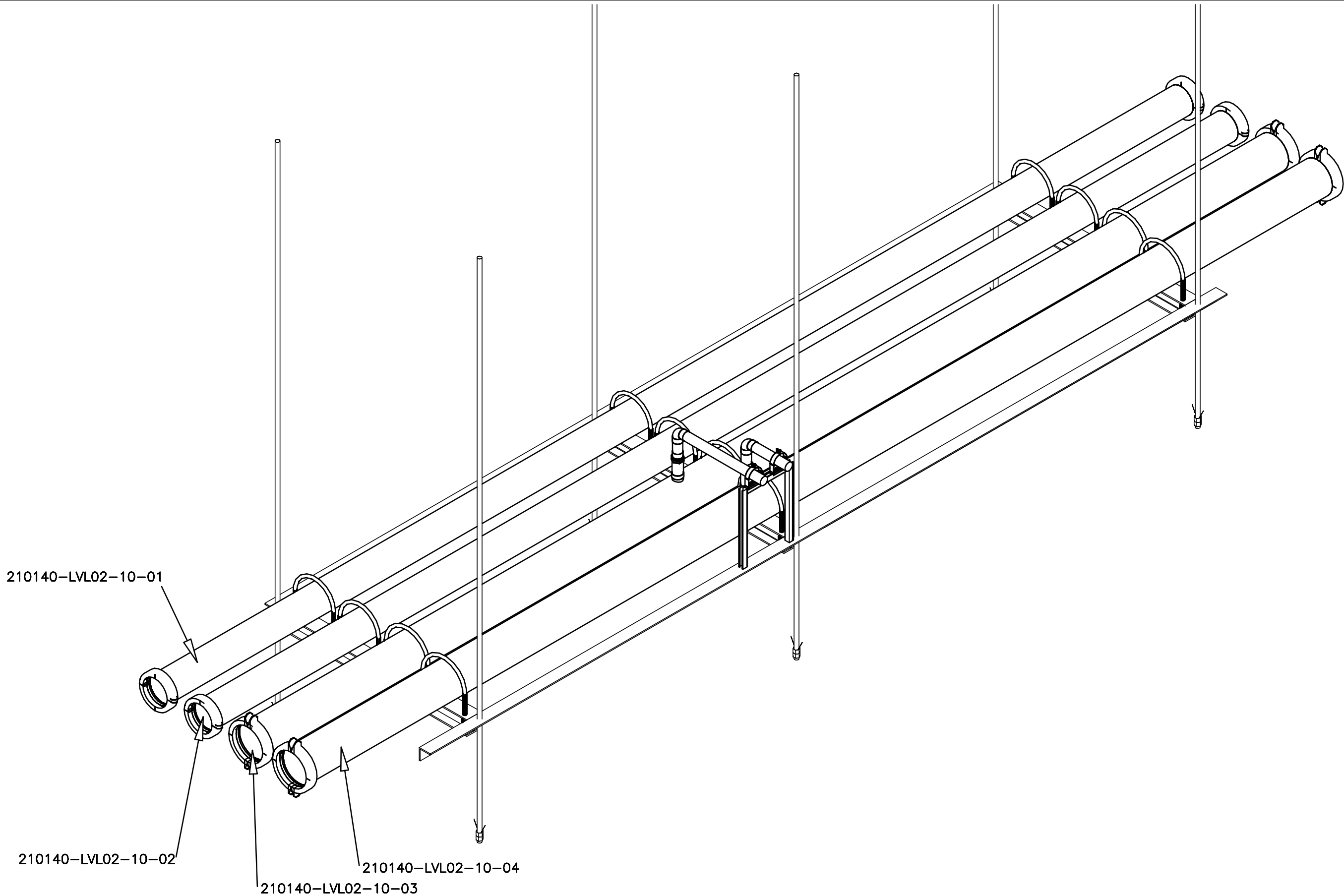


DRN JMM		6/8/2021		WUSM RESEARCH BUILDING										Q/A/QC ACCEPT					FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>						
CHK				NRB															FITTING ORIENTATION				<input type="checkbox"/>						
APP				LEVEL 02 NRB RACK														BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>							
JOB NO.		210140		SERVICE NAME														SPOOL IDENTIFICATION				<input type="checkbox"/>							
REF.DWG.														SPEC.		ASME		X-RAY		HYDRO TEST		PWHT		COMMENTS					
														NA		NA		NA		NA		NA		MURPHY WPS#					
DRAWING NO./TRACKING NO. 201140-LVL02-10				QTY. 1				SHT/NO 1 of 3				REV 0				0													
																REV		DATE		DESCRIPTION				DRN		CHK		APP	



DRN JMM

6/8/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

201140-LVL02-10

WUSM RESEARCH BUILDING

NRB

LEVEL 02 NRB RACK

SERVICE NAME

QTY.

