

COATINGS

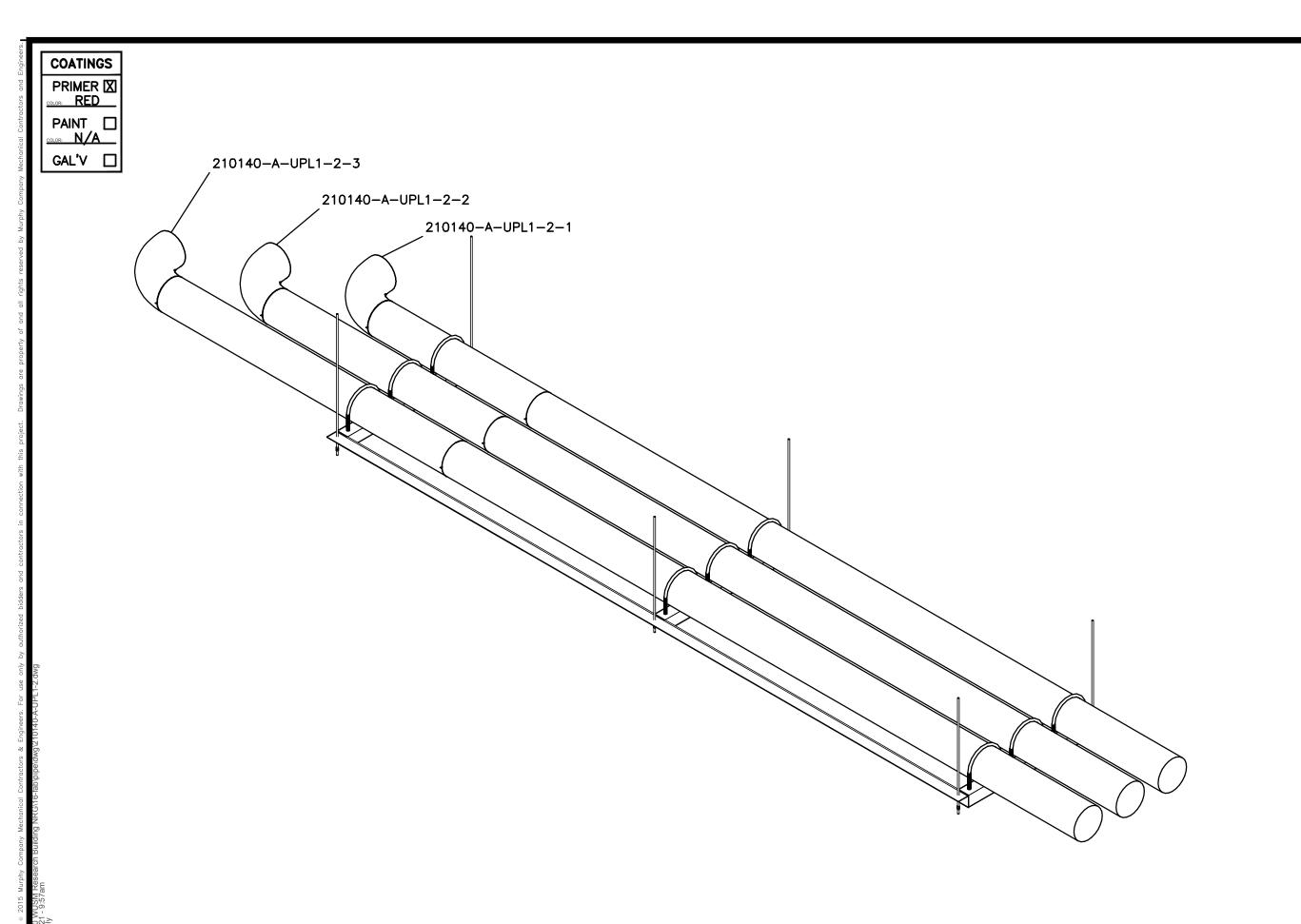
PRIMER X

PAINT 

COLOR: N/A

GAL'V □

7'-2\(\frac{6}{6}\)  -3'-2\(\frac{6}{6}\)  -7'-2\(\frac{6}{6}\)  -30'-3\(\frac{5}{6}\)	-3'-1¾6"- -1¾6"- -1,	CONSTRUCTORS STRUCTURE STATE S
30'-35/16"	-3'-15/16"- 1'-4"	DRN JMM   3/13/2021   WUSM RESEARCH BUILDING   CHK   NRB CUP   PIPE RACKS   SERNCE NAME   SERNCE NAME   SPEC.   NA DRAWING NO. 7TRACKING NO.   SPEC.   O   REV   D   PIPE RACKS   D   PIPE RACKS   O   REV   D   PIPE RACKS

