



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

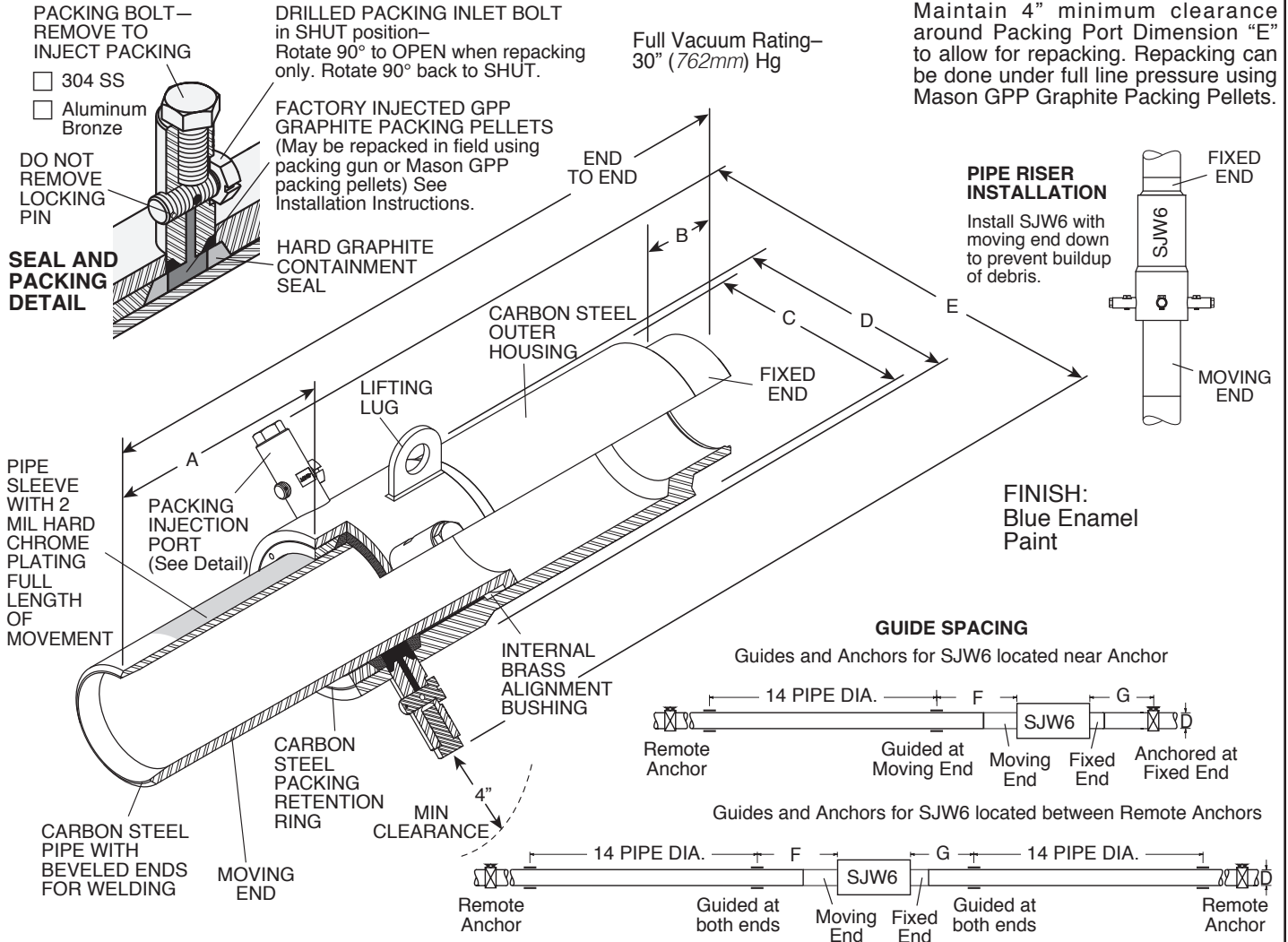
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

SJW6

6" (150mm) Compression
1" (25mm) Extension
SLIP JOINT
with **CARBON STEEL**
WELD ENDS



SJW6 DIMENSIONS AND PRESSURE RATINGS (American & Metric Units) 6" (150mm) COMPRESSION, 1" (25mm) EXTENSION
All dimensions below are for these movements. SJW6 can be precompressed for chilled water applications.

Pipe Size (in) (mm)	End to End (in) (mm)	A (in) (mm)	B (in) (mm)	C (in) (mm)	D (in) (mm)	E (in) (mm)	F (in) (mm)	G (in) (mm)	Friction Force (lbs) (kgs)	Thrust Force* @ 250 psi 17 bar (lbs) (kgs)	Rated Pressure @ 480°F 250°C (psi) (kg/cm ²)	No. of Ports
2 50	253/8 645	91/4 235	11/2 38	3 76	33/4 95	101/4 261	16 406	8 203	1102 500	725 329	250 17	2
2 1/2 65	253/4 655	91/4 235	11/2 38	33/4 95	41/2 114	11 279	16 406	10 254	1281 581	1220 553	250 17	2
3 80	261/4 667	91/4 235	11/2 38	41/2 114	51/4 133	113/4 298	16 406	10 254	1596 724	1970 893	250 17	2
4 100	261/2 673	91/4 235	13/4 45	53/4 146	61/4 159	123/4 324	16 406	12 305	1956 887	2910 1320	250 17	4
5 125	273/4 706	93/8 238	2 51	65/8 168	75/8 194	141/8 359	16 406	14 356	2743 1244	4750 2155	250 17	4
6 150	283/8 722	93/8 238	2 1/8 56	8 203	85/8 219	151/8 384	16 406	16 406	3754 1703	6850 3107	250 17	6
8 200	285/8 728	93/8 238	2 1/4 57	101/4 260	107/8 273	173/8 441	18 457	18 457	4811 2182	12160 5156	250 17	6
10 250	293/8 745	93/8 238	2 3/8 60	121/4 310	127/8 325	193/8 492	22 559	22 559	6879 3120	19780 8972	250 17	8
12 300	305/8 778	93/8 238	2 5/8 67	143/8 365	147/8 377	213/8 542	24 610	24 610	8093 3671	28720 13027	250 17	8
14 350	32 813	93/8 238	2 5/8 67	155/8 395	161/8 410	225/8 575	28 711	28 711	9015 4089	34350 15581	250 17	10

*Lower Thrust Forces in proportion at lower pressures, i.e. 100 psi Force = 100/250 x published Thrust. Forces on Pipe Anchors must include Thrust Force and Friction Force. Friction Force is constant regardless of travel.

SJW's installed in piping systems must be anchored on both sides of the joint. SJW's installed in unanchored piping must have control rods.

QTY	SIZE	TAG	QTY	SIZE	TAG

Certification Form S-593 05/2017	DWN	CHKD	DATE	DWG No.
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