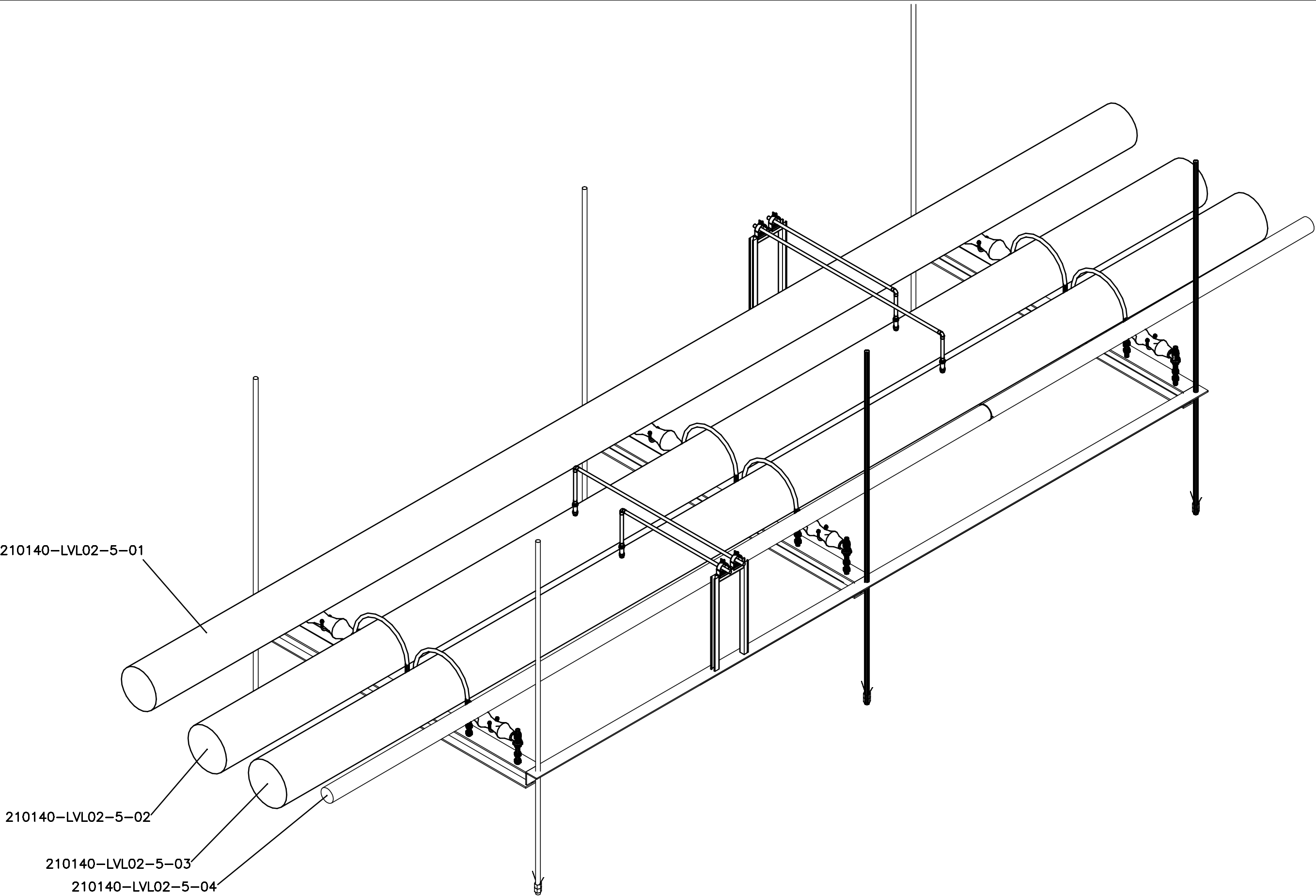


NOTE: HWS/R NOT SHOWN ON SIDE VIEW.

