

DRN

JMM

6/7/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

201140-LVL02-11A

QTY.

1

SHT/NO

1 of 3

REV

0

WUSM RESEARCH BUILDING

NRB

LEVEL 02 NRB RACK

SERVICE NAME

FLANGE WEIGHT/ORIENTATION

FITTING ORIENTATION

BOLTS/CPLG'S/TH'D TIGHT

SPOOL IDENTIFICATION

QA/QC ACCEPT

SPEC.

NA

ASME

NA

X-RAY

NA

HYDRO TEST

NA

PWHT

NA

COMMENTS

REV

0

DATE

DESCRIPTION

DRN

CHK

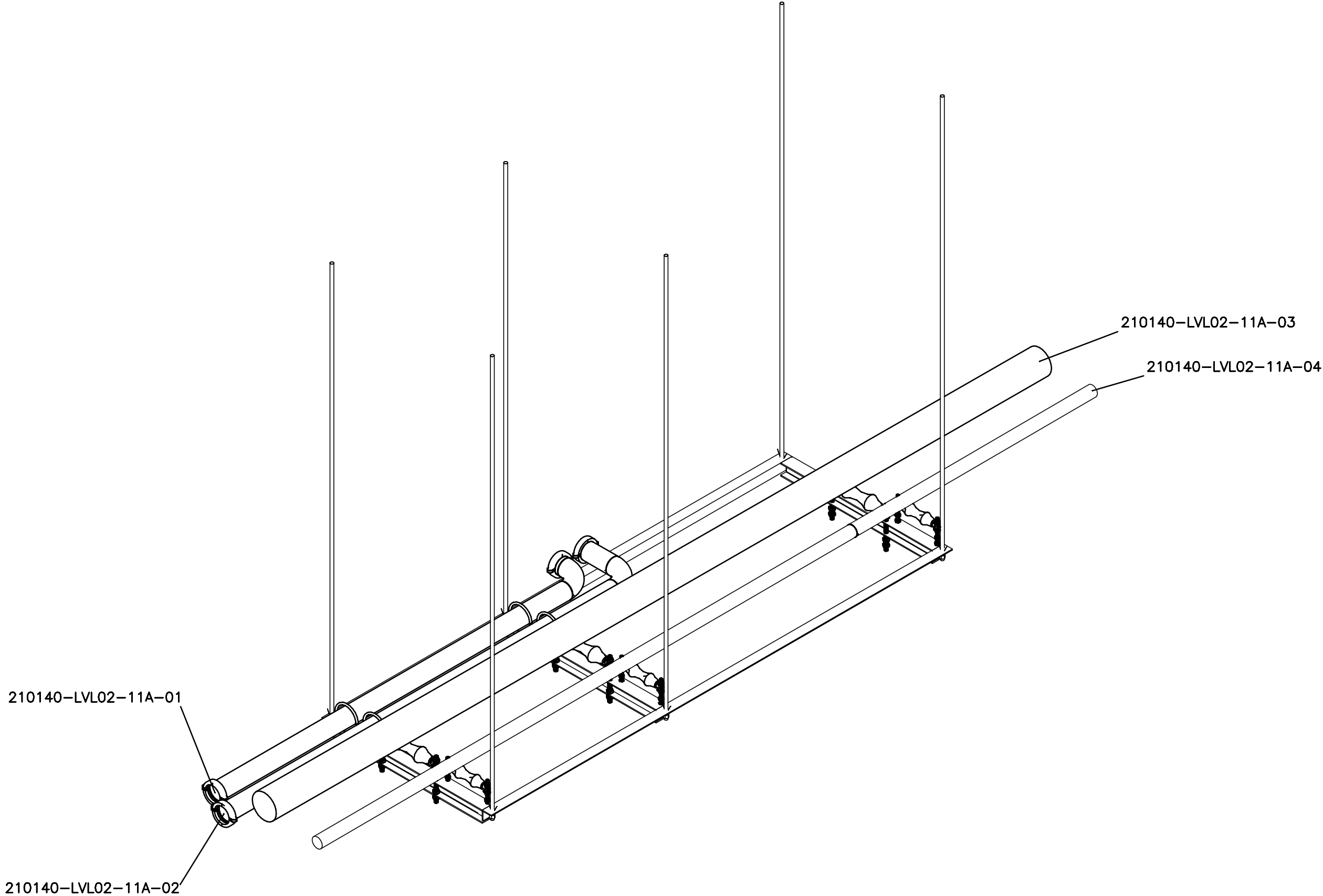
APP

MURPHY

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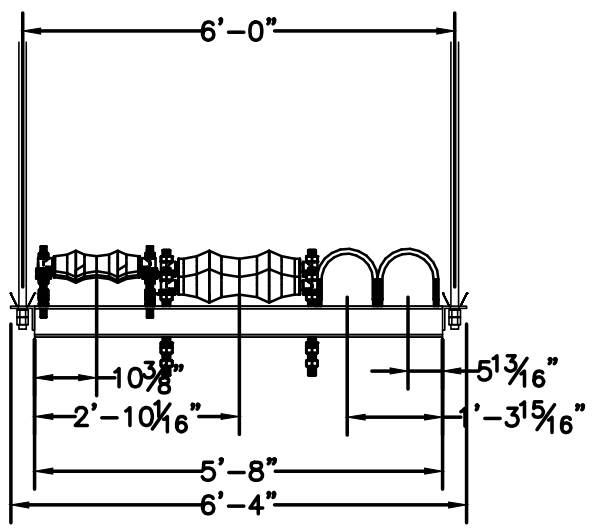
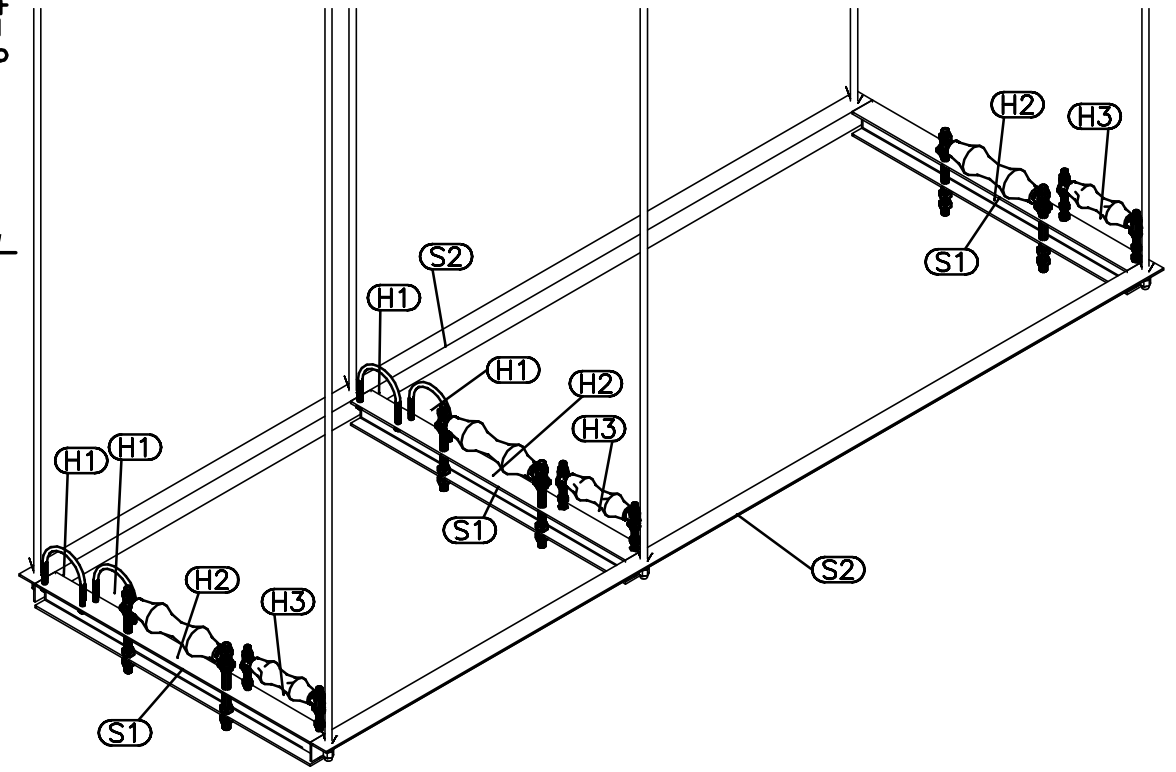
