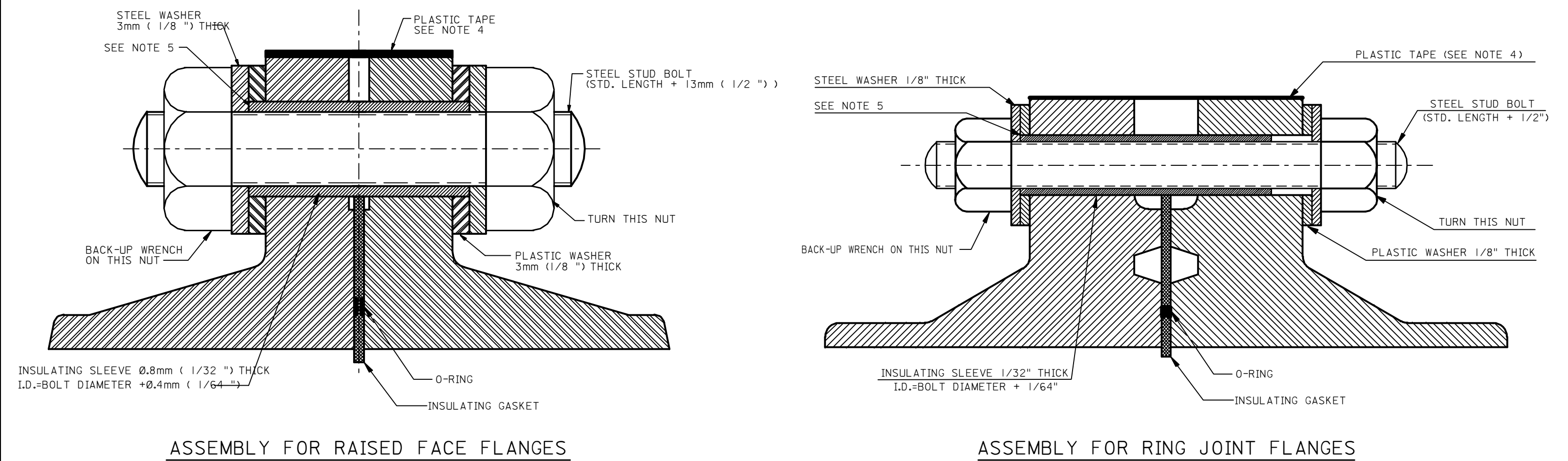


61	100	99890-77	X/7	066
REV. NO.	SHT. NO.	DRAWING NUMBER	INDEX	PLANT NO.

CLASS 150 RAISED FACE																							
NOM. PIPE SIZE	STUD BOLT					STEEL WASHER			INSULATING WASHER			INSULATING SLEEVE			SAMS NO. OF INSULATING KIT	SAMS NO. OF INSULATING GASKET							
	SIZE		NO. REQ'D	SAMS NO.	I.D. x O.D.	NO. REQ'D	I.D. x O.D.		NO. REQ'D	LENGTH		NO. REQ'D											
	In.	Inches					mm.	In.		mm.	In.		mm.	In.			mm.						
1	1/2	x 70	1/2	x 2	3/4	10-354-330	16	x 29	5/8	x 1	1/8	16	x 29	5/8	x 1	1/8	44	1.745	4	06-267-100	06-266-100		
2	5/8	x 89	5/8	x 3	1/2	10-354-372	17	x 33	21/32	x 1	5/16	16	x 33	3/4	x 1	5/16	54	2.125	4	06-267-120	06-266-120		
3	5/8	x 102	5/8	x 4	4	10-354-378	17	x 33	21/32	x 1	5/16	16	x 33	3/4	x 1	5/16	64	2.505	4	06-267-130	06-266-130		
4	5/8	x 102	5/8	x 4	8	10-354-378	17	x 33	21/32	x 1	5/16	16	x 33	3/4	x 1	5/16	64	2.505	8	06-267-140	06-266-140		
6	3/4	x 114	3/4	x 4	1/2	10-354-448	20	x 38	25/32	x 1	1/2	16	22	x 38	7/8	x 1	1/26	67	2.625	8	06-267-160	06-266-160	
8	3/4	x 114	3/4	x 4	1/2	10-354-448	20	x 38	25/32	x 1	1/2	16	22	x 38	7/8	x 1	1/26	73	2.885	8	06-267-170	06-266-170	
10	7/8	x 127	7/8	x 5	12	10-354-545	23	x 44	29/32	x 1	3/4	24	25	x 44	1	x 1	3/4	24	76	3.005	12	06-267-180	06-266-180
12	7/8	x 127	7/8	x 5	12	10-354-545	23	x 44	29/32	x 1	3/4	24	25	x 44	1	x 1	3/4	24	79	3.125	12	06-267-190	06-266-190
14	1	x 140	1	x 5	1/2	10-354-636	26	x 51	1-1/32	x 2	24	29	x 51	1	1/8	x 2	24			12			
16	1	x 152	1	x 6	16	10-354-642	26	x 51	1-1/32	x 2	32	29	x 51	1	1/8	x 2	32	89	3.505	16	06-267-200	06-266-200	
18	1	x 165	1	x 6	1/8	10-355-682	29	x 56	1-5/32	x 2	3/16	32	x 56	1	1/4	x 2	3/16	75	3.745	16	06-267-210	06-266-210	
20	1	x 178	1	x 6	1/2	10-355-682	29	x 56	1-5/32	x 2	3/16	32	x 56	1	1/4	x 2	3/16	102	4.005	20	06-267-220	06-266-220	
