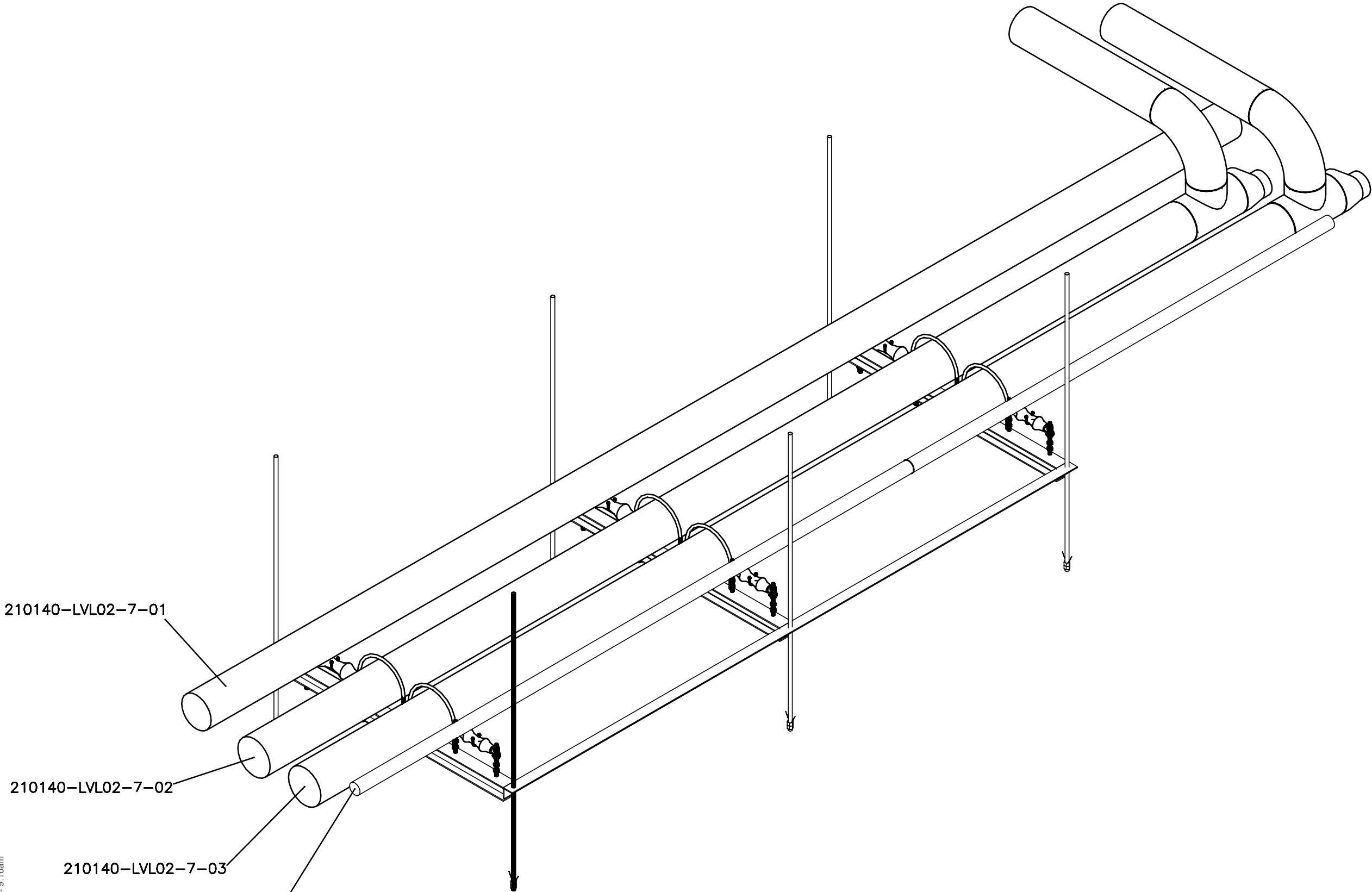
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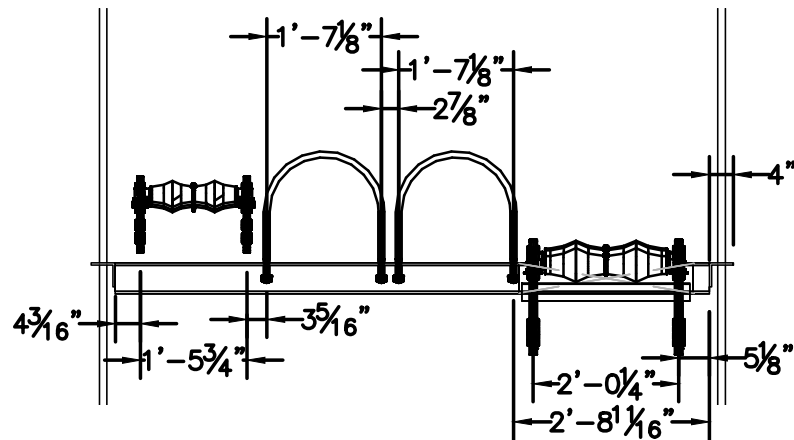


