A117.301

LAVEEN+AREA Drainage STUDY

Book 314

INDEX

40916-02-02

LAVEEN BENCH CIRCUIT 2 - 39

BENCH CIRCUIT 40 - 69

BENCH CIRCUIT 70 - 74

BENCH CIRCUIT 75 - 78

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BOOK 314

INDEX

40916-02-02

LAVERN BENCH CIRCUIT 2-39

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Survey notes

LAUREN & AREA

DRAINAGE STUDY

BERKIN CIRCUITS.

BOOK 1 OF

START DATE JUNE 6, 1990

R. GONDER

M. STOWMAN

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+	MEAN	H.I.	−	MEAN	ELEV
					1023.98
5.74					
5.02	5.050	1029.030			
4.39			3.57		
			2.64	2.637	1026.393
			1.70		
8.28					
7.28	7.277	1033.670			
6.27			5.37		
			4.37	4.370	1029.300
			3.37		
6.42					
5.42	5.420	1034.720			
4.42			7.52		
			6.51	6.507	1028.213
			5.49		
4.40					
3.44	3.443	1031.656			
2.49			9.22		
			8.25	8.253	1023.403
			7.29		

ERM. 31 CHISELED 2"x2" "+" IN THE TOP OF 8" THICK 2' HIGH CONCRETE WALL AT N.E. CORN OF BRIDGE ABUTMENT ON 51ST AVE. APPROX. 30 FEET EAST OF CENTERLINE OF 51ST AVE & 1/2 MILE SOUTH OF THE CENTERLINE OF LOWER BUCKEYE ROAD
ELE 1023.98

+	MEAN	HI	−	MEAN	ELEV 1023.403
2^{50}					
1^{51}	1^{510}	1024^{913}			
0^{52}			9^{82}		
			9^{06}	9^{060}	1015^{853}
			8^{30}		
2^{35}					
1^{65}	1^{650}	1017^{503}			
0^{95}			8^{50}		
			7^{52}	$7.^{520}$	1009^{983}
			6^{54}		
5^{74}					
4^{73}	4^{737}	1014^{720}			
3^{74}			5^{45}		
			4^{43}	$4.^{430}$	1010^{290}
			3^{41}		
6^{58}					
5^{39}	$5.^{393}$	1015^{683}			
4^{21}			5^{82}		
			4^{81}	$4.^{817}$	1010^{866}
			3^{82}		

#	MEAN	H.I.		MEAN	ELEV.
					1010.866
6 49					
5 48	5 483	1016 349			
4 48			6 21		
			4 86	4.863	1011 486
			3 52		
			A.C PUMT	4 60	1011 25
6 50					
5 54	5 533	1017 019			
4 56			5 34		
			4 37	4 370	1012 649
			3 40		
7 26					
5 97	5 963	1018 612			
4 66			5 50		
			4 45	4 447	1014 165
			3 39		
6 53					
5 56	5 557	1019 722			
4 58			5 43		
			4 42	4 420	1015 302
			3 41		

ADJ. 1011.488
MARICOPA B.C IN A H.H. @ INT 51ST AVE & ROESER ROAD 0.26 BELOW A.C. PUMT. SURFACE NOT PAINTED

+	MEAN	H.I.	−	MEAN	ELEV.	
					1015.302	
5.85						
4.89	4.897	1020.199				
3.95			6.46			
			5.43	5.433	1014.766	
			4.41			
5.44						
4.31	4.307	1019.073				
3.17			6.39			
			5.36	5.367	1018.706	
			4.35			
5.68						
4.44	4.440	1018.146				
3.20			7.43			PP#42 ADJ. 1012.376
			5.78	5.773	1012.373	MARICOPA CO. BRASS CAP IN HAND HOLE @ INT.
			4.11			OF 51ST AVENUE & SOUTHERN RD
			A.C. PUMT	5.40	1012.75	0.32' BELOW A.C. PUMT & PAINTED PP#42
5.97						
4.79	4.793	1017.166				PP#42 SAME AS ABOVE
3.62			5.50			
			4.36	4.353	1012.813	
			3.20			

#0	MEAN	H I	—	MEAN	ELEV
					1012.813
5.76					
4.67	4.670	1017.483			
3.58					
			6.07		
			5.09	5.093	1012.390
			4.12		
6.14					
5.08	5.080	1017.470			
4.02					
			5.73		
			4.67	4.673	1012.797
			3.62		
5.73					
4.70	4.703	1017.500			
3.68					
			6.09		
			5.10	5.100	1012.400
			4.11		
5.62					
4.60	4.603	1017.003			
3.59					
			6.15		
			5.03	5.103	1011.900
			4.13		