22	1	x 178	1	x 7	20	10-355-769	33	x 60	1-9/32	x 2	3/8	35	x 60	1	3/8	x 2	3/8			20			
24	1	x 178	1	x 7	20	10-355-775	33	x 60	1-9/32	x 2	3/8	35	x 60	1	3/8	x 2	3/8	111	4.385	20	06-267-230	06-266-230	
26	1	x 178	1	x 7	20	10-355-799	33	x 60	1-9/32	x 2	3/8	35	x 60	1	3/8	x 2	3/8			24			
28	1	x 178	1	x 7	20	10-355-799	33	x 60	1-9/32	x 2	3/8	35	x 60	1	3/8	x 2	3/8			28			
30	1	x 178	1	x 7	20	10-355-805	33	x 60	1-9/32	x 2	3/8	35	x 60	1	3/8	x 2	3/8	165	6.505	28	06-267-240	06-266-240	
32	1	x 178	1	x 7	20	10-355-929	39	x 71	1-17/32	x 2	3/16	64	x 71	1	5/8	x 2	3/16			28			
34	1	x 178	1	x 7	20	10-355-929	39	x 71	1-17/32	x 2	3/16	64	x 71	1	5/8	x 2	3/16			32			
36	1	x 178	1	x 7	20	10-355-933	39	x 71	1-17/32	x 2	3/16	64	x 71	1	5/8	x 2	3/16	197	7.745	32	06-267-250	06-266-250	
38	1	x 178	1	x 7	20	10-355-935	39	x 71	1-17/32	x 2	3/16	64	x 71	1	5/8	x 2	3/16			32			
40	1	x 178	1	x 7	20	10-355-937	39	x 71	1-17/32	x 2	3/16	72	x 71	1	5/8	x 2	3/16	197	7.745	36	06-267-260	06-266-260	
42	1	x 178	1	x 7	20	10-355-937	39	x 71	1-17/32	x 2	3/16	72	x 71	1	5/8	x 2	3/16	209	8.245	36	06-267-270	06-266-270	
44	1	x 178	1	x 7	20	10-355-939	39	x 71	1-17/32	x 2	3/16	80	x 71	1	5/8	x 2	3/16			40			
46	1	x 178	1	x 7	20	10-355-941	39	x 71	1-17/32	x 2	3/16	80	x 71	1	5/8	x 2	3/16	222	8.745	40	06-267-280	06-266-280	
48	1	x 178	1	x 7	20	10-355-945	39	x 71	1-17/32	x 2	3/16	88	x 71	1	5/8	x 2	3/16	232	9.125	44	06-267-290	06-266-290	

NOM. PIPE SIZE	CLASS 600 RAISED FACE																					
	STUD BOLT				STEEL WASHER				INSULATING WASHER				INSULATING SLEEVE				SAMS NO. OF INSULATING KIT		SAMS NO. OF INSULATING GASKET			
	SIZE		NO. REQ'D.	SAMS NO.	I.D. x O.D.		NO. REQ'D.	I.D. x O.D.		NO. REQ'D.	LENGTH		NO. REQ'D.									
	in.	mm.			in.	mm.		in.	mm.		in.	mm.		in.	mm.							
