

Murphy-PFFS-SPOOL-BOM

Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Type L Hard Copper Pipe	Copper Ftg	Copper Ftg	20'-0"	239.995	1-1/2
2	1	Type L Hard Copper Pipe	Copper Ftg	Copper Ftg	20'-0"	240.000	1-1/2
3	1	Type L Hard Copper Pipe	Copper Ftg	Copper Ftg	20'-0"	240.000	3/4
4	1	Sch 10S A312 EFW 304 PIPE	Grooved End	Grooved End	20'-0"	240.000	4

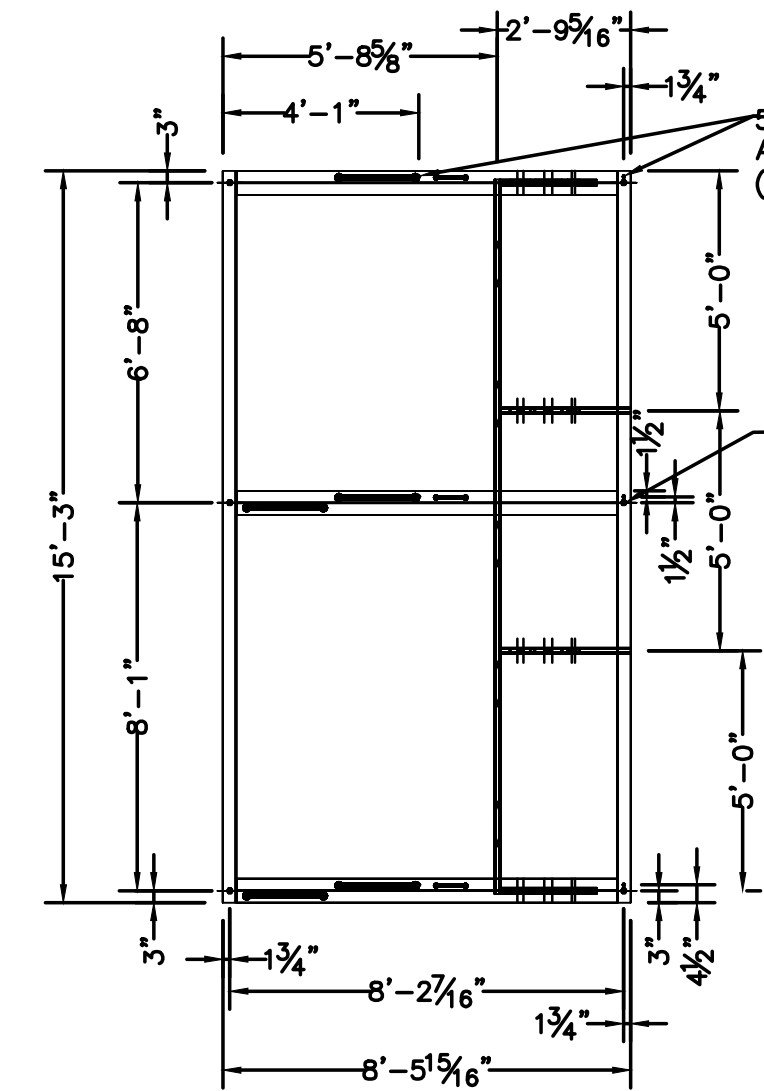
Murphy-PFFS-Ship Loose BOM

Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
5	1	Wrot 601 No Stop Cplg CxC					1-1/2
6	1	Wrot 601 No Stop Cplg CxC					1-1/2
5	1	Wrot 601 No Stop Cplg CxC					1-1/2
6	1	Wrot 601 No Stop Cplg CxC					1-1/2
7	2	Wrot 601 No Stop Cplg CxC					3/4
8	2	Style 107N QuickVic EHP Pnt Rigid Cpl					4

