

CATCHBASIN & CATCHBASIN MANHOLE STRUCTURE DATA										
STRUCTURE DATA			ELEVATION DATA			OUTLET PIPE		ICD TYPE (*SEE NOTE)	100-YR RELEASE RATE (L/sec)	
STRUCTURE ID	STRUCTURE TYPE	FRAME & COVER TYPE	TOP OF GRATE ELEVATION	INLET	OUTLET	DIAMETER	TYPE			
CB 01	OPSD 705.010	S19	121.24	-	119.84	200mm	PVC	TEMPEST MHF TYPE-C	40.8	
CB 02	OPSD 705.010	S19	121.24	-	119.84	200mm	PVC	TEMPEST MHF TYPE-B	15.2	
CB 03	OPSD 705.010	S19	119.96	-	118.56	200mm	PVC	TEMPEST MHF TYPE-F	79.8	
CB 04	OPSD 705.010	S19	119.96	-	118.56	200mm	PVC	TEMPEST MHF TYPE-C	40.7	
CB 05	OPSD 705.010	S19	119.66	-	118.26	200mm	PVC	TEMPEST MHF TYPE-B	30.7	
CB 06	OPSD 705.010	S19	119.66	-	118.26	200mm	PVC	TEMPEST MHF TYPE-A	22.1	
CB 07	OPSD 705.010	S19	119.25	-	-1.40	200mm	PVC	PEDRO TYPE-X	14.7	
CB 08	OPSD 705.010	S22 / S23	119.30	-	-1.40	200mm	PVC	TEMPEST MHF TYPE-C	39.1	
CB 09	OPSD 705.010	S19	118.79	-	117.39	200mm	PVC	TEMPEST MHF TYPE-C	41.1	
CB 10	OPSD 705.010	S19	118.79	-	117.39	200mm	PVC	TEMPEST MHF TYPE-B	31.7	
CB 11	OPSD 705.010	S19	118.65	-	117.25	200mm	PVC	TEMPEST MHF TYPE-A	22.3	
CB 12	OPSD 705.010	S19	118.65	-	117.25	200mm	PVC	TEMPEST MHF TYPE-A	22.3	
CB 13	OPSD 705.010	S19	118.51	-	117.12	200mm	PVC	TEMPEST MHF TYPE-B	31.6	
CB 14	OPSD 705.010	S19	118.51	-	117.12	200mm	PVC	TEMPEST MHF TYPE-A	22.7	
CB 15	OPSD 705.010	S19	118.50	-	117.02	200mm	PVC	TEMPEST MHF TYPE-B	31.4	
CB 16	OPSD 705.010	S19	118.40	-	117.00	200mm	PVC	TEMPEST MHF TYPE-A	22.3	
CB 17	OPSD 705.010	S19	118.44	-	116.95	200mm	PVC	TEMPEST MHF TYPE-B	31.8	
CB 18	OPSD 705.010	S19	117.90	-	116.50	200mm	PVC	TEMPEST MHF TYPE-D	63.2	
CB 19	OPSD 705.010	S19	117.90	-	116.50	200mm	PVC	TEMPEST MHF TYPE-D	63.1	
CB 20	OPSD 705.010	S19	118.86	-	117.46	200mm	PVC	PEDRO TYPE-X	14.7	
CB 21	OPSD 705.010	S19	118.86	-	117.46	200mm	PVC	PEDRO TYPE-X	14.8	
CB 22	OPSD 705.010	S19	119.27	-	117.86	200mm	PVC	TEMPEST MHF TYPE-A	22.2	
CB 24	OPSD 705.010	S19	119.23	-	117.83	200mm	PVC	PEDRO TYPE-X	10.4	
CB 25	OPSD 705.010	S19	119.23	-	117.83	200mm	PVC	TEMPEST MHF TYPE-A	21.8	
CB 26	OPSD 705.010	S19	118.80	-	117.35	200mm	PVC	TEMPEST MHF TYPE-A	18.4	
CB 27	OPSD 705.010	S19	118.80	-	116.49	200mm	PVC	TEMPEST MHF TYPE-A	21.5	