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DRN JMM		6/2/2021		WUSM RESEARCH BUILDING				QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>							
CHK				NRB								FITTING ORIENTATION				<input type="checkbox"/>							
APP				LEVEL 02 NRB RACK								BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>							
JOB NO.		210140		SERVICE NAME								SPOOL IDENTIFICATION				<input type="checkbox"/>							
REF.DWG.								SPEC.		ASME		X-RAY		HYDRO TEST		PWHT		COMMENTS					
								NA		NA		NA		NA		NA		MURPHY WPS#					
DRAWING NO./TRACKING NO. 201140-LVL02-7				QTY. 1		SHT/NO 2 of 3		REV 0		0													
										REV		DATE		DESCRIPTION				DRN		CHK		APP	



## BOM-STEEL

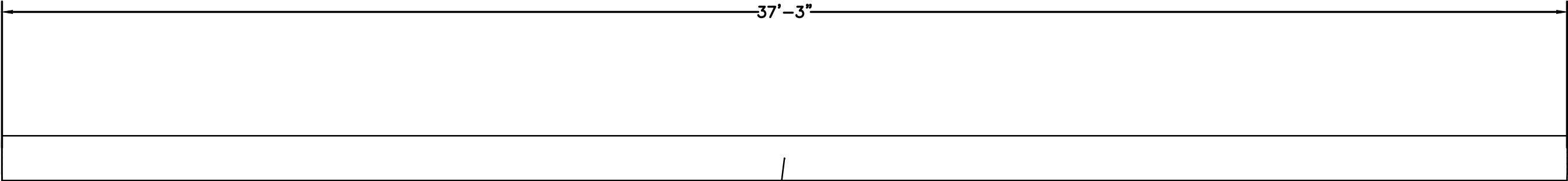
Item No	Order	Description	Qty	Size	Steel L
H1	B3122-20 PLN	B3122 Adjustable Roller Support - PLN	3	20	
H2	Fig137	Fig.137 U-Bolt (4)-Nut Black	6	18	
H3	B3122-14 PLN	B3122 Adjustable Roller Support - PLN	3	14	
S1	W5x19	ASTM A36 CS Wide Flange	3	W5x19	99°
S2	L4x4x3/8	ASTM A36 CS Equal Angle	2	L4x4x3/8	245°
S3		ASTM A36 CS Plate 1/4" Thick	3	5x29x1/4	
S4	L5x3x1/4	ASTM A36 CS Unequal Angle	3	L5x3x1/4	28°

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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		SERVICE NAME															SPOOL IDENTIFICATION				<input type="checkbox"/>						
REF.DWG.														SPEC.		ASME		X-RAY		HYDRO TEST		PWHT		COMMENTS					
														NA		NA		NA		NA		NA		MURPHY WPS#					
														0															
DRAWING NO./TRACKING NO.				QTY.				SHT/NO				REV				REV		DATE		DESCRIPTION				DRN		CHK		APP	
201140-LVL02-7				1				3 OF 3				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	37'-3"	447.000	12

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DRN JMM

6/4/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

210140-LVL02-7-01

QTY.