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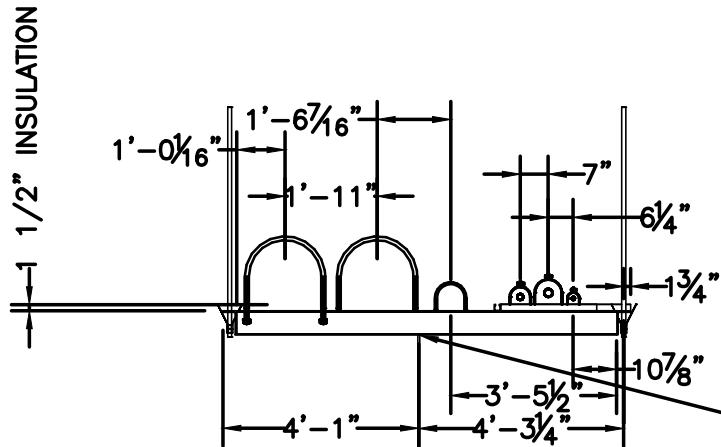
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St. Louis, MO 63132-2303
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FLANGE WEIGHT/ORIENTATION		QA/QC ACCEPT		WUSM RESEARCH BUILDING		DRN JMM		5/5/2021	
FITTING ORIENTATION				NRB CUP		CHK			
BOLTS/CPLG'S/TH'D TIGHT				PIPE RACKS		APP			
SPOOL IDENTIFICATION				SERVICE NAME		JOB NO. 210140			
				CUP LEVEL 02		REF.DWG.			
				QTY. 1		DRAWING NO./TRACKING NO.			
				SHT/NO 1 OF 2		210140-UPL2-2C			
				REV 1					
				DATE					
				REV					
				TIE IN LOCATIONS FOR CPR					
				JMM					
				MURPHY WPS#					
				NA					
				X-RAY					
				NA					
				ASME					
				NA					
				HYDRO TEST					
				NA					
				PWHT					
				NA					
				COMMENTS					
				DRN					
				CHK					
				APP					