1

SHT/NO

2 of 3

REV

0

QA/QC ACCEPT

FLANGE WEIGHT/ORIENTATION

☐

FITTING ORIENTATION

☐

BOLTS/CPLG'S/TH'D TIGHT

☐

SPOOL IDENTIFICATION

☐

SPEC.

NA

ASME

NA

X-RAY

NA

HYDRO TEST

NA

PWHT

NA

COMMENTS

MURPHY WPS#

REV

0

DATE

DESCRIPTION

DRN

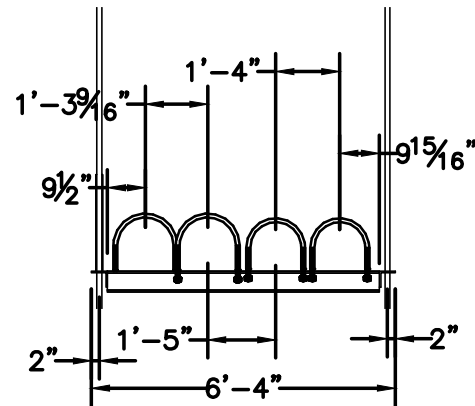
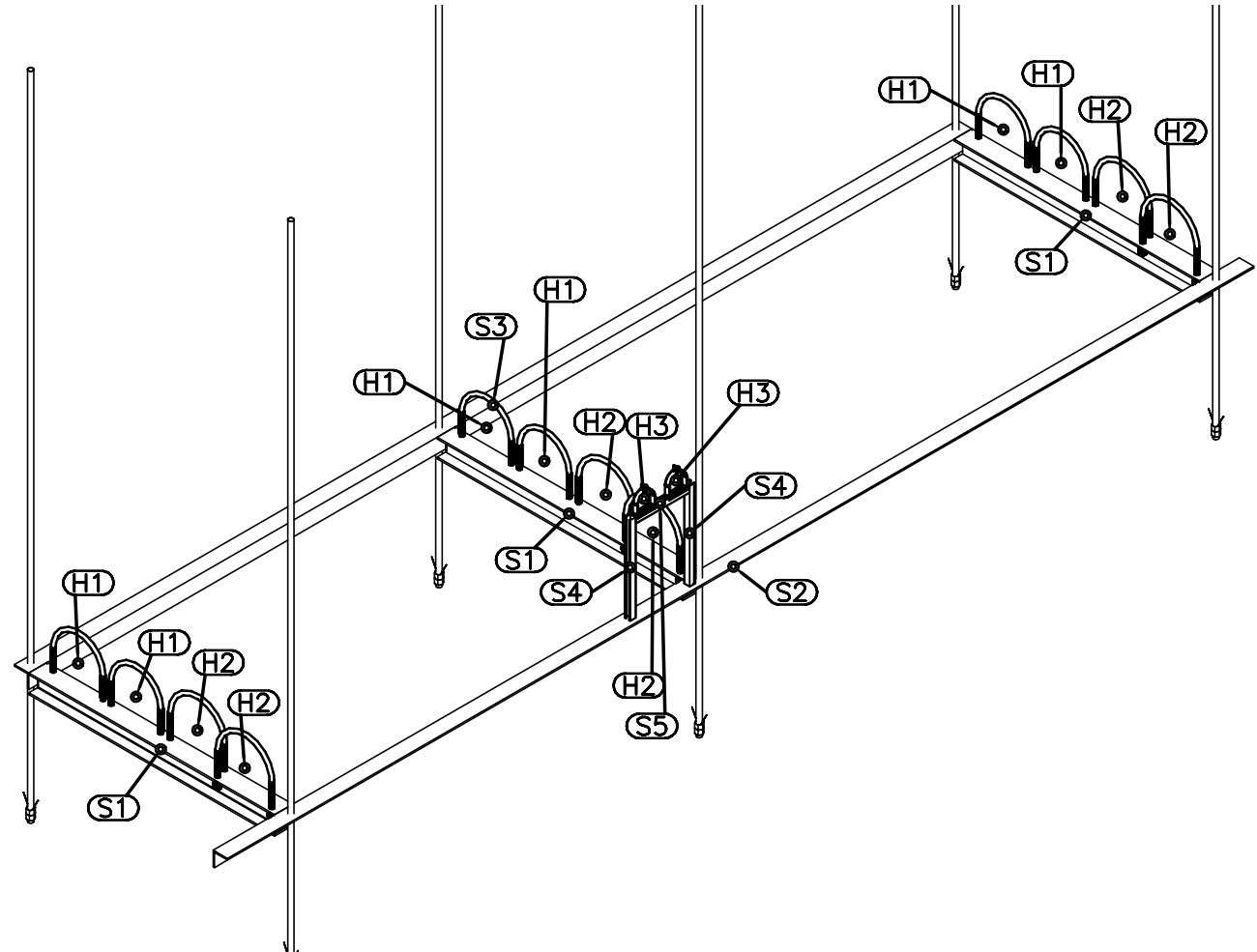
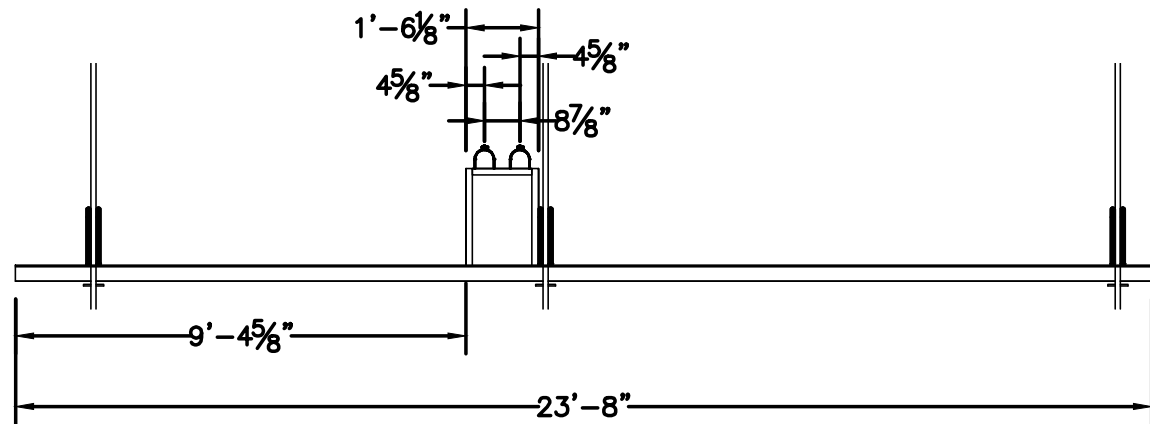
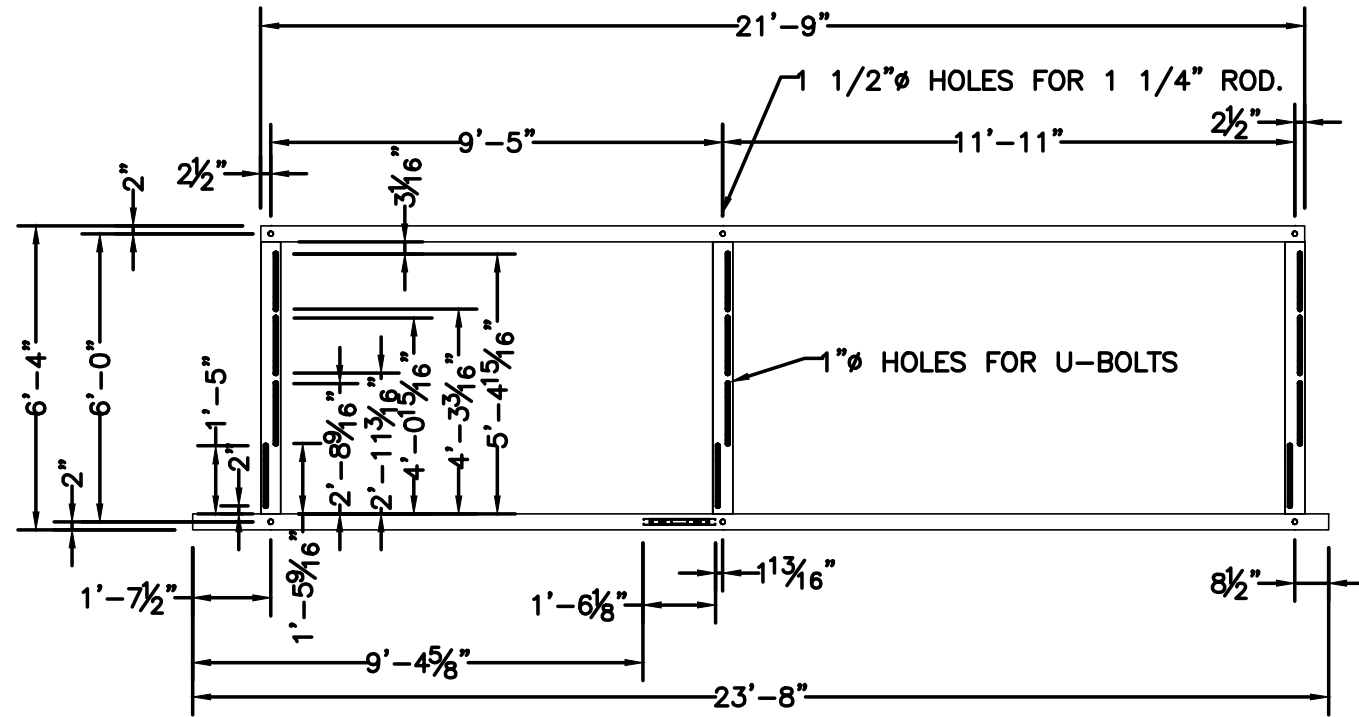
CHK

