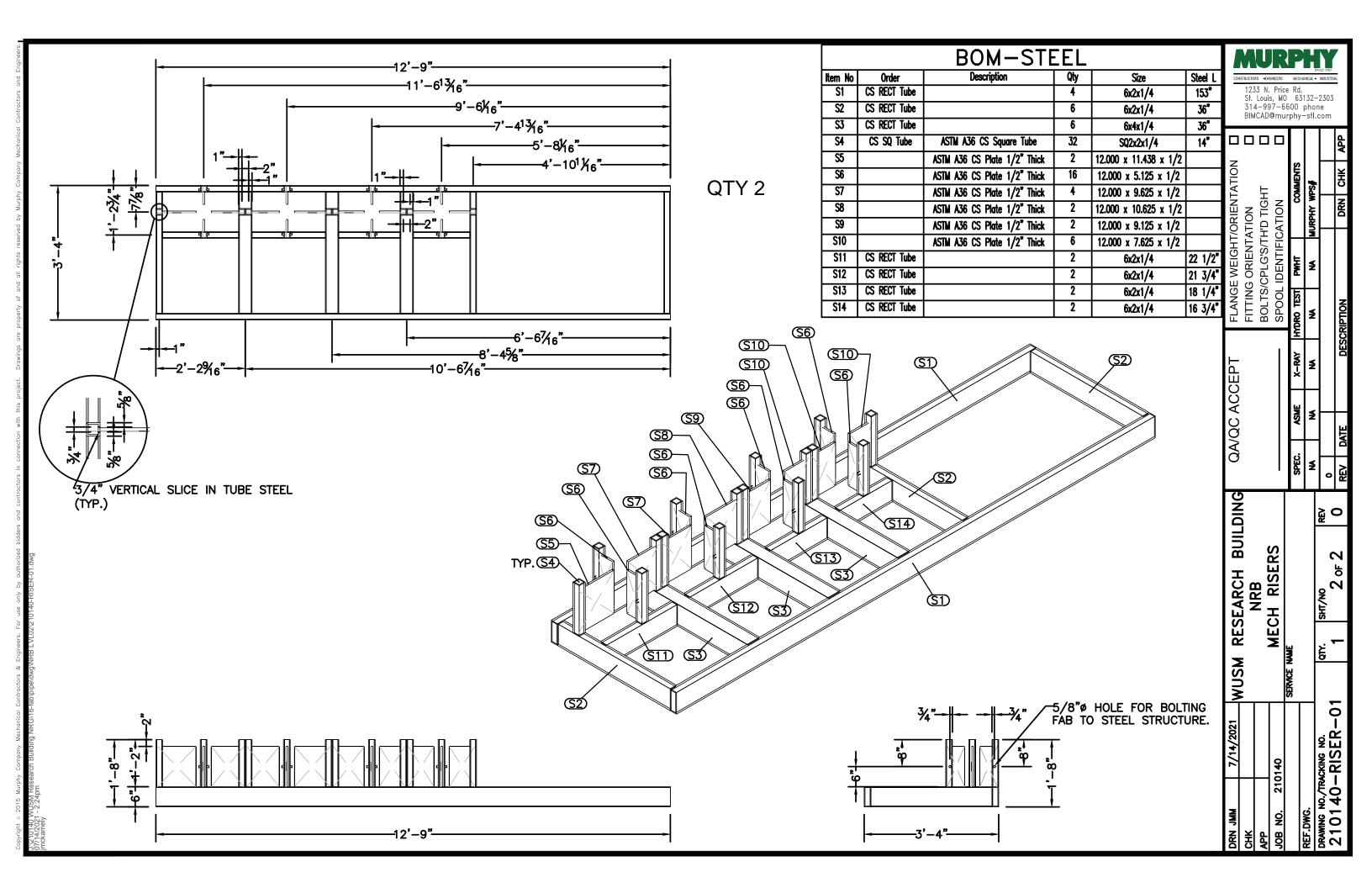
