



PROGRESS PRINT
DATE: 9.19.2023
Not to be used for construction.
Hansen, Allen, & Luce, Inc.
Consultants/Engineers

NOTE:
MONUMENTS AND LOT PINS WERE NOT SURVEYED,
ALL BEARINGS AND DISTANCES FOLLOW PARCEL
BOUNDARIES AS AVAILABLE FROM THE COUNTY.

FILE NAME: PROJECTS\69 - HIGHLANDS WATER COMPANY\01-100 - GENERAL ENGINEERING SERVICES\SURVEY\SERVICE AREA LEGAL DESCRIPTION\FIGURE - FUTURE SERVICE AREA LEGAL DESCRIPTION.DWG 9.19.2023 17:07:38 (ABO)



HIGHLANDS WATER COMPANY – FUTURE SERVICE AREA

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Curve Table					
Curve #	Length	Radius	Delta	Chord Bearing	Chord Length
C1	527.45	718.20	042.08	S20° 55' 25.5"W	515.67
C2	218.15	441.85	028.29	S08° 47' 00.5"W	215.94
C3	510.03	356.71	081.92	S18° 04' 47.8"E	467.68
C4	428.29	1022.05	024.01	S57° 59' 50.3"E	425.17
C5	415.40	1219.82	019.51	N73° 45' 40.2"E	413.39
C6	70.36	239.43	016.84	N11° 04' 14.5"W	70.11
C7	12.22	15.01	046.64	N89° 01' 40.7"W	11.89
C8	112.06	239.48	026.81	N66° 54' 48.8"W	111.04
C9	220.11	1342.43	009.39	S82° 45' 51.8"W	219.87
C10	398.04	5906.23	003.86	S14° 35' 34.5"W	397.97
C11	487.84	961.89	029.06	S15° 21' 59.7"E	482.63
C12	933.17	936.82	057.07	S76° 25' 47.0"E	895.07

Line Table		
Line #	Length	Direction
L1	536.55	N00° 03' 19.0"E
L2	2053.70	N00° 03' 18.9"E
L3	716.58	N89° 57' 30.5"E
L4	2178.02	S09° 43' 50.5"E
L5	91.70	S09° 43' 50.4"E
L6	156.15	S09° 43' 50.4"E
L7	201.12	S09° 43' 47.2"E
L8	162.32	N89° 57' 27.5"E
L9	1325.37	N89° 55' 02.3"E
L10	2650.77	N89° 55' 18.1"E
L11	2664.91	S00° 26' 01.8"W
L12	1508.33	N89° 48' 46.7"W
L13	0.02	S23° 50' 10.3"W
L14	1146.43	N89° 48' 46.6"W
L15	1066.48	S00° 29' 16.8"W
L16	512.45	S87° 59' 59.9"W
L17	221.94	S60° 59' 59.9"W
L18	155.96	S88° 00' 00.2"W
L19	99.97	S59° 59' 59.9"W
L20	93.61	S43° 00' 00.1"W
L21	465.44	N89° 40' 17.5"W
L22	217.94	N89° 59' 59.9"W
L23	489.06	N89° 58' 13.5"W
L24	66.72	N89° 46' 20.6"W
L25	252.23	N64° 46' 25.3"W
L26	513.84	S12° 21' 45.6"E
L27	218.40	S12° 21' 45.5"E
L28	256.88	S08° 24' 50.7"E
L29	70.98	S08° 24' 50.5"E
L31	272.36	S50° 14' 14.6"W
L32	435.24	N74° 32' 00.3"E
L33	35.48	S42° 28' 59.8"E
L34	119.32	N69° 10' 04.2"E
L35	164.77	N69° 05' 15.8"E
L36	45.45	N68° 52' 38.5"E
L37	200.75	N68° 55' 50.1"E
L38	186.79	N69° 04' 17.7"E
L39	162.25	N69° 00' 14.5"E
L40	98.66	S05° 14' 17.1"E
L41	93.08	S05° 14' 17.9"E
L42	110.44	S41° 45' 46.9"E
L43	66.66	N72° 46' 32.7"E
L44	122.40	S05° 21' 35.5"E
L47	39.70	S04° 13' 51.4"E
L48	0.02	S04° 13' 51.6"E
L49	12.85	S04° 13' 53.1"E
L50	48.39	S04° 13' 52.3"E
L51	28.71	N89° 59' 37.1"E
L52	1.11	S04° 13' 52.3"E
L53	1.38	S88° 18' 47.6"E
L54	140.95	S03° 35' 30.3"E
L55	107.89	S04° 08' 58.7"E
L56	78.37	S04° 08' 58.5"E
L57	19.94	N89° 43' 15.0"W
L58	100.43	S21° 29' 18.7"E
L59	63.15	S04° 13' 17.6"E
L60	15.94	S00° 56' 41.4"E

