

APPENDIX A
2015 PAG LiDAR Vertical Accuracy Assessment

2015 PAG LiDAR VERTICAL ACCURACY ASSESSMENT																
													CS	Concrete shot		
Datum: NAD83(2011) Epoch 2010.0													GS	Ground shot		
Projection: Arizona State Plane (ACS83), Central Zone, International Feet													PS	Pavement shot		
Ellipsoid: GRS80													MON	Survey Monument		
Geoid: Geoid12A													60D	Nail		
Vertical Datum: NAVD88													NGS	National Geodetic Survey		
POINT NO.	PID	LATITUDE (N)	LONGITUDE (W)	HGT (IFT)	SOURCE	N (ACS83-C)	E (ACS83-C)	ELEV. (IFT)	rms_x	rms_y	rms_z	Description	CLASS	COMMENT		
101		31°57'18.948500"	111°06'51.366260"	3652.784	Static GPS	348384.43	948855.94	3749.74	0.019	0.019	0.052	MON/ 1/2" REBAR PANEL POINT	Non-veg			
102		31°57'18.055710"	111°03'53.407340"	3302.269	Static GPS	348414.27	964187.37	3399.28	0.018	0.015	0.045	MON/ 1/2" REBAR PANEL POINT	Non-veg			
103		31°57'18.559720"	111°01'41.440170"	3049.209	Static GPS	348556.59	975557.16	3146.22	0.020	0.018	0.060	MON/ 1/2" REBAR PANEL POINT	Non-veg			
104		31°57'26.467780"	110°59'42.363450"	2799.707	Static GPS	349439.06	985810.26	2896.68	0.020	0.018	0.054	MON/ 1/2" REBAR PANEL POINT	Non-veg			
105		31°55'17.024900"	110°59'42.667060"	2824.619	Static GPS	336360.83	985893.63	2921.59	0.029	0.021	0.052	MON/ 1/2" REBAR PANEL POINT	Non-veg			
106		31°55'51.102380"	111°01'01.378940"	3096.258	Static GPS	339745.20	979082.61	3193.24	0.030	0.023	0.090	MON/ 1/2" REBAR PANEL POINT	Non-veg			
107		31°55'44.974250"	111°02'22.061660"	3164.434	Static GPS	339069.75	972135.25	3261.42	0.030	0.024	0.065	MON/ 1/2" REBAR PANEL POINT	Non-veg			
108		31°55'50.016430"	111°04'47.768190"	3496.881	Static GPS	339479.70	959572.83	3593.82	0.026	0.022	0.065	MON/ 1/2" REBAR PANEL POINT	Non-veg			
109		31°55'54.233980"	111°06'51.816270"	3730.734	Static GPS	339824.46	948882.14	3827.61	0.020	0.015	0.046	MON/ 1/2" REBAR PANEL POINT	Non-veg			
110		31°53'56.359970"	111°09'49.326370"	4288.257	Static GPS	327804.66	933667.54	4384.98	0.104	0.118	0.411	MON/ 1/2" REBAR PANEL POINT	Non-veg			
112		31°54'18.714790"	111°04'47.926060"	3496.477	Static GPS	330254.19	959631.65	3593.37	0.023	0.020	0.060	MON/ 1/2" REBAR PANEL POINT	Non-veg			
113		31°54'19.592430"	111°02'52.912950"	3266.117	Static GPS	330419.48	969545.66	3363.06	0.037	0.040	0.113	MON/ 1/2" REBAR PANEL POINT	Non-veg			
114		31°54'22.735280"	111°00'58.223040"	3101.840	Static GPS	330820.29	979429.80	3198.80	0.034	0.026	0.076	MON/ 1/2" REBAR PANEL POINT	Non-veg			
