

HYDRAULIC DATA PROJECT: SALT RIVER INDUSTRIAL PARK SHEET 1 OF 1

LINE	Length	Size	Upper Flow Line	Lower Flow Line	F.L. Grade	Upper St. Elev.	Lower St. Elev.	Depth to Hy. Elev. of Upper	Upper Hy. Elev.	Lower Hy. Elev.	Hy. Grade	Frict. Head	Veloc. ft/sec	V ² /2g	V ² /2g	Turn Loss	Street	Gravel	Link	Capacity	Area Acres	P.I.	Quantity Cu ft./sec	T.O.	Approx. cut ft./sec	
FE103 CI102	75	12"	477.98	476.11	2.5	—	480.10	—	479.91	478.20	0.04	0.7102	0.62	0.304	—	0°	—	—	—	—	0.90	3.85	3.47	3.47	5.64	
CI 102 CI 101	40	18"	475.91	475.11	2.0	480.10	480.10	1.90	474.15	472.91	0.05	0.1841	0.04	0.234	—	0°	Low	4.0	—	—	0.95	3.85	3.66	7.13	14.86	
CI 101 MH 100	57	24"	474.91	473.77	2.0	480.10	479.22	2.15	477.90	477.81	0.03	0.0874	2.85	0.64	—	0°	Low	4.0	—	—	0.45	3.85	1.73	8.86	22.39	
MH 100 MH 111	37	20"	473.57	472.28	3.5	479.22	479.02	1.41	477.81	477.76	0.02	0.0568	2.82	0.120	—	0°	—	—	—	—	—	—	—	8.86	42.52	
MH 111	20	24"	472.03	471.38	3.5	479.02	475.95	1.24	474.04	473.23	0.33	0.6619	13.1	2.148	2.500	117°	—	—	—	—	—	—	—	32.29	41.15	42.52
FE 112 MH 111	40	24"	474.71	473.71	2.5	—	479.02	—	478.59	477.76	0.20	0.8151	10.28	1.144	—	105°	—	—	—	—	—	—	—	32.29	32.29	35.77
DC 110 CI 105	40	15"	488.24	487.40	1.0	491.74	491.74	2.25	489.18	489.05	0.02	0.0835	2.47	0.08	—	0°	—	—	—	—	1.16	2.14	3.06	3.06	6.47	
CI 105 FE 112	30	18"	487.14	487.34	1.0	491.74	—	2.65	488.88	488.84	0.01	0.0424	2.28	0.085	0.018	0°	—	—	—	—	0.23	3.85	0.89	3.95	10.51	
CI 107 CI 108	205	21"	495.02	492.97	1.0	500.05	501.05	7.25	495.51	494.72	0.04	0.7873	4.05	0.21	—	16°	—	—	—	—	0.13	3.85	0.50	9.81	15.83	
CI 108 FE 107	40	20"	492.77	492.37	1.0	501.05	—	6.33	494.52	494.37	0.04	0.1463	4.35	0.35	0.034	0°	—	—	—	—	0.21	3.85	0.81	13.62	23.62	
DC 110 CI 108	40	15"	494.60	492.20	1.0	501.05	501.05	5.44	495.54	495.44	0.02	0.0895	3.49	0.08	—	85°	—	—	—	—	1.16	2.14	3.06	3.06	3.57	

TEMPORARY

Checked By: [Signature] Date: 10-17-90

Prepared By: [Signature] Date: 10-17-90

HYDRAULIC DATA PROJECT: DIGBY MANUFACTURING SHEET 1 OF 1

LINE	Length	Size	Upper Flow Line	Lower Flow Line	F.L. Grade	Upper St. Elev.	Lower St. Elev.	Depth to Hy. Elev. of Upper	Upper Hy. Elev.	Lower Hy. Elev.	Hy. Grade	Frict. Head	Veloc. ft/sec	V ² /2g	V ² /2g	Turn Loss	Street	Gravel	Link	Capacity	Area Acres	P.I.	Quantity Cu ft./sec	T.O.	Approx. cut ft./sec
A1 1 EXIST.	57	12"	486.53	485.68	5.0	498.10	488.99	10.47	486.34	484.16	0.27	1.657	7.75	9.34	—	55°	—	—	—	—	1.58	3.85	6.08	6.08	7.97
G1 3	402	15"	497.22	493.20	1.0	501.50	498.00	3.25	496.40	494.80	0.06	1.599	3.33	0.372	—	70°	Low	—	—	—	1.06	3.85	4.08	4.08	6.47
G1 2 EXIST.	142	21"	493.00	492.29	0.5	498.00	496.18	3.20	494.50	493.00	0.04	0.500	3.92	0.277	0.07	100°	Low	—	—	—	1.37	3.85	5.35	9.43	11.19
CI 7	39	12"	498.20	497.50	1.8	502.20	501.50	3.00	498.70	498.50	0.07	0.278	3.85	0.228	—	95°	Low	4.0	—	—	1.14	2.14	3.01	3.01	4.78
MH 6	176	15"	497.94	497.00	0.5	503.50	501.50	4.31	498.80	498.50	0.02	0.286	3.13	0.071	—	0°	—	—	—	—	0.99	2.64	2.61	4.57	
G1 5	112	18"	497.01	496.50	0.5	501.50	501.50	2.94	496.50	496.33	0.01	0.165	2.28	0.021	0.01	0°	—	—	—	—	0.37	3.85	1.42	4.03	7.03
G1 4	266	21"	496.50	495.22	0.40	501.50	504.00	3.17	496.14	497.22	0.03	0.920	3.87	0.253	0.15	45°	—	—	—	—	0.59	3.85	2.27	9.31	10.97

Computed By: [Signature] Date: 10-17-90