



Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
9	4	Std Wt SA234 WPB CS BW CONC RED					14x12
4	4	150lb RF Sch 40 Bore SA105 CS WN Flg					12
13	12	150lb RF Sch 40 Bore SA105 CS WN Flg					14
8	12	Style W77 Rigid Coupling					14
2	4	150# CS Flange Bolt Set					12 (7/8x4-1/4)
5	4	150# FF Carlock Gasket 1/16 Thick					12
14	16	150lb CS Flange Cap Screw Set					14 (1x2-3/4)
17	4	LD-1000 Butterfly Valve					14
10	4	150 lb Brz 2pc FP Ball Valve Thd					2
6	4	Std Wt SA234 WPB CS BW LR 90 Deg Ell					14
11	4	3000# FS Thread-O-Let			1 1/2"	1.500	2x14
3	4	Std Wt SA-53B CS ERW Pipe PE	Grooved End	BEV	1'-10 1/16"	22.041	14
16	4	Std Wt SA-53B CS ERW Pipe PE	BEV	BEV	4"	3.993	14
1	8	Std Wt SA-53B CS ERW Pipe PE	Grooved End	Grooved End	10"	10.000	14
7	4	Std Wt SA-53B CS ERW Pipe PE	BEV	Grooved End	6"	6.000	14
12	4	Std SA-53B CS Smls Pipe NIP x 3	MPT	MPT	3"	3.000	2
15	4	Valve-Butterfly-2_Way-Belimo-F6_SY4_S Y5_SY6-Non_Spring_14.00 in_F6350HD+SY5-120MFT					14

MURPHY
CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL

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

FLANGE WEIGHT/ORIENTATION		FITTING ORIENTATION		BOLTS/CPLG'S/TH'D TIGHT		SPOOL IDENTIFICATION	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
QA/QC ACCEPT		WUSM RESEARCH BUILDING		NRB		LVLO3 CT SPOOLS	
SPEC.		ASME		X-RAY		HYDRO TEST	
NA		NA		NA		NA	
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION		MURPHY WPS#	
0							
REV		DATE		DESCRIPTION			