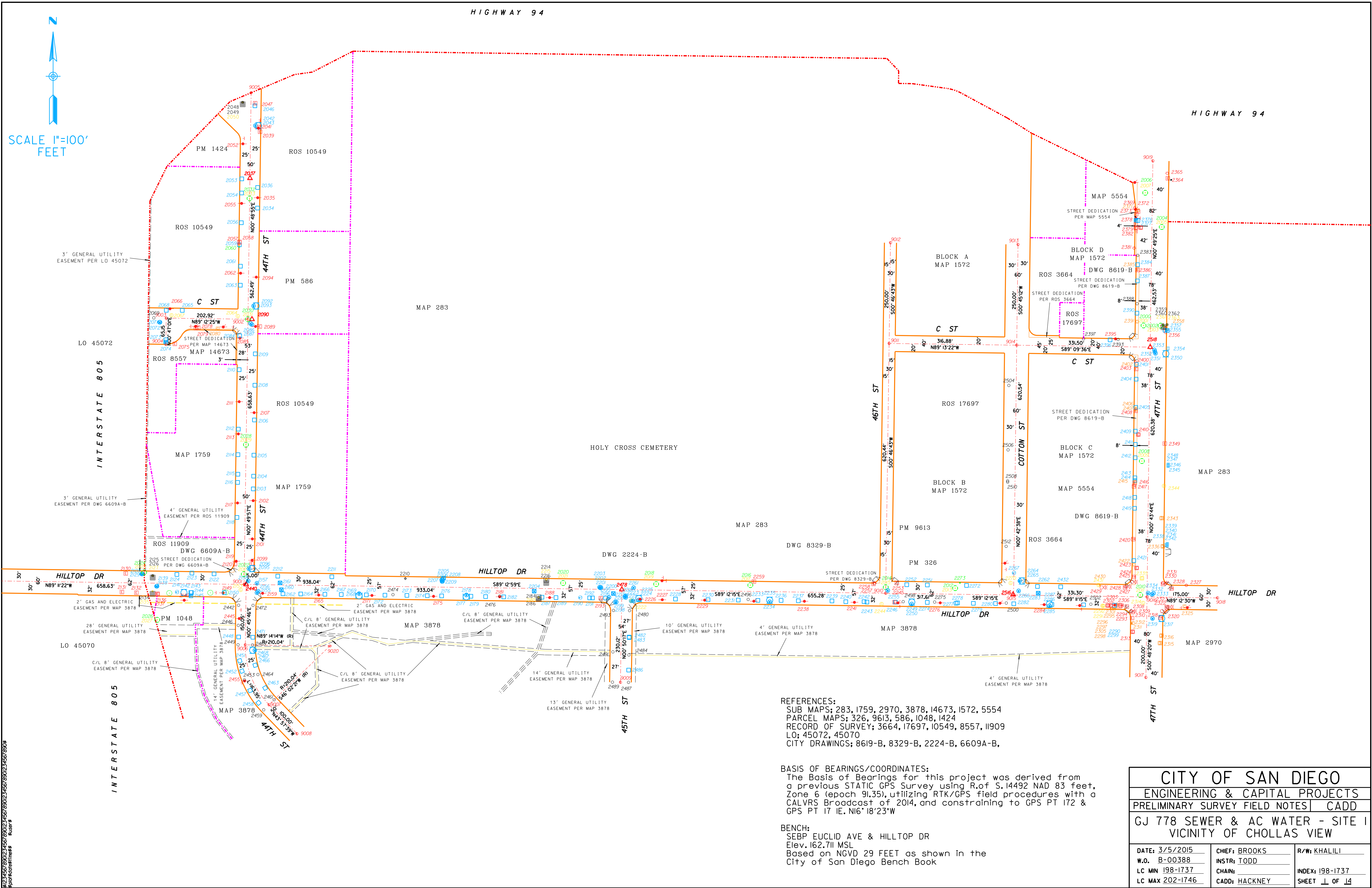




REFERENCES:
SUB MAPS: 283, 1759, 2970, 3878, 14673, 1572, 5554
PARCEL MAPS: 326, 9613, 586, 1048, 1424
RECORD OF SURVEY: 3664, 17697, 10549, 8557, 11909
LO: 45072, 45070
CITY DRAWINGS: 8619-B, 8329-B, 2224-B, 6609A-B,

BASIS OF BEARINGS/COORDINATES:
The Basis of Bearings for this project was derived from a previous STATIC GPS Survey using R.of S.14492 NAD 83 feet, Zone 6 (epoch 91.35),utilizing RTK/GPS field procedures with a CALVRS Broadcast of 2014, and constraining to GPS PT 172 & GPS PT 17 IE. N16°18'23"W

BENCH:
SEBP EUCLID AVE & HILLTOP DR
Elev.162.711 MSL
Based on NGVD 29 FEET as shown in the City of San Diego Bench Book

CITY OF SAN DIEGO		
ENGINEERING & CAPITAL PROJECTS		
PRELIMINARY SURVEY FIELD NOTES		CADD
GJ 778 SEWER & AC WATER - SITE I		
VICINITY OF CHOLLAS VIEW		
DATE: 3/5/2015	CHIEF: BROOKS	R/W: KHALILI
W.O. B-00388	INSTR: TODD	
LC MIN 198-1737	CHAIN:	INDEX: 198-1737
LC MAX 202-1746	CADD: HACKNEY	SHEET 1 OF 14

CHIEF: **BROOKS**
CHAIN:

INSTRUMENT: **TODD**
CADD: **HACKNEY**

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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 PT 17 ROS 14492
172	1841756.32	6296652.95	178.03	FOUND_GPS_POINT	GPS PT 172 ROS 14492
206	1840916.13	6304863.83	162.71	BENCH	SEBP HILLTOP/EUCLID(162.711)
2000	1841675.72	6302181.78	197.22	SWR_MH_RIM	J22S50
2001	1841675.73	6302181.78	189.24	SWR_MH_IE	3
2002	1841675.16	6302223.93	196.74	SWR_MH_RIM	J22S58
2003	1841675.17	6302223.93	189.84	SWR_MH_IE	3
2004	1841920.19	6302226.99	205.27	SWR_MH_RIM	J22S297
2005	1841920.20	6302226.99	190.99	SWR_MH_IE	2
2006	1842005.17	6302185.98	209.45	SWR_MH_RIM	J22S364
2007	1842005.18	6302185.98	199.85	SWR_MH_IE	2
2008	1841338.95	6302177.65	194.89	SWR_MH_RIM	J22S68
2009	1841338.96	6302177.65	187.54	SWR_MH_IE	2
2010	1841006.29	6302173.60	193.62	SWR_MH_RIM	J22S72
2011	1841006.30	6302173.60	185.82	SWR_MH_IE	2
2012	1841023.38	6301714.02	194.87	SWR_MH_RIM	J22S755
2013	1841023.39	6301714.02	188.93	SWR_MH_IE	2
2014	1841025.73	6301541.65	190.34	SWR_MH_RIM	J22S350
2015	1841025.74	6301541.65	174.34	SWR_MH_IE	3
2016	1841030.83	6301205.47	183.86	SWR_MH_RIM	J22S352
2017	1841030.84	6301205.47	172.84	SWR_MH_IE	2
2018	1841033.44	6300971.62	174.33	SWR_MH_RIM	J22S356
2019	1841033.45	6300971.62	166.21	SWR_MH_IE	2
2020	1841036.08	6300740.59	166.17	SWR_MH_RIM	J22S355
2021	1841036.09	6300740.59	162.87	SWR_MH_IE	2
2022	1841058.25	6299947.64	176.74	SWR_MH_RIM	J22S347
2023	1841058.26	6299947.64	169.49	SWR_MH_IE	2
2024	1841062.50	6299700.21	169.97	SWR_MH_RIM	J22S348
2025	1841062.51	6299700.21	165.93	SWR_MH_IE	2
2026	1840944.72	6299732.73	169.52	SWR_MH_RIM	J22S133
2027	1840944.73	6299732.73	162.47	SWR_MH_IE	2
2028	1841379.50	6299952.96	179.66	SWR_MH_RIM	J22S80
2029	1841379.51	6299952.96	173.94	SWR_MH_IE	2
2030	1841691.16	6299957.76	191.59	SWR_MH_RIM	J22S84
2031	1841691.17	6299957.76	184.23	SWR_MH_IE	3
2032	1841991.17	6299961.90	200.14	SWR_MH_RIM	J22S83
2033	1841991.18	6299961.90	187.94	SWR_MH_IE	2
2034	1841967.16	6299981.62	200.69	WTR_METER	
2035	1841992.84	6299982.16	200.59	UTILITY_POLE	W/STREET LIGHT
2036	1842018.27	6299981.95	200.36	WTR_METER	
2037	1842041.22	6299962.95	198.68	FD_WEL_MON	PUNCH HOLE C/L
2038	1842041.21	6299962.95	198.68	CHECK_POINT	2037
2039	1842156.69	6299988.16	193.39	ELEC_METER	
2040	1842165.69	6299983.98	192.89	ELEC_POLE_WUG	W/STREET LIGHT