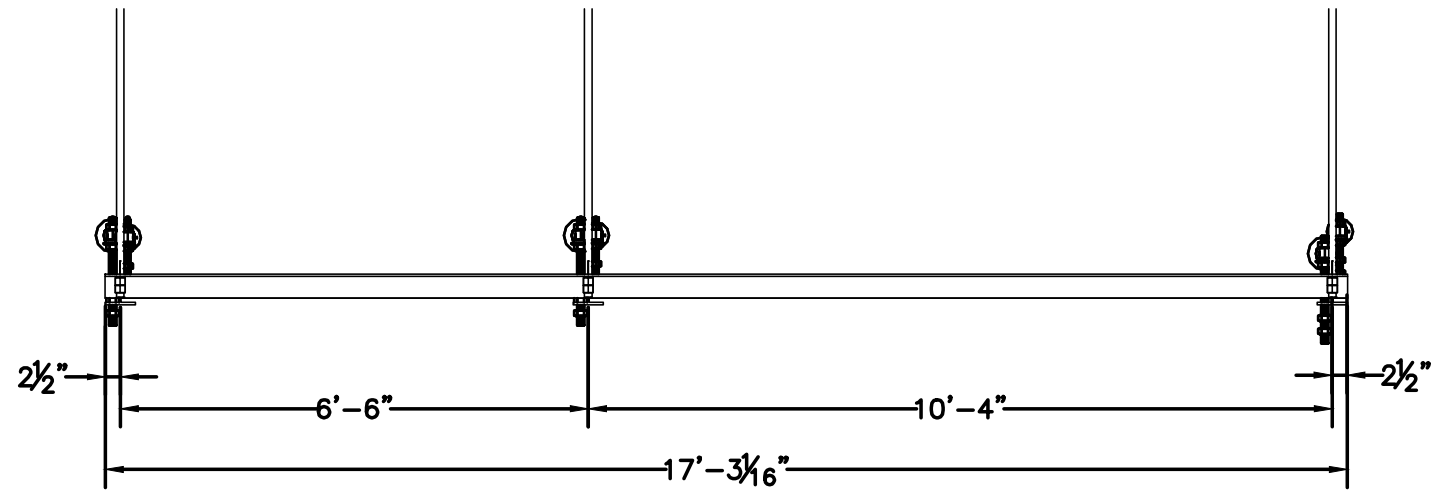
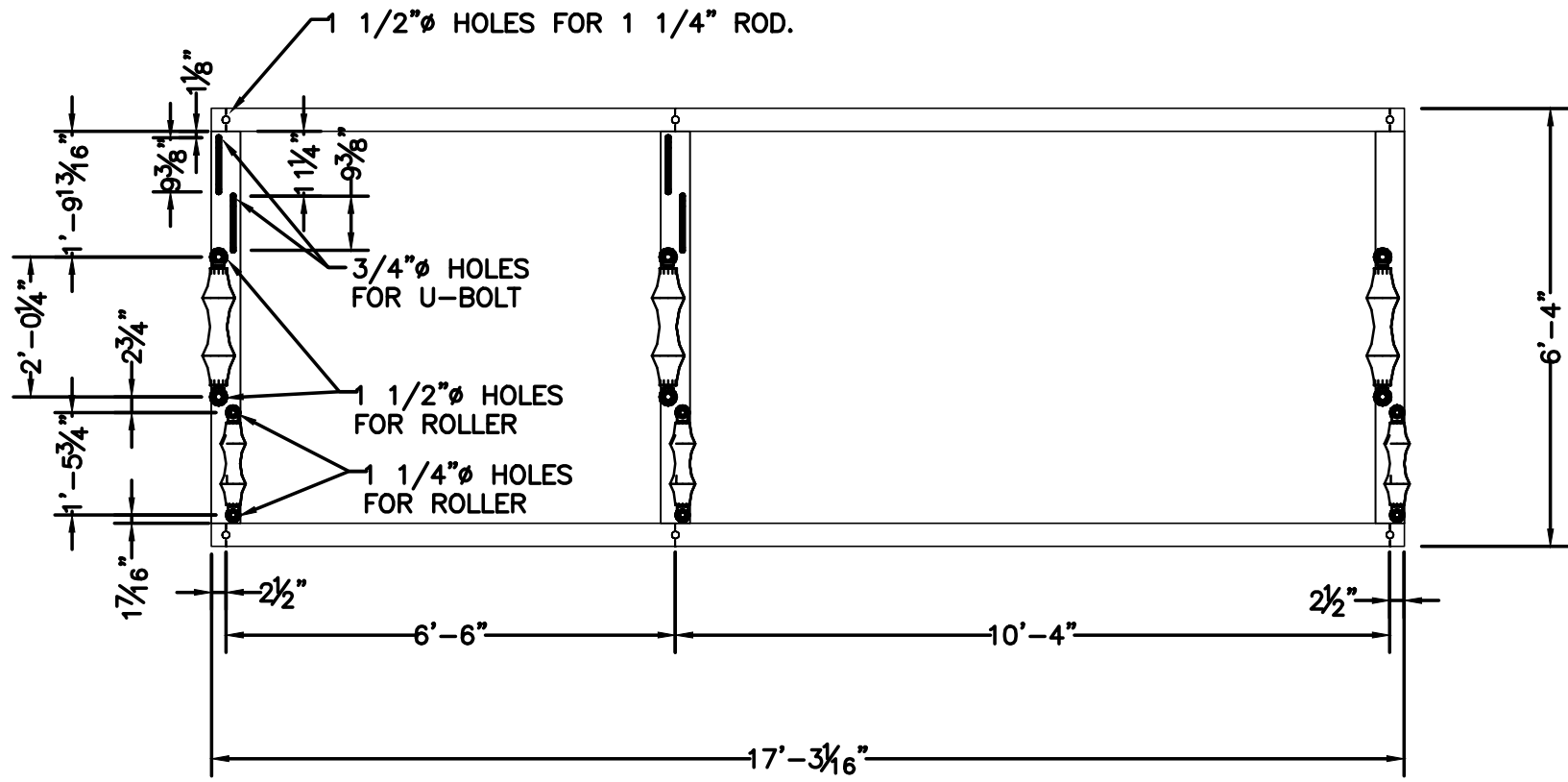
1233 N. Price Rd.  
St. Louis, MO 63132-2303  
314-997-6600 phone  
BIMCAD@murphy-stl.com