115		31°53'39.690040"	110°59'47.011660"	2834.352	Static GPS	326521.02	985604.82	2931.31	0.041	0.041	0.183	MON/ 1/2" REBAR PANEL POINT	Non-veg			
116		31°53'14.159210"	111°04'02.665120"	3576.174	Static GPS	323762.00	963583.45	3673.07	0.020	0.018	0.062	MON/ 1/2" REBAR PANEL POINT	Non-veg			
117		31°53'19.853730"	111°07'48.015390"	3869.915	Static GPS	324190.25	944152.68	3966.71	0.028	0.022	0.058	MON/ 1/2" REBAR PANEL POINT	Non-veg			
119		31°52'36.064830"	111°05'48.961880"	3563.815	Static GPS	319839.12	954450.17	3660.68	0.034	0.024	0.070	MON/ 1/2" REBAR PANEL POINT	Non-veg			
120		31°52'31.496560"	111°03'20.055110"	3313.719	Static GPS	319480.21	967292.57	3410.63	0.029	0.022	0.054	MON/ 1/2" REBAR PANEL POINT	Non-veg			
121		31°52'35.630400"	111°00'48.442090"	2975.569	Static GPS	320001.21	980360.93	3072.53	0.034	0.032	0.080	MON/ 1/2" REBAR PANEL POINT	Non-veg			
123		31°50'23.094770"	111°03'45.718880"	3238.065	Static GPS	306486.85	965181.36	3335.05	0.024	0.023	0.075	MON/ 1/2" REBAR PANEL POINT	Non-veg			
130		31°48'43.131020"	111°04'09.717360"	3179.999	Static GPS	296368.65	963188.85	3277.09	0.034	0.036	0.133	MON/ 1/2" REBAR PANEL POINT	Non-veg			
131		31°48'42.447840"	111°01'45.107060"	2969.427	Static GPS	296399.11	975667.53	3066.49	0.029	0.028	0.069	MON/ 1/2" REBAR PANEL POINT	Non-veg			
132		31°49'46.954790"	111°00'53.839020"	2947.840	Static GPS	302954.38	980036.87	3044.84	0.026	0.020	0.062	MON/ 1/2" REBAR PANEL POINT	Non-veg			
133		31°51'16.028320"	111°00'11.152800"	2865.933	Static GPS	311985.00	983644.57	2962.89	0.023	0.021	0.073	MON/ 1/2" REBAR PANEL POINT	Non-veg			
134		31°52'14.951740"	110°59'42.820620"	2812.403	Static GPS	317960.71	986037.59	2909.35	0.031	0.026	0.078	MON/ 1/2" REBAR PANEL POINT	Non-veg			
135		31°51'33.899310"	110°57'28.002430"	2838.547	Static GPS	313914.35	997700.14	2935.34	0.021	0.016	0.045	MON/ 1/2" REBAR PANEL POINT	Non-veg			
136		31°47'53.782860"	110°59'16.199010"	2876.212	Static GPS	291588.25	988560.52	2973.09	0.020	0.019	0.060	MON/ 1/2" REBAR PANEL POINT	Non-veg			
137		31°45'16.286140"	111°03'28.856580"	3037.347	Static GPS	275494.01	966879.53	3134.60	0.019	0.016	0.047	MON/ 1/2" REBAR PANEL POINT	Non-veg			
138		31°44'26.030030"	111°01'17.156450"	2993.802	Static GPS	270507.39	978294.38	3090.85	0.012	0.010	0.030	MON/ 1/2" REBAR PANEL POINT	Non-veg			
228		31°44'13.09228"	110°31'12.91739"	4848.156	Static GPS	270840.80	1134118.45	4940.00	0.011	0.011	*	MON/60D TOPO PT	Non-veg	*BM		
229		31°45'03.93166"	110°31'13.13710"	4858.373	Static GPS	275978.15	1134033.59	4950.12	0.036	0.027	0.079	MON/60D TOPO PT	Non-veg			