CHIEF: **BROOKS**
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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
2041	1842168.49	6299985.59	192.91	ELEC_PB	
2042	1842171.56	6299983.93	192.20	FIRE_HYDRANT	
2043	1842171.91	6299976.45	192.34	WTR_GATE_VALVE	
2044	1842181.42	6299984.57	191.97	DEADMAN	
2045	1842186.07	6299984.83	191.88	DEADMAN	
2046	1842220.98	6299975.26	189.76	WTR_METER	
2047	1842227.43	6299975.87	189.82	ELEC_PB	
2048	1842231.10	6299944.87	188.56	SD_INLET_TC	
2049	1842229.82	6299944.83	188.20	SD_GRATE_INLET	
2050	1842229.83	6299944.83	185.30	SD_IE	
2051	1842140.27	6299944.92	193.43	DEADMAN	
2052	1842126.67	6299945.46	194.46	UTILITY_POLE	
2053	1842039.62	6299942.59	198.58	WTR_METER	ABANDONED
2054	1842004.60	6299942.16	199.31	WTR_METER	ABANDONED
2055	1841978.76	6299942.15	199.46	UTILITY_POLE	
2056	1841930.80	6299941.61	198.68	WTR_METER	ABANDONED
2057	1841883.39	6299936.66	197.41	ELEC_PB	
2058	1841881.47	6299936.62	197.35	ELEC_PB	
2059	1841875.81	6299936.59	197.12	WTR_METER	
2060	1841870.76	6299936.10	196.68	SWR_CO	
2061	1841822.83	6299939.43	195.71	WTR_METER	ABANDONED
2062	1841805.45	6299939.74	195.04	UTILITY_POLE	
2063	1841775.57	6299939.16	194.35	WTR_METER	ABANDONED
2064	1841698.99	6299932.69	191.02	GAS_GATE_VALVE	
2065	1841713.05	6299794.87	196.00	WTR_METER	
2066	1841717.04	6299764.27	197.07	UTILITY_POLE	W/STREET LIGHT
2067	1841700.96	6299768.19	196.74	GAS_GATE_VALVE	
2068	1841713.37	6299755.14	197.32	WTR_METER	
2069	1841694.49	6299724.23	198.23	FD_RW_PL_PT	L/D UNREADABLE (NOT HELD)
2070	1841694.48	6299724.22	198.26	CHECK_POINT	2069
2071	1841683.63	6299738.55	197.29	WTR_GATE_VALVE	
2072	1841683.60	6299739.48	197.29	WTR_GATE_VALVE	
2073	1841640.03	6299753.92	195.83	WTR_METER	
2074	1841634.52	6299753.80	195.43	WTR_BK_FLW_PRV	
2075	1841630.04	6299776.38	195.00	TRANSFORMER	
2076	1841673.52	6299811.97	194.77	DEADMAN	
2077	1841673.49	6299827.92	193.92	ELEC_POLE_WUG	W/STREET LIGHT
2078	1841669.30	6299828.53	194.09	ELEC_PB	
2079	1841670.00	6299834.49	193.77	ELEC_METER	
2080	1841668.04	6299882.73	192.01	CABLE_TV_RISER	
2081	1841671.92	6299896.66	191.71	ELEC_POLE_WUG	
2082	1841671.98	6299917.59	191.09	DEADMAN	
2083	1841667.73	6299933.57	190.06	PED_RAMP_CURV	
2084	1841650.10	6299937.54	189.60	WTR_METER	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
2085	1841644.44	6299938.11	189.35	UTILITY_POLE	
2086	1841680.70	6299964.33	191.07	WTR_GATE_VALVE	
2087	1841677.66	6299967.97	191.01	WTR_GATE_VALVE	
2088	1841673.10	6299976.85	191.03	ELEC_POLE_WUG	W/STREET LIGHT
2089	1841673.12	6299987.44	191.14	ELEC_METER	
2090	1841691.01	6299967.96	190.99	FD_WEL_MON	PUNCH HOLE 10' C/LXC/L
2091	1841691.02	6299967.95	191.01	CHECK_POINT	2090
2092	1841724.16	6299971.96	192.85	WTR_GATE_VALVE	
2093	1841724.05	6299978.42	193.07	FIRE_HYDRANT	
2094	1841795.63	6299978.66	195.22	UTILITY_POLE	W/STREET LIGHT
2095	1841071.87	6299960.53	177.62	WTR_GATE_VALVE	
2096	1841071.88	6299968.62	178.01	FIRE_HYDRANT	
2097	1841059.15	6299971.80	177.57	PED_RAMP_CURV	ADA
2098	1841078.35	6299968.55	177.96	DEADMAN	
2099	1841084.25	6299967.59	177.95	ELEC_METER	
2100	1841092.70	6299968.36	178.17	ELEC_POLE_WUG	
2101	1841145.63	6299968.96	178.56	UTILITY_POLE	
2102	1841240.61	6299971.01	178.80	UTILITY_POLE	
2103	1841269.85	6299971.19	179.11	WTR_METER	
2104	1841301.45	6299971.94	179.08	WTR_METER	
2105	1841353.55	6299972.76	179.69	WTR_METER	
2106	1841440.92	6299973.88	180.72	WTR_METER	
2107	1841459.12	6299973.31	181.26	UTILITY_POLE	
2108	1841527.19	6299975.17	183.66	WTR_METER	
2109	1841605.11	6299976.15	187.54	WTR_METER	
2110	1841565.88	6299936.27	185.27	WTR_METER	
2111	1841486.37	6299936.14	181.87	UTILITY_POLE	
2112	1841418.19	6299934.19	180.15	WTR_METER	
2113	1841406.30	6299934.07	179.64	UTILITY_POLE	W/STREET LIGHT
2114	1841354.82	6299933.16	179.13	WTR_METER	
2115	1841306.19	6299932.94	178.18	WTR_METER	
2116	1841285.91	6299932.36	178.67	WTR_METER	
2117	1841234.86	6299931.98	177.87	UTILITY_POLE	
2118	1841199.00	6299930.67	177.75	WTR_METER	
2119	1841090.25	6299928.76	177.14	UTILITY_POLE	
2120	1841083.26	6299925.77	176.93	ELEC_PB	
2121	1841058.96	6299925.36	176.17	PED_RAMP_CURV	ADA
2122	1841058.75	6299873.82	174.79	WTR_METER	
2123	1841060.73	6299818.77	172.59	WTR_METER	
2124	1841057.29	6299781.43	171.25	WTR_METER	
2125	1841055.91	6299721.41	170.01	SD_INLET_TC	
2126	1841054.56	6299721.45	169.45	SD_GRATE_INLET	
2127	1841054.57	6299721.45	165.75	SD_IE	
2128	1841058.65	6299695.69	169.73	WTR_GATE_VALVE	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
2129	1841058.56	6299694.34	169.72	WTR_GATE_VALVE	
2130	1841059.91	6299654.43	169.56	ELEC_PB	
2131	1841013.78	6299645.05	169.56	ELEC_PB	
2132	1841012.08	6299680.93	169.74	ELEC_PB	
2133	1840988.93	6301662.95	193.08	CHECK_POINT	2275
2134	1841015.67	6299721.09	170.34	SD_INLET_TC	
2135	1841015.68	6299721.09	166.84	SD_IE	
2136	1841008.94	6299732.32	170.70	ELEC_PB	
2137	1841009.19	6299733.85	170.61	ELEC_PB	
2138	1841028.07	6299730.94	170.52	WTR_GATE_VALVE	
2139	1841028.10	6299732.21	170.53	WTR_GATE_VALVE	
2140	1841010.99	6299762.90	171.03	TREE_BUSH	72IN EUC
2141	1841013.78	6299781.97	171.41	WTR_TEST_STA	
2142	1841012.47	6299799.10	171.74	FIRE_HYDRANT	
2143	1841012.56	6299816.14	172.50	WTR_METER	
2144	1841012.43	6299817.76	172.50	WTR_METER	
2145	1841004.38	6299816.43	172.53	WTR_BK_FLW_PRV	
2146	1840993.36	6299799.76	172.64	UTILITY_POLE	W/STREET LIGHT
2147	1841012.11	6299874.88	174.09	DEADMAN	
2148	1841011.80	6299864.69	173.87	TREE_BUSH	24IN PEPPER
2149	1841011.68	6299896.14	174.80	UTILITY_POLE	
2150	1841012.11	6299899.15	175.53	WTR_METER	
2151	1841012.74	6299903.17	174.94	TREE_BUSH	24IN PEPPER
2152	1841002.22	6299934.11	175.82	PED_RAMP_CURV	ADA
2153	1841019.21	6299939.87	176.64	GAS_GATE_VALVE	
2154	1841005.56	6299976.93	176.87	PED_RAMP_CURV	ADA
2155	1841012.13	6299980.30	177.30	WTR_GATE_VALVE	
2156	1841015.68	6299983.29	177.90	WTR_GATE_VALVE	
2157	1841035.48	6299980.30	178.37	WTR_GATE_VALVE	
2158	1841041.21	6299958.68	177.59	WTR_GATE_VALVE	
2159	1841010.65	6299994.25	177.99	UTILITY_POLE	W/STREET LIGHT
2160	1841019.33	6300040.99	179.11	WTR_MH_VAULT	
2161	1841036.39	6300037.76	179.42	WTR_MH_VAULT	
2162	1841009.31	6300044.98	179.03	WTR_METER	
2164	1841008.99	6300089.07	178.43	WTR_METER	
2165	1841006.26	6300133.63	176.85	UTILITY_POLE	
2166	1841008.13	6300149.06	175.80	WTR_METER	
2167	1841007.59	6300189.68	173.52	WTR_METER	
2168	1841005.49	6300233.49	171.18	FIRE_HYDRANT	
2169	1841009.81	6300234.04	170.70	WTR_GATE_VALVE	
2170	1841006.76	6300251.99	169.98	WTR_METER	
2171	1841005.24	6300265.87	169.65	UTILITY_POLE	
2172	1841005.88	6300298.12	168.45	WTR_METER	
2173	1841005.27	6300352.63	167.20	WTR_METER	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
2174	1841004.68	6300403.24	167.05	WTR_METER	
2175	1841003.12	6300418.77	167.21	UTILITY_POLE	W/STREET LIGHT
2176	1841004.13	6300438.92	167.03	WTR_METER	
2177	1841001.96	6300500.09	166.94	FIRE_HYDRANT	
2178	1841006.42	6300500.32	166.60	WTR_GATE_VALVE	
2179	1841003.29	6300511.50	166.85	WTR_METER	
2180	1841002.45	6300548.06	166.47	WTR_METER	
2181	1841001.95	6300583.01	166.21	UTILITY_POLE	
2182	1841001.74	6300593.09	166.19	WTR_METER	
2183	1841849.74	6302167.45	202.10	CHECK_POINT	2383
2184	1841000.50	6300679.79	165.58	SD_MANHOLE	
2185	1841000.51	6300679.79	161.18	SD_IE	
2186	1841002.54	6300680.08	165.60	SD_INLET_TC	
2187	1841000.93	6300688.11	165.18	WTR_METER	
2188	1840999.94	6300707.08	165.99	UTILITY_POLE	
2189	1840999.92	6300722.78	165.66	WTR_METER	
2190	1841000.10	6300783.23	166.90	WTR_TEST_STA	
2191	1840999.25	6300806.43	167.31	WTR_METER	
2192	1840999.14	6300813.45	167.70	WTR_METER	
2193	1840998.43	6300834.01	168.32	ELEC_METER	
2194	1840999.76	6300842.26	168.52	PED_RAMP_CURV	ADA
2195	1840998.85	6300845.88	168.80	WTR_METER	
2196	1841000.45	6300854.43	168.58	WTR_GATE_VALVE	
2197	1840994.36	6300861.46	169.35	PED_RAMP_CURV	ADA
2198	1840988.80	6300869.52	169.57	WTR_GATE_VALVE	
2199	1840988.89	6300872.64	169.76	WTR_GATE_VALVE	
2200	1841010.00	6300865.29	169.59	WTR_MH_VAULT	
2201	1841025.36	6300834.35	168.56	WTR_GATE_VALVE	
2202	1841024.14	6300832.78	168.58	WTR_GATE_VALVE	
2203	1841025.61	6300830.99	168.46	WTR_GATE_VALVE	
2204	1841015.90	6300668.73	166.02	WTR_MH_VAULT	
2205	1841048.21	6300443.57	167.77	WTR_MH_VAULT	
2206	1841044.01	6300441.15	167.39	WTR_GATE_VALVE	
2207	1841044.05	6300439.03	167.41	WTR_GATE_VALVE	
2208	1841040.16	6300440.93	167.58	WTR_GATE_VALVE	
2209	1841040.04	6300439.78	167.59	WTR_GATE_VALVE	
2210	1841047.20	6300348.82	168.44	SD_SIDEWALK_DRAIN	
2211	1841051.50	6300166.25	175.53	WTR_METER	
2212	1841053.14	6300031.95	179.26	WTR_METER	
2214	1841044.43	6300698.75	165.95	SD_MANHOLE	
2215	1841044.44	6300698.75	162.35	SD_IE	
2216	1841042.43	6300698.63	165.95	SD_INLET_TC	
2217	1841000.22	6300895.91	169.95	WTR_GATE_VALVE	
2218	1841002.76	6300894.32	170.17	WTR_GATE_VALVE	