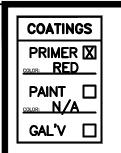


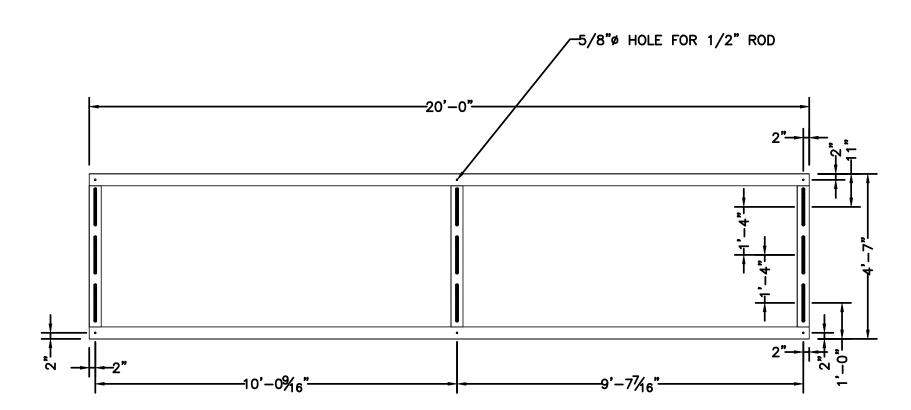
CONSTRUCTORS \*\*NGINEERS MECHANICAL \*\*NBUSTRIAL\*

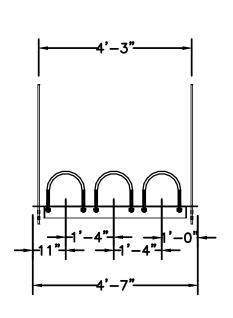
1233 N. Price Rd.
St. Louis, MO 65132–2303

314–997–6600 phone

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								APP
FLANGE WEIGHT/ORIENTATION	NO	TIGHT	NOI	COMMENTS	godin Air	IORFOT WES		DRN CHK APP
: WEIGHT/OF	FITTING ORIENTATION	BOLTS/CPLG'S/TH'D TIGHT	SPOOL IDENTIFICATION	PWHT	ť	NA MOR		
FLANGE	FITTING	BOLTS/	SPOOL	X-RAY HYDRO TEST PWHT	1	ž		DESCRIPTION
CEPT				X-RAY		Ž		DE
QA/QC ACCEPT	· ·			ASME		Ž		DATE
				SPEC		ž	°	REV
SEABCH BILL DING	LOCANCII BOILDING	•	PIPE RACKS				SHT/NO REV	2 or 4 0
IG MSII	<b>1</b> 2	•	Ъ	SERVICE NAME			<u>.</u>	1
3/13/2021  WIICM DECE				<u>ਲ</u>			CKING NO.	210140-A-UPL1-2
DRN JMM	CHK	APP	JOB NO. 210140		REF.DWG.		DRAWING NO./TRACKING NO.	210140-







DRN JMM	3/13/2021	WICH		3/13/2021 WIICM DECEADOU DIIII	ONIO II	QA	JA/OC ACCEPT	EPT	FLANG	E WEIGH	FLANGE WEIGHT/ORIENTATION	NO		co
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APP			<b>-</b> !	NKB COP					BOLTS	/CPLG'S/T	BOLTS/CPLG'S/TH'D TIGHT	Ш	(CAD	33 N. Loui 4-99
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		SERVICE INMIE				SPEC.	ASME	X-RAY	X-RAY HYDRO TEST	THWG	COMMENTS	SIN	phy	Rd 6
One Line													/ <del>-</del>	l. 31
KET.UWG.						¥	¥	¥	¥	¥	MURPHY WPS#		·stl	oho
DRAWING NO./TRACKING NO.	SACKING NO.		QTY.	SHT/NC	REV	0							.com	-2303
210140-	Z10140-A-0PL1-Z	-7	-	5 or 4	0	REV D	DATE	DES	DESCRIPTION		DRN CHK	IK APP	۵	_

PRIMER 
COLOR RED
PAINT 
COLOR N/A
GAL'V

		BOM-STEE	:L		
Item No	Order	Description	Qty	Size	Steel L
H1	Fig137	Fig.137 U—Bolt (4)—Nut Black	9	10	
S1	L4x4x1/4	ASTM A36 CS Equal Angle	3	L4x4x1/4	47"
S2	L4x4x1/4	ASTM A36 CS Equal Angle	2	L4x4x1/4	240"



