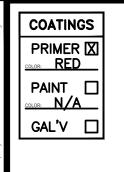
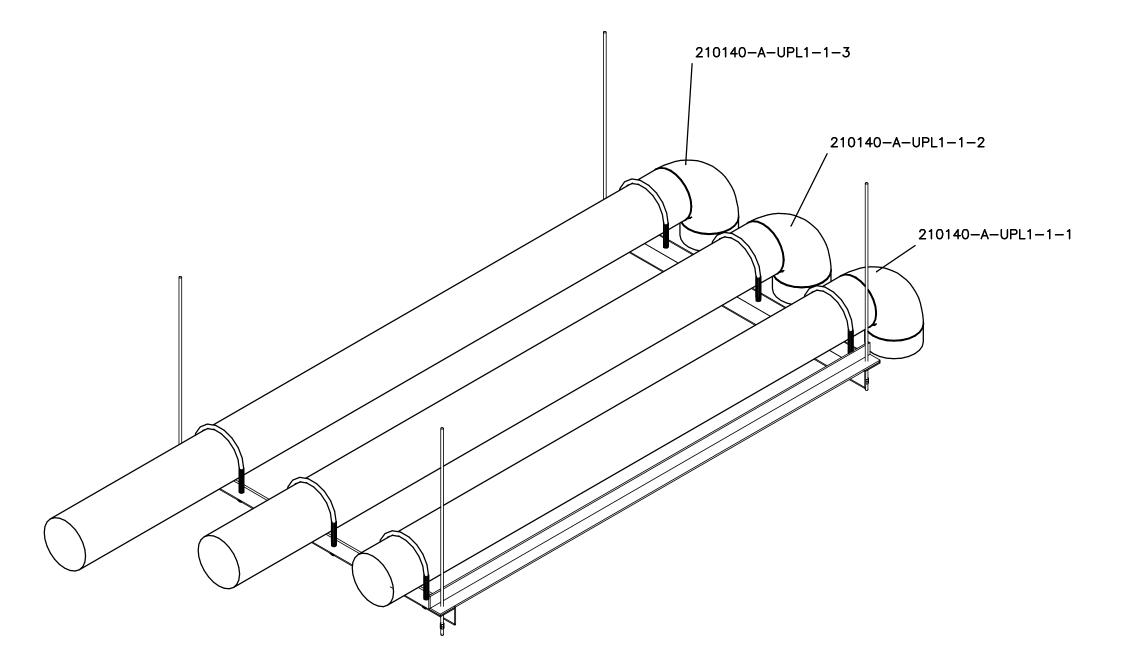
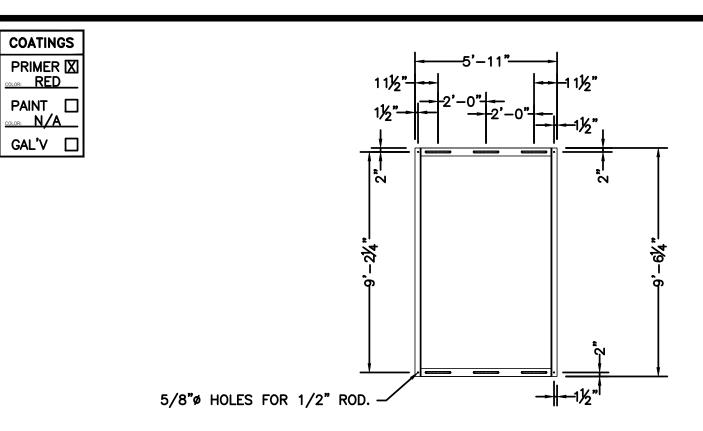