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
2219	1841004.55	6300895.74	170.29	WTR_GATE_VALVE	
2220	1840986.61	6300907.03	170.23	PED_RAMP_CURV	ADA
2221	1840991.88	6300909.59	170.22	WTR_GATE_VALVE	
2222	1840992.53	6300910.49	170.26	GAS_GATE_VALVE	
2223	1840991.81	6300914.35	170.70	WTR_GATE_VALVE	
2224	1840994.10	6300928.64	171.75	WTR_GATE_VALVE	
2225	1840997.63	6300928.73	171.38	FIRE_HYDRANT	
2226	1840996.04	6300931.63	172.13	UTILITY_POLE	W/STREET LIGHT
2227	1840994.54	6300986.76	175.82	UTILITY_POLE	
2228	1840996.30	6301019.52	177.57	WTR_METER	
2229	1840993.64	6301092.06	181.19	UTILITY_POLE	
2230	1840994.64	6301100.35	181.68	WTR_METER	
2231	1840993.77	6301175.47	183.34	WTR_METER	
2232	1840990.97	6301214.12	183.99	ELEC_POLE_WUG	W/STREET LIGHT
2233	1840992.98	6301224.13	183.89	WTR_METER	
2234	1840989.59	6301253.53	184.39	WTR_GATE_VALVE	
2235	1840993.21	6301253.40	184.36	FIRE_HYDRANT	
2236	1840992.79	6301281.77	185.77	WTR_METER	
2237	1840991.98	6301324.60	185.18	WTR_METER	
2238	1840990.79	6301339.68	185.53	UTILITY_POLE	
2239	1840991.56	6301408.03	186.72	WTR_METER	
2240	1840989.70	6301442.53	187.70	WTR_METER	
2241	1840988.19	6301463.87	188.48	UTILITY_POLE	
2242	1840989.84	6301487.83	188.89	WTR_METER	
2243	1840988.85	6301494.90	189.17	WTR_METER	
2244	1840983.90	6301531.23	190.40	GAS_GATE_VALVE	
2245	1840988.44	6301563.43	191.03	ELEC_PB	
2246	1840988.62	6301565.61	191.02	WTR_METER	
2247	1840986.79	6301572.04	191.35	ELEC_POLE_WUG	W/STREET LIGHT
2248	1840977.88	6301572.36	191.63	DEADMAN	
2249	1840984.01	6301606.13	192.33	WTR_GATE_VALVE	
2250	1840988.81	6301606.29	191.97	FIRE_HYDRANT	
2251	1841031.24	6301644.89	192.96	WTR_METER	
2252	1841031.86	6301593.83	191.81	WTR_METER	
2253	1841036.32	6301569.29	191.35	ELEC_PB	
2254	1841035.22	6301559.38	190.48	PED_RAMP_CURV	ADA
2255	1841017.65	6301546.66	190.73	WTR_GATE_VALVE	
2256	1841037.95	6301522.81	189.42	PED_RAMP_CURV	ADA
2257	1841035.07	6301514.18	189.63	STREET_LIGHT	
2258	1841033.98	6301511.32	189.61	ELEC_PB	
2259	1841039.83	6301214.33	184.37	ELEC_PB	
2260	1841041.65	6300986.05	175.50	ANCHOR_POLE	
2261	1841024.55	6300915.60	171.13	WTR_GATE_VALVE	
2262	1841027.54	6301918.33	199.33	WTR_METER	

