

20	100	L699E0-JA	7	066
PLANT NO.	INDEX	DRAWING NO.	SHT. NO.	REV. NO.

PIPE SIZE	WALL THK. t ₁		WEAR PAD THK. t ₂		MAX. SPAN FOR MAX. PRESSURE															
					LIQUID LINES				GAS LINES											
					GR B		X42		X52		X60		GR B		X42		X52		X60	
in.	mm	in.	mm	in.	mm	ft.	in.	mm	ft.	in.	mm	ft.	in.	mm	ft.	in.	mm	ft.		
14	6.35	0.250	Ø	Ø	8.8	29	10.4	34	12.2	40	12.2	40	13.4	44	13.7	45	13.7	45	13.7	45
			6.35	0.250	12.2	40	10.2	40	12.2	40	12.2	40	15.7	45	13.7	45	13.7	45	13.7	45
	9.52	0.375	Ø	Ø	13.7	45	13.7	45	13.7	45	13.7	45	15.2	50	15.2	50	15.2	50	15.2	50
			9.52	0.375	13.7	45	13.7	45	13.7	45	13.7	45	15.2	50	15.2	50	15.2	50	15.2	50
16	6.35	0.250	Ø	Ø	6.7	22	7.9	26	10.1	33	11.6	38	10.1	33	11.9	39	14.9	49	15.2	50
			6.35	0.250	13.7	45	13.7	45	13.7	45	13.7	45	15.2	50	15.2	50	15.2	50	15.2	50
	9.52	0.375	Ø	Ø	11.3	37	13.4	44	15.2	50	15.2	50	16.8	55	16.8	55	16.8	55	16.8	55
			9.52	0.375	15.2	50	15.2	50	15.2	50	15.2	50	16.8	55	16.8	55	16.8	55	16.8	55
18	6.35	0.250	Ø	Ø	5.2	17	6.4	21	7.9	26	9.1	30	7.9	26	9.4	31	11.9	39	13.4	44
			6.35	0.250	14.3	47	14.3	47	14.3	47	14.3	47	15.8	52	15.8	52	15.8	52	15.8	52
	9.52	0.375	Ø	Ø	8.5	28	10.4	34	12.8	42	14.9	49	14.0	46	17.1	56	17.7	58	17.7	58
			9.52	0.375	16.2	53	16.2	53	16.2	53	16.2	53	17.7	58	17.7	58	17.7	58	17.7	58
20	6.35	0.250	Ø	Ø	-	-	5.2	17	6.4	21	7.3	24	6.4	21	7.9	26	9.8	32	11.3	37
			6.35	0.250	13.4	44	14.6	48	14.6	48	14.6	48	16.2	53	16.2	53	16.2	53	16.2	53
	9.52	0.375	SADDLE	SADDLE	14.6	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Ø	Ø	6.4	21	7.6	25	9.8	32	11.0	36	11.3	37	13.4	44	16.8	55	17.1	56
22	6.35	0.250	9.52	0.375	16.5	54	16.5	54	16.5	54	16.5	54	18.0	59	18.0	59	18.0	59	18.0	59
			Ø	Ø	-	-	-	-	5.5	18	6.1	20	5.5	18	6.7	22	8.2	27	9.4	31
	9.52	0.375	6.35	0.250	11.6	38	13.7	45	15.8	52	15.8	52	17.1	56	17.4	57	17.4	57	17.4	57
			SADDLE	SADDLE	15.8	52	15.8	52	-	-	-	-	17.4	57	-	-	-	-	-	-
24	6.35	0.250	Ø	Ø	6.1	20	7.6	25	9.1	30	10.7	35	9.4	31	11.3	37	14.0	46	15.8	52
			9.52	0.375	17.4	57	17.4	57	17.4	57	17.4	57	18.9	62	18.9	62	18.9	62	18.9	62
	9.52	0.375	Ø	Ø	-	-	-	-	-	-	4.9	16	4.6	15	5.5	18	6.7	22	7.6	25