APP

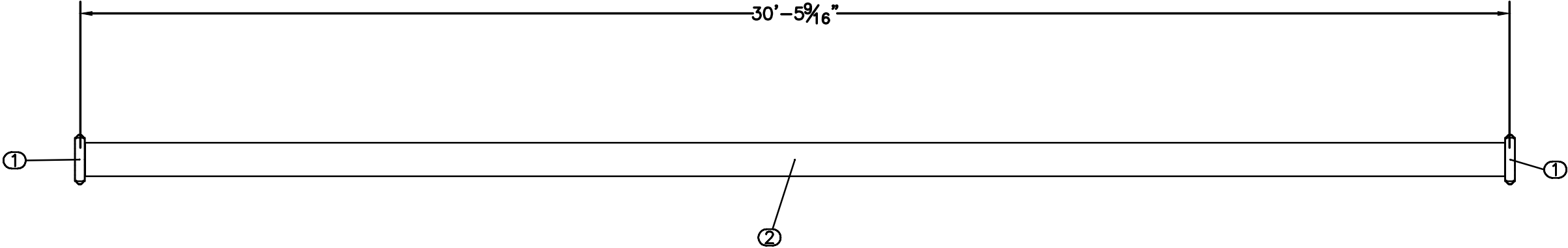
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DRN JMM		6/7/2021	WUSM RESEARCH BUILDING					QA/QC ACCEPT					FLANGE WEIGHT/ORIENTATION			<input type="checkbox"/>			
CHK			NRB										FITTING ORIENTATION			<input type="checkbox"/>			
APP			LEVEL 02 NRB RACK										BOLTS/CPLG'S/TH'D TIGHT			<input type="checkbox"/>			
JOB NO.		210140	SERVICE NAME										SPOOL IDENTIFICATION			<input type="checkbox"/>			
REF.DWG.								SPEC.		ASME		X-RAY		HYDRO TEST		PWHT		COMMENTS	
								NA		NA		NA		NA		NA		MURPHY WPS#	
DRAWING NO./TRACKING NO.			QTY.		SHT/NO		REV												
201140-LVL02-10			1		3 OF 3		0												
			REV		DATE		DESCRIPTION					DRN		CHK		APP			
			0																



Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	2	Style 107 EHP Pnt QuickVic Rigid Coupling					8
2	1	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	Grooved End	30'-5 9/16"	365.560	8

