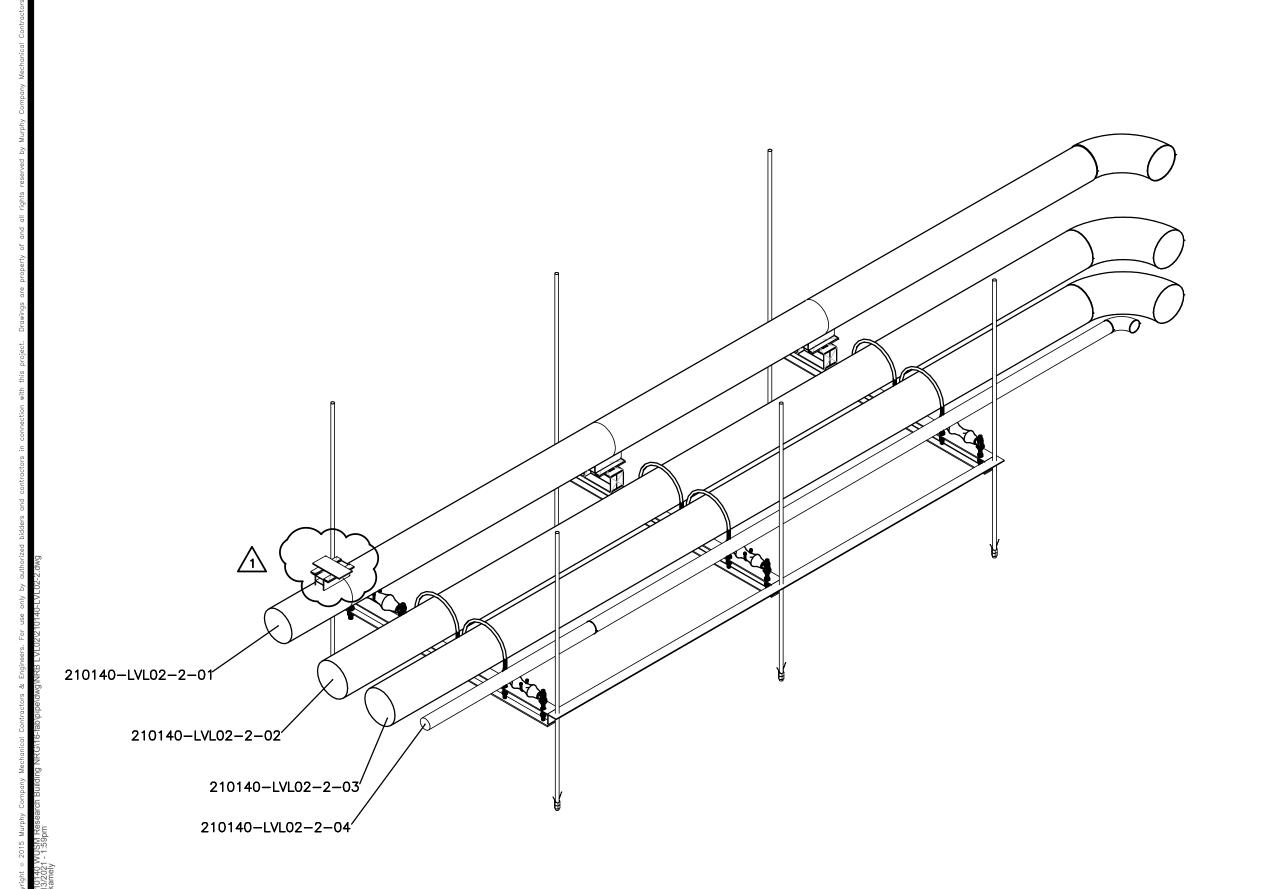


CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIA 1233 N. Price Rd.
St. Louis, M0 63132–2303
314–997–6600 phone
BIMCAD@murphy-stl.com FLANGE WEIGHT/ORIENTATION
FITTING ORIENTATION
BOLTS/CPLG'S/TH'D TIGHT
SPOOL IDENTIFICATION QA/QC ACCEPT WUSM RESEARCH BUILDING NRB LEVEL 02 NRB RACK **1** SHT/NO LEVEL SERVICE NAME <u>a</u> REF.DWG.
DRAWING NO./TRACKING NO.
201140-LVL02-5/24/2021

APP JOB NO.