230		31°44'16.01166"	110°29'08.66342"	4911.802	Static GPS	271275.13	1144845.63	5003.34	0.027	0.029	0.070	MON/60D TOPO PT	Non-veg			
231		31°44'59.72832"	110°29'15.67644"	5010.772	Static GPS	275685.01	1144181.98	5102.23	0.029	0.033	0.089	MON/60D TOPO PT	Non-veg			
232		31°45'51.91419"	110°29'09.23976"	5123.754	Static GPS	280966.02	1144668.48	5215.08	0.023	0.025	0.069	MON/60D TOPO PT	Non-veg			
233		31°46'31.43509"	110°28'45.75583"	5245.255	Static GPS	284986.58	1146643.29	5336.46	0.028	0.021	0.063	MON/60D TOPO PT	Non-veg			
234		31°46'53.49045"	110°28'51.83804"	5227.538	Static GPS	287208.49	1146088.80	5318.73	0.023	0.018	0.061	MON/60D TOPO PT	Non-veg			
301		31°46'47.87023"	110°38'27.13709"	4534.354	Static GPS	286021.56	1096434.74	4627.02	0.021	0.016	0.054	MON/60D TOPO PT	Non-veg			
302		31°47'23.61088"	110°37'55.89993"	4469.918	Static GPS	289665.02	1099088.53	4562.49	0.025	0.025	0.069	MON/60D TOPO PT	Non-veg			
303		31°47'45.75631"	110°37'08.46243"	4414.45	Static GPS	291951.53	1103156.29	4506.91	0.027	0.029	0.076	MON/60D TOPO PT	Non-veg			
304		31°48'20.61183"	110°36'32.44319"	4358.91	Static GPS	295511.08	1106222.64	4451.26	0.026	0.032	0.066	MON/60D TOPO PT	Non-veg			
305		31°48'59.23189"	110°35'51.33789"	4312.534	Static GPS	299456.69	1109722.59	4404.75	*	*	*	MON/60D TOPO PT	Non-veg	Held as Local control		
306		31°50'11.37056"	110°34'32.93700"	4207.744	Static GPS	306829.51	1116397.72	4299.72	0.027	0.023	0.067	MON/60D TOPO PT	Non-veg			

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307		31°49'30.35080"	110°35'12.45304"	4211.826	Static GPS	302642.32	1113039.42	4303.93	0.023	0.018	0.062	MON/60D TOPO PT	Non-veg	
4001		32°17'17.60191"	111°00'45.51350"	2181.317	CORS RTK	469762.16	979359.51	2277.28	n/a	n/a	0.075	GS/ GRASS	Non-veg	
4002		32°19'09.19358"	111°01'57.33850"	2138.708	CORS RTK	480987.78	973100.97	2234.68	n/a	n/a	0.100	GS/ GRASS	Non-veg	
4003		32°19'10.05842"	111°01'59.55704"	2137.958	CORS RTK	481073.61	972909.87	2233.93	n/a	n/a	0.107	CS/ TENNIS COURT	Non-veg	
4004		32°18'06.86073"	111°03'57.10104"	2229.947	CORS RTK	474605.50	962873.93	2326.19	n/a	n/a	0.117	CS/ B BALL COURT	Non-veg	
4005		32°16'41.14265"	111°03'13.90445"	2284.108	CORS RTK	465972.84	966651.10	2380.34	n/a	n/a	0.085	GS/ GRASS	Non-veg	
4006		32°13'22.51407"	111°06'04.47521"	3067.553	CORS RTK	445786.01	952160.00	3164.01	n/a	n/a	0.083	PS	Non-veg	
4007		32°15'00.47190"	111°01'47.99092"	2310.386	CORS RTK	455859.65	974110.88	2406.57	n/a	n/a	0.040	PS	Non-veg	
4008		32°14'23.19813"	110°58'51.37699"	2250.147	CORS RTK	452221.64	989310.83	2346.16	n/a	n/a	0.061	GS/ GRASS	Non-veg	