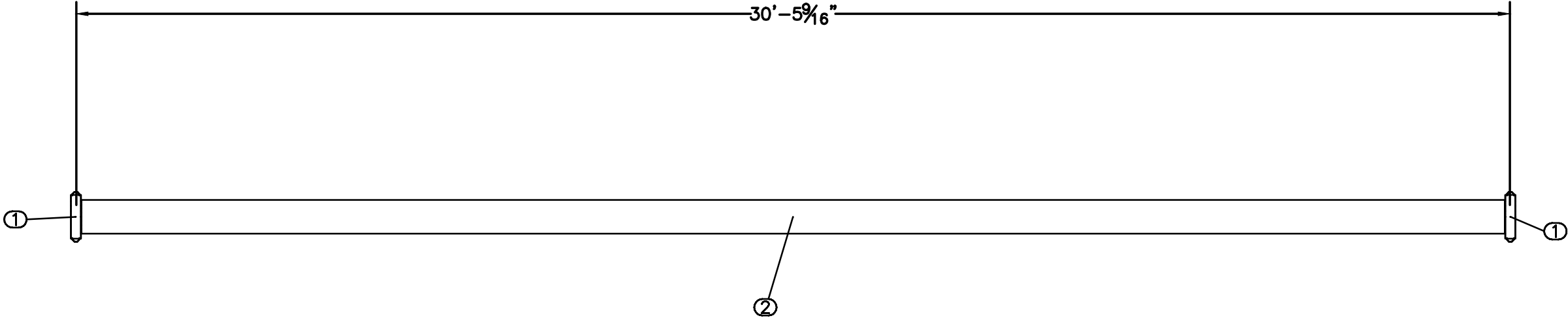
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QA/QC ACCEPT				<input type="checkbox"/> FLANGE WEIGHT/ORIENTATION			
				<input type="checkbox"/> FITTING ORIENTATION			
				<input type="checkbox"/> BOLTS/CPLG'S/TH'D TIGHT			
				<input type="checkbox"/> SPOOL IDENTIFICATION			
SPEC.	ASME	X-RAY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

DRN	JMM	6/8/2021	WUSM RESEARCH BUILDING				
CHK			NRB				
APP			LEVEL 02 NRB RACK				
JOB NO.	210140		SERVICE NAME	LVL02-10 RACK			
REF.DWG.			QTY.	SHT/NO	REV		
210140-LVL02-10-01		1	1	1 of 1	0		



Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	2	Style 107 EHP Pnt QuickVic Rigid Coupling					8
2	1	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	Grooved End	30'-5 9/16"	365.560	8

