

CONSTRUCTORS 4-ENGREERS MECHANICAL - INDUSTRIAL

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

WUSM RESEARCH BUILIDING NELL INCHES

NRB

CRU-1/2 FLASH TANK SKID

SERVICE NAME

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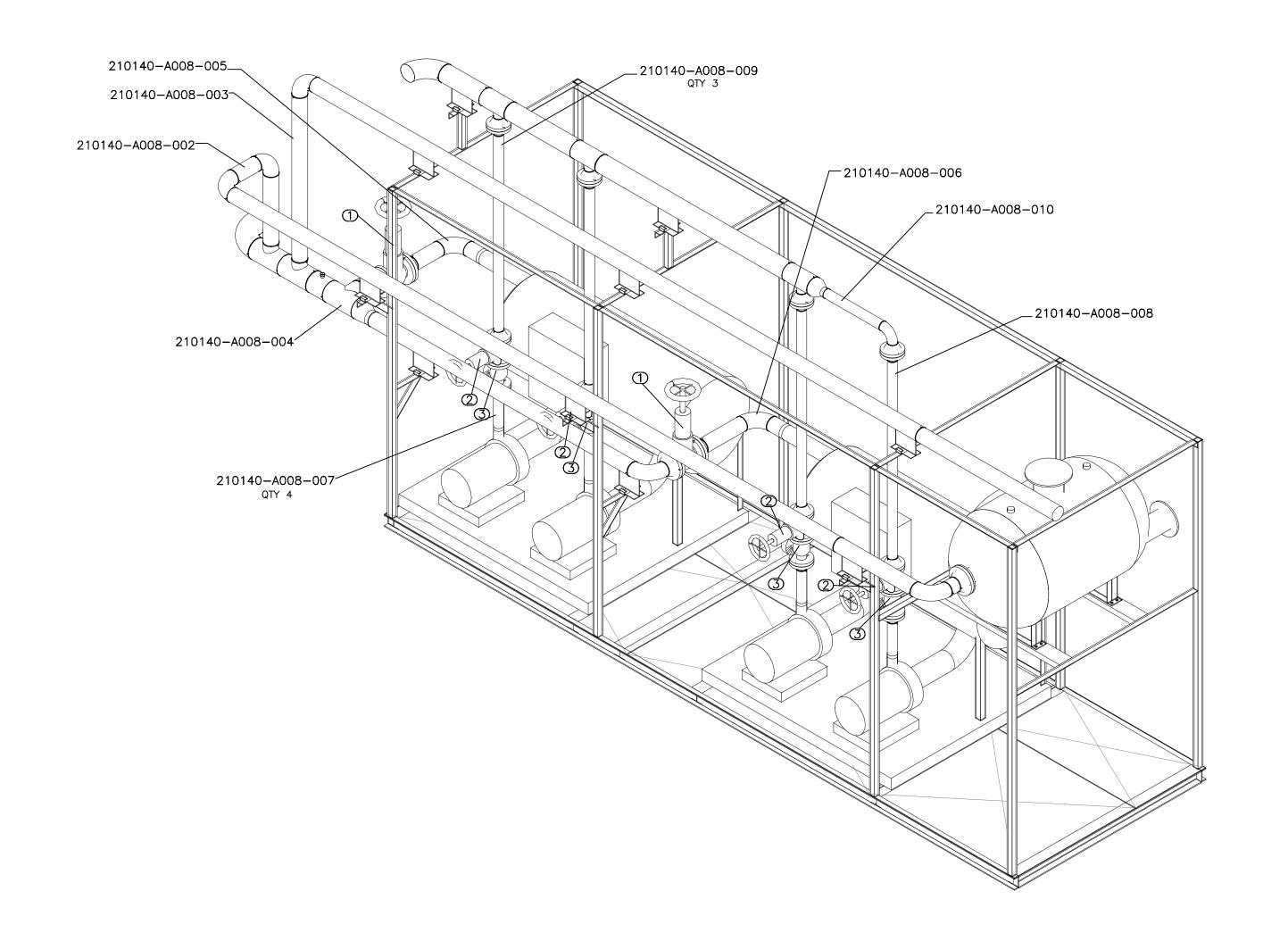
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DRAWING NO./TRACKING NO. 210140-A008