2	5/8	x 114	5/8	x 4	1/2	10-354-384	17	x 33	21/32	x 1	5/16	16	x 33	3/4	x 1	5/16	82	3.245	8	06-268-110	06-265-110	
3	3/4	x 140	3/4	x 5	1/2	10-354-460	20	x 38	25/32	x 1	1/2	16	x 38	7/8	x 1	1/8	95	3.745	8	06-268-140	06-265-140	
4	7/8	x 152	7/8	x 6	8	10-354-550	23	x 44	29/32	x 1	3/4	16	x 44	1	x 1	3/4	108	4.245	8	06-268-170	06-265-170	
6	1	x 178	1	x 7	12	10-354-654	26	x 51	1-1/32	x 2	24	29	x 51	1	1/8	x 2	129	5.068	12	06-268-210	06-265-210	
8	1	1/8	x 203	1/8	x 8	12-355-700	29	x 56	1-5/32	x 2	3/16	24	32	x 56	1	1/4	x 2	144	5.688	12	06-268-250	06-265-250
10	1	1/4	x 229	1/4	x 9	16-355-793	33	x 60	1-9/32	x 2	3/8	32	35	x 60	1	3/8	x 2	160	6.308	16	06-268-290	06-265-290
12	1	1/4	x 229	1/4	x 9	20-355-793	33	x 60	1-9/32	x 2	3/8	40	35	x 60	1	3/8	x 2	167	6.568	20	06-268-330	06-265-330
14	1	3/8	x 241	3/8	x 9	120-355-877	36	x 67	1-13/32	x 2	5/8	40	38	x 67	1	1/2	x 2	173	6.808	20	06-268-370	06-265-370
16	1	1/2	x 261	1/2	x 10	202-355-927	39	x 71	1-17/32	x 2	3/16	40	41	x 71	1	5/8	x 2	186	7.308	20	06-268-410	06-265-410
18	1	5/8	x 279	5/8	x 10	120-355-954	42	x 78	1-21/32	x 3	1/16	40	44	x 78	1	3/4	x 3	198	7.808	20	06-268-440	06-265-440
20	1	5/8	x 309	5/8	x 12	120-355-958	42	x 78	1-21/32	x 3	1/16	48	44	x 78	1	3/4	x 3	198	8.308	24	06-268-460	06-265-460
22	1	3/4	x 343	3/4	x 13	202-355-984	45	x 83	1-25/32	x 3	1/4	48	48	x 83	1	7/8	x 3		24			
24	1	7/8	x 343	7/8	x 13	242-355-996	48	x 87	1-29/32	x 3	7/16	48	51	x 87	2	x 3	7/16	236	9.308	24	06-268-500	06-265-500
26	1	7/8	x 356	7/8	x 14	428	-	48	x 87	1-29/32	x 3	7/16	56	51	x 87	2	x 3	7/16		28		
28	2	x 362	2	x 14	1/4	28	-	52	x 94	2-1/32	x 3-11/16	56	54	x 94	2	1/8	x 3-11/16		28			
30	2	x 368	2	x 14	1/2	28	-	52	x 94	2-1/32	x 3-11/16	56	54	x 94	2	1/8	x 3-11/16	249	9.808	28	06-268-610	06-265-610
32	2	1/4	x 394	1/4	x 15	282	-	58	x 105	2-9/32	x 4	1/8	56	60	x 105	2	3/8	x 4	56	28		
34	2	1/4	x 394	1/4	x 15	282	-	58	x 105	2-9/32	x 4	1/8	56	60	x 105	2	3/8	x 4	56	28		
36	2	1/2	x 410	1/2	x 16	282	-	64	x 114	2-17/32	x 4	1/2	56	67	x 114	2	5/8	x 4	56	28		
38	2	1/2	x 432	1/2	x 17	28	-	64	x 114	2-17/32	x 4	1/2	56	67	x 114	2	5/8	x 4	56	28		
40	2	3/4	x 452	3/4	x 18	28	-	71	x 127	2-25/32	x 5	56	73	x 127	2	7/8	x 5	56	28			
42	2	3/4	x 452	3/4	x 18	28	-	71	x 127	2-25/32	x 5	56	73	x 127	2	7/8	x 5	56	28			
44	3	x 483	3	x 19	28	-	77	x 137	3-1/32	x 5	3/8	56	79	x 137	3	1/8	x 5	350	28			
46	3	x 489	3	x 19	1/4	28	-	77	x 137	3-1/32	x 5	3/8	56	79	x 137	3	1/8	x 5	350	28		
48	3	x 502	3	x 19	1/4	28	-	77	x 137	3-1/32	x 5	3/8	56	79	x 137	3	1/8	x 5	350	28		



NOM. PIPE SIZE		CLASS 300 RAISED FACE																					
		STUD BOLT				STEEL WASHER			INSULATING WASHER			INSULATING SLEEVE			SAMS NO. OF INSULATING KIT		SAMS NO. OF INSULATING GASKET						
		SIZE	NO. REQ'D.	SAMS NO.	I.D. x O.D.	NO. REQ'D.	I.D. x O.D.	NO. REQ'D.	LENGTH	NO. REQ'D.													
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.								