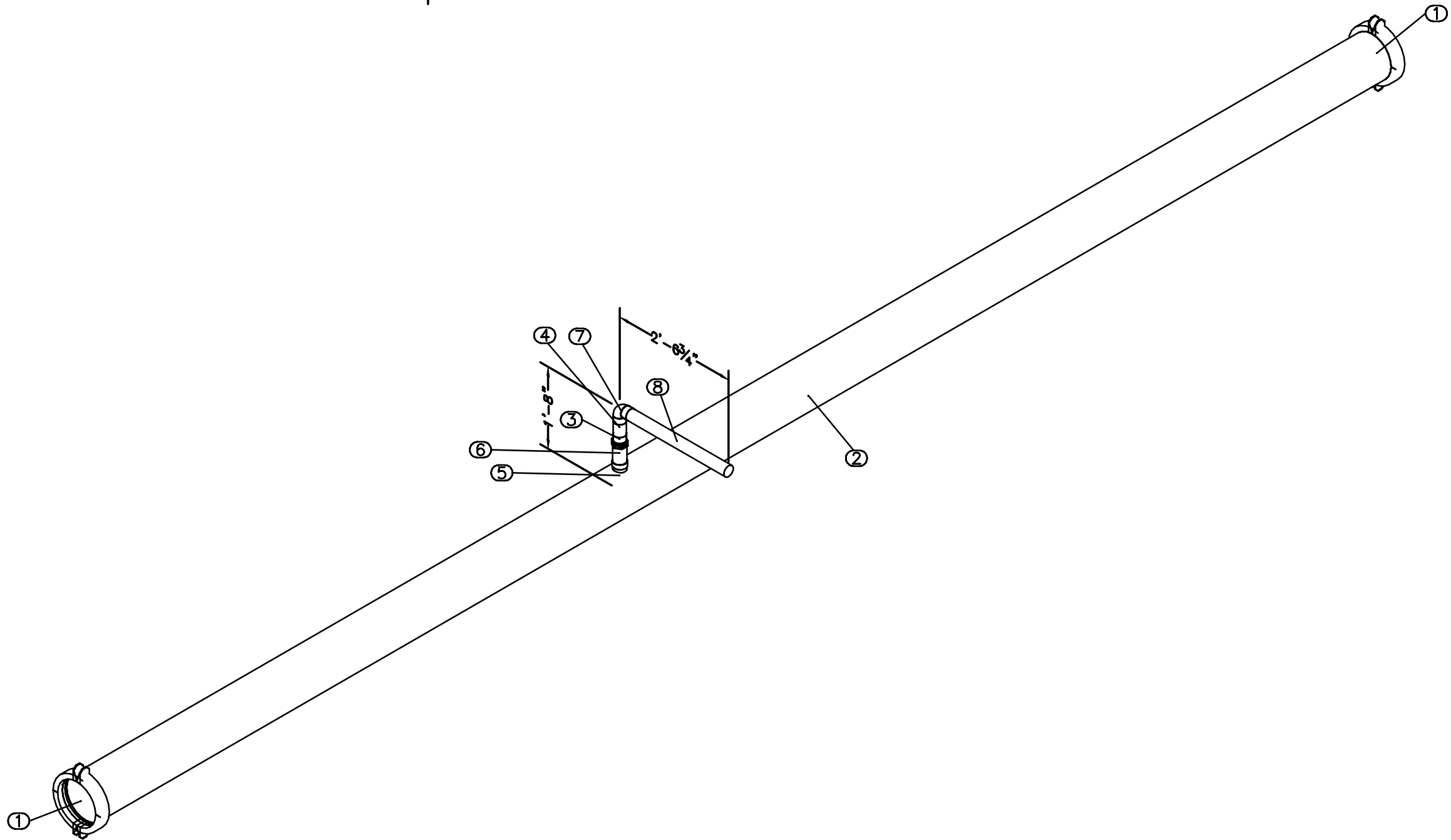
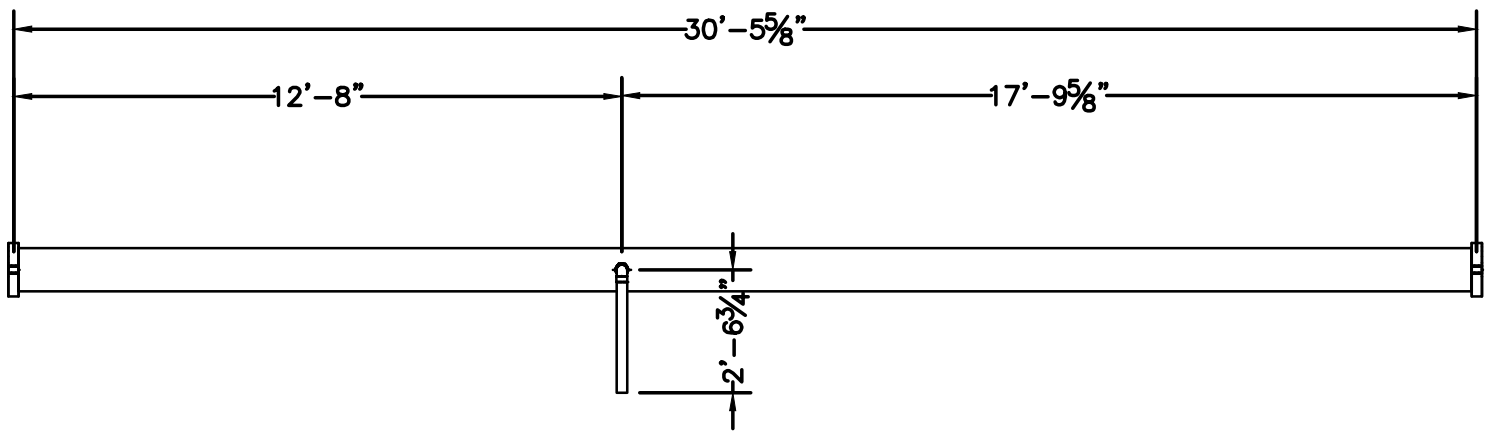
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QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION				<input type="checkbox"/>
				FITTING ORIENTATION				<input type="checkbox"/>
				BOLTS/CPLG'S/TH'D TIGHT				<input type="checkbox"/>
				SPOOL IDENTIFICATION				<input type="checkbox"/>
SPEC.	ASME	X-RAY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