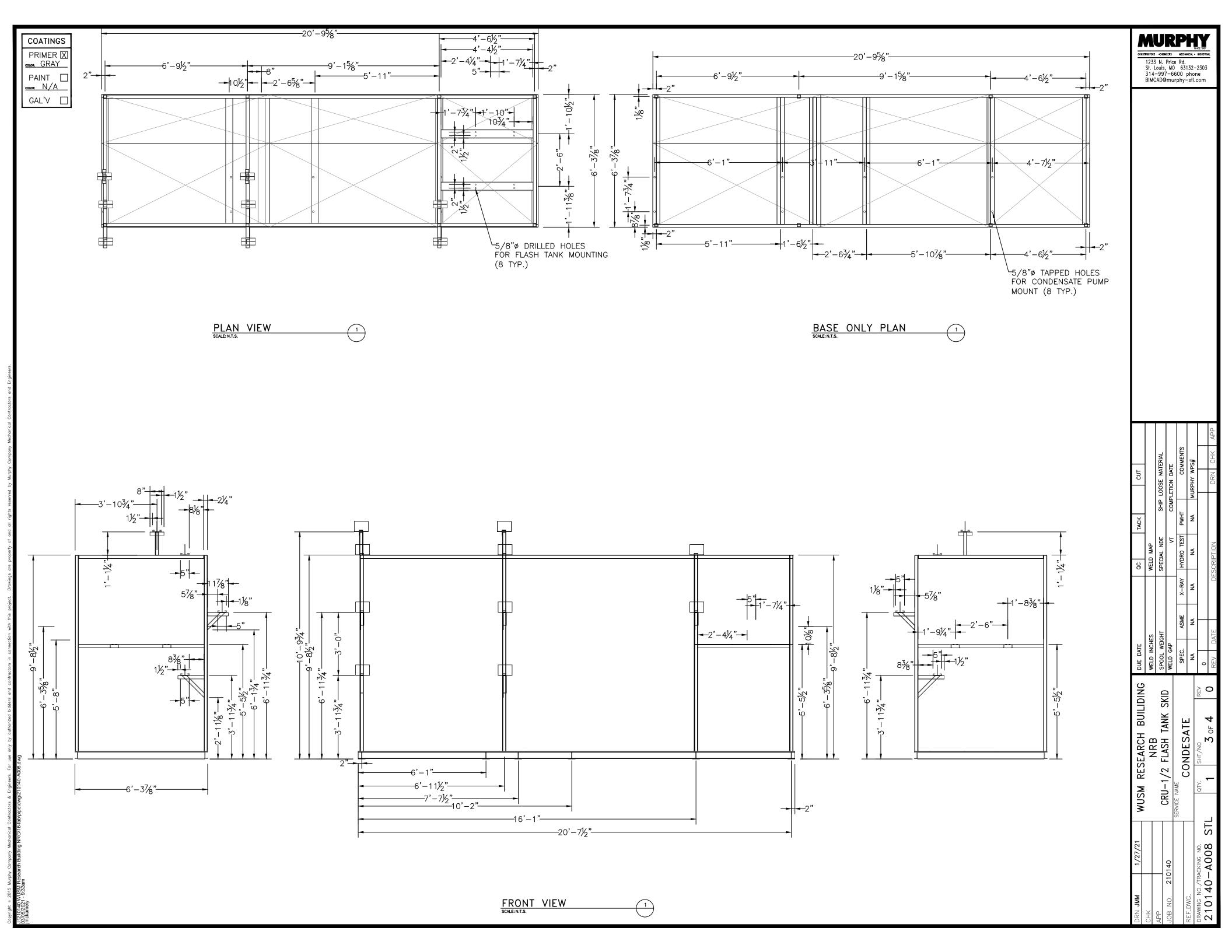
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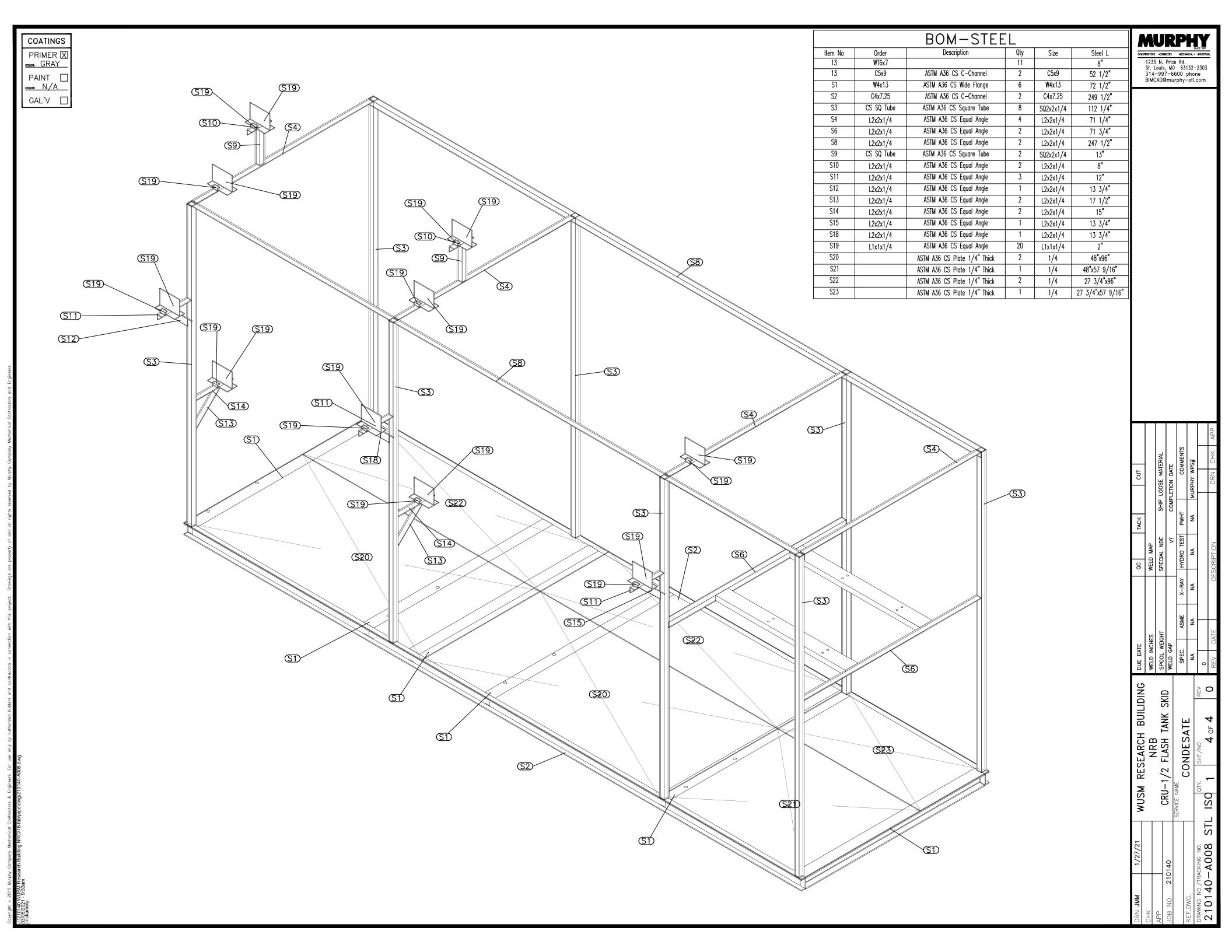
Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
2	4	F-617-0 Gate Valve					2-1/2
1	2	F-617-0 Gate Valve					4
3	4	F-918-B Swing Check					2-1/2
6	6	150# 304 Spiral Wound StyleCG 1-8					4
7	6	150# 304 Spiral Wound StyleCG 1-8					2 1/2"
9	10	150# Bolt up					4 (5/8x3-3/4)
10	6	150# Bolt up					2-1/2 (5/8x3-3/4)
11	2	XYLEM CONDENSATE PUMPS					
12	1	WHEELER TANK FLASH TANK					