[illegible]	MEAN	H I	—	MEAN	ELEV
					1011.900
5^{56}					
4^{53}	4.53^{7}	1016^{437}			
3^{52}					
			6^{56}		
			5^{44}	5.44^{7}	1010^{990}
			4^{34}		
5^{65}					
4^{61}	4^{613}	1015^{603}			
3^{58}					
			6^{04}		
			4^{94}	4^{943}	1010^{660}
			3^{85}		
5^{91}					
4^{90}	4^{903}	1015^{563}			
3^{90}					
			6^{13}		
			5^{29}	5^{297}	1010^{266}
			4^{47}		
6^{18}					
5^{26}	5^{270}	1015^{536}			
4^{37}					
			6^{98}		
			5^{76}	5^{763}	1009^{723}
			4^{55}		

+	MEAN	H.I.	−	MEAN	ELEV
					1009.773
5^{61}					
4^{50}	4^{503}	1014^{276}			
3^{40}					
			6^{69}		
			5^{49}	5^{493}	1008^{783}
			4^{30}		
6^{01}					
4^{88}	4^{883}	1013^{666}			
3^{76}					
			7^{18}		
			5^{82}	5^{817}	1007^{849}
			4^{45}		
5^{88}					
5^{06}	5^{067}	1012^{916}			
4^{26}					
			5^{47}		
			4^{54}	4^{537}	1008^{377}
			3^{60}		
6^{84}					
6^{30}	6^{303}	1014^{682}			
5^{77}					
			5^{12}		
			4^{43}	4^{427}	1010^{255}
			3^{23}		
			A.C. PUNT 3^{66}		1011^{02}

PP #62 ADJ. 1010.260
MARICOPA CO. BRASS CAP IN A HAND HOLE @ THE INT. OF 51ST AVENUE & BASELINE ROAD
D. 77 BELOW A.C. PUNT ELEV =
& PAINTED PP # 62

+	MEAN	H.I.	--	MEAN	ELEN
					1010.255
7^{47}					
6^{49}	6^{487}	1016^{742}			
5^{50}			5^{29}		
			4^{15}	4^{150}	1012^{592}
			3^{01}		
6^{67}					
5^{85}	5^{850}	1018^{442}			
5^{03}			3^{46}		
			2^{89}	2^{887}	1015^{555}
			2^{31}		
9^{55}					
8^{84}	8^{840}	1024^{395}			
8^{13}			2^{55}		
			2^{08}	2^{077}	1022^{318}
			1^{60}		
9^{29}					
8^{50}	8^{497}	1030^{815}			
7^{70}			3^{14}		
			2^{18}	2^{180}	1028^{635}
			1^{22}		

PP #62 SEE PG. 9

+	MEAN	H.I.	−	MEAN	ELEV.
					1028.635
7.39					
6.39	6.390	1035.025			
5.39			4.86		
			3.72	3.723	1031.302
			2.59		
6.32					
5.29	5.293	1036.595			
4.27			3.74		
			3.11	3.110	1033.485
			2.48		
5.58					
4.55	4.553	1038.038			
3.53			4.94		
			4.01	4.007	1034.031
			3.07		
6.01					
5.14	5.143	1039.174			
4.28			5.00		
			4.39	4.390	1034.784
			3.78		
			A.C. PVMT	3.84	1035.33

ADJ. 1034.791
MARICOPA B.C. IN HAND HOLE @ THE INT. OF A FARM ROAD & 51ST AVE APPROX ½ MI. SO OF BASELINE RD 0.55' BELOW PVMT. & NOT PAINTED

	MEAN	H.I.		MEAN	ELEV
					1034.784
5^{58}					
4^{51}	4^{510}	1039^{294}			
3^{44}					
			5^{43}		
			4^{50}	4^{483}	1034^{811}
			3^{52}		
5^{10}					
4^{05}	4^{047}	1038^{858}			
2^{99}					
			5^{83}		
			4^{68}	4^{683}	1034^{175}
			3^{54}		
5^{09}					
4^{03}	4^{027}	1038^{202}			
2^{96}					
			5^{80}		
			4^{59}	4^{590}	1033^{612}
			3^{38}		
5^{87}					
4^{77}	4^{777}	1038^{389}			
3^{69}					
			5^{36}		
			4^{20}	4^{203}	1034^{186}
			3^{05}		

SEE PAGE 11 BRASS CAP IN H-H.