CB 28	OPSD 705.010	S19	119.98	-	118.57	200mm	PVC	PEDRO TYPE-X	14.6	
CB 29	OPSD 705.010	S19	119.98	-	118.57	200mm	PVC	PEDRO TYPE-X	15.0	
CB 30	OPSD 705.010	S19	121.07	-	119.60	200mm	PVC	PEDRO TYPE-X	14.5	
CB 31	OPSD 705.010	S19	121.07	-	119.60	200mm	PVC	TEMPEST MHF TYPE-A	21.9	
CB 32	OPSD 705.010	S19	120.76	-	119.37	200mm	PVC	PEDRO TYPE-X	14.6	
CB 33	OPSD 705.010	S19	119.20	-	117.62	200mm	PVC	TEMPEST MHF TYPE-B	25.7	
CB 36	OPSD 705.010	S19	119.43	SW 117.90	117.87	250mm	PVC	-	-	
CB 43	OPSD 705.010	S19	118.87	SW 117.40	117.37	250mm	PVC	-	-	
CB 51	OPSD 705.010	S19	120.18	SE 119.06	119.00	250mm	PVC	-	-	
CB 52	S31	S31	120.85	SE 119.89	119.89	250mm	PERF. HDPE	-	-	
CB 53	S31	S31	120.02	-	119.23	250mm	PERF. HDPE	-	-	
CB 54	S30	S30	118.74	SW 117.46	117.46	250mm	PERF. HDPE	-	-	
CB 55	S30	S30	117.99	SW 116.99	116.99	250mm	PERF. HDPE	-	-	
CB 56	S30	S30	116.27	NW 115.51	115.51	250mm	PERF. HDPE	-	-	
CB 57	S30	S30	116.17	NW 115.04	115.04	250mm	PERF. HDPE	-	-	
CB 58	OPSD 705.010	S19	118.68	SW 117.23	117.17	250mm	PVC	-	-	
CB 59	S31	S31	119.11	-	117.76	250mm	PERF. HDPE	-	-	
CB 60	OPSD 705.010	S19	118.79	SW 117.52	117.46	250mm	PVC	-	-	
CB 61	S31	S31	119.01	-	117.78	250mm	PERF. HDPE	-	-	
CB 62	S30	S30	121.56	SE 120.58	120.58	250mm	PERF. HDPE	-	-	
CB 63	OPSD 705.010	S19	116.65	SW 115.68	115.68	250mm	PVC	-	-	
CB 64	OPSD 705.010	S19	121.20	-	119.08	200mm	PVC	PEDRO TYPE-X	11.0	
CB 65	OPSD 705.010	S19	121.30	-	119.41	200mm	PVC	TEMPEST MHF TYPE-A	22.0	
CB 70	S30	S30	120.26	SE 118.82	118.82	250mm	PERF. HDPE	-	-	
CB 71	S30	S30	120.15	SE 119.18	119.18	250mm	PERF. HDPE	-	-	
CB 72	S31	S31	120.23	-	119.26	250mm	PERF. HDPE	-	-	
CB 73	S30	S30	120.64	SE 119.72	119.72	250mm	PERF. HDPE	-	-	
CB 74	S31	S31	121.09	-	120.16	250mm	PERF. HDPE	-	-	
CB 75	S31	S31	121.77	-	120.82	250mm	PERF. HDPE	-	-	
CB 76	S30	S30	120.78	SE 119.78	118.91	250mm	PERF. HDPE	-	-	
CB 77	OPSD 705.010	S19	120.36	NW 118.91 SE 119.36	118.85	250mm	PVC	-	-	
CB 78	S30	S30	120.56	-	119.54 119.54	250mm 250mm	PERF. HDPE	-	-	
CB 79	OPSD 705.010	S19	120.31	SE 119.12 NW 119.12	119.06	250mm	PVC	-	-	
CB 80	S31	S31	118.97	-	117.62	250mm	PERF. HDPE	-	-	
CB 81	S31	S31	118.20	-	117.20	250mm	PERF. HDPE	-	-	
CB 82	S30	S30	117.72	SW 116.72	116.72	250mm	PERF. HDPE	-	-	