4009		32°14'06.42486"	110°58'15.77273"	2287.604	CORS RTK	450553.40	992383.71	2383.58	n/a	n/a	0.056	GS/ GRASS	Non-veg	
4010		32°13'59.83070"	110°55'57.77472"	2376.507	CORS RTK	449993.48	1004242.74	2472.23	n/a	n/a	0.086	GS/ GRASS	Non-veg	
4011		32°12'31.61345"	110°57'43.41424"	2325.337	CORS RTK	440996.76	995248.17	2421.43	n/a	n/a	0.088	GS/ DIRT	Non-veg	
4012		32°09'45.67895"	110°57'50.84956"	2393.464	CORS RTK	424222.57	994757.86	2489.86	n/a	n/a	0.075	GS/ DIRT	Non-veg	
4013		32°09'22.93251"	111°01'23.35321"	2405.579	CORS RTK	421767.29	976510.20	2502.22	n/a	n/a	0.090	GS/ DIRT	Non-veg	
4014		32°09'23.22678"	111°01'25.16170"	2406.984	CORS RTK	421795.74	976354.48	2503.63	n/a	n/a	0.078	GS/ GRASS	Non-veg	
4017		32°18'33.73313"	110°49'24.10440"	2636.875	CORS RTK	478000.56	1037774.85	2730.27	n/a	n/a	0.091	PS	Non-veg	
4018		32°19'16.43166"	110°51'03.05733"	2810.560	CORS RTK	482230.08	1029239.46	2904.01	n/a	n/a	0.079	GS/ GRASS	Non-veg	
4019		32°17'34.58446"	110°53'23.52474"	2543.545	CORS RTK	471819.91	1017284.29	2638.06	n/a	n/a	0.084	PS	Non-veg	
4020		32°15'38.76650"	110°54'00.05157"	2334.579	CORS RTK	460085.79	1014259.80	2429.73	n/a	n/a	0.099	GS/ GRASS	Non-veg	
4021		32°15'31.52922"	110°52'26.56964"	2367.659	CORS RTK	459431.41	1022294.07	2462.55	n/a	n/a	0.091	GS/ DIRT	Non-veg	
4022		32°17'41.50874"	110°49'34.79792"	2544.640	CORS RTK	472713.49	1036910.77	2638.35	n/a	n/a	0.094	GS/ DIRT	Non-veg	
4024		32°14'54.70293"	110°50'12.18119"	2446.590	CORS RTK	455823.93	1033871.56	2541.17	n/a	n/a	0.077	CS	Non-veg	
4025		32°14'58.52197"	110°50'12.32085"	2443.018	CORS RTK	456209.76	1033855.69	2537.58	n/a	n/a	0.084	GS/ GRASS	Non-veg	
4026		32°14'07.28928"	110°53'20.64966"	2410.564	CORS RTK	450873.60	1017731.66	2505.88	n/a	n/a	0.068	GS/ GRASS	Non-veg	
4027		32°12'14.44278"	110°51'45.29552"	2518.615	CORS RTK	439549.05	1026033.76	2613.93	n/a	n/a	0.076	GS/ GRASS	Non-veg	
4028		32°11'10.99428"	110°49'07.82584"	2603.480	CORS RTK	433272.55	1039629.42	2698.42	n/a	n/a	0.091	CS	Non-veg	
4029		32°11'26.32800"	110°46'30.31967"	2763.676	CORS RTK	434963.07	1053149.01	2857.92	n/a	n/a	0.083	GS/ DIRT	Non-veg	
4030		32°12'02.39744"	110°44'16.96830"	2810.356	CORS RTK	438731.81	1064568.76	2903.90	n/a	n/a	0.092	PS	Non-veg	
4031		32°13'15.29752"	110°43'16.16174"	2668.837	CORS RTK	446156.71	1069711.75	2762.02	n/a	n/a	0.083	PS	Non-veg	
4034		32°12'54.61785"	110°49'51.99742"	2525.974	CORS RTK	443705.91	1035727.61	2620.83	n/a	n/a	0.086	CS	Non-veg	
4035		32°12'53.33467"	110°49'48.54144"	2526.141	CORS RTK	443579.24	1036025.83	2620.99	n/a	n/a	0.084	GS/ DIRT	Non-veg	