	MEAN	H.I.	-	MEAN	ELEV	
					1034.186	
5.91						
4.86	4.863	1039.049				
3.82			5.39			
			4.13	4.130	1034.919	
			2.87			
5.98						
4.89	4.897	1039.816				ADJ. 1035.627
3.82						PP #82 MARICOPA CO. BRASS CAP IN A HAND
			5.40			HOLE @ THE INT. OF 51ST AVE & ROBBINS RD
			4.20	4.197	1035.619	@ LAVEEN 0.26 BELOW A.C. PAVED SURFACE &
			2.99			PAINTED PP # 82 ADJUSTED ELEVATION 1035.650
			A.C. PUNT	3.94	1035.88	
7.39						SAME AS ABOVE PP # 82
6.26	6.257	1041.876				
5.12			6.67			
			5.44	5.443	1036.433	
			4.22			
6.44						
5.40	5.400	1041.833				
4.36			6.40			
			5.13	5.133	1036.700	
			3.87			

	MEAN	H.I		MEAN	ELEV
					1036.700
6.49					
5.44	5.443	1042.143			
4.40			4.88		
			3.68	3.683	1038.460
			2.49		
5.24					
4.22	4.220	1042.680			
3.20			5.10		
			4.02	4.020	1038.660
			2.94		
5.38					
4.38	4.383	1043.043			
3.39			5.80		
			4.74	4.743	1038.300
			3.69		
6.89					
5.88	5.883	1044.183			
4.88			5.74		
			4.25	4.253	1039.930
			2.77		

ADJ. 1039.939
PP#81 FOUND P.K. NAIL IN A.C. PUMT APPROX 75' E OF INT. OF 47TH AVE & DOBBINS RD ON DOBBINS ROAD & PAINTED PP#81

+	MEAN	H.I.	−	MEAN	ELEV
					1039.530
7^{17}					
6^{15}	6^{150}	1046^{08}			
5^{13}			5^{70}		
			4^{55}	4^{550}	1041^{530}
			3^{40}		
7^{09}					
6^{09}	6^{087}	1047^{617}			
5^{08}			5^{33}		
			4^{28}	4^{280}	1043^{337}
			3^{23}		
6^{90}					
5^{87}	5^{867}	1049^{204}			
4^{83}			5^{87}		
			4^{63}	4^{633}	1044^{571}
			3^{40}		
6^{98}					
5^{97}	5^{967}	1050^{538}			
4^{95}			4^{83}		
			3^{80}	3^{800}	1046^{738}
			2^{77}		

SEE PAGE 14 P.P.# 81

+	MEAN	H.I.	-	MEAN	ELEV
					1046.738
6 91					
5 90	5 897	1052 635			
4 88			4 81		
			3 88	3 880	1048 755
			2 95		
6 79					
5 79	5 787	1054 542			
4 78			5 47		
			4 21	4 213	1050 329
			2 96		
7 17					
6 14	6 140	1056 469			
5 11			4 84		
			3 77	3 770	1052 699
			2 70		
7 13					
6 14	6 140	1058 839			
5 15			5 12		
			3 98	3 973	1054 866
			2 82		

ADJ. 1050.339
PP#80 FND P.K NAIL @ INT OF 43RD AVE
& DOBBINS ROAD & PAINTED PP#80

PP#80 SAME AS ABOVE

	MEAN	H.I.	-	MEAN	ELEV
					1054.866
6.93					
5.94	5.937	1060.803			
4.94			4.92		
			3.74	3.740	1057.063
			2.56		
7.38					
6.40	6.400	1063.463			
5.42			4.87		
			3.70	3.700	1059.763
			2.53		
7.41					
6.43	6.430	1066.193			
5.45			4.74		
			3.63	3.627	1062.566
			2.51		
7.28					
6.29	6.287	1068.853			
5.29			5.15		
			3.65	3.653	1065.200
			2.16		

ADJ. 1065.211
? FND COTTON PICKER SPINDLE FLUSH WITH A.C. PUMP @ INT OF 39TH AVE & DOBBINS ROAD.