DRN JMM		6/7/2021	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	SERVICE NAME				SPOOL IDENTIFICATION				<input type="checkbox"/>
REF.DWG.							SPEC.	ASME	X-RAY	HYDRO TEST	COMMENTS
DRAWING NO./TRACKING NO.							NA	NA	NA	NA	MURPHY WPS#
201140-LVL02-11A							0				
							REV	DATE	DESCRIPTION		DRN
											CHK
											APP

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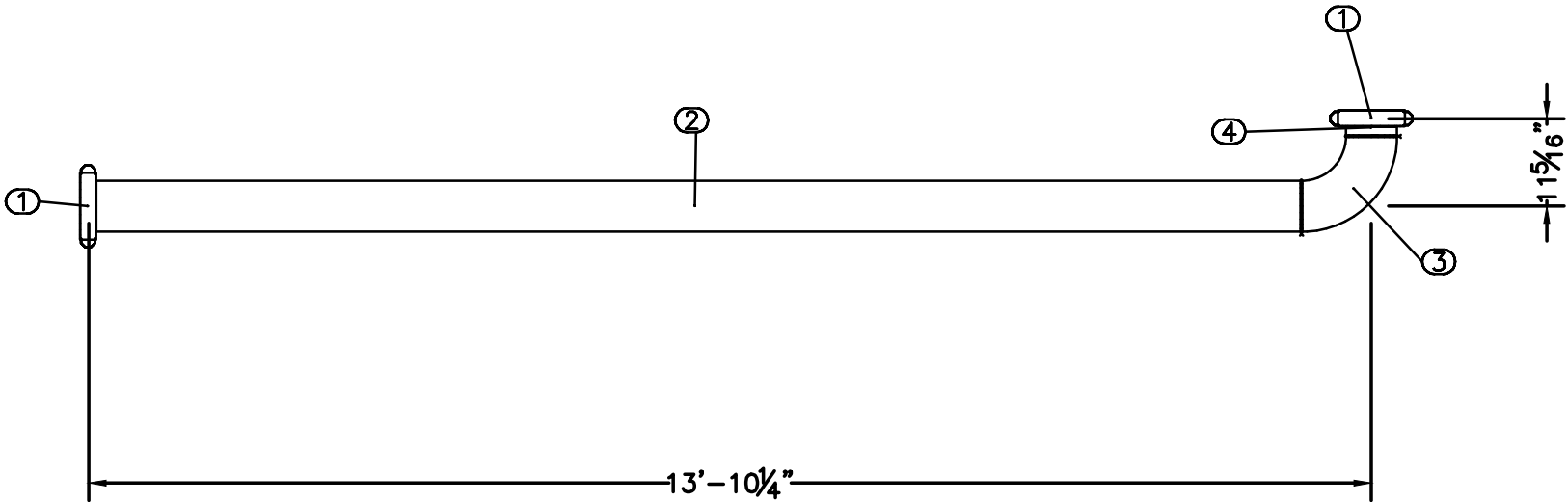
# BOM-STEEL

Item No	Order	Description	Qty	Size	Steel L
H1	Fig137	Fig.137 U-Bolt (4)-Nut Black	4	8	
H2	B3122-20 PLN	B3122 Adjustable Roller Support - PLN	3	20	
H3	B3122-14 PLN	B3122 Adjustable Roller Support - PLN	3	14	
S1	W5x19	ASTM A36 CS Wide Flange	3	W5x19	68"
S2	L4x4x3/8	ASTM A36 CS Equal Angle	2	L4x4x3/8	207"

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QA/QC ACCEPT		FLANGE WEIGHT/ORIENTATION		FITTING ORIENTATION		BOLTS/CPLG'S/TH'D TIGHT		SPOOL IDENTIFICATION	
		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
		SPEC.		ASME		X-RAY		HYDRO TEST	
		NA		NA		NA		NA	
		REV		DATE		DESCRIPTION		DRN	
		0							
WUSM RESEARCH BUILDING		NRB		LEVEL 02 NRB RACK		SERVICE NAME		COMMENTS	
REF.DWG.		JOB NO. 210140		QTY. 1		SHT/NO 3 OF 3		MURPHY WPS#	
DRAWING NO./TRACKING NO.		201140-LVL02-11A		REV 0					
CHK		APP		APP		CHK		APP	



Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	2	Style 107 EHP Pnt QuickVic Rigid Coupling					6
3	1	Std Wt SA234 WPB CS BW LR 90 Deg El					6
2	1	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	BEV	13'-1 1/8"	157.143	6
4	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	Grooved End	2 3/16"	2.185	6