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2263	1841031.56	6301883.84	198.76	PED_RAMP_CURV	ADA
2264	1841041.13	6301879.85	199.31	FIRE_HYDRANT	
2265	1841041.52	6301874.58	199.01	WTR_GATE_VALVE	
2266	1841016.55	6301871.62	198.99	WTR_GATE_VALVE	
2267	1841061.34	6301860.04	199.59	WTR_TEST_STA	
2268	1841085.37	6301837.53	200.01	ELEC_POLE_WUG	
2269	1841069.79	6301836.68	199.67	DEADMAN	
2270	1841036.23	6301851.74	198.47	GAS_GATE_VALVE	
2271	1841032.65	6301835.24	197.97	PED_RAMP_CURV	ADA
2272	1841030.06	6301742.31	195.84	WTR_METER	
2273	1841036.51	6301725.80	195.94	SWR_CO	
2274	1840987.95	6301644.82	192.90	WTR_METER	
2275	1840988.93	6301662.95	193.10	FD_RW_PL_PT	L/ SDCED 11.95' xLL
2276	1840986.89	6301676.93	193.89	UTILITY_POLE	
2277	1840985.94	6301716.30	194.89	WTR_METER	
2278	1840986.80	6301719.96	194.97	WTR_METER	
2279	1840985.69	6301759.20	195.96	WTR_METER	
2280	1840985.22	6301814.39	197.37	WTR_METER	
2281	1840986.00	6301825.44	197.68	ELEC_POLE_WUG	W/STREET LIGHT
2282	1840984.55	6301859.51	198.63	WTR_METER	
2283	1841010.79	6301920.22	199.50	WTR_MH_VAULT	
2284	1840982.38	6301934.96	199.36	UTILITY_POLE	
2285	1840979.39	6301948.02	199.39	WTR_GATE_VALVE	
2286	1840983.75	6301948.00	199.06	FIRE_HYDRANT	
2287	1840982.79	6301954.08	199.06	WTR_METER	
2288	1840980.20	6302023.22	198.00	ELEC_POLE_WUG	
2289	1840970.81	6302023.73	198.49	DEADMAN	
2290	1840981.94	6302032.85	197.63	WTR_METER	
2291	1840979.36	6302079.84	196.49	GAS_GATE_VALVE	
2292	1840979.31	6302081.82	196.41	GAS_GATE_VALVE	
2293	1840980.31	6302092.68	196.17	ELEC_MH_VAULT	
2294	1840980.32	6302100.43	195.96	ELEC_MH_VAULT	
2295	1840973.73	6302104.81	195.64	TELEPHONE_RISER	
2296	1840973.76	6302112.15	195.54	TELEPHONE_RISER	
2297	1840973.08	6302108.88	195.73	TELEPHONE_PB	
2298	1840973.94	6302099.70	196.00	TELEPHONE_PB	
2299	1840980.73	6302109.66	195.68	WTR_METER	
2300	1840981.44	6302110.28	195.56	ELEC_POLE_WUG	
2301	1840981.36	6302115.88	195.61	CABLE_TV_PB	
2302	1840979.78	6302121.63	195.58	TRAF_SIG_RISER	
2303	1840980.19	6302125.40	195.37	TRAF_SIG_PB	
2304	1840980.87	6302128.03	195.19	DEADMAN	
2305	1840970.98	6302135.14	194.52	TELEPHONE_RISER	
2306	1840977.39	6302140.33	194.36	ELEC_PB	

