO.				QTY.		SHT/NO		REV		0													
201140-LVL02-6A				1		3 OF 3		0		REV		DATE		DESCRIPTION				DRN		CHK		APP	



Murphy—PFFS—SPOOL—BOM						
Mark	Qty	Description	End 1	End 2	Lft	LDec
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	30'-0"	360.000

Size
20

MURPHY

SINCE 1907

CONSTRUCTORS • ENGINEERS

MECHANICAL • INDUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

FLANGE WEIGHT/ORIENTATION	<input type="checkbox"/>
FITTING ORIENTATION	<input type="checkbox"/>
BOLTS/CPLG'S/TH'D TIGHT	<input type="checkbox"/>
SPOOL IDENTIFICATION	<input type="checkbox"/>

QA/QC ACCEPT

SPEC.

NA

ASME

NA

X-RAY

NA

HYDRO TEST

NA

PWHT

NA

COMMENTS

MURPHY WPS#

0

REV

DATE

DESCRIPTION

DRN

CHK

APP

WUSM RESEARCH BUILDING

NRB

LVL02

SERVICE NAME

LVL02-6A RACK

QTY.

1

SHT/NO

1 of 1

REV

0

DRN JMM

6/3/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

210140-LVL02-6A-01

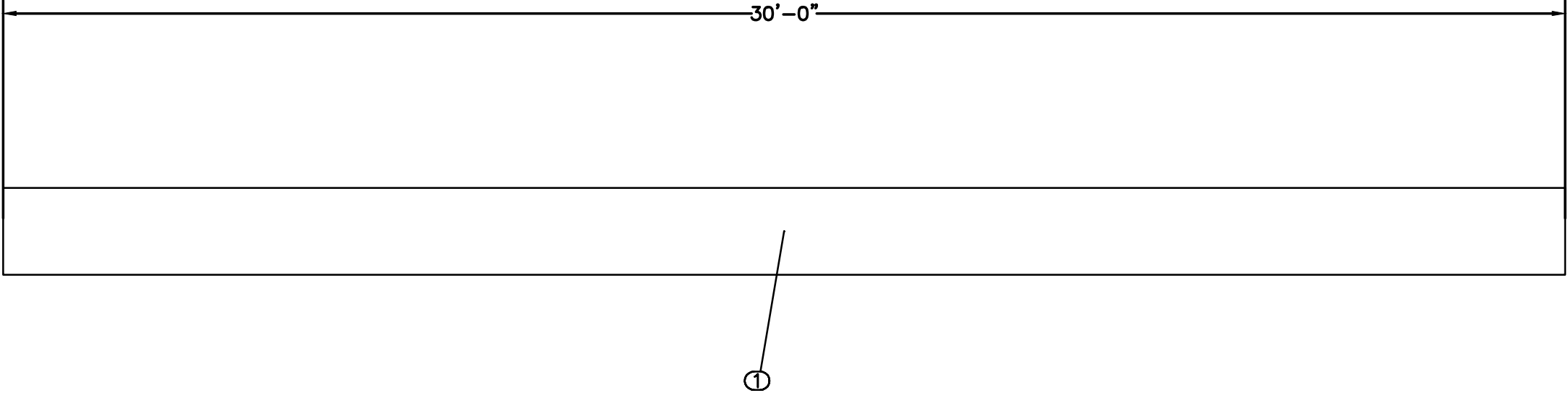
CONSTRUCTORS

ENGINEERS

MECHANICAL

INDUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com



Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	30'-0"	360.000	20

MURPHY

CONSTRUCTORS

ENGINEERS

MECHANICAL • INDUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

DRN JMM

6/3/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

210140-LVL02-6A-02

QTY.

1

SHT/NO

1 of 1

REV

0

WUSM RESEARCH BUILDING

NRB

LVL02

SERVICE NAME

LVL02-6A RACK

REV

0

QA/QC ACCEPT

FLANGE WEIGHT/ORIENTATION

☐

FITTING ORIENTATION

☐

BOLTS/CPLG'S/TH'D TIGHT

☐

SPOOL IDENTIFICATION

☐

SPEC.