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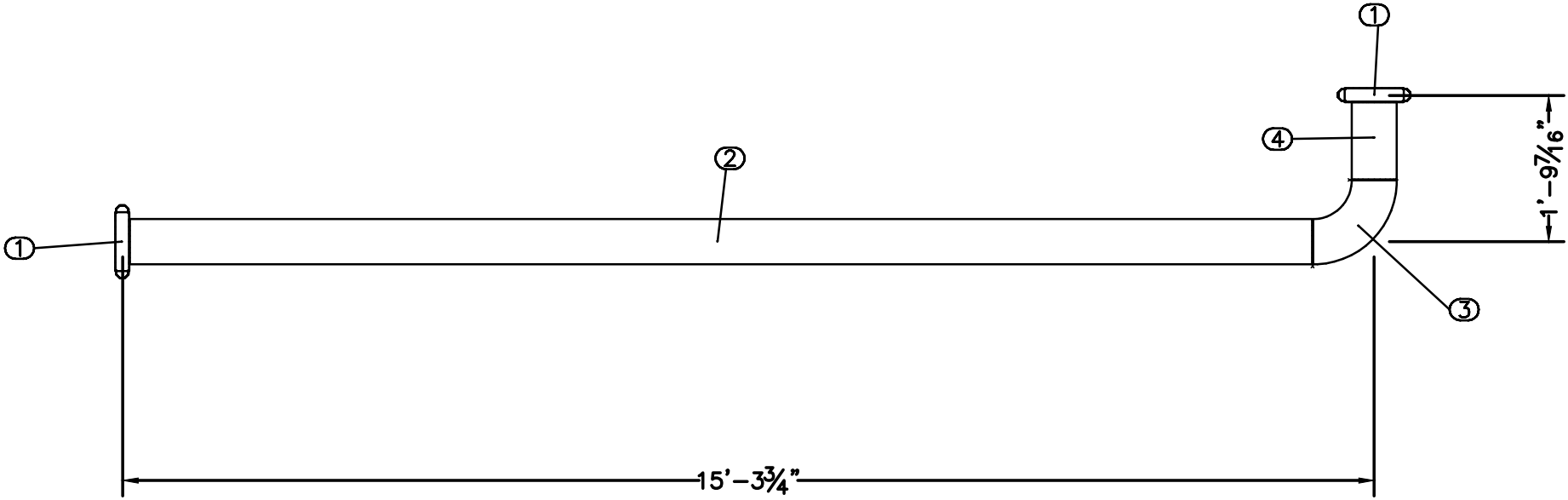
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<input type="checkbox"/> FLANGE WEIGHT/ORIENTATION	
<input type="checkbox"/> FITTING ORIENTATION	
<input type="checkbox"/> BOLTS/CPLG'S/TH'D TIGHT	
<input type="checkbox"/> SPOOL IDENTIFICATION	

QA/QC ACCEPT			

SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
NA	NA	NA	NA	NA	MURPHY WPS#
0					
REV	DATE	DESCRIPTION		DRN	CHK APP

DRN JMM	6/7/2021	WUSM RESEARCH BUILDING			
CHK		NRB			
APP		LEVEL 02 NRB RACK			
JOB NO.	210140	SERVICE NAME			
REF.DWG.		LVL02-11A RACK			
DRAWING NO./TRACKING NO.	QTY.	SHT/NO	REV		
210140-LVL02-11A-01	1	1 of 1	0		



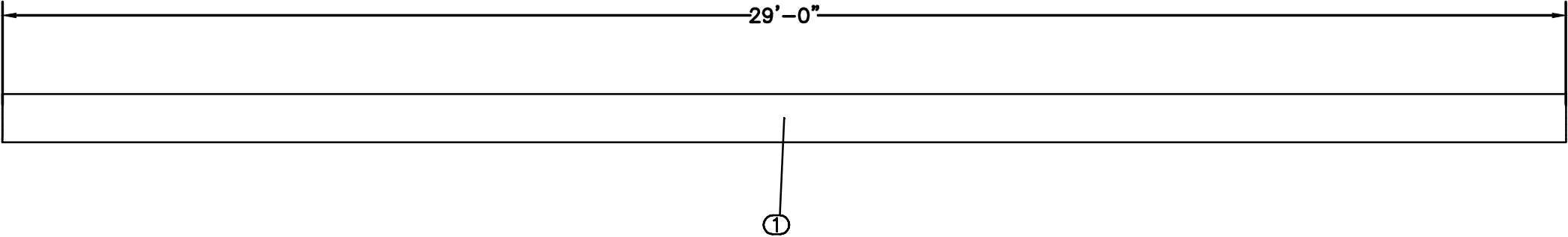
# Murphy-PFFS-SPOOL-BOM

Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	2	Style 107 EHP Pnt QuickVic Rigid Coupling					6
3	1	Std Wt SA234 WPB CS BW LR 90 Deg El					6
4	1	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	BEV	1'-0 5/16"	12.313	6
2	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	Grooved End	14'-6 5/8"	174.638	6