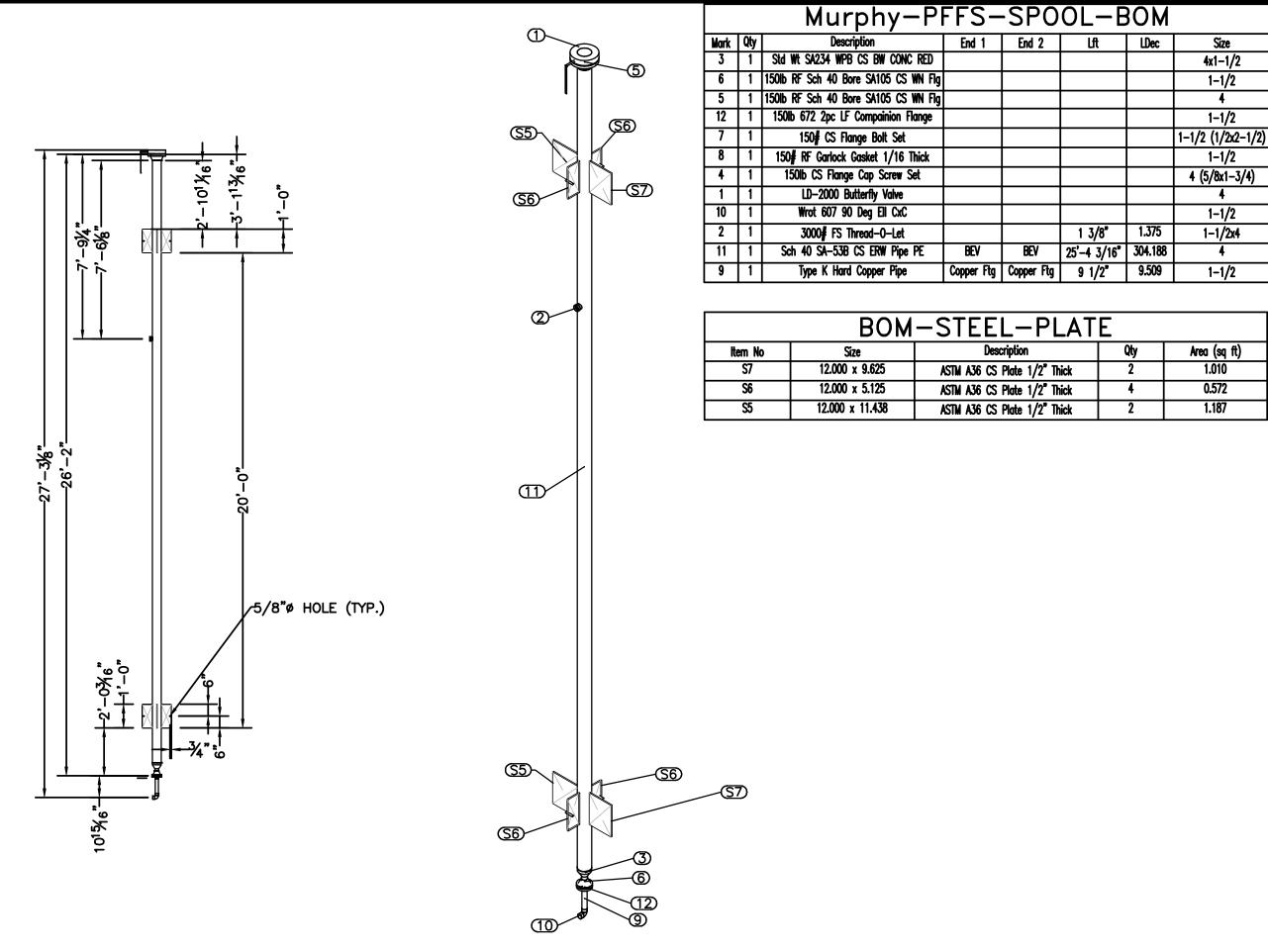


CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIA 1233 N. Price Rd.
St. Louis, M0 63132–2303
314–997–6600 phone
BIMCAD@murphy-stl.com FLANGE WEIGHT/ORIENTATION
FITTING ORIENTATION
BOLTS/CPLG'S/TH'D TIGHT
SPOOL IDENTIFICATION QA/QC ACCEPT I RESEARCH BUILDING NRB MECH RISERS <u>ه</u> 0 WUSM REF.DWG.
DRAWING NO./TRACKING NO.
210140-RISER-01





CONSTRUCTORS •ENGINEERS MECHANICAL • INDUSTR 1233 N. Price Rd. St. Louis, MO 63132-2303

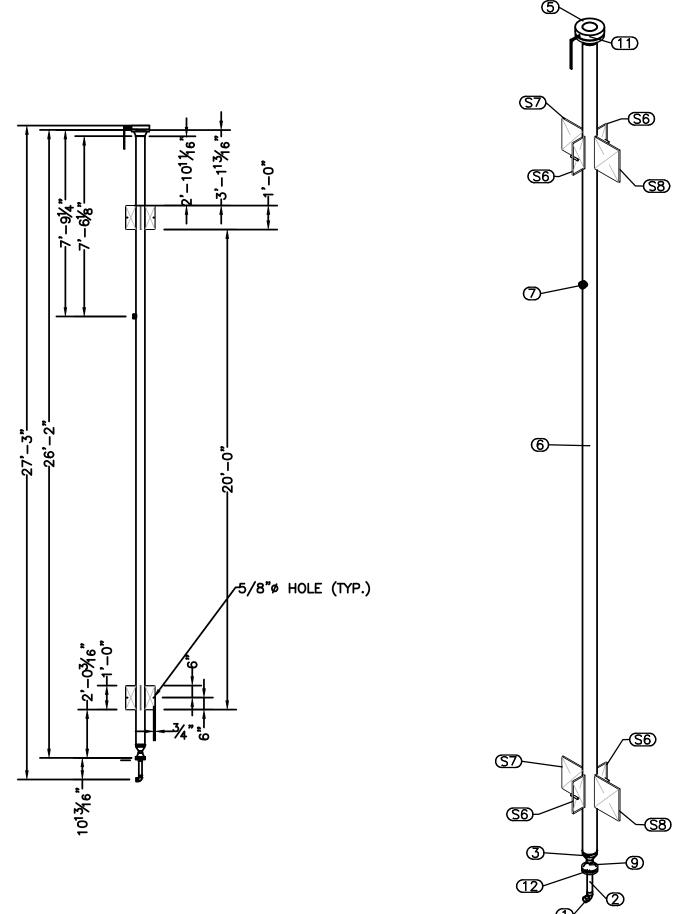
314-997-6600 phone BIMCAD@murphy-stl.com  $\square$   $\square$   $\square$   $\square$   $\square$   $\square$ 

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MECH	SERVICE NAME	210140-RISE	QTY. SHT/NG	1-01
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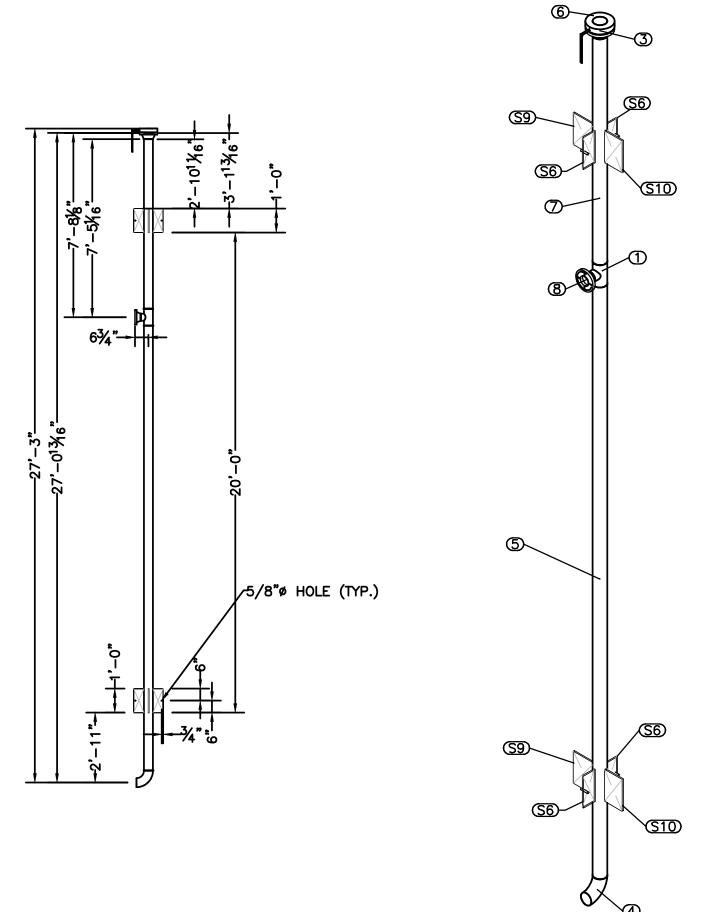
		Murphy-Pl	FFS-	-SPO	OL-E	30M		
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size	
3	1	Std Wt SA234 WPB CS BW CONC RED					4x1-1/2	
9	1	150lb RF Sch 40 Bore SA105 CS WN Flg					1-1/2	
11	1	150lb RF Sch 40 Bore SA105 CS WN Flg					4	
12	1	150lb 672 2pc LF Compainion Flange					1-1/2	1
8	1	150# CS Flange Bolt Set					1-1/2 (1/2x2-1/2)	1.
10	1	150# RF Garlock Gasket 1/16 Thick					1-1/2	
4	1	150lb CS Flange Cap Screw Set					4 (5/8x1-3/4)	
5	1	LD-2000 Butterfly Valve					4	Hi
1	1	Wrot 607 90 Deg Ell CxC					1-1/2	H
7	1	3000∦ FS Thread-0-Let			1 3/8"	1.375	1-1/2x4	Hi
6	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	25'-4 3/16"	304.188	4	
2	1	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	9 3/8"	9.368	1-1/2	I

	ВОМ	-STEEL-PLAT	E	
Item No	Size	Description	Qty	Area (sq ft)
S6	12.000 x 5.125	ASTM A36 CS Plate 1/2" Thick	4	0.572
<b>S7</b>	12.000 x 9.625	ASTM A36 CS Plate 1/2" Thick	2	1.010
S8	12.000 x 10.625	ASTM A36 CS Plate 1/2" Thick	2	1.108

