

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

**Field Engineering Division
Survey (Geomatics) Section
6/9/2015**



**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **2 of 39**

CHAIN:

CADD: **MYERS**

INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

**THE COORDINATES SHOWN HEREON ARE INTENDED FOR THIS PROJECT ONLY. DO NOT PRESUME THAT
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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
17	1878748.66	6285831.16	409.74	FOUND_GPS_POINT	GPS 17
587	1910410.44	6261047.75	26.55	FOUND_GPS_POINT	GPS 587
4000	1840725.91	6302169.49	186.20	SWR_MH_RIM	J22S61
4001	1840725.92	6302169.49	178.65	SWR_MH_IE	2
4002	1840397.81	6302165.28	177.27	SWR_MH_RIM	J22S385
4003	1840397.82	6302165.28	170.29	SWR_MH_IE	2
4004	1840117.85	6302161.25	156.72	SWR_MH_RIM	J22S383
4005	1840117.86	6302161.25	148.96	SWR_MH_IE	2
4006	1839948.54	6302158.69	139.70	SWR_MH_RIM	J22S382
4007	1839948.55	6302158.69	132.10	SWR_MH_IE	3
4008	1839809.03	6302156.80	129.06	SWR_MH_RIM	J22S381
4009	1839809.04	6302156.80	123.72	SWR_MH_IE	3
4010	1839640.73	6302167.07	127.50	SWR_MH_RIM	J22S252
4011	1839640.74	6302167.07	120.25	SWR_MH_IE	4
4012	1839667.39	6302174.24	127.52	WTR_GATE_VALVE	
4013	1839663.24	6302177.76	127.44	WTR_GATE_VALVE	
4014	1839665.80	6302180.82	127.49	WTR_GATE_VALVE	
4015	1839667.18	6302180.87	127.45	WTR_GATE_VALVE	
4016	1839668.80	6302177.89	127.48	WTR_GATE_VALVE	
4017	1839676.18	6302172.41	126.88	FD_WEL_MON	PUNCH HOLE CLxCL
4018	1839676.18	6302172.42	126.85	CHECK_POINT	4017
4019	1840942.98	6299910.26	173.68	SWR_MH_RIM	J22S73
4020	1840942.99	6299910.26	161.80	SWR_MH_IE	2
4021	1840734.36	6299967.97	164.80	SWR_MH_RIM	J22S106
4022	1840734.37	6299967.97	159.70	SWR_MH_IE	2
4023	1840597.25	6300099.29	159.03	SWR_MH_RIM	J22S339
4024	1840597.26	6300099.29	155.05	SWR_MH_IE	3
4025	1840716.92	6300222.85	162.25	SWR_MH_RIM	J22S340
4026	1840716.93	6300222.85	155.98	SWR_MH_IE	2
4027	1840777.39	6300254.61	161.72	CHECK_POINT	9
4028	1840408.25	6299908.58	154.62	SWR_MH_RIM	J22S 337
4031	1840408.26	6299908.58	147.32	SWR_MH_IE	2
4032	1840326.82	6299994.05	154.45	SD_MANHOLE	
4033	1840326.83	6299994.05	139.10	SD_IE	
4034	1840446.29	6300274.11	152.20	SWR_MH_RIM	J22S841
4035	1840446.30	6300274.11	146.28	SWR_MH_IE	2
4036	1840305.62	6300129.89	154.57	SWR_MH_RIM	J22S420
4037	1840305.63	6300129.89	146.63	SWR_MH_IE	2
4038	1840234.03	6300057.09	154.23	SWR_MH_RIM	J22S421
4039	1840234.04	6300057.09	144.77	SWR_MH_IE	3
4040	1840234.68	6300229.85	152.62	SWR_MH_RIM	J22S101
4041	1840234.69	6300229.85	146.07	SWR_MH_IE	2
4042	1840135.14	6300228.38	155.41	SWR_MH_RIM	J22S119
4043	1840135.15	6300228.38	143.67	SWR_MH_IE	3
4044	1840108.00	6300246.20	155.65	SWR_MH_RIM	J22S112
4045	1840108.01	6300246.20	143.41	SWR_MH_IE	3
4046	1839980.20	6300334.41	156.69	SWR_MH_RIM	J22S110

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4047	1839980.21	6300334.41	142.59	SWR_MH_IE	2
4048	1839834.01	6300343.01	153.88	SWR_MH_RIM	J22S111
4049	1839834.02	6300343.01	141.54	SWR_MH_IE	3
4050	1839837.17	6300430.65	156.34	SWR_MH_RIM	J22S114
4051	1839837.18	6300430.65	150.00	SWR_MH_IE	2
4052	1839828.38	6300432.05	156.08	SWR_CO	
4053	1839755.02	6300352.12	151.42	SWR_MH_RIM	J22S115
4054	1839755.03	6300352.12	141.02	SWR_MH_IE	2
4055	1839607.96	6300394.06	154.58	SWR_MH_RIM	J22S193
4056	1839263.56	6300700.69	151.23	SWR_MH_RIM	J22S191
4057	1839427.35	6300542.71	151.77	SWR_MH_RIM	J22S 192
4058	1839427.35	6300542.71	139.77	SWR_MH_IE	2
4059	1839607.97	6300394.06	140.58	SWR_MH_IE	2
4060	1839246.80	6300690.56	139.11	SWR_MH_IE	3
4061	1839246.80	6300690.56	150.31	SWR_MH_RIM	J22S184
4062	1839263.56	6300700.69	143.33	SWR_MH_IE	2
4063	1839743.46	6300906.63	166.17	SWR_MH_RIM	J22S852
4064	1839743.46	6300906.63	161.37	SWR_MH_IE	2
4065	1839747.96	6300899.94	165.98	SWR_MH_RIM	J22S175
4066	1839747.96	6300899.94	161.08	SWR_MH_IE	2
4067	1839830.14	6300900.90	166.99	SWR_MH_RIM	J22S171
4068	1839830.14	6300900.90	160.19	SWR_MH_IE	3
4069	1839945.80	6300903.41	168.35	SWR_MH_RIM	J22S172
4070	1839945.80	6300903.41	160.85	SWR_MH_IE	3
4071	1839943.56	6300996.94	170.54	SWR_MH_RIM	J22S103
4072	1839943.56	6300996.94	162.64	SWR_MH_IE	2
4073	1839939.99	6301252.69	186.89	SWR_MH_RIM	J22S179
4074	1839939.99	6301252.69	181.19	SWR_MH_IE	2
4075	1840136.71	6301256.00	189.58	SWR_MH_RIM	J22S180
4076	1840136.71	6301256.00	185.08	SWR_MH_IE	1
4077	1840197.40	6301257.16	188.24	SWR_MH_RIM	J22S181
4078	1840197.40	6301257.16	182.04	SWR_MH_IE	1
4079	1840201.04	6301000.66	176.33	SWR_MH_RIM	J22S177
4080	1840201.04	6301000.66	170.13	SWR_MH_IE	2
4081	1840202.32	6300906.34	173.24	SWR_MH_RIM	J22S178
4082	1840202.32	6300906.34	166.24	SWR_MH_IE	2
4083	1840495.13	6300499.88	156.57	SWR_MH_RIM	J22S2
4084	1840495.14	6300499.88	148.37	SWR_MH_IE	2
4085	1840636.58	6300471.25	159.15	SWR_MH_RIM	108
4086	1840636.59	6300471.25	153.97	SWR_MH_IE	3
4087	1840638.19	6300441.63	158.64	UTILITY_POLE	
4089	1840654.03	6300444.06	158.67	DEADMAN	
4092	1840640.13	6300414.49	158.74	DEADMAN	
4095	1840642.24	6300507.05	159.30	ELEC_POLE_WUG	
4097	1840492.12	6300729.53	163.22	SWR_MH_RIM	J22S3
4098	1840492.13	6300729.53	152.72	SWR_MH_IE	2
4099	1840486.88	6301085.89	174.69	SWR_MH_RIM	J22S6

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4100	1840486.89	6301085.89	165.21	SWR_MH_IE	2
4101	1840497.92	6301043.99	173.63	WTR_GATE_VALVE	
4102	1840528.95	6301045.32	173.87	FIRE_HYDRANT	
4103	1840453.60	6301357.41	178.71	SWR_MH_RIM	J22S5
4104	1840453.61	6301357.41	166.91	SWR_MH_IE	2
4105	1840463.41	6301358.31	178.08	WTR_GATE_VALVE	
4106	1840495.36	6301363.15	178.47	FIRE_HYDRANT	
4107	1840421.20	6301628.00	176.81	SWR_MH_RIM	J22S225
4108	1840421.21	6301628.00	168.43	SWR_MH_IE	2
4109	1840440.77	6301642.74	176.72	WTR_GATE_VALVE	
4110	1840443.48	6301645.75	176.17	WTR_GATE_VALVE	
4111	1840475.89	6301643.40	176.92	FIRE_HYDRANT	
4112	1840567.35	6301672.36	183.57	SWR_MH_RIM	J22S256
4113	1840567.36	6301672.36	175.37	SWR_MH_IE	2
4114	1840438.63	6301782.50	175.98	SWR_MH_RIM	J22S362
4115	1840438.64	6301782.50	169.43	SWR_MH_IE	2
4116	1840471.19	6301997.92	181.58	SWR_MH_RIM	J22S303
4117	1840471.20	6301997.92	177.12	SWR_MH_IE	2
4118	1840483.67	6301954.77	180.00	WTR_GATE_VALVE	
4119	1840515.56	6301954.14	180.46	FIRE_HYDRANT	
4120	1840627.41	6301041.38	175.24	SWR_MH_RIM	J22S19
4121	1840627.42	6301041.38	169.22	SWR_MH_IE	2
4122	1840625.59	6301166.49	178.10	SWR_MH_RIM	J22S4
4123	1840625.60	6301166.49	171.09	SWR_MH_IE	2
4124	1840629.54	6300877.38	169.97	SWR_MH_RIM	J22S805
4125	1840629.55	6300877.38	162.72	SWR_MH_IE	2
4126	1840859.21	6300925.85	175.14	SWR_MH_RIM	J22S22
4127	1840859.22	6300925.85	167.94	SWR_MH_IE	2
4128	1839648.85	6301626.73	151.11	SWR_MH_RIM	J22S255
4129	1839648.86	6301626.73	146.09	SWR_MH_IE	2
4130	1839644.52	6301927.01	146.87	SWR_MH_RIM	J22S250
4131	1839644.53	6301927.01	141.55	SWR_MH_IE	2
4132	1839829.72	6301960.80	139.96	SWR_MH_RIM	J22S232
4133	1839829.73	6301960.80	129.76	SWR_MH_IE	2
4134	1839833.38	6301983.23	139.76	SD_MANHOLE	
4135	1839833.39	6301983.23	127.63	SD_IE	
4136	1839834.50	6301946.07	140.27	SWR_CO	
4137	1839849.31	6301766.34	148.18	SWR_MH_RIM	J22S231
4138	1839849.32	6301766.34	135.76	SWR_MH_IE	2
4139	1840148.06	6301758.62	156.90	SWR_MH_RIM	J22S228
4140	1840148.07	6301758.62	150.70	SWR_MH_IE	2
4141	1840632.21	6300739.64	164.62	SWR_MH_RIM	J22S1
4142	1840632.22	6300739.64	157.27	SWR_MH_IE	2
4143	1840542.14	6300373.77	156.25	SWR_MH_RIM	J22S109
4144	1840542.15	6300373.77	147.99	SWR_MH_IE	2
4147	1839563.64	6300705.29	160.47	SWR_MH_RIM	J22S190
4150	1839563.64	6300705.29	152.27	SWR_MH_IE	3

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4152	1839562.19	6300704.19	160.20	ELEC_POLE_WUG	
4154	1840862.81	6300680.98	165.48	SWR_MH_RIM	J22S15
4155	1840862.82	6300680.98	160.38	SWR_MH_IE	3
4156	1840826.09	6301493.62	191.31	SWR_MH_RIM	J22S66
4157	1840826.10	6301493.62	182.55	SWR_MH_IE	2
4158	1840612.52	6302105.95	187.73	SWR_MH_RIM	J22S49
4159	1840612.53	6302105.95	182.18	SWR_MH_IE	1
4160	1840616.49	6301834.32	187.12	SWR_MH_RIM	J22S298
4161	1840616.50	6301834.32	176.02	SWR_MH_IE	2
4163	1840822.03	6301814.65	194.29	SWR_MH_RIM	J22S321 SEALED
4164	1840821.54	6301862.12	194.45	SWR_MH_RIM	J22S65
4165	1840821.55	6301862.12	184.20	SWR_MH_IE	2
4166	1840843.27	6302082.40	194.06	SWR_MH_RIM	J22S64
4167	1840843.28	6302082.40	186.28	SWR_MH_IE	1
4168	1840561.47	6300899.57	168.49	FD_RW_PL_PT	LCED 7.06'xPC
4169	1840561.45	6300899.60	168.46	CHECK_POINT	4168
4170	1840530.57	6301061.01	174.24	FD_RW_PL_PT	LCED 7.06'xLL
4171	1840530.57	6301061.01	174.22	CHECK_POINT	4170
4172	1840525.90	6301135.75	175.34	FD_RW_PL_PT	LD LS6668 6.89'xLL
4173	1840525.88	6301135.76	175.34	CHECK_POINT	4172
4174	1840520.88	6301190.10	176.10	FD_RW_PL_PT	LCED 7'xLL
4175	1840520.89	6301190.10	176.08	CHECK_POINT	4174
4176	1840515.30	6301239.80	176.93	FD_RW_PL_PT	LCED 7.07'xLL
4177	1840515.30	6301239.79	176.94	CHECK_POINT	4176
4178	1840508.83	6301289.37	177.68	FD_RW_PL_PT	SDCED 7.06'xLL
4179	1840508.84	6301289.37	177.71	CHECK_POINT	4178
4180	1840501.43	6301338.87	178.32	FD_RW_PL_PT	LCED 7'xLL
4181	1840501.43	6301338.87	178.28	CHECK_POINT	4180
4182	1840493.49	6301385.44	178.91	FD_RW_PL_PT	LCED 7'xPC
4183	1840493.49	6301385.44	178.90	CHECK_POINT	4182
4184	1840484.50	6301445.08	178.93	FD_RW_PL_PT	LCED 7'xLL
4185	1840484.50	6301445.08	178.92	CHECK_POINT	4184
4186	1840477.30	6301535.73	178.39	FD_RW_PL_PT	L/H 7'xLL
4187	1840477.29	6301535.74	178.35	CHECK_POINT	4186
4188	1840508.69	6301855.33	177.43	FD_RW_PL_PT	LCED 7.06'xLL
4189	1840508.70	6301855.31	177.47	CHECK_POINT	4188
4190	1840514.37	6301904.67	178.88	FD_RW_PL_PT	LCED 7'xLL
4191	1840514.36	6301904.66	178.88	CHECK_POINT	4190
4192	1840518.71	6302048.79	182.13	FD_RW_PL_PT	LCED 6.75'xLL
4193	1840518.72	6302048.83	182.03	CHECK_POINT	4192
4194	1840517.64	6302123.92	181.51	FD_RW_PL_PT	SDCED 7.07'xPC
4195	1840517.67	6302123.93	181.49	CHECK_POINT	4194
4196	1840477.90	6302123.45	181.47	FD_RW_PL_PT	LCED 7.18'xPC
4197	1840477.87	6302123.47	181.43	CHECK_POINT	4196
4198	1840478.77	6302048.32	182.12	FD_RW_PL_PT	LCED 7'xLL
4199	1840478.76	6302048.33	182.11	CHECK_POINT	4198
4200	1840468.22	6301853.90	177.26	FD_RW_PL_PT	LCED 7.06'xLL

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4201	1840468.23	6301853.92	177.21	CHECK_POINT	4200
4202	1840459.95	6301804.28	176.34	FD_RW_PL_PT	LCED 7'xLL
4203	1840459.94	6301804.27	176.35	CHECK_POINT	4202
4204	1840458.07	6301794.71	176.20	FD_RW_PL_PT	LCED 7'xPC
4205	1840458.06	6301794.71	176.20	CHECK_POINT	4204
4206	1840450.94	6301755.25	175.81	FD_RW_PL_PT	LCED 7'xLL
4207	1840450.94	6301755.27	175.84	CHECK_POINT	4206
4208	1840444.17	6301446.34	178.68	FD_RW_PL_PT	LCED 7.10'xLL
4209	1840444.17	6301446.35	178.65	CHECK_POINT	4208
4210	1840464.28	6301318.07	178.10	FD_RW_PL_PT	LCED 7.07'xLL
4211	1840464.28	6301318.07	178.11	CHECK_POINT	4210
4212	1840471.48	6301268.49	177.44	FD_RW_PL_PT	LCED 7.09'xLL
4213	1840471.49	6301268.50	177.47	CHECK_POINT	4212
4214	1840477.68	6301218.72	176.73	FD_RW_PL_PT	LCED 7.10'xLL
4215	1840477.67	6301218.72	176.72	CHECK_POINT	4214
4216	1840485.44	6301138.79	175.34	FD_RW_PL_PT	LCED 7'xLL
4217	1840485.44	6301138.80	175.35	CHECK_POINT	4216
4218	1840490.71	6301058.73	174.18	FD_RW_PL_PT	LCED 7'xLL
4219	1840490.71	6301058.73	174.19	CHECK_POINT	4218
4220	1840467.63	6300898.22	168.01	FD_RW_PL_PT	LCED 7'xLL
4221	1840467.61	6300898.23	167.97	CHECK_POINT	4220
4222	1840534.10	6300926.15	169.56	FD_RW_PL_PT	LCED 7.08'xPC
4223	1840534.09	6300926.17	169.54	CHECK_POINT	4222
4224	1840468.21	6300858.25	167.91	FD_RW_PL_PT	LCED 7'xPC
4225	1840468.20	6300858.26	167.92	CHECK_POINT	4224
4228	1840496.08	6300796.58	165.25	FD_RW_PL_PT	LCED 7'xLL
4229	1840496.07	6300796.58	165.26	CHECK_POINT	4228
4230	1840496.77	6300741.56	163.62	FD_RW_PL_PT	LCED 6.91'xLL
4231	1840496.77	6300741.57	163.58	CHECK_POINT	4230
4232	1840497.62	6300686.63	161.97	FD_RW_PL_PT	LCED 7'xLL
4233	1840497.62	6300686.63	161.95	CHECK_POINT	4232
4234	1840498.38	6300631.61	160.40	FD_RW_PL_PT	LCED 6.93'xLL
4235	1840498.38	6300631.60	160.42	CHECK_POINT	4234
4236	1840499.27	6300576.60	158.72	FD_RW_PL_PT	LCED 7'xLL
4237	1840499.28	6300576.61	158.70	CHECK_POINT	4236
4238	1840499.35	6300571.65	158.43	FD_RW_PL_PT	LCED 7'xPC
4239	1840499.36	6300571.65	158.42	CHECK_POINT	4238
4240	1840487.89	6300505.66	156.84	FD_RW_PL_PT	LCED 7'xLL
4241	1840487.86	6300505.66	156.80	CHECK_POINT	4240
4242	1840438.57	6300433.33	155.33	FD_RW_PL_PT	LCED 6.93'xLL
4243	1840438.56	6300433.31	155.35	CHECK_POINT	4242
4244	1840376.11	6300368.47	153.97	FD_RW_PL_PT	LCED 6.93'xLL
4245	1840376.11	6300368.48	153.97	CHECK_POINT	4244
4246	1840429.21	6300365.94	154.31	FD_RW_PL_PT	LCED 7.06'xPC
4247	1840429.21	6300365.95	154.29	CHECK_POINT	4246
4248	1840456.93	6300394.75	155.01	FD_RW_PL_PT	LCED 7.08'xLL
4249	1840456.91	6300394.76	154.97	CHECK_POINT	4248

