

**MURPHY**  
PRICE 2007

CONSTRUCTORS • ENGINEERS    MECHANICAL • INDUSTRIAL

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

DRN JMM		5/24/2021	WUSM RESEARCH BUILDING				QA/QC ACCEPT										FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>											
CHK																	FITTING ORIENTATION				<input type="checkbox"/>											
APP																	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#					
																	1		7/13/21		ADD GUIDE TO FAB						JMM					
																	REV		DATE		DESCRIPTION				DRN		CHK		APP			
DRAWING NO./TRACKING NO.			QTY.				SHT/NO				REV																					
201140-LVL02-1			1				1 OF 3				1																					

210140-LVL02-1-01

210140-LVL02-1-02

210140-LVL02-1-03

210140-LVL02-1-04

ANVIL SLIDE ASSEMBLY FIG. 439  
12" TYPE 3

1

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CHK		NRB								<input type="checkbox"/> FITTING ORIENTATION				
APP		LEVEL 02 NRB RACK								<input type="checkbox"/> BOLTS/CPLG'S/TH'D TIGHT				
JOB NO.	210140	SERVICE NAME								<input type="checkbox"/> SPOOL IDENTIFICATION				
REF.DWG.														
DRAWING NO./TRACKING NO.		QTY.	SHT/NO	REV	SPEC.				ASME	X-RAY	HYDRO TEST	PMHT	COMMENTS	
201140-LVL02-1		1	2 OF 3	1	NA	NA	NA	NA	NA	NA	NA	MURPHY WPS#		
					1	7/13/21	ADD GUIDE TO FAB		JMM		DRN			
					REV	DATE	DESCRIPTION		CHK		APP			



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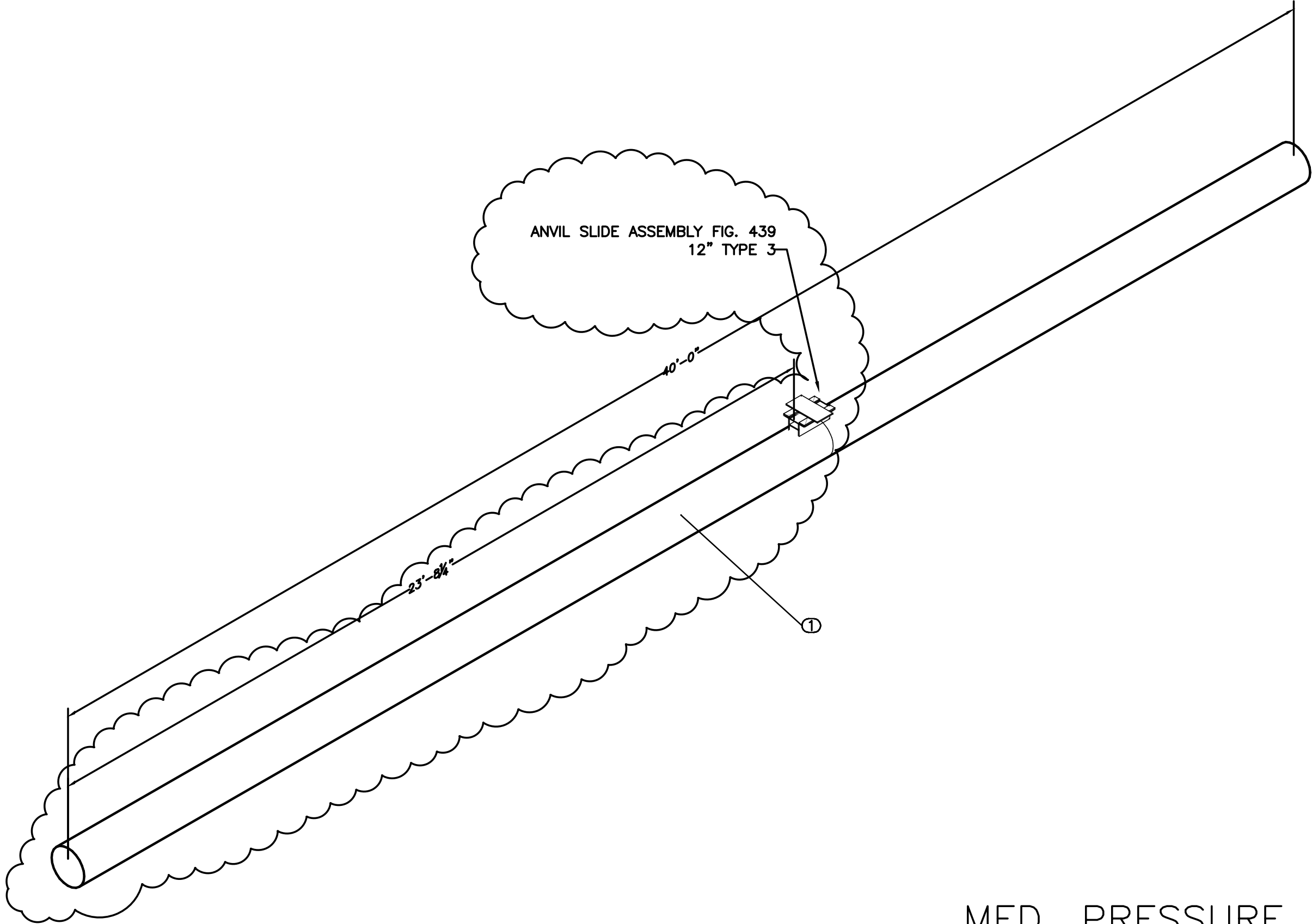
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										BOLTS/CPLG'S/TH'D TIGHT	<input type="checkbox"/>
										SPOOL IDENTIFICATION	<input type="checkbox"/>
SPEC.		ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS					
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REV	DATE	DESCRIPTION				DRN	CHK	APP			