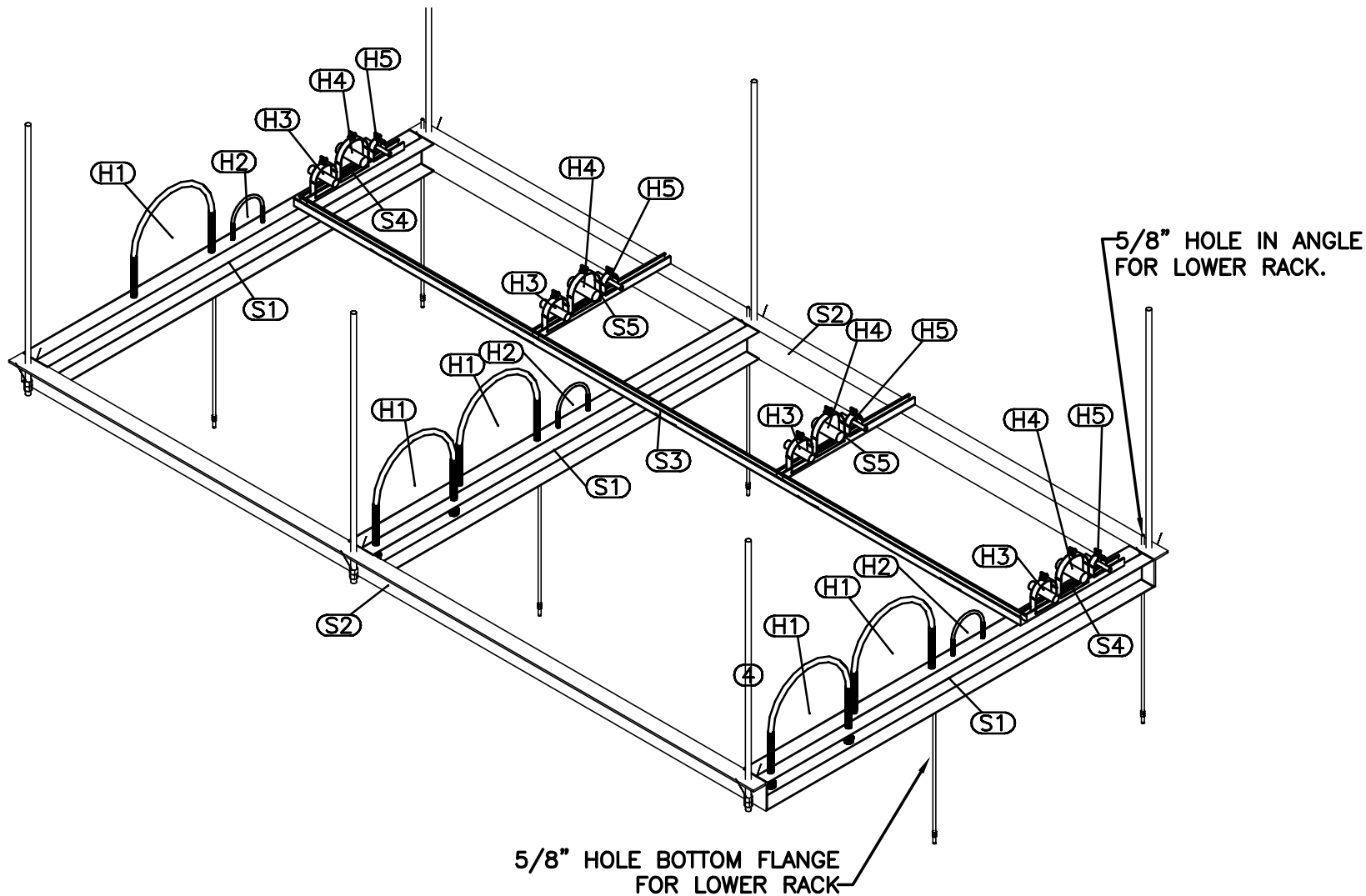


5/8"Ø HOLES FOR RACK UNDERNEATH IN
ANGLE AND ON UNDERSIDE OF BEAM.
(QTY 6 HOLES TOTAL.)

1 1/8"Ø HOLES FOR 1" ROD.



5/8" HOLE IN BOTTOM FLANGE FOR LOWER RACK.