1

SHT/NO

1 of 1

REV

0

WUSM RESEARCH BUILDING

NRB

LVL02 RACKS

SERVICE NAME

LVL02-7 RACK

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

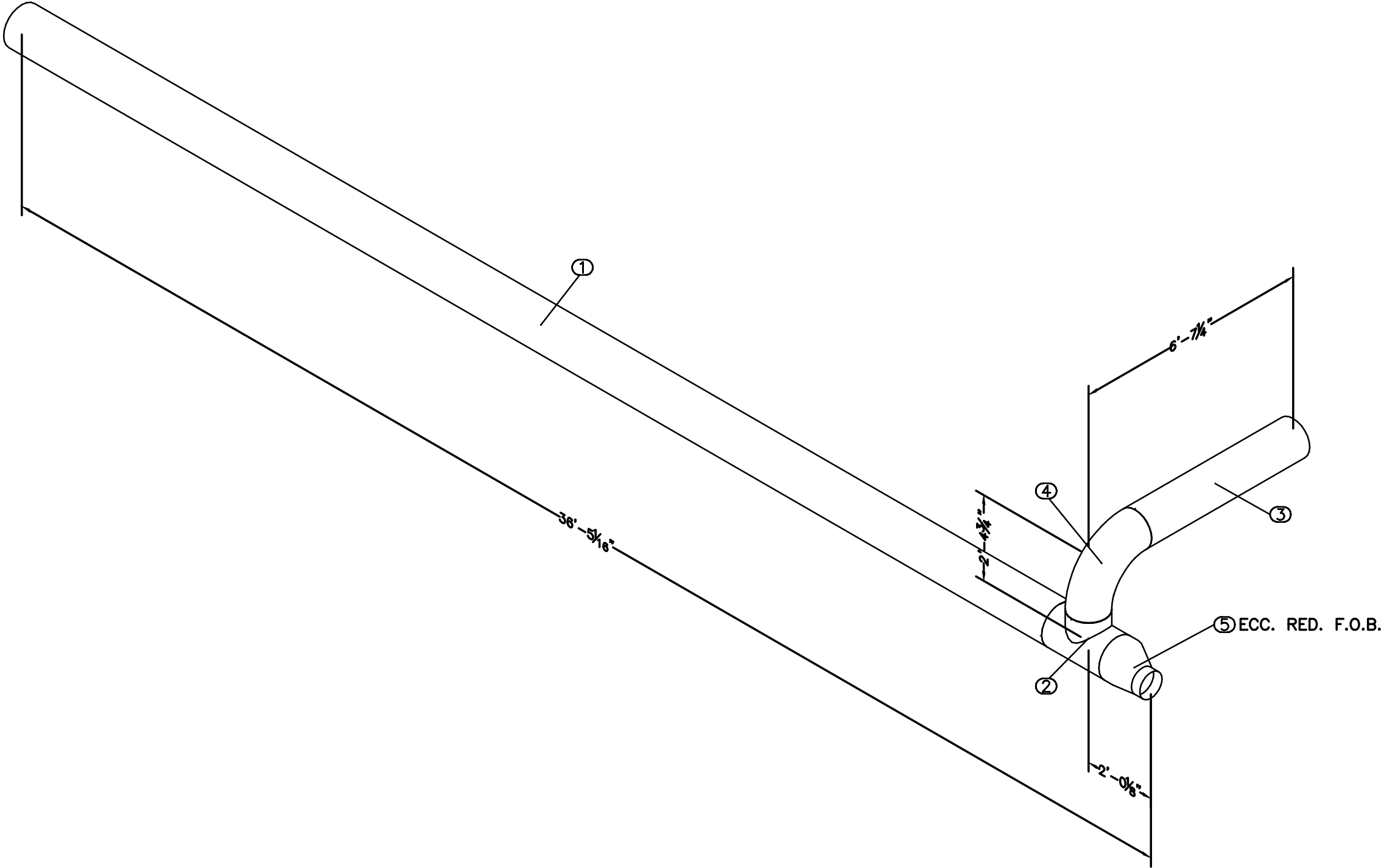
DATE

DESCRIPTION

DRN

CHK

APP



Murphy–PFFS–SPOOL–BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
2	1	Std Wt SA234 WPB CS BW RED TEE					14x12
5	1	Std Wt SA234 WPB CS BW ECC RED					14x8
4	1	Std Wt SA234 WPB CS BW LR 90 Deg El					12
3	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	5'-1 1/8"	61.113	12
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	33'-5 13/16"	401.813	14