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2307	1840975.78	6302148.83	193.53	PED_RAMP_CURV	ADA
2308	1840966.02	6302151.10	192.63	TRAFFIC_SIGNAL	W/STREET LIGHT
2309	1840963.84	6302153.70	193.05	ELEC_PB	
2310	1840949.23	6302153.14	192.23	ELEC_METER	
2311	1840936.06	6302152.33	191.95	TELEPHONE_RISER	
2312	1840936.52	6302155.21	191.92	CABLE_TV_PB	
2313	1840915.09	6302154.68	191.43	ELEC_MH_VAULT	
2314	1840986.67	6302180.50	193.46	GAS_GATE_VALVE	
2315	1840886.94	6302222.61	190.61	TELE_MH_VAULT	
2316	1840905.50	6302226.33	191.10	TELE_MH_VAULT	
2317	1840948.11	6302226.82	192.25	FIRE_HYDRANT	
2318	1840950.00	6302223.66	192.33	TRAF_SIG_PB	
2319	1840948.04	6302204.09	192.41	WTR_GATE_VALVE	
2320	1840966.33	6302227.76	192.41	TRAFFIC_SIGNAL	
2321	1840973.72	6302231.69	192.20	PED_RAMP_CURV	ADA
2322	1840976.39	6302239.50	192.57	TRAF_SIG_PB	
2323	1840976.71	6302242.82	192.64	TRAFFIC_SIGNAL	W/STREET LIGHT
2324	1840974.50	6302271.66	192.29	DEADMAN	
2325	1840978.15	6302283.26	192.34	CABLE_TV_PB	
2326	1840974.90	6302290.37	192.01	ELEC_POLE_WUG	
2327	1841030.10	6302288.09	192.69	STREET_LIGHT	
2328	1841022.39	6302251.10	192.58	TRAF_SIG_PB	
2329	1841024.67	6302238.04	192.50	PED_RAMP_CURV	ADA
2330	1841033.59	6302230.10	192.95	TRAF_SIG_PB	
2331	1841036.08	6302230.34	193.32	TRAFFIC_SIGNAL	W/STREET LIGHT
2332	1841010.72	6302206.66	193.58	WTR_GATE_VALVE	
2333	1841007.73	6302202.87	193.62	WTR_GATE_VALVE	
2334	1841011.02	6302193.11	193.71	WTR_GATE_VALVE	
2335	1841047.97	6302177.83	194.00	GAS_MH_VAULT	
2336	1841127.23	6302229.75	193.93	TELE_MH_VAULT	
2337	1841115.51	6302241.64	192.79	PED_RAMP	ADA
2338	1841128.82	6302240.59	193.30	IRR_CONT_BOX	
2339	1841130.40	6302240.50	193.35	IRR_CONT_BOX	
2340	1841132.27	6302240.64	193.39	IRR_CONT_BOX	
2341	1841133.60	6302240.75	193.41	IRR_CONT_BOX	
2342	1841130.41	6302236.27	193.62	IRR_CONT_BOX	
2343	1841197.24	6302226.86	194.12	TELE_MH_VAULT	
2344	1841277.30	6302232.53	194.49	GAS_GATE_VALVE	
2345	1841326.30	6302242.91	193.91	IRR_CONT_BOX	
2346	1841327.72	6302242.93	193.93	IRR_CONT_BOX	
2347	1841329.21	6302243.03	193.94	IRR_CONT_BOX	
2348	1841330.87	6302243.07	194.00	IRR_CONT_BOX	
2349	1841382.30	6302234.61	194.44	TRANSFORMER	
2350	1841605.35	6302237.07	195.78	FIRE_HYDRANT	

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Pt. #	Northing	Easting	Elevation	Feature	Description
2351	1841606.41	6302211.41	195.91	WTR_GATE_VALVE	
2352	1841610.38	6302210.12	195.97	WTR_GATE_VALVE	
2353	1841614.76	6302208.93	196.09	WTR_GATE_VALVE	
2354	1841618.79	6302242.67	196.27	IRR_CONT_BOX	
2355	1841663.22	6302240.73	196.70	WTR_BK_FLW_PRV	
2356	1841658.20	6302236.68	196.51	STREET_LIGHT	
2357	1841663.95	6302235.05	196.48	WTR_METER	
2358	1841669.05	6302236.19	196.65	TELE_MH_VAULT	
2359	1841677.58	6302231.12	196.89	SD_INLET_TC	
2360	1841677.56	6302230.17	196.22	SD_GRATE_INLET	
2361	1841677.57	6302230.17	191.52	SD_IE	
2362	1841677.63	6302240.17	196.31	SD_GRATE_INLET	
2363	1841677.64	6302240.17	194.61	SD_IE	
2364	1842041.00	6302242.12	211.55	ELEC_PB	
2365	1842053.23	6302240.67	212.30	STREET_LIGHT	
2366	1842037.47	6302250.68	210.82	MISC_POINT_FEAT	3"RISER ?
2367	1842036.82	6302250.15	210.85	MISC_POINT_FEAT	3"RISER ?
2368	1842030.73	6302159.89	210.29	ELEC_POLE_WUG	W/STREET LIGHT
2369	1841967.02	6302159.61	206.82	STREET_LIGHT	
2370	1841963.92	6302161.86	206.94	ELEC_POLE_WUG	
2371	1841961.91	6302167.86	207.33	CABLE_TV_PB	
2372	1841958.38	6302168.14	207.13	ELEC_PB	
2373	1841951.80	6302163.76	205.84	TRANSFORMER	
2374	1841945.84	6302161.12	206.60	MISC_POINT_FEAT	6"POLE ?
2375	1841942.16	6302162.74	206.05	ANCHOR_POLE	
2376	1841937.08	6302163.20	206.08	WTR_BK_FLW_PRV	
2377	1841936.24	6302167.74	206.06	WTR_METER	
2378	1841926.56	6302162.34	205.23	TRANSFORMER	
2379	1841917.45	6302162.61	205.31	ELEC_MH_VAULT	
2380	1841908.17	6302161.62	204.51	DEADMAN	
2381	1841867.41	6302158.49	203.21	STREET_LIGHT	
2382	1841918.58	6302174.72	204.86	ELEC_MH_VAULT	
2383	1841849.72	6302167.48	202.14	FD_RW_PL_PT	LD LS 2554 4'xSUB
2384	1841826.60	6302166.82	201.43	WTR_METER	
2385	1841816.30	6302166.92	201.09	CABLE_TV_PB	
2386	1841813.15	6302166.46	201.36	ELEC_PB	
2387	1841786.26	6302166.42	200.15	WTR_METER	
2388	1841729.72	6302165.75	198.67	FD_RW_PL_PT	L/D LS 5036 4'xLL
2389	1841729.72	6302165.76	198.62	CHECK_POINT	2388
2390	1841706.18	6302165.24	197.73	WTR_METER	
2391	1841685.15	6302164.68	197.28	CABLE_TV_PB	
2392	1841642.49	6302160.00	195.45	PED_RAMP_CURV	ADA
2393	1841641.00	6302118.59	194.89	FD_RW_PL_PT	L/D LS 5036 2'xLL
2394	1841641.00	6302118.59	194.89	CHECK_POINT	2393