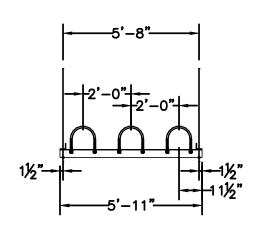
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APP		•	ב ב כ	F ,					<b>BOLTS</b>	BOLTS/CPLG'S/TH'D TIGHT	'D TIGHT			33 N. Loui
10P NO 210140	140	<u></u>	LVL01 PIPE	PIPE RACK							I CIT		E	s, 97-
300 NO. 21	2	TOWAL TOWAL							SPOOL	SPOOL IDENTIFICATION	ALION		]	rice MO -66
		SERVICE NAME				SPEC.	ASME	X-RAY	X-RAY HYDRO TEST	PWHT	COMP	COMMENTS		Rd 6
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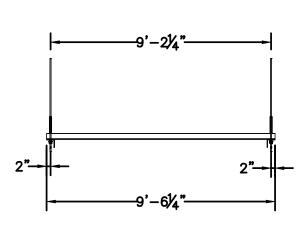




MISM	/2021 WIISM RESEARCH RIIII DING	)	QA/QC ACCEPT	CEPT	FLANG	E WEIGH	FLANGE WEIGHT/ORIENTATION		CON
		)			FITTIN	FITTING ORIENTATION	ATION		123 St. 314 BIM
<u>:</u> 	אלה לכות לכיות אלו				BOLTS	/CPLG'S/T	BOLTS/CPLG'S/TH'D TIGHT		3 N. Louis 1–99
<b>^</b>	LVLUI PIPE KACK				SPOOI	SPOOL IDENTIFICATION	CATION		17-1
SERVICE NAME								1	0 66
		SPEC.	. ASME	X-RAY	X-RAY HYDRO TEST	PWHT	COMMENTS		Rd. 63 00
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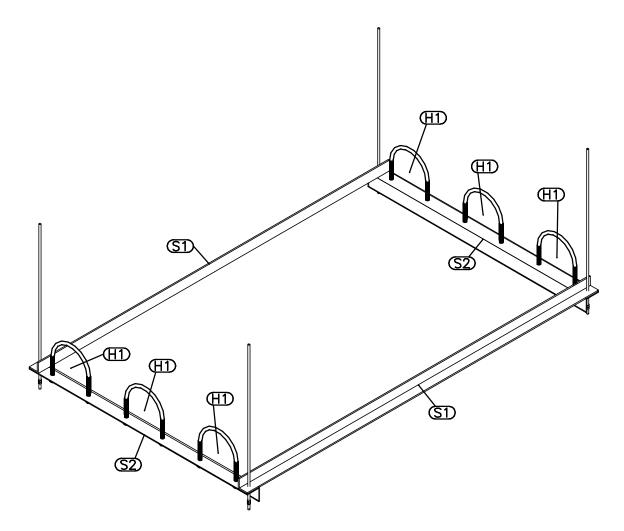
DRN JMM	3/13/2021	MISIM	3/13/2021 WIISM PECEABCH BIII DING	CN	QA/Q	QA/QC ACCEPT	PT	FLANGE	: WEIGHT/	FLANGE WEIGHT/ORIENTATION		COP
CHK			ALDE CLE		•			FITTING	FITTING ORIENTATION	NOIL		123 St. 314 BIM
APP		•	NKB CUP					BOLTS/	BOLTS/CPLG'S/TH'D TIGHT	I'D TIGHT		
10 NO 210140	0140	_	LVL01 PIPE RACK						MOIT A CIBITING OF LOCAS	NOIF		s, 1 97-
000 NO.	2	TANAL TOWNS						STOOL	IDENTIFIC	ALION	]	rice MO -66
		SERVICE IN		S	SPEC.	ASME >	(-RAY H	X-RAY HYDRO TEST	PWHT	COMMENTS		Rd 6:
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REF.DWG.				_		<b>¥</b>	<b>≨</b>	¥	<u>≥</u>	MURPHY WPS#		32
DRAWING NO./TRACKING NO.	ACKING NO.		QTY. SHT/NO	REV	L							-230 ne
210140-	210140-A-UPL1-	_	1 3 or 4	, 0	) DATE		DESC	DESCRIPTION		DRN CHK	APP	3
					1	l						