DRN JMM	6/8/2021	WUSM RESEARCH BUILDING				
CHK		NRB				
APP		LEVEL 02 NRB RACK				
JOB NO.	210140	SERVICE NAME	LVL02-10 RACK			
REF.DWG.						
DRAWING NO./TRACKING NO.	QTY.	SHT/NO	REV			
210140-LVL02-10-02	1	1 of 1	0			



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	2	Style 07 Zero-Flex Cplg					10
6	1	No.647 TT Dielectric Transition Fitting					2-1/2
3	1	Wrot 603 Adapter CxF					2-1/2
7	1	Wrot 607 90 Deg Ell CxC					2-1/2
5	1	3000# FS Thread-0-Let			1 13/16"	1.813	2-1/2x10
4	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	6 1/16"	6.074	2-1/2
8	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	2'-5 1/8"	29.114	2-1/2
2	1	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	Grooved End	30'-5 5/8"	365.655	10

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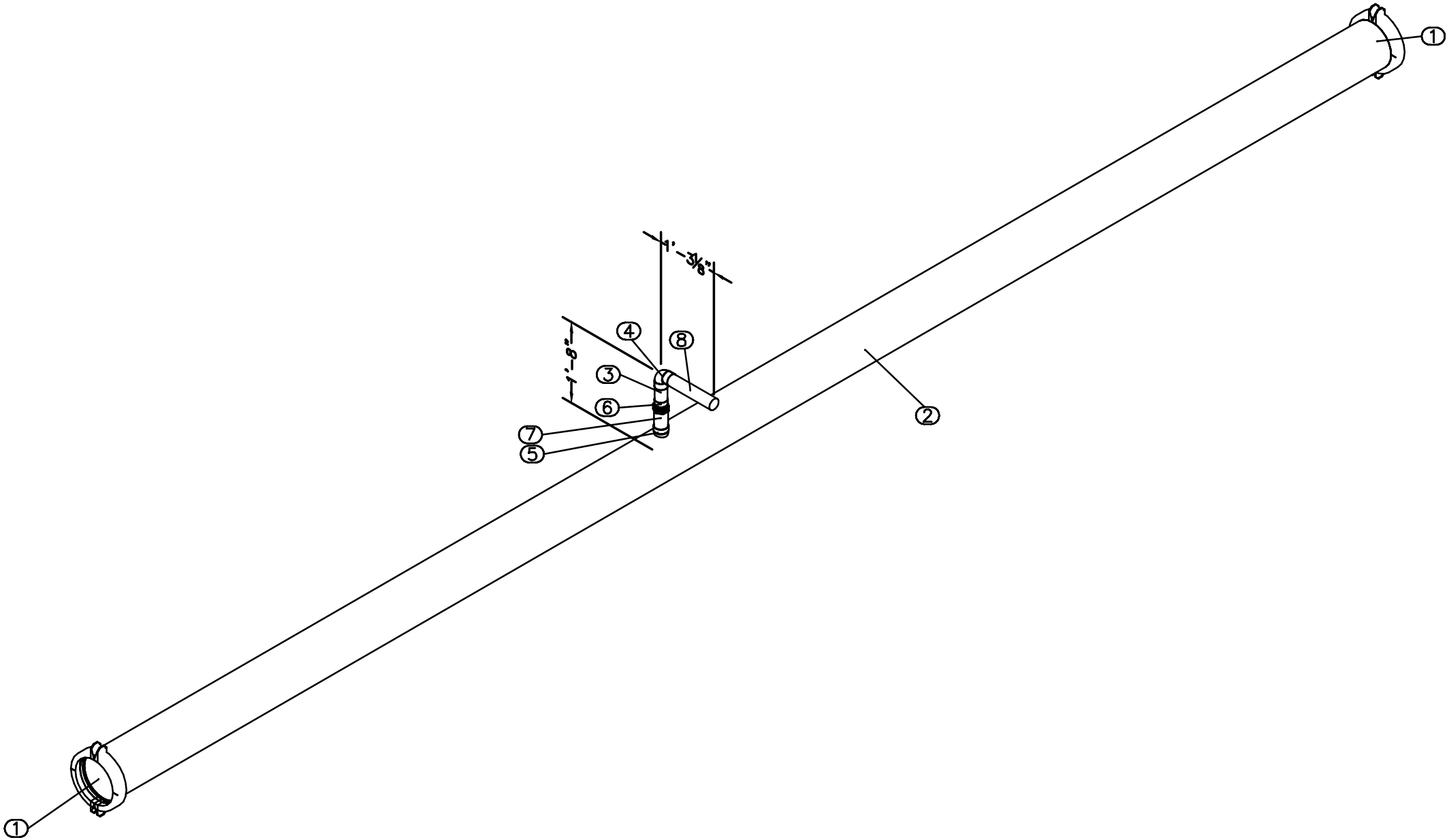
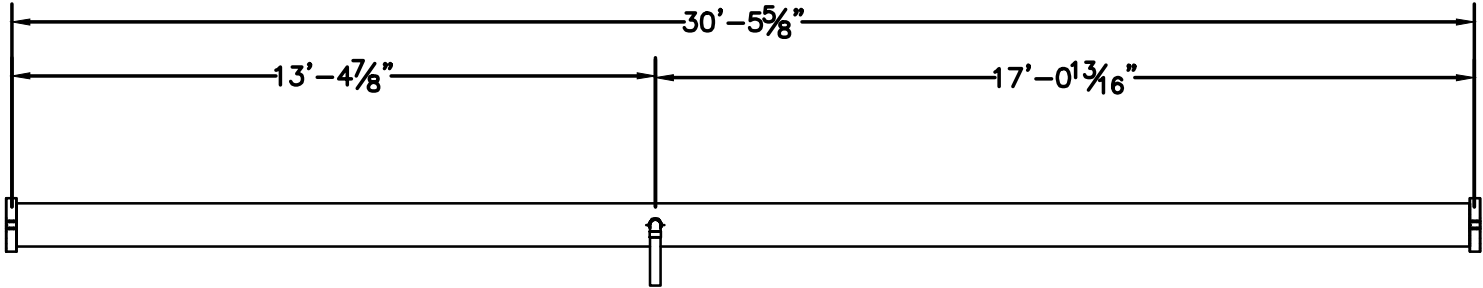
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<input type="checkbox"/> FLANGE WEIGHT/ORIENTATION	
<input type="checkbox"/> FITTING ORIENTATION	
<input type="checkbox"/> BOLTS/CPLG'S/TH'D TIGHT	
<input type="checkbox"/> SPOOL IDENTIFICATION	