DRN JMM	5/24/2021	WUSM RESEARCH BUILDING			
CHK		NRB			
APP		LEVEL 02 NRB RACK			
JOB NO.	210140	SERVICE NAME			
REF.DWG.					
DRAWING NO./TRACKING NO.		QTY.	SHT/NO	REV	
201140-LVL02-1		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	40'-0"	480.000	12

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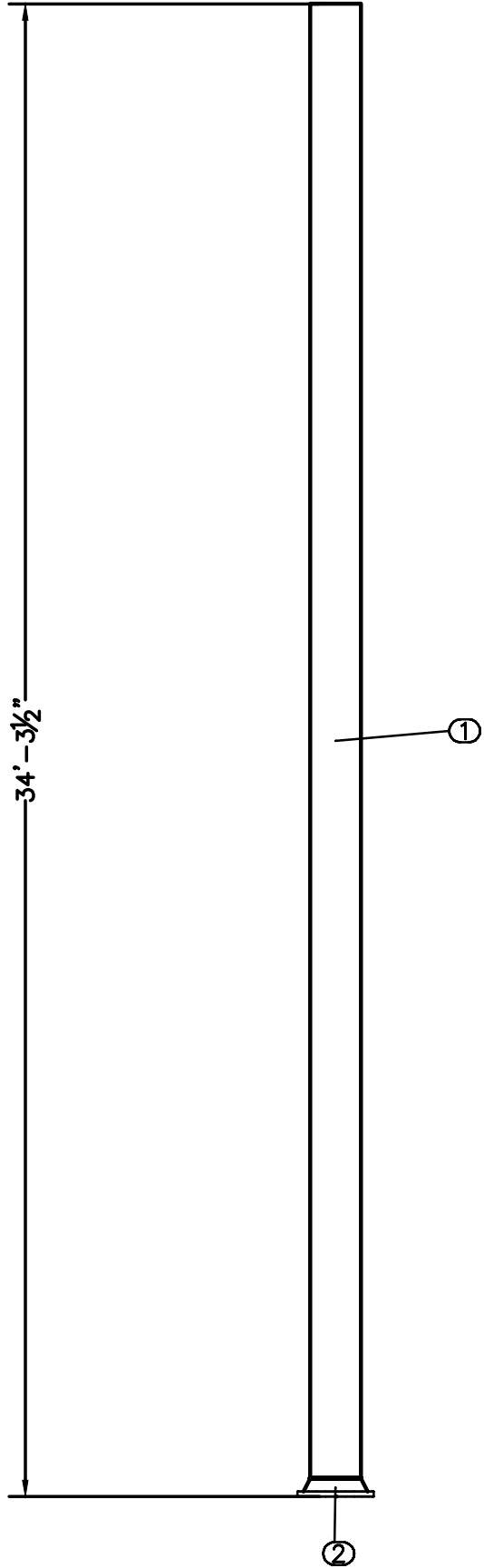
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<input type="checkbox"/>	FLANGE WEIGHT/ORIENTATION
<input type="checkbox"/>	FITTING ORIENTATION
<input type="checkbox"/>	BOLTS/CPLG'S/TH'D TIGHT
<input type="checkbox"/>	SPOOL IDENTIFICATION

QA/QC ACCEPT	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
	NA	NA	NA	NA	MURPHY WPS#
1	7/13/21	ADD GUIDE TO FAB			JMM
REV	DATE	DESCRIPTION			DRN
					CHK
					APP

DRN JMM	5/25/2021	WUSM RESEARCH BUILDING	
CHK		NRB	
APP		LVL02 RACKS	
JOB NO.	210140	SERVICE NAME	
REF.DWG.		RACK LVL02-1	
DRAWING NO./TRACKING NO.	QTY.	SHT/NO	REV
210140-LVL02-1-01	1	1 of 1	1

MED. PRESSURE STEAM



HWS

Murphy—PFFS—SPOOL—BOM						
Mark	Qty	Description	End 1	End 2	Lft	Size
2	1	150lb RF Sch 40 Bore SA105 CS WN Flg				14
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	33'-10 3/8"	14

