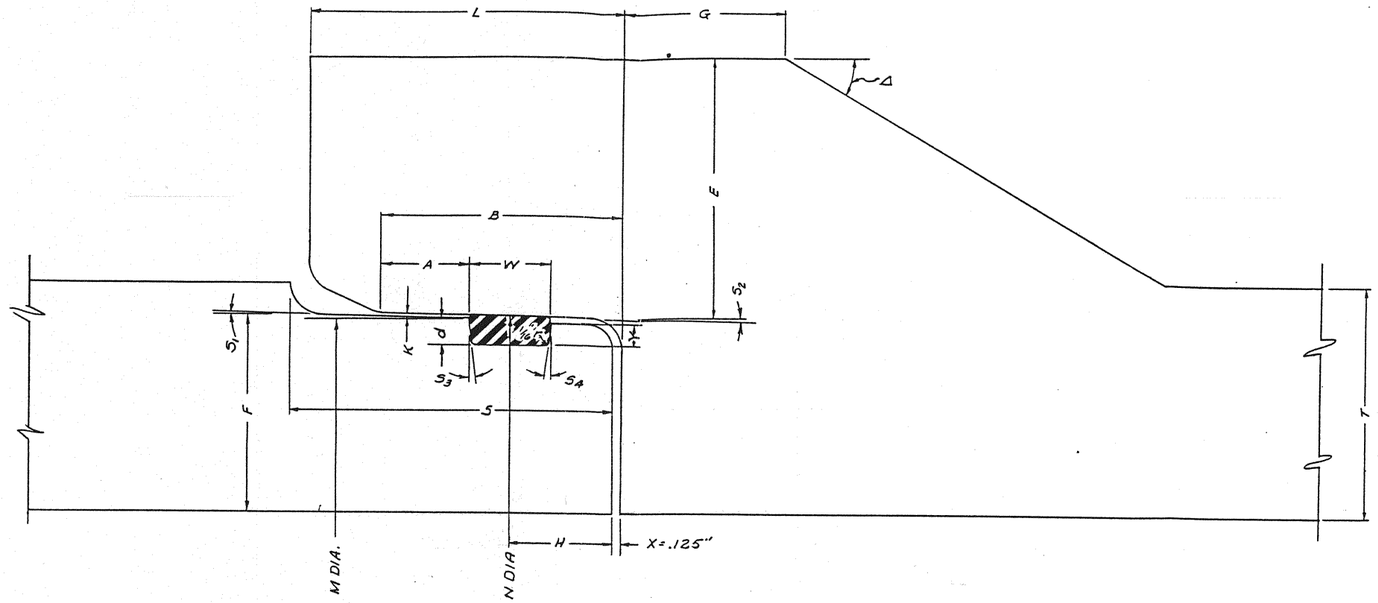

I.D.	WALL	GROOVE DIMENSIONS								INTERFACE DIMENSIONS								SLOPES				RUBBER GASKET DATA (4)					BELL DIMENSIONS								SPIGOT DIMENSIONS			I.D.
		WIDTH (W)			DEPTH (d)			CORNER RADIUS	NOM Y	SPIGOT DIAMETER (M)			BELL DIAMETER (N)(3)			JOINT CLEARANCE		SPIGOT S_1	BELL S_2	SNAP RING S_3	SNAP RING S_4	ORIGINAL	STRETCHED		DUROMETER	DESIGN VOLUME											
IN	IN	MIN IN	NOM IN	MAX IN	MIN IN	NOM IN	MAX IN	IN	IN	MIN IN	NOM FLAT IN(2)	MAX IN	MIN IN	NOM IN	MAX IN	MIN IN	MAX IN	DEG	DEG	DEG	DEG	DIAM IN	AMT %	DIAM IN	X-AREA SQ IN	MIN	MAX	CU. IN.	O.D. IN	O.A. L IN	G IN	SLOPE Δ DEG.	A IN	B IN	NOM E IN	O.A S IN	NOM F IN	H IN	IN
12	3	1.188	1.250	1.282	.400	.409	.427	.0625"	.305	16.766	16.770	16.874	16.839	16.894	16.974	.002	.110	1.8	1.8	5.0	5.0	.8125	20.0	.7417	.4321	35	45	22.32	23	4.625	2	30	1.132	3.5	3.109	4.75	2.489	1.625	12
15	3	,,	,,	,,	,,	,,	,,	,,	,,	19.766	19.770	19.874	19.839	19.894	19.947	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	26.39	26	4.625	,,	,,	1.132	3.5	3.109	4.75	2.489	,,	15
18	3	,,	,,	,,	,,	,,	,,	,,	,,	22.766	22.770	22.874	22.839	22.894	22.947	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	30.46	29	4.625	,,	,,	1.132	3.5	3.109	4.75	2.489	,,	18
21	3	,,	,,	,,	,,	,,	,,	,,	,,	25.766	25.770	25.874	25.839	25.894	25.947	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	34.54	32	4.625	,,	,,	1.132	3.5	3.109	4.75	2.489	,,	21
24	3	,,	,,	,,	,,	,,	,,	,,	,,	28.766	28.770	28.874	28.839	28.894	28.947	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	38.61	35	4.625	,,	,,	1.132	3.5	3.109	4.75	2.489	,,	24
27	3.25	,,	,,	,,	,,	,,	,,	,,	,,	32.038	32.042	32.146	32.111	32.166	32.219	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	43.05	38.75	4.625	,,	,,	1.132	3.5	3.348	4.75	2.625	,,	27
30	3.50	,,	,,	,,	,,	,,	,,	,,	,,	35.562	35.566	35.670	35.635	35.690	35.743	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	47.83	42.25	4.625	2.5	,,	1.132	3.5	3.336	4.75	2.887	,,	30
33	3.75	,,	,,	,,	,,	,,	,,	,,	,,	39.080	39.034	39.138	39.103	39.158	39.211	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	52.54	46.75	4.75	,,	,,	1.257	3625	3.852	4.875	3.125	,,	33
36	4	,,	,,	,,	,,	,,	,,	,,	,,	42.272	42.276	42.380	42.345	42.400	42.453	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	56.94	50.25	4.875	,,	,,	1.382	3.75	3.981	5	3.25	,,	36
39	4.25	,,	,,	,,	,,	,,	,,	,,	,,	45.764	45.768	45.872	45.837	45.892	45.945	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	61.68	54	5	,,	,,	1.507	3875	4.110	5.125	3.5	,,	39
42	4.5	,,	,,	,,	,,	,,	,,	,,	,,	49.248	49.252	49.356	49.321	49.376	49.429	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	66.41	58	5.25	,,	,,	1.757	4.125	4.368	5.375	3.75	,,	42