2	5/8	x 102	5/8	x 4	8	10-354-378	17	x 33	21/32	x 1	5/16	16	x 33	3/4	x 1	5/16	64	2.505	8	06-268-100	06-265-100		
3	3/4	x 114	3/4	x 4	1/2	10-354-448	20	x 38	25/32	x 1	1/2	16	22	x 38	7/8	x 1	1/8		8				
4	3/4	x 127	3/4	x 5	8	10-354-454	20	x 38	25/32	x 1	1/2	16	22	x 38	7/8	x 1	1/8	82	3.245	8	06-268-160	06-265-160	
6	3/4	x 140	3/4	x 5	1/2	10-354-460	20	x 38	25/32	x 1	1/2	24	22	x 38	7/8	x 1	1/8	94	3.688	12	06-268-200	06-265-200	
8	7/8	x 152	7/8	x 6	12	10-354-550	23	x 44	29/32	x 1	3/4	24	25	x 44	1	x 1	3/4	24	103	4.068	12	06-268-240	06-265-240
10	1 x 165		1 x 6	1/2	16	10-354-648	26	x 51	1-1/32	x 2	32		29	x 51	1 1/8	x 2	32	116	4.568	16	06-268-280	06-265-280	
12	1 1/8	x 178	1 1/8	x 7	16	10-355-688	29	x 56	1-5/32	x 2	32		32	x 56	1 1/4	x 2	32	122	4.808	16	06-268-320	06-265-320	
14	1 1/8	x 190	1 1/8	x 7	120	10-355-694	29	x 56	1-5/32	x 2	32		32	x 56	1 1/4	x 2	32	129	5.068	20	06-268-360	06-265-360	
16	1 1/4	x 203	1 1/4	x 8	20	10-355-781	33	x 60	1-9/32	x 2	3/8		35	x 60	1 3/8	x 2	3/8	135	5.308	20	06-268-400	06-265-400	
18	1 1/4	x 203	1 1/4	x 8	24	10-355-781	33	x 60	1-9/32	x 2	3/8		35	x 60	1 3/8	x 2	3/8			24			
20	1 1/4	x 216	1 1/4	x 8	122	10-355-787	33	x 60	1-9/32	x 2	3/8		35	x 60	1 3/8	x 2	3/8	148	5.808	24	06-268-450	06-265-450	
22	1 1/2	x 241	1/2	x 9	122	10-355-921	39	x 71	1-17/32	x 2-13/16		48	41	x 71	1 5/8	x 2-13/16				24			
24	1 1/2	x 241	1/2	x 9	122	10-355-921	39	x 71	1-17/32	x 2-13/16		48	41	x 71	1 5/8	x 2-13/16		160	6.308	24	06-268-490	06-265-490	
26	1 5/8	x 279	5/8	x 1	128	10-355-954	42	x 78	1-21/32	x 3 1/16		56	44	x 78	1 3/4	x 3	15/16			28			
28	1 5/8	x 279	5/8	x 1	128	10-355-954	42	x 78	1-21/32	x 3 1/16		56	44	x 78	1 3/4	x 3	15/16			28			
30	1 3/4	x 305	3/4	x 2	228	10-355-981	45	x 83	1-25/32	x 3 1/4		56	48	x 83	1 7/8	x 3	15/16	205	8.068	28	06-268-600	06-265-600	
32	1 7/8	x 318	7/8	x 12	082	-	48	x 87	1-29/32	x 3 1/16		56	51	x 87	2	x 3	7/16	56	218	8.568	28	06-268-630	06-265-630
34	1 7/8	x 330	7/8	x 12	08	-	48	x 87	1-29/32	x 3 1/16		56	51	x 87	2	x 3	7/16	56	224	8.808	28	06-268-640	06-265-640
36	2 x 343		2 x 13	1/2	32	-	52	x 94	2-1/32	x 3-11/16		64	54	x 94	2 1/8	x 3-11/16		1664	230	9.068	32	06-268-650	06-265-650
38	2 x 349		2 x 13	3/4	32	-	52	x 94	2-1/32	x 3-11/16		64	54	x 94	2 1/8	x 3-11/16		1664			32		
40	2 x 356		2 x 14	36	-	10-356-092	52	x 94	2-1/32	x 3-11/16		72	54	x 94	2 1/8	x 3-11/16		1672	249	9.808	36	06-268-660	06-265-660
42	2 x 362		2 x 14	3/4	36	-	52	x 94	2-1/32	x 3-11/16		72	54	x 94	2 1/8	x 3-11/16		1672	259	10.188	36	06-268-670	06-265-670
44	2 x 368		2 x 14	1/2	36	-	52	x 94	2-1/32	x 3-11/16		72	54	x 94	2 1/8	x 3-11/16		1672			36		
46	2 x 375		2 x 14	3/4	40	-	52	x 94	2-1/32	x 3-11/16		80	54	x 94	2 1/8	x 3-11/16		1680			40		
48	2 x 387		2 x 15	1/4	40	-	52	x 94	2-1/32	x 3-11/16		80	54	x 94	2 1/8	x 3-11/16		1680			40		