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2395	1841642.39	6302112.14	194.71	UTILITY_POLE	
2396	1841639.88	6302098.68	193.88	WTR_METER	
2397	1841642.26	6302032.84	192.42	FD_RW_PL_PT	L/D RCE 11073 2'xSUB
2398	1841642.27	6302032.84	192.38	CHECK_POINT	2397
2399	1841602.30	6302159.95	195.12	PED_RAMP_CURV	ADA
2400	1841584.95	6302161.66	195.54	STREET_LIGHT	
2401	1841578.86	6302163.91	195.39	WTR_METER	
2402	1841574.42	6302163.76	195.26	CABLE_TV_PB	
2403	1841567.48	6302163.31	195.35	ELEC_PB	
2404	1841542.30	6302163.36	195.27	WTR_METER	
2405	1841472.20	6302162.53	194.99	WTR_METER	
2406	1841469.30	6302162.44	194.96	CABLE_TV_PB	
2407	1841466.65	6302162.39	195.04	CABLE_TV_PB	
2408	1841463.60	6302162.14	195.01	ELEC_PB	
2409	1841413.18	6302161.31	194.93	WTR_METER	
2410	1841404.86	6302168.72	194.66	ELEC_MH_VAULT	
2411	1841380.26	6302161.34	194.86	WTR_METER	
2412	1841347.24	6302160.97	194.61	WTR_METER	
2413	1841297.35	6302160.32	194.61	WTR_METER	
2414	1841290.47	6302160.32	194.54	WTR_METER	
2415	1841287.72	6302160.21	194.57	CABLE_TV_PB	
2416	1841284.60	6302159.90	194.55	ELEC_PB	
2417	1841275.92	6302157.90	194.55	TRAF_SIG_PB	
2418	1841248.71	6302159.87	194.46	WTR_METER	
2419	1841221.71	6302159.47	194.10	WTR_METER	
2420	1841144.95	6302156.22	194.13	TRAF_SIG_PB	
2421	1841091.80	6302157.51	194.20	WTR_METER	
2422	1841081.56	6302157.04	194.14	CABLE_TV_PB	
2423	1841073.48	6302164.71	193.87	ELEC_MH_VAULT	
2424	1841051.29	6302157.64	194.05	TRAF_SIG_PB	
2425	1841038.83	6302153.37	194.34	TRAFFIC_SIGNAL	
2426	1841030.87	6302149.46	193.84	PED_RAMP_CURV	ADA
2427	1841026.88	6302138.26	195.08	TRAFFIC_SIGNAL	W/STREET LIGHT
2428	1841024.96	6302135.77	194.90	TRAF_SIG_PB	
2429	1841025.20	6302077.72	196.38	TRAFFIC_SIGNAL	
2430	1841030.20	6302073.52	196.96	TELEPHONE_PB	
2431	1841031.08	6302070.16	197.00	GAS_GATE_VALVE	
2432	1841026.56	6301976.03	199.02	WTR_METER	
2433	1841012.22	6298485.15	163.79	CHECK_POINT	201
2434	1841021.83	6298482.43	164.26	FD_RW_PL_PT	L/D SDCS (OFF SITE)
2435	1841021.84	6298482.46	164.22	CHECK_POINT	2434
2436	1841022.28	6298518.62	163.69	FD_RW_PL_PT	L/D SDCS (OFF SITE)
2437	1841022.26	6298518.60	163.70	CHECK_POINT	2436
2438	1841018.82	6298768.75	159.30	FD_RW_PL_PT	L/D SDCS (OFF SITE)

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2439	1841018.82	6298768.75	159.31	CHECK_POINT	2438
2440	1841032.52	6299953.39	176.17	FD_WEL_MON	PUNCH HOLE C/LxL
2441	1841032.53	6299953.41	176.21	CHECK_POINT	2440
2442	1840980.96	6299934.69	175.09	FD_RW_PL_PT	L/ SDCED 7"xPC
2443	1840980.98	6299934.69	175.05	CHECK_POINT	2442
2444	1840969.22	6299936.78	174.29	DEADMAN	
2445	1840947.84	6299936.29	173.55	UTILITY_POLE	
2446	1840930.93	6299933.97	172.90	FD_RW_PL_PT	L/ SDCED 7"xLL
2447	1840930.91	6299933.97	172.86	CHECK_POINT	2446
2448	1840902.19	6299934.78	171.49	WTR_METER	
2449	1840882.83	6299933.37	170.75	FD_RW_PL_PT	L/ SDCED 7"xPC
2450	1840882.80	6299933.38	170.77	CHECK_POINT	2449
2451	1840843.07	6299937.55	168.90	WTR_METER	
2452	1840817.46	6299943.15	167.93	WTR_METER	
2453	1840795.66	6299949.23	167.06	FD_RW_PL_PT	L/ SDCED 7"xLL
2454	1840795.66	6299949.25	167.03	CHECK_POINT	2453
2455	1840792.94	6299949.48	167.05	UTILITY_POLE	
2456	1840788.16	6299939.18	166.97	DEADMAN	
2457	1840769.29	6299963.38	165.94	WTR_METER	
2458	1840738.48	6299984.26	164.58	WTR_METER	
2459	1840721.33	6299997.14	164.06	FD_RW_PL_PT	L/ SDCED 7"xPC
2460	1840721.33	6299997.15	164.06	CHECK_POINT	2459
2461	1840746.31	6300023.02	163.69	FD_RW_PL_PT	L/ SDCED 7"xPC
2462	1840746.29	6300023.04	163.67	CHECK_POINT	2461
2463	1840775.42	6300000.77	165.27	WTR_METER	
2464	1840808.89	6299982.73	166.98	FD_RW_PL_PT	L/ SDCED 7"xLL
2465	1840808.89	6299982.75	166.98	CHECK_POINT	2464
2466	1840831.93	6299976.04	168.11	WTR_METER	
2467	1840869.15	6299975.13	170.58	WTR_GATE_VALVE	
2468	1840869.19	6299969.71	169.93	FIRE_HYDRANT	
2469	1840882.25	6299969.34	170.66	FD_RW_PL_PT	L/ SDCED 7"xPC
2470	1840882.24	6299969.33	170.65	CHECK_POINT	2469
2471	1840901.48	6299970.06	171.52	WTR_METER	
2472	1840980.58	6299970.63	175.20	FD_RW_PL_PT	L/ SDCED 7"xPC
2473	1840980.59	6299970.63	175.22	CHECK_POINT	2472
2474	1841007.25	6300318.09	168.14	FD_RW_PL_PT	L/ SDCED 11.75"xLL
2475	1841007.24	6300318.09	168.14	CHECK_POINT	2474
2476	1841003.62	6300583.07	166.38	FD_RW_PL_PT	L/ SDCED 11.75"xLL
2477	1841003.62	6300583.07	166.36	CHECK_POINT	2476
2478	1841019.76	6300886.30	168.81	FD_WEL_MON	PUNCH HOLE C/LxL
2479	1841019.76	6300886.30	168.80	CHECK_POINT	2478
2480	1840967.55	6300905.53	170.81	FD_RW_PL_PT	L/ SDCED 7"xPC
2481	1840967.57	6300905.54	170.83	CHECK_POINT	2480
2482	1840901.90	6300904.51	171.73	WTR_METER	