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	NA	MURPHY WPS#	
0							
REV	DATE	DESCRIPTION					
						DRN	CHK APP

DRN JMM	6/7/2021	WUSM RESEARCH BUILDING		
CHK		NRB		
APP		LEVEL 02 NRB RACK		
JOB NO.	210140	SERVICE NAME		
REF.DWG.		LVL02-11A RACK		
DRAWING NO./TRACKING NO.		QTY.	SHT/NO	REV
210140-LVL02-11A-02		1	1 OF 1	0



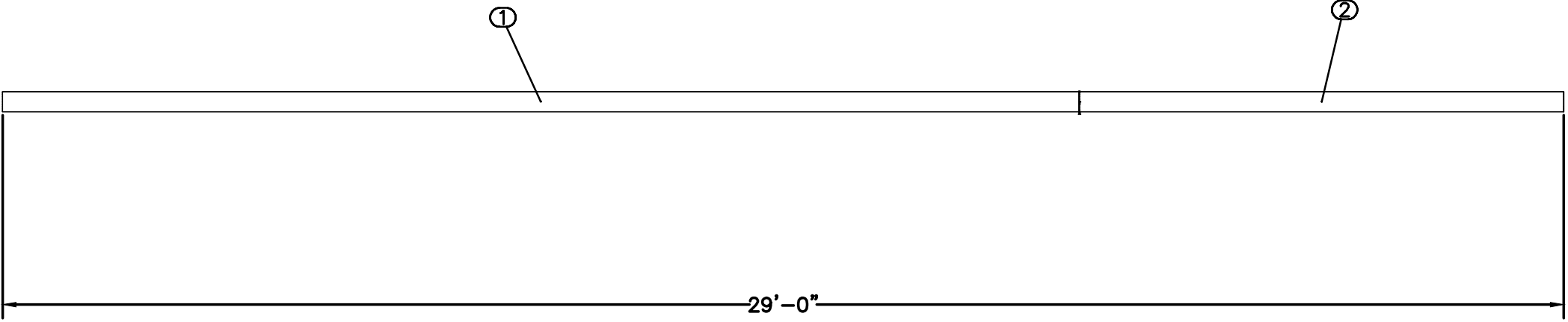
Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	29'-0"	348.000	10

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DRN JMM CHK APP JOB NO. 210140 REF.DWG. DRAWING NO./TRACKING NO. 210140-LVL02-11A-03	6/7/2021			WUSM RESEARCH BUILDING			FLANGE WEIGHT/ORIENTATION			<input type="checkbox"/>							
				NRB			FITTING ORIENTATION			<input type="checkbox"/>							
				LEVEL 02 NRB RACK			BOLTS/CPLG'S/TH'D TIGHT			<input type="checkbox"/>							
				SERVICE NAME			SPOOL IDENTIFICATION			<input type="checkbox"/>							
				QA/QC ACCEPT			SPEC. NA 0	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS					
								NA	NA	NA	NA	MURPHY WPS#					
								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	8'-11 7/8"	107.865	4

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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	NA	MURPHY WPS#
0							
REV	DATE	DESCRIPTION			DRN	CHK	APP

DRN JMM	6/7/2021	<b>WUSM RESEARCH BUILDING</b> <b>NRB</b> <b>LEVEL 02 NRB RACK</b>		
CHK				
APP				
JOB NO.	210140			
REF.DWG.		<b>SERVICE NAME</b> <b>LVL02-11A RACK</b>		
DRAWING NO./TRACKING NO.		QTY.	SHT/NO	REV
210140-LVL02-11A-04 1		1	1 OF 1	0