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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **7 of 39**

CHAIN:

CADD: **MYERS**

INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4250	1840490.61	6300430.83	155.83	FD_RW_PL_PT	LCED 7'xLL
4251	1840490.61	6300430.84	155.83	CHECK_POINT	4250
4252	1840520.62	6300480.27	156.63	FD_RW_PL_PT	LCED 7.06'xLL
4253	1840520.59	6300480.26	156.68	CHECK_POINT	4252
4254	1840536.21	6300531.92	157.61	FD_RW_PL_PT	LCED 7'xLL
4255	1840536.22	6300531.91	157.59	CHECK_POINT	4254
4256	1840539.22	6300577.26	158.82	FD_RW_PL_PT	LCED 7'xLL
4257	1840539.22	6300577.26	158.80	CHECK_POINT	4256
4258	1840538.37	6300632.12	160.44	FD_RW_PL_PT	LCED 7.08'xLL
4259	1840538.38	6300632.13	160.43	CHECK_POINT	4258
4260	1840537.64	6300687.12	162.06	FD_RW_PL_PT	LCED 7'xLL
4261	1840537.67	6300687.14	162.05	CHECK_POINT	4260
4262	1840536.90	6300742.15	163.70	FD_RW_PL_PT	LCED 6.94'xLL
4263	1840536.91	6300742.17	163.67	CHECK_POINT	4262
4264	1840535.52	6300832.23	166.31	FD_RW_PL_PT	LCED 7'xPC
4265	1840535.52	6300832.24	166.34	CHECK_POINT	4264
4266	1840562.08	6300859.66	168.69	FD_RW_PL_PT	LCED 7'xPC
4267	1840562.09	6300859.66	168.65	CHECK_POINT	4266
4268	1840533.49	6300972.01	171.78	FD_RW_PL_PT	LCED 7'xPC
4269	1840533.50	6300972.03	171.67	CHECK_POINT	4268
4270	1840635.00	6300860.88	170.35	FD_RW_PL_PT	LCED 7.17'xLL
4271	1840635.00	6300860.87	170.35	CHECK_POINT	4270
4272	1840700.20	6300861.71	171.32	FD_RW_PL_PT	LCED 7'xPC
4273	1840700.20	6300861.71	171.28	CHECK_POINT	4272
4274	1840730.29	6300835.12	170.41	FD_RW_PL_PT	LCED 9.82'xPC
4275	1840730.27	6300835.12	170.38	CHECK_POINT	4274
4276	1840730.78	6300800.08	168.83	FD_RW_PL_PT	LCED 9.8'xLL
4277	1840730.78	6300800.09	168.80	CHECK_POINT	4276
4278	1840731.57	6300745.06	166.87	FD_RW_PL_PT	LCED 9.8'xLL
4279	1840731.59	6300745.06	166.89	CHECK_POINT	4278
4280	1840722.90	6300715.40	165.48	FD_RW_PL_PT	LCED 9.75'xPC
4281	1840722.90	6300715.40	165.41	CHECK_POINT	4280
4282	1840712.38	6300689.78	163.97	FD_RW_PL_PT	LCED 9.75'xLL
4283	1840712.38	6300689.78	163.95	CHECK_POINT	4282
4284	1840725.18	6300663.12	162.86	FD_RW_PL_PT	LCED 9.75'xLL
4285	1840725.16	6300663.13	162.81	CHECK_POINT	4284
4286	1840773.97	6300666.77	162.89	FD_RW_PL_PT	LCED 9.69'xLL
4287	1840773.96	6300666.78	162.82	CHECK_POINT	4286
4288	1840782.54	6300695.79	164.28	FD_RW_PL_PT	LCED 9.63'xLL
4289	1840782.54	6300695.79	164.21	CHECK_POINT	4288
4290	1840771.61	6300716.07	165.69	FD_RW_PL_PT	LCED 9.75'xPC
4291	1840771.62	6300716.06	165.69	CHECK_POINT	4290
4292	1840762.09	6300737.39	166.69	FD_RW_PL_PT	LCED 9.75'xPC
4293	1840762.08	6300737.38	166.69	CHECK_POINT	4292
4294	1840762.02	6300745.54	166.97	FD_RW_PL_PT	LCED 9.75'xLL
4295	1840762.03	6300745.55	166.99	CHECK_POINT	4294
4296	1840761.27	6300800.57	169.20	FD_RW_PL_PT	LCED 9.75'xLL

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CHIEF: **BROOKS**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4297	1840761.28	6300800.58	169.20	CHECK_POINT	4296
4298	1840760.66	6300835.54	170.64	FD_RW_PL_PT	LCED 9.81'xPC
4299	1840760.66	6300835.55	170.56	CHECK_POINT	4298
4300	1840762.01	6300929.32	173.19	FD_RW_PL_PT	SDCED 7.12'xPC
4301	1840762.02	6300929.30	173.26	CHECK_POINT	4300
4302	1840725.47	6300974.79	174.35	FD_RW_PL_PT	LCED 7'xPC
4303	1840725.48	6300974.81	174.33	CHECK_POINT	4302
4304	1840761.19	6300989.60	175.13	FD_RW_PL_PT	LCED 7'xLL
4305	1840761.22	6300989.62	175.14	CHECK_POINT	4304
4306	1840761.45	6300975.29	174.45	FD_RW_PL_PT	LCED 7'xPC
4307	1840761.47	6300975.30	174.45	CHECK_POINT	4306
4308	1840758.56	6301064.27	176.85	FD_RW_PL_PT	LCED 7'xLL
4309	1840758.57	6301064.26	176.84	CHECK_POINT	4308
4310	1840753.77	6301138.91	178.81	FD_RW_PL_PT	LCED 7'xLL
4311	1840753.76	6301138.91	178.78	CHECK_POINT	4310
4312	1840749.36	6301188.61	180.13	FD_RW_PL_PT	L/H 7'xLL
4313	1840749.35	6301188.61	180.10	CHECK_POINT	4312
4314	1840744.55	6301233.19	181.35	FD_RW_PL_PT	LCED 7'xLL
4315	1840744.55	6301233.20	181.38	CHECK_POINT	4314
4316	1840738.29	6301282.68	182.54	FD_RW_PL_PT	LCED 7'xLL
4317	1840738.28	6301282.69	182.56	CHECK_POINT	4316
4318	1840731.03	6301332.00	183.44	FD_RW_PL_PT	LCED 7'xLL
4319	1840731.04	6301332.00	183.45	CHECK_POINT	4318
4320	1840722.82	6301381.22	184.34	FD_RW_PL_PT	LCED 7'xLL
4321	1840722.82	6301381.23	184.32	CHECK_POINT	4320
4322	1840721.60	6301388.41	184.32	FD_RW_PL_PT	LCED 7'xPC
4323	1840721.57	6301388.43	184.31	CHECK_POINT	4322
4324	1840710.52	6301465.80	185.71	FD_RW_PL_PT	LCED 7'xLL
4325	1840710.52	6301465.80	185.70	CHECK_POINT	4324
4326	1840704.97	6301546.11	187.18	FD_RW_PL_PT	LCED 7.07'xLL
4327	1840704.98	6301546.12	187.16	CHECK_POINT	4326
4328	1840705.48	6301627.09	187.85	FD_RW_PL_PT	LCED 7.08xLL
4329	1840705.48	6301627.10	187.80	CHECK_POINT	4328
4330	1840711.89	6301706.88	188.19	FD_RW_PL_PT	LCED 7.13'xLL
4331	1840711.90	6301706.90	188.19	CHECK_POINT	4330
4332	1840724.40	6301786.46	188.44	FD_RW_PL_PT	LCED 7.07'xLL
4333	1840724.40	6301786.46	188.41	CHECK_POINT	4332
4334	1840725.27	6301790.68	188.40	FD_RW_PL_PT	LCED 7'xPC
4335	1840725.26	6301790.68	188.41	CHECK_POINT	4334
4336	1840733.19	6301835.39	188.63	FD_RW_PL_PT	LCED 7.15'xLL
4337	1840733.21	6301835.39	188.63	CHECK_POINT	4336
4338	1840739.90	6301884.65	189.53	FD_RW_PL_PT	LCED 7.14'xLL
4339	1840739.91	6301884.65	189.47	CHECK_POINT	4338
4340	1840742.43	6301908.76	190.15	FD_RW_PL_PT	L/T 7.09'xLL
4341	1840742.43	6301908.77	190.14	CHECK_POINT	4340
4342	1840744.43	6301934.12	190.86	FD_RW_PL_PT	LCED 7.12'xLL
4343	1840744.43	6301934.12	190.85	CHECK_POINT	4342

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4344	1840747.15	6302018.61	191.83	FD_RW_PL_PT	LCED 7'xLL
4345	1840747.15	6302018.60	191.82	CHECK_POINT	4344
4346	1840747.03	6302027.96	191.90	FD_RW_PL_PT	LCED 7'xPC
4347	1840747.02	6302027.96	191.91	CHECK_POINT	4346
4348	1840745.62	6302127.07	188.56	FD_RW_PL_PT	SDCED 7.13'xPC
4349	1840745.61	6302127.04	188.58	CHECK_POINT	4348
4350	1840772.28	6302154.31	187.26	FD_RW_PL_PT	L/T 6.94'xPC
4351	1840772.28	6302154.31	187.27	CHECK_POINT	4350
4352	1840709.89	6302126.58	188.45	FD_RW_PL_PT	SDCED 7.13'xPC
4353	1840709.87	6302126.59	188.45	CHECK_POINT	4352
4354	1840711.09	6302027.42	191.90	FD_RW_PL_PT	LCED 7'xPC
4355	1840711.09	6302027.43	191.89	CHECK_POINT	4354
4356	1840711.05	6302028.52	191.93	FD_RW_PL_PT	LCED 7'xLL
4357	1840711.04	6302028.54	191.93	CHECK_POINT	4356
4358	1840708.25	6301931.98	190.54	FD_RW_PL_PT	LCED 6.93'xLL
4359	1840708.25	6301931.98	190.57	CHECK_POINT	4358
4360	1840703.48	6301882.16	189.29	FD_RW_PL_PT	LCED 7'xLL
4361	1840703.47	6301882.17	189.29	CHECK_POINT	4360
4362	1840696.36	6301832.50	188.65	FD_RW_PL_PT	LCED 7'xLL
4363	1840696.35	6301832.51	188.68	CHECK_POINT	4362
4364	1840690.04	6301797.76	188.21	FD_RW_PL_PT	LCED 7'xPC
4365	1840690.03	6301797.77	188.20	CHECK_POINT	4364
4366	1840687.45	6301783.14	187.59	FD_RW_PL_PT	LCED 7.25'xLL
4367	1840687.43	6301783.11	187.61	CHECK_POINT	4366
4368	1840675.24	6301701.61	188.10	FD_RW_PL_PT	LCED 7'xLL
4369	1840675.23	6301701.61	188.12	CHECK_POINT	4368
4370	1840669.19	6301616.82	187.83	FD_RW_PL_PT	LCED 7.05'xLL
4371	1840669.20	6301616.81	187.83	CHECK_POINT	4370
4372	1840669.61	6301532.51	186.91	FD_RW_PL_PT	L/H 7.10'xLL
4373	1840669.62	6301532.50	186.93	CHECK_POINT	4372
4374	1840686.07	6301382.08	184.43	FD_RW_PL_PT	L/H 7'xPC
4375	1840686.07	6301382.08	184.46	CHECK_POINT	4374
4376	1840690.12	6301359.76	184.14	FD_RW_PL_PT	LCED 7.10'xLL
4377	1840690.12	6301359.76	184.14	CHECK_POINT	4376
4378	1840698.01	6301310.42	183.16	FD_RW_PL_PT	LCED 7.08'xLL
4379	1840698.02	6301310.42	183.13	CHECK_POINT	4378
4380	1840704.94	6301260.86	182.21	FD_RW_PL_PT	LCED 7.07'xLL
4381	1840704.94	6301260.86	182.14	CHECK_POINT	4380
4382	1840710.88	6301211.18	180.98	FD_RW_PL_PT	LCED 7.07'xLL
4383	1840710.86	6301211.17	180.98	CHECK_POINT	4382
4384	1840717.32	6301144.00	179.03	FD_RW_PL_PT	LCED 7.07'xLL
4385	1840717.34	6301144.01	179.03	CHECK_POINT	4384
4386	1840722.60	6301063.98	176.88	FD_RW_PL_PT	LCED 7'xLL
4387	1840722.59	6301063.99	176.90	CHECK_POINT	4386
4388	1840725.21	6300989.00	174.86	FD_RW_PL_PT	LCED 7'xLL
4389	1840725.21	6300989.00	174.84	CHECK_POINT	4388
4390	1840726.15	6300928.99	173.15	FD_RW_PL_PT	LCED 7'xPC

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4391	1840726.14	6300928.98	173.16	CHECK_POINT	4390
4392	1840699.53	6300901.63	171.10	FD_RW_PL_PT	L/H 7'xPC
4393	1840699.52	6300901.64	171.06	CHECK_POINT	4392
4394	1840634.57	6300900.57	169.46	FD_RW_PL_PT	LCED 7.13'xLL
4395	1840634.56	6300900.56	169.50	CHECK_POINT	4394
4396	1840647.55	6300869.30	170.22	WTR_GATE_VALVE	
4397	1840499.34	6300571.64	158.42	FD_RW_PL_PT	LCED 7'xPC
4398	1840499.34	6300571.65	158.41	CHECK_POINT	4397
4399	1840477.85	6300416.31	155.44	FD_RW_PL_PT	LCED 7'xPC
4400	1840477.86	6300416.36	155.39	CHECK_POINT	4399
4401	1840463.44	6300430.22	154.35	FD_WEL_MON	CED CL PC
4402	1840463.44	6300430.21	154.35	CHECK_POINT	4401
4403	1840523.56	6300237.60	152.33	FD_RW_PL_PT	LCED 7.11'xLL
4404	1840523.57	6300237.61	152.32	CHECK_POINT	4403
4405	1840559.65	6300202.87	154.18	FD_RW_PL_PT	LCED 7.07'xLL
4406	1840559.66	6300202.88	154.25	CHECK_POINT	4405
4407	1840614.32	6300150.17	158.33	FD_RW_PL_PT	LCED 7.06'xPC
4408	1840614.33	6300150.16	158.37	CHECK_POINT	4407
4409	1840654.67	6300148.77	161.06	FD_RW_PL_PT	LCED 10.08'xPC
4410	1840654.65	6300148.76	161.11	CHECK_POINT	4409
4411	1840696.13	6300192.24	162.56	FD_RW_PL_PT	LCED 9.75'xLL
4412	1840696.12	6300192.23	162.56	CHECK_POINT	4411
4413	1840736.51	6300234.04	162.29	FD_RW_PL_PT	LCED 9.89'xPC
4414	1840736.53	6300234.04	162.32	CHECK_POINT	4413
4415	1840744.75	6300255.82	161.57	FD_RW_PL_PT	LCED 9.89'xRW
4416	1840744.76	6300255.84	161.54	CHECK_POINT	4415
4417	1840802.42	6300284.40	161.31	FD_RW_PL_PT	LCED 9.87'xRW
4418	1840802.42	6300284.42	161.29	CHECK_POINT	4417
4419	1840817.50	6300250.16	161.76	FD_RW_PL_PT	SDCED 6.78'xRW
4420	1840817.51	6300250.16	161.77	CHECK_POINT	4419
4421	1840779.83	6300222.13	162.07	FD_RW_PL_PT	LCED 9.75'xPC
4422	1840779.83	6300222.14	162.11	CHECK_POINT	4421
4423	1840767.40	6300218.44	162.17	FD_RW_PL_PT	SDCED 8.88'xLL
4424	1840767.40	6300218.47	162.17	CHECK_POINT	4423
4425	1840728.48	6300181.88	162.63	FD_RW_PL_PT	LCED 9.75'xLL
4426	1840728.48	6300181.88	162.67	CHECK_POINT	4425
4427	1840679.09	6300087.76	161.18	FD_RW_PL_PT	LCED 7'xPC
4428	1840679.09	6300087.75	161.18	CHECK_POINT	4427
4429	1840654.11	6300061.88	161.21	FD_RW_PL_PT	LCED 7'xPC
4430	1840654.12	6300061.89	161.21	CHECK_POINT	4429
4431	1840616.00	6300061.18	158.51	FD_RW_PL_PT	LCED 7'xPC
4432	1840615.99	6300061.17	158.49	CHECK_POINT	4431
4433	1840433.10	6299897.30	152.74	FD_RW_PL_PT	L/D DIV OF H/W 0.11'xCL
4434	1840433.08	6299897.30	152.74	CHECK_POINT	4433
4435	1840494.31	6299986.67	154.67	FD_RW_PL_PT	L/D LS 8742 7'xLL
4436	1840494.31	6299986.66	154.60	CHECK_POINT	4435
4437	1840405.02	6300302.05	153.18	FD_RW_PL_PT	L/D LS 8742 7'xPC

