
 <b>MGSD</b> Minden-Gardnerville Sanitation District	
<b>Engineering Surveying Water Rights          Resources &amp; Environmental Services</b> <a href="http://www.rct-nv.com">www.rct-nv.com</a> Carson City 340 N. Minnesota St. Carson City, NV 89703-4152 775-883-1600	Lake Tahoe 276 Kingsbury Grade, Ste. 206 Stateline, NV 89448 775-588-7500
 <b>RCI</b> Resource Concepts Inc	
MINDEN-GARDNERVILLE SANITATION DISTRICT SYSTEM MAPPING	SHEET INDEX
JOB NO.: 18-001.6 DATE: June 2018 DESIGNED: DRAWN: MLM CHECKED:	<b>SHEET 2</b>
REVISION DATE	



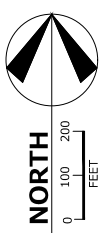








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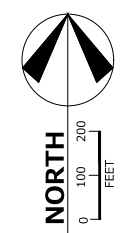
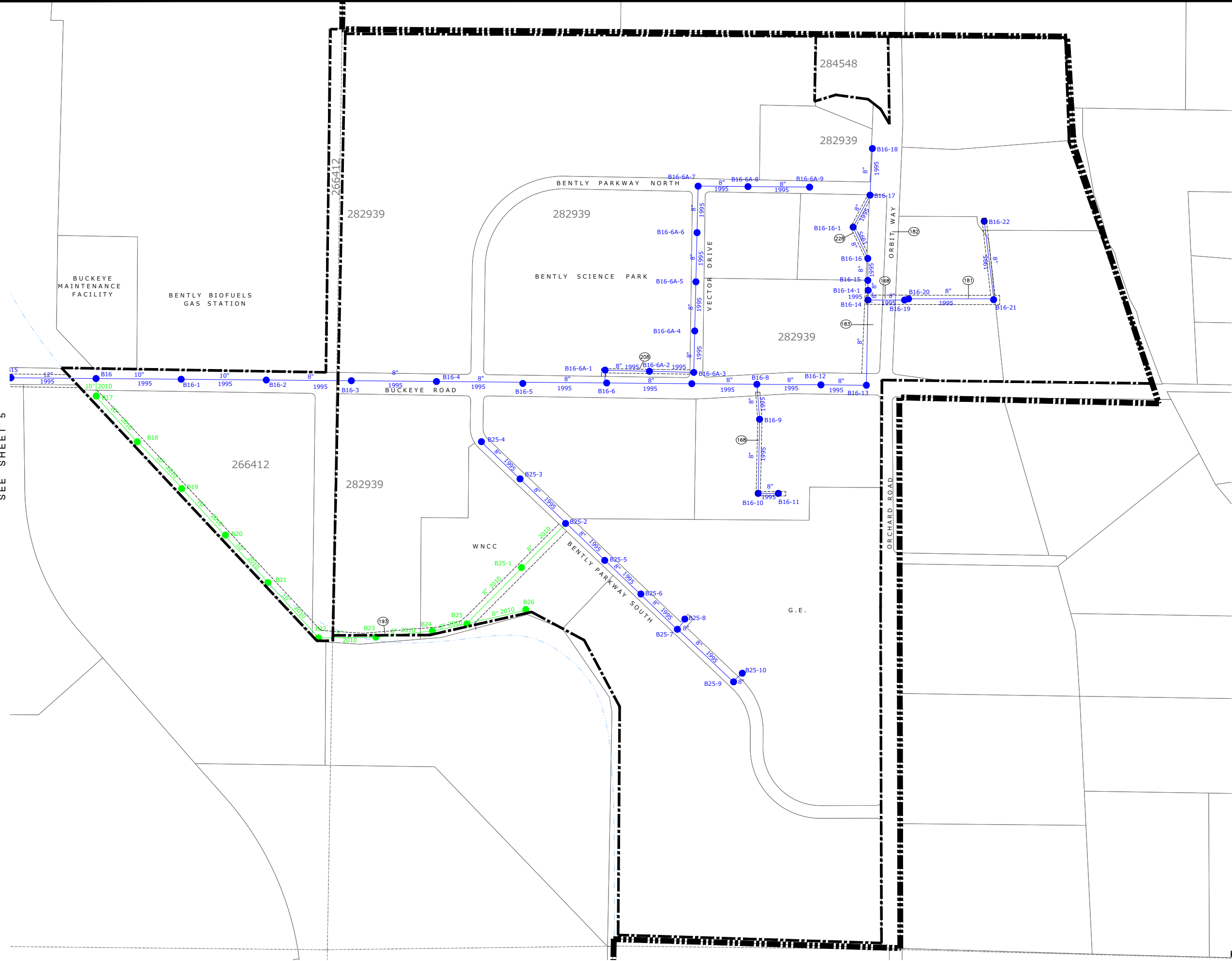
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System Mapping

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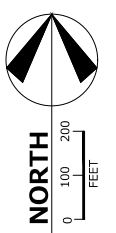
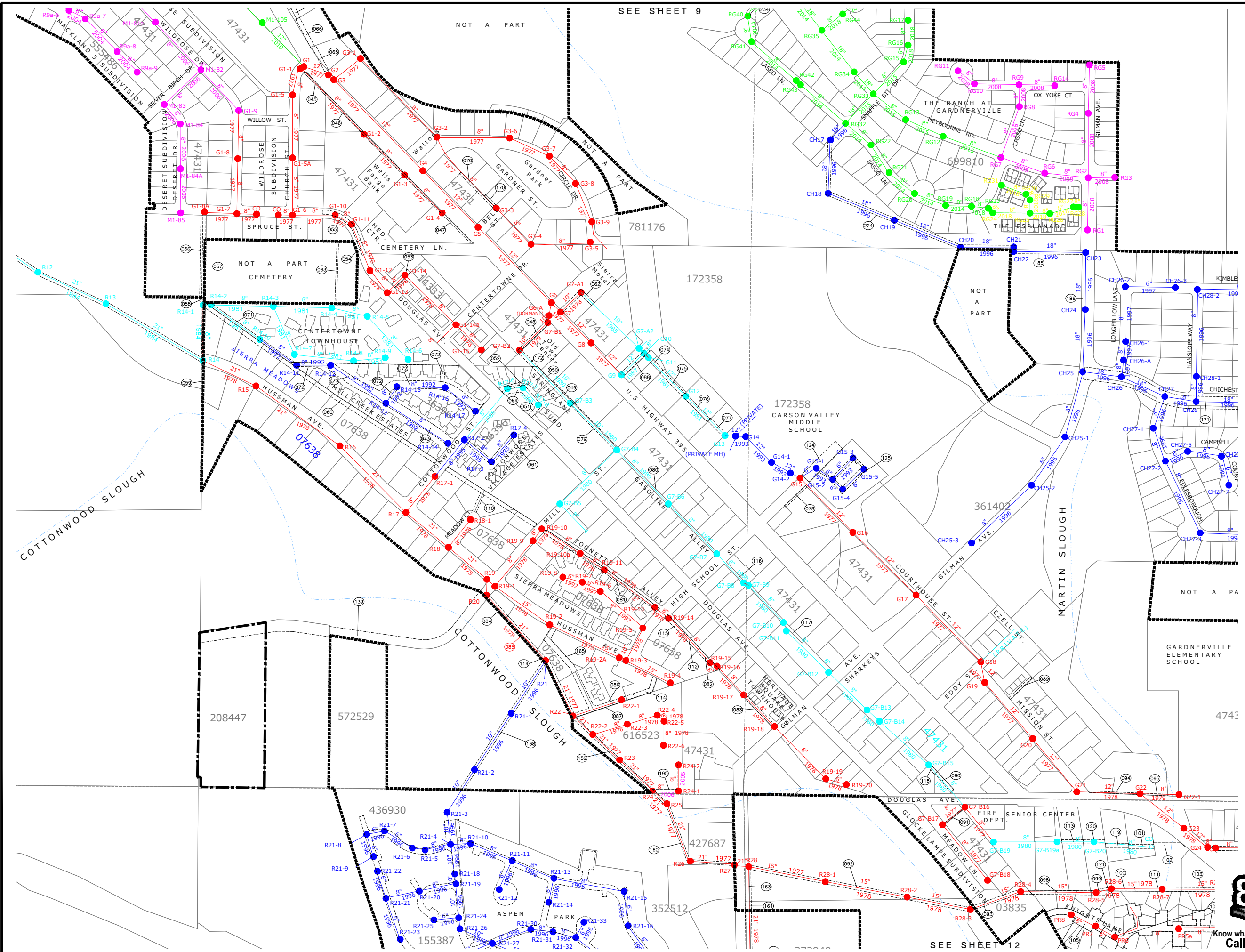
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811 Know what's below. Call before you dig.

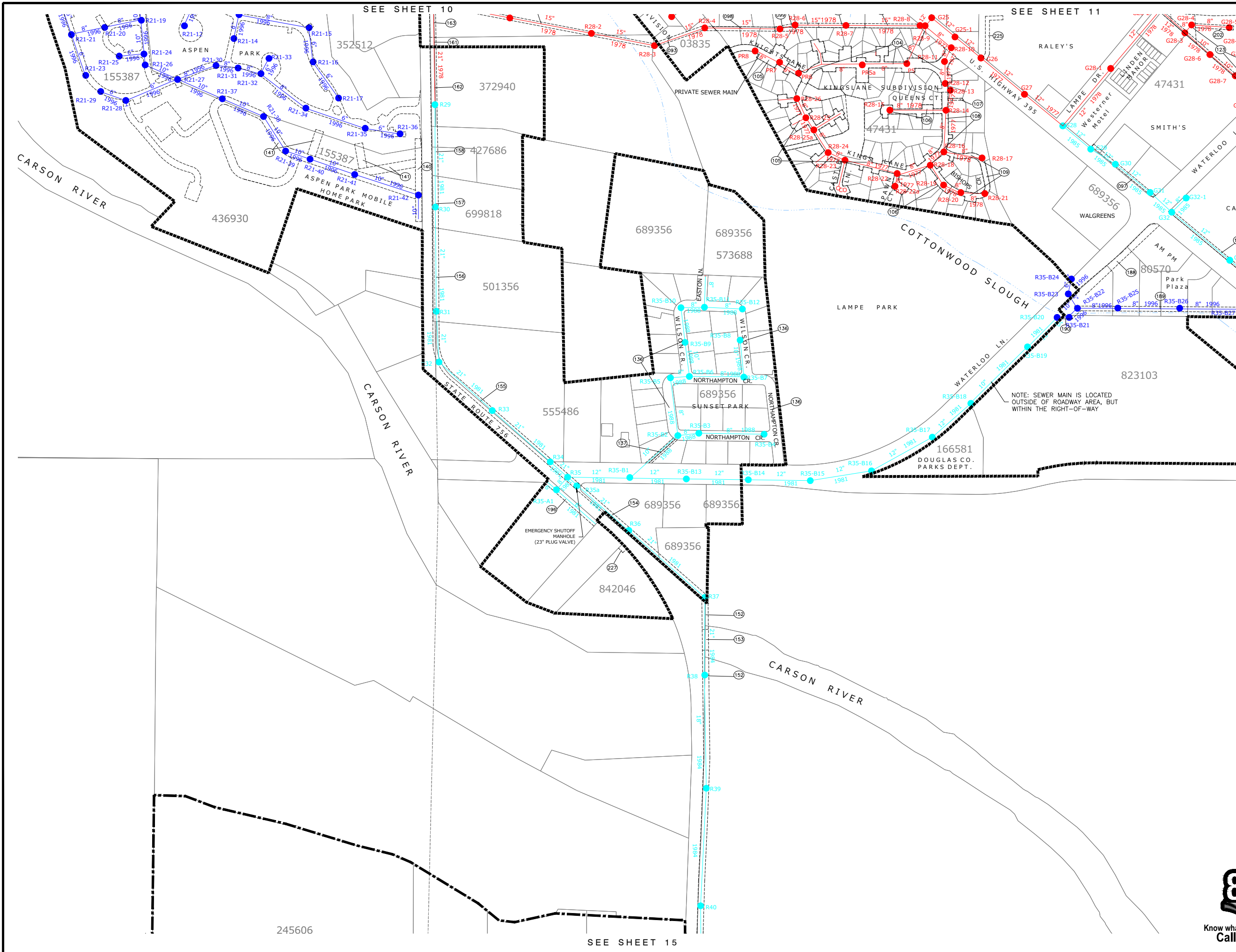
SHEET 10

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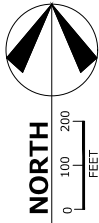






