

COATINGS

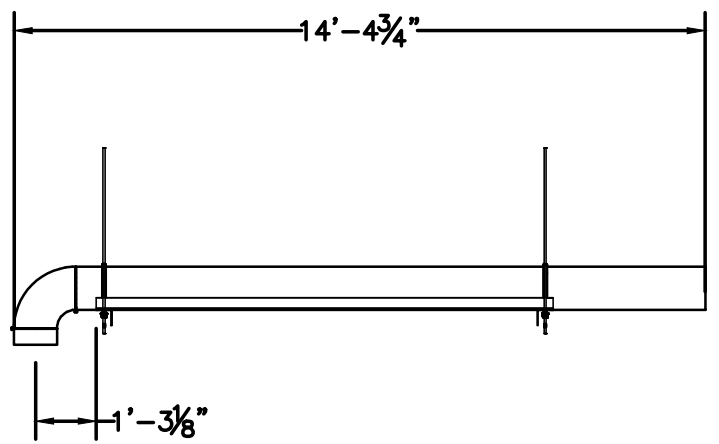
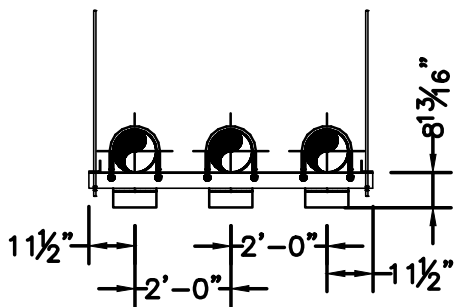
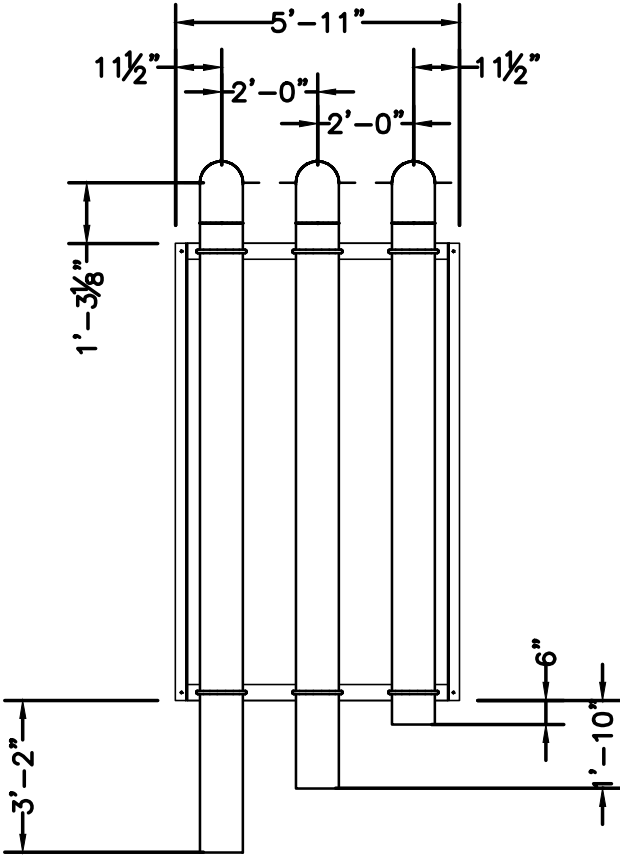
PRIMER ☒

COLOR: RED

PAINT ☐

COLOR: N/A

GAL'V ☐



DRN JMM	3/13/2021	WUSM RESEARCH BUILDING				QA/QC ACCEPT		FLANGE WEIGHT/ORIENTATION			
CHK		NRB CUP						FITTING ORIENTATION			
APP		LVLO1 PIPE RACK						BOLTS/CPLG'S/TH'D TIGHT			
JOB NO.	210140	SERVICE NAME						SPOOL IDENTIFICATION			
REF.DWG.						SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
DRAWING NO./TRACKING NO.		QTY.		SHT/NO	REV	NA	NA	NA	NA	NA	MURPHY WPS#
210140-A-UPL1-1		1	1	1 OF 4	0	0					
		DESCRIPTION		DRN	CHK	APP					

MURPHY

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314-997-6600 phone  
BIMCAD@murphy-stl.com

COATINGS

PRIMER

☒

COLOR:

RED

PAIN

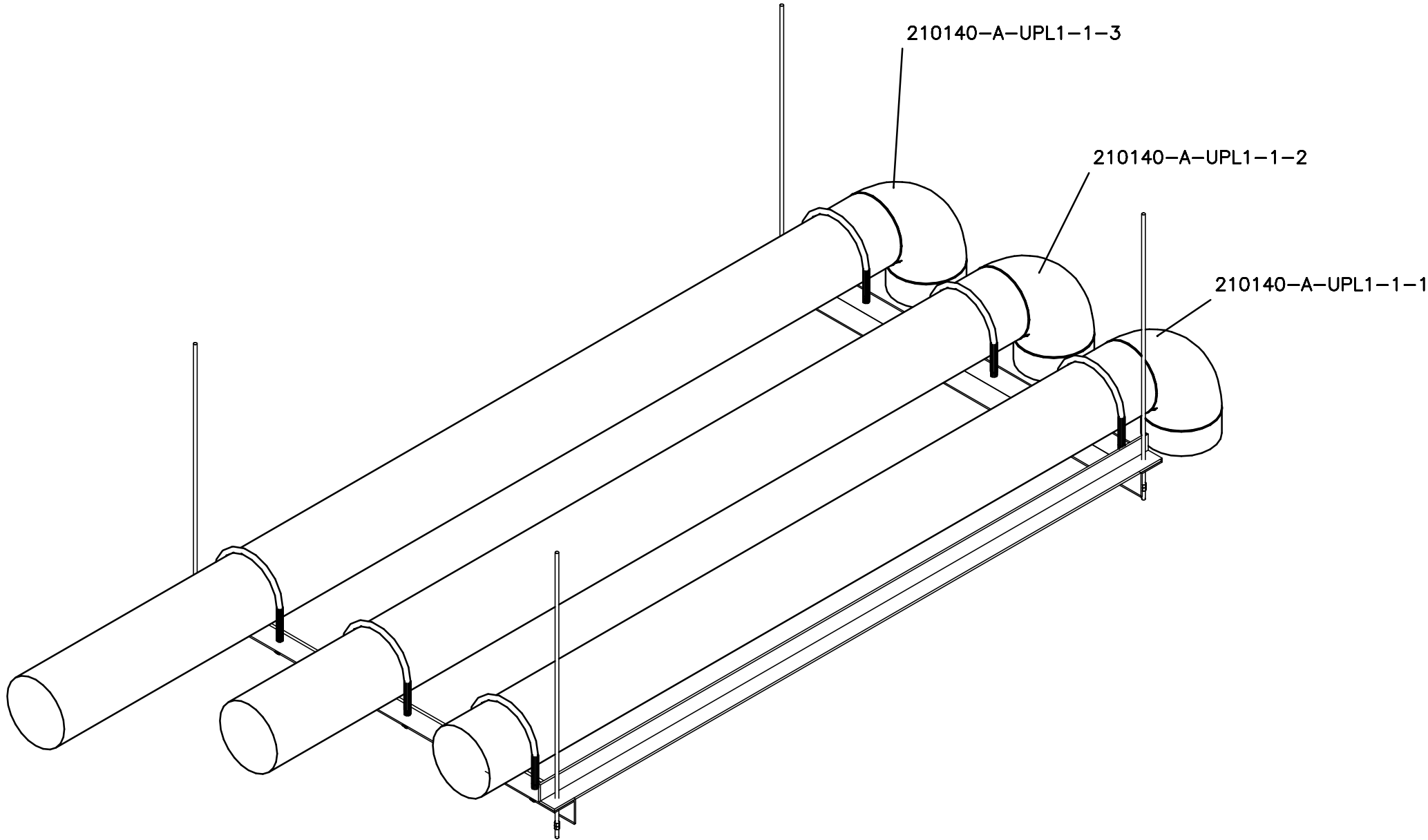
☐

COLOR:

N/A

GAL'V

☐



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DRN JMM		3/13/2021		WUSM RESEARCH BUILDING					QA/QC ACCEPT					FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>					
CHK				NRB CUP										FITTING ORIENTATION				<input type="checkbox"/>					
APP				LVLO1 PIPE RACK									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#				
DRAWING NO./TRACKING NO.				QTY.					SHT/NO		REV		0										
210140-A-UPL1-1				1					2 of 4		0												
									REV		DATE		DESCRIPTION					DRN		CHK		APP	