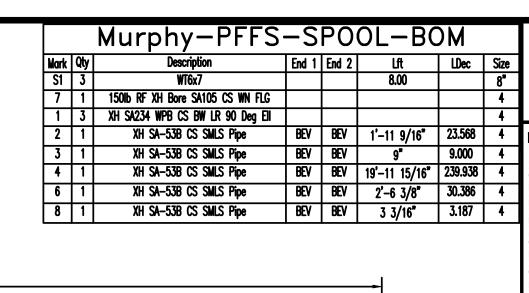
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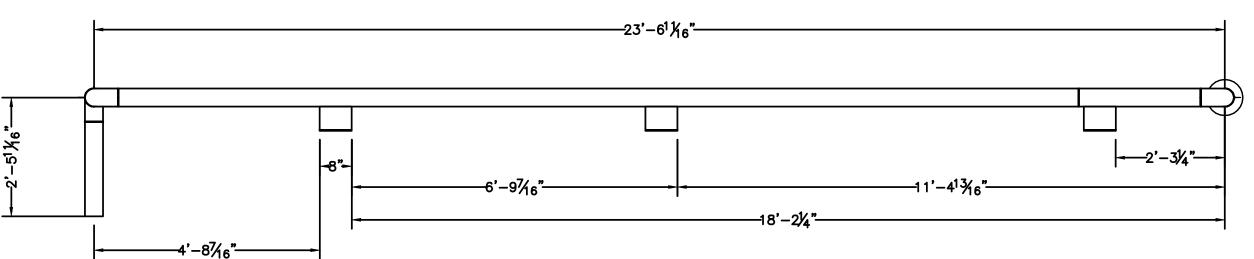