Line Table		
Line #	Length	Direction
L61	186.41	S18° 37' 21.7"W
L62	88.04	S21° 49' 42.4"W
L63	26.82	S00° 00' 00.2"E
L64	134.97	S80° 31' 54.1"E
L65	80.98	S76° 45' 00.5"E
L66	60.76	S67° 24' 58.6"E
L67	0.24	S67° 25' 16.5"E
L68	111.72	S67° 23' 34.1"E
L69	38.99	S66° 34' 05.2"E
L70	207.47	S56° 05' 00.5"E
L71	301.18	S47° 18' 00.2"E
L72	214.80	S47° 16' 50.7"E
L73	2.02	N45° 58' 18.9"E
L74	205.00	S47° 09' 18.7"E
L75	232.79	S47° 04' 27.1"E
L76	95.93	S46° 50' 30.1"E
L78	645.09	S70° 37' 20.1"E
L79	365.67	S70° 37' 20.1"E
L80	678.77	S30° 44' 37.4"W
L81	35.35	S30° 44' 37.4"W
L82	455.58	N63° 28' 54.5"W
L83	231.96	N47° 35' 09.4"W
L84	219.66	N81° 48' 17.6"W
L85	5.56	N81° 48' 17.6"W
L86	172.63	S59° 12' 45.1"W
L87	121.20	S69° 14' 38.8"W
L88	135.62	S69° 14' 38.8"W
L89	330.11	N00° 06' 58.5"E
L90	1332.07	N89° 48' 03.4"W
L91	5.85	N00° 05' 09.8"E
L92	25.00	N01° 56' 06.5"E
L93	25.00	N01° 55' 56.6"E
L94	1325.14	N88° 44' 41.1"W
L95	42.88	S55° 41' 05.6"W
L96	477.14	S55° 41' 04.0"W
L97	3851.22	N83° 45' 34.4"W
L98	64.82	N82° 53' 48.1"W
L99	295.88	N82° 53' 48.7"W
L100	228.02	N84° 29' 19.4"W
L101	443.90	N83° 54' 47.4"W
L102	474.62	N83° 54' 48.0"W
L103	80.68	N84° 05' 52.6"W
L104	279.60	N00° 27' 19.6"W
L105	139.41	N63° 57' 19.1"E
L106	135.27	N08° 29' 43.7"W
L107	111.48	N73° 49' 56.1"W
L108	6.55	N00° 27' 19.6"W
L109	211.66	N64° 14' 03.9"E
L110	404.42	N64° 14' 50.0"E
L111	162.80	N64° 14' 58.5"E
L113	263.37	N86° 12' 09.2"E
L114	158.59	N02° 39' 16.7"W
L116	133.18	N32° 26' 09.7"W
L119	39.32	N80° 19' 10.6"W
L120	161.58	N00° 20' 49.1"E
L121	157.59	N00° 20' 48.5"E
L122	62.39	N89° 39' 20.0"W

Line Table		
Line #	Length	Direction
L123	28.58	N01° 26' 40.1"W
L124	112.73	N89° 35' 47.7"W
L125	28.68	S00° 30' 43.5"W
L126	31.75	N89° 39' 20.9"W
L127	77.85	N89° 39' 17.6"W
L128	71.76	N89° 39' 18.2"W
L129	123.04	N89° 39' 18.3"W
L130	2.48	S88° 44' 51.5"W
L131	78.00	S88° 44' 38.1"W
L132	47.51	N89° 25' 38.3"W
L133	125.51	N89° 25' 40.4"W
L134	125.51	N89° 25' 40.1"W
L135	134.05	N89° 25' 39.5"W
L136	134.05	N89° 25' 40.3"W
L137	1187.46	S00° 27' 19.7"E
L138	6.55	S00° 27' 19.6"E
L139	226.05	S00° 27' 19.6"E
L140	279.60	S00° 27' 19.6"E
L141	236.24	S00° 27' 19.5"E
L142	992.96	N88° 50' 55.8"W
L143	362.90	S78° 00' 00.0"W
L144	492.01	N09° 59' 05.9"E
L145	1296.54	N00° 16' 23.1"W
L146	126.90	S73° 10' 16.6"W
L147	125.15	S73° 10' 30.7"W
L148	54.24	S73° 10' 30.7"W
L149	74.24	N65° 49' 30.9"W
L150	131.02	N65° 49' 31.3"W
L151	131.02	N65° 49' 31.6"W
L152	117.57	N65° 25' 42.2"W
L153	118.10	N65° 25' 41.9"W
L154	249.53	S00° 45' 16.0"W
L155	539.66	S65° 42' 50.0"E
L156	21.73	S32° 49' 36.9"E
L157	292.30	S00° 00' 25.5"E
L158	42.00	S08° 54' 38.4"E
L159	70.85	S20° 30' 14.6"E
L160	72.67	S14° 35' 20.5"E
L161	74.47	S00° 27' 38.0"E
L162	157.08	S00° 10' 24.6"W
L163	347.76	S00° 19' 33.5"W
L164	40.78	S19° 10' 32.9"W
L165	54.18	S45° 32' 58.1"W
L166	57.35	S68° 33' 46.4"W
L167	55.14	S60° 20' 59.6"W
L168	74.71	S17° 14' 11.8"E
L169	130.95	S77° 57' 06.1"W
L170	131.02	S78° 28' 40.6"W
L171	37.96	S78° 28' 40.6"W
L172	114.56	S78° 07' 52.8"W
L174	16.26	S15° 59' 59.3"W
L175	126.34	N60° 10' 00.1"W
L176	62.58	N58° 38' 30.3"W
L177	451.68	S87° 46' 58.7"W
L178	39.52	S41° 17' 28.8"W
L179	88.36	S88° 17' 28.4"W
L180	12.62	N48° 37' 45.6"W