COATINGS

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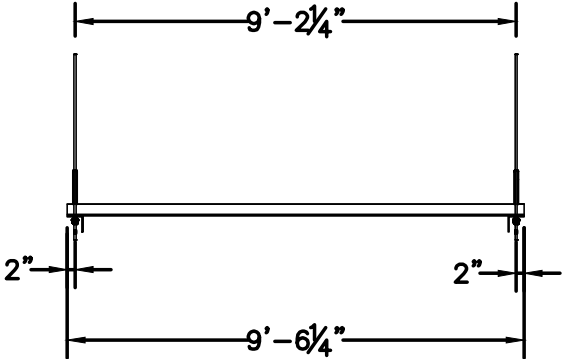
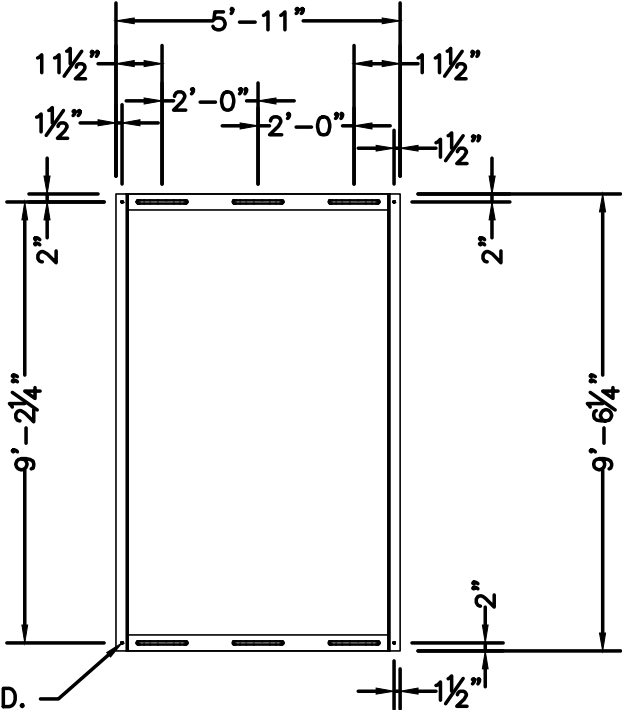
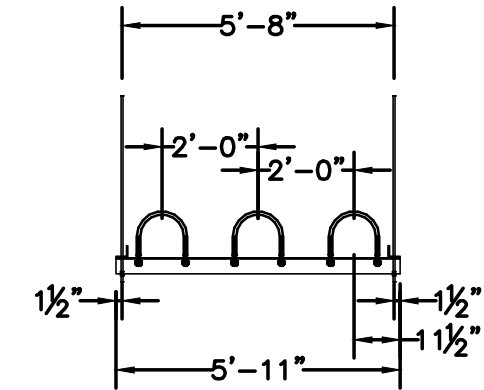
COLOR:

N/A

GAL'V

☐

5/8"Ø HOLES FOR 1/2" ROD.



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DRN JMM	3/13/2021	WUSM RESEARCH BUILDING				QA/QC ACCEPT				<input type="checkbox"/> FLANGE WEIGHT/ORIENTATION			
CHK		NRB CUP								<input type="checkbox"/> FITTING ORIENTATION			
APP		LVLO1 PIPE 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		HYDRO TEST		PWHT		COMMENTS			
210140-A-UPL1-1		1		3 OF 4		1		NA		MURPHY WPS#			
						REV		DATE		DRN			
						0				APP			

COATINGS

PRIMER

☒

COLOR:

RED

PAIN

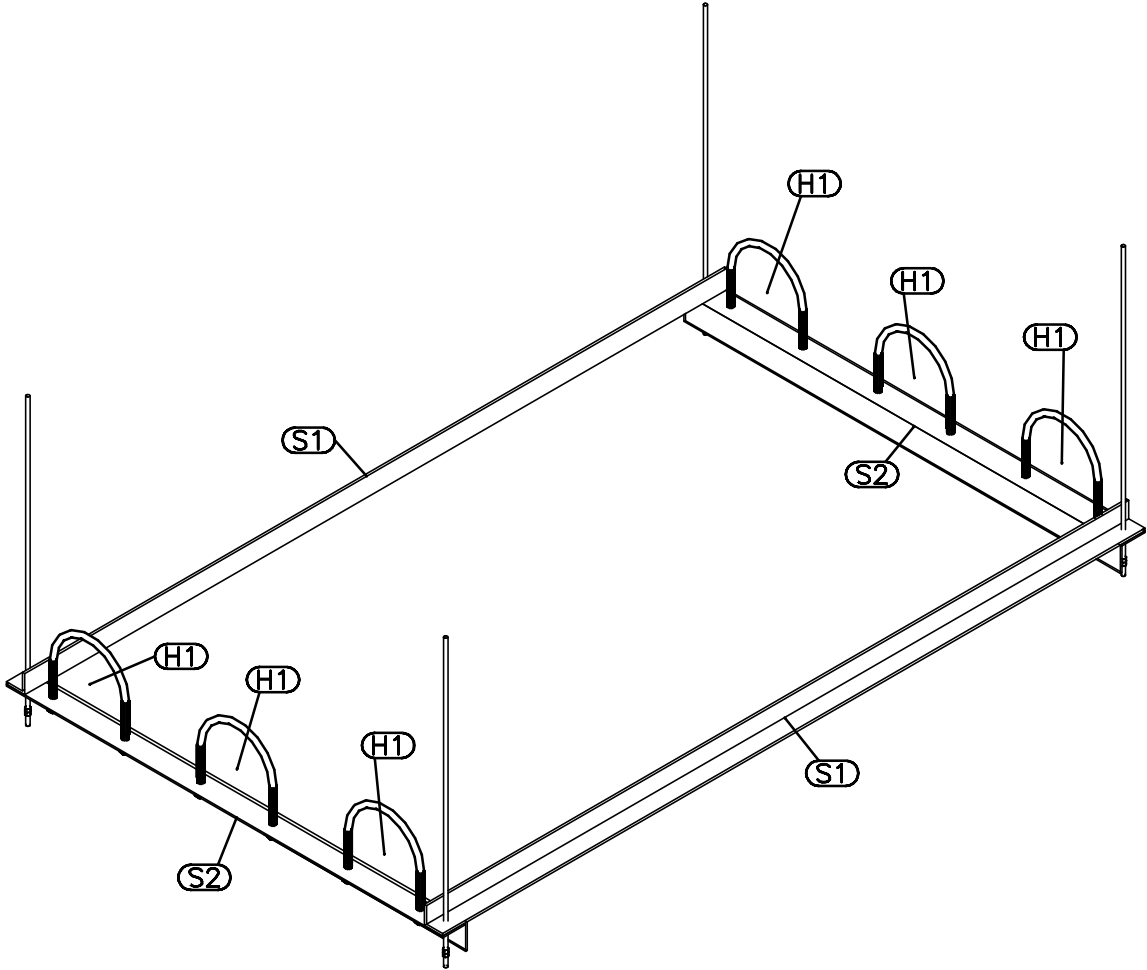
☐

COLOR:

N/A

GAL'V

☐



BOM-STEEL

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

CONSTRUCTORS

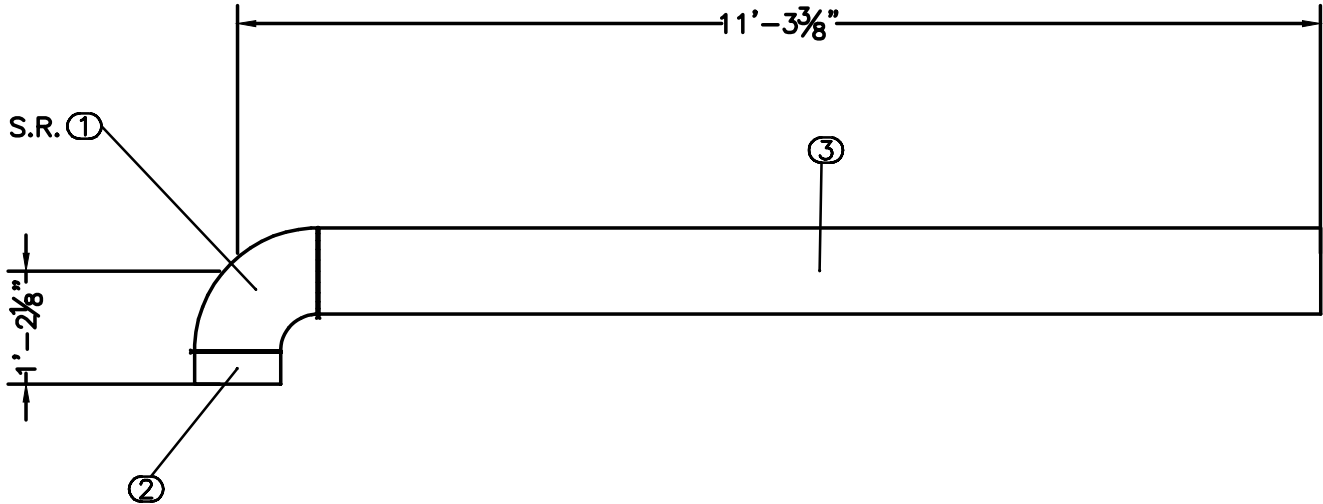
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		NRB CUP								FITTING ORIENTATION				<input type="checkbox"/>
		LVLO1 PIPE RACK								BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>
		SERVICE NAME								SPOOL IDENTIFICATION				<input type="checkbox"/>
CHK						ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS				
APP						NA	NA	NA	NA	MURPHY WPS#				
JOB NO.	210140					REV	DATE	DESCRIPTION				DRN	CHK	APP
REF.DWG.						0								
DRAWING NO./TRACKING NO.	210140-A-UPL1-1	QTY.	1	SHT/NO	4 OF 4	REV	0							