CB 83	OPSD 705.010	S19	117.65	NE 116.24 SW 116.39	116.33	250mm	PVC	-	-	
CB 84	S30	S30	117.28	-	116.39 116.24	250mm 250mm	PERF. HDPE	-	-	
CB 85	S30	S30	116.80	SW 115.80	115.80	250mm	PERF. HDPE	-	-	
CB 86	S30	S30	116.27	NW 115.33	115.33	250mm	PERF. HDPE	-	-	
CB 87	OPSD 705.010	S19	116.25	NW 115.18 115.12	115.29 115.12	250mm 250mm	PVC	-	-	
CB 88	S30	S30	116.24	NW 115.16	115.16	250mm	PERF. HDPE	-	-	
CB 89	S30	S30	116.17	NW 114.91	114.91	250mm	PERF. HDPE	-	-	
CB 90	S30	S30	118.90	SW 117.51	117.51	250mm	PERF. HDPE	-	-	
CB 91	S30	S30	118.92	SW 117.65	117.65	250mm	PERF. HDPE	-	-	
CB 92	OPSD 705.010	S19	122.46	-	120.26	200mm	PVC	PEDRO TYPE-X	17.3	
CB 93	OPSD 705.010	S19	121.10	SW 119.76	119.70	250mm	PVC	PEDRO TYPE-X	14.8	
CB 94	S31	S31	119.65	-	118.44	250mm	PERF. HDPE	-	-	
CB 95	S30	S30	119.27	SW 118.12	118.12	250mm	PERF. HDPE	-	-	
CB 96	OPSD 705.010	S19	119.59	-	117.20	250mm	PVC	TEMPEST MHF TYPE-C	52.8	
CB 97	OPSD 705.010	S19	232.13	NW 114.79	114.73	250mm	PVC	-	-	
CB 98	OPSD 705.010	S19	116.85	-	115.45	250mm	PVC	TEMPEST MHF TYPE-C	35.0	

CATCHBASIN & CATCHBASIN MANHOLE STRUCTURE DATA - CONTINUED										
STRUCTURE DATA			ELEVATION DATA			OUTLET PIPE		ICD TYPE (*SEE NOTE)	100-YR RELEASE RATE (L/sec)	
STRUCTURE ID	STRUCTURE TYPE	FRAME & COVER TYPE	TOP OF GRATE ELEVATION	INLET	OUTLET	DIAMETER	TYPE			
CB 99	OPSD 705.010	S19	120.44	-	118.36	200mm	PVC	TEMPEST MHF TYPE-A	25.2	
CB 100	OPSD 705.010	S30	116.81	-	115.41	200mm	PVC	-	-	
CB 102	S30	S30	118.32	SW 117.26	117.26	250mm	PERF. HDPE	-	-	
CB 103	S30	S30	118.55	SW 117.63	117.63	250mm	PERF. HDPE	-	-	
CB 104	S30	S30	119.01	SW 118.08	118.08	250mm	PERF. HDPE	-	-	
CB 105	S30	S30	119.19	SW 118.31	118.31	250mm	PERF. HDPE	-	-	
CB 106	S30	S30	119.98	SW 118.87	118.87	250mm	PERF. HDPE	-	-	
CB 107	S31	S31	120.31	-	119.41	250mm	PERF. HDPE	-	-	
CB 110	S30	S30	121.75	SW 120.38	120.38	250mm	PERF. HDPE	-	-	
CB 111	S30	S30	122.16	SW 120.69	120.69	250mm	PERF. HDPE	-	-	
CB 112	S30	S30	122.39	SW 120.97	120.97	250mm	PERF. HDPE	-	-	
CB 113	S31	S31	122.60	-	121.54	250mm	PERF. HDPE	-	-	
CB 120	OPSD 705.010	S19	120.17	-	118.75	200mm	PVC	TEMPEST MHF TYPE-B	31.5	
CB 121	OPSD 705.010	S19	120.17	-	118.75	200mm	PVC	TEMPEST MHF TYPE-A	21.9	
