

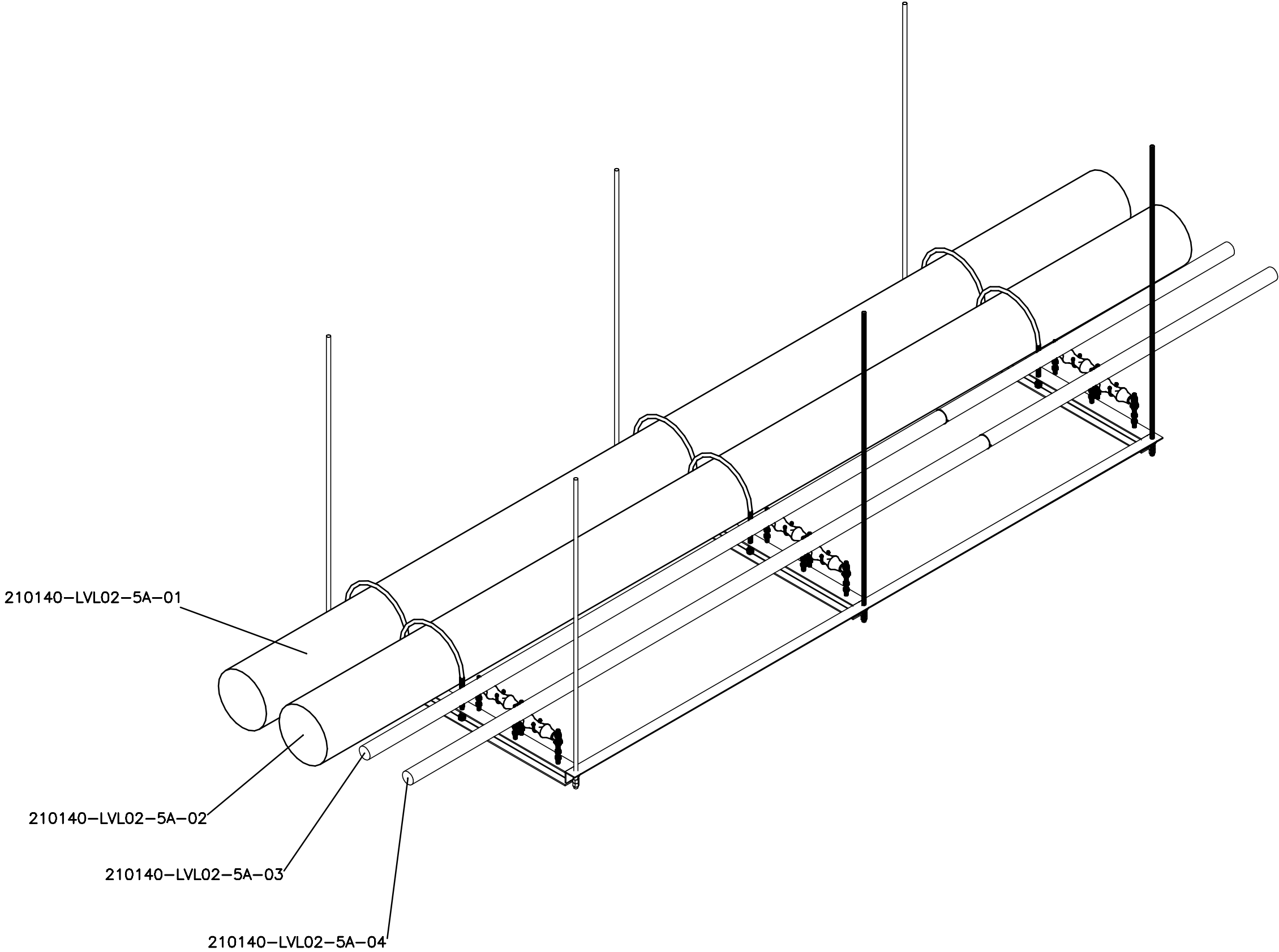
MURPHY
PRICE 1987

CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL

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