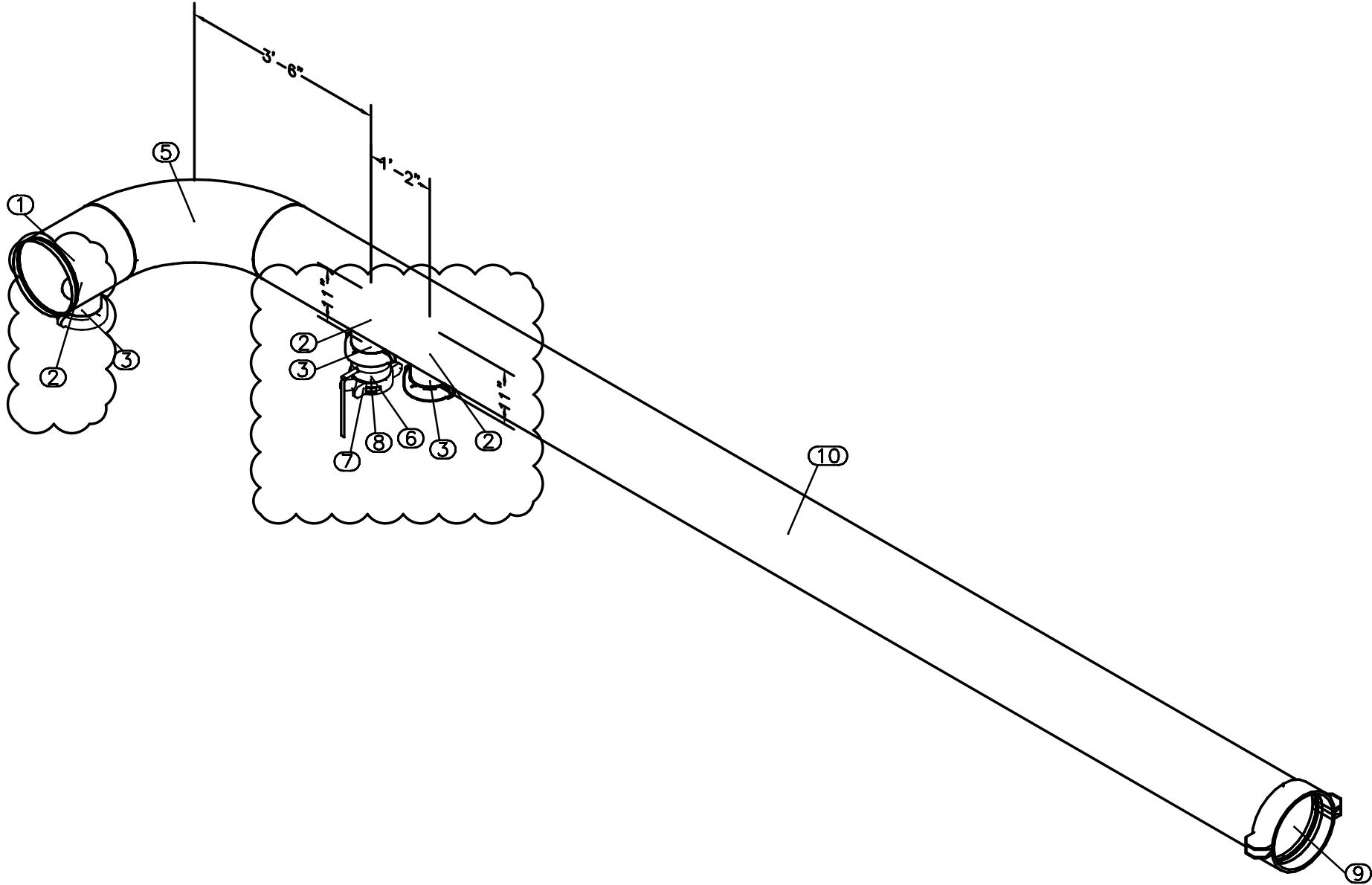
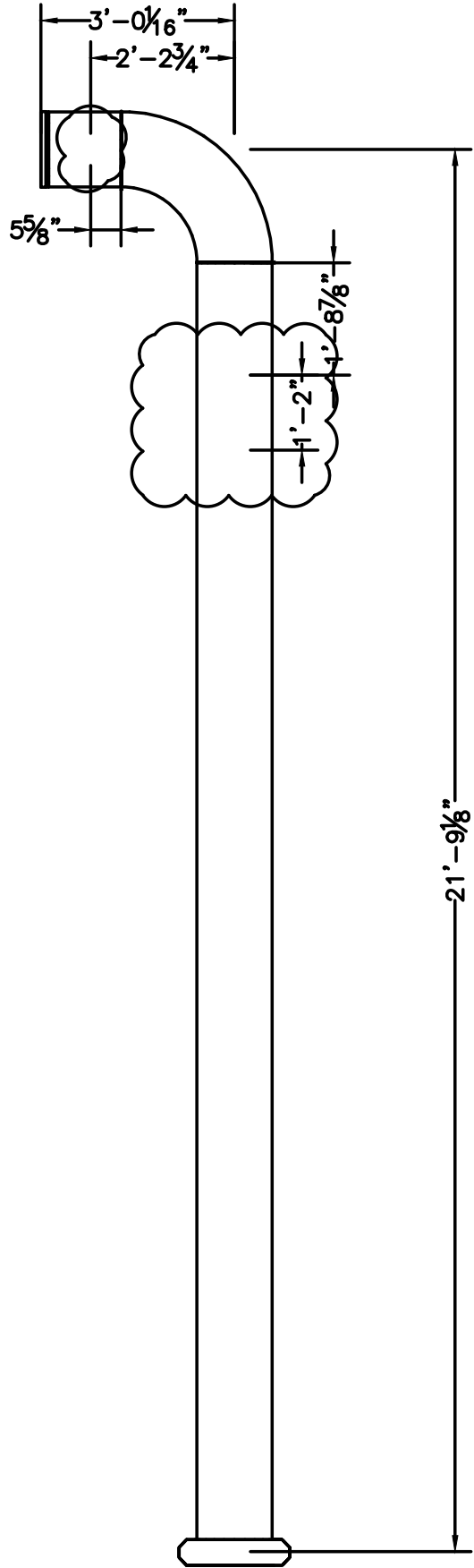
BOM-STEEL