CB 122	OPSD 705.010	S19	119.98	SE 118.61	118.58	250mm	PVC	-	-	
CB 123	OPSD 705.010	S19	120.96	-	119.56	200mm	PVC	PEDRO TYPE-X	15.1	
CB 124	OPSD 705.010	S19	119.90	-	118.49	200mm	PVC	PEDRO TYPE-X	14.9	
DICB 125	OPSD 705.030	OPSD 403.010	115.96	-	115.42	375mm	HDPE	-	-	
MH 35	OPSD 701.010	S25 / S24.1	119.85	SE 118.38	118.35	250mm	PVC	PEDRO TYPE-X	16.5	
MH 36	OPSD 701.010	S25 / S24.1	119.28	SW 117.81	117.78	250mm	PVC	PEDRO TYPE-X	15.8	
MH 37	OPSD 701.010	S25 / S24.1	119.98	SW 118.51	118.48	250mm	PVC	TEMPEST MHF TYPE-D	62.2	
MH 38	OPSD 701.010	S25 / S24.1	120.13	NE 118.66	118.63	250mm	PVC	TEMPEST MHF TYPE-A	22.9	
MH 39	OPSD 701.010	S25 / S24.1	120.18	SW 118.71	118.68	250mm	PVC	PEDRO TYPE-X	15.8	
MH 40	OPSD 701.010	S25 / S24.1	118.87	NW 115.99	115.96	250mm	PVC	TEMPEST MHF TYPE-A	23.8	
MH 41	OPSD 701.010	S25 / S24.1	118.30	NW 116.83	116.80	250mm	PVC	TEMPEST MHF TYPE-C	42.2	
MH 42	OPSD 701.010	S25 / S24.1	118.59	NW 117.12	117.09	250mm	PVC	TEMPEST MHF TYPE-B	32.6	
MH 43	OPSD 701.010	S25 / S24.1	118.66	SW 117.30	117.27	250mm	PVC	TEMPEST MHF TYPE-B	32.0	
MH 44	OPSD 701.010	S25 / S24.1	118.76	NE 114.89	114.86	250mm	PVC	TEMPEST MHF TYPE-B	31.1	
MH 45	OPSD 701.010	S25 / S24.1	118.14	NE 114.41	114.39	250mm	PVC	TEMPEST MHF TYPE-A	23.3	
MH 101	OPSD 701.010	S25 / S24.1	117.31	SW 117.04	116.98	250mm	PVC	-	-	
MH 232	OPSD 701.010	S25 / S24.1	117.56	SE 116.80 E 115.28 NE 115.35	114.40	450mm	CONCRETE	-	-	
ROOF (9-STRY)	-	-	-	-	-	-	-	TEMP DRAINS (9-STRY)	17.5	
*INLET CONTROL DEVICE NOTE: USE IPEX AND PEDRO PLASTICS INLET CONTROL DEVICES (ICD) AS NOTED IN THE ABOVE TABLES, OR APPROVED EQUIVALENT. ICD'S MUST MEET THE FOLLOWING CRITERIA:										
ICD TYPE	IPEX TEMPEST TYPE-A	IPEX TEMPEST TYPE-B	IPEX TEMPEST TYPE-C	IPEX TEMPEST TYPE-D	IPEX TEMPEST TYPE-F	PEDRO PLASTICS TYPE-X				
FLOW RATE (L/sec)	19.8	28.1	36.7	68.4	91.5	13.4				
HEAD (m)	1.2	1.2	1.2	2.0	2.0	2.0				

SANITARY MANHOLE STRUCTURE DATA					
STRUCTURE ID	TOP OF GRATE	INVERTS	STRUCTURE SIZE	STRUCTURE TYPE	FRAME / COVER
100	116.01	NW. IN=111.40 (250mm) NE. OUT=111.03 (300mm)	1200mm	OPSD 701.010	S25 / S24
102	116.78	SW. IN=112.34 (250mm) SE. OUT=111.92 (250mm)	1200mm	OPSD 701.010	S25 / S24
103	118.07	NW. IN=113.45 (250mm) SW.			