Line Table		
Line #	Length	Direction
L181	12.61	N41° 27' 19.3"W
L182	11.10	N34° 16' 29.9"W
L183	866.18	S87° 46' 58.7"W
L184	565.77	N81° 47' 14.1"W
L185	281.95	N81° 47' 14.1"W
L186	3116.58	N00° 33' 13.6"E
L187	675.69	S88° 53' 51.8"W
L188	1650.40	N00° 19' 48.8"E
L189	435.71	N89° 48' 51.1"W
L190	220.00	N89° 48' 51.2"W
L191	225.39	N89° 48' 51.4"W
L192	220.02	N89° 48' 51.5"W
L193	230.06	N89° 48' 51.3"W
L194	396.04	N01° 09' 49.4"E
L195	193.96	N01° 09' 49.5"E
L196	388.91	N01° 09' 49.6"E
L197	1321.42	N01° 02' 25.0"W
L198	605.83	N89° 08' 04.2"W
L199	693.97	N88° 47' 57.5"W
L200	1315.93	N00° 58' 32.0"E
L201	649.67	N00° 58' 32.0"E
L202	1319.52	N89° 41' 01.4"W
L203	683.82	N00° 27' 16.6"E
L204	659.76	N89° 39' 15.4"W
L205	1368.32	N00° 27' 16.6"E
L206	2736.64	N00° 27' 16.6"E
L207	1978.65	S89° 42' 48.4"E
L208	1.79	S89° 42' 57.0"E
L209	658.61	S89° 42' 48.4"E
L210	115.81	S89° 14' 42.4"E
L211	2522.94	S89° 14' 42.2"E
L212	176.23	S88° 58' 30.7"E
L213	173.52	S88° 58' 30.0"E
L214	0.24	S89° 01' 40.7"E
L215	797.00	S88° 48' 58.3"E
L216	2.21	N00° 26' 56.7"E
L217	166.23	S88° 58' 31.1"E
L218	1313.20	S88° 58' 30.6"E
L219	576.69	S88° 58' 30.3"E
L220	736.50	S88° 58' 30.1"E
L221	1313.20	S88° 58' 30.2"E
L222	1597.80	S89° 18' 16.0"E
L223	385.40	S24° 28' 12.8"W
L224	124.92	S18° 03' 39.6"W
L225	807.27	S18° 03' 39.2"W
L227	707.75	S22° 13' 32.3"W
L229	298.06	S43° 38' 56.9"E
L231	625.45	N50° 38' 08.0"E
L232	204.70	N64° 51' 30.7"E
L233	1082.65	S02° 36' 29.3"E
L234	1562.74	S02° 36' 29.2"E
L235	1435.63	S89° 16' 23.8"E
L236	173.51	S89° 16' 23.7"E
L237	219.25	S89° 16' 24.0"E
L238	139.62	S89° 16' 23.7"E
L239	48.39	S16° 36' 17.4"E
L240	306.69	N88° 20' 36.0"E

Line Table		
Line #	Length	Direction
L241	34.92	N15° 48' 34.8"W
L242	246.50	S89° 16' 27.2"E

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HIGHLANDS WATER COMPANY — FUTURE SERVICE AREA TABLES