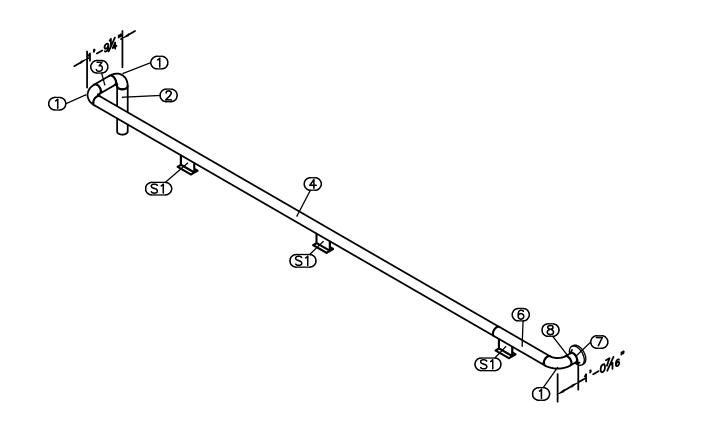
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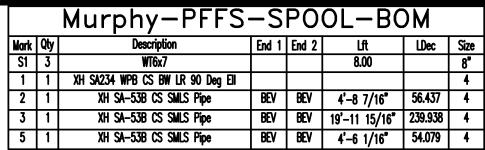
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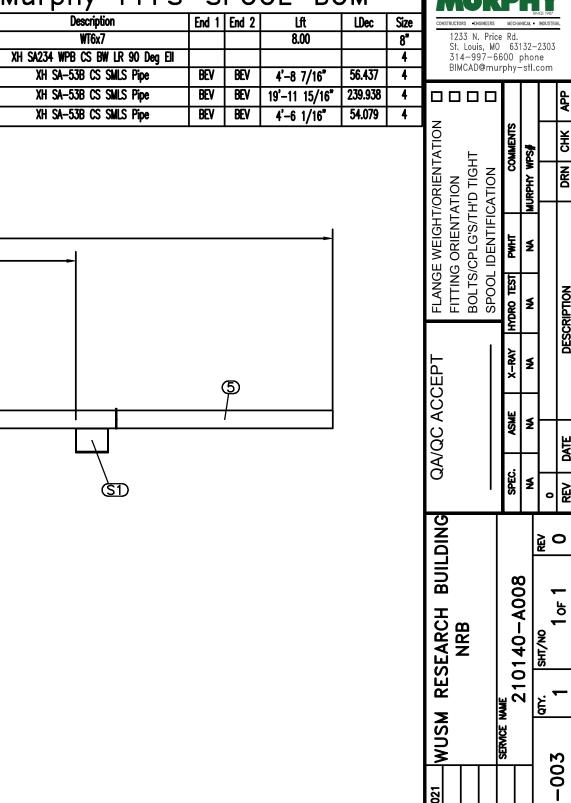
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ATION	SPOOL IDENTIFICATION	SPOOL		
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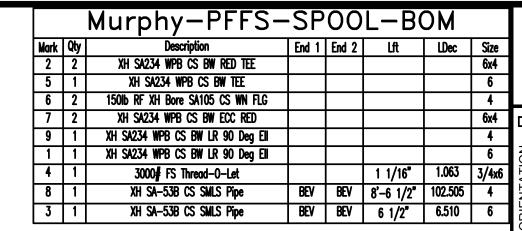
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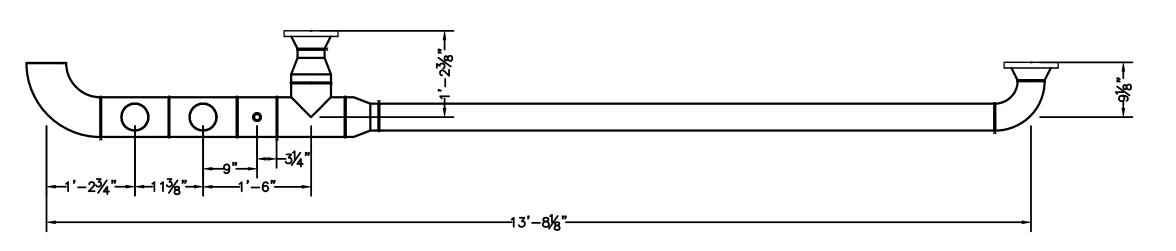