4036		32°14'12.51969"	110°48'16.52507"	2503.070	CORS RTK	451662.37	1043848.37	2597.38	n/a	n/a	0.055	PS	Non-veg	
4037		32°15'01.05738"	110°45'19.01644"	2525.488	CORS RTK	456728.91	1059041.97	2619.00	n/a	n/a	0.061	CS	Non-veg	
4038		32°15'01.43440"	110°45'16.95028"	2525.066	CORS RTK	456768.93	1059219.00	2618.57	n/a	n/a	0.059	GS/ GRASS	Non-veg	
4039		32°15'24.83821"	110°41'56.10991"	2725.550	CORS RTK	459325.29	1076440.42	2818.21	n/a	n/a	0.080	BCSM	Non-veg	
4040		32°16'54.50093"	110°43'45.39953"	2661.751	CORS RTK	468281.42	1066954.96	2754.55	n/a	n/a	0.095	PS	Non-veg	
4041		32°16'51.01528"	110°43'47.11368"	2656.879	CORS RTK	467927.53	1066811.70	2749.70	n/a	n/a	0.109	GS/ GRASS	Non-veg	
4042		32°18'47.49085"	110°42'41.71749"	3660.565	CORS RTK	479761.20	1072293.78	3752.61	n/a	n/a	0.096	PS	Non-veg	
4043		32°18'07.32259"	110°46'22.22058"	2697.984	CORS RTK	475494.43	1053413.30	2790.92	n/a	n/a	0.059	PS	Non-veg	
4044		32°18'25.64651"	110°47'25.37355"	2714.847	CORS RTK	477288.84	1047973.36	2807.88	n/a	n/a	0.062	GS/ DIRT	Non-veg	
4045		32°16'52.40274"	110°47'17.10463"	2523.450	CORS RTK	467873.17	1048782.23	2616.96	n/a	n/a	0.059	GS/ GRASS	Non-veg	
4046		32°16'57.03011"	110°47'14.62013"	2520.136	CORS RTK	468343.05	1048990.60	2613.61	n/a	n/a	0.039	GS/ DIRT	Non-veg	
4047		32°16'53.62510"	110°47'10.46509"	2535.981	CORS RTK	468002.70	1049350.94	2629.46	n/a	n/a	0.046	CS	Non-veg	
4048		32°12'26.96069"	110°53'43.84863"	2448.764	CORS RTK	440715.74	1015835.41	2544.39	n/a	n/a	0.078	PS	Non-veg	
4049		32°13'34.02737"	110°55'07.92680"	2407.265	CORS RTK	447425.39	1008548.60	2502.94	n/a	n/a	0.104	PS	Non-veg	
4050		32°16'19.20277"	110°55'00.05936"	2285.918	CORS RTK	464123.74	1009068.96	2381.10	n/a	n/a	0.097	GS/ GRASS	Non-veg	
4052		32°03'57.36675"	110°51'31.22828"	2737.757	CORS RTK	389328.58	1027735.89	2833.86	n/a	n/a	0.065	PS	Non-veg	
4053		32°02'06.58167"	110°47'23.08111"	2946.523	CORS RTK	378349.33	1049206.41	3041.65	n/a	n/a	0.083	GS/ DIRT	Non-veg	
4054		32°02'23.64209"	110°46'47.50853"	2965.763	CORS RTK	380105.46	1052250.41	3060.72	n/a	n/a	0.094	GS/ DIRT	Non-veg	
4055		32°02'15.36949"	110°46'36.82454"	2974.958	CORS RTK	379279.17	1053178.89	3069.86	n/a	n/a	0.101	PS	Non-veg	

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4056	CZ1476	32°03'39.01788"	110°46'23.37305"	2955.541	CORS RTK	387744.55	1054247.25	3050.37	n/a	n/a	0.117	CHK/ E 430	Non-veg	CHK/3050.32
4058		32°03'28.67831"	110°43'25.72373"	3096.678	CORS RTK	386865.15	1069546.97	3190.70	n/a	n/a	0.100	CS	Non-veg	
4059		32°03'33.55522"	110°43'27.70280"	3094.478	CORS RTK	387356.11	1069371.20	3188.52	n/a	n/a	0.091	GS/GRASS	Non-veg	