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	SINICE 1007

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St. Louis			
314-99	7-66	00	phone
BIMCAD@	mur	ohy-	-stl.com

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Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA234 WPB CS BW RED TEE					4x3
8	1	150lb RF Sch 40 Bore SA105 CS WN Flg					3
3	1	150lb RF Sch 40 Bore SA105 CS WN Flg					4
2	1	150lb CS Flange Cap Screw Set					4 (5/8x1-3/4)
6	1	LD—2000 Butterfly Valve					4
4	1	Std Wt SA234 WPB CS BW LR 90 Deg Ell					4
5	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	18'-6 5/16"	222.292	4
7	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	7'-0 3/4"	84.779	4

	ВОМ-	-STEEL-PLA	TE	
Item No	Size	Description	Qty	Area (sq ft)
S6	12.000 x 5.125	ASTM A36 CS Plate 1/2" Thick	4	0.572
S9	12.000 x 9.125	ASTM A36 CS Plate 1/2" Thick	2	0.962
S10	12.000 x 7.625	ASTM A36 CS Plate 1/2" Thick	2	0.816

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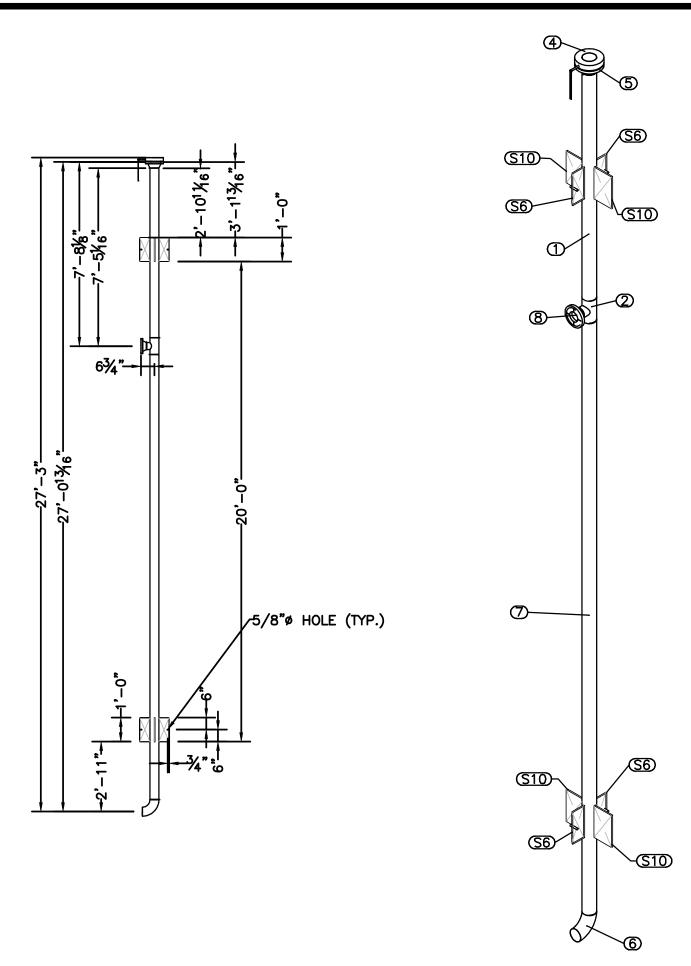
CONSTRUCTORS •ENGINEERS MECHANICAL • INDUSTRIAL 1233 N. Price Rd. St. Louis, MO 63132-2303 314-997-6600 phone BIMCAD@murphy-stl.com

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Mark	Qty	Description	End 1	End 2	Lft	LDec	Size	
2	1	Std Wt SA234 WPB CS BW RED TEE					4x3	
8	1	150lb RF Sch 40 Bore SA105 CS WN Flg					3	
5	1	150lb RF Sch 40 Bore SA105 CS WN Flg					4	
3	1	150lb CS Flange Cap Screw Set					4 (5/8x1-3/4)	[
4	1	LD—2000 Butterfly Valve					4	
6	1	Std Wt SA234 WPB CS BW LR 90 Deg Ell					4	ć
1	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	7'-0 11/16"	84.691	4	į
7	1	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	18'-6 5/16"	222.292	4	1 0 H 4 H 4 H

	BOM-	-STEEL-PLA	TE	
Item No	Size	Description	Qty	Area (sq ft)
S6	12.000 x 5.125	ASTM A36 CS Plate 1/2" Thick	4	0.572
S10	12.000 x 7.625	ASTM A36 CS Plate 1/2" Thick	4	0.816

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SNCE 1907
CONSTRUCTORS CHARLES MECHANICAL MODISTRIA

1233 N. Price Rd.
St. Louis, M0 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

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