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Pt. #	Northing	Easting	Elevation	Feature	Description
4438	1840405.03	6300302.04	153.12	CHECK_POINT	4437
4439	1840366.87	6300301.22	152.86	FD_RW_PL_PT	L/D LS 8742 7.07'xPC
4440	1840366.87	6300301.22	152.86	CHECK_POINT	4439
4441	1840711.53	6300056.55	162.70	FD_RW_PL_PT	LCED 7'xLL
4442	1840711.52	6300056.54	162.66	CHECK_POINT	4441
4443	1840686.53	6300030.61	162.49	FD_RW_PL_PT	L/H 7'xLL
4444	1840686.52	6300030.61	162.51	CHECK_POINT	4443
4445	1840289.39	6300278.43	151.97	FD_RW_PL_PT	LCED 6.94'xPC
4446	1840289.40	6300278.44	151.95	CHECK_POINT	4445
4447	1840303.03	6300236.56	152.81	FD_RW_PL_PT	L/D LS 8742 7.36'xLL
4448	1840302.94	6300236.49	152.37	CHECK_POINT	4447
4449	1840253.11	6300204.15	152.28	FD_RW_PL_PT	L/D LS 8742 7.61'xLL
4450	1840253.13	6300204.14	152.29	CHECK_POINT	4449
4451	1840254.21	6300250.07	152.18	FD_RW_PL_PT	LCED 6.60'xRW
4452	1840254.21	6300250.07	152.21	CHECK_POINT	4451
4453	1840166.90	6300222.43	154.62	FD_RW_PL_PT	L/D DIV OF H/W 7'xRW
4454	1840166.90	6300222.38	154.71	CHECK_POINT	4453
4455	1839989.91	6300459.11	159.65	FD_RW_PL_PT	L/H 7'xLL
4456	1839989.91	6300459.12	159.63	CHECK_POINT	4455
4457	1839991.19	6300361.64	157.42	FD_RW_PL_PT	CHSLDX 7.13'xLL
4458	1839991.18	6300361.64	157.42	CHECK_POINT	4457
4459	1839992.07	6300348.33	156.77	FD_RW_PL_PT	DRILL HOLE DID NOT USE
4460	1839992.06	6300348.33	156.75	CHECK_POINT	4459
4461	1840157.74	6300189.55	154.66	FD_RW_PL_PT	DRILL HOLE DID NOT USE
4462	1840157.74	6300189.56	154.63	CHECK_POINT	4461
4463	1840306.82	6300296.46	152.06	FD_RW_PL_PT	LCED 7'xLL
4464	1840306.80	6300296.46	152.07	CHECK_POINT	4463
4465	1839954.82	6300403.46	158.50	FD_RW_PL_PT	L/D LS 7046 7.12'xLL
4466	1839954.81	6300403.47	158.45	CHECK_POINT	4465
4467	1839953.18	6300513.49	160.97	FD_RW_PL_PT	LCED 7.10'xLL
4468	1839953.18	6300513.50	160.96	CHECK_POINT	4467
4469	1839951.46	6300623.57	163.27	FD_RW_PL_PT	LCED 7'xLL
4470	1839951.46	6300623.57	163.26	CHECK_POINT	4469
4471	1839949.95	6300733.64	165.57	FD_RW_PL_PT	LCED 7.10'xLL
4472	1839949.91	6300733.65	165.58	CHECK_POINT	4471
4473	1839949.08	6300788.70	166.68	FD_RW_PL_PT	LCED 7'xLL
4474	1839949.06	6300788.71	166.67	CHECK_POINT	4473
4475	1839988.33	6300569.05	162.26	FD_RW_PL_PT	LCED 6.94'xLL
4476	1839988.33	6300569.05	162.27	CHECK_POINT	4475
4477	1839989.10	6300514.19	161.06	FD_RW_PL_PT	LCED 7'xLL
4478	1839989.09	6300514.20	161.05	CHECK_POINT	4477
4479	1840200.49	6301171.37	184.72	FD_RW_PL_PT	LCED 7.05'xLL
4480	1840200.50	6301171.37	184.74	CHECK_POINT	4479
4481	1840236.20	6301182.65	185.31	FD_RW_PL_PT	LCED 7.07'xPC
4482	1840236.20	6301182.66	185.25	CHECK_POINT	4481
4483	1840229.87	6301219.05	186.85	FD_RW_PL_PT	LCED 6.81'xLL
4484	1840229.85	6301219.06	186.84	CHECK_POINT	4483

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CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4485	1840147.98	6301291.23	189.44	FD_RW_PL_PT	L/T 7'xLL
4486	1840147.96	6301291.24	189.41	CHECK_POINT	4485
4487	1840121.72	6301294.00	189.61	FD_RW_PL_PT	L/T 7'xPC
4488	1840121.71	6301294.01	189.56	CHECK_POINT	4487
4489	1840091.68	6301293.48	189.33	FD_RW_PL_PT	LCED 7'xLL
4490	1840091.66	6301293.47	189.38	CHECK_POINT	4489
4491	1840023.83	6301288.11	188.65	FD_RW_PL_PT	L/T 7.11'xLL
4492	1840023.84	6301288.09	188.69	CHECK_POINT	4491
4493	1839994.03	6301274.24	187.45	FD_RW_PL_PT	L/T 7'xLL
4494	1839994.02	6301274.24	187.46	CHECK_POINT	4493
4495	1839966.23	6301248.13	186.40	FD_RW_PL_PT	L/H 7.06'xLL
4496	1839966.22	6301248.14	186.43	CHECK_POINT	4495
4497	1839951.04	6301220.92	185.22	FD_RW_PL_PT	L/T 7.07'xLL
4498	1839951.02	6301220.92	185.21	CHECK_POINT	4497
4499	1839943.27	6301178.30	183.06	FD_RW_PL_PT	DRILL HOLE 7'xPC
4500	1839943.28	6301178.30	183.06	CHECK_POINT	4499
4501	1839943.45	6301172.59	182.69	FD_RW_PL_PT	L/T 7.05'xLL
4502	1839943.45	6301172.59	182.68	CHECK_POINT	4501
4503	1839944.88	6301072.56	175.27	FD_RW_PL_PT	LCED 7'xLL
4504	1839944.87	6301072.57	175.23	CHECK_POINT	4503
4505	1839946.35	6300972.57	169.72	FD_RW_PL_PT	LCED 7'xLL
4506	1839946.33	6300972.57	169.72	CHECK_POINT	4505
4507	1839947.14	6300917.54	168.59	FD_RW_PL_PT	LCED 7'xPC
4508	1839947.14	6300917.54	168.58	CHECK_POINT	4507
4509	1840010.52	6300891.47	169.06	FD_RW_PL_PT	LCED 7'xPC
4510	1840010.50	6300891.49	169.07	CHECK_POINT	4509
4511	1839982.39	6300968.13	169.37	FD_RW_PL_PT	LCED 7'xLL
4512	1839982.39	6300968.13	169.39	CHECK_POINT	4511
4513	1839980.10	6301118.07	179.07	FD_RW_PL_PT	L/H 7.10'xLL
4514	1839980.10	6301118.07	179.04	CHECK_POINT	4513
4515	1839979.41	6301168.17	182.36	FD_RW_PL_PT	LCED 7.05'xLL
4516	1839979.41	6301168.18	182.34	CHECK_POINT	4515
4517	1839979.23	6301178.86	183.03	FD_RW_PL_PT	LCED 7.08'xPC
4518	1839979.24	6301178.86	182.97	CHECK_POINT	4517
4519	1840055.15	6301256.97	189.27	FD_RW_PL_PT	L/T 7'xPC
4520	1840055.15	6301256.96	189.26	CHECK_POINT	4519
4521	1840088.71	6301257.45	189.35	FD_RW_PL_PT	L/H 7'xLL
4522	1840088.71	6301257.46	189.31	CHECK_POINT	4521
4523	1840200.34	6301182.06	185.36	FD_RW_PL_PT	LCED 7.07'xPC
4524	1840200.35	6301182.08	185.36	CHECK_POINT	4523
4525	1840201.28	6301121.26	182.22	FD_RW_PL_PT	LCED 7.09'xLL
4526	1840201.27	6301121.26	182.24	CHECK_POINT	4525
4527	1840202.72	6301021.33	177.30	FD_RW_PL_PT	LCED 7'xLL
4528	1840202.72	6301021.35	177.25	CHECK_POINT	4527
4529	1840204.23	6300921.30	173.60	FD_RW_PL_PT	LCED 7.06'xPC
4530	1840204.26	6300921.33	173.59	CHECK_POINT	4529
4531	1840177.83	6300893.94	172.29	FD_RW_PL_PT	LCED 7'xPC

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CHIEF: **BROOKS**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4532	1840177.80	6300893.95	172.28	CHECK_POINT	4531
4533	1840122.62	6300893.18	170.99	FD_RW_PL_PT	LCED 7'xLL
4534	1840122.60	6300893.16	171.03	CHECK_POINT	4533
4535	1840070.57	6300892.37	170.27	FD_RW_PL_PT	LCED 7'xLL
4536	1840070.57	6300892.39	170.26	CHECK_POINT	4535
4537	1840237.84	6301076.85	180.04	FD_RW_PL_PT	LCED 7'xLL
4538	1840237.84	6301076.86	180.02	CHECK_POINT	4537
4539	1840240.10	6300921.77	173.55	FD_RW_PL_PT	LCED 7.06'xPC
4540	1840240.10	6300921.78	173.59	CHECK_POINT	4539
4541	1840267.55	6300895.26	171.71	FD_RW_PL_PT	LCED 7'xPC
4542	1840267.54	6300895.26	171.72	CHECK_POINT	4541
4543	1840324.70	6300896.11	169.86	FD_RW_PL_PT	LCED 7'xLL
4544	1840324.68	6300896.10	169.86	CHECK_POINT	4543
4545	1840467.61	6300898.25	167.96	FD_RW_PL_PT	LCED 7'xRW
4546	1840467.62	6300898.24	168.01	CHECK_POINT	4545
4547	1840398.09	6300857.18	168.49	FD_RW_PL_PT	LCED 7'xLL
4548	1840398.09	6300857.18	168.53	CHECK_POINT	4547
4549	1840223.11	6300854.70	172.83	FD_RW_PL_PT	L/T 7.06'xLL
4550	1840223.10	6300854.70	172.88	CHECK_POINT	4549
4551	1839846.23	6300849.12	166.68	FD_RW_PL_PT	LCED 7'xLL
4552	1839846.21	6300849.11	166.70	CHECK_POINT	4551
4553	1839621.52	6300819.04	164.31	FD_RW_PL_PT	LCED 7'xPC
4554	1839621.52	6300819.05	164.35	CHECK_POINT	4553
4555	1839948.89	6300323.74	156.65	FD_RW_PL_PT	1"IP DIV HWY LL
4556	1839948.87	6300323.73	156.70	CHECK_POINT	4555
4557	1839844.35	6300337.91	153.64	FD_RW_PL_PT	1/2"REBAR W/PLASTIC CAP LS 7046
4558	1839844.36	6300337.90	153.62	CHECK_POINT	4557
4559	1839806.13	6300343.00	152.43	FD_RW_PL_PT	1"IP DIV HWY LL PC
4560	1839806.11	6300343.00	152.43	CHECK_POINT	4559
4561	1839752.54	6300401.45	152.78	FD_RW_PL_PT	1"IP DIV HWY LL
4562	1839752.55	6300401.47	152.72	CHECK_POINT	4561
4563	1839751.77	6300455.52	154.06	FD_RW_PL_PT	1"IP W/DISK LS 6045 LL
4564	1839751.75	6300455.50	154.05	CHECK_POINT	4563
4565	1839843.31	6300401.89	155.20	FD_RW_PL_PT	1/2"REBAR W/PLASTIC CAP LS 7046
4566	1839843.30	6300401.90	155.18	CHECK_POINT	4565
4567	1839977.67	6301735.47	151.61	FD_RW_PL_PT	L/D RE 1534 4'xLL
4568	1839977.67	6301735.46	151.55	CHECK_POINT	4567
4569	1840029.54	6301736.10	153.49	FD_RW_PL_PT	L/D RE 1534 3.91'xLL
4570	1840029.54	6301736.10	153.49	CHECK_POINT	4569
4571	1840081.62	6301736.91	155.06	FD_RW_PL_PT	L/H 4'xLL
4572	1840081.62	6301736.91	155.04	CHECK_POINT	4571
4573	1840133.71	6301737.57	156.76	FD_RW_PL_PT	L/D RE 1534 4'xLL
4574	1840133.72	6301737.56	156.71	CHECK_POINT	4573
4575	1840185.73	6301738.36	158.37	FD_RW_PL_PT	L/D RE 1534 4'xLL
4576	1840185.72	6301738.36	158.39	CHECK_POINT	4575
4577	1840237.69	6301738.84	159.87	FD_RW_PL_PT	L/D RE 1534 3.80'xLL
4578	1840237.66	6301738.83	159.87	CHECK_POINT	4577

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CHIEF: **BROOKS**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4579	1840277.39	6301732.92	160.96	FD_RW_PL_PT	L/D SDCED 4'xPC
4580	1840277.36	6301732.95	160.90	CHECK_POINT	4579
4581	1840289.50	6301725.37	161.82	FD_RW_PL_PT	L/D RE 1534 3.90'xLL
4582	1840289.48	6301725.38	161.76	CHECK_POINT	4581
4583	1840334.01	6301738.78	162.46	FD_RW_PL_PT	L/D RE 1534 3.85'xPC
4584	1840334.01	6301738.77	162.47	CHECK_POINT	4583
4585	1840333.29	6301783.98	162.39	FD_RW_PL_PT	L/D RE 1534 4'xPC
4586	1840333.31	6301783.97	162.36	CHECK_POINT	4585
4587	1840304.27	6301762.55	161.88	FD_RW_PL_PT	PK NAIL 1.6'xCL
4588	1840304.26	6301762.54	161.91	CHECK_POINT	4587
4589	1840287.44	6301795.71	161.48	CHECK_POINT	5299
4590	1840276.48	6301788.21	160.92	FD_RW_PL_PT	L/D RE 1534 4'xPC
4591	1840276.49	6301788.22	160.91	CHECK_POINT	4590
4592	1840235.74	6301781.01	159.82	FD_RW_PL_PT	L/D RE 1534 4'xLL
4593	1840235.73	6301781.01	159.80	CHECK_POINT	4592
4594	1840215.83	6301776.29	158.82	WTR_METER	
4595	1840185.38	6301780.36	158.18	FD_RW_PL_PT	L/D RE1534 4'xLL
4596	1840185.39	6301780.35	158.19	CHECK_POINT	4595
4597	1840135.04	6301779.67	156.76	FD_RW_PL_PT	L/D SDCED 4'xLL
4598	1840135.05	6301779.68	156.75	CHECK_POINT	4597
4599	1840034.36	6301778.30	153.33	FD_RW_PL_PT	L/D SDCED 4'xLL
4600	1840034.36	6301778.29	153.34	CHECK_POINT	4599
4601	1839922.04	6301771.14	149.79	FD_RW_PL_PT	L/H 9.58'xLL
4602	1839922.01	6301771.13	149.76	CHECK_POINT	4601
4603	1839922.45	6301740.30	149.70	FD_RW_PL_PT	L/D RE 6170 9.58'xLL
4604	1839922.46	6301740.28	149.74	CHECK_POINT	4603
4605	1840814.83	6302188.53	188.99	CHECK_POINT	8
4606	1839550.61	6302513.41	133.07	FD_RW_PL_PT	L/D LCED 7.34'xPC
4607	1839550.63	6302513.43	133.07	CHECK_POINT	4606
4608	1839530.59	6302487.61	131.71	FD_WEL_MON	PUNCH MARK CL PC
4609	1839530.57	6302487.62	131.70	CHECK_POINT	4608
4610	1839118.01	6302179.04	118.56	FD_RW_PL_PT	L/D SDCED RM OUT OF AREA
4611	1839118.01	6302179.05	118.53	CHECK_POINT	4610
4612	1839190.05	6302183.46	122.05	FD_RW_PL_PT	L/D SDCED RM OUT OF AREA
4613	1839190.05	6302183.46	122.07	CHECK_POINT	4612
4614	1839255.82	6302186.28	124.29	FD_RW_PL_PT	L/D SDCED RM OUT OF AREA
4615	1839255.82	6302186.27	124.29	CHECK_POINT	4614
4616	1839222.05	6302092.60	124.84	FD_RW_PL_PT	L/D SDCED RM OUT OF AREA
4617	1839222.07	6302092.60	124.76	CHECK_POINT	4616
4618	1839624.86	6300586.64	156.72	FD_RW_PL_PT	L/D LCED 24.93'xLL
4619	1839624.84	6300586.67	156.79	CHECK_POINT	4618
4620	1839486.50	6300817.19	162.17	FD_RW_PL_PT	L/T 7'xLL
4621	1839486.50	6300817.18	162.18	CHECK_POINT	4620
4622	1839436.43	6300816.55	161.16	FD_RW_PL_PT	L/D SDCED 7'xPC
4623	1839436.46	6300816.54	161.15	CHECK_POINT	4622
4624	1839743.29	6300683.51	160.42	SET_POINT	SCRX
4625	1839748.53	6300394.94	152.08	SET_POINT	SCRX