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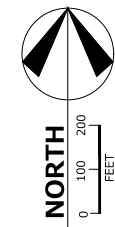
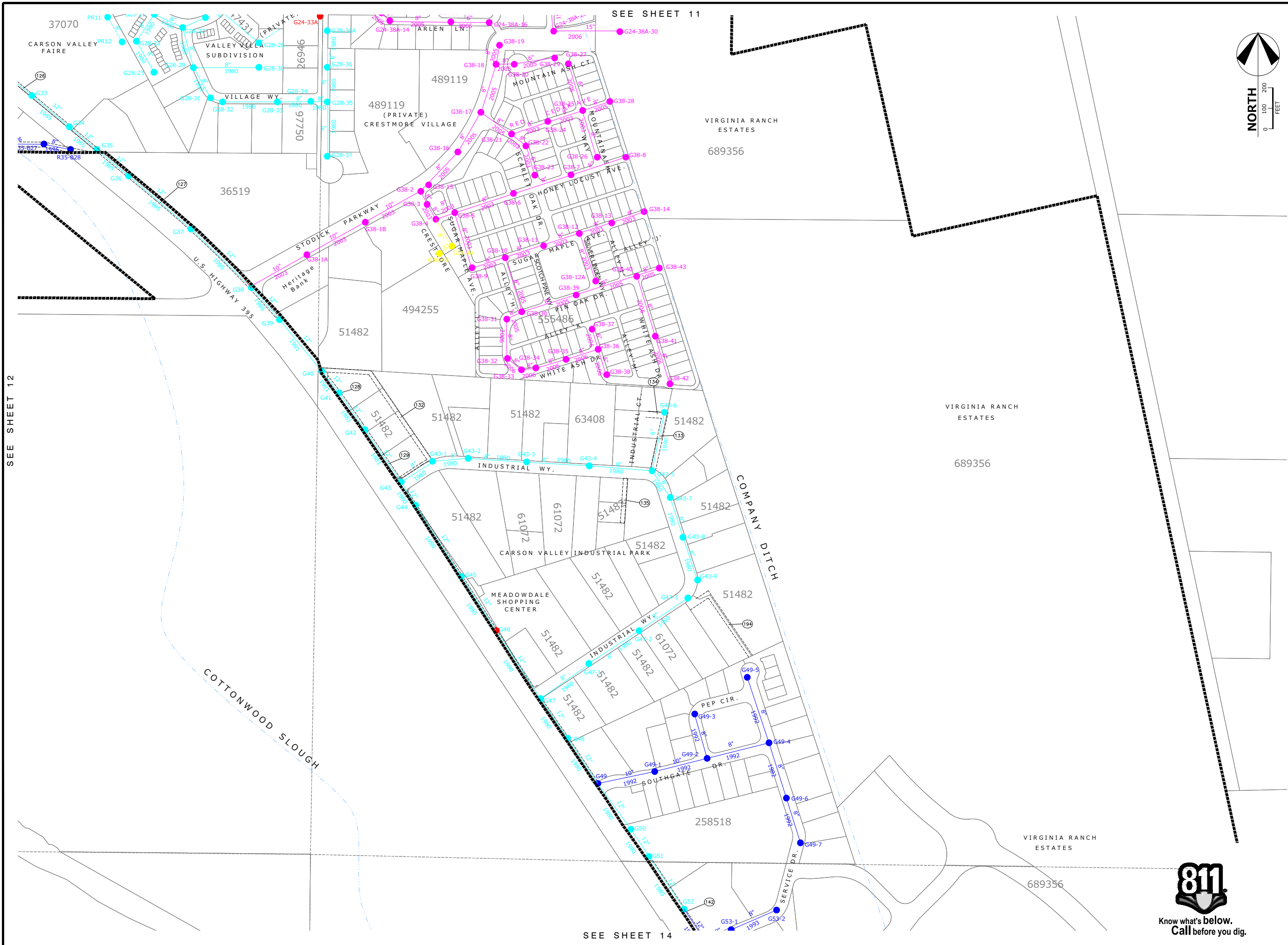
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SHEET 12





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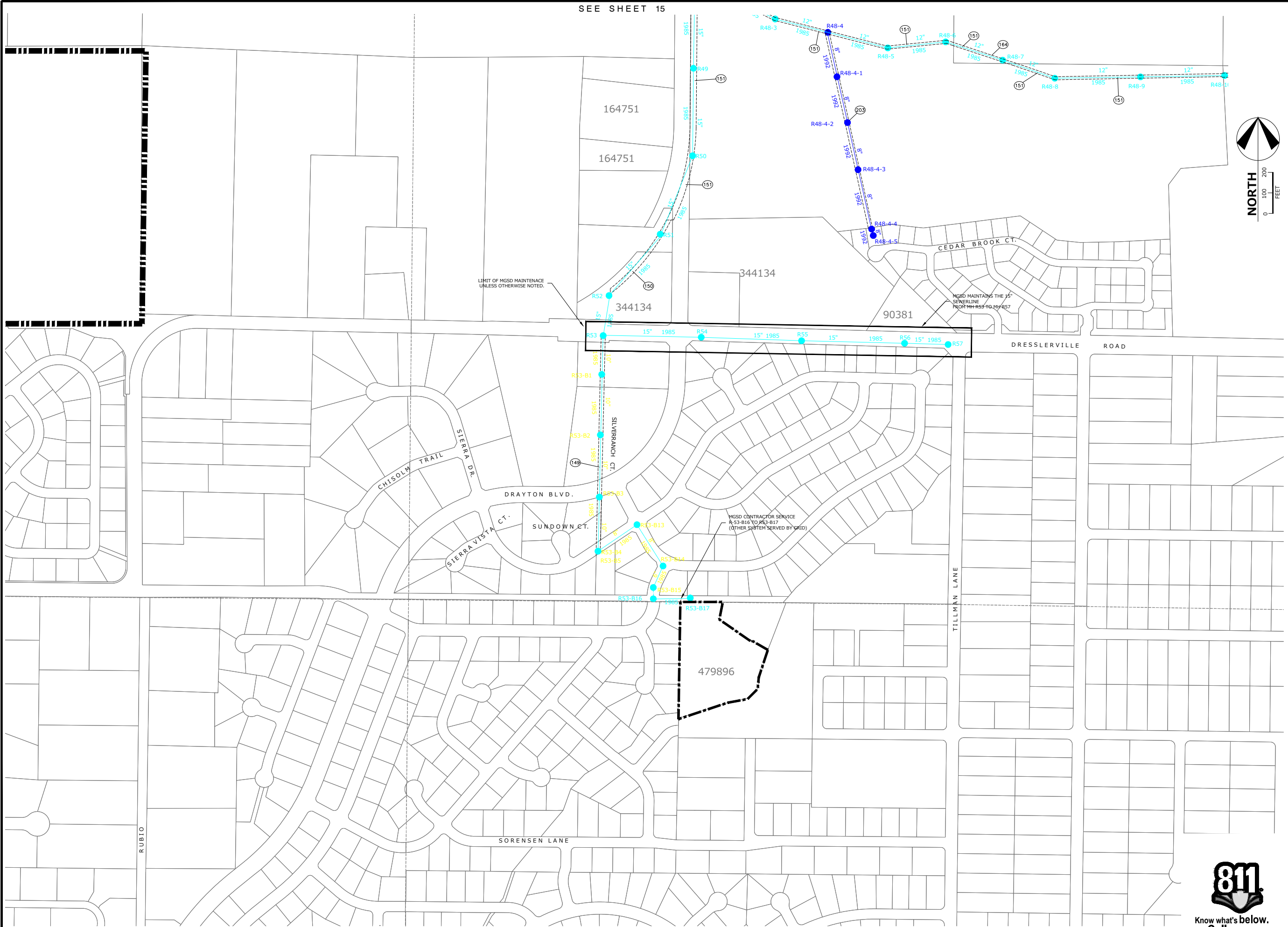
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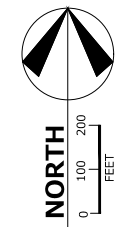
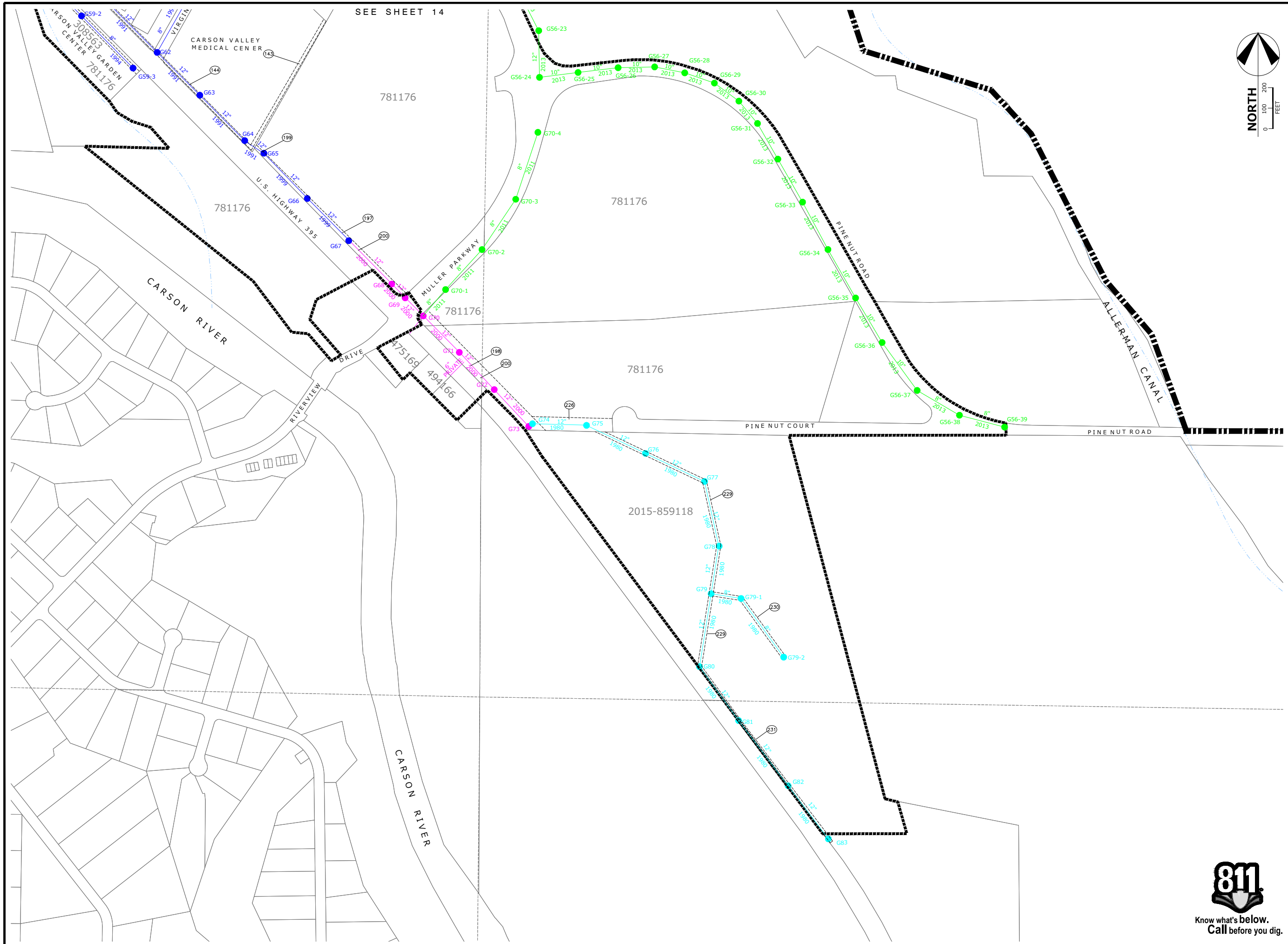
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Know what's below.  
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EASEMENT TABULATION