45	4.75	,,	,,	,,	,,	,,	,,	,,	,,	52.232	52.236	52.340	52.305	52.360	52.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	70.46	61	5.375	,,	,,	1.8821	4.25	4.376	5.5	3.75	,,	45
48	5	,,	,,	,,	,,	,,	,,	,,	,,	55.232	55.236	55.340	55.305	55.360	55.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	74.53	64	5.5	,,	,,	2.007	4.375	4.376	5.625	3.75	,,	48
51	5.25	,,	,,	,,	,,	,,	,,	,,	,,	58.232	58.236	58.340	58.305	58.360	58.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	78.61	67	5.5	,,	,,	2.007	4.375	4.376	5.625	3.75	,,	51
54	5.5	,,	,,	,,	,,	,,	,,	,,	,,	61.232	61.236	61.340	61.305	61.360	61.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	82.68	70	5.5	,,	,,	2.007	4.375	4.376	5.625	3.75	,,	54
60	6	,,	,,	,,	,,	,,	,,	,,	,,	67.232	67.236	67.340	67.305	67.360	67.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	90.82	76	5.5	,,	,,	2.007	4.375	4.376	5.625	3.75	,,	60
66	6.5	,,	,,	,,	,,	,,	,,	,,	,,	73.232	73.236	73.340	73.305	73.360	73.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	98.97	82	5.5	,,	,,	2.007	4.375	4.376	5.625	3.75	,,	66
72	7	,,	,,	,,	,,	,,	,,	,,	,,	79.232	79.236	79.340	79.305	79.360	79.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	107.11	88	5.5	,,	,,	2.007	4.375	4.376	5.625	3.75	,,	72
78	7.5	,,	,,	,,	,,	,,	,,	,,	,,	85.232	85.236	85.340	85.305	85.360	85.413	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	115.26	94	5.5	,,	,,	2.007	4.375	4.376	5.625	3.75	,,	78
84	8	,,	,,	,,	,,	,,	,,	,,	,,	90.984	90.988	91.092	91.057	91.112	91.165	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	123.06	100	5.75	FLUSH	BELL	2.257	4.625	4.50	5.875	3.634	,,	84
90	8.5	,,	,,	,,	,,	,,	,,	,,	,,	97.484	97.488	97.592	97.557	97.612	97.665	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	131.89	107	6.125	FLUSH	BELL	2.632	5	4.75	6.25	3.896	,,	90
96	9	,,	,,	,,	,,	,,	,,	,,	,,	103.984	103.988	104.092	104.057	104.112	104.165	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	140.71	114	6.625	FLUSH	BELL	3.132	5.5	5.00	6.75	4.162	,,	96

NOTES:
(1) SPIGOT DIAMETER (M) & BELL DIAMETER (N) ARE NOT MEASURED AT THE SAME LOCATION. ADD .039" TO THE (N) DIMENSIONS TO OBTAIN THE BELL DIMENSIONS AT THE (M) LOCATION.
(2) THE "FLAT" SPIGOT DIAMETER IS NOT MEASURED AT THE (M) LOCATION.
(3) ALL DIMENSIONS INDICATED AS NOMINAL ARE BASED UPON EQUIPMENT DIMENSIONS.
(4) THE VOLUME TOLERANCE FOR A 13/16" ϕ GASKET IS ±1.75%.

HYDRO CONDUIT CORPORATION

		DRICAST	DRAWN W. Smith	DATE Sept 30'76
			CHECKED R.J. Bauer	DATE 10-1-76
		MACHINE ASSY OR SUB ASSY NAME R-4 JOINT	APPROVED	DATE
			SCALE None	
REV NO	REVISION	DATE	DRAWING OR PART NAME DESIGN CHART	DRAWING NO. D560-101 Δ

8/73 DIETERICH-POST CLEARPRINT 300114-0