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
4626	1839951.13	6302176.20	139.52	FD_WEL_MON	PUNCH MARK CLxCL
4627	1839951.14	6302176.20	139.48	CHECK_POINT	4626
4628	1840499.05	6302024.26	180.67	FD_WEL_MON	PUNCH MARK CL PC
4629	1840499.03	6302024.25	180.74	CHECK_POINT	4628
4630	1840716.44	6304028.29	181.96	FD_WEL_MON	PUNCH MARK OUT OF AREA
4631	1840716.44	6304028.27	181.92	CHECK_POINT	4630
4632	1840722.19	6303625.30	167.52	FD_WEL_MON	PUNCH MARK OUT OF AREA
4633	1840722.20	6303625.29	167.55	CHECK_POINT	4632
4636	1839762.86	6300391.73	152.50	FD_RW_PL_PT	1"IP DIV HWY PC LL
4637	1839762.70	6300401.71	152.92	FD_RW_PL_PT	1"IP DIV HWY LL ANG
4638	1841001.91	6302190.51	192.16	FD_WEL_MON	PUNCH HOLE CL
4639	1841001.89	6302190.51	192.20	CHECK_POINT	4638
4640	1840496.91	6302183.62	178.83	FD_WEL_MON	PUNCH HOLE CLxCL
4641	1840496.91	6302183.63	178.78	CHECK_POINT	4640
4642	1839686.08	6301507.75	155.67	FD_WEL_MON	PUNCH HOLE CLxSUB
4643	1839686.09	6301507.75	155.69	CHECK_POINT	4642
5000	1839842.63	6300397.68	155.09	ELEC_POLE_WUG	
5001	1839842.04	6300376.86	154.55	DEADMAN	
5002	1839819.76	6300393.94	154.68	WTR_METER	
5003	1839818.70	6300391.75	154.56	SWR_CO	
5004	1839820.56	6300391.88	154.07	SWR_CO	
5005	1839821.59	6300342.45	153.43	DEADMAN	
5006	1839842.70	6300340.36	154.09	UTILITY_POLE	
5007	1839780.02	6300338.79	151.64	DEADMAN	
5008	1839771.36	6300307.06	149.46	TRAF_SIG_PB	
5009	1839768.20	6300309.75	149.80	TRAFFIC_SIGNAL	
5010	1839752.76	6300319.43	149.74	PED_RAMP_CURV	
5011	1839757.88	6300325.34	150.35	TRAF_SIG_PB	
5012	1839756.78	6300326.55	150.43	ELEC_PB	
5013	1839755.82	6300324.94	150.47	TRAFFIC_SIGNAL	
5014	1839754.38	6300335.03	150.62	DEADMAN	
5015	1839751.82	6300341.58	150.78	ANCHOR_POLE	
5016	1839702.06	6300334.99	151.67	TRAF_SIG_PB	
5017	1839703.09	6300338.78	153.21	TRAFFIC_SIGNAL	
5018	1839709.94	6300346.85	151.53	TRAF_SIG_PB	
5019	1839707.29	6300381.85	152.38	TRAF_SIG_PB	
5020	1839748.20	6300379.86	151.70	TRAF_SIG_PB	
5021	1839744.10	6300386.33	151.79	SD_INLET_TC	
5022	1839743.18	6300386.37	151.24	SD_GRATE_INLET	
5023	1839743.19	6300386.37	146.24	SD_IE	
5024	1839744.83	6300457.10	153.42	WTR_METER	
5025	1839743.86	6300492.86	154.42	TRAF_SIG_PB	
5026	1839743.87	6300509.02	154.73	WTR_METER	
5027	1839743.77	6300515.60	155.18	WTR_METER	
5028	1839746.61	6300565.15	156.61	STREET_LIGHT	
5029	1839742.34	6300609.40	157.69	WTR_METER	
5030	1839741.63	6300656.35	159.55	WTR_METER	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5031	1839741.18	6300704.99	160.96	WTR_METER	
5032	1839740.29	6300754.42	162.34	WTR_METER	
5033	1839739.60	6300803.17	163.70	WTR_METER	
5034	1839744.03	6300822.49	164.57	TRAFFIC_SIGNAL	W/STREET LIGHT
5035	1839745.20	6300827.28	164.56	TRAF_SIG_PB	
5036	1839741.50	6300833.17	164.16	PED_RAMP_CURV	ADA
5037	1839726.31	6300845.69	164.42	WTR_MH_VAULT	
5038	1839711.13	6300825.93	164.72	GAS_GATE_VALVE	
5039	1839711.32	6300823.95	164.70	GAS_GATE_VALVE	
5040	1839711.18	6300821.88	164.62	GAS_GATE_VALVE	
5041	1839686.12	6300845.54	165.09	WTR_GATE_VALVE	
5042	1839685.77	6300855.46	165.30	WTR_GATE_VALVE	
5043	1839684.20	6300856.96	165.27	WTR_GATE_VALVE	
5044	1839690.26	6300877.95	165.64	WTR_GATE_VALVE	
5045	1839684.24	6300884.06	165.49	WTR_GATE_VALVE	
5046	1839756.19	6300882.31	165.55	GAS_GATE_VALVE	
5047	1839741.87	6300895.92	165.67	TRAFFIC_SIGNAL	
5048	1839732.63	6300899.05	164.98	PED_RAMP_CURV	ADA
5049	1839732.47	6300907.29	165.86	TRAFFIC_SIGNAL	
5050	1839729.38	6300937.42	165.44	WTR_METER	
5051	1839728.68	6300958.50	165.44	WTR_METER	
5052	1839732.09	6300961.37	165.41	ELEC_METER	
5053	1839729.02	6300969.02	165.47	ELEC_PB	
5054	1839727.75	6300987.80	165.46	WTR_METER	
5055	1839720.23	6301013.73	165.11	TELE_MH_VAULT	
5056	1839727.06	6301035.64	165.74	WTR_METER	
5057	1839727.56	6301057.73	165.92	WTR_METER	
5058	1839726.36	6301086.36	165.86	WTR_METER	
5059	1839726.42	6301128.23	165.99	WTR_METER	
5060	1839749.70	6301201.84	171.90	SWR_CO	
5061	1839724.84	6301224.93	165.95	WTR_METER	
5062	1839724.44	6301489.44	157.44	IRR_CONT_BOX	
5063	1839753.66	6301513.91	160.88	TRANSFORMER	
5064	1839725.27	6301517.72	156.46	CABLE_TV_PB	
5065	1839723.40	6301582.42	152.92	TRANSFORMER	
5066	1839723.17	6301586.26	152.71	TRANSFORMER	
5067	1839723.26	6301589.80	152.48	TRANSFORMER	
5068	1839718.62	6301601.54	152.10	WTR_METER	
5069	1839723.13	6301623.06	151.60	ELEC_PB	
5070	1839723.76	6301626.28	151.34	CABLE_TV_RISER	
5071	1839722.21	6301627.47	151.42	TRAF_SIG_PB	
5072	1839721.96	6301631.05	151.21	ELEC_METER	
5073	1839717.92	6301668.51	150.30	WTR_METER	
5074	1839721.99	6301670.36	150.44	ELEC_PB	
5075	1839717.59	6301676.22	150.02	WTR_METER	
5076	1839716.83	6301706.03	149.63	STREET_LIGHT	
5077	1839721.06	6301725.47	148.93	PED_RAMP_CURV	

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

**Field Engineering Division
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **17 of 39**

CHAIN:

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INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5079	1839721.38	6301546.44	154.95	WTR_METER	
5081	1839725.18	6301546.44	154.95	WTR_BK_FLW_PRV	
5083	1839728.74	6301545.88	155.98	WTR_MH_VAULT	
5085	1839726.60	6301547.87	155.80	WTR_BK_FLW_PRV	
5087	1839721.39	6301545.21	155.23	WTR_METER	
5088	1839725.19	6301545.21	155.23	WTR_BK_FLW_PRV	
5089	1839744.45	6301501.56	161.31	SD_GRATE_INLET	
5090	1839744.46	6301501.56	154.71	SD_IE	
5091	1839750.49	6301513.85	161.01	SD_INLET	
5092	1839743.98	6301514.11	161.14	SD_INLET	
5093	1839750.58	6301533.30	160.36	IRR_CONT_BOX	
5094	1839747.02	6301535.08	159.29	IRR_CONT_BOX	
5095	1839734.97	6301553.67	156.40	WTR_GATE_VALVE	
5096	1839730.02	6301558.72	155.03	ELEC_MH_VAULT	
5098	1839723.59	6301568.79	153.88	TRAFFIC_SIGNAL	
5101	1839724.73	6301572.58	153.66	CABLE_TV_RISER	
5103	1839724.69	6301575.63	153.42	TELEPHONE_RISER	
5104	1839707.46	6301748.69	148.82	TELE_MH_VAULT	
5105	1839742.88	6301730.80	149.64	ELEC_PB	
5106	1839745.82	6301732.34	149.33	TRANSFORMER	
5107	1839749.71	6301732.64	149.37	TRANSFORMER	
5108	1839753.37	6301732.55	149.32	TRANSFORMER	
5109	1839855.82	6301739.83	149.12	SD_INLET_TC	
5111	1839855.83	6301741.04	148.56	SD_GRATE_INLET	
5112	1839855.83	6301741.04	142.80	SD_IE	
5113	1839885.39	6301729.70	149.63	ELEC_PB	
5114	1839958.33	6301739.60	150.63	WTR_METER	
5115	1840009.07	6301740.35	152.27	WTR_METER	
5116	1840061.55	6301741.04	153.98	WTR_METER	
5117	1840113.23	6301741.73	155.41	WTR_METER	
5118	1840166.16	6301742.66	157.51	WTR_METER	
5119	1840217.54	6301743.21	158.83	WTR_METER	
5120	1840300.58	6301720.53	161.96	WTR_METER	
5121	1840339.69	6301776.86	162.70	UTILITY_POLE	W/STREET LIGHT
5122	1840345.73	6301776.40	164.98	DEADMAN	
5123	1840354.09	6301760.49	166.76	HEADWALL	
5124	1840352.99	6301760.53	163.83	SD_IE	15"CLAY PIPE
5125	1840305.82	6301770.76	161.79	WTR_GATE_VALVE	
5126	1840304.72	6301770.51	161.80	WTR_GATE_VALVE	
5127	1840485.98	6301735.23	175.67	WTR_METER	
5128	1840478.27	6301669.73	176.40	WTR_METER	
5129	1840474.29	6301579.38	177.93	WTR_METER	
5130	1840477.44	6301492.95	178.58	WTR_METER	
5131	1840487.23	6301411.11	178.74	WTR_METER	
5132	1840495.82	6301359.67	178.45	WTR_METER	
5133	1840503.46	6301311.62	177.98	WTR_METER	
5134	1840505.76	6301290.75	177.70	STREET_LIGHT	

**CITY OF SAN DIEGO
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5135	1840511.24	6301254.29	177.14	WTR_METER	
5136	1840515.60	6301218.08	176.49	WTR_METER	
5137	1840521.71	6301157.34	175.57	WTR_METER	
5138	1840526.09	6301099.51	174.74	WTR_METER	
5139	1840530.08	6301022.56	173.45	WTR_METER	
5140	1840530.69	6301018.93	173.39	WTR_METER	
5141	1840534.67	6300906.62	168.22	PED_RAMP_CURV	
5142	1840527.86	6300904.29	168.27	GAS_GATE_VALVE	
5143	1840540.53	6300902.88	168.52	WTR_GATE_VALVE	
5144	1840589.81	6300899.87	169.06	WTR_METER	
5145	1840445.33	6300897.77	168.10	WTR_METER	
5146	1840486.53	6300899.39	167.60	PED_RAMP_CURV	
5147	1840491.04	6300905.73	168.29	STREET_LIGHT	
5148	1840496.39	6300907.02	167.92	WTR_GATE_VALVE	
5149	1840495.69	6300932.91	169.88	GAS_GATE_VALVE	
5150	1840479.97	6300979.81	172.09	UTILITY_POLE	
5151	1840494.53	6301021.85	173.53	WTR_METER	
5152	1840490.87	6301096.80	174.86	WTR_METER	
5153	1840484.35	6301177.92	175.91	WTR_METER	
5154	1840475.96	6301251.78	177.04	WTR_METER	
5155	1840468.31	6301308.17	177.61	WTR_METER	
5156	1840462.26	6301344.94	178.39	WTR_METER	
5157	1840452.84	6301399.82	178.59	WTR_METER	
5158	1840422.16	6301463.56	178.75	IRR_CONT_BOX	
5159	1840439.12	6301578.45	177.77	WTR_METER	
5160	1840442.94	6301671.55	176.20	WTR_METER	
5161	1840447.99	6301718.17	175.47	WTR_METER	
5162	1840450.83	6301727.32	175.62	SD_INLET_TC	
5163	1840448.90	6301727.69	175.41	SD_MANHOLE	
5164	1840448.90	6301727.69	171.96	SD_IE	
5165	1840459.44	6301789.19	176.03	WTR_METER	
5166	1840466.21	6301826.14	176.69	WTR_METER	
5167	1840474.43	6301884.04	178.07	WTR_METER	
5168	1840478.24	6301923.87	179.49	WTR_METER	
5169	1840481.58	6302013.21	181.84	WTR_METER	
5170	1840480.51	6302087.99	181.98	WTR_METER	
5171	1840470.90	6302147.18	178.90	PED_RAMP_CURV	ADA
5172	1840455.64	6302146.34	178.62	STREET_LIGHT	
5173	1840449.71	6302147.97	178.34	ELEC_PB	
5174	1840481.03	6302154.13	179.17	GAS_GATE_VALVE	
5175	1840551.34	6302150.61	181.09	CABLE_TV_PB	
5176	1840551.50	6302147.86	181.20	TELEPHONE_RISER	
5177	1840602.52	6302158.62	182.62	ELEC_MH_VAULT	
5178	1840524.12	6302148.14	180.23	PED_RAMP_CURV	ADA
5179	1840515.99	6302089.77	181.92	WTR_METER	
5180	1840516.97	6302010.30	181.64	WTR_METER	
5181	1840513.58	6301922.30	179.35	WTR_METER	

**CITY OF SAN DIEGO
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5182	1840510.44	6301887.09	178.36	WTR_METER	
5183	1840502.96	6301830.07	176.77	WTR_METER	
5184	1840501.25	6301823.64	176.81	STREET_LIGHT	
5185	1840496.08	6301792.92	176.26	WTR_METER	
5187	1840670.00	6300901.18	171.23	WTR_METER	
5189	1840719.06	6300905.52	171.66	WTR_GATE_VALVE	
5190	1840718.99	6300910.24	171.85	WTR_GATE_VALVE	
5191	1840716.85	6300913.06	172.26	GAS_GATE_VALVE	
5192	1840725.02	6300913.77	172.70	STREET_LIGHT	
5193	1840725.53	6301026.38	175.86	WTR_METER	
5194	1840723.48	6301080.43	177.48	FIRE_HYDRANT	
5195	1840721.37	6301104.56	177.93	WTR_METER	
5196	1840715.00	6301185.79	179.99	WTR_METER	
5197	1840708.43	6301242.55	181.62	WTR_METER	
5198	1840703.22	6301283.33	182.61	WTR_METER	
5199	1840699.31	6301310.74	183.40	STREET_LIGHT	
5200	1840694.85	6301338.07	183.49	WTR_METER	
5201	1840686.66	6301387.65	184.38	FIRE_HYDRANT	
5202	1840680.86	6301386.51	184.65	WTR_GATE_VALVE	
5203	1840681.42	6301414.74	184.91	WTR_METER	
5204	1840680.76	6301422.17	184.86	WTR_METER	
5205	1840672.22	6301505.09	186.37	WTR_METER	
5206	1840660.98	6301561.39	187.13	WTR_GATE_VALVE	
5207	1840669.72	6301587.74	187.58	WTR_METER	
5208	1840673.59	6301672.26	187.91	WTR_METER	
5209	1840680.32	6301730.69	188.10	FIRE_HYDRANT	
5210	1840684.02	6301755.92	188.13	WTR_METER	
5211	1840692.91	6301802.42	188.35	STREET_LIGHT	
5212	1840694.00	6301811.16	188.47	WTR_METER	
5213	1840703.41	6301872.23	189.00	WTR_METER	
5214	1840707.34	6301907.50	189.80	WTR_METER	
5215	1840712.00	6301987.68	191.73	WTR_METER	
5216	1840712.60	6302008.92	191.89	FIRE_HYDRANT	
5217	1840706.59	6302009.05	191.81	WTR_GATE_VALVE	
5218	1840711.73	6302062.15	191.01	WTR_METER	
5219	1840705.58	6302146.54	185.52	PED_RAMP_CURV	ADA
5220	1840679.15	6302149.10	184.78	STREET_LIGHT	
5221	1840748.53	6302147.76	186.42	PED_RAMP_CURV	ADA
5222	1840777.86	6302153.28	187.31	ELEC_PB	
5223	1840797.62	6302150.81	188.23	CABLE_TV_RISER	
5224	1840800.17	6302153.32	188.12	CABLE_TV_PB	
5225	1840805.92	6302153.35	188.28	CABLE_TV_PB	
5226	1840845.57	6302149.47	189.69	TELEPHONE_RISER	
5227	1840850.94	6302151.25	189.55	TELEPHONE_RISER	
5228	1840864.60	6302151.43	190.18	TELEPHONE_RISER	
5229	1840745.34	6302062.68	190.90	WTR_METER	
5230	1840745.69	6301989.70	191.80	WTR_METER	