NO.	SIZE OR DESCRIPTION	BOOK	PAGE	DOCUMENT NO.	SHEET NO.	NO.	SIZE OR DESCRIPTION	BOOK	PAGE	DOCUMENT NO.	SHEET NO.	NO.	SIZE OR DESCRIPTION	BOOK	PAGE	DOCUMENT NO.	SHEET NO.	NO.	SIZE OR DESCRIPTION	BOOK	PAGE	DOCUMENT NO.	SHEET NO.
001	60' (KLAUBER RANCH RD)	379	1030	DEED 30878	3, 4	059	20' (SIERRA MEADOWS)	1177	1307	FM 15229	10	118	CENTERLINE (DOUGLAS AVE)	983	2369	PM 87071	10	180	60' (SANFORD WAY)	695	2977	ROS 364415	5
002	20' WESTWOOD PARK	586	70	FM 134244	3, 4	060	20' (SIERRA MEADOWS)	1177	1307	FM 15229	10	119	20' DOUGLAS AVE	85	160	DEED 51989	10	181	20' (ORBIT WAY)	496	5450	DEED 386489	7
003	20' (IRONWOOD DRIVE)	691	1448	DEED 252557	4	061	20' (SIERRA MOTEL) COTTONWOOD VILLAGE	985 1185	212 1398	DEED 122624 FM 126806	10	120	20' DOUGLAS AVE	179	770	DEED 29034	10	182	60' (ORBIT WAY)	291	1725	DOC NO 244950	7
004	20' (IRONWOOD DRIVE)	691	1453	DEED 252558	4	062	SIERRA MOTEL	885 1085	951 604	DEED 121275 DEED 124821	9,10	121	-- DOUGLAS AVE	978	1721	DEED 25580	10	183	82.5' (ORBIT WAY)	291	1725	DOC NO 244950	7
005	20' (IRONWOOD CENTER)	791	2492	DEED 255366	4	063	5' (CENTERTOWN SUBD)	3	552	DEED 16467	9	122	20' CARSON VALLEY ESTATES	877	887	DEED 12031	11	184	20' (COUNTY ROAD)	1195	248	PM 374040	8
006	80' (LUCERNE ST)	786	697	DEED 137314	4	064	-- SPRINGLANE	1087	1066	FM 163997	10	123	--	877	887	DEED 12031	11, 12	185	20' (CHICHESTER ESTATES)	995	1407	DOC NO 370215	10
007	80' (LUCERNE ST) (IRONWOOD DR)	786 690	684 524	DEED 137311 PM 227471	4	065	20' (CHURCH ST)	1075	876	DEED 83977	9,10	124	50' CARSON VALLEY MIDDLE SCHOOL	293	2218	DEED 299551	10	186	60' (CHICHESTER ESTATES)	995	1407	DOC NO 370215	10
008	80' (IRONWOOD DR)	866	3445	PM 139860	4	066	20' (CHURCH ST)	1075	878	DEED 83978	9,10	125	20' MIDDLE SCHOOL	493	1401	DEED 304061	10	187	-- (TOLER LANE)	793	4281	DEED 313181	11
009	35' (IRONWOOD DR)	786	788	DEED 137347	4	067	20' (CHURCH ST)	1075	874	DEED 83976	9	126	15'(CARSON VALLEY FAIRE)	985	220	DEED 122627	11, 13	188	20' (PARK PLAZA)	596	4143	DEED 388453	11, 12
010	20' (LUCERNE ST)	886	3445	PM 139860	4, 8	068	20' (CHURCH ST)	1075	872	DEED 83975	9	127	15' (STODICK PKWY)	985	217	DEED 122626	13	189	-- (PARK PLAZA)	596	1489	DEED 387367	12
011	COTTONWOOD SLOUGH	484	532	PM 139860	8	069	20' (CHURCH ST)	1075	881	DEED 83979	9	128	20' (CARSON IND PARK)	1181	581	PM 61949	13	190	20' (WATERLOO LANE)	596	1486	DEED 387366	12
012	ABANDONED (9TH STREET)	784	423	DEED 099251	8, 9	070	20' (CHURCH ST)	1075	881	DEED 83979	9	129	15' (CARSON IND PARK)	1181	581	PM 61949	13	191	-- (ESMERELDA AVE)	1196	3320	DEED 401366	9
013	10' (SONIC)	983	2583	DEED 87850	8	071	10' (GARDNER ST)	491	3003	DEED 249012	9,10	130	MOUNTAIN CT.	82	285	FM 50685	11	192	20' (WESTWOOD VILLIAGE)	1295	1906	DOC NO 376827	4
014	10' (NV STATE BANK)	983	2588	DEED 87852	8	072	15' (SIERRA MEADOWS)	1190	180	DEED 238000	9,10	131	20' (CARSON IND PARK)	1181	581	PM 61949	13	193	50' (BENTLY SCIENCE PARK)	1295	1534	DOC NO 376672	6, 7
015	10' (SIERRA CENTER)	983	2591	DEED 87853	8	073	20' (MILLCREEK ESTATES)	1190	175	DEED 237999	10	132	26' INDUSTRIAL COURT	886	2840	DEED 139640	13	194	-- (CARSON INDUSTRIAL PARK)	696	3347	PM 390368	13
016	10' (MCDONALDS)	983	2585	DEED 87851	8	074	20' (MILLCREEK ESTATES)	691	337	FM 252075	10	133	20' (CARSON IND PARK)	382	217	PM 65498	13	195	(GILMAN AVENUE SEWER EXTENTION)				10
017	10' (OLGA HOMES)	1278	925	PM 28271	8	075	20' (CARSON VALLEY MS)	981	1193	DEED 60573	10	134	30' (CARSON IND PARK)	382	217	PM 65498	13	196	20' (RT 756 & CARSON RIVER)	199	4977	DOC NO 459625	12
018	10' (MINDEN TOWNHOMES)	482	974	DEED 66912	8	076	20' (CARSON VALLEY MS)	981	1032	DEED 60486	10	135	20' (CARSON IND PARK)	382	217	PM 65498	13	197	20' (MULLER PKWY)	299	908	DOC NO 460318	14, 17
019	10' JCT US 88 & US 395	482	976	DEED 66913	4	077	20' (CARSON VALLEY MS)	981	107	DEED 59959	10	136	(SUNSET PARK SUBD)	687	763	FM 155926	12	198	30' (MULLER PKWY)	299	908	DOC NO 460318	14, 17
020	CARVAL CT.	1080	1733	FM 49919	8	078	10' (SPRINGLANE SUBD)	286	2387	DEED 131519	10	137	20'(SUNSET PARK SUBD)	687	763	FM 155926	12	199	20' (VIRGINIA CANAL)	399	1960	DOC NO 462833	14, 17
021	22' BELARRA SUBD BELARRA SUBD	1085 1085	1274 3024	FM 07213 PM 126041	8	079	20' (SPRINGLANE SUBD)	1185	2312	DEED 127336	10	138	20' COTTONWOOD SLOUGH	387 687	671 1722	DEED 151111 DEED 156441	10	200	VARIOUS (PINENUT ROAD)	700	3634	DOC NO 496304	14, 17
022	20' (LIBRARY LN)	577	1476	DEED 09556	8	080	14' (HAWKINS ADDIT.)	B-MISC.REC.	408	RM	10	139	50' COTTONWOOD SLOUGH	1277	729	PM 15874	10	201	20' & 7' (WATERLOO LN)	877	887	DEED 12031	11
023	20' (BELARRA SUBD)	781	1222	PM 58342	8	081	14' (HAWKINS ADDIT.)	B-MISC.REC.	408	RM	10	140	30' ASPEN PARK MOBILE HOMES	687	1725	DEED 156442	12	202	20' (CARSON VALLEY ESTATES)	877	887	DEED 12031	11, 12
024	27.5' (BELARRA SUBD)	1285	265	PM 127740	8	082	20' (SIERRAS MEADOW)	D-MISC.REC.	423	DEED 6711 PM 14671	10	141	39.5' ASPEN PARK MOBILE HOMES	1186	345	DEED 144589	12	203	20' (CEDAR BROOK CT)	305	8158	DEED 639400	15, 16
025	20' (LIBRARY LN)	386	1205	DEED 132137	8	083	16' (HERITAGE SQUARE)	486	793	FM 133158	10	142	20' (SERVICE DR)	591	1851	PM 250593	13, 14	204	20' (JEWEL COMMERCIAL PARK)	397	707	DOC NO 0407869	14
026	20' (COUNTY RD)	186	1133	ROS 129468	8	084	20' (SIERRA MEADOWS)	577 276	952 269	FM 09292 PM 87157	10	143	15' CARSON VALLEY MEDICAL CENTER	591	1851	PM 250593	14, 17	205	20' (MACLAND 3 SUBD)	203	12738	DEED 468528	9
027	20' (E FORK SWIM CTR)	685	310	DEED 118236	8	085	20' (SIERRA MEADOWS)	777	502	DEED 10967	10	144	20' (CARSON VALLEY MEDICAL CENTER)	192	2766	DEED 269407	14	206	VARIOUS (LA COSTA @ MONTE VISTA)	405	9815	FM 642625	4
028	20' (ASPEN GROVE CR.)	386	1203	DEED 132136	8	086	25' (VALLEY SUBD) (VALLEY SUBD)	682 1286	72 1488	FM 68220 PM 146570	10	145	60' CARSON VALLEY MEDICAL CENTER	192	2766	DEED 269407	14	207	32' (LA COSTA @ MONTE VISTA)	405	9815	FM 642625	4
029	20' (ASPEN GROVE CR)	887 887	935 1973	DEED 159888 DEED 160399	8	087	20' (VALLEY SUBD)	1278	235	DEED 27898	10	146	GREEN VALLEY GARDEN CENTER	--	--	--	14	208	20' (BUCKEYE ROAD)	1206	852	DOC NO. 689960	7
030	20' MOUNTAIN GLEN	1287 1287	3712 3712	FM 169542 FM 169542	8	088	20' (VALLEY SUBD)	987	3436	DEED 162738	10	147	20' (GLENWOOD DR)	285 981	301 491	DEED 113305 DEED 60181	15	209	VARIOUS (MONTE VISTA AVE.)	1006	7103	DOC NO. 0686813	4
031	20' (MOUNTAIN GLEN) MOUNTAIN GLEN	1280 1287	475 3712	FM 51372 FM 169542	8	089	10' (MISSION STREET) (MISSION STREET)	478 683	1022 107	PM 19738 PM 81112	10	148	20' (THE RANCHOS)	285 285	303 328	DEED 113306 DEED 113317	16	210	VARIOUS (MONTE VISTA AVE.)	1006	7108	DOC NO. 0686814	4
032	30' GROVE CIR./ ASPEN ST.	1287 887	3712 935	FM 169542 DEED 159888	8	090	-- (DOUGLAS AVE)	883	2565	DEED 86302	10	149	20'(SILVERRANCH CT)	285 783	305 2305	DEED 113307 DEED 084731	16	211	VARIOUS (WATER STREET)	0105	4399	DOC NO. 0634381	9
033	20' STONEGATE	787	503	FM 157644	8	091	5' (RANCHOS)	01	124	FM 06389	10	150	20'(DRESSLERVILLE RD)	285 184	307 5682	DEED 113308 DEED 095229	16	212	VARIOUS (MGSD)	1096	286	DOC NO. 397839	3
034	20' STONEGATE	787	503	FM 157644	8	092	20' (GLOCKE LAMPE SUBD)	781	1234	DEED 58350	10	151	15' & 30' WATERLOO LANE	285 311	311	DEED 113309	15, 16	213	15' (TARRONGA SUBDIV)	0407	7696	DOC NO. 0699801	4
035	17.35' (ASPEN GROVE CR)	887 887	1670 1977	DEED 160253 DEED 160400	8	093	20' (GLOCKE LAMPE SUBD)	978	1840	DEED 25646	10, 12	152	30' WATERLOO LANE	285 783	313 2307	DEED 113310 DEED 084732	12, 15	214	VARIOUS (9TH STREET)	T	551	DOC NO. 1931	8
036	-- STONEGATE	388	3516	PM 175138	8	094	7.5' (TOLER AVE)	178	756	PM 16690	10	153	BED OF THE CARSON RIVER	285 783	315 2302	DEED 113311 DEED 084730	12	215	VARIOUS (8TH STREET)	0411	3813	DOC NO. 781604	9
037	20' (DOUGLAS HS)	791	2495	DEED 255367	4	095	5' (TOLER AVE)	52	278	DEED 37574	11	154	30' ROUTE 756	285 981	317 480	DEED 113312 DEED 60174	12	216	VARIOUS (8TH STREET)	0411	2818	DOC NO. 781605	9
038	20' (DOUGLAS HS)	791	2499	DEED 255368	4	096	20' (TOLER AVE)	486	2258	PM 133889	11	155	30' & CARSON RIVER	285 981	319 477	DEED 113313 DEED 60172	12	217	VARIOUS (8TH STREET)	0411	2763	DOC NO. 781598	9
039	20' (DOUGLAS HS)	791	2502	DEED 255369	8	097	15' (WALGREENS)	985	214	DEED 122625	11, 12	156	30' ASPEN PARK MOBILE HOMES	285 981	323 485	DEED 113315 DEED 60177	12	218	VARIOUS (10TH STREET)	1189	1514	DOC NO. 214530	8
040	20' HOLIDAY INN EXP.	591	2566	RM 250947	4, 8	098	20' (KNIGHTS LANE)	978	724	DEED 25099	10, 12	157	30' COTTONWOOD SLOUGH	285 981	325 471	DEED 113316 DEED 60168	12	219	ROW ABANDON (8TH STREET)	0411	2823	DOC NO. 781606	9
041	30' BENETEAU SUBDIV.	1090	4256	PM 237650	8	099	20' (KNIGHTS LANE)	978	309	DEED 24907	10, 12	158	15' COTTONWOOD SLOUGH	285 981	329 474	DEED 113318 DEED 60170	10	220	70' MUELLER LANE	179	382	DOC NO. 28830	3, 4
042	14' BENETEAU SUBDIV.	1090	4256	PM 237650	8	100	20' (KNIGHTS LANE)	978	722	DEED 25098	10	159	15' COTTONWOOD SLOUGH	285 981	333 465	DEED 113320 DEED 60164	10	221	VARIOUS MUELLER LANE	179	1266	DOC NO. 29278	3, 4
043	28' BENETEAU SUBDIV.	1090	4256	PM 237650	8	101	20' (DOUGLAS AVE)	878	1486	DEED 24243	10	160	30'(GLOCKE LAMPE SUBD)	285 981	335 462	DEED 113321 DEED 60162	10, 12	222	60' MUELLER LANE	0303	08639	DOC NO. 0570466	3, 4
044	CENTERLINE (9TH ST)	62 777	387 281	DEED 42499 DEED 10848	8, 9	102	20' (DOUGLAS AVE)	878 683	376 1176	DEED 23686 PM 81565	10, 11	161	30'(ASPEN PARK MOBILE HOMES)	285 981	337 483	DEED 113322 DEED 60176	12	223	20' (THE RANCH AT GARDNERVILLE)	1207	1053		
045	10' (CHURCH ST)	1276	1161	DEED 05413	9,10	103	20' (KINGSLANE)	179	773	DEED 29035	10, 11	162	30'(GLOCKE LAMPE SUBD)	285 184	340 5680	DEED 113323 DEED 095228	10, 12	224	20' ( THE RANCH @ GARDNERVILLE)	1207	1058	DOC NO. 714375	9, 10
046	10' (CHURCH ST)	1276	1160	DEED 05412	9,10	104	-- KINGSLANE	64	82	FM 43243	10, 11, 12	163	15' (GLENWOOD DR)	285 981	341 488	DEED 113324 DEED 60179	15, 16	225	20' CARSON VALLEY ESTATES	0309	5522	DOC NO. 740063	11
047	10' (CEMETERY LN)	777	493	DEED 06102	9,10	105	-- KINGSLANE	44	517	FM 55958	10, 12	164	-- (VALLEY SUBDIV)	--	--	FM 68220	10	226	VARIOUS PINE NUT ROAD			DOC NO. 2015-869205	14, 17
048	21' - 12' (OLD TOWN CENTER)	1078	1776	DEED 26601	9,10	106	-- KINGSLANE	1077	1588														