CONSTRUCTORS CHARMERS MECHANICAL MIDUSTRIAL

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BIMCAD@murphy-stl.com

	WUSI	꽃스림	SEARCH BUILDING ARB CUP PE RACKS	OING	QA	QA/QC ACCEPT	SEPT	FLANG FITTING BOLTS, SPOOL	FLANGE WEIGHT/ORIENTATION FITTING ORIENTATION BOLTS/CPLG'S/TH'D TIGHT SPOOL IDENTIFICATION	'ORIENTA ATION H'D TIGHI SATION	ATION	
	SERVICE NAM	NAME		Ĺ	SPEC.	ASME	ASME X-RAY HYDRO TEST PWHT	HYDRO TEST	PWHT	S	COMMENTS	
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	N	urphy-PFFS-	SPOOL	_B0	М	MUR	PH	Y
	Mark Qty	Description	End 1 End 2		LDec Size	CONSTRUCTORS •ENGINEERS	MECHANICAL • IN	NDUSTRIAL
	1 1 2 1	Std Wt SA234 WPB CS BW LR 90 Deg Ell Sch 40 SA-53B CS Smls Pipe PE	BEV BEV	5'-0 1/16"		1233 N. Pric St. Louis, MC 314-997-6 BIMCAD@mu	63132-2 600 phone	303 ∍
	3 1	Sch 40 SA-53B CS Smls Pipe PE	BEV BEV	20'-0"	240.000 10			-
								APP
						ATIO T	MMENT	芳
						SIENT ON TIGH	S F	DRN
						FLANGE WEIGHT/ORIENTATION FITTING ORIENTATION BOLTS/CPLG'S/TH'D TIGHT SPOOL IDENTIFICATION	MUR	+
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						JGE V ING C IS/CF OL ID	<u>8</u>	
						FLAN FITTI BOL1 SPO(	Ro Fe TE	MOLLA
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						RESEARCH IN NRB CUP	ੁ⊣୮	
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26' 35' "						┡╇┼┼┼	<b>"</b>	1-2
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						3/13		A – [
						3/.		<u>}</u>
						NO.	WG.	210140-A-UPL1-2-1
						DRN JMM CHK APP JOB NO.	REF.D	21(

		Murphy-PFFS-S	SPC	OOL	_B0	М	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA234 WPB CS BW LR 90 Deg EII					10
2	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	7'-0 1/16"	84.089	10
3	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	20'-0"	240.000	10



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

	RIM	CAD	9mur	pny-	-511.0	com	
							APP
<b>IENTATION</b>		<u></u>		COMMENTS	₽S∯		CHK
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]					NITTIN	FITTING ORIENTATION	TION	
					BOLTS	BOLTS/CPLG'S/TH'D TIGHT	'D TIGH	<b>-</b>
					SPOOL	SPOOL IDENTIFICATION	ATION	
		CDEC	H	H	THING TEST COOK! AND Y	TriMO	18	
		STEC.	ASME		ובשו טאטוח	LAMLI	3	COMMEN
		¥	2	W W	¥	NA NA	MURPHY WPS#	#5
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	<u>ک</u> (	0						
	<b>)</b>	ספיי האדב	DATE	_	NCECEDIATION		NAC	CHK

QA	
RESEARCH BUILDING NRB CUP	

-WUSM

3/13/2021

SERVICE NAME
UPL1-2 RACK

ODTY. SHT/NO 1 or 1

-2-2

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

3 2 -28'-*3*5⁄<sub>16</sub>"-

		Murphy-PFFS-S	SPC	OL	_ <b>_</b> B0	М	
Mar	k Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA234 WPB CS BW LR 90 Deg Ell					10
2	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	9'-0 1/16"	108.089	10
3	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	20'-0"	240.000	10



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- '	WUSM RE	RESEARCH BUILDING		QA/QC ACCEPT	CEPT	FLANGE WI	FLANGE WEIGHT/ORIENTATION	□ N
	· : ) ) :		)			FITTING ORIENTATION	IENTATION	
						BOLTS/CPL	BOLTS/CPLG'S/TH'D TIGHT	
						SPOOL IDE	SPOOL IDENTIFICATION	
	SFRVICE NAME							
		2010	SPEC.	ASME	X-RAY	SPEC. ASME X-RAY HYDRO TEST PWHT	T COMMENTS	TS
	_	PLI-Z KACK						
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3/13/2021

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

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