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CHAIN:

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CADD: **HACKNEY**

WORK ORDER: **B-00388**
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SURVEY DATE: **3/5/2015**

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PRELIMINARY FIELD SURVEY NOTES

Pt. #	Northing	Easting	Elevation	Feature	Description
2483	1840900.69	6300904.59	171.72	WTR_METER	
2484	1840857.47	6300903.94	172.17	FD_RW_PL_PT	L/ SDCED 7'xLL
2485	1840857.46	6300903.95	172.19	CHECK_POINT	2484
2486	1840819.86	6300903.28	172.66	WTR_METER	
2487	1840789.48	6300902.93	172.62	FD_RW_PL_PT	L/ SDCED 7'xPC
2488	1840789.47	6300902.92	172.60	CHECK_POINT	2487
2489	1840789.96	6300863.02	172.54	FD_RW_PL_PT	L/ SDCED 7'xPC
2490	1840789.93	6300863.03	172.58	CHECK_POINT	2489
2491	1840865.09	6300864.19	172.22	FD_RW_PL_PT	L/T 7'xLL
2492	1840865.09	6300864.17	172.27	CHECK_POINT	2491
2493	1840968.02	6300865.63	170.69	FD_RW_PL_PT	L/ SDCED 7'xPC
2494	1840968.02	6300865.64	170.71	CHECK_POINT	2493
2495	1841049.33	6300985.20	175.75	DEADMAN	
2496	1840995.33	6301200.01	183.35	FD_RW_PL_PT	L/ SDCED 11.95'xLL
2497	1840995.33	6301200.00	183.35	CHECK_POINT	2496
2498	1840989.90	6301584.98	191.24	FD_RW_PL_PT	L/ SDCED 11.85'xLL
2499	1840989.90	6301584.98	191.23	CHECK_POINT	2498
2500	1840986.42	6301840.97	198.26	FD_RW_PL_PT	L/ SDCED 11.85'xLL
2501	1840986.42	6301840.99	198.32	CHECK_POINT	2500
2502	1840983.53	6302050.99	196.90	FD_RW_PL_PT	L/D SDCED 11.95'xLL
2503	1840983.52	6302050.98	196.90	CHECK_POINT	2502
2504	1841526.75	6301847.34	191.55	FD_RW_PL_PT	LD RE 1534 11.75'xLL
2505	1841526.74	6301847.33	191.55	CHECK_POINT	2504
2506	1841366.71	6301845.39	201.11	FD_RW_PL_PT	LD RE 1534 11.75'xLL
2507	1841366.68	6301845.38	201.11	CHECK_POINT	2506
2508	1841289.59	6301844.31	204.01	FD_RW_PL_PT	LD RE 1534 11.75'xLL
2509	1841289.61	6301844.33	204.03	CHECK_POINT	2508
2510	1841286.75	6301844.37	204.07	FD_RW_PL_PT	LD RE 1534 11.75'xRW
2511	1841286.75	6301844.38	204.12	CHECK_POINT	2510
2512	1841127.17	6301840.58	201.01	FD_RW_PL_PT	L/H 9.95'xLL
2513	1841127.17	6301840.59	201.02	CHECK_POINT	2512
2514	1840974.62	6304176.40	168.38	FD_RW_PL_PT	2"IP DISK LS 2881 (OFF SITE)
2515	1840974.62	6304176.40	168.36	CHECK_POINT	2514
2516	1841007.63	6301857.79	198.38	FD_WEL_MON	3.5"BD NO PUNCH 1.35'x1.25' C/L
2517	1841007.60	6301857.82	198.29	CHECK_POINT	2516
2518	1841621.88	6302198.30	195.11	FD_WEL_MON	PUNCH HOLE C/LxL
2519	1841621.86	6302198.29	195.11	CHECK_POINT	2518
9000	1841041.91	6299289.83		CALCD_CL_STRT	
9001	1841032.59	6299948.39		CALCD_CL_STRT	
9002	1841691.15	6299957.96		CALCD_CL_STRT	
9003	1841693.96	6299755.06		CALCD_CL_STRT	
9004	1841628.82	6299754.17		CALCD_CL_STRT	
9005	1842253.59	6299965.97		CALCD_CL_STRT	
9006	1840882.49	6299951.39		CALCD_CL_STRT	

CHIEF: **BROOKS**
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PRELIMINARY FIELD SURVEY NOTES

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9007	1840733.89	6300010.23		CALCD_CL_STRT	
9008	1840661.91	6300079.64		CALCD_CL_STRT	
9009	1840789.67	6300882.98		CALCD_CL_STRT	
9010	1841010.66	6301541.56		CALCD_CL_STRT	
9011	1841631.04	6301549.99		CALCD_CL_STRT	
9012	1841881.02	6301553.39		CALCD_CL_STRT	
9013	1841876.72	6301870.12		CALCD_CL_STRT	
9014	1841626.74	6301866.84		CALCD_CL_STRT	
9015	1841006.35	6301859.14		CALCD_CL_STRT	
9016	1841001.55	6302190.40		CALCD_CL_STRT	
9017	1840801.57	6302187.59		CALCD_CL_STRT	
9018	1840999.13	6302365.39		CALCD_CL_STRT	
9019	1842084.36	6302204.95		CALCD_CL_STRT	
9020	1840879.69	6300161.42		CALCD_RAD_PT	R=210.04'