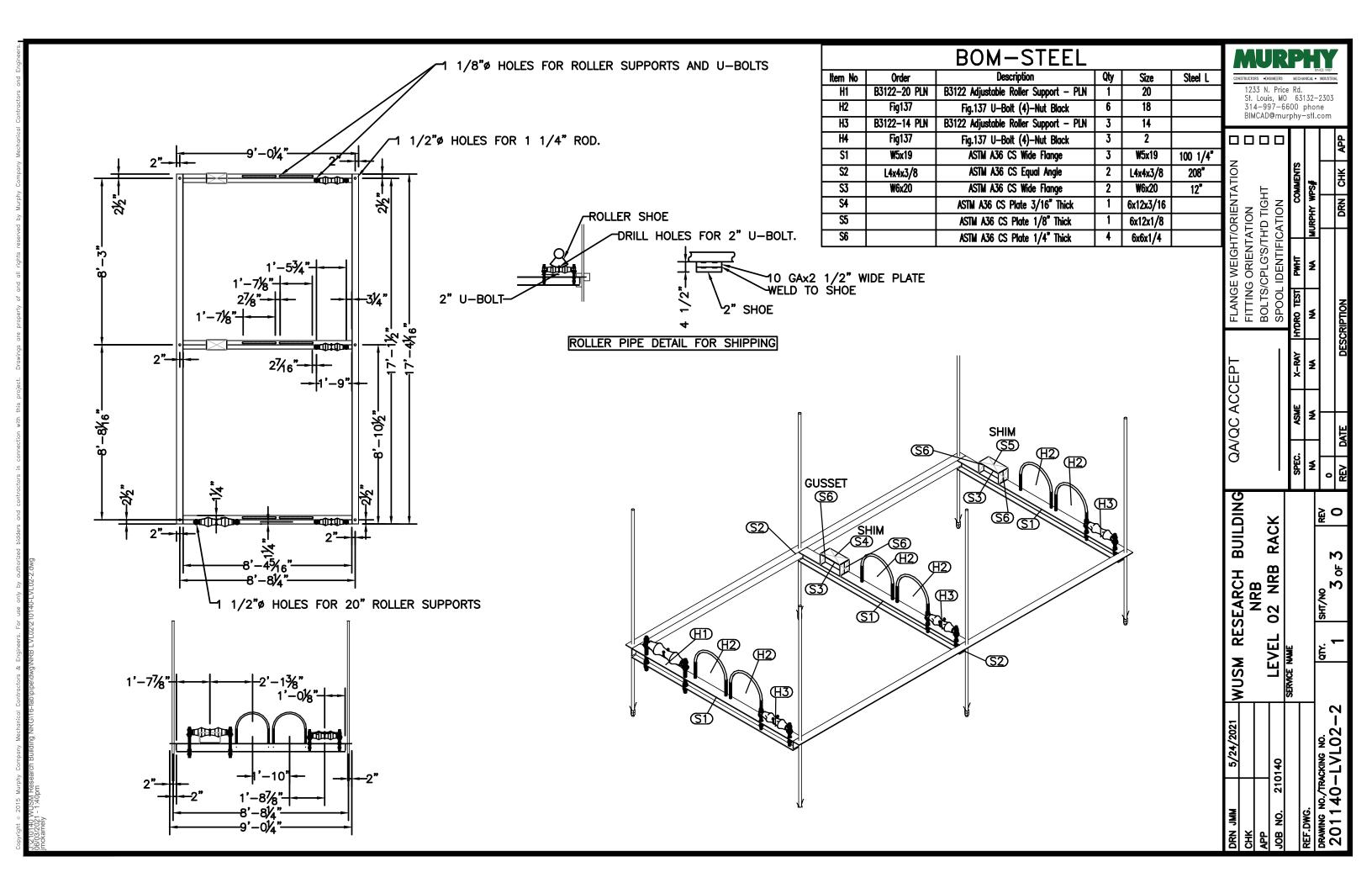


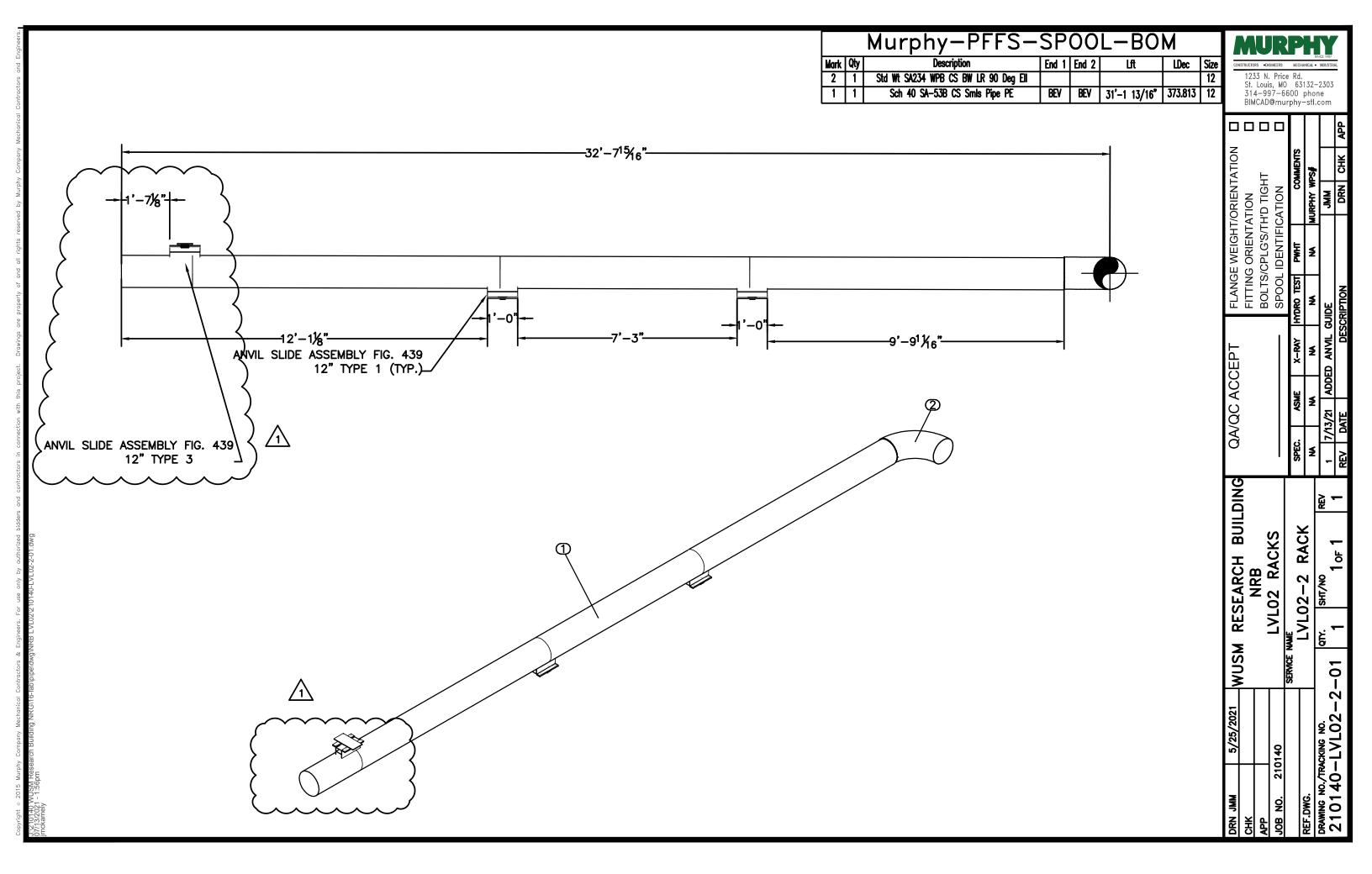
			V
U	K		

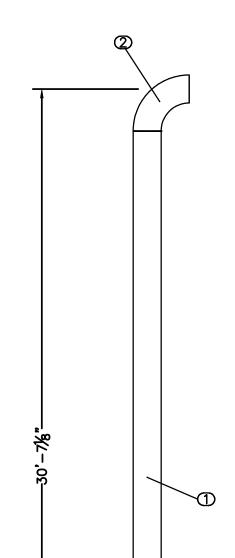
1233 N. Price St. Louis, MO 314-997-66 BIMCAD@mur	631 600 j	ohon	е

פֿב		3	)		-	-	) : ì			)
	)					<u></u>	ŇILL:	FITTING ORIENTATION	ATION	
è							30LTS,	BOLTS/CPLG'S/TH'D TIGHT	H'D TIGH	⊨
S S	 					0)	SPOOL	SPOOL IDENTIFICATION	SATION	
	SPEC.	ļ i	ASME	-	X-RAY HYDRO TEST	- <u>F</u>	RO TEST	PWHT	8	COMMENTS
	Y Y	Ĺ	₹	<del> </del>	Į.		4	N N	#SOM AHOBI IN	7
	<b>[</b>			_	•		•	•		<b>L</b>
<u>ک</u>	-	7/13	12/51	ADDED	7/13/21 ADDED ANVIL GUIDE	GUIDE			MMC	