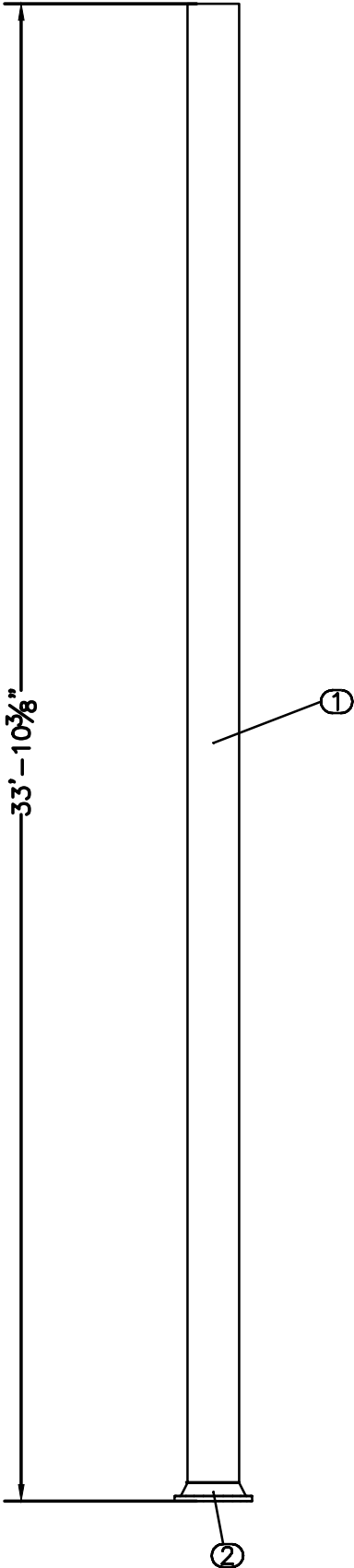
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		BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>
		SPOOL IDENTIFICATION				<input type="checkbox"/>
SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS	
NA	NA	NA	NA	NA	MURPHY WPS#	
0						
REV	DATE	DESCRIPTION		DRN	CHK	APP

DRN	JMM	5/25/2021	WUSM RESEARCH BUILDING		
CHK			NRB		
APP			LVL02 RACKS		
JOB NO.	210140	SERVICE NAME	RACK LVL02-1		
REF.DWG.					
DRAWING NO./TRACKING NO.	210140-LVL02-1-02	QTY.	1	SHT/NO	1 of 1
		REV	0		



HWR

Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
2	1	150lb RF Sch 40 Bore SA105 CS WN Flg					14
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	33'-5 1/4"	401.250	14

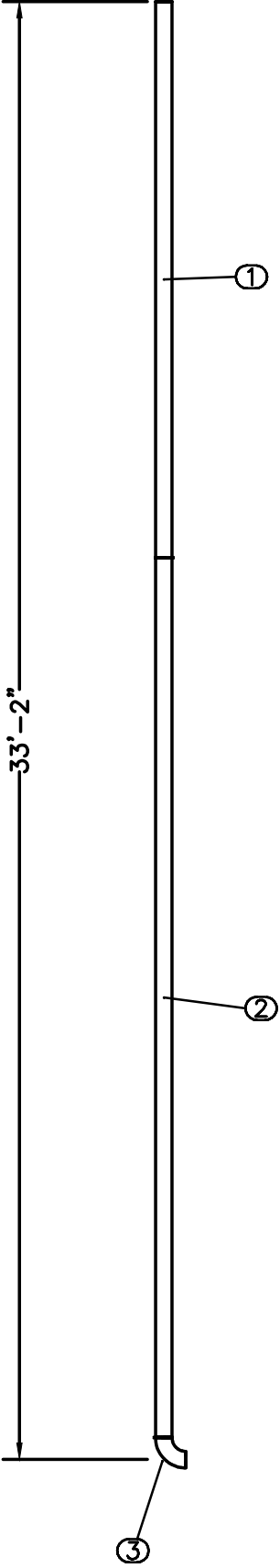
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	<input type="checkbox"/> SPOOL IDENTIFICATION					
SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS	
NA	NA	NA	NA	NA	MURPHY WPS#	
0						
REV	DATE	DESCRIPTION		DRN	CHK	APP

DRN	JMM	5/25/2021	WUSM RESEARCH BUILDING		
CHK			NRB		
APP			LVL02 RACKS		
JOB NO.	210140	SERVICE NAME	RACK LVL02-1		
REF.DWG.					
DRAWING NO./TRACKING NO.	210140-LVL02-1-03	QTY.	1	SHT/NO	1 of 1
		REV	0		



# Murphy-PFFS-SPOOL-BOM

Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
3	1	XH SA234 WPB CS BW LR 90 Deg El					4
1	1	XH SA-53B CS SMLS Pipe	BEV	BEV	12'-7 3/4"	151.733	4
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	20'-0"	240.000	4

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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	NA	MURPHY WPS#
0							
REV	DATE	DESCRIPTION					
							DRN CHK APP

DRN JMM	5/25/2021	WUSM RESEARCH BUILDING		
CHK		NRB		
APP		LVLO2 RACKS		
JOB NO.	210140	SERVICE NAME		
REF.DWG.		RACK LVLO2-1		
DRAWING NO./TRACKING NO.		QTY.	SHT/NO	REV
210140-LVLO2-1-04		1	1 of 1	0

CPD