**BUCKEYE AREA (B)**  
PIPE LENGTHS (MANHOLE TO MANHOLE)

Area	From Manhol	To Manhol	Diameter	Length	Notes
Buckeye	W24	B1	15	417	
Buckeye	B1	B2	15	444	
Buckeye	B2	B2-1	8	393	
Buckeye	B2-1	B2-2	8	169	
Buckeye	B2-2	B2-3	8	383	
Buckeye	B2-3	B2-4	8	73	
Buckeye	B2	B2-5	8	110	
Buckeye	B2	B3	15	450	
Buckeye	B3	B4	15	450	
Buckeye	B4	B5	15	450	
Buckeye	B5	B6	15	450	
Buckeye	B6	B7	15	450	
Buckeye	B7	B8	15	450	
Buckeye	B8	B9	12	400	
Buckeye	B9	B10	12	400	
Buckeye	B10	B11	12	400	
Buckeye	B11	B12	12	390	
Buckeye	B12	B13	12	310	
Buckeye	B13	B14	12	400	
Buckeye	B14	B15	12	400	
Buckeye	B15	B16	12	400	
Buckeye	B16	B16-1	10	400	
Buckeye	B16-1	B16-2	10	400	
Buckeye	B16-2	B16-3	8	400	
Buckeye	B16-3	B16-4	8	400	
Buckeye	B16-4	B16-5	8	400	
Buckeye	B16-5	B16-6	8	400	
Buckeye	B16-6	B16-7	8	400	
Buckeye	B16-6	B16-6A-1	8	32	
Buckeye	B16-6A-1	B16-6A-2	8	209	
Buckeye	B16-6A-2	B16-6A-3	8	209	
Buckeye	B16-6A-3	B16-6A-4	8	195	
Buckeye	B16-6A-4	B16-6A-5	8	231	
Buckeye	B16-6A-5	B16-6A-6	8	231	
Buckeye	B16-6A-6	B16-6A-7	8	195	
Buckeye	B16-6A-7	B16-6A-8	8	195	
Buckeye	B16-6A-8	B16-6A-9	8	195	
Buckeye	B16-7	B16-8	8	306	
Buckeye	B16-8	B16-9	8	165	
Buckeye	B16-9	B16-10	8	349	
Buckeye	B16-10	B16-11	8	95	
Buckeye	B16-8	B16-12	8	301	
Buckeye	B16-12	B16-13	8	214	
Buckeye	B16-13	B16-14	8	402	
Buckeye	B16-14	B16-15	8	92	
Buckeye	B16-14	B16-14-1	8	92	
Buckeye	B16-14-1	B16-15	8	103	
Buckeye	B16-15	B16-16	8	103	
Buckeye	B16-16	B16-16-1	8	114	
Buckeye	B16-16-1	B16-17	8	114	
Buckeye	B16-14	B16-19	8	172	
Buckeye	B16-19	B16-20	8	19	
Buckeye	B16-20	B16-21	8	401	
Buckeye	B16-21	B16-22	8	374	
Buckeye	B16	B17	10	85	
Buckeye	B17	B18	10	290	
Buckeye	B18	B19	10	301	
Buckeye	B19	B20	10	13	
Buckeye	B20	B21	10	299	
Buckeye	B21	B22	10	355	
Buckeye	B22	B23	8	266	
Buckeye	B23	B24	8	271	
Buckeye	B24	B25	8	169	
Buckeye	B25	B25-1	8	363	
Buckeye	B25-1	B25-2	8	298	
Buckeye	B25-2	B25-3	8	300	
Buckeye	B25-3	B25-4	8	225	
Buckeye	B25-4	B25-5	8	253	
Buckeye	B25-5	B25-6	8	232	
Buckeye	B25-6	B25-7	8	233	
Buckeye	B25-7	B25-8	8	66	
Buckeye	B25-7	B25-9	8	351	
Buckeye	B25-9	B25-10	8	63	
Buckeye	B25	B26	8	291	
<b>TOTAL</b>				<b>20,421</b>	

\* INFORMATION IS ASSUMED

**CHICHESTER AREA (CH)**  
PIPE LENGTHS (MANHOLE TO MANHOLE)

Area	From Manhol	To Manhol	Diameter	Length	Notes
Chichester	W24	CH1	18	363	
Chichester	CH1	CH2	18	370	
Chichester	CH2	CH3	18	370	
Chichester	CH3	CH4	18	298	
Chichester	CH4	CH5	18	341	
Chichester	CH5	CH6	18	373	
Chichester	CH6	CH7	18	347	
Chichester	CH7	CH8	18	448	
Chichester	CH8	CH9	18	436	
Chichester	CH9	CH10	18	422	
Chichester	CH10	CH11	18	446	
Chichester	CH11	CH12	18	122	
Chichester	CH12	CH13	18	121	
Chichester	CH13	CH14	18	125	
Chichester	CH14	CH15	18	171	
Chichester	CH15	CH16	18	112	
Chichester	CH16	C16-1	18	478	
Chichester	CH16-1	RG37	18	395	
Chichester	RG32	CH17	18	116	
Chichester	CH17	CH18	18	257	
Chichester	CH18	CH19	18	320	
Chichester	CH19	CH20	18	345	
Chichester	CH20	CH21	18	257	
Chichester	CH21	CH22	18	21	
Chichester	CH22	CH23	18	348	
Chichester	CH23	CH24	18	275	
Chichester	CH24	CH25	18	301	
Chichester	CH25	CH25-1	8	332	
Chichester	CH25-1	CH25-2	8	281	
Chichester	CH25-2	CH25-3	8	402	
Chichester	CH25	CH26	18	188	
Chichester	CH26	CH26-A	8	81	
Chichester	CH26-A	CH26-1	8	88	
Chichester	CH26-1	CH26-2	8	265	
Chichester	CH26-2	CH26-3	6	175	
Chichester	CH26	CH27	18	231	
Chichester	CH27	CH27-1	8	161	
Chichester	CH27-1	CH27-2	8	172	
Chichester	CH27-2	CH27-3	8	386	
Chichester	CH27-3	CH27-4	8	342	
Chichester	CH27-4	CH27-5	8	124	
Chichester	CH27-5	CH27-6	8	168	
Chichester	CH27-6	CH27-7	6	151	
Chichester	CH27	CH28	18	153	
Chichester	CH28	CH28-1	8	124	
Chichester	CH28-1	CH28-2	8	422	
Chichester	CH28-2	CH28-3	8	380	
Chichester	CH28	CH29	18	348	
Chichester	CH29	CH29-A1	8	359	
Chichester	CH29	CH29-B1	8	142	
Chichester	CH29-B1	CH29-B2	8	196	
Chichester	CH29-B2	CH29-B3	6	216	
Chichester	CH29	CH30	18	278	
Chichester	CH30	CH30-1	10	253	
Chichester	CH30-1	CG30-2	10	249	
Chichester	CH30-2	CH30-3	8	300	
Chichester	CH30-3	CH30-4	8	326	
Chichester	CH30-4	CH30-5	8	326	
Chichester	CH30-5	CH30-6	8	200	
Chichester	CH30-6	CH30-7	8	181	
Chichester	CH30-7	CH30-8	8	221	
Chichester	CH30-8	CH30-9	8	271	
Chichester	CH30-9	CH30-10	6	305	
Chichester	CH30-2	CH30-11	8	241	
Chichester	CH30-11	CH30-12	8	301	
Chichester	CH30-11	CH30-13	6	162	
Chichester	CH30-13	CH30-14	6	180	
Chichester	CH30-11	CH30-15	8	223	
Chichester	CH30-15	CH30-16	6	200	
Chichester	CH30-15	CH30-17	8	52	
Chichester	CH30-17	CH30-18	8	99	
Chichester	CH30-18	CH30-19	8	182	
Chichester	CH30-19	CH30-20	6	112	
Chichester	CH30-20	CH30-21	6	77	
Chichester	CH30-19	CH30-22	8	211	
Chichester	CH30-22	CH30-23	8	121	
Chichester	CH30-23	CH30-24	8	256	
Chichester	CH30-24	CH30-25	6	247	
Chichester	CH30-23	CH30-26	8	244	
Chichester	CH30-26	CH30-27	6	259	
Chichester	CH30-26	CH30-28	6	293	
Chichester	CH30-15	CH30-29	8	341	
Chichester	CH30-29	CH30-30	8	201	
Chichester	CH30-30	CH30-31	8	156	
Chichester	CH30-31	CH30-32	8	48	
Chichester	CH30-32	CH30-33	8	146	
Chichester	CH30-33	CH30-34	8	159	
Chichester	CH30-34	CH30-35	6	190	
Chichester	CH30-35	CH30-36	6	221	
Chichester	CH30-31	CH30-37	8	125	
Chichester	CH30-37	CH30-38	8	162	
Chichester	CH30-38	CH30-39	6	113	
Chichester	CH30-39	CH30-40	6	237	
Chichester	CH30-38	CH30-41	8	311	
Chichester	CH30-41	CH30-42	6	121	
Chichester	CH30-41	CH30-43	8	125	
Chichester	CH30-43	CH30-44	8	348	
Chichester	CH30-44	CH30-45	8	187	
Chichester	CH30-45	CH30-46	8	227	
Chichester	CH30-46	CH30-47	8	158	
Chichester	CH30-47	CH30-48	6	146	

\* INFORMATION IS ASSUMED

Chichester	CH30-46	CH30-49	8	259	
Chichester	CH30-49	CH30-50	6	185	
Chichester	CH30-49	CH30-51	8	247	
Chichester	CH30-51	CH30-52	6	191	
Chichester	CH30-51	CH30-53	8	215	
Chichester	CH30-53	CH30-54	6	68	
Chichester	CH30-54	CH30-55	6	75	
Chichester	CH30	CH31	15	251	
Chichester	CH31	CH31-1	8	167	
Chichester	CH31-1	CH31-2	8	132	
Chichester	CH31-2	CH31-3	6	77	
Chichester	CH31-2	CH31-4	8	205	
Chichester	CH31-4	CH31-5	8	173	
Chichester	CH31-5	CH31-6	6	300	
Chichester	CH31-4	CH31-7	8	300	
Chichester	CH31-7	CH31-8	8	328	
Chichester	CH31-8	CH31-9	8	111	
Chichester	CH31-8	CH31-10	8	306	
Chichester	CH31-10	CH31-11	8	308	
Chichester	CH31-11	CH31-12	8	303	
Chichester	CH31	CH32	15	332	
Chichester	CH32	CH33	15	300	
Chichester	CH33	CH33-1	8	255	
Chichester	CH33-1	CH33-2	6	262	
Chichester	CH33-1	CH33-3	8	203	
Chichester	CH33-3	CH33-4	8	146	
Chichester	CH33-4	CH33-5	8	242	
Chichester	CH33-5	CH33-6	8	293	
Chichester	CH33-6	CH33-7	8	303	
Chichester	CH33-7	CH33-8	8	277	
Chichester	CH33-8	CH33-9	8	345	
Chichester	CH33-9	CH33-10	8	342	
Chichester	CH33-10	CH33-11	8	345	
Chichester	CH33-11	CH33-12	8	342	
Chichester	CH33-8	CH33-13	8	278	
Chichester	CH33-13	CH33-13A	6	131	
Chichester	CH33-13	CH33-15	8	131	
Chichester	CH33-13	CH33-16	8	300	
Chichester	CH33-16	CH33-17	8	303	
Chichester	CH33-17	CH33-18	8	302	
Chichester	CH33-18	CH33-19	6	305	
Chichester	CH33-3	CH33-20	8	241	
Chichester	CH33-20	CH33-21	8	231	
Chichester	CH33-21	CH33-22	8	195	
Chichester	CH33-22	CH33-23	8	245	
Chichester	CH33-23	CH33-24	6	242	
Chichester	CH33-20	CH33-25	8	259	
Chichester	CH33-25	CH33-26	8	218	
Chichester	CH33-26	CH33-27	8	160	
Chichester	CH33-27	CH33-28	8	403	
Chichester	CH33-25	CH33-29	8	240	
Chichester	CH33-29	CH33-30	8	209	
Chichester	CH33-30	CH33-31	8	206	
Chichester	CH33-31	CH33-32	6	235	
Chichester	CH33-29	CH33-33	8	249	
Chichester	CH33-33	CH33-34	8	345	
Chichester	CH33-34	CH33-35	6	199	
Chichester	CH33-33	CH33-36	8	162	
Chichester	CH33-36	CH33-37	8	160	
Chichester	CH33-37	CH33-38	6	275	
Chichester	CH33	CH34	15	390	
Chichester	CH34	CH35	15	356	
Chichester	CH35	CH36	15	356	
Chichester</					