_	REV	DATE	TE		B	DESCRIPTION	NOIL		DRN	DRN CHK

NUSM RESEARCH BUILDING NRB LEVEL 02 NRB RACK SERNCE NAME  1 2 of 3 1	LEVE SERVICE NAME
--	-------------------





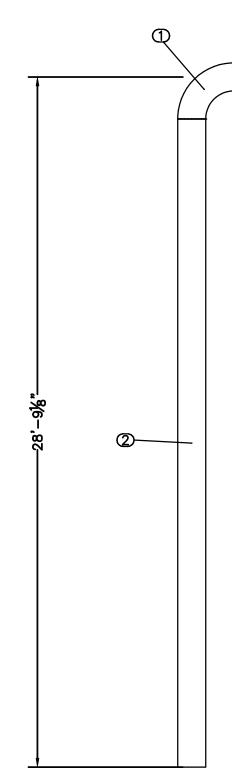


		Murphy-PFFS-S	PO	OL-	-B0	М	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
2	1	Std Wt SA234 WPB CS BW LR 90 Deg Ell					14
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	28'-10"	346.000	14

CONSTRUCTORS - EMGINEERS MECHANICAL - INGUSTRIAL

1233 N. Price Rd.
St. Louis, MO 63132-2303
314-997-6600 phone

/25/2021	N N		25/2021 WIICH DESEABLE BIII DING	CN	QAC	QA/QC ACCEPT	EPT	FLANGE	<b>E WEIGHT</b>	FLANGE WEIGHT/ORIENTATION	_ _	
	ה ה ב	1 2 5	באוליו שטור					FITTING	FITTING ORIENTATION	TION		SI BIN
			אאמ					BOLTS/	CPLG'S/T	BOLTS/CPLG'S/TH'D TIGHT		4-99 (CAD
0		LVL0;	.02 RACKS					SPOOL	SPOOL IDENTIFICATION	ATION		9/-t @mi
	SERVICE NAME	NAME			Jac	ACME	Y-DAY	TUMO TEST DAMES	THMO	COMMENTS		urph
		ເ 	COLO BACK									y -
		וֹבְא רְבְּ רא	NOWN 7 70		¥	¥	¥	¥	¥	MURPHY WPS#		ohc -stl
			24,410	,,,,		-		•		#		
	c	E	SHI/NO	ر کو (								e om
<b>VLUZ-Z-UZ</b>	70-	_	l of l	ر ا	REV DATE	E	DES	DESCRIPTION		DRN CHK APP	APP	