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

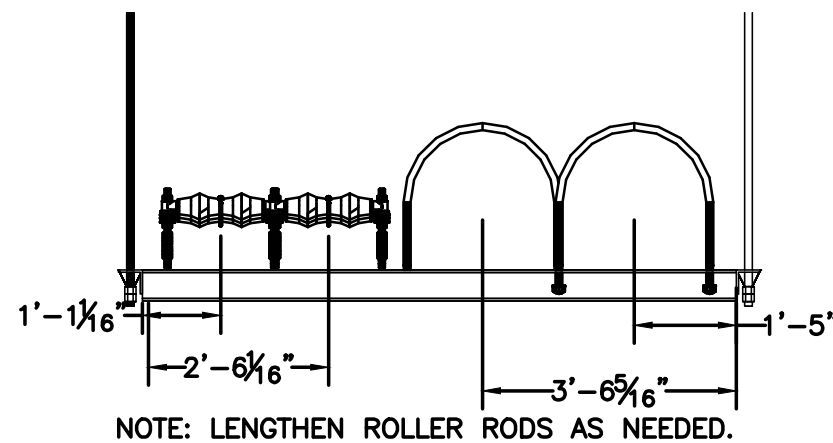
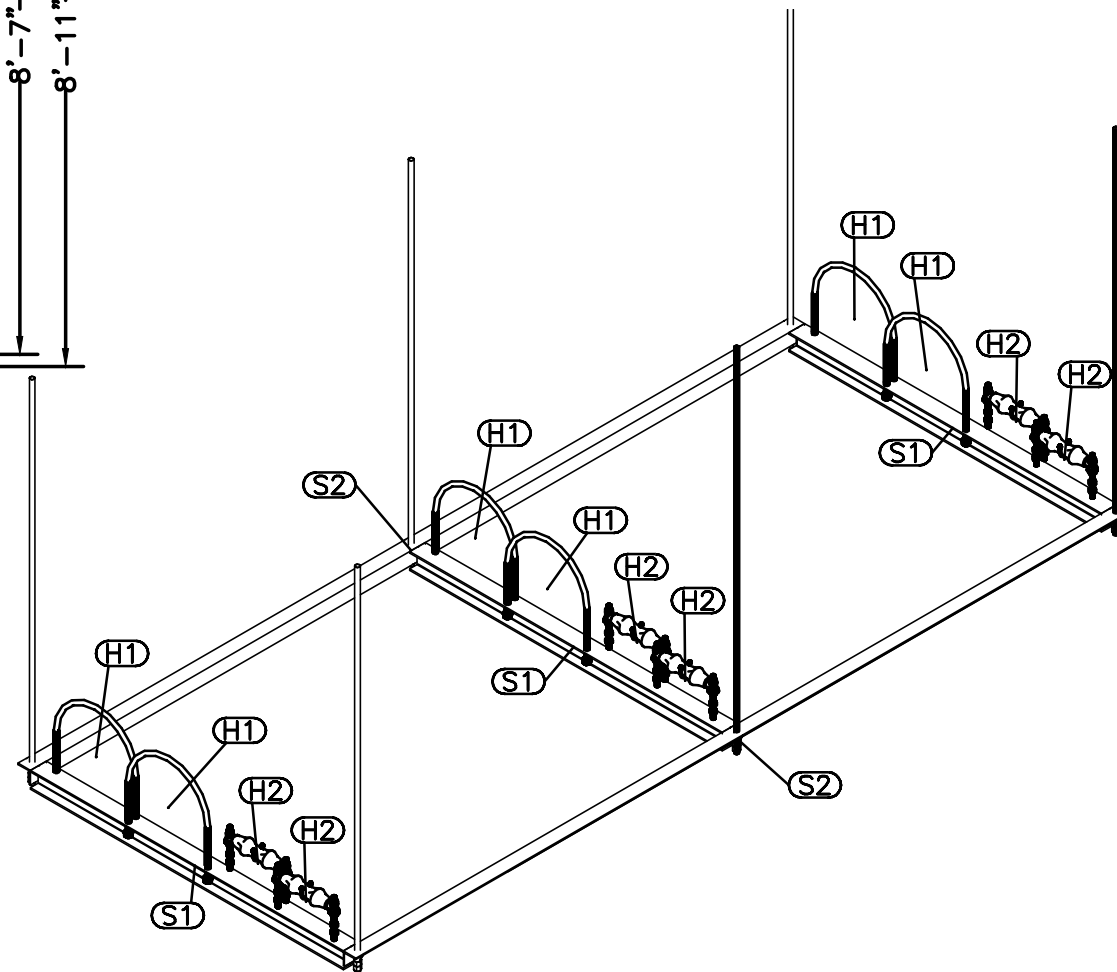
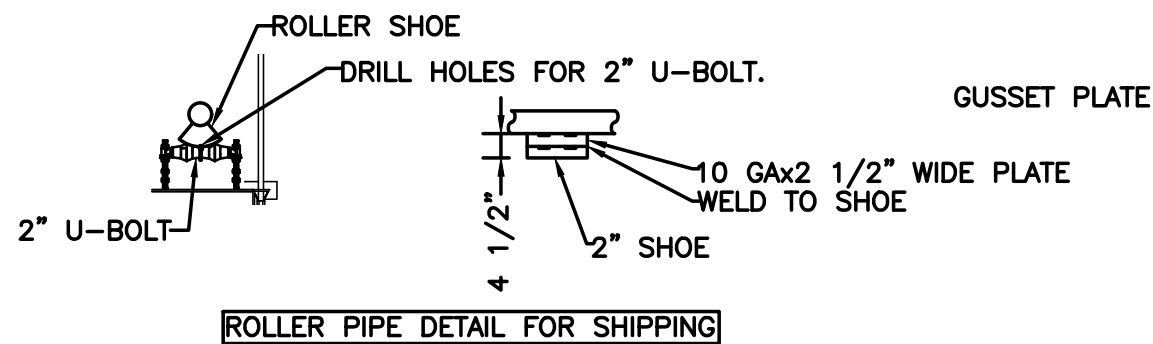
DRN JMM		6/2/2021		WUSM RESEARCH BUILDING			
CHK				NRB			
APP				LEVEL 02 NRB RACK			
JOB NO.		210140		SERVICE NAME			
REF.DWG.							
DRAWING NO./TRACKING NO.				QTY.	SHT/NO	REV	
201140-LVL02-5A				1	2 OF 3	0	