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CHOLLAS VIEW VICINITY**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5231	1840740.94	6301907.73	190.02	WTR_METER	
5232	1840736.82	6301870.15	189.09	WTR_METER	
5233	1840726.99	6301806.38	188.46	WTR_METER	
5234	1840716.94	6301751.49	188.10	WTR_METER	
5235	1840706.99	6301670.12	187.81	WTR_METER	
5236	1840703.08	6301588.17	187.54	WTR_METER	
5237	1840705.44	6301507.89	186.36	WTR_METER	
5238	1840714.09	6301427.50	184.94	WTR_METER	
5239	1840726.43	6301352.59	183.68	WTR_METER	
5240	1840732.71	6301311.72	183.12	WTR_METER	
5241	1840740.59	6301255.66	181.85	WTR_METER	
5242	1840745.16	6301215.58	180.92	WTR_METER	
5243	1840750.45	6301163.16	179.46	WTR_METER	
5244	1840754.75	6301107.53	178.08	WTR_METER	
5245	1840758.80	6301027.27	175.90	WTR_METER	
5246	1840767.88	6300906.19	172.14	PED_RAMP_CURV	ADA
5247	1840762.63	6300819.62	169.93	WTR_METER	
5248	1840882.78	6300849.39	172.25	WTR_METER	
5249	1840763.22	6300778.23	168.33	WTR_METER	
5250	1840763.57	6300740.52	166.82	WTR_METER	
5251	1840778.14	6300669.82	163.28	WTR_METER	
5252	1840726.43	6300660.94	162.70	WTR_METER	
5253	1840721.63	6300664.34	162.88	WTR_METER	
5254	1840708.89	6300688.98	164.16	STREET_LIGHT	
5255	1840715.39	6300707.48	164.84	WTR_METER	
5256	1840730.05	6300761.95	167.48	FIRE_HYDRANT	
5257	1840724.65	6300762.28	167.74	WTR_GATE_VALVE	
5258	1840729.64	6300778.00	168.22	WTR_METER	
5259	1840729.02	6300819.64	169.90	WTR_METER	
5260	1840648.43	6300857.67	170.12	WTR_RISER	
5261	1840733.17	6300658.41	162.68	SD_INLET_TC	
5262	1840731.80	6300656.91	162.85	SD_MANHOLE	
5263	1840731.80	6300656.91	158.65	SD_IE	
5264	1840585.91	6300867.00	168.78	WTR_BO	
5265	1840585.79	6300864.79	168.63	WTR_BO	
5266	1840540.71	6300854.66	167.10	PED_RAMP_CURV	
5267	1840489.34	6300854.60	166.98	PED_RAMP_CURV	
5268	1840496.32	6300821.74	165.83	WTR_METER	
5269	1840497.24	6300766.37	164.25	WTR_METER	
5270	1840498.14	6300711.88	162.64	WTR_METER	
5271	1840499.06	6300655.18	161.00	WTR_METER	
5272	1840499.88	6300600.11	159.37	WTR_METER	
5273	1840498.35	6300541.34	157.67	WTR_METER	
5274	1840448.99	6300443.00	155.62	WTR_METER	
5275	1840401.82	6300393.54	154.35	WTR_METER	
5276	1840379.55	6300370.31	153.79	STREET_LIGHT	
5277	1840430.24	6300368.04	154.37	WTR_METER	

**CITY OF SAN DIEGO
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**GROUP JOB 778 - SECTION 2
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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5278	1840476.84	6300416.40	155.38	WTR_METER	
5279	1840502.38	6300448.35	156.05	WTR_METER	
5280	1840503.95	6300450.75	156.05	WTR_METER	
5281	1840509.44	6300459.76	156.13	FIRE_HYDRANT	
5282	1840517.89	6300452.66	156.44	WTR_GATE_VALVE	
5283	1840528.35	6300503.00	157.08	WTR_METER	
5284	1840536.99	6300543.12	157.79	WTR_METER	
5285	1840541.68	6300578.05	159.24	STREET_LIGHT	
5286	1840537.97	6300601.11	159.43	WTR_METER	
5287	1840537.03	6300656.54	161.07	WTR_METER	
5288	1840536.61	6300712.17	162.73	WTR_METER	
5289	1840535.87	6300767.50	164.26	WTR_METER	
5290	1840534.68	6300821.78	165.92	WTR_METER	
5291	1840535.11	6300828.40	166.04	WTR_METER	
5292	1840270.14	6301734.32	160.87	WTR_METER	
5293	1840262.69	6301726.64	161.10	SWR_CO	
5294	1840262.67	6301724.64	161.30	SWR_CO	
5296	1840257.36	6301742.59	161.57	TREE_BUSH	60"
5298	1840296.79	6301800.78	161.60	WTR_METER	
5299	1840287.42	6301795.70	161.48	FD_RW_PL_PT	L/D RE 1534
5300	1840270.21	6301787.45	160.77	WTR_METER	
5301	1840250.56	6301776.73	160.07	DEADMAN	
5302	1840237.01	6301776.73	159.78	UTILITY_POLE	
5303	1840165.04	6301775.68	157.23	WTR_METER	
5304	1840136.81	6301775.22	156.90	UTILITY_POLE	
5305	1840115.00	6301774.81	155.73	WTR_METER	
5306	1840064.22	6301774.23	153.94	WTR_METER	
5307	1840039.58	6301773.62	153.29	FIRE_HYDRANT	
5308	1840039.57	6301770.41	153.00	WTR_GATE_VALVE	
5309	1840034.61	6301773.60	153.03	UTILITY_POLE	W/STREET LIGHT
5310	1840014.06	6301773.63	152.29	WTR_METER	
5311	1839963.74	6301772.92	150.70	WTR_METER	
5312	1839922.75	6301772.02	149.90	UTILITY_POLE	
5314	1839916.21	6301727.28	150.76	UTILITY_POLE	
5316	1839855.74	6301769.93	148.62	SD_INLET_TC	
5317	1839855.63	6301769.09	147.90	SD_GRATE_INLET	
5318	1839855.64	6301769.09	136.60	SD_IE	
5319	1839884.22	6301780.77	150.19	STREET_LIGHT	
5320	1839885.01	6301790.38	149.79	SD_GRATE_INLET	
5321	1839885.02	6301790.38	149.29	SD_IE	
5322	1839846.42	6301789.67	149.22	SD_GRATE_INLET	
5323	1839846.43	6301789.67	148.72	SD_IE	
5324	1839800.35	6301783.92	149.38	SWR_MH_MISC	GREASE TRAP
5325	1839789.51	6301784.14	149.81	SWR_MH_MISC	GREASE TRAP
5326	1839786.42	6301784.18	149.80	SWR_MH_MISC	GREASE TRAP
5327	1839796.53	6301780.00	149.51	ELEC_PB	
5328	1839771.04	6301783.34	149.44	STREET_LIGHT	

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

**Field Engineering Division
Survey (Geomatics) Section
6/9/2015**



**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **22 of 39**

CHAIN:

CADD: **MYERS**

INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

**THE COORDINATES SHOWN HEREON ARE INTENDED FOR THIS PROJECT ONLY. DO NOT PRESUME THAT
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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5329	1839769.47	6301781.50	149.57	ELEC_RISER	
5330	1839804.77	6301797.09	149.26	SD_GRATE_INLET	
5331	1839804.78	6301797.09	148.76	SD_IE	
5332	1839793.87	6301770.66	148.78	WTR_METER	
5333	1839791.90	6301770.39	149.01	ELEC_POLE_WUG	
5335	1839777.80	6301771.31	149.07	TRANSFORMER	
5336	1839770.13	6301770.39	148.99	DEADMAN	
5337	1839766.78	6301770.47	149.13	ANCHOR_POLE	
5338	1839770.30	6301777.17	149.73	IRR_CONT_BOX	
5339	1839756.14	6301772.56	149.24	ELEC_MH_VAULT	
5340	1839736.13	6301773.99	149.27	ELEC_PB	
5341	1839739.13	6301773.99	149.27	TRANSFORMER	
5342	1839743.13	6301773.99	149.27	TRANSFORMER	
5343	1839747.13	6301773.99	149.27	TRANSFORMER	
5344	1839733.47	6301774.90	149.39	STREET_LIGHT	
5345	1839724.52	6301775.06	148.68	PED_RAMP_CURV	
5346	1839720.70	6301841.26	148.35	TELEPHONE_RISER	
5347	1839720.58	6301842.83	148.37	CABLE_TV_RISER	
5348	1839718.93	6301839.31	148.58	TELEPHONE_RISER	
5349	1839715.00	6301844.28	148.31	WTR_METER	
5350	1839719.46	6301847.36	148.16	TRANSFORMER	
5351	1839719.25	6301850.87	148.15	TRANSFORMER	
5352	1839719.10	6301854.66	148.18	TRANSFORMER	
5353	1839735.65	6301993.67	139.68	FIRE_HYDRANT	
5354	1839737.26	6301998.68	139.72	IRR_CONT_BOX	
5355	1839737.31	6302000.07	139.63	IRR_CONT_BOX	
5356	1839725.92	6302037.83	137.73	WTR_METER	
5357	1839725.85	6302039.64	137.71	WTR_METER	
5358	1839729.41	6302039.55	137.19	WTR_BK_FLW_PRV	
5359	1839734.05	6302038.59	137.59	WTR_BK_FLW_PRV	
5360	1839725.24	6302046.97	136.95	CABLE_TV_RISER	
5361	1839718.96	6302062.51	135.23	SD_INLET_TC	
5362	1839718.11	6302062.73	134.39	SD_GRATE_INLET	
5363	1839718.12	6302062.73	129.89	SD_IE	
5364	1839737.82	6302083.79	133.74	IRR_CONT_BOX	
5365	1839736.59	6302083.80	133.76	IRR_CONT_BOX	
5366	1839733.85	6302107.94	132.41	IRR_CONT_BOX	
5367	1839723.38	6302112.78	130.45	TRAFFIC_SIGNAL	W/STREET LIGHT
5368	1839721.38	6302117.42	129.81	TRAF_SIG_PB	
5369	1839721.28	6302121.96	129.57	SD_INLET_TC	
5370	1839720.57	6302122.19	128.73	SD_GRATE_INLET	
5371	1839720.58	6302122.19	124.73	SD_IE	
5372	1839726.69	6302130.03	128.24	PED_RAMP_CURV	ADA
5373	1839695.23	6302144.95	127.83	GAS_GATE_VALVE	
5374	1839735.67	6302134.68	128.11	TRAF_SIG_PB	
5375	1839738.40	6302134.43	128.00	TRAF_SIG_PB	
5376	1839741.84	6302138.13	127.63	SD_INLET_TC	

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

**Field Engineering Division
Survey (Geomatics) Section
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: BROOKS	INSTRUMENT: TODD	WORK ORDER: B-00388	SHEET: 23 of 39
CHAIN:	CADD: MYERS	INDEX: 198-1737	SURVEY DATE: 4-30-2015

**THE COORDINATES SHOWN HEREON ARE INTENDED FOR THIS PROJECT ONLY. DO NOT PRESUME THAT
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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5377	1839741.87	6302138.87	127.00	SD_GRATE_INLET	
5378	1839741.88	6302138.87	123.90	SD_IE	
5379	1839752.99	6302133.85	127.78	TRAF_SIG_RISER	
5380	1839761.68	6302134.42	128.01	TRAF_SIG_RISER	
5381	1839761.71	6302137.09	127.93	TRAF_SIG_PB	
5382	1839791.86	6302137.90	128.56	CABLE_TV_PB	
5383	1839801.45	6302127.36	129.44	IRR_CONT_BOX	
5384	1839820.94	6302116.97	130.13	SD_GRATE_INLET	
5385	1839820.95	6302116.97	122.53	SD_IE	
5386	1839905.54	6302135.64	135.21	TELEPHONE_RISER	
5387	1839909.94	6302136.79	135.75	CABLE_TV_PB	
5388	1839910.58	6302141.13	135.50	CABLE_TV_PB	
5389	1839913.27	6302136.70	135.62	CABLE_TV_RISER	
5390	1839921.79	6302137.96	136.79	STREET_LIGHT	
5391	1839934.07	6302131.64	137.93	IRR_CONT_BOX	
5392	1839933.80	6302130.33	137.84	IRR_CONT_BOX	
5393	1839935.62	6302138.22	138.04	TRANSFORMER	
5394	1839957.34	6302147.06	139.93	GAS_GATE_VALVE	
5395	1839820.09	6302134.39	129.42	SD_MANHOLE	
5396	1839820.10	6302134.39	121.62	SD_IE	
5397	1839889.63	6302180.50	134.50	ELEC_PB	
5398	1839791.97	6302179.32	129.24	TRAF_SIG_PB	
5399	1839737.11	6302178.43	128.69	ELEC_PB	
5400	1839941.45	6302191.08	139.24	WTR_GATE_VALVE	
5401	1839998.85	6302129.53	144.22	IRR_CONT_BOX	
5402	1839998.67	6302130.90	144.49	IRR_CONT_BOX	
5403	1839981.71	6302117.93	142.82	WTR_GATE_VALVE	
5404	1839981.69	6302123.82	143.08	FIRE_HYDRANT	
5405	1840030.10	6302140.56	147.51	ELEC_MH_VAULT	
5406	1840043.21	6302139.43	148.70	TRANSFORMER	
5407	1840053.51	6302133.20	151.29	SD_MANHOLE	
5408	1840053.52	6302133.20	150.44	SD_IE	
5409	1840053.06	6302145.55	149.87	SD_SIDEWALK_DRAIN	
5410	1840072.20	6302150.56	151.62	ELEC_MH_VAULT	
5411	1840091.33	6302144.13	153.61	WTR_METER	
5412	1840091.32	6302139.39	153.77	WTR_BK_FLW_PRV	
5413	1840161.69	6302145.16	160.70	WTR_METER	
5414	1840168.59	6302144.98	161.38	ELEC_PB	
5415	1840171.91	6302145.31	161.71	CABLE_TV_PB	
5416	1840242.20	6302145.81	168.43	WTR_METER	
5417	1840314.08	6302146.36	173.46	ELEC_PB	
5418	1840317.20	6302146.76	173.65	CABLE_TV_PB	
5419	1840322.97	6302147.29	173.95	WTR_METER	
5420	1840353.14	6302147.94	175.29	WTR_METER	
5421	1840855.07	6302226.24	189.92	TRAF_SIG_PB	
5422	1840762.49	6302225.48	187.21	STREET_LIGHT	
5423	1840726.79	6302224.30	186.32	TRAF_SIG_PB	

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

**Field Engineering Division
Survey (Geomatics) Section
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **24 of 39**

CHAIN:

CADD: **MYERS**

INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5424	1840701.98	6302198.02	185.48	WTR_GATE_VALVE	
5425	1840649.83	6302229.24	184.40	TREE_BUSH	48" EUC
5426	1840522.26	6302221.35	180.65	STREET_LIGHT	
5427	1840476.80	6302194.60	179.57	WTR_GATE_VALVE	
5428	1840389.56	6302220.66	176.58	FIRE_HYDRANT	
5429	1840389.68	6302195.81	177.09	WTR_GATE_VALVE	
5430	1840392.83	6302194.57	177.27	WTR_GATE_VALVE	
5431	1840369.07	6302227.20	175.30	TREE_BUSH	48" EUC
5432	1840275.24	6302222.99	170.94	TELE_MH_VAULT	
5433	1840116.87	6302237.02	156.78	UTILITY_POLE	
5434	1840097.85	6302196.26	155.22	TELE_MH_VAULT	
5435	1839818.14	6302037.42	136.09	TELEPHONE_RISER	
5437	1840006.37	6302255.53	144.59	TREE_BUSH	48" EUC
5439	1839892.39	6302230.79	134.28	WTR_METER	
5440	1839862.75	6302227.76	131.74	WTR_METER	
5441	1839853.63	6302270.31	130.93	SWR_CO	
5442	1839824.10	6302225.31	129.53	WTR_METER	
5443	1839813.60	6302224.85	129.03	ELEC_MH_VAULT	
5444	1839740.06	6302222.23	128.59	TRAF_SIG_PB	
5445	1839732.85	6302216.34	127.83	PED_RAMP_CURV	ADA
5446	1839728.61	6302222.89	128.57	TRAFFIC_SIGNAL	W/STREET LIGHT
5447	1839717.38	6302222.95	128.28	SD_INLET_TC	
5448	1839716.87	6302222.23	127.49	SD_GRATE_INLET	
5449	1839716.88	6302222.23	124.49	SD_IE	
5450	1839715.57	6302232.95	128.33	ELEC_PB	
5451	1839713.48	6302241.05	128.41	TRAF_SIG_PB	
5452	1839693.82	6302233.06	128.32	TELE_MH_VAULT	
5453	1839707.61	6302287.78	129.53	TELE_MH_VAULT	
5454	1839703.72	6302296.44	129.86	TELE_MH_VAULT	
5455	1839710.54	6302282.77	128.82	TRAF_SIG_PB	
5456	1839699.56	6302281.02	129.30	ELEC_PB	
5457	1839698.28	6302292.78	129.66	CABLE_MH_VAULT	
5459	1839680.79	6302369.19	130.34	SD_GRATE_INLET	
5460	1839680.79	6302369.19	126.94	SD_IE	
5461	1839667.28	6302363.30	131.35	SD_MANHOLE	
5462	1839667.29	6302363.30	126.35	SD_IE	
5463	1839652.41	6302399.62	132.67	TRAF_SIG_PB	
5464	1839634.60	6302434.12	133.13	ELEC_PB	
5465	1839631.00	6302440.52	133.19	TRAF_SIG_PB	
5466	1839593.13	6302484.22	133.60	ELEC_PB	
5467	1839590.91	6302486.22	133.68	STREET_LIGHT	
5468	1839818.76	6302036.10	136.09	CABLE_TV_RISER	
5469	1839811.65	6302033.96	136.44	ELEC_MH_VAULT	
5470	1839811.65	6302038.46	136.44	TRANSFORMER	
5472	1839946.44	6302044.08	141.66	AERIAL_PANEL	
5473	1839950.44	6302041.43	141.67	CABLE_TV_RISER	
5474	1839951.09	6302043.38	141.79	TELEPHONE_RISER	