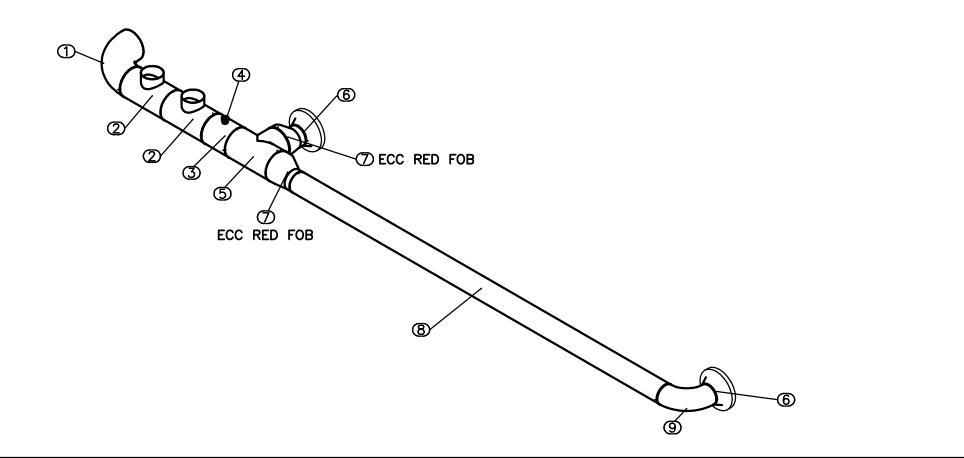


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DRAWING NO./TRACKING NO.
210140-A008-

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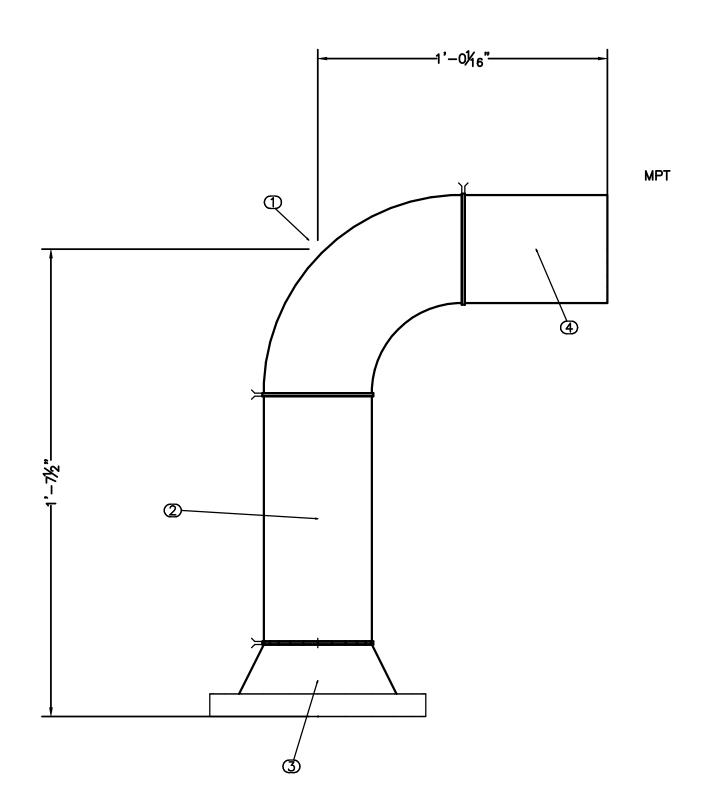
St. Louis, MO 63132-2303
314-997-6600 phone