**GARDNERVILLE AREA (G)  
PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Length	Notes
Gardnerville	G1	G1-1	8	36	
Gardnerville	G1-1	G1-2	8	441	
Gardnerville	G1-2	G1-3	8	278	
Gardnerville	G1-3	G1-4	8	637	
Gardnerville	G1-4	G1-5	8	118	
Gardnerville	G1-5	G1-6	8	581	
Gardnerville	G1-5	G1-5A	8	327	
Gardnerville	G1-5A	G1-6	8	333	
Gardnerville	G1-6	G1-7	8	267	
Gardnerville	G1-8	G1-9	8	260	
Gardnerville	G1-7	G1-8	8	267	
Gardnerville	G1-7	CO	8	83	
Gardnerville	G1-6	CO	8	66	
Gardnerville	G1-6	G1-10	8	206	
Gardnerville	G1-10	G1-11	8	91	
Gardnerville	G1-11	G1-12	8	241	
Gardnerville	G1-12	G1-13	8	133	
Gardnerville	G1-13	G1-14	8	155	
Gardnerville	G1-14	G1-14a	8	342	
Gardnerville	G1-14a	G1-15	8	175	
Gardnerville	G1-14	G1-14-1	8	80	
Gardnerville	G1-14-1	G1-14-2	8	176	
Gardnerville	G1-14-2	G1-15	8	18	
Gardnerville	G1	G2	12	125	
Gardnerville	G2	G3	12	34	
Gardnerville	G3	G3-1	8	165	
Gardnerville	G3-1	G3-2	8	529	
Gardnerville	G3-2	G3-3	8	342	
Gardnerville	G3-3	G3-4	6	246	
Gardnerville	G3-4	G3-5	6	287	
Gardnerville	G3-2	G3-6	8	353	
Gardnerville	G3-6	G3-7	8	212	
Gardnerville	G3-7	G3-8	6	186	
Gardnerville	G3-8	G3-9	6	201	
Gardnerville	G3	G4	12	615	
Gardnerville	G4	G5	12	381	
Gardnerville	G5	G6	12	513	
Gardnerville	G6	G7	12	39	
Gardnerville	G6	G6-A	10	68	
Gardnerville	G6-A	G7-B1	10	34	
Gardnerville	G7	G7-A1	10	137	
Gardnerville	G7-A1	G7-A2	10	389	
Gardnerville	G7-A2	G10	8	34	
Gardnerville	G7	G7-B1	8	336	For flushing the A1 to A2 line.
Gardnerville	G7-B1	G7-B2	8	190	
Gardnerville	G7-B2	G7-B3	10	355	
Gardnerville	G7-B3	G7-B4	10	318	
Gardnerville	G7-B4	G7-B5	8	378	
Gardnerville	G7-B4	G7-B6	8	360	
Gardnerville	G7-B6	G7-B7	8	80	
Gardnerville	G7-B7	G7-B8	8	191	
Gardnerville	G7-B8	G7-B9	8	26	
Gardnerville	G7-B9	G7-B10	8	247	
Gardnerville	G7-B10	G7-B11	8	43	
Gardnerville	G7-B11	G7-B12	8	285	
Gardnerville	G7-B12	G7-B13	8	257	
Gardnerville	G7-B13	G7-B14	8	82	
Gardnerville	G7-B14	G7-B15	8	317	
Gardnerville	G7-B15	G7-B16	8	269	
Gardnerville	G7-B16	G7-B17	8	137	
Gardnerville	G7-B17	G7-B18	8	345	
Gardnerville	G7-B18	G7-B19	8	217	
Gardnerville	G7-B19	G7-B19a	10	310	
Gardnerville	G7-B19a	G7-B20	8	175	
Gardnerville	G7-B20	CO	8	277	
Gardnerville	G7	G8	12	209	
Gardnerville	G8	G9	12	213	
Gardnerville	G9	G10	12	151	
Gardnerville	G10	G11	12	29	
Gardnerville	G11	G12	12	254	
Gardnerville	G12	G13	12	268	
Gardnerville	G13	G14	12	156	
Gardnerville	G14	G14-1	12	80	
Gardnerville	G14-1	G14-2	12	178	
Gardnerville	G14-2	G15	12	17	
Gardnerville	G14	G15	12	157	
Gardnerville	G15	G15-1	6	96	
Gardnerville	G15-1	G15-2	6	97	
Gardnerville	G15-2	G15-3	6	146	
Gardnerville	G15-3	G15-4	6	69	
Gardnerville	G15-4	G15-5	6	145	
Gardnerville	G15	G16	12	366	
Gardnerville	G16	G17	12	430	
Gardnerville	G17	G18	12	449	
Gardnerville	G18	G19	12	101	
Gardnerville	G19	G20	12	357	
Gardnerville	G20	G21	12	334	
Gardnerville	G21	G22	12	306	
Gardnerville	G22	G22-1	8	188	
Gardnerville	G22	G23	12	269	
Gardnerville	G23	G24	12	146	
Gardnerville	G24	G24-1	8	20	
Gardnerville	G24-1	G24-2	8	294	
Gardnerville	G24-2	G24-3	8	168	
Gardnerville	G24-3	G24-4	6	196	
Gardnerville	G24-4	G24-5	6	268	
Gardnerville	G24-5	G24-6	6	242	
Gardnerville	G24-6	G24-7	6	283	
Gardnerville	G24-7	G24-8	6	284	

Gardnerville	G24-8	G24-9	6	231	
Gardnerville	G24-9	G24-10	6	326	
Gardnerville	G24-10	G24-11	6	100	
Gardnerville	G24-10	G24-12	6	324	
Gardnerville	G24-3	G24-13	8	267	
Gardnerville	G24-13	G24-14	8	244	
Gardnerville	G24-14	G24-15	8	280	
Gardnerville	G24-15	G24-16	8	287	
Gardnerville	G24-16	G24-17	8	316	
Gardnerville	G24-17	G24-19	8	323	
Gardnerville	G24-19	G24-20	8	400	
Gardnerville	G24-19	G24-21	8	60	
Gardnerville	G24-21	G24-22	8	226	
Gardnerville	G24-22	G24-23	8	445	
Gardnerville	G24-23	G24-24	8	239	
Gardnerville	G24-21A	G24-21	8	391	
Gardnerville	G24-24	G24-25	8	210	
Gardnerville	G24-22	G24-26	8	230	
Gardnerville	G24-26	G24-27	8	388	
Gardnerville	G24-27	G24-28	8	274	
Gardnerville	G24-28	G24-28A	6	56	
Gardnerville	G24-28A	G24-28A-1	6	52	
Gardnerville	G24-28A	G24-28A-2	6	65	
Gardnerville	G24-26	G24-29	8	225	
Gardnerville	G24-29	G24-30	8	385	
Gardnerville	G24-30	G24-31	8	98	
Gardnerville	G24-29	G24-32	8	218	
Gardnerville	G24-32	G24-33	8	219	
Gardnerville	G24-33	G24-33A	6	168	
Gardnerville	G24-33	G24-34	8	100	
Gardnerville	G24-35	G24-21A	8	337	
Gardnerville	G24-35	G24-36	8	259	
Gardnerville	G24-38	G24-39	12	329	In the future, G24-38 will connect into the CH-1 G24-37 will be the end of this line
Gardnerville	G24-28	G24-38A	15	81	
Gardnerville	G24-38A	G24-38A-1	15	188	
Gardnerville	G24-38A-1	G24-38A-2	15	255	
Gardnerville	G24-38A-2	G24-38A-3	8	110	
Gardnerville	G24-38A-3	G24-38A-4	15	154	
Gardnerville	G24-38A-4	G24-38A-5	15	149	
Gardnerville	G24-38A-5	G24-38A-6	15	268	
Gardnerville	G24-38A-6	G24-38A-7	15	242	
Gardnerville	G24-38A-7	G24-38A-8	15	44	
Gardnerville	G24-38A-8	G24-38A-9	15	166	
Gardnerville	G24-38A-9	G24-38A-10	15	252	
Gardnerville	G24-38A-10	G24-38A-11	15	243	
Gardnerville	G24-38A-11	G24-38A-12	15	247	
Gardnerville	G24-38A-12	G24-38A-13	15	256	
Gardnerville	G24-38A-13	G24-38A-14	15	220	
Gardnerville	G24-38A-14	G24-38A-15	15	100	
Gardnerville	G24-38A-15	G24-38A-16	8	181	
Gardnerville	G24-38A-16	G24-38A-17	6	180	
Gardnerville	G24-38A-17	G24-38A-18	8	147	
Gardnerville	G24-38A-18	G24-38A-19	6	222	
Gardnerville	G24-38A-19	G24-38A-20	8	214	
Gardnerville	G24-38A-20	G24-38A-21	8	212	
Gardnerville	G24-38A-21	G24-38A-22	8	48	
Gardnerville	G24-38A-22	G24-38A-23	6	239	
Gardnerville	G24-39	G24-40	8	311	
Gardnerville	G24-39	G24-41	12	261	
Gardnerville	G24-41	G24-42	12	260	
Gardnerville	G25	G26	12	308	
Gardnerville	G25	R-28-9	12	70	
Gardnerville	G26	G27	12	275	
Gardnerville	G27	G28	12	240	
Gardnerville	G28	G28-1	12	326	
Gardnerville	G28-1	G28-2	12	394	
Gardnerville	G28-2	G28-3	12	187	
Gardnerville	G28-3	G28-4	8	60	
Gardnerville	G28-4	G28-5	8	91	
Gardnerville	G28-3	G28-6	10	134	
Gardnerville	G28-6	G28-7	10	161	
Gardnerville	G28-7	G28-8	8	137	
Gardnerville	G28-8	G28-9	8	68	
Gardnerville	G28-9	G28-10	8	122	
Gardnerville	G28-8	G28-11	8	87	
Gardnerville	G28-11	G28-12	8	144	
Gardnerville	G28-7	G28-13	10	165	
Gardnerville	G28-13	G28-14	10	99	
Gardnerville	G28-14	G28-15	10	52	
Gardnerville	G28-14	G24-19	8	325	Overflow manhole to allow flow to G28-14
Gardnerville	G28-15	G28-16	10	80	
Gardnerville	G28-16	G28-17	8	98	
Gardnerville	G28-16	G28-18	8	118	
Gardnerville	G28-18	G28-18A	8	136	
Gardnerville	G28-18	G28-19	8	216	
Gardnerville	G28-19	G28-19A	8	167	
Gardnerville	G28-19	G28-20	8	30	
Gardnerville	G28-20	G28-20A	8	128	
Gardnerville	G28-20	G28-21	8	168	
Gardnerville	G28-21	G28-22	8	138	
Gardnerville	G28-22	G28-23	8	181	