4060		32°03'34.38258"	110°43'28.14384"	3094.917	CORS RTK	387439.30	1069332.32	3188.96	n/a	n/a	0.086	GS/ DIRT	Non-veg	
4061		32°04'48.08241"	110°45'19.66180"	2981.633	CORS RTK	394782.49	1059654.99	3076.15	n/a	n/a	0.086	PS	Non-veg	
4062		32°00'41.10656"	110°41'08.44854"	3319.680	CORS RTK	370063.54	1081554.08	3413.01	n/a	n/a	0.081	PS	Non-veg	
4063		32°00'48.81159"	110°38'52.32164"	3340.034	CORS RTK	370977.75	1093266.23	3432.87	n/a	n/a	0.111	GS/ DIRT	Non-veg	
4064		31°55'10.13766"	110°39'25.43106"	3890.445	CORS RTK	336719.28	1090813.79	3983.17	n/a	n/a	0.098	GS/ DIRT	Non-veg	
4065		31°57'47.62280"	110°41'16.15323"	3575.484	CORS RTK	352524.41	1081089.88	3668.73	n/a	n/a	0.084	PS	Non-veg	
4066		31°56'49.16699"	110°45'31.71716"	3427.587	CORS RTK	346374.40	1059136.29	3521.90	n/a	n/a	0.036	CS	Non-veg	
4067		31°55'50.34882"	110°45'21.35649"	3648.458	CORS RTK	340440.14	1060092.72	3742.59	n/a	n/a	0.053	CS	Non-veg	
4068		31°57'29.20535"	110°50'19.17710"	2906.078	CORS RTK	350164.66	1034327.31	3001.91	n/a	n/a	0.080	PS	Non-veg	
4069		31°56'08.78759"	110°54'36.62437"	2725.497	CORS RTK	341824.70	1012223.09	2822.16	n/a	n/a	0.114	PS	Non-veg	
4070		31°58'05.70846"	110°55'46.44492"	2620.822	CORS RTK	353584.39	1006098.72	2717.65	n/a	n/a	0.102	GS/GRASS	Non-veg	
4071		31°58'02.78826"	110°55'46.11506"	2620.994	CORS RTK	353289.56	1006129.83	2717.82	n/a	n/a	0.117	CS	Non-veg	
4072	CZ2516	32°00'03.73625"	110°57'06.02083"	2564.208	CORS RTK	365449.51	999137.45	2661.14	n/a	n/a	0.094	CHK/ NN-43	Non-veg	CHK/2661.21
4073		32°03'59.14991"	110°56'45.95264"	2550.394	CORS RTK	389254.22	1000651.78	2647.23	n/a	n/a	0.105	GS/GRASS	Non-veg	
4074		32°10'47.55527"	111°00'20.19571"	2333.211	CORS RTK	430364.29	981867.15	2429.65	n/a	n/a	0.070	CS/ B BALL COURT	Non-veg	
4075		32°10'50.35097"	111°00'15.00290"	2319.196	CORS RTK	430650.59	982311.05	2415.62	n/a	n/a	0.077	GS/ GRASS	Non-veg	
4076		32°09'58.95267"	111°05'13.10597"	2449.636	CORS RTK	425249.16	956731.45	2546.53	n/a	n/a	0.080	GS	Non-veg	
4077		32°12'55.99269"	111°07'51.08627"	2543.484	CORS RTK	443037.68	943021.51	2640.31	n/a	n/a	0.086	PS	Non-veg	
4078		32°08'48.77485"	111°00'17.18778"	2354.772	CORS RTK	418363.22	982227.37	2451.42	n/a	n/a	0.106	GS	Non-veg	
4079		32°08'48.56328"	111°00'14.47184"	2354.482	CORS RTK	418343.82	982461.05	2451.13	n/a	n/a	0.105	CS/ B BALL COURT	Non-veg	
4080		32°11'09.33495"	110°55'56.24315"	2418.588	CORS RTK	432765.10	1004532.09	2514.66	n/a	n/a	0.068	GS/ GRASS	Non-veg	
4081		32°11'08.84516"	110°55'51.80299"	2419.204	CORS RTK	432719.10	1004914.13	2515.27	n/a	n/a	0.091	CS/ TENNIS COURT	Non-veg	