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		Murphy-PFFS-S	SPC	OL	- B0	М	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
3	1	150lb RF XH Bore SA105 CS WN FLG					4
1	1	XH SA234 WPB CS BW LR 90 Deg Ell					4
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	10 1/4"	10.224	4
4	1	XH SA-53B CS SMLS Pipe	MPT	BEV	5 15/16"	5.938	4

MURPHY
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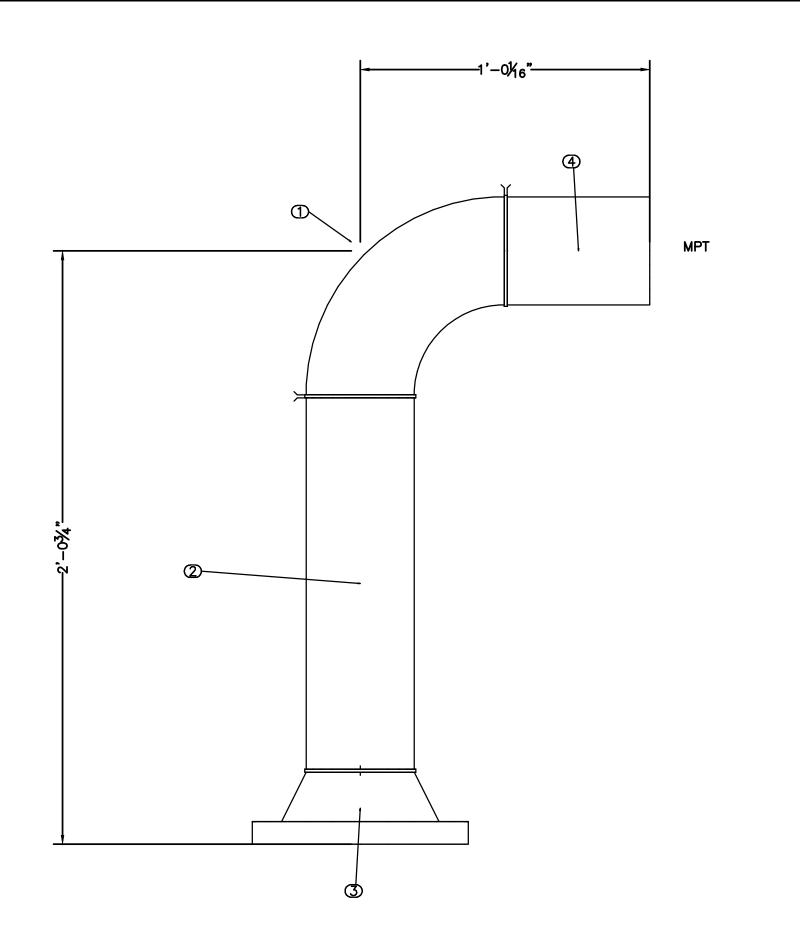
WUSM RESEARCH NRB

0 SERVICE NAME 210140-# NG NO. OD8-005 11 SHT/NO

REF. DWG.

DRAWING NO./TRACKING NO.