Gardnerville	G28-21	G28-24	8	104	
Gardnerville	G28-24	G28-25	8	141	
Gardnerville	G28-25	G28-26	8	349	
Gardnerville	G28-21	G28-27	8	144	
Gardnerville	G28-27	G28-28	8	121	
Gardnerville	G28-27	G28-29	8	203	
Gardnerville	G28-29	G28-30	8	285	
Gardnerville	G28-29	G28-31	8	159	
Gardnerville	G28-31	G28-32	8	75	
Gardnerville	G28-32	G28-33	8	242	
Gardnerville	G28-33	G28-34	8	193	
Gardnerville	G28-34	G28-35	8	78	
Gardnerville	G28-35	G28-36	8	171	
Gardnerville	G28-36	G28-36A	6	173	
Gardnerville	G28-35	G28-37	8	262	
Gardnerville	G28-35	G28-37	8	262	
Gardnerville	G28	G29	12	176	
Gardnerville	G29	G30	12	140	
Gardnerville	G30	G31	12	217	
Gardnerville	G31	G32	12	142	
Gardnerville	G32	G32-1	8	98	
Gardnerville	G32	G33	12	365	
Gardnerville	G33	G34	12	238	
Gardnerville	G34	G35	12	176	
Gardnerville	G35	G36	12	201	
Gardnerville	G36	G37	12	401	
Gardnerville	G37	G38	12	410	
Gardnerville	G38	G39	12	208	
Gardnerville	G38	G38-1A	10	304	
Gardnerville	G38-1A	G38-1B	10	315	
Gardnerville	G38-1B	G38-2	10	289	
Gardnerville	G38-2	G38-3	8	44	
Gardnerville	G38-3	G38-4	8	102	
Gardnerville	G38-4	G38-5	8	125	
Gardnerville	G38-5	G38-6	8	299	
Gardnerville	G38-5	G38-9	8	283	
Gardnerville	G38-6	G38-7	8	300	
Gardnerville	G38-7	G38-8	8	284	
Gardnerville	G38-9	G38-10	8	154	
Gardnerville	G38-10	G38-11	8	193	
Gardnerville	G38-11	G38-12	8	194	
Gardnerville	G38-12	G38-13	8	173	
Gardnerville	G38-12A	G38-12	8	230	
Gardnerville	G38-13	G38-14	8	166	
Gardnerville	G38-2	G38-15	8	61	
Gardnerville	G38-15	G38-16	8	206	
Gardnerville	G38-16	G38-17	8	231	
Gardnerville	G38-17	G38-18	8	237	
Gardnerville	G38-18	G38-19	8	91	
Gardnerville	G38-17	G38-21	8	183	
Gardnerville	G38-18	G38-20	8	94	
Gardnerville	G38-18	G38-19	8	92	
Gardnerville	G38-20	G38-29	6	208	
G					

**MINDEN AREA (M)**  
**PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Length	Notes
Minden	M1	M1-1	15	47	
Minden	M1-1	M1-2	15	500	
Minden	M1-2	M1-3	15	500	
Minden	M1-3	M1-4	15	455	
Minden	M1-4	M1-5	15	277	
Minden	M1-5	M1-6	15	172	
Minden	M1-6	M1-7	15	463	
Minden	M1-7	M1-8	8	80	
Minden	M1-8	M1-9	8	183.5	
Minden	M1-9	M1-10	8	229	
Minden	M1-9	M1-B1	8	201	
Minden	M1-B1	M1-B2	8	85	
Minden	M1-B1	M1-B3	8	120	
Minden	M1-B3	M1-B6	6	35	
Minden	M1-B3	M1-B4	6	86	
Minden	M1-B4	M1-B5	6	223	
Minden	M1-B6	M1-B9	6	69	
Minden	M1-B6	M1-B7	6	179	
Minden	M1-B7	M1-B8	6	190	
Minden	M1-10	M1-11	8	361	
Minden	M1-11	M1-12	8	310	
Minden	M1-12	M1-13	8	311	
Minden	M1-13	M1-13-1	8	41	
Minden	M1-13-1	M1-13-2	8	142	
Minden	M1-13-2	M1-13-3	8	141	
Minden	M1-13	M1-14	8	320	
Minden	M1-7	M1-15	15	415	
Minden	M1-15	M1-16	15	164	
Minden	M1-16	M1-17	15	216	
Minden	M1-17A	M1-17	15	302	
Minden	M1-17A	M1-18	15	9	
Minden	M1-18	M1-19	8	55	
Minden	M1-19	M1-20	8	186	
Minden	M1-18	M1-21	15	315	
Minden	M1-21	M1-22	15	353	
Minden	M1-22	M1-23	15	439	
Minden	M1-23	M1-24	12	7	
Minden	M1-24	M1-25	12	301	
Minden	M1-25	M1-26	8	200	
Minden	M1-26	M1-27	8	197	
Minden	M1-27	M1-28	8	120	
Minden	M1-28	M1-29	8	340	
Minden	M1-29	M1-29A	8	212	
Minden	M1-29A	M1-30	8	150	
Minden	M1-30	M1-31	8	274	
Minden	M1-31	M1-32	8	71	
Minden	M1-32	M1-33	8	181	
Minden	M1-23	M1-34	12	169	
Minden	M1-34	M1-35	8	335	
Minden	M1-35	M1-36	8	72	
Minden	M1-36	M1-37	8	298	
Minden	M1-37	M1-38	8	71	
Minden	M1-38	M1-39	8	259	
Minden	M1-39	M1-40	8	320	
Minden	M1-40	M1-41	8	315	
Minden	M1-41	M1-42	8	351	
Minden	M1-42	M1-43	8	31	
Minden	M1-43	M1-44	6	76	
Minden	M1-44	M1-45	6	50	
Minden	M1-45	M1-46	6	150	
Minden	M1-46	M1-47	6	126	
Minden	M1-47	M1-48	6	74	
Minden	M1-48	M1-49	6	376	
Minden	M1-49	M1-50	6	515	
Minden	M1-50	M1-51	6	303	
Minden	M1-34	M1-52	12	306	
Minden	M1-52	M1-53	6	328	
Minden	M1-53	M1-54	6	366	
Minden	M1-54	M1-55	6	372	
Minden	M1-55	M1-56	6	323	
Minden	M1-56	M1-57	6	397	
Minden	M1-57	M1-58	6	330	
Minden	M1-58	M1-59	6	319	
Minden	M1-59	M1-60	6	237	
Minden	M1-60	M1-49	6	121	Overflow from M1-49 to M1-60
Minden	M1-52	M1-61	12	283	
Minden	M1-61	M1-62	8	319	
Minden	M1-62	M1-63	8	362	
Minden	M1-63	M1-64	8	475	
Minden	M1-64	M1-65	8	246	
Minden	M1-65	M1-66	8	281	
Minden	M1-66	M1-67	8	312	
Minden	M1-67	M1-68	8	343	
Minden	M1-68	M1-69	8	307	
Minden	M1-69	M1-70	8	342	
Minden	M1-61	M1-71	12	117	
Minden	M1-71	M1-72	12	451	
Minden	M1-72	M1-73	8	65	
Minden	M1-73	M1-74	8	244	
Minden	M1-74	M1-88	6	371	Overflow from M1-88 to M1-74
Minden	M1-74	M1-75	8	256	
Minden	M1-75	M1-76	8	457	
Minden	M1-76	M1-77	8	317	
Minden	M1-77	M1-78	8	299	
Minden	M1-78	M1-78a	8	351	
Minden	M1-78a	M1-79	8	360	
Minden	M1-79	M1-80	8	214	
Minden	M1-80	M1-81	8	135	
Minden	M1-80	M1-102	12	244	

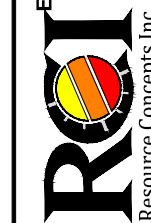
Minden	M1-81	M1-81a	8	278	
Minden	M1-81a	M1-81b	8	275	
Minden	M1-81b	M1-82	8	45	
Minden	M1-82	G1-9	8	240	Connection from the G-line to the M-line
Minden	M1-82	M1-83	8	242	
Minden	M1-83	M1-84	8	122	
Minden	M1-84	M1-84A	8	223	
Minden	M1-84A	M1-85	8	180	
Minden	M1-72	M1-86	12	461	
Minden	M1-86	M1-87	12	201	
Minden	M1-87	M1-88	8*	47	
Minden	M1-88	M1-89	6	45	
Minden	M1-89	M1-90	6	323	
Minden	M1-90	M1-91	6	150	
Minden	M1-91	M1-92	6	409	
Minden	M1-92	M1-93	6	329	
Minden	M1-93	M1-94	6	107	
Minden	M1-94	M1-95	6	200	
Minden	M1-95	M1-102	6	37	Overflow from M1-102 to M1-82
Minden	M1-87	M1-96	12	262	
Minden	M1-96	M1-97	12	135	
Minden	M1-97	M1-98	12	291	
Minden	M1-98	M1-99	12	352	
Minden	M1-99	M1-100	12	105	
Minden	M1-100	M1-101	12	435	
Minden	M1-101	M1-102	8*	48	
Minden	M1-102	M1-103	6	164	
Minden	M1-101	M1-104	12	414	
Minden	M1-104	M1-105	12	499	
Minden	M1-105	G1	12	292	
Minden	M1-17A	M1-17	15	302	
Minden	M1-17A	M1-18	15	9	
Minden	M1	M2	24	517	
Minden	M2	M3	24	280	
Minden	M3	M4	24	544	
Minden	M4	M5	24	460	
Minden	M5	M6	24	492	
Minden	M6	M6-1	8	200	
Minden	M6	M7	24	72	
Minden	M7	M7-1	8	87	
Minden	M7-1	M7-2	24	110	
Minden	M7-2	M8	24	263	
Minden	M7	M8	24	321	
Minden	M8	M9	24	412	
Minden	M9	M10	24	329	
Minden	M10	M10-A1	12	248	
Minden	M10	M10-B1	12	88	
Minden	M10-B1	M10-B2	12	388	
Minden	M10-B2	M10-B3	8*	67	
Minden	M10-B3	M10-B4	8	201	
Minden	M10-B3	M10-B5	8	209	
Minden	M10-B5	M10-B6	6	220	
Minden	M10-B2	M10-B7	12	422	
Minden	M10-B7	M10-B8	8	319	
Minden	M10-B8	M10-B9	8	147	
Minden	M10-B8	M10-B10	8	304	
Minden	M10-B10	M10-B11	8	366	
Minden	M10-B7	M10-B14	12	425	
Minden	M10-B14	M10-B15	10	80	
Minden	M10-B15	M10-B16	10	204	
Minden	M10-B16	M10-B17	10	97	
Minden	M10-B17	M10-B18	8	143	
Minden	M10-B14	M10-B19	12	446	
Minden	M10-B19	M10-B19A	12	328	
Minden	M10-B20	M1-71	12	92	Gate in M1-71 to allow flushing to M1-6
Minden	M10-B19A	M10-B20	12	330	
Minden	M10-B11A	M10-B11	8	323	
Minden	M10-B11A	M10-B12	8	326	
Minden	M10-B12A	M10-B12	8	315	
Minden	M10-B12A	M10-B13	8	331	
Minden	M10	M11	21	240	
Minden	M11	M11-1	8*	30	
Minden	M11-1	M11-2	8	91	
Minden	M11-2	M11-3	8*	46	
Minden	M11-3	M11-4	8*	199	
Minden	M11-2	M11-5	8	145	
Minden	M11-5	M11-6	8	310	
Minden	M11-6	M11-7	8	116	
Minden	M11-7	M11-8	8	70	
Minden	M11-8	M11-9	8	237	
Minden	M11-5	M11-10	8	236	
Minden	M11-10	M11-10A	8	103	
Minden	M11-10	M11-11	8	291	
Minden	M11-11	M11-12	8	176	
Minden	M11-12	M11-13	8	84	
Minden	M11	M12	21	304	
Minden	M12	M13	21	423	
Minden	M13	M13-1	10	100	
Minden	M13-1	M13-1A	8	46	
Minden	M13-1A	M13-1B	8	128	
Minden	M13-1	M13-2	10	178	
Minden	M13-2	M13-2A	8	162	
Minden	M13-2	M13-3	10	316	
Minden	M13-3	M13-4	10	271	
Minden	M13-4	M13-5	10	264	
Minden	M13-5	M13-6	10	120	
Minden	M13-6	M13-7	10	171	
Minden	M13-7	M13-8	10	303	
Minden	M13-8	M13-9	10	174	
Minden	M13-3	M13-10	10	221	

Minden	M13-10	M13-11	10	373	
Minden	M13-10	M13-12	10	112	
Minden	M13-12	M13-13	10	284	
Minden	M13-13	M13-14	10	256	
Minden	M13-13	M13-15	10	196	
Minden	M13-15	M13-16	10	145	
Minden	M13-16	M13-17	10	385	
Minden	M13-17	M13-18	10	337	
Minden	M13	M14	21	159	
Minden	M14	M15	21	301	
Minden	M15	M15-1	10	140	
Minden	M15	M16	21	184	
Minden	M16	M17	21	154	
Minden	M17	M17-1	10	190	
Minden	M17	M18	21	137	
Minden	M18	M18-1	8	290	
Minden	M18	R1	21	209	
<b>Total</b>				<b>51,415.50</b>	

\* INFORMATION IS ASSUMED



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DATE

REVISION

Minden-Gardnerville Sanitation District  
System Mapping

Manhole Numbers & Pipe Information  
Minden Area

JOB NO.: 18-001.6

DATE: June 2018

DESIGNED:

DRAWN: MLM

CHECKED:

SHEET 22



Know what's below.  
Call before you dig.