QA/QC ACCEPT			
_____			

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

DRN	JMM	6/8/2021	WUSM RESEARCH BUILDING			
CHK			NRB			
APP			LEVEL 02 NRB RACK			
JOB NO.	210140	SERVICE NAME	LVLO2-10 RACK			
REF.DWG.						
DRAWING NO./TRACKING NO.	210140-LVL02-10-03	QTY.	1	SHT/NO	1 of 1	REV
						0



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	2	Style 07 Zero-Flex Cplg					10
7	1	No.647 TT Dielectric Transition Fitting					2-1/2
6	1	Wrot 603 Adapter CxF					2-1/2
4	1	Wrot 607 90 Deg Ell CxC					2-1/2
5	1	3000# FS Thread-O-Let			1 13/16"	1.813	2-1/2x10
3	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	6 1/16"	6.074	2-1/2
8	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	1'-1 1/2"	13.528	2-1/2
2	1	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	Grooved End	30'-5 5/8"	365.655	10

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<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	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
	NA	NA	NA	NA	MURPHY WPS#

0	REV	DATE	DESCRIPTION	DRN	CHK	APP

DRN	JMM	6/8/2021	WUSM RESEARCH BUILDING
CHK			NRB
APP			LEVEL 02 NRB RACK
JOB NO.	210140	SERVICE NAME	LVL02-10 RACK
REF.DWG.		QTY.	1
DRAWING NO./TRACKING NO.	210140-LVL02-10-04	SHT/NO	1 of 1
		REV	0