210140-A008-005



		Murphy-PFFS-	SPO	OL	. - B0	М		
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size	ı
3	1	150lb RF XH Bore SA105 CS WN FLG					4	ı
1	1	XH SA234 WPB CS BW LR 90 Deg Ell					4	ı
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	1'-3 1/2"	15.469	4	L
4	1	XH SA-53B CS SMLS Pipe	MPT	BEV	5 15/16"	5.938	4	ı

FSFARCH BUILDING		QA/QC ACCEPT	FLANGE	FLANGE WEIGHT/ORIENTATION			
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			BOLTS/C	BOLTS/CPLG'S/TH'D TIGHT	TIGHT		3 N. Louis 1–99 CAD
			SPOOL I	SPOOL IDENTIFICATION	NOI		7-6
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RESEARCH NRB		Z10140-A008	SHT/NO
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WSDW TTW	SERVICE NAME		
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		Murphy-PFFS-S	PO	OL:	-B	OM	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
2	4	150lb RF XH Bore SA105 CS WN FLG					2-1/2
1	4	XH SA-53B CS SMLS Pipe	MPT	BEV	1'-0"	12.000	2-1/2

QTY 4

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1			1'-278"
	MPT		

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——6'–1¾6"—			_2

	Murphy-PFFS-SPOOL-BOM						
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	2	150lb RF XH Bore SA105 CS WN FLG					2-1/2
2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	5'-7 9/16 "	67.555	2-1/2

MURPHY

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	שצע				BOLTS/	CPLG'S/T	BOLTS/CPLG'S/TH'D TIGHT	
		l			SPOOL	SPOOL IDENTIFICATION	CATION	
SERVICE NAME		SPEC	ASME	H	THWO TEST DWHT	DWHT	COMMENTS	
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Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	6	150lb RF XH Bore SA105 CS WN FLG					2-1/2
2	3	XH SA-53B CS SMLS Pipe	BEV	BEV	5'-7 1/16 "	67.055	2-1/2

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

QA/QC ACCEPT WUSM RESEARCH BUILDING NRB S O

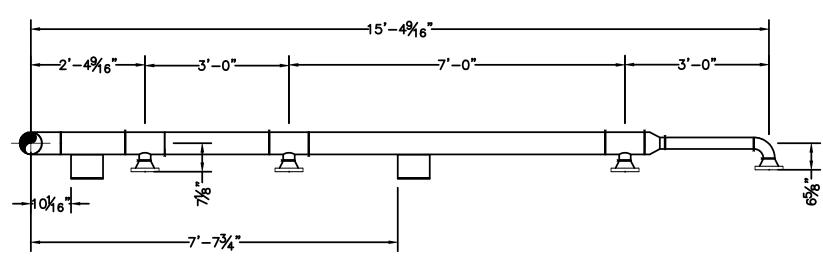
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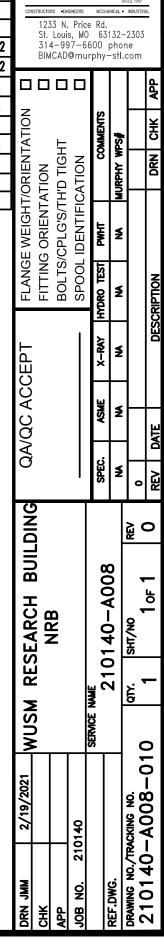
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QTY 3



			Murphy-PFFS-	- S	PO	OL-B	ОМ		
Mo	ırk	Qty	Description	End 1	End 2	Lft	LDec	Size	
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7	П	3	XH SA234 WPB CS BW RED TEE					5x2-1/2	
1	3	1	XH SA234 WPB CS BW CONC RED					5x2-1/2	L
Ţ	5	4	150lb RF XH Bore SA105 CS WN FLG					2-1/2	
1	0	1	XH SA234 WPB CS BW LR 90 Deg EII					2-1/2	_
	П	1	XH SA234 WPB CS BW LR 90 Deg Ell					5	בַּ
	9	1	XH SA-53B CS SMLS Pipe	BEV	BEV	1'-10 1/16"	22.057	2-1/2	I
	2	1	XH SA-53B CS SMLS Pipe	BEV	BEV	1'-3 15/16"	15.966	5	HT/ORIENTATION
	5	1	XH SA-53B CS SMLS Pipe	BEV	BEV	2'-2"	25.990	5	٩
	7	1	XH SA-53B CS SMLS Pipe	BEV	BEV	6'-2"	73.990	5	Ľ



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