Item No	Order	Description	Qty	Size	Steel L
H1	Fig137	Fig.137 U-Bolt (4)-Nut Black	5	18	
H2	Fig137	Fig.137 U-Bolt (4)-Nut Black	3	6	
H3-1	Pro-Shield CTS 1-1_2"	1-1/2" CAL-SIL Pipe Shield - CTS	4	1-1/2	
H3-2	B2018 ZN	B2000 ZN Sch 40 Pipe Clamp	4	4-1/2	
H4-1	Pro-Shield CTS 2"	2" CAL-SIL Pipe Shield - CTS	4	2	
H4-2	B2020 ZN	B2000 ZN Sch 40 Pipe Clamp	4	6	
H5-1	Pro-Shield CTS 1"	1" CAL-SIL Pipe Shield - CTS	4	3/4	
H5-2	B2014 ZN	B2000 ZN Sch 40 Pipe Clamp	4	2-1/2	
S1	W6x15	ASTM A36 CS Wide Flange	3	W6x15	95"
S2	L6x3-1/2x3/8	ASTM A36 CS Unequal Angle	2	L6x3-1/2x3/8	183"
S3	B22 GRN	1-5/8 GRN 12GA 2in Slotted Unistrut	1	1-5/8x1-5/8	178 3/4"
S4	B22 GRN	1-5/8 GRN 12GA 2in Slotted Unistrut	2	1-5/8x1-5/8	24"
S5	B22 GRN	1-5/8 GRN 12GA 2in Slotted Unistrut	2	1-5/8x1-5/8	32 1/2"

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

DRN	JMM	5/5/2021	WUSM RESEARCH BUILDING		
CHK			NRB CUP		
APP			PIPE RACKS		
JOB NO.	210140	SERVICE NAME	CUP LEVEL 02		
REF.DWG.		QTY.	1	SHT/NO	2 OF 2
DRAWING NO./TRACKING NO.	210140-UPL2-2C	REV	0		



Murphy-PFFS-SPOOL-BOM

Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
2	3	Sch 40 SA-53B CS ERW Pipe Saddle			4"	4.000	14x6
3	3	Style 107 EHP Pnt QuickVic Rigid Coupling					6
6	1	Style 107N QuickVic EHP Pnt Rigid Cpl					6
9	1	Style W07 Rigid Coupling					14
8	1	No 60 Cap					6
7	1	761 MSTRSL Lever Hand MS O Seat					6
5	1	Std Wt SA234 WPB CS BW LR 90 Deg Ell					14
1	1	Std Wt SA-53B CS ERW Pipe PE	Grooved End	BEV	1'-2 15/16"	14.908	14
10	1	Std Wt SA-53B CS ERW Pipe PE	Grooved End	BEV	20'-0"	240.000	14