Murphy—PFFS—SPOOL—BOM							
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	10'-5 1/4"	125.250	10

**MURPHY**  
SINCE 1907

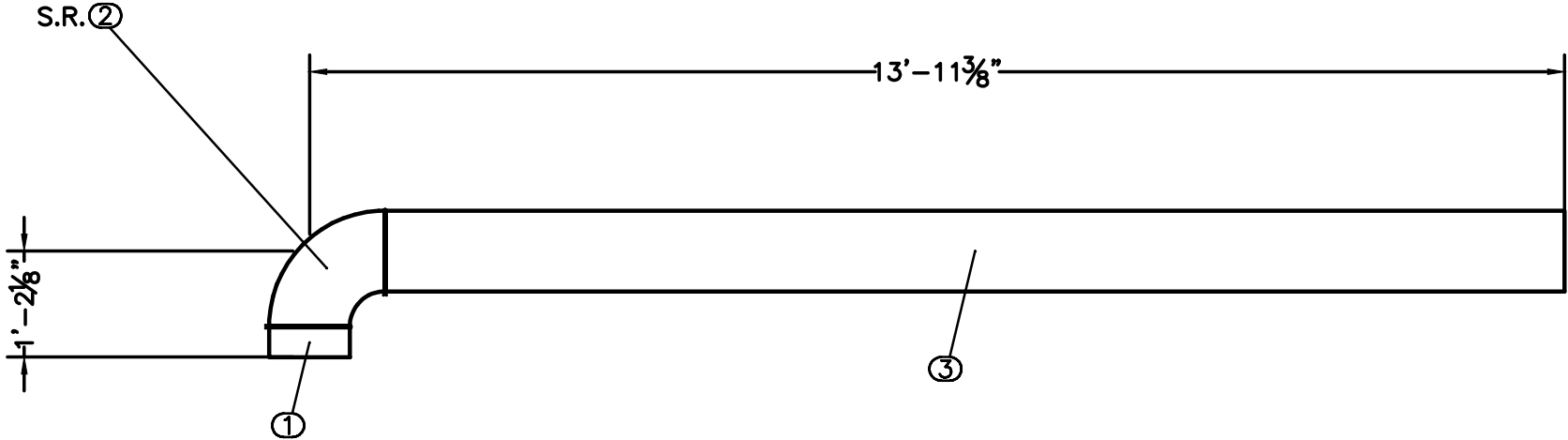
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QA/QC ACCEPT		FLANGE WEIGHT/ORIENTATION		<input type="checkbox"/>		
		FITTING ORIENTATION		<input type="checkbox"/>		
		BOLTS/CPLG'S/TH'D TIGHT		<input type="checkbox"/>		
		SPOOL IDENTIFICATION		<input type="checkbox"/>		
SPEC.	ASME	X-RAY	HYDRO TEST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

DRN	JMM	3/13/2021	WUSM RESEARCH BUILDING			
CHK			NRB CUP			
APP						
JOB NO.	210140	SERVICE NAME				
REF.DWG.		A-UPL1-1				
DRAWING NO./TRACKING NO.	210140-A-UPL1-1-1	QTY.	1	SHT/NO	1 of 1	REV
						0





Murphy—PFFS—SPOOL—BOM							
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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DRN JMM CHK APP JOB NO. 210140 REF.DWG. DRAWING NO./TRACKING NO. 210140-A-UPL1-1-3	3/13/2021				WUSM RESEARCH BUILDING NRB CUP				QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION FITTING ORIENTATION BOLTS/CPLG'S/TH'D TIGHT SPOOL IDENTIFICATION				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	SERVICE NAME A-UPL1-1				SPEC. NA				ASME NA	X-RAY NA	HYDRO TEST NA	PWHT NA	COMMENTS								
	SHT/NO 1 of 1				REV 0				DATE	DESCRIPTION				MURPHY WPS#							
	QTY. 1				REV 0																
	1 of 1				0																