DRN JMM		6/2/2021	WUSM RESEARCH BUILDING				QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>
CHK			NRB								FITTING ORIENTATION				<input type="checkbox"/>
APP			LEVEL 02 NRB RACK								BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>
JOB NO.		210140	SERVICE NAME								SPOOL IDENTIFICATION				<input type="checkbox"/>
REF.DWG.							SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS			
DRAWING NO./TRACKING NO.							NA	NA	NA	NA	NA	MURPHY WPS#			
201140-LVL02-5A			QTY.	1	SHT/NO	2 OF 3	REV	0	DESCRIPTION				DRN	CHK	APP

MURPHY
CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL

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



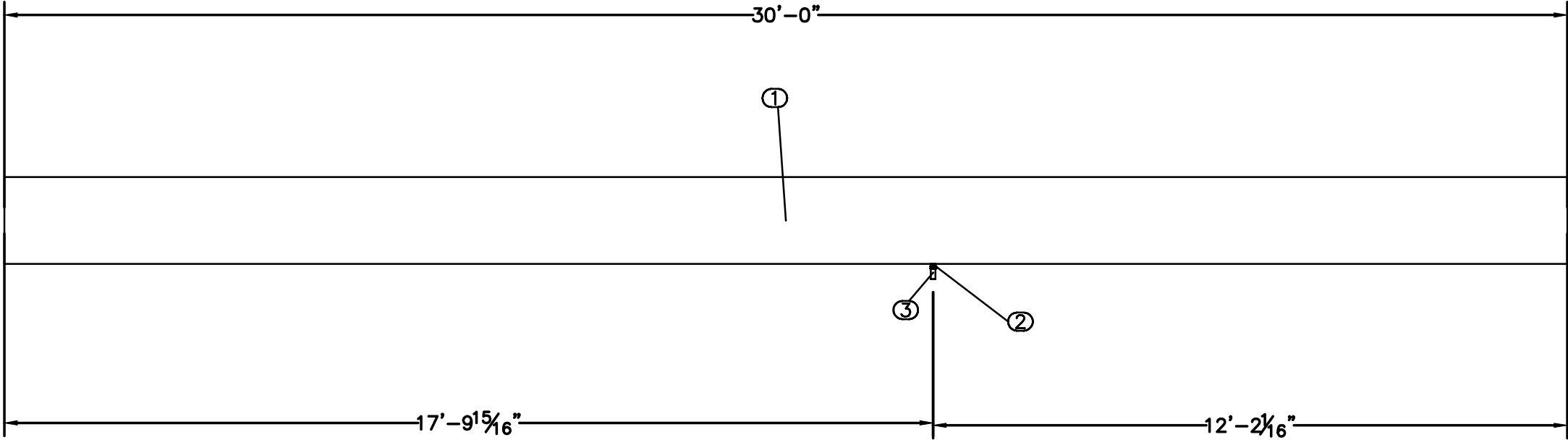
MURPHY
SINCE 1907

CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL

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

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	6/2/2021	WUSM RESEARCH BUILDING	
CHK		NRB	
APP		LEVEL 02 NRB RACK	
JOB NO.	210140	SERVICE NAME	
REF.DWG.			
DRAWING NO./TRACKING NO.		QTY.	SHT/NO
201140-LVL02-5A		1	3 OF 3
		REV	0



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
3	1	No.647 TT Dielectric Transition Fitting					3/4
2	1	3000# FS Thread-O-Let			1 1/16"	1.063	3/4x20
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	30'-0"	360.000	20

MURPHY
SINCE 1907

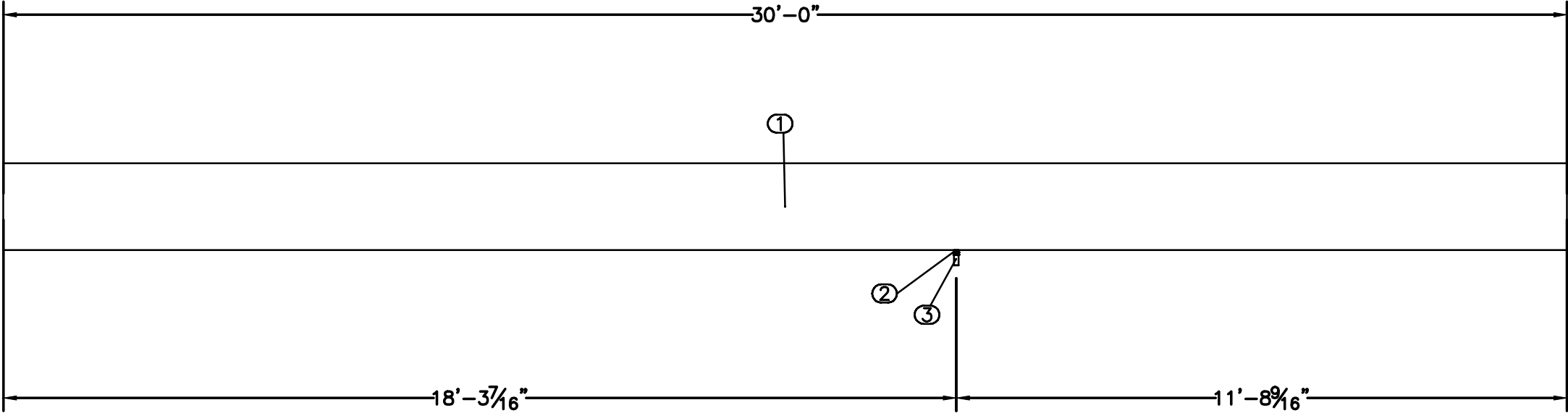
CONSTRUCTORS • ENGINEERS
MECHANICAL • INDUSTRIAL

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

<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		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	6/3/2021	WUSM RESEARCH BUILDING		
CHK		NRB		
APP		LVL02		
JOB NO.	210140	SERVICE NAME		
REF.DWG.		LVL02-5A RACK		
DRAWING NO./TRACKING NO.	210140-LVL02-5A-01	QTY.	1	REV
		SHT/NO	1 OF 1	0