**MONTERRA AREA (MT)**  
**PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Length	Notes
Monterra	W-22	MT-1	12	131	
Monterra	MT-1	MT-2	12	300	
Monterra	MT-2	MT-3	12	280	
Monterra	MT-3	MT-4	12	282	
Monterra	MT-4	MT-5	12	280	
Monterra	MT-5	MT-6	12	277	
Monterra	MT-7	MT-8	6	134	
Monterra	MT-8	MT-9	8	159	
Monterra	MT-9	MT-10	8	209	
Monterra	MT-14	MT-14	8	294	
Monterra	MT-5	MT-32	10	302	
Monterra	MT-10	MT-11	6	122	
Monterra	MT-10	MT-12	6	151	
Monterra	MT-9	MT-13	6	151	
Monterra	MT-8	MT-14	8	249	
Monterra	MT-14	MT-15	8	205	
Monterra	MT-2	MT-14	8	305	
Monterra	MT-29	MT-26	10	286	
Monterra	MT-26	MT-34	8	251	
Monterra	MT-15	MT-16	6	285	
Monterra	MT-14	MT-17	8	268	
Monterra	MT-17	MT-18	8	242	
Monterra	MT-18	MT-19	6	242	
Monterra	MT-17	MT-27	8	268	
Monterra	MT-27	MT-20	6	90	
Monterra	MT-27	MT-21	8	300	
Monterra	MT-21	MT-22	8	292	
Monterra	MT-22	MT-23	6	284	
Monterra	MT-24	MT-25	6	122	
Monterra	MT-25	MT-26	8	300	
Monterra	MT-26	MT-28	8	129	
Monterra	MT-29	MT-29	10	286	
Monterra	MT-29	MT-30	10	299	
Monterra	MT-30	MT-31	10	286	
Monterra	MT-31	MT-32	10	286	
Monterra	MT-32	MT-33	8	176	
<b>Total</b>				<b>8,523.00</b>	

**MONTE VISTA AREA (MV)**  
**PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Length	Notes
Monte Vista	MV-1	MV-2	24	61	
Monte Vista	MV-2	MV-3	12	127	
Monte Vista	MV-3	MV-4	12	213	
Monte Vista	MV-4	MV-5	12	300	
Monte Vista	MV-5	MV-6	12	140	
Monte Vista	MV-6	MV-7	10	192	
Monte Vista	MV-7	MV-8	10	299	
Monte Vista	MV-8	MV-9	10	165	
Monte Vista	MV-9	MV-10	10	171	
Monte Vista	MV-10	MV-11	10	181	
Monte Vista	MV-11	MV-12	10	238	
Monte Vista	MV-12	MV-13	10	69	
Monte Vista	MV-13	MV-14	10	95	
Monte Vista	MV-14	MV-15	10	128	
Monte Vista	MV-15	MV-16	8	290	
Monte Vista	MV-16	MV-17	8	136	
Monte Vista	MV-17	MV-18	8	235	
Monte Vista	MV-18	MV-18-1	8	202	
Monte Vista	MV-18-1	MV-18-2	8	202	
Monte Vista	MV-18-2	MV-18-3	8	113	
Monte Vista	MV-18-3	MV-18-4	8	78	
Monte Vista	MV-15	MV-19	10	233	
Monte Vista	MV-19	MV-20	8	115	
Monte Vista	MV-20	MV-21	8	127	
Monte Vista	MV-21	MV-22	8	262	
Monte Vista	MV-22	MV-23	8	183	
Monte Vista	MV-23	MV-24	8	215	
Monte Vista	MV-24	MV-25	8	50	
Monte Vista	MV-26	MV-27	8	50	
Monte Vista	MV-27	MV-28	8	157	
Monte Vista	MV-28	MV-29	8	119	
Monte Vista	MV-21	MV-33	8	290	
Monte Vista	MV-33	MV-36	6	105	
Monte Vista	MV-33	MV-34	8	192	
Monte Vista	MV-34	MV-35	6	50	
Monte Vista	MV-20	MV-30	8	300	
Monte Vista	MV-30	MV-31	8	201	
Monte Vista	MV-31	MV-32	6	205	
Monte Vista	MV-22	MV-39	8	257	
Monte Vista	MV-39	MV-38	8	212	
Monte Vista	MV-38	MV-37	6	60	
Monte Vista	MV-22	MV-41	8	264	
Monte Vista	MV-41	MV-42	6	71	
Monte Vista	MV-42	MV-43	8	289	
Monte Vista	MV-41	MV-40	6	210	
<b>Total</b>				<b>7,852.00</b>	

**PLANT (P)**  
**PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Length	Notes
Plant	P1	P2	30	40	
Plant	P2	P3	30	33	
Plant	P3	P4	36	23	
<b>TOTAL</b>				<b>96</b>	

Area	From Manhol	To Manhol	Diameter	Length	Notes
Ranchos	R1	R2	21	497	
Ranchos	R2	R3	21	507	
Ranchos	R3	R4	21	537	
Ranchos	R4	R5	21	215	
Ranchos	R5	R6	21	178	
Ranchos	R6	R7	21	95	
Ranchos	R7	R8	21	153	
Ranchos	R8	R9	21	496	
Ranchos	R9	R10	21	404	
Ranchos	R9a	R9a-1	8	272	
Ranchos	R9a-1	R9a-2	8	272	
Ranchos	R9a-2	R9a-3	8	272	
Ranchos	R9a-3	R9a-4	8	272	
Ranchos	R9a-4	R9a-5	8	328	
Ranchos	R9a-5	R9a-6	8	312	
Ranchos	R9a-6	R9a-7	6	86	
Ranchos	R9a-7	R9a-8	6	223	
Ranchos	R9a-8	R9a-9	6	134	
Ranchos	R10	R11	21	486	
Ranchos	R11	R12	21	513	
Ranchos	R12	R13	21	362	
Ranchos	R13	R14	21	543	
Ranchos	R14	R14-1	8	269	
Ranchos	R14-1	R14-2	8	39	
Ranchos	R14-2	R14-3	8	300	
Ranchos	R14-3	R14-4	8	301	
Ranchos	R14-4	R14-5	8	171	
Ranchos	R14-5	R14-6	8	302	
Ranchos	R14-3	R14-7	8	244	
Ranchos	R14-7	R14-8	8	281	
Ranchos	R14-8	R14-9	8	154	
Ranchos	R14-2	R14-10	8	288	
Ranchos	R14-10	R14-11	8	217	
Ranchos	R14-11	R14-12	8	164	
Ranchos	R14-12	R14-13	8	324	
Ranchos	R14-13	R14-14	8	357	
Ranchos	R14-13	R14-15	8	96	
Ranchos	R14-15	R14-16	8	233	
Ranchos	R14-16	R14-17	8	185	
Ranchos	R14	R15	21	284	
Ranchos	R15	R16	21	498	
Ranchos	R16	R17	21	453	
Ranchos	R17	R17-1	8	224	
Ranchos	R17-1	R17-2	8	225	
Ranchos	R17-2	R17-3	8	169	
Ranchos	R17-3	R17-4	8	169	
Ranchos	R17-2	R17-6	8	323	
Ranchos	R17-6	R17-7	8*	75	
Ranchos	R17-7	R17-8	8*	75	
Ranchos	R17	R18	21	266	
Ranchos	R18	R18-1	8	171	
Ranchos	R18	R19	21	242	
Ranchos	R19	R19-1	15	51	
Ranchos	R19-1	R19-2	15	324	
Ranchos	R19-2	R19-2A	15	365	
Ranchos	R19-2	R19-3	15	381	
Ranchos	R19-2A	R19-3	15	34	
Ranchos	R19-3	R19-4	15	264	
Ranchos	R19-3	R19-5	10*	178	
Ranchos	R19-5	R19-6	8	270	
Ranchos	R19-6	R19-7	6	98	
Ranchos	R19-7	R19-8	6	103	
Ranchos	R19-1	R19-9	15	287	
Ranchos	R19-9	R19-10	8	79	
Ranchos	R19-10	R19-10a	8	219	
Ranchos	R19-10a	R19-11	8	143	
Ranchos	R19-11	R19-13	8	323	
Ranchos	R19-13	R19-14	8	85	
Ranchos	R19-14	R19-15	8	295	
Ranchos	R19-15	R19-16	8	38	
Ranchos	R19-16	R19-17	8	181	
Ranchos	R19-17	R19-18	8	213	
Ranchos	R19-18	R19-19	6	354	
Ranchos	R19-19	R19-20	6	103	
Ranchos	R19	R20	21	77	
Ranchos	R20	R21	21	425	
Ranchos	R21	R21-1	10	304	
Ranchos	R21-1	R21-2	10	325	
Ranchos	R21-2	R21-3	10	244	
Ranchos	R21-3	R21-4	10	156	
Ranchos	R21-4	R21-5	8	125	
Ranchos	R21-5	R21-6	8*	62	
Ranchos	R21-6	R21-7	6	156	
Ranchos	R21-7	R21-8	6	89	
Ranchos	R21-8	R21-9	6	112	
Ranchos	R21-4	R21-10	8	94	
Ranchos	R21-10	R21-11	8	217	
Ranchos	R21-11	R21-12	6	151	
Ranchos	R21-11	R21-13	8	219	
Ranchos	R21-13	R21-14	6	119	
Ranchos	R21-13	R21-15	8	343	
Ranchos	R21-15	R21-16	6	167	
Ranchos	R21-16	R21-17	6	214	
Ranchos	R21-4	R21-18	10	144	
Ranchos	R21-18	R21-19	10	24	
Ranchos	R21-19	R21-20	8	189	
Ranchos	R21-20	R21-21	8	165	
Ranchos	R21-21	R21-22	6	135	
Ranchos	R21-21	R21-23	6	211	

**RANCHOS INTERCEPTOR AREA (R)**  
**PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Length	Notes
Ranchos	R21-19	R21-24	10	187	
Ranchos	R21-24	R21-25	6	121	
Ranchos	R21-24	R21-26	10	53	
Ranchos	R21-26	R21-27	10	172	
Ranchos	R21-27	R21-28	6	270	
Ranchos	R21-28	R21-29	6	130	
Ranchos	R21-27	R21-30	8	198	
Ranchos	R21-30	R21-31	8	108	
Ranchos	R21-31	R21-32	8	115	
Ranchos	R21-32	R21-33	6	82	
Ranchos	R21-32	R21-34	8	273	
Ranchos	R21-34	R21-35	6	302	
Ranchos	R21-35	R21-36	6	173	
Ranchos	R21-27	R21-37	10	236	
Ranchos	R21-37	R21-38	10	217	
Ranchos	R21-38	R21-39	10	198	
Ranchos	R21-39	R21-40	10	125	
Ranchos	R21-40	R21-41	10	228	
Ranchos	R21-41	R21-42	10	324	
Ranchos	R21	R22	21	298	
Ranchos	R22	R23	21	309	
Ranchos	R23	R24	21	218	
Ranchos	R24	R24-1	8	128	
Ranchos	R24-1	R24-2	8	124	
Ranchos	R24	R25	21	93	
Ranchos	R25	R26	21	310	
Ranchos	R26	R27	21	216	
Ranchos	R27	R28	21	70	
Ranchos	R28	R28-1	15	377	
Ranchos	R28-1	R28-2	15	402	
Ranchos	R28-2	R28-3	15	311	
Ranchos	R28-3	R28-4	15	258	
Ranchos	R28-4	R28-5	15	364	
Ranchos	R28-5	R28-6	15	76	
Ranchos	R28-6	R28-7	15	246	
Ranchos	R28-7	R28-8	15	359	
Ranchos	R28-8	R28-9	8	25	
Ranchos	R28-9	R28-10	8	166	
Ranchos	R28-10	R28-11	8	78	
Ranchos	R28-11	R28-12	8	106	
Ranchos	R28-12	R28-13	8	42	
Ranchos	R28-13	R28-14	8	99	
Ranchos	R28-14	R28-15	8	272	
Ranchos	R28-15	R28-16	8	202	
Ranchos	R28-16	R28-17	8	183	
Ranchos	R28-17	R28-18	8	66	
Ranchos	R28-18	R28-19	8	116	
Ranchos	R28-19	R28-20	8	89	
Ranchos	R28-20	R28-21	8	122	
Ranchos	R28-21	R28-22	8	160	
Ranchos	R28-22	R28-22a	8	65	
Ranchos	R28-22	R28-23	8	264	
Ranchos	R28-22-2	R22-3	8	200	
Ranchos	R28-22-3	R22-4	8	140	
Ranchos	R28-22-4	R22-5	8	25	