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



DRN JMM

6/2/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

201140-LVL02-5

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#

0

REV

DATE

DESCRIPTION

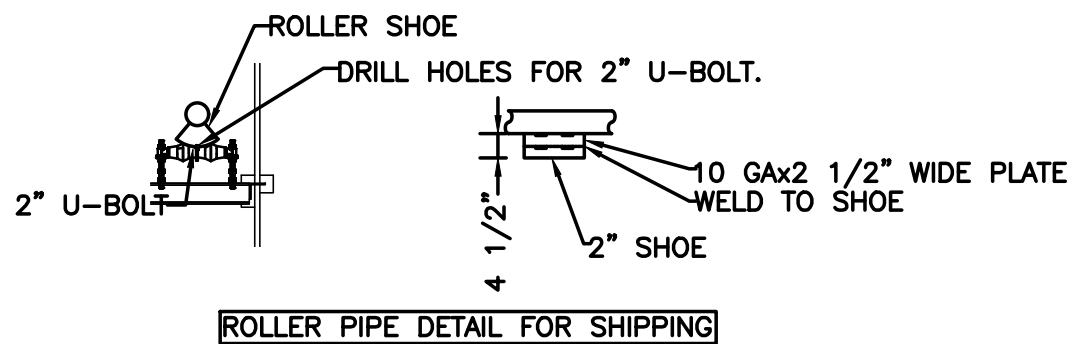
DRN

CHK

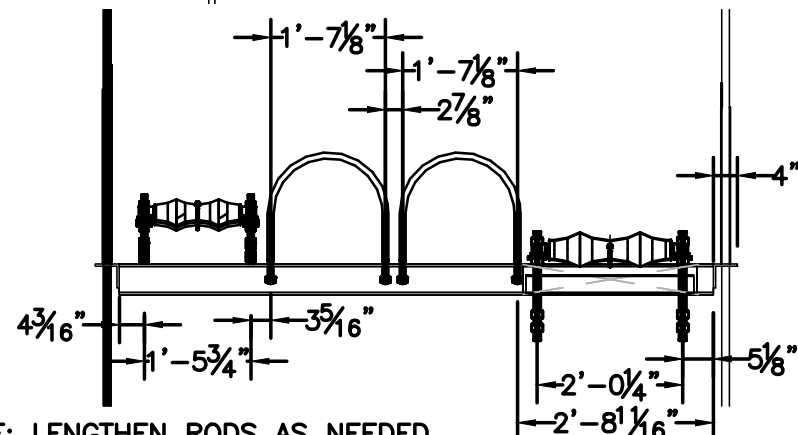
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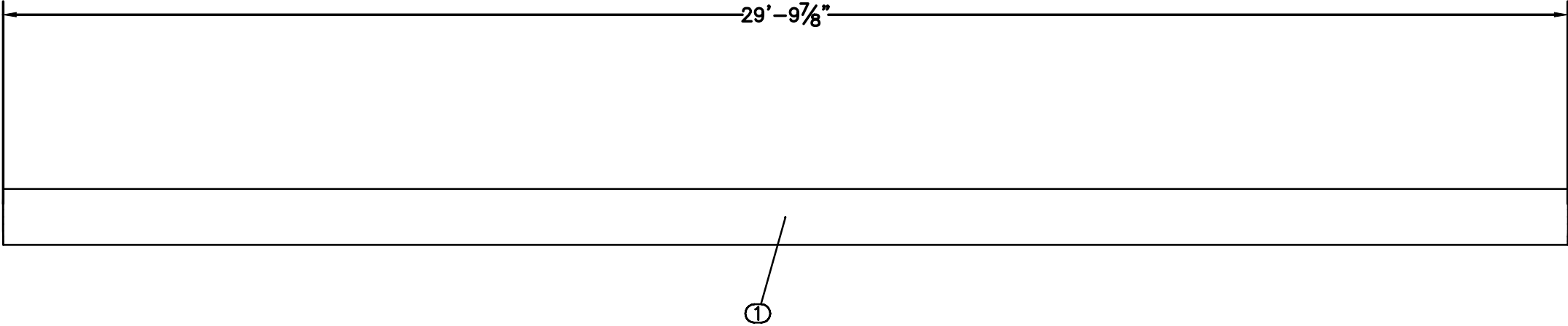
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The technical drawing illustrates a roof truss system. The main part of the drawing is a perspective view of a truss structure with various components labeled. The labels include S1, S2, S3, S4, S5, S6, S7, H1, H2, H3, H4, and H5. The truss structure consists of a main longitudinal beam (S1) and several transverse members (S2, S3, S4, S5, S6, S7). The transverse members are connected to the main beam by hangers (H1, H2, H3, H4, H5). The hangers are shown in cross-section, indicating their internal structure. The drawing also includes a detailed cross-section of a joint, showing the connection between a vertical member and a horizontal member. This cross-section shows the internal structure of the joint, including the hanger and the main beam. The drawing is a technical illustration, likely for a patent or a technical manual.



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



Murphy—PFFS—SPOOL—BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Sch 40 SA-53B CS Smls Pipe PE	BEV	BEV	29'-9 7/8"	357.875	12

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DRN JMM

6/3/2021

CHK

APP

JOB NO. 210140

REF.DWG.