		Murphy-PFFS-SI	200	)L-	-BO	М	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA234 WPB CS BW LR 90 Deg EII					14

BEV BEV 27'-0" 324.000 14

Std Wt SA-53B CS ERW Pipe PE

/ , ' , \ U	
	SINCE 1007

CONSTRUCTORS \*-NGINEERS MECHANICAL \*- INDUSTRIAL

1233 N. Price Rd.

\$t. Louis, MO 63132-2303

314-997-6600 phone

DRN JMM	5/25/2021  WIICM DECEA	N IST	N DESE	SNIC III a HOOV.	ONIO -	QA/QC/	QA/QC ACCEPT	FLAN	SE WEIGHT	FLANGE WEIGHT/ORIENTATION	NOI	L
CHK		֓֞֝֞֝֞֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֡֓֓֡֓֓֡֓֡֓֓֓֡֓֡֓֡֓֡֓֡	M NESE					FITTIN	FITTING ORIENTATION	ATION		BIM
APP				Ľ				BOLTS	BOLTS/CPLG'S/TH'D TIGHT	H'D TIGHT		4-99 (CAD
JOB NO. 210140	1140		LVL02	2 RACKS				SPOO	SPOOL IDENTIFICATION	SATION	_	@m
		CEDANCE MANE	MAME									ur
		SERVICE				SPEC. ASME		X-RAY HYDRO TEST PWHT	PWHT	COMMENTS	SIN	phy
REF DWG				LVL02-Z RACK		+	$\dagger$					را ا
יאבו יבויס:						<b>≨</b>	<b>≨</b>	≨	≨	MURPHY WPS#		ho stl.
DRAWING NO./TRACKING NO.	ACKING NO.		<u>의</u> .	SHT/NO	ر چ	  -					F	cor
01010	210140 1 1 1 02 2 02	20	•	T	°							n
210140-		201	_	I OF I	O	REV DATE	D	DESCRIPTION		DRNC	DRN CHK APP	_

Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	XH SA234 WPB CS BW LR 90 Deg Ell					4
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	20'-0"	240.000	4
3	1	XH SA-53B CS SMLS Pipe	BEV	BEV	6'-5"	76.997	4

		Murphy-PFFS-S	PO	OL-	-BC	M	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	XH SA234 WPB CS BW LR 90 Deg Ell					4
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	20'-0"	240.000	4
3	1	XH SA-53B CS SMLS Pipe	BEV	BEV	6'-5"	76.997	4



CONSTRUCTORS CHIGHERS MECHANICAL • INDUSTRIAL

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

7/ 202/	MINN PF	<u>т</u>		C	CACEPI ACCEPI	ACCEP!	FLANG	E WEIGH I/	FLANGE WEIGH I/ORIEN I A I I ON	_
•		<u>`</u>		<u> </u>			FITTIN	FITTING ORIENTATION	NOIL	
			אצ				BOLTS	BOLTS/CPLG'S/TH'D TIGHT	'D TIGHT	
		7	LO2 RACKS				COdy	SPOOL IDENTIFICATION	MOITA	
		2777					5			]
••	SERVICE NAME			S	SPEC. ASM	ASME   X-RAY   HYDRO TEST   PWHT	HYDRO TEST	PWHT	COMMENTS	
		<u> </u>	CO-C BACK	5		_   ~				
		֡֝֝֝֝֝֝֝֝֝֝֝֝֝֡֝֝֝֝֡֝	1041 2 2C	2	- AN	NA.	Ą	AN N	NA MURPHY WPS#	
							:			
	3		_	KEV 0						
.02-2-04	40.	_	- - -	O FE	REV DATE	DES	DESCRIPTION		DRN CHK APP	APP

0		
26'-11¼"		3