**THE RANCH AT GARDNERVILLE INTERCEPTOR AREA (RG)  
PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Leigt	Notes
Ranch at Gardnerville	RG1	RG2	8	250	
Ranch at Gardnerville	RG2	RG3	8	136	
Ranch at Gardnerville	RG2	RG4	8	300	
Ranch at Gardnerville	RG2	RG6	8	214	
Ranch at Gardnerville	RG4	RG5	8	250	
Ranch at Gardnerville	RG6	RG7	8	214	
Ranch at Gardnerville	RG7	RG8	8	248	
Ranch at Gardnerville	RG7	RG12	8	300	
Ranch at Gardnerville	RG8	RG9	8	120	
Ranch at Gardnerville	RG9	RG10	8	228	
Ranch at Gardnerville	RG9	RG14	8	180	
Ranch at Gardnerville	RG10	RG11	8	98	
Ranch at Gardnerville	RG13	RG33	8	197	
Ranch at Gardnerville	RG15	RG33	8	214	
Ranch at Gardnerville	RG15	RG16	8	84	
Ranch at Gardnerville	RG16	RG17	8	120	
Ranch at Gardnerville	RG18	RG23	8	81	
Ranch at Gardnerville	RG18	RG19	8	120	
Ranch at Gardnerville	RG19	RG20	8	160	
Ranch at Gardnerville	RG20	RG21	8	150	
Ranch at Gardnerville	RG21	RG22	8	155	
Ranch at Gardnerville	RG22	RG32	8	145	
Ranch at Gardnerville	RG23	RG24	8	28	
Ranch at Gardnerville	RG24	RG25	8	181	
Ranch at Gardnerville	RG25	RG26	8	97	
Ranch at Gardnerville	RG26	RG27	8	118	
Ranch at Gardnerville	RG27	RG28	8	23	
Ranch at Gardnerville	RG25	RG29	8	65	
Ranch at Gardnerville	RG29	RG30	8	33	
Ranch at Gardnerville	RG30	RG31	8	127	
Ranch at Gardnerville	RG32	RG43	8	279	
Ranch at Gardnerville	RG32	RG33	18	198	
Ranch at Gardnerville	RG33	RG34	18	141	
Ranch at Gardnerville	RG34	RG35	18	252	
Ranch at Gardnerville	RG35	RG44	8	129	
Ranch at Gardnerville	RG35	RG36	18	277	
Ranch at Gardnerville	RG36	RG37	18	144	
Ranch at Gardnerville	RG37	RG38	8	54	
Ranch at Gardnerville	RG38	RG39	8	72	
Ranch at Gardnerville	RG39	RG40	8	130	
Ranch at Gardnerville	RG40	RG41	8	136	
Ranch at Gardnerville	RG41	RG42	8	318	
Ranch at Gardnerville	RG44	RG45	8	145	
Ranch at Gardnerville	RG45	RG46	8	67	
<b>TOTAL</b>				<b>6,978.00</b>	

**WESTWOOD AREA (V)  
PIPE LENGTHS (MANHOLE TO MANHOLE)**

Westwood	V1	V2	12	247	
Westwood	V2	V2-1	8	65	
Westwood	V2-1	V2-2	8	270	
Westwood	V2-2	V2-3	8	240	
Westwood	V2-3	V2-4	8	32	
Westwood	V2-4	V2-5	8	277	
Westwood	V2-5	V2-6	8	315	
Westwood	V3	V3	12	265	
Westwood	V3	V3-1	8	343	
Westwood	V3-1	V3-2	8	279	
Westwood	V3-2	V3-3	8	344	
Westwood	V3-3	V3-4	8	253	
Westwood	V3	V4	12	457	
Westwood	V4	V5	12	232	
Westwood	V5	V5-A1	8*	389	
Westwood	V5-A1	V5-A2	8	298	
Westwood	V5-A1	V5-A3	8	249	
Westwood	V5-A3	V5-A4	8	206	
Westwood	V5-A4	V5-A5	8	251	
Westwood	V5	V5-B1	12	269	
Westwood	V5-B1	V5-B2	8	214	
Westwood	V5-B2	V5-B3	8	214	
Westwood	V5-B1	V5-B4	8	27	
Westwood	V5-B4	V5-B5	8	66	
Westwood	V5-B6	V5-B6	8	154	
Westwood	V5-B6	V5-B7	8	194	
Westwood	V5-B1	V5-B8	12	284	
Westwood	V5-B8	V5-B9	8	127	
Westwood	V5-B9	V5-B10	8	143	
Westwood	V5-B10	V5-B11	8	337	
Westwood	V5-B8	V5-B12	12	346	
Westwood	V5-B12	V5-B13	12	361	
Westwood	V5-B13	V5-B14	8	245	
Westwood	V5-B14	V5-B15	8	216	
Westwood	V5-B13	V5-B16	8*	218	
Westwood	V5-B16	V5-B17	8	186	
Westwood	V5-B17	V5-B18	8	76	
Westwood	V5-B17	V5-B19	8	271	
Westwood	V5-B13	V5-B20	12	267	
Westwood	V5-B20	V5-B21	12	231	
Westwood	V5-B21	V5-B22	8	201	
Westwood	V5-B21	V5-B23	8	276	
Westwood	V5-B23	V5-B24	8	176	
Westwood	V5-B21	V5-B25	12	394	
Westwood	V5-B25	V5-B26	8	324	
Westwood	V5-B26	V5-B27	8	312	
Westwood	V5-B27	V5-B28	8	200	
Westwood	V5-B8	V5-B29	12	105	
Westwood	V5-B29	V5-B30	12	152	
Westwood	V5-B30	V5-B31	8	90	
Westwood	V5-B31	V5-B32	8	137	
Westwood	V5-B32	V5-B33	8	158	
Westwood	V5-B30	V5-B34	12	153	
Westwood	V5-B34	V5-B35	12	136	
Westwood	V5-B35	V5-B36	10	198	
Westwood	V5-B36	V5-B37	8	197	
Westwood	V5-B37	V5-B38	6	156	
Westwood	V5-B35	V5-B39	12	297	
Westwood	V5-B39	V5-B40	10	177	
Westwood	V5-B40	V5-B41	8	104	
Westwood	V5-B41	V5-B42	8	145	
Westwood	V5	V6	12	282	
Westwood	V6	V7	12	155	
Westwood	V7	V7-1	8*	209	
Westwood	V10	V10-1	8	204	
Westwood	V10	V10-1	8	204	
Westwood	V10-1	V10-2	8	189	
Westwood	V10-2	V10-3	8	124	
Westwood	V10-2	V10-4	8	165	
Westwood	V10-4	V10-5	8	133	
Westwood	V10-5	V10-6	8	201	
Westwood	V10-6	V10-7	8	63	
Westwood	V7	V8	12	136	
Westwood	V8	V9	12	206	
Westwood	V9	V10	12	298	
Westwood	V10	V11	8	241	
Westwood	V11	V11-1	8	105	
Westwood	V11-1	V11-2	8	156	
Westwood	V11-2	V11-3	8	210	
Westwood	V11	V12	8	311	
Westwood	V12	V12-1	8	288	
Westwood	V12-1	V12-2	8	305	
Westwood	V12-2	V12-3	8	312	
Westwood	V12-3	V12-4	8	170	
Westwood	V12-4	V12-5	6	124	
Westwood	V12	V13	8	297	
Westwood	V13	V13-1	8	135	
Westwood	V13	V14	8	185	
Westwood	V14	V14-1	6	398	
Westwood	V14-1	V14-2	6	89	
Westwood	V14	V15	8	162	
Westwood	V15	V15-1	6	84	
Westwood	V15	V16	8	345	
Westwood	V16	V16-1	6	163	
Westwood	V16-1	V16-2	6	164	
Westwood	V16-2	V16-3	6	179	
Westwood	V16	V17	8	115	
Westwood	V17	V17-1	6	315	
Westwood	V17	V18	8	187	
Westwood	V18	V19	8	104	
Westwood	V19	V20	8	381	
Westwood	V20	V21	6	382	
Westwood	V21	V22	6	217	
<b>Total</b>				<b>22,239.00</b>	

**WINHAVEN AREA (W)  
PIPE LENGTHS (MANHOLE TO MANHOLE)**

Area	From Manhol	To Manhol	Diameter	Leigt	Notes
Winhaven	W1	W2	27	160	
Winhaven	W2	W3	27	285	
Winhaven	W3	W4	27	296	
Winhaven	W4	W5	27	349	
Winhaven	W5	W6	27	270	
Winhaven	W6	W7	27	386	
Winhaven	W7	W8	27	782	
Winhaven	W8	W9	27	374	
Winhaven	W9	W10	27	528	
Winhaven	W10	W11	27	411	
Winhaven	W11	W11A	21	200	
Winhaven	W11A	W11A-1	8	299	
Winhaven	W11A-1	W11A-2	8	139	
Winhaven	W11A-2	W11A-3	8	126	
Winhaven	W11A-3	W11A-4	6	300	
Winhaven	W11A-4	W11A-5	8	183	
Winhaven	W11A-5	W11A-6	8	310	
Winhaven	W11A-6	W11A-7	8	169	
Winhaven	W11A-7	W11A-8	6	138	
Winhaven	W11	W12	21	353	
Winhaven	W12	W12-1	8	291	
Winhaven	W12-1	W12-2	8	209	
Winhaven	W12-2	W12-3	8	324	
Winhaven	W12-3	W12-4	8	302	
Winhaven	W12-4	W12-5	6	248	
Winhaven	W12-5	W12-6	6	248	
Winhaven	W12	W13	21	152	
Winhaven	W13	W13A	12	169	
Winhaven	W13A	W13-1	12	230	
Winhaven	W13-1	W13-2	8	347	
Winhaven	W13-2	W13-3	8	246	
Winhaven	W13-3	W13-4	8	257	
Winhaven	W13-4	W13-5	6	121	
Winhaven	W13-4	W13-6	8	177	
Winhaven	W13-6	W13-7	8	139	
Winhaven	W13-7	W13-8	8	187	
Winhaven	W13-8	W13-8A	8	185	
Winhaven	W13-8A	W13-9	6	113	
Winhaven	W13-8	W13-10	8	302	
Winhaven	W13-10	W13-11	8	216	
Winhaven	W13-11	W13-12	8	287	
Winhaven	W13-12	W13-13	6	235	
Winhaven	W13-12	W13-14	6	120	
Winhaven	W13-8	W13-15	8	280	
Winhaven	W13-15	W13-16	8	340	
Winhaven	W13-16	W13-17	8	266	
Winhaven	W13-17	W13-18	8	263	
Winhaven	W13-18	W13-19	6	147	
Winhaven	W13-18	W13-20	6	203	
Winhaven	W13-17	W13-21	8	170	
Winhaven	W13-21	W13-22	6	188	
Winhaven	W13-22	W13-23	6	154	
Winhaven	W13-21	W13-24	8	220	
Winhaven	W13-24	W13-25	6	140	
Winhaven	W13-17	W13-26	8	279	
Winhaven	W13-26	W13-27	8	232	
Winhaven	W13-27	W13-28	6	172	
Winhaven	W13-28	W13-29	6	57	
Winhaven	W13-16	W13-30	8	248	
Winhaven	W13-30	W13-31	8	150	
Winhaven	W13-31	W13-32	8	276	
Winhaven	W13-32	W13-33	8	246	
Winhaven	W13-31	W13-34	8	332	
Winhaven	W13-34	W13-35	6	174	
Winhaven	W13-34	W13-36	8	224	
Winhaven	W13-36	W13-37	6	291	
Winhaven	W13-34	W13-38	8	216	
Winhaven	W13-38	W13-39	6	147	
Winhaven	W13-38	W13-40	8	243	
Winhaven	W13-40	W13-41	6	177	
Winhaven	W13-1	W13-42	12	327	
Winhaven	W13-42	W13-43	12	301	
Winhaven	W13-43	W13-44	8	297	
Winhaven	W13-44	W13-45	8	309	
Winhaven	W13-45	W13-46	8	245	
Winhaven	W13-44	W13-47	8	244	
Winhaven	W13-47	W13-48	8	236	
Winhaven	W13-48	W13-49	8	371	
Winhaven	W13-48	W13-50	8	133	
Winhaven	W13-50	W13-51	8	140	
Winhaven	W13-51	W13-52	8	144	
Winhaven	W13-52	W13-53	6	194	
Winhaven	W13-51	W13-54	8	154	
Winhaven	W13-54	W13-55	6	149	
Winhaven	W13-54	W13-56	8	183	
Winhaven	W13-56	W13-57	8	102	
Winhaven	W13-57	W13-58	6	70	
Winhaven	W13	W14	21	202	
Winhaven	W14	W14-A1	8	115	
Winhaven	W14	W14-B1	12	315	
Winhaven	W14-B1	W14-B2	12	142	
Winhaven	W14-B2	W14-B3	12	388	
Winhaven	W14-B3	W14-B4	10	154	
Winhaven	W14-B3	W14-B5	8	216	
Winhaven	W14	W15	21	270	
Winhaven	W15	W16	21	436	
Winhaven	W16	W17	21	327	
Winhaven	W17	W17-1	12	291	
Winhaven	W17-1	W17-2			