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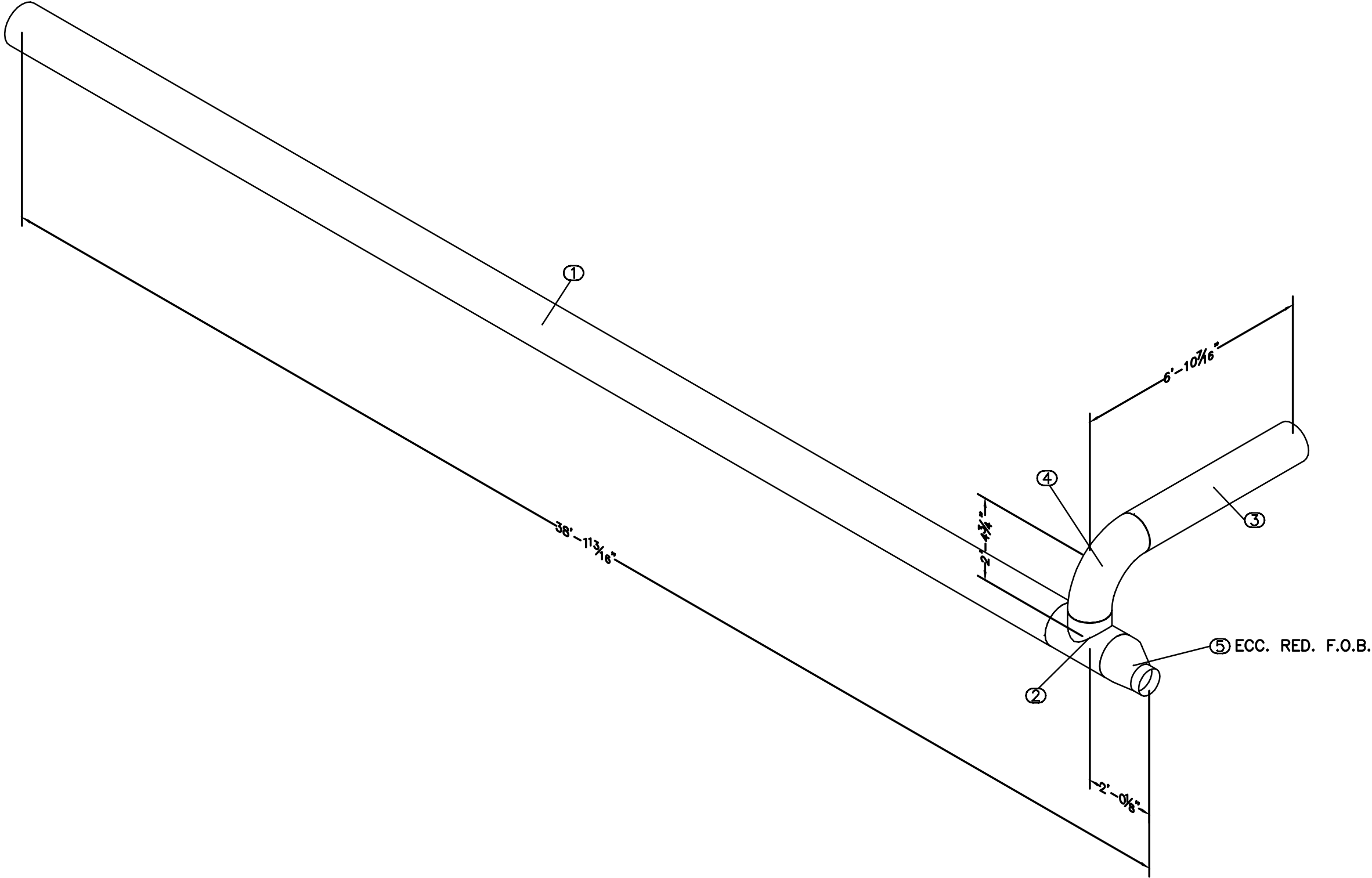
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<input type="checkbox"/>	FLANGE WEIGHT/ORIENTATION
<input type="checkbox"/>	FITTING ORIENTATION
<input type="checkbox"/>	BOLTS/CPLG'S/TH'D TIGHT
<input type="checkbox"/>	SPOOL IDENTIFICATION