PRIMER X

COLOR: RED

PAINT 
COLOR: N/A

GAL'V



		BOM-STEI	EL		
Item No	Order	Description	Qty	Size	Steel L
H1	Fig137	Fig.137 U—Bolt (4)—Nut Black	6	10	
S1	L3x3x3/8	ASTM A36 CS Equal Angle	2	L3x3x3/8	114 1/4"
S2	L4x4x1/4	ASTM A36 CS Equal Angle	2	L4x4x1/4	71"

**MURPHY** 

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\$1. Louis, MO 63132-2303

314-997-6600 phone

BIMCAD@murphy-stl.com

	APP	DRN CHK APP		DESCRIPTION	DES	DATE	REV DATE	5	4 of 4		
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		MURPHY WPS#	NA	¥	<b>≨</b>	<b>≨</b>	₹		$\vdash$		
		COMMENTS		X-RAY HYDRO TEST PWHT	+	ASIME	SPEC.				
	]	NOIL	SPOOL IDENTIFICATION	SFUOL						ı	ı
		NOIT	CITITION							PIPE RACK	LVL01 PIPE RACK
		'D TIGHT	BOLTS/CPLG'S/TH'D TIGHT	BOLTS/							
		NOI	ITTING ORIENTATION	FITTING				)	: }		
		FLANGE WEIGHT/ORIENTATION	E WEIGHT/	FLANGE	CEPT	QA/QC ACCEPT			DING	SFARCH BUILDING	2021 WUSM RESFARCH BUILDING

		Murphy-PFFS-S	SPC	OOL	_ <b>-</b> B0	М	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA234 WPB CS BW SR 90 Deg EII					10
2	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	4"	4.000	10
3	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	10'-5 1/4"	125.250	10



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1233 N.	Price	Κd	
St. Louis	, MO	63	3132-2303
314-99	7-66	00	phone
			-stl.com
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S.R. ①	3
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3/13/2021	PNIG III B HOAVASAA MSIIM		QA/QC ACCEPT	CEPT	FLANGI	FLANGE WEIGHT/ORIENTATION	/ORIENT	NOIT		
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140					SPOOL	SPOOL IDENTIFICATION	ATION			9m
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	4	SPEC.	ASME	X-RAY	X-RAY HYDRO TEST PWHT	PWHT	<b>₹</b> 00	COMMENTS		phy
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		Murphy-PFFS-S	SPC	OOL	_ <b>_</b> B0	М	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA234 WPB CS BW SR 90 Deg Ell					10
2	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	4"	4.000	10
3	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	11'-9 1/4"	141.250	10



1233	N.	Price	Rd.	
St. Lo	uis,	MO	63	132-2303
314-	997	7-660	00	phone
BIMCA	D@	mur	ohy	-stl.com
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/13/2021 _	WISA	A RFS	WILST RESEARCH BILLING	SNC	QAVQC	QA/QC ACCEPT		FLANG	FLANGE WEIGHT/ORIENTATION	ORIENTAI	NOI	
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		Z	אלם כטר					BOLTS/	BOLTS/CPLG'S/TH'D TIGHT	I'D TIGHT		
				_			1	SPOOL	SPOOL IDENTIFICATION	ATION		
	SERVICE NAME	NAME			ŀ	-	ŀ		ŀ			Ī
			A-11PI 1-1	Š	SPEC.	ASIME X-R	<u>₩</u>	X-RAY HYDRO TEST PWHT	PWHT	COMMENTS	ENTS	
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-	12'-7¾"
S.R. ①	3
-2%"-	

Murphy-PFFS-SPOOL-B						_ <b>_</b> B0	М	
	Mark Qty Description		End 1	End 2	Lft	LDec	Size	
	2	1	Std Wt SA234 WPB CS BW SR 90 Deg Ell					10
	1	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	4"	4.000	10
	3	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	13'-1 1/4"	157.250	10



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REF.DWG.
DRAWING NO./TRACKING NO.
210140—A—UPL1—

3/13/2021

S.R.②	13'−11 <mark>¾8"</mark>	
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