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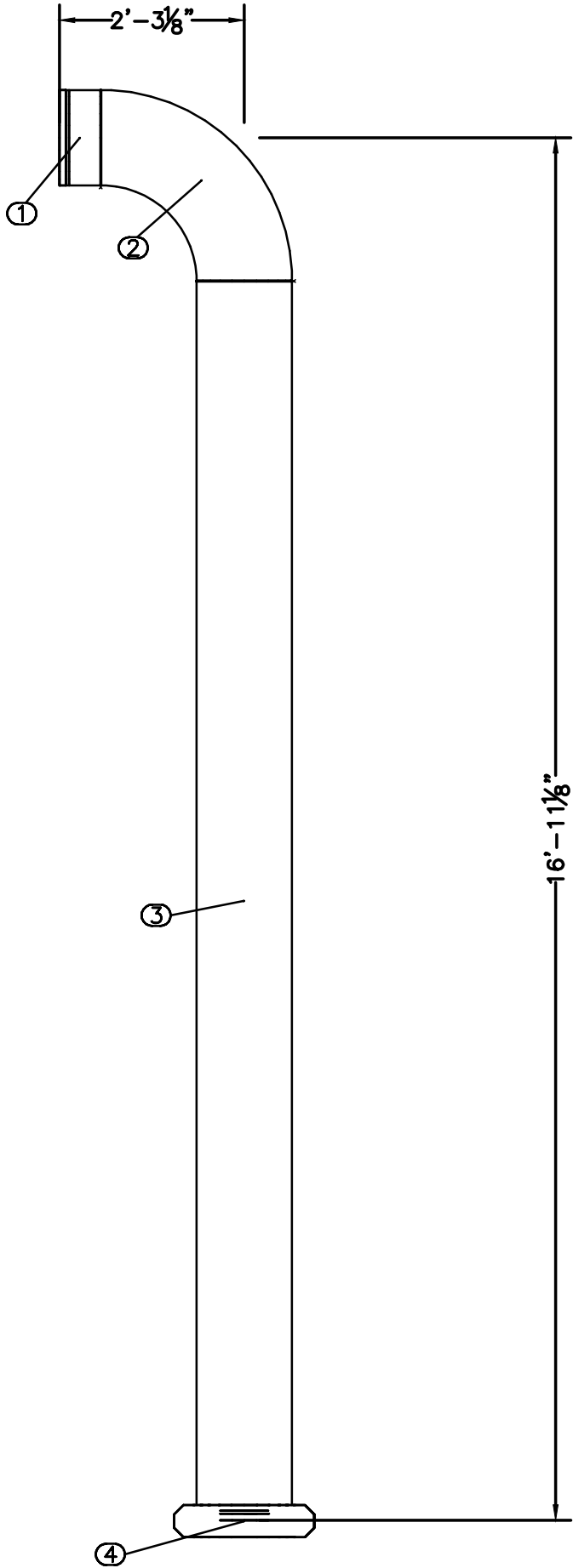
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<input type="checkbox"/>	FLANGE WEIGHT/ORIENTATION
<input type="checkbox"/>	FITTING ORIENTATION
<input type="checkbox"/>	BOLTS/CPLG'S/TH'D TIGHT
<input type="checkbox"/>	SPOOL IDENTIFICATION


QA/QC ACCEPT	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
	NA	NA	NA	NA	MURPHY WPS#

1	6/28/21	CHANGED TIE IN PER CPR			
REV	DATE	DESCRIPTION	DRN	CHK	APP

DRN	JMM	5/10/2021	WUSM RESEARCH BUILDING	
CHK			NRB CUP	
APP			PIPE RACKS	
JOB NO.	210140	SERVICE NAME	UPL2-2C	
REF.DWG.				
DRAWING NO./TRACKING NO.	210140-UPL2-2C-01REV1	QTY.	1	SHT/NO
			1	1 of 1
				REV
				1



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
4	1	Style W07 Rigid Coupling					14
2	1	Std Wt SA234 WPB CS BW LR 90 Deg El					14
1	1	Std Wt SA-53B CS ERW Pipe PE	Grooved End	BEV	6"	6.000	14
3	1	Std Wt SA-53B CS ERW Pipe PE	BW	Grooved End	15'-2"	182.000	14



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☐ FLANGE

☐ WEIGHT/ORIENTATION

☐ FITTING ORIENTATION

☐ BOLTS/CPLG'S/TH'D TIGHT

☐ SPOOL IDENTIFICATION

QA/QC ACCEPT

FLANGE

WEIGHT/ORIENTATION

FITTING ORIENTATION

BOLTS/CPLG'S/TH'D TIGHT

SPOOL IDENTIFICATION

SPEC.

NA

0

ASME

NA

REV

X-RAY

NA

DATE

HYDRO TEST

NA

DESCRIPTION

PWHT

NA

DRN

COMMENTS

MURPHY WPS#

CHK

REV

0

1

0

WUSM RESEARCH BUILDING

NRB CUP

PIPE RACKS

SERVICE NAME

UPL2-2C

QTY.

1

SHT/NO

1 of 1

REV

0

DRN

JMM

5/10/2021

CHK

APP

JOB NO.

210140

REF.DWG.

DRAWING NO./TRACKING NO.

210140-UPL2-2C-02