DRAWING NO./TRACKING NO.
210140-LVL02-5-01

QTY. 1

SHT/NO 1 of 1

REV 0

WUSM RESEARCH BUILDING

NRB

LVL02 RACKS

SERVICE NAME

LVL02-5 RACK

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

FWHT NA

COMMENTS

0

REV

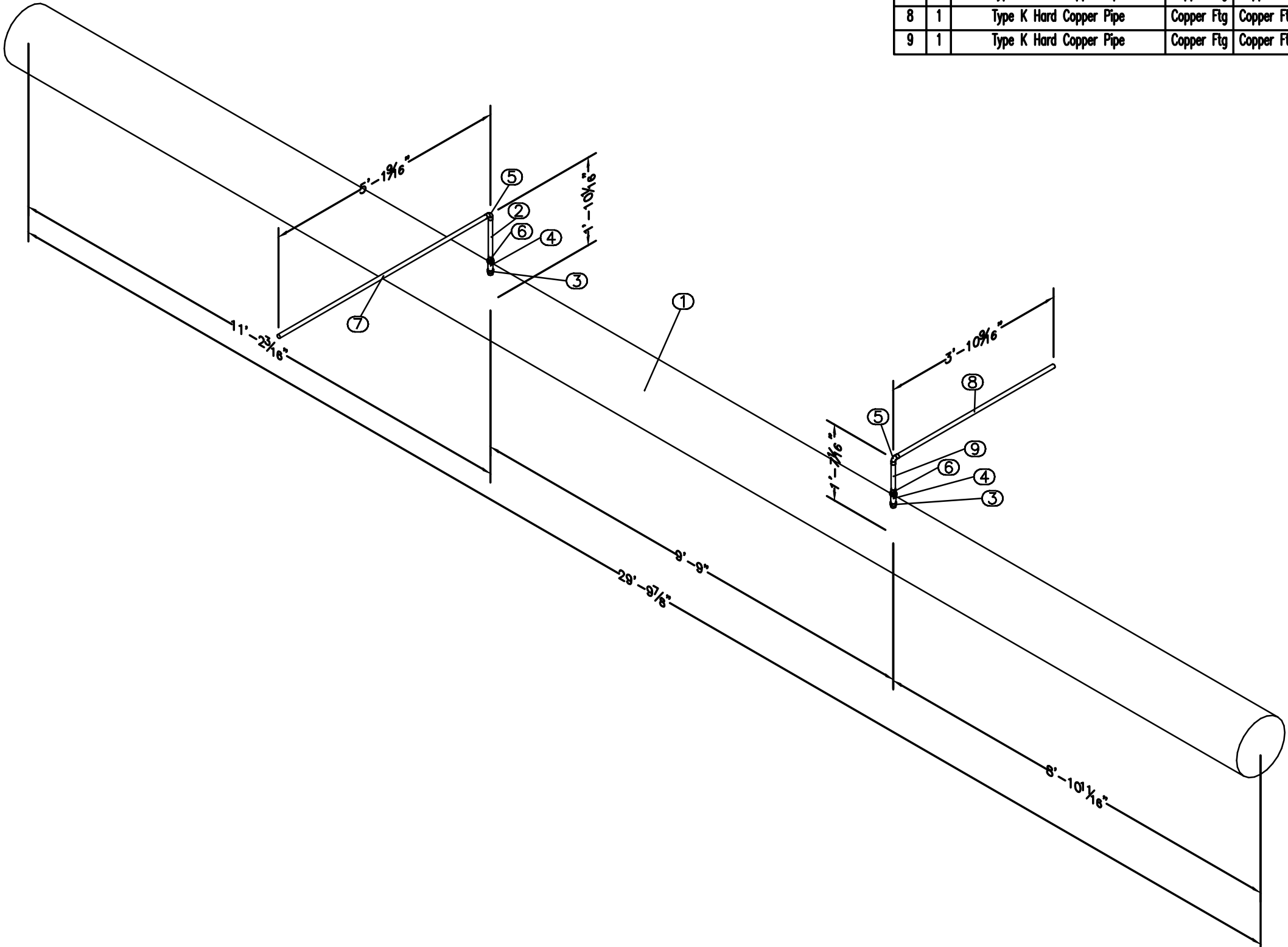
DATE

DESCRIPTION

DRN

CHK

APP

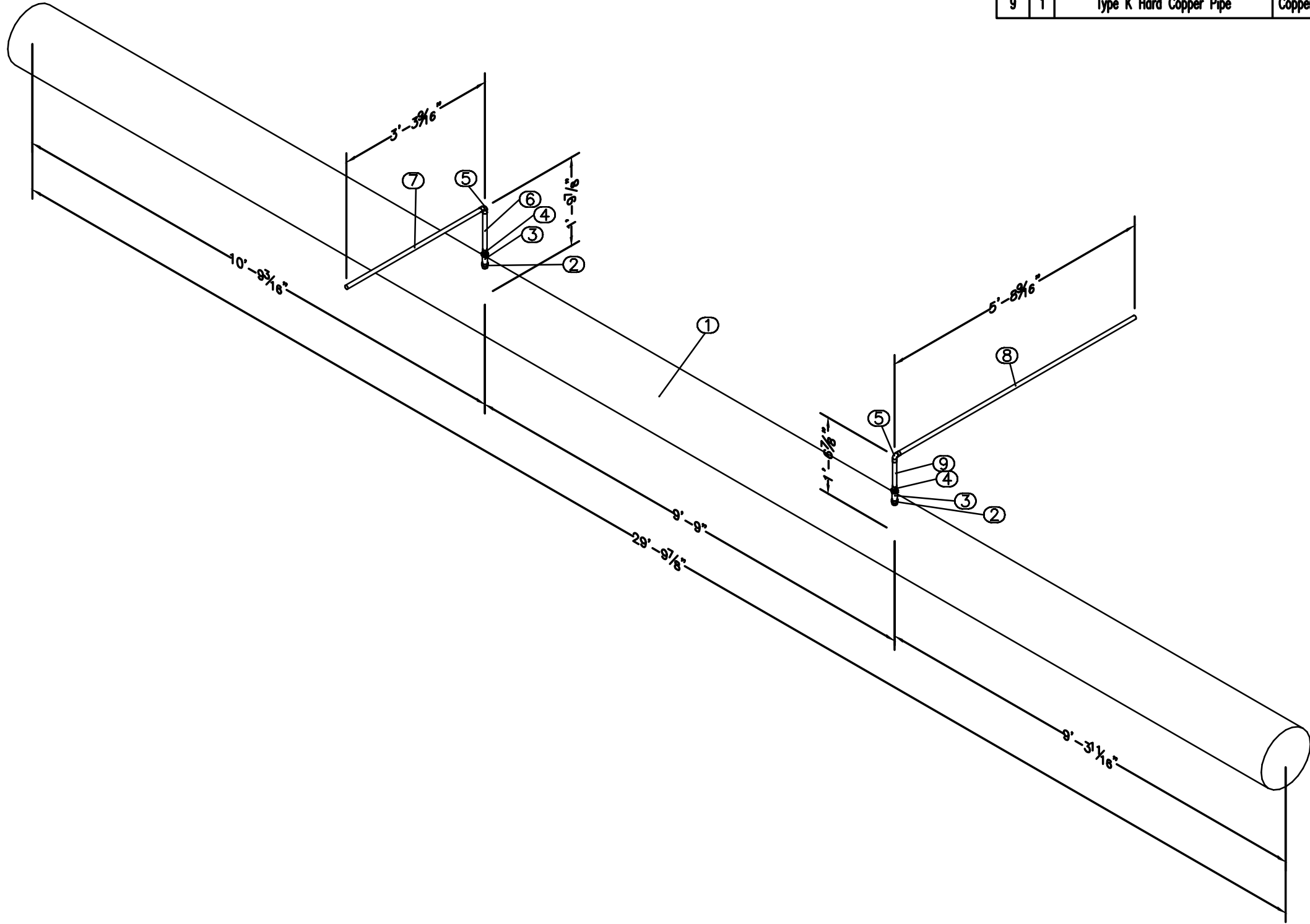


Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
4	2	No.647 TT Dielectric Transition Fitting					3/4
6	2	103 Wrot Female Adapter CxFPT					3/4
5	2	107-C Wrot 90 Elbow - Close Ruff					3/4
3	2	3000# FS Thread-O-Let			1 1/16"	1.063	3/4x14
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	29'-9 7/8"	357.875	14
2	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	10 13/16"	10.799	3/4
7	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	5'-1"	60.976	3/4
8	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	3'-10"	46.016	3/4
9	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	7 13/16"	7.799	3/4

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

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Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
3	2	No.647 TT Dielectric Transition Fitting					3/4
4	2	103 Wrot Female Adapter CxFPT					3/4
5	2	107-C Wrot 90 Elbow - Close Ruff					3/4
2	2	3000# FS Thread-O-Let			1 1/16"	1.063	3/4x14
1	1	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	29'-9 7/8"	357.875	14
6	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	10 5/8"	10.611	3/4
7	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	3'-3"	39.000	3/4
8	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	5'-8"	68.000	3/4
9	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	7 5/8"	7.611	3/4

DRN JMM		6/3/2021		WUSM RESEARCH BUILDING			
CHK				NRB			
APP				LVL02 RACKS			
JOB NO.		210140		SERVICE NAME			
REF.DWG.				LVL02-5 RACK			
DRAWING NO./TRACKING NO.		QTY.		SHT/NO		REV	
210140-LVL02-5-03		1		1 of 1		0	

QA/QC ACCEPT		FLANGE WEIGHT/ORIENTATION		<input type="checkbox"/>
		FITTING ORIENTATION		<input type="checkbox"/>
		BOLTS/CPLGS/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	

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REF.DWG.	DRAWING NO./TRACKING NO.	QTY.	SHT/NO	REV
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