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

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Survey (Geomatics) Section
6/9/2015**



**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **25 of 39**

CHAIN:

CADD: **MYERS**

INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5475	1840040.81	6302000.64	147.24	IRR_CONT_BOX	
5476	1839936.73	6302014.33	141.30	SWR_CO	
5477	1839821.81	6301969.97	138.87	IRR_CONT_BOX	
5478	1839820.52	6301969.86	138.90	IRR_CONT_BOX	
5479	1839819.46	6301969.77	138.78	IRR_CONT_BOX	
5480	1839815.20	6301949.48	139.29	SWR_CO	
5481	1839841.66	6301941.69	140.55	SWR_CO	
5482	1839880.66	6301933.56	140.86	SD_GRATE_INLET	
5483	1839880.67	6301933.56	139.86	SD_IE	
5484	1840430.19	6300368.15	154.31	WTR_METER	
5485	1840485.62	6300275.39	152.46	UTILITY_POLE	
5486	1840493.68	6300273.35	152.15	WTR_METER	
5487	1840509.25	6300258.67	152.24	STREET_LIGHT	
5488	1840507.80	6300255.28	152.11	ELEC_PB	
5489	1840505.34	6300258.21	152.19	SD_MANHOLE	
5490	1840505.35	6300258.21	147.09	SD_IE	
5491	1840503.17	6300256.04	152.18	SD_INLET_TC	
5492	1840510.15	6300265.42	152.17	SD_MANHOLE	
5493	1840510.16	6300265.42	147.37	SD_IE	
5494	1840497.70	6300287.13	152.74	DEADMAN	
5495	1840482.71	6300231.16	152.06	SD_INLET_TC	
5496	1840481.34	6300229.84	152.06	SD_MANHOLE	
5497	1840481.35	6300229.84	146.36	SD_IE	
5498	1840484.85	6300225.07	151.94	ELEC_PB	
5499	1840463.52	6300247.84	152.12	UTILITY_POLE	
5500	1840442.97	6300267.99	152.71	DEADMAN	
5501	1840589.34	6300124.63	158.35	ELEC_PB	
5502	1840586.38	6300121.29	158.35	ELEC_PB	
5503	1840594.14	6300121.03	158.71	ELEC_POLE_WUG	W/STREET LIGHT
5505	1840579.78	6300118.49	158.65	TRANSFORMER	
5507	1840602.14	6300107.14	158.73	PED_RAMP_CURV	ADA
5508	1840605.99	6300097.95	158.86	GAS_GATE_VALVE	
5509	1840590.44	6300086.54	158.56	ELEC_POLE_WUG	
5510	1840656.51	6300153.50	161.32	WTR_METER	
5511	1840655.85	6300154.29	161.43	WTR_METER	
5513	1840651.40	6300155.11	162.42	TREE_BUSH	42"
5515	1840684.26	6300183.10	162.33	WTR_METER	
5516	1840708.78	6300207.41	162.73	UTILITY_POLE	
5517	1840705.51	6300217.30	162.36	WTR_GATE_VALVE	
5518	1840712.40	6300210.80	162.58	FIRE_HYDRANT	
5519	1840716.45	6300215.49	162.48	WTR_METER	
5520	1840724.37	6300222.84	162.42	DEADMAN	
5521	1840738.93	6300248.20	161.99	UTILITY_POLE	W/STREET LIGHT
5522	1840749.45	6300274.13	161.06	SD_INLET_TC	
5523	1840747.69	6300274.92	161.14	SD_MANHOLE	
5524	1840747.70	6300274.92	156.44	SD_IE	
5525	1840779.91	6300300.18	161.18	WTR_METER	

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

**Field Engineering Division
Survey (Geomatics) Section
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: BROOKS	INSTRUMENT: TODD	WORK ORDER: B-00388	SHEET: 26 of 39
CHAIN:	CADD: MYERS	INDEX: 198-1737	SURVEY DATE: 4-30-2015

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5526	1840779.97	6300302.00	161.51	WTR_BK_FLW_PRV	
5527	1840782.54	6300301.34	161.17	TREE_BUSH	36"
5528	1840815.74	6300270.78	161.57	WTR_METER	
5529	1840822.16	6300247.89	161.85	SWR_CO	
5530	1840809.86	6300228.37	161.87	WTR_METER	
5531	1840890.54	6300340.81	162.63	SWR_MH_RIM	J22S341
5532	1840890.55	6300340.81	156.83	SWR_MH_IE	3
5533	1840773.93	6300219.77	162.04	WTR_METER	
5534	1840740.03	6300192.04	162.59	WTR_METER	
5535	1840680.60	6300130.48	161.23	WTR_METER	
5536	1840730.64	6300039.23	163.35	WTR_METER	
5537	1840704.20	6300015.16	163.23	WTR_METER	
5538	1840679.60	6300039.30	161.95	UTILITY_POLE	
5540	1840669.87	6300030.95	162.37	DEADMAN	
5542	1840572.46	6300067.56	157.66	WTR_METER	
5543	1840583.83	6300028.37	157.28	WTR_METER	
5544	1840537.15	6300030.05	156.25	FIRE_HYDRANT	
5545	1840530.43	6300036.23	156.26	WTR_GATE_VALVE	
5546	1840506.74	6299999.09	154.98	WTR_METER	
5547	1840500.19	6299991.56	154.71	ELEC_PB	
5548	1840497.70	6299989.66	154.78	ELEC_POLE_WUG	
5549	1840491.63	6299985.35	154.51	ELEC_PB	
5550	1840492.02	6299983.60	154.59	DEADMAN	
5551	1840470.71	6299962.46	153.92	WTR_METER	
5552	1840467.99	6299961.38	153.92	WTR_METER	
5553	1840466.83	6299960.38	153.98	WTR_METER	
5554	1840435.25	6299929.69	153.36	ELEC_POLE_WUG	
5555	1840432.26	6299931.87	153.66	ELEC_PB	
5556	1840430.21	6299933.17	153.60	WTR_METER	
5557	1840428.78	6299934.22	153.84	WTR_GATE_VALVE	
5558	1840429.82	6299934.86	154.22	WTR_GATE_VALVE	
5559	1840442.83	6299879.74	152.74	SD_INLET_TC	
5560	1840442.84	6299879.74	152.74	SD_IE	
5561	1840506.41	6299894.30	155.22	STREET_LIGHT	
5562	1840577.22	6299894.39	161.91	TRANSFORMER	
5563	1840574.00	6299857.43	162.06	SWR_CO	
5564	1840577.75	6299856.64	162.59	SWR_CO	
5565	1840580.51	6299856.22	162.95	SWR_CO	
5566	1840531.07	6299973.66	155.02	WTR_METER	
5567	1840534.44	6299976.48	155.16	WTR_METER	
5568	1840537.98	6299974.60	155.38	WTR_BK_FLW_PRV	
5569	1840534.47	6299971.54	155.34	WTR_BK_FLW_PRV	
5571	1840591.55	6299918.91	160.20	WTR_BK_FLW_PRV	
5574	1840593.00	6299926.01	160.03	SWR_CO	
5576	1839225.41	6302113.47	123.93	STREET_LIGHT	
5577	1840280.20	6300205.61	152.10	WTR_GATE_VALVE	
5578	1840344.17	6300136.38	154.09	ELEC_POLE_WUG	

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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5579	1840338.70	6300128.96	154.43	DEADMAN	
5580	1840409.27	6300144.65	153.40	STREET_LIGHT	
5581	1840357.66	6300193.69	153.59	STREET_LIGHT	
5582	1840390.77	6300232.05	153.73	STREET_LIGHT	
5583	1840435.00	6300189.27	153.08	ELEC_PB	
5584	1840442.12	6300183.15	152.98	STREET_LIGHT	
5585	1840386.86	6300314.68	153.01	PED_RAMP_CURV	ADA
5586	1840374.79	6300303.97	153.05	STREET_LIGHT	
5587	1840372.38	6300306.52	153.01	ELEC_PB	
5588	1840353.68	6300376.05	154.23	WTR_METER	
5590	1840296.17	6300446.66	157.66	ELEC_POLE_WUG	
5592	1840332.89	6300322.37	152.86	WTR_METER	
5593	1840317.76	6300307.03	152.50	WTR_METER	
5594	1840293.15	6300281.31	151.95	WTR_METER	
5595	1840268.48	6300256.96	151.97	SD_INLET_TC	
5596	1840266.63	6300259.51	152.05	SD_MANHOLE	
5597	1840266.64	6300259.51	147.15	SD_IE	
5598	1840248.08	6300245.80	152.30	WTR_METER	
5599	1840143.82	6300236.06	155.25	WTR_METER	
5600	1840083.26	6300280.25	155.96	WTR_METER	
5601	1839995.86	6300302.96	156.32	UTILITY_POLE	W/STREET LIGHT
5602	1839994.83	6300296.08	156.05	DEADMAN	
5603	1840013.14	6300289.45	156.37	DEADMAN	
5604	1840231.58	6300191.88	153.32	STREET_LIGHT	
5605	1840231.33	6300193.93	153.18	ELEC_PB	
5606	1840240.25	6300199.42	152.66	WTR_METER	
5607	1840244.93	6300201.25	152.48	WTR_METER	
5608	1840270.54	6300214.48	152.27	FIRE_HYDRANT	
5609	1840289.29	6300228.56	151.84	SD_INLET_TC	
5610	1840290.54	6300227.17	151.82	SD_MANHOLE	
5611	1840290.55	6300227.17	145.92	SD_IE	
5612	1840305.79	6300239.77	151.79	WTR_METER	
5613	1839501.77	6302228.95	129.34	CABLE_TV_PB	
5614	1839525.69	6302204.65	126.63	STREET_LIGHT	
5615	1839539.12	6302231.04	126.04	WTR_METER	
5616	1839540.92	6302231.40	125.91	WTR_METER	
5617	1839561.95	6302205.14	126.78	IRR_CONT_BOX	
5618	1839573.82	6302205.17	126.87	IRR_CONT_BOX	
5619	1839584.32	6302205.59	126.82	IRR_CONT_BOX	
5620	1839610.29	6302204.11	126.96	TELEPHONE_PB	
5621	1839619.66	6302205.41	126.96	TRAF_SIG_PB	
5622	1839621.41	6302209.60	127.03	ELEC_PB	
5623	1839623.72	6302209.41	127.02	FIRE_HYDRANT	
5624	1839632.74	6302208.89	126.82	PED_RAMP_CURV	ADA
5625	1839661.81	6302206.33	127.58	WTR_GATE_VALVE	
5626	1839631.68	6302220.02	127.98	TRAFFIC_SIGNAL	W/STREET LIGHT
5627	1839634.65	6302225.96	127.65	TRAF_SIG_PB	