4082		32°12'49.72948"	110°55'33.65624"	2379.618	CORS RTK	442928.37	1006379.70	2475.45	n/a	n/a	0.099	GS/ GRASS	Non-veg	
4083		32°15'35.80817"	110°55'52.38570"	2309.581	CORS RTK	459696.86	1004616.61	2405.05	n/a	n/a	0.089	GS/ GRASS	Non-veg	
4084		32°15'34.58223"	110°56'12.30646"	2303.816	CORS RTK	459557.31	1002907.17	2399.34	n/a	n/a	0.083	CS/ SIDEWALK	Non-veg	
4085		32°17'34.00038"	110°57'36.90905"	2227.923	CORS RTK	471559.76	995534.85	2323.32	n/a	n/a	0.085	GS/ GRASS	Non-veg	
4086		32°17'22.49348"	110°58'18.88324"	2224.362	CORS RTK	470364.98	991942.13	2319.93	n/a	n/a	0.065	PS/ PARKING LOT	Non-veg	
4087		32°16'05.73984"	110°59'20.10520"	2219.632	CORS RTK	462562.67	986753.89	2315.52	n/a	n/a	0.050	GS/ GRASS	Non-veg	
4088		32°16'01.99757"	110°59'22.61358"	2219.198	CORS RTK	462182.63	986541.79	2315.10	n/a	n/a	0.059	CS/ TENNIS COURT	Non-veg	
4089		32°12'09.77717"	111°00'13.06680"	2311.498	CORS RTK	438678.39	982409.29	2407.80	n/a	n/a	0.059	GS/ GRASS	Non-veg	
4090		32°08'02.148896"	111°10'26.531082"	2325.740	Static GPS	413249.08	929872.45	2423.63	0.01	0.01	0.02	GS	Non-veg	
4091		32°05'00.774766"	111°17'51.226801"	2436.092	Static GPS	394679.48	891740.80	2534.45	0.01	0.01	0.03	GS	Non-veg	
4092	AI1931	32°07'05.684004"	111°13'01.916759"	2342.200	Static GPS	407453.80	916548.69	2440.35	0.01	0.01	0.03	NGS/NN 100	Non-veg	CHK/2440.32'
4093		32°12'08.960921"	111°13'02.730576"	2181.418	Static GPS	438100.02	916279.61	2279.22	0.02	0.01	0.03	GS	Non-veg	
4094		32°15'08.996333"	111°13'35.456819"	2190.071	Static GPS	456274.94	913350.89	2287.71	0.01	0.01	0.03	GS	Non-veg	
4095		32°18'34.961589"	111°10'31.269951"	2434.868	Static GPS	477194.02	929023.79	2531.78	0.01	0.01	0.03	GS	Non-veg	
4096		32°20'16.614639"	111°12'55.681046"	2085.455	Static GPS	487383.12	916563.29	2182.89	0.02	0.01	0.04	GS	Non-veg	
4097		32°24'09.886874"	111°14'02.892314"	1905.925	Static GPS	510919.19	910646.71	2003.41	0.02	0.03	0.08	GS	Non-veg	
4098		32°25'33.936191"	111°09'44.752413"	1942.604	Static GPS	519561.61	932717.51	2039.01	0.02	0.01	0.04	GS	Non-veg	
4099	CZ2411	32°25'24.952974"	111°03'39.952147"	2542.344	Static GPS	518889.33	963991.89	2637.56	0.02	0.01	0.00	NGS/NN 02	Non-veg	CHK/2637.56'
4100		32°25'24.003862"	111°03'24.579183"	2562.039	Static GPS	518803.99	965310.33	2657.22	0.02	0.01	0.03	GS	Non-veg	
4101		32°25'25.922942"	110°57'46.333103"	2687.086	Static GPS	519243.98	994300.96	2781.30	0.02	0.01	0.03	GS	Non-veg	
4102		32°30'41.706514"	110°55'34.096812"	3082.736	Static GPS	551260.16	1005339.26	3176.27	0.02	0.02	0.04	GS	Non-veg	