QA/QC ACCEPT	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
	NA	NA	NA	NA	MURPHY WPS#

0	REV	DATE	DESCRIPTION	DRN	CHK	APP

DRN JMM	6/4/2021	WUSM RESEARCH BUILDING	
CHK		NRB	
APP		LVL02 RACKS	
JOB NO.	210140	SERVICE NAME	
REF.DWG.		LVL02-7 RACK	
DRAWING NO./TRACKING NO.	QTY.	SHT/NO	REV
210140-LVL02-7-02	1	1 of 1	0



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
2	1	Std Wt SA234 WPB CS BW RED TEE					14x12
5	1	Std Wt SA234 WPB CS BW ECC RED					14x8
4	1	Std Wt SA234 WPB CS BW LR 90 Deg El					12
3	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	5'-4 5/16"	64.322	12
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	35'-2 9/16"	422.563	14

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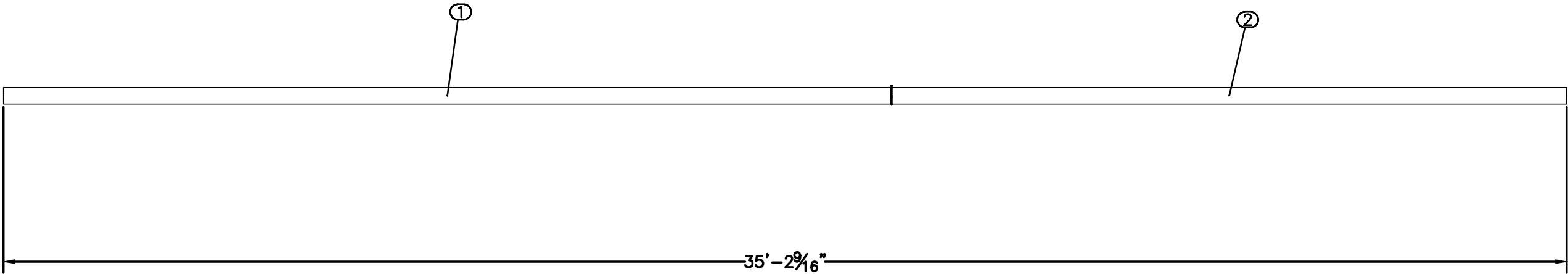
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<input type="checkbox"/>	FLANGE WEIGHT/ORIENTATION
<input type="checkbox"/>	FITTING ORIENTATION
<input type="checkbox"/>	BOLTS/CPLG'S/TH'D TIGHT
<input type="checkbox"/>	SPOOL IDENTIFICATION

QA/QC ACCEPT			
SPEC.	ASME	X-RAY	HYDRO TEST
NA	NA	NA	NA
0			
REV	DATE	DESCRIPTION	

COMMENTS	
PWHT	MURPHY WPS#
NA	
DRN	CHK
APP	

DRN JMM	6/4/2021	WUSM RESEARCH BUILDING			
CHK		NRB			
APP		LVL02 RACKS			
JOB NO.	210140	SERVICE NAME			
REF.DWG.		LVL02-7 RACK			
DRAWING NO./TRACKING NO.	210140-LVL02-7-03	QTY.	SHT/NO	REV	
		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	15'-2 7/16"	182.429	4

DRN JMM		6/4/2021		WUSM RESEARCH BUILDING			
CHK				NRB			
APP				LVLO2 RACKS			
JOB NO.		210140		SERVICE NAME			
REF.DWG.				LVLO2-7 RACK			
DRAWING NO./TRACKING NO.		QTY.		SHT/NO		REV	
210140-LVLO2-7-04		1		1		0	
210140		1		1 of 1		0	

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



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