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CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5628	1839636.57	6302250.04	127.79	ELEC_MH_VAULT	
5629	1839621.64	6302251.45	127.94	ELEC_PB	
5630	1839631.46	6302273.96	128.06	CABLE_TV_PB	
5631	1839607.27	6302304.53	128.53	IRR_CONT_BOX	
5632	1839612.21	6302322.33	128.59	IRR_CONT_BOX	
5633	1839589.75	6302340.23	129.30	IRR_CONT_BOX	
5634	1839593.76	6302351.96	129.12	STREET_LIGHT	
5635	1839592.51	6302352.18	129.39	ELEC_PB	
5636	1839567.00	6302388.56	129.97	ELEC_MH_VAULT	
5637	1839553.36	6302415.71	130.37	IRR_CONT_BOX	
5638	1839561.41	6302344.48	124.97	SD_GRATE_INLET	
5639	1839561.42	6302344.48	122.82	SD_IE	
5640	1839481.19	6300818.10	161.98	WTR_METER	
5641	1839569.53	6302270.99	125.01	SD_GRATE_INLET	
5642	1839569.54	6302270.99	122.81	SD_IE	
5643	1839623.08	6302162.30	127.87	TRAF_SIG_PB	
5644	1839610.40	6302162.62	127.95	TRAF_SIG_PB	
5645	1839572.07	6302161.87	127.83	TRAF_SIG_PB	
5646	1839554.19	6302161.37	127.82	ELEC_PB	
5647	1839494.57	6302127.67	126.62	TRANSFORMER	
5648	1839490.65	6302127.67	126.61	TRANSFORMER	
5649	1839484.66	6302131.64	126.78	CABLE_MH_VAULT	
5650	1839503.40	6302126.35	127.63	STREET_LIGHT	
5651	1839517.41	6302091.02	127.91	MISC_POINT_FEAT	FUEL ACCESS MH
5652	1839517.39	6302087.56	128.06	MISC_POINT_FEAT	FUEL ACCESS MH
5653	1839526.63	6302086.79	128.20	MISC_POINT_FEAT	FUEL ACCESS MH
5654	1839526.93	6302090.45	128.09	MISC_POINT_FEAT	FUEL ACCESS MH
5655	1839535.14	6302086.33	128.18	MISC_POINT_FEAT	FUEL ACCESS MH
5656	1839535.25	6302089.94	128.11	MISC_POINT_FEAT	FUEL ACCESS MH
5657	1839534.17	6302067.08	128.84	MISC_POINT_FEAT	FUEL ACCESS MH
5658	1839525.79	6302067.54	128.72	MISC_POINT_FEAT	FUEL ACCESS MH
5659	1839516.51	6302067.75	128.54	MISC_POINT_FEAT	FUEL ACCESS MH
5660	1839637.12	6302158.57	127.50	GAS_GATE_VALVE	
5661	1839649.94	6302124.77	128.85	ELEC_MH_VAULT	
5662	1839624.62	6302131.86	127.94	TRAF_SIG_PB	
5663	1839626.80	6302127.16	128.31	TRAFFIC_SIGNAL	W/STREET LIGHT
5664	1839629.81	6302121.22	128.71	TRAF_SIG_RISER	
5665	1839639.17	6302124.23	128.68	PED_RAMP_CURV	ADA
5666	1839637.26	6302117.68	129.30	TRAF_SIG_PB	
5667	1839640.05	6302112.64	129.98	TRAF_SIG_PB	
5668	1839642.37	6302112.70	129.98	TRAF_SIG_PB	
5669	1839640.10	6302108.41	130.44	TRAF_SIG_PB	
5670	1839643.71	6302071.36	134.24	ELEC_PB	
5671	1839645.56	6302060.42	135.35	SD_INLET_TC	
5672	1839647.75	6302060.37	134.96	SD_GRATE_INLET	
5673	1839647.76	6302060.37	130.96	SD_IE	
5674	1839643.51	6302043.29	137.15	WTR_METER	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5675	1839643.42	6302038.31	137.62	CABLE_TV_PB	
5676	1839644.52	6302032.72	138.33	TELEPHONE_RISER	
5677	1839643.54	6302024.15	139.18	CABLE_MH_VAULT	
5678	1839651.46	6301991.70	142.13	ELEC_MH_VAULT	
5679	1839644.94	6301985.79	143.09	WTR_METER	
5680	1839645.55	6301966.57	144.39	TRAF_SIG_PB	
5681	1839645.05	6301951.23	145.53	CABLE_TV_PB	
5682	1839645.07	6301949.54	145.60	ELEC_PB	
5683	1839642.88	6301949.37	145.61	ELEC_PB	
5684	1839642.64	6301932.42	146.88	STREET_LIGHT	
5685	1839668.89	6301896.54	147.81	WTR_GATE_VALVE	
5686	1839646.42	6301889.80	147.79	TRAF_SIG_PB	
5687	1839647.21	6301856.02	148.09	CABLE_TV_PB	
5688	1839642.67	6301856.17	148.76	TELEPHONE_RISER	
5689	1839646.41	6301850.51	148.17	ELEC_PB	
5690	1839646.74	6301844.98	148.28	TRAF_SIG_PB	
5691	1839642.39	6301844.28	148.98	SWR_CO	
5692	1839647.03	6301830.54	148.36	WTR_METER	
5693	1839638.71	6301831.85	149.53	ELEC_PB	
5694	1839638.48	6301839.57	150.05	IRR_CONT_BOX	
5695	1839639.20	6301842.63	149.54	WTR_BK_FLW_PRV	
5696	1839632.66	6301845.53	150.04	SWR_MH_MISC	GREASE TRAP
5697	1839632.52	6301848.61	150.00	SWR_MH_MISC	GREASE TRAP
5698	1839632.44	6301851.74	149.99	SWR_MH_MISC	GREASE TRAP
5699	1839625.59	6301854.66	149.99	SWR_CO	
5700	1839617.79	6301826.79	149.75	MISC_POINT_FEAT	SD C/O
5701	1839608.02	6301827.26	149.24	SD_GRATE_INLET	
5702	1839608.03	6301827.26	149.74	SD_IE	
5703	1839647.98	6301802.22	148.59	WTR_METER	
5704	1839647.73	6301779.37	147.93	STREET_LIGHT	
5705	1839648.22	6301775.50	148.79	WTR_METER	
5706	1839643.12	6301774.60	149.43	WTR_BK_FLW_PRV	
5707	1839648.20	6301766.10	148.75	CABLE_TV_PB	
5708	1839648.59	6301762.96	148.93	ELEC_PB	
5709	1839647.22	6301762.32	149.08	ELEC_PB	
5710	1839675.04	6301757.59	149.19	WTR_GATE_VALVE	
5711	1839659.96	6301735.10	149.10	ELEC_MH_VAULT	
5713	1839637.04	6301681.30	150.53	TRANSFORMER	
5716	1839628.83	6301679.47	150.83	ELEC_RISER	
5717	1839650.11	6301651.06	150.35	WTR_METER	
5718	1839647.26	6301650.98	150.54	WTR_METER	
5719	1839642.13	6301650.93	150.61	WTR_BK_FLW_PRV	
5720	1839650.57	6301606.52	151.98	WTR_METER	
5721	1839643.62	6301606.83	152.11	IRR_CONT_BOX	
5722	1839641.59	6301606.60	152.04	WTR_BK_FLW_PRV	
5723	1839642.17	6301602.54	152.18	WTR_BK_FLW_PRV	
5724	1839646.84	6301582.76	153.01	ELEC_PB	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5725	1839646.82	6301581.04	152.85	CABLE_TV_RISER	
5726	1839646.36	6301578.24	152.96	TELEPHONE_RISER	
5727	1839646.34	6301574.84	153.50	ELEC_PB	
5728	1839651.77	6301527.40	155.55	WTR_METER	
5729	1839672.07	6301500.14	156.86	WTR_GATE_VALVE	
5730	1839675.32	6301496.99	157.09	WTR_GATE_VALVE	
5731	1839676.54	6301496.88	157.00	WTR_GATE_VALVE	
5732	1839652.01	6301499.24	156.77	FIRE_HYDRANT	
5733	1839647.10	6301485.74	157.36	WTR_METER	
5734	1839642.84	6301485.92	157.47	WTR_BK_FLW_PRV	
5735	1839648.86	6301477.87	157.95	STREET_LIGHT	
5736	1839652.82	6301431.89	159.78	TRAF_SIG_PB	
5737	1839648.41	6301284.04	165.67	GAS_METER	
5738	1839656.52	6301285.50	165.66	GAS_GATE_VALVE	
5739	1839651.09	6301266.37	165.78	TRANSFORMER	
5740	1839649.63	6301261.89	165.86	CABLE_MH_VAULT	
5741	1839651.70	6301259.81	166.00	ELEC_PB	
5743	1839635.00	6301269.11	165.15	ELEC_MH_VAULT	
5745	1839648.73	6301192.82	166.38	FIRE_HYDRANT	
5746	1839677.92	6301193.05	166.50	WTR_GATE_VALVE	
5747	1839644.47	6301160.91	166.55	STREET_LIGHT	
5748	1839638.27	6301156.69	166.43	ELEC_PB	
5749	1839642.59	6301081.06	166.16	CABLE_TV_PB	
5750	1839669.79	6301071.69	165.83	ELEC_MH_VAULT	
5751	1839641.05	6301018.65	166.06	ELEC_PB	
5752	1839646.05	6301019.93	166.13	STREET_LIGHT	
5753	1839649.18	6300961.78	165.77	IRR_CONT_BOX	
5754	1839653.66	6300962.64	165.81	IRR_CONT_BOX	
5755	1839656.11	6300925.88	165.65	TELEPHONE_RISER	
5756	1839656.59	6300923.24	165.63	CABLE_TV_RISER	
5757	1839656.74	6300918.33	165.47	TRANSFORMER	
5758	1839656.27	6300912.01	165.34	ELEC_RISER	
5759	1839661.13	6300907.20	165.57	TRAF_SIG_PB	
5760	1839657.12	6300901.66	165.72	TRAF_SIG_PB	
5761	1839653.94	6300901.03	165.45	TRAF_SIG_RISER	
5762	1839655.45	6300895.17	165.64	IRR_CONT_BOX	
5763	1839645.95	6300892.25	165.68	ELEC_MH_VAULT	ABANDONED
5764	1839647.40	6300882.43	165.10	TRAF_SIG_PB	
5765	1839652.50	6300881.20	165.55	TRAFFIC_SIGNAL	W/STREET LIGHT
5766	1839655.36	6300884.14	165.52	FIRE_HYDRANT	
5767	1839654.22	6300872.12	164.75	PED_RAMP_CURV	
5768	1839668.69	6300859.55	164.72	WTR_GATE_VALVE	
5769	1839669.53	6300858.63	164.84	WTR_GATE_VALVE	
5770	1839616.20	6300890.07	163.56	MISC_POINT_FEAT	GROUND/ROD
5771	1839622.08	6300868.81	164.60	TRAF_SIG_PB	
5772	1839646.94	6300358.87	150.46	ELEC_PB	
5773	1839642.94	6300360.56	150.68	TRAF_SIG_RISER	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5774	1839651.75	6300365.87	150.95	ELEC_PB	
5775	1839654.02	6300365.06	150.97	TRAF_SIG_PB	
5776	1839654.33	6300367.83	150.38	TRAFFIC_SIGNAL	W/STREET LIGHT
5777	1839658.34	6300363.17	150.72	PED_RAMP_CURV	
5778	1839656.12	6300378.49	151.61	ELEC_PB	
5779	1839654.67	6300378.94	151.62	CABLE_TV_PB	
5780	1839652.72	6300379.97	151.46	ELEC_RISER	
5781	1839649.08	6300381.38	151.67	ELEC_METER	
5782	1839656.22	6300381.24	151.80	ELEC_PB	
5783	1839655.46	6300387.98	151.72	TRANSFORMER	
5784	1839662.16	6300385.60	151.97	SD_INLET_TC	
5785	1839663.12	6300385.52	151.32	SD_GRATE_INLET	
5786	1839663.13	6300385.52	144.32	SD_IE	
5787	1839655.88	6300393.43	152.53	CABLE_TV_PB	
5789	1839644.88	6300391.90	153.75	ELEC_POLE_WUG	
5791	1839637.79	6300375.08	151.66	TREE_BUSH	30"EUC
5792	1839674.28	6300446.16	153.35	ELEC_MH_VAULT	
5793	1839663.19	6300516.56	155.84	TRAFFIC_SIGNAL	
5794	1839662.10	6300520.75	155.71	ELEC_PB	
5795	1839662.30	6300523.78	155.60	ELEC_RISER	
5796	1839662.49	6300528.09	155.83	ELEC_RISER	
5797	1839661.93	6300526.03	156.14	TRAF_SIG_PB	
5798	1839662.09	6300537.49	156.57	STREET_LIGHT	
5799	1839665.74	6300545.96	156.60	TRAF_SIG_PB	
5800	1839659.36	6300546.89	156.95	ELEC_MH_VAULT	
5801	1839658.92	6300552.99	157.01	ELEC_PB	
5802	1839660.84	6300553.96	156.93	ELEC_PB	
5803	1839658.79	6300557.99	156.86	TELEPHONE_RISER	
5804	1839661.05	6300559.14	157.06	CABLE_TV_PB	
5805	1839660.56	6300562.89	157.14	CABLE_MH_VAULT	
5806	1839658.24	6300592.07	158.12	WTR_BK_FLW_PRV	
5807	1839661.20	6300592.10	158.16	WTR_METER	
5808	1839661.25	6300593.80	158.13	WTR_METER	
5809	1839661.31	6300596.63	158.18	FIRE_HYDRANT	
5810	1839665.54	6300608.68	158.41	WTR_METER	
5811	1839665.53	6300610.31	158.56	WTR_METER	
5812	1839688.50	6300595.91	158.26	WTR_GATE_VALVE	
5813	1839664.11	6300688.78	160.74	WTR_METER	
5814	1839659.93	6300704.29	161.35	CABLE_TV_PB	
5815	1839656.97	6300797.28	163.97	TRAF_SIG_PB	
5816	1839648.58	6300806.48	164.23	TRAF_SIG_PB	
5817	1839643.71	6300810.45	166.81	TRAFFIC_SIGNAL	
5818	1839655.69	6300813.33	163.96	PED_RAMP_CURV	
5819	1839631.71	6300820.27	164.32	WTR_BO	
5820	1839609.46	6300819.97	164.02	WTR_METER	
5821	1839608.05	6300819.87	164.06	WTR_METER	
5822	1839586.56	6300814.44	163.54	DEADMAN	

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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **32 of 39**

CHAIN:

CADD: **MYERS**

INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

**THE COORDINATES SHOWN HEREON ARE INTENDED FOR THIS PROJECT ONLY. DO NOT PRESUME THAT
THEY ARE OF SUITABLE ACCURACY FOR USE IN EXTENDING THE BASE CONTROL NETWORK**

PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5823	1839580.23	6300819.38	163.50	WTR_METER	
5824	1839566.42	6300818.16	163.40	CABLE_TV_PB	
5825	1839563.42	6300815.76	163.25	ELEC_POLE_WUG	W/STREET LIGHT
5826	1839554.54	6300815.36	163.04	TELEPHONE_RISER	
5827	1839549.35	6300815.25	163.03	TELEPHONE_RISER	
5829	1839561.91	6300775.80	163.11	UTILITY_POLE	
5831	1839531.68	6300818.85	162.71	WTR_METER	
5832	1839481.04	6300849.84	161.87	WTR_GATE_VALVE	
5833	1839480.24	6300849.87	161.86	WTR_GATE_VALVE	
5834	1839441.13	6300813.38	161.12	ELEC_POLE_WUG	W/STREET LIGHT
5835	1839430.54	6300813.49	160.89	DEADMAN	
5836	1839419.61	6300808.08	160.20	TELEPHONE_RISER	
5837	1839415.84	6300806.27	160.31	TELEPHONE_PB	
5838	1839371.94	6300809.20	158.97	GAS_GATE_VALVE	
5839	1839344.74	6300785.42	157.98	SD_INLET_TC	
5840	1839342.78	6300782.97	157.98	SD_MANHOLE	
5841	1839342.79	6300782.97	151.28	SD_IE	
5842	1839332.40	6300787.14	158.14	IRR_CONT_BOX	
5843	1839331.30	6300788.17	158.01	IRR_CONT_BOX	
5844	1839324.71	6300797.02	158.08	STREET_LIGHT	
5845	1839326.62	6300798.13	158.12	ELEC_PB	
5846	1839312.83	6300812.24	158.34	IRR_CONT_BOX	
5847	1839289.56	6300795.99	155.95	STREET_LIGHT	
5848	1839283.45	6300798.31	155.88	SD_GRATE_INLET	
5849	1839283.46	6300798.31	154.58	SD_IE	
5850	1839267.23	6300682.55	151.05	STREET_LIGHT	
5851	1839240.79	6300691.75	150.52	SD_INLET_TC	
5852	1839239.00	6300688.99	150.51	SD_MANHOLE	
5853	1839239.01	6300688.99	145.11	SD_IE	
5854	1839257.08	6300719.07	151.57	SD_GRATE_INLET	
5855	1839257.09	6300719.07	150.07	SD_IE	
5856	1839296.66	6300667.82	152.14	IRR_CONT_BOX	
5857	1839298.29	6300667.91	152.14	IRR_CONT_BOX	
5858	1839299.95	6300667.98	152.19	IRR_CONT_BOX	
5859	1839301.45	6300667.93	152.21	IRR_CONT_BOX	
5860	1839303.27	6300668.01	152.25	IRR_CONT_BOX	
5861	1839304.92	6300668.07	152.29	IRR_CONT_BOX	
5862	1839384.02	6300647.35	152.65	STREET_LIGHT	
5863	1839383.11	6300655.58	153.45	IRR_CONT_BOX	
5864	1839383.11	6300657.22	153.49	IRR_CONT_BOX	
5865	1839383.23	6300658.75	153.42	IRR_CONT_BOX	
5866	1839383.25	6300660.29	153.36	IRR_CONT_BOX	
5867	1839419.66	6300732.03	158.53	IRR_CONT_BOX	
5868	1839419.53	6300733.76	158.84	IRR_CONT_BOX	
5869	1839419.69	6300735.36	158.82	IRR_CONT_BOX	
5870	1839419.60	6300736.82	158.63	IRR_CONT_BOX	
5871	1839419.56	6300738.49	159.10	IRR_CONT_BOX	

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT**

**Field Engineering Division
Survey (Geomatics) Section
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **33 of 39**

CHAIN:

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INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5872	1839419.64	6300740.11	158.93	IRR_CONT_BOX	
5873	1839419.44	6300748.19	159.27	STREET_LIGHT	
5874	1839331.71	6300842.05	158.63	WTR_METER	
5875	1839332.69	6300843.78	158.60	WTR_METER	
5876	1839333.85	6300845.22	158.69	WTR_METER	
5877	1839332.32	6300849.25	158.82	ELEC_PB	
5878	1839332.09	6300856.21	158.99	STREET_LIGHT	
5879	1839321.40	6300848.73	158.57	WTR_BK_FLW_PRV	
5880	1839316.84	6300846.30	158.72	IRR_CONT_BOX	
5881	1839317.64	6300850.94	158.97	IRR_CONT_BOX	
5882	1839315.81	6300852.27	158.86	IRR_CONT_BOX	
5884	1839322.22	6300856.77	158.67	WTR_BK_FLW_PRV	
5886	1839322.33	6300858.77	158.67	WTR_BK_FLW_PRV	
5887	1839322.45	6300861.06	158.67	WTR_FS	
5888	1839303.43	6300849.17	158.82	IRR_CONT_BOX	
5889	1839300.24	6300850.63	158.69	IRR_CONT_BOX	
5890	1839298.60	6300851.23	158.54	IRR_CONT_BOX	
5891	1839297.05	6300851.90	158.55	IRR_CONT_BOX	
5892	1839295.91	6300852.62	158.24	IRR_CONT_BOX	
5893	1839292.54	6300853.77	158.17	IRR_CONT_BOX	
5895	1839298.23	6300871.08	158.54	TRANSFORMER	
5897	1839289.17	6300871.74	158.43	ELEC_RISER	
5898	1839283.62	6300867.60	158.23	SWR_CO	
5899	1839294.85	6300884.23	157.88	SD_GRATE_INLET	
5900	1839294.86	6300884.23	156.38	SD_IE	
5901	1839329.92	6300881.59	158.10	IRR_CONT_BOX	
5902	1839331.54	6300884.09	158.15	IRR_CONT_BOX	
5903	1839331.77	6300885.16	158.14	IRR_CONT_BOX	
5904	1839357.93	6300854.09	158.79	WTR_GATE_VALVE	
5905	1839353.78	6300837.90	158.93	WTR_GATE_VALVE	
5906	1839353.88	6300839.17	159.00	WTR_GATE_VALVE	
5907	1839367.04	6300854.18	159.04	WTR_GATE_VALVE	
5908	1839366.90	6300865.87	159.45	FIRE_HYDRANT	
5909	1839380.41	6300867.24	159.68	GAS_GATE_VALVE	
5910	1839394.31	6300884.10	158.95	IRR_CONT_BOX	
5911	1839395.82	6300884.19	158.88	IRR_CONT_BOX	
5912	1839397.35	6300884.15	158.75	IRR_CONT_BOX	
5913	1839399.08	6300884.13	158.84	IRR_CONT_BOX	
5914	1839400.70	6300884.04	158.98	IRR_CONT_BOX	
5915	1839465.91	6300887.51	159.82	IRR_CONT_BOX	
5916	1839467.46	6300887.93	159.74	IRR_CONT_BOX	
5917	1839493.19	6300888.10	160.66	IRR_CONT_BOX	
5918	1839524.19	6300895.04	160.42	WTR_METER	
5919	1839527.95	6300897.20	160.62	IRR_CONT_BOX	
5920	1839525.59	6300891.82	160.58	WTR_BK_FLW_PRV	
5921	1839527.77	6300891.68	160.55	WTR_BK_FLW_PRV	
5922	1839525.58	6300885.86	160.96	WTR_METER	

**CITY OF SAN DIEGO
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

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SURVEY DATE: **4-30-2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5923	1839527.40	6300885.71	161.02	WTR_METER	
5924	1839530.55	6300890.31	161.03	IRR_CONT_BOX	
5925	1839516.77	6300907.65	160.82	MISC_POINT_FEAT	FLAG POLE
5926	1839547.22	6300893.33	161.10	IRR_CONT_BOX	
5927	1839552.10	6300894.09	161.19	IRR_CONT_BOX	
5928	1839553.85	6300894.16	160.85	IRR_CONT_BOX	
5929	1839555.38	6300894.49	160.77	IRR_CONT_BOX	
5930	1839615.06	6300887.81	163.32	MISC_POINT_FEAT	SCHOOL
5931	1839621.61	6300923.91	161.39	ELEC_RISER	IRRI. CNTRL.
5932	1839519.10	6300879.91	162.54	ELEC_PB	
5933	1839520.96	6300876.49	162.50	STREET_LIGHT	
5934	1839247.58	6300682.51	150.63	SD_MANHOLE	
5935	1839247.59	6300682.51	144.63	SD_IE	
5936	1839285.43	6300711.85	152.07	SD_MANHOLE	
5937	1839285.44	6300711.85	145.17	SD_IE	
5938	1839236.94	6300734.06	152.35	SD_GRATE_INLET	
5939	1839236.95	6300734.06	151.05	SD_IE	
5940	1839227.09	6300747.83	153.53	ELEC_PB	
5941	1839224.47	6300748.13	153.35	STREET_LIGHT	
5942	1839190.90	6300778.50	154.61	SD_GRATE_INLET	
5943	1839190.91	6300778.50	153.31	SD_IE	
5944	1839174.01	6300795.32	155.15	SWR_CO	
5945	1839185.86	6300800.88	155.57	STREET_LIGHT	
5946	1839193.71	6300826.14	155.91	WTR_MH_VAULT	
5947	1839136.82	6300771.43	155.26	CATH_PREV_TEST	
5948	1839566.26	6300544.06	154.53	ELEC_RISER	
5949	1839564.36	6300543.41	154.54	ELEC_RISER	
5950	1839566.31	6300539.27	154.83	ELEC_PB	
5951	1839547.75	6300541.69	154.42	IRR_CONT_BOX	
5952	1839499.94	6300531.52	154.26	DEADMAN	
5953	1839467.24	6300536.35	151.27	SD_GRATE_INLET	
5954	1839467.25	6300536.35	149.37	SD_IE	
5955	1839433.10	6300526.09	151.50	DEADMAN	
5956	1839466.01	6300506.88	153.97	IRR_CONT_BOX	
5957	1839467.57	6300505.72	153.96	IRR_CONT_BOX	
5959	1839469.05	6300495.91	151.49	UTILITY_POLE	
5961	1839520.48	6300466.30	154.59	IRR_CONT_BOX	
5962	1839521.92	6300465.58	154.43	IRR_CONT_BOX	
5963	1839525.09	6300462.96	154.35	IRR_CONT_BOX	
5964	1839525.69	6300464.72	154.47	IRR_CONT_BOX	
5966	1839525.47	6300478.84	154.74	SWR_CO	
5968	1839559.56	6300463.78	155.58	SWR_CO	
5969	1839595.02	6300407.01	154.71	IRR_CONT_BOX	
5970	1839597.03	6300405.15	154.72	IRR_CONT_BOX	
5971	1839599.49	6300403.54	154.69	IRR_CONT_BOX	
5972	1839593.69	6300410.63	154.90	IRR_CONT_BOX	
5973	1839649.75	6300446.70	154.63	IRR_CONT_BOX	