NA

ASME

NA

X-RAY

NA

HYDRO TEST

NA

PWHT

NA

COMMENTS

MURPHY WPS#

0

REV

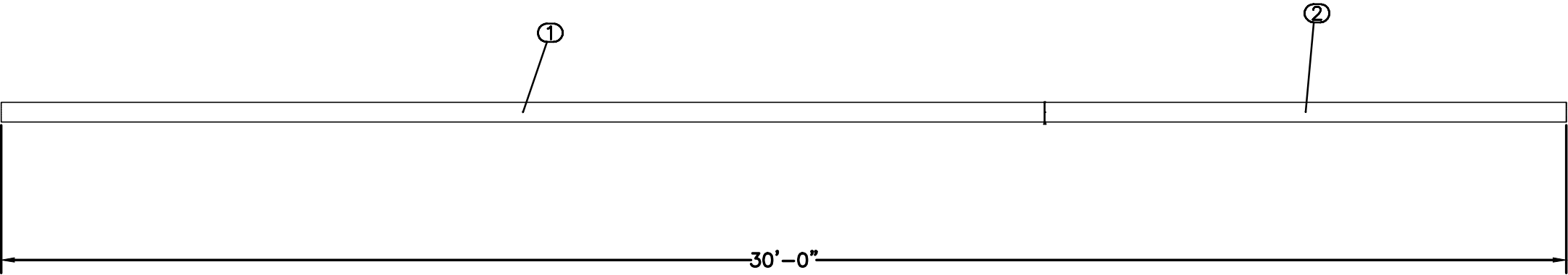
DATE

DESCRIPTION

DRN

CHK

APP



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	XH SA-53B CS SMLS Pipe	BEV	BEV	20'-0"	240.000	4
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	9'-11 7/8"	119.870	4

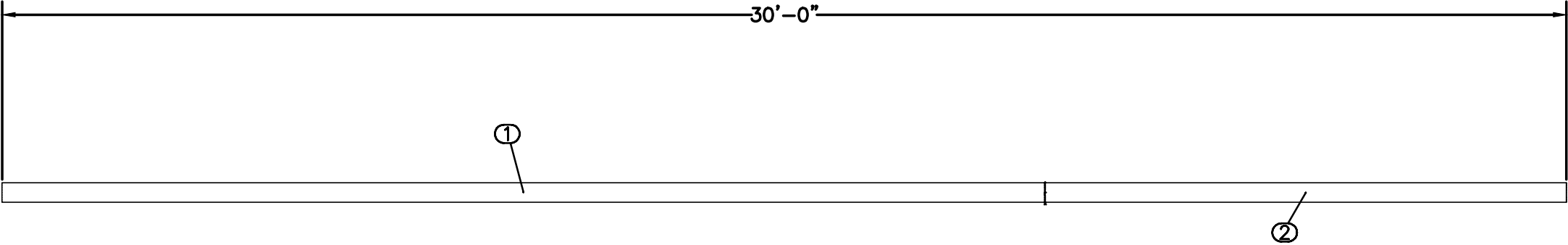
MURPHY
SINCE 1907

CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

QA/QC ACCEPT _____						<input type="checkbox"/> FLANGE WEIGHT/ORIENTATION <input type="checkbox"/> FITTING ORIENTATION <input type="checkbox"/> BOLTS/CPLG'S/TH'D TIGHT <input type="checkbox"/> SPOOL IDENTIFICATION							
SPEC.		ASME	X-RAY	HYDRO	TEST	PWHT	COMMENTS						
NA		NA	NA		NA	NA	MURPHY WPS#						
0													
REV	DATE	DESCRIPTION									DRN	CHK	APP

DRN JMM	6/3/2021	WUSM RESEARCH BUILDING		
CHK				
APP				
JOB NO.	210140			
REF.DWG.		SERVICE NAME		
		LVL02-6A RACK		
DRAWING NO./TRACKING NO.		QTY.	SHT/NO	REV
210140-LVL02-6A-03		1	1 of 1	0



Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	XH SA-53B CS SMLS Pipe	BEV	BEV	20'-0"	240.000	4
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	9'-11 7/8"	119.870	4

MURPHY
SINCE 1907

CONSTRUCTORS • ENGINEERS
MECHANICAL • INDUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>
				FITTING ORIENTATION				<input type="checkbox"/>
				BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>
				SPOOL IDENTIFICATION				<input type="checkbox"/>
SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS			
NA	NA	NA	NA	NA	MURPHY WPS#			
0								
REV	DATE	DESCRIPTION			DRN	CHK	APP	

DRN	JMM	6/3/2021	WUSM RESEARCH BUILDING			
CHK			NRB			
APP			LVL02			
JOB NO.	210140	SERVICE NAME	LVL02-6A RACK			
REF.DWG.						
DRAWING NO./TRACKING NO.	210140-LVL02-6A-04	QTY.	1	SHT/NO	1 of 1	REV
						0