			6.35	0.250	9.4	31	11.3	37	14.0	46	16.2	53	14.3	47	17.1	56	18.3	60	18.3	60
26	6.35	0.250	SADDLE	SADDLE	15.8	52	16.8	55	16.8	55	16.8	55	18.3	60	18.3	60	-	-	-	-
			Ø	Ø	-	-	4.9	16	6.1	20	7.0	23	7.6	25	9.1	30	11.6	38	13.1	43
	9.52	0.375	9.52	0.375	16.2	53	18.0	59	18.0	59	18.0	59	19.5	64	19.5	64	19.5	64	19.5	64
			SADDLE	SADDLE	18.0	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	6.35	0.250	Ø	Ø	-	-	-	-	-	-	-	-	-	-	4.6	15	5.8	19	6.7	22
			6.35	0.250	8.2	27	9.8	32	12.2	40	13.7	45	11.6	38	13.7	45	17.1	56	18.9	62
	9.52	0.375	SADDLE	SADDLE	16.2	53	17.4	57	17.4	57	17.4	57	18.9	62	18.9	62	18.9	62	-	-
			Ø	Ø	-	-	-	-	4.9	16	5.8	19	6.4	21	7.6	25	9.4	31	10.7	35
30	6.35	0.250	9.52	0.375	14.6	48	17.4	57	18.6	61	18.6	61	20.1	66	20.1	66	20.1	66	20.1	66
			SADDLE	SADDLE	18.6	61	18.6	61	-	-	-	-	-	-	-	-	-	-	-	-
	9.52	0.375	Ø	Ø	-	-	-	-	-	-	-	-	-	-	-	4.9	16	5.5	18	
			6.35	0.250	7.0	23	8.2	27	10.4	34	11.9	39	10.4	34	12.5	41	15.5	51	17.7	58
32	6.35	0.250	SADDLE	SADDLE	16.5	54	18.0	59	18.0	59	18.0	59	19.5	64	19.5	64	19.5	64	19.5	64
			Ø	Ø	-	-	-	-	-	-	4.9	16	5.8	19	7.0	23	8.5	28	9.8	32
	9.52	0.375	9.52	0.375	12.5	41	14.9	49	18.6	61	19.2	63	18.9	62	20.7	68	20.7	68	20.7	68
			SADDLE	SADDLE	18.9	62	19.2	63	19.2	63	-	-	20.7	68	-	-	-	-	-	-
34	6.35	0.250	Ø	Ø	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	15	
			6.35	0.250	5.8	19	7.0	23	8.8	29	10.1	33	-	-	10.7	35	13.1	43	15.2	50
	9.52	0.375	SADDLE	SADDLE	16.5	54	18.0	59	18.3	60	18.3	60	19.8	65	19.8	65	19.8	65	19.8	65
			Ø	Ø	-	-	-	-	-	-	4.6	15	5.2	17	6.1	20	7.6	25	8.5	28
36	6.35	0.250	9.52	0.375	10.7	35	12.8	42	16.2	53	18.3	60	15.8	52	18.9	62	21.3	70	21.3	70
			SADDLE	SADDLE	19.2	63	19.8	65	19.8	65	19.8	65	21.3	70	21.3	70	-	-	-	-
	9.52	0.375	Ø	Ø	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6.35	0.250	5.2	17	6.1	20	7.6	25	8.8	29	7.6	25	9.1	30	11.6	38	13.1	43
38	6.35	0.250	SADDLE	SADDLE	16.5	54	18.3	60	18.9	62	18.9	62	20.4	67	20.4	67	20.4	67	20.4	67
			Ø	Ø	-	-	-	-	-	-	-	-	-	-	5.2	17	6.4	21	7.3	24
	9.52	0.375	9.52	0.375	9.4	31	11.3	37	14.0	46	16.2	53	14.0	46	16.8	55	21.0	69	21.3	70
			SADDLE	SADDLE	19.5	64	20.1	66	20.1	66	20.1	66	21.3	70	21.3	70	21.3	70	-	-