**CITY OF SAN DIEGO
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
5974	1839630.18	6300562.60	155.37	IRR_CONT_BOX	
5975	1839586.12	6300586.76	155.88	WTR_METER	
5976	1839565.90	6300591.68	155.33	IRR_CONT_BOX	
5977	1839564.61	6300591.74	155.37	IRR_CONT_BOX	
5978	1839562.94	6300591.62	155.34	IRR_CONT_BOX	
5979	1839561.42	6300591.03	155.24	IRR_CONT_BOX	
5980	1839482.40	6300605.80	153.39	TELEPHONE_RISER	
5981	1839481.89	6300604.98	153.37	TELEPHONE_RISER	
5982	1839482.22	6300599.08	152.79	TRANSFORMER	
5983	1839483.24	6300595.16	153.07	IRR_CONT_BOX	
5984	1839483.37	6300593.81	153.12	IRR_CONT_BOX	
5985	1839483.47	6300591.78	152.99	IRR_CONT_BOX	
5986	1839483.52	6300589.72	152.91	IRR_CONT_BOX	
5987	1839483.56	6300587.85	152.80	IRR_CONT_BOX	
5988	1839495.64	6300639.78	155.34	SWR_CO	
5989	1839403.42	6300665.23	155.55	SWR_CO	
5990	1839404.15	6300599.18	152.61	SWR_CO	
5991	1839989.61	6300377.08	157.85	WTR_METER	
5992	1839989.15	6300431.65	159.04	WTR_METER	
5993	1839988.24	6300483.75	160.22	WTR_METER	
5994	1839987.30	6300541.77	161.56	WTR_METER	
5995	1839991.74	6300568.87	162.41	STREET_LIGHT	
5996	1839986.62	6300597.32	162.91	WTR_METER	
5997	1839989.78	6300623.34	163.95	STREET_LIGHT	
5998	1839985.61	6300648.70	163.85	WTR_METER	
5999	1839990.12	6300649.13	164.23	WTR_BK_FLW_PRV	
6000	1839985.65	6300651.83	163.81	GAS_GATE_VALVE	
6001	1839987.86	6300724.84	165.91	UTILITY_POLE	W/STREET LIGHT
6002	1839984.12	6300760.76	166.08	WTR_METER	
6003	1839993.21	6300779.37	167.36	SWR_CO	
6004	1839983.32	6300811.84	167.11	WTR_METER	
6005	1839990.60	6300848.38	168.05	PED_RAMP_CURV	
6006	1839989.32	6300895.16	168.20	PED_RAMP_CURV	
6007	1839985.26	6300897.21	168.21	WTR_GATE_VALVE	
6008	1839980.52	6300990.99	170.37	WTR_METER	
6009	1839979.89	6301042.76	172.86	WTR_METER	
6010	1839979.00	6301100.93	177.33	WTR_METER	
6011	1840005.84	6301099.25	179.14	SWR_CO	
6012	1839978.37	6301150.92	181.24	WTR_METER	
6013	1840020.06	6301249.57	187.72	FIRE_HYDRANT	
6014	1840046.76	6301257.62	188.93	WTR_METER	
6015	1840079.72	6301243.42	189.18	WTR_GATE_VALVE	
6016	1840130.30	6301259.13	189.44	WTR_METER	
6017	1840131.94	6301258.29	189.45	WTR_METER	
6018	1840202.25	6301156.04	183.95	FIRE_HYDRANT	
6019	1840202.18	6301151.59	183.66	WTR_METER	
6020	1840202.80	6301092.56	180.93	WTR_METER	

**CITY OF SAN DIEGO
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
6021	1840203.87	6301054.37	178.86	WTR_METER	
6022	1840204.40	6300995.40	175.92	WTR_METER	
6023	1840195.58	6300905.87	173.30	GAS_GATE_VALVE	
6024	1840196.20	6300902.58	173.23	WTR_GATE_VALVE	
6025	1840196.69	6300896.22	172.47	PED_RAMP_CURV	
6026	1840245.73	6300899.20	172.44	PED_RAMP_CURV	
6027	1840261.86	6300894.68	171.99	FIRE_HYDRANT	
6028	1840261.75	6300899.79	172.29	WTR_GATE_VALVE	
6029	1840289.34	6300895.35	171.05	WTR_METER	
6030	1840367.11	6300896.51	169.19	WTR_METER	
6031	1840413.06	6300853.58	168.19	DEADMAN	
6032	1840395.44	6300853.78	168.59	UTILITY_POLE	
6033	1840348.41	6300856.62	169.63	WTR_METER	
6035	1840225.15	6300844.81	172.73	WTR_RISER	
6038	1840222.53	6300841.50	172.81	WTR_MH_VAULT	
6040	1840221.62	6300845.56	172.80	SWR_CO	
6041	1840201.20	6300856.40	172.16	PED_RAMP	
6042	1840190.77	6300849.41	172.64	WTR_RISER	
6043	1840190.79	6300863.14	172.62	WTR_GATE_VALVE	
6044	1840151.63	6300852.98	171.84	WTR_METER	
6045	1840111.21	6300849.32	170.64	ELEC_POLE_WUG	
6047	1840111.88	6300837.97	170.90	ELEC_MH_VAULT	
6048	1840102.57	6300853.27	170.91	GAS_GATE_VALVE	
6049	1840088.19	6300849.10	170.40	DEADMAN	
6050	1840067.30	6300849.08	170.25	WTR_RISER	
6051	1840036.30	6300891.60	169.53	WTR_METER	
6052	1840092.94	6300892.39	170.65	WTR_METER	
6053	1840160.13	6300893.43	171.96	WTR_METER	
6054	1840162.53	6300896.61	172.08	ELEC_METER	
6055	1840237.53	6300996.75	175.84	WTR_METER	
6056	1840236.71	6301055.17	179.00	WTR_METER	
6057	1840236.31	6301094.16	180.88	WTR_METER	
6058	1840235.30	6301151.75	183.76	WTR_METER	
6059	1840234.33	6301192.37	185.89	WTR_METER	
6060	1840229.48	6301223.01	187.19	STREET_LIGHT	
6061	1840221.32	6301234.87	187.57	WTR_METER	
6062	1840206.15	6301255.96	188.34	WTR_METER	
6063	1840171.22	6301281.80	189.37	WTR_METER	
6064	1840130.81	6301292.23	189.56	WTR_METER	
6065	1840128.69	6301293.28	189.54	WTR_METER	
6066	1840044.56	6301291.03	188.95	WTR_METER	
6067	1840011.08	6301281.42	187.93	WTR_METER	
6068	1839975.24	6301256.50	186.71	WTR_METER	
6069	1839956.75	6301231.57	185.61	WTR_METER	
6070	1839945.49	6301191.40	183.62	WTR_METER	
6071	1839940.91	6301176.21	182.89	STREET_LIGHT	
6072	1839945.00	6301150.87	181.50	WTR_METER	

**CITY OF SAN DIEGO
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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
6073	1839945.77	6301100.54	177.50	WTR_METER	
6074	1839946.29	6301050.95	173.73	WTR_METER	
6075	1839947.48	6300990.68	170.30	WTR_METER	
6076	1839947.83	6300958.40	169.36	FIRE_HYDRANT	
6077	1839940.10	6300958.47	169.43	WTR_GATE_VALVE	
6078	1839931.10	6300968.72	169.92	UTILITY_POLE	
6079	1839943.42	6300898.30	168.24	STREET_LIGHT	
6080	1839938.57	6300894.13	167.90	WTR_GATE_VALVE	
6081	1839936.02	6300890.72	167.44	PED_RAMP_CURV	ADA
6082	1839938.23	6300899.45	168.16	WTR_GATE_VALVE	
6083	1839953.50	6300896.07	167.85	GAS_GATE_VALVE	
6084	1839943.38	6300846.34	167.36	PED_RAMP_CURV	
6085	1839949.92	6300819.57	167.18	WTR_METER	
6086	1839950.74	6300761.85	166.18	WTR_METER	
6087	1839951.61	6300724.61	165.59	UTILITY_POLE	
6088	1839951.38	6300691.52	164.70	WTR_METER	
6089	1839952.26	6300651.39	163.74	WTR_METER	
6090	1839953.36	6300580.84	162.48	WTR_METER	
6091	1839953.99	6300567.41	162.15	FIRE_HYDRANT	
6092	1839946.05	6300567.12	162.47	WTR_GATE_VALVE	
6093	1839954.22	6300532.14	161.37	WTR_METER	
6094	1839954.89	6300485.34	160.24	WTR_METER	
6095	1839955.70	6300417.55	158.85	WTR_METER	
6096	1839952.40	6300386.41	158.01	WTR_METER	
6097	1839952.43	6300384.62	157.99	WTR_METER	
6098	1839952.48	6300378.87	157.88	WTR_METER	
6099	1839952.53	6300376.97	157.76	WTR_METER	
6100	1839952.41	6300367.99	157.53	WTR_METER	
6101	1839840.07	6300891.31	167.00	ELEC_POLE_WUG	
6102	1839803.05	6300849.53	166.31	CATH_PREV_TEST	
6103	1839838.38	6300846.01	166.79	WTR_RISER	
6104	1839838.16	6300857.80	166.63	WTR_GATE_VALVE	
6105	1839842.52	6300856.44	166.55	WTR_GATE_VALVE	
6106	1839842.94	6300863.78	166.87	WTR_GATE_VALVE	
6107	1839866.17	6300857.67	166.86	WTR_GATE_VALVE	
6108	1839865.98	6300854.46	166.68	WTR_GATE_VALVE	
6109	1839896.80	6300889.51	167.46	WTR_METER	
6111	1840934.71	6300570.48	167.02	SWR_MH_RIM	J22S 14
6113	1840934.71	6300570.48	161.22	SWR_MH_IE	2
6116	1840105.16	6300459.14	160.50	SWR_MH_RIM	J22S170
6117	1840105.16	6300459.14	155.60	SWR_MH_IE	2
6118	1840941.69	6300003.70	175.90	SWR_MH_RIM	J22S Not in Splash
6119	1840941.70	6300003.70	171.28	SWR_MH_IE	1
6120	1840195.26	6301155.30	183.82	WTR_GATE_VALVE	
6121	1840909.78	6300526.69	166.23	SWR_MH_RIM	J22S344
6122	1840909.79	6300526.69	158.23	SWR_MH_IE	2
6123	1840863.96	6301141.41	184.63	SWR_CO	

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**GROUP JOB 778 - SECTION 2
CHOLLAS VIEW VICINITY**

CHIEF: **BROOKS**

INSTRUMENT: **TODD**

WORK ORDER: **B-00388**

SHEET: **38 of 39**

CHAIN:

CADD: **MYERS**

INDEX: **198-1737**

SURVEY DATE: **4-30-2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
6124	1840389.99	6299882.52	154.12	SWR_MH_RIM	J22S 337
6125	1840390.00	6299882.52	146.27	SWR_MH_IE	2
6126	1840322.91	6299903.24	154.40	SWR_MH_RIM	J22S121
6127	1840322.92	6299903.24	145.70	SWR_MH_IE	2
6128	1840734.19	6300010.08	163.90	FD_EVID_OF_MON	PAVED OVER WELL MON
6129	1840882.23	6299951.43	170.56	FD_EVID_OF_MON	PAVED OVER WELL MON
6130	1840303.76	6300264.46	151.92	FD_EVID_OF_MON	PAVED OVER WELL MON
6131	1840519.34	6300571.84	158.52	FD_EVID_OF_MON	PAVED OVER WELL MON
6132	1840513.42	6300971.64	171.39	FD_EVID_OF_MON	PAVED OVER WELL MON
6133	1840514.54	6300878.87	167.72	FD_EVID_OF_MON	PAVED OVER WELL MON
6134	1840473.79	6301381.78	178.54	FD_EVID_OF_MON	PAVED OVER WELL MON
6135	1840577.72	6301463.83	183.18	SWR_MH_RIM	J22S194
6136	1840577.73	6301463.83	173.68	SWR_MH_IE	2
6137	1840477.73	6301790.68	176.01	FD_EVID_OF_MON	PAVED OVER WELL MON
6138	1839736.80	6300844.88	164.19	SPOT_ELEV_CONC	
6139	1839736.63	6300867.51	164.51	SPOT_ELEV_CONC	
6140	1839695.60	6300866.86	165.54	FD_EVID_OF_MON	PAVED OVER WELL MON
6141	1839695.91	6300842.99	165.22	FD_EVID_OF_MON	PAVED OVER WELL MON
6142	1839750.12	6300565.52	158.32	FD_RW_PL_PT	3/4"IP W/DISK CED
6143	1840916.05	6300066.33	175.55	SWR_MH_RIM	J22S13
6144	1840916.06	6300066.33	169.85	SWR_MH_IE	2
6145	1840854.95	6301191.27	186.77	SWR_MH_RIM	J22S21
6146	1840854.96	6301191.27	179.17	SWR_MH_IE	2
6147	1840854.53	6301188.08	185.71	SPOT_ELEV_DIRT	
9000	1839367.12	6300818.61		CALCD_RAD_PT	
9001	1839366.85	6300838.61		CALCD_CL_STRT	
9002	1839703.74	6300322.09		CALCD_CL_STRT	
9003	1839695.98	6300843.04		CALCD_CL_STRT	
9004	1839695.63	6300866.87		CALCD_CL_STRT	
9005	1839682.44	6301752.43		CALCD_CL_STRT	
9006	1839675.81	6302196.99		CALCD_CL_STRT	
9007	1839300.86	6302191.21		CALCD_RAD_PT	
9008	1839362.64	6302617.78		CALCD_CL_STRT	
9009	1839947.91	6302386.11		CALCD_CL_STRT	
9010	1840726.96	6302186.76		CALCD_CL_STRT	
9011	1840729.06	6302027.69		CALCD_CL_STRT	
9012	1839629.19	6302010.82		CALCD_RAD_PT	
9013	1840707.65	6301794.22		CALCD_CL_STRT	
9014	1841786.52	6301579.63		CALCD_RAD_PT	
9015	1840703.83	6301385.24		CALCD_CL_STRT	
9016	1838213.74	6300937.65		CALCD_RAD_PT	
9017	1840743.46	6300975.04		CALCD_CL_STRT	
9018	1840747.57	6300690.25		CALCD_CL_STRT	
9019	1840882.44	6299951.21		CALCD_CL_STRT	
9020	1840879.62	6300161.23		CALCD_RAD_PT	
9021	1840733.84	6300010.02		CALCD_CL_STRT	
9022	1840409.91	6299873.06		CALCD_CL_STRT	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
9023	1840634.24	6300106.04		CALCD_CL_STRT	
9024	1840779.96	6300257.38		CALCD_CL_STRT	
9025	1840383.79	6300347.52		CALCD_CL_STRT	
9026	1840303.91	6300264.58		CALCD_CL_STRT	
9027	1840158.83	6300402.24		CALCD_RAD_PT	
9028	1840160.63	6300202.25		CALCD_CL_STRT	
9029	1839973.64	6300339.65		CALCD_CL_STRT	
9030	1839965.83	6300870.85		CALCD_CL_STRT	
9031	1839961.31	6301178.59		CALCD_CL_STRT	
9032	1840056.30	6301179.98		CALCD_RAD_PT	
9033	1840054.89	6301274.97		CALCD_CL_STRT	
9034	1840121.72	6301275.95		CALCD_CL_STRT	
9035	1840123.28	6301180.96		CALCD_RAD_PT	
9036	1840218.27	6301182.36		CALCD_CL_STRT	
9037	1840222.87	6300874.64		CALCD_CL_STRT	
9038	1840514.86	6300878.94		CALCD_CL_STRT	
9039	1840744.80	6300882.33		CALCD_CL_STRT	
9040	1840879.28	6300884.31		CALCD_CL_STRT	
9041	1840319.34	6300568.91		CALCD_RAD_PT	
9042	1840519.31	6300571.93		CALCD_CL_STRT	
9043	1840513.52	6300971.73		CALCD_CL_STRT	
9044	1837983.80	6300933.81		CALCD_RAD_PT	
9045	1840473.80	6301381.90		CALCD_CL_STRT	
9046	1841556.53	6301576.10		CALCD_RAD_PT	
9047	1840477.68	6301790.81		CALCD_CL_STRT	
9048	1839380.40	6302008.95		CALCD_RAD_PT	
9049	1840303.00	6301760.93		CALCD_CL_STRT	
9050	1839263.83	6302166.78		CALCD_CL_STRT	