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
3	1	No.647 TT Dielectric Transition Fitting					3/4
2	1	3000# FS Thread-O-Let			1 1/16"	1.063	3/4x20
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	30'-0"	360.000	20

MURPHY
SINCE 1907

CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL

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

<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		X-RAY		ASME	HYDRO TEST	PWHT	COMMENTS	
		NA	NA	NA	NA	NA	NA	MURPHY WPS#
0								
REV	DATE	DESCRIPTION		DRN	CHK	APP		

DRN JMM	6/3/2021	WUSM RESEARCH BUILDING	
CHK		NRB	
APP		LVL02	
JOB NO.	210140	SERVICE NAME	
REF.DWG.		LVL02-5A RACK	
DRAWING NO./TRACKING NO.	QTY.	SHT/NO	REV
210140-LVL02-5A-02	1	1 of 1	0



②

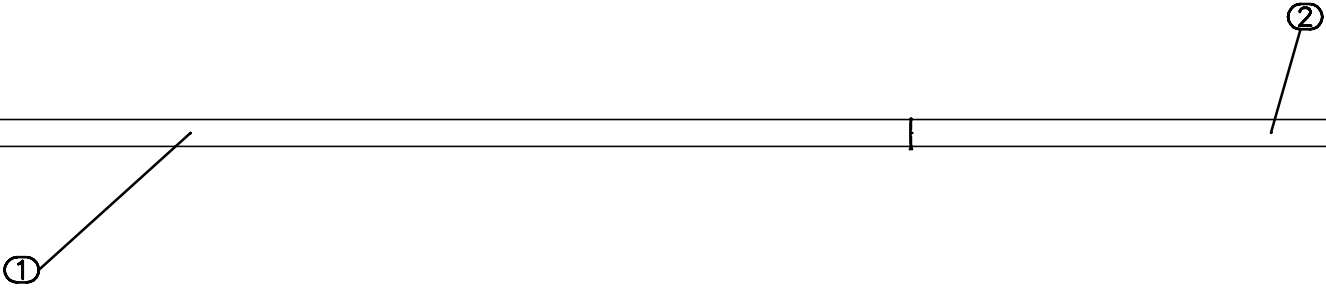
MURPHY
SINCE 1907
CONSTRUCTORS • ENGINEERS • MECHANICAL • INDUSTRIAL

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

- ☐ FLANGE WEIGHT/ORIENTATION
- ☐ FITTING ORIENTATION
- ☐ BOLTS/CPLG'S/TH'D TIGHT
- ☐ SPOOL IDENTIFICATION

WUSM RESEARCH BUILDING	NRB
	LVL02
<hr/>	
SERVICE NAME	LVL02-5A RACK

SHT/NO	REV
1 of 1	0



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	XH SA-53B CS SMLS Pipe	BEV	BEV	20'-0"	240.000	4
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	9'-11 7/8"	119.870	4

DRN JMM		6/3/2021		WUSM RESEARCH BUILDING				QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION		<input type="checkbox"/>			
CHK				NRB								FITTING ORIENTATION		<input type="checkbox"/>			
APP				LVL02								BOLTS/CPLG'S/TH'D TIGHT		<input type="checkbox"/>			
JOB NO.		210140										SPOOL IDENTIFICATION		<input type="checkbox"/>			
REF.DWG.				SERVICE NAME				SPEC.				HYDRO TEST		PWHT		COMMENTS	
				LVL02-5A RACK				NA				NA		NA		MURPHY WPS#	
DRAWING NO./TRACKING NO.				QTY.		SHT/NO		REV		0							
210140-LVL02-5A-04		1		1		1 OF 1		0		REV				DATE		DESCRIPTION	
																CHK	
																APP	