+	MEAN	H.I	−	MEAN	ELEV	
					1065.200	
7 37						
6 66	6 65	1071 85				ADJ. 1067.181
5 94			5 27			P.P. #79 FND PK NAIL IN ℄ OF DOBBINS RD
			4 69	4 68	1067 170	APPROX 250' E OF INT. OF 39TH AVE &
			4 10			DOBBINS ROAD & PAINTED PP# 79
8 10						
7 11	7 110	1074 280				SAME AS ABOVE PP # 79
6 12			5 07			
			4 13	4 13	1070 143	
			3 21			
7 34						
6 33	6 330	1076 475				
5 32			5 01			
			4 00	4 010	1072 463	
			3 02			
7 20						
6 21	6 210	1078 673				
5 22			5 03			
			4 10	4 097	1074 576	
			3 16			

+	MEAN	H.I.	-	MEAN	ELEV
					1074.576
7^{36}					
6^{36}	6^{353}	1080^{929}			
5^{34}			5^{48}		
			4^{53}	4^{533}	1076^{396}
			3^{59}		
7^{63}					
6^{62}	6^{620}	1083^{016}			
5^{61}			5^{07}		
			4^{05}	4^{053}	1078^{963}
			3^{04}		
6^{87}					
5^{89}	5^{887}	1084^{850}			
4^{90}			4^{51}		
			3^{22}	3^{220}	1081^{630}
			1^{93}		
7^{39}					
6^{37}	6^{370}	1088^{000}			
5^{36}			5^{65}		
			4^{81}	4^{813}	1083^{187}
			3^{98}		

ADJ. 1081.643
PP# 78 FND P.K. NAIL IN ℄ OF DOBBINS RD APPROX 60' EAST OF INT. OF 35TH AVENUE & DOBBINS ROAD. & PAINTED PP#78

SAME AS ABOVE PP# 78

+	Mean	H. I.	−	Mean	Freq
					1083.187
7^{61}					
6^{60}	6^{600}	1089^{787}			
5^{59}			5^{47}		
			4^{59}	4^{593}	1085^{194}
			3^{72}		
7^{27}					
6^{28}	6^{277}	1091^{471}			
5^{28}			5^{49}		
			4^{60}	4^{603}	1086^{868}
			3^{72}		
6^{90}					
5^{89}	5^{887}	1092^{755}			
4^{87}			5^{46}		
			4^{48}	4^{483}	1088^{272}
			3^{51}		
7^{43}					
6^{41}	6^{407}	1094^{697}			
5^{38}			4^{88}		
			3^{91}	3^{910}	1090^{769}
			2^{94}		

	MEAN	H.I.		MEAN	ELEV	
					1090.769	
7^{23}						
6^{21}	6^{213}	1096^{982}				
5^{20}			4^{96}			
			4^{04}	4^{040}	1092^{942}	
			3^{12}			
7^{38}						
6^{38}	6^{373}	1099^{315}				ADJ. 1096.076
5^{36}			4^{41}			PP#77 FND. P.K. NAIL IN ℄ OF DOBBINS
			3^{25}	3^{253}	1096^{062}	ROAD APPROX. 60' E. OF ℄ OF DRIVE INTO
			2^{10}			FARM APPROX ½ MI. EAST OF INT. OF
						357TH AVE & DOBBINS RD. FLUSH W/A.C. PUNT
						& PAINTED PP#77
6^{85}						
5^{88}	5^{877}	1101^{939}				SAME AS ABOVE PP#77
4^{90}			4^{39}			
			3^{51}	3^{513}	1098^{426}	
			2^{64}			
7^{52}						
6^{52}	6^{523}	1104^{949}				
5^{53}			3^{77}			
			2^{85}	2^{853}	1102^{096}	
			1^{94}			

#	MEAN	H.I.	—	MEAN	ELEV
					1102.096
7^{37}					
6^{40}	6^{400} ✓	1108^{496} ✓			
5^{41}			4^{57}		
			3^{58}	3^{583} ✓	1104^{913} ✓
			2^{60}		
7^{73}					
6^{74}	6^{740} ✓	1111^{653} ✓			
5^{75}			4^{63}		
			3^{61}	3^{613} ✓	1108^{040} ✓
			2^{60}		
7^{55}					
6^{56}	6^{560} ✓	1114^{600} ✓			
5^{57}			4^{79}		
			3^{77}	3^{773} ✓	1110^{827} ✓
			2^{76}		
7^{76}					
6^{49}	6^{490} ✓	1117^{317} ✓			
5^{22}			6^{31}		
			4^{78}	4^{783} ✓	1112^{534} ✓
			3^{26}		

ADJ. 1112.549
PP # 76. FND PK NAIL IN ℄ OF DOBBINS ROAD APPROX 39' E. OF INT. OF 27TH AVE & DOBBINS ROAD FLUSH WITH A.C. PVMT & PAINTED PP # 76

+	MEAN	H.E.	−	MEAN	ELEV
					1112.534
6^{00}					
4^{99}	4^{997}	1117^{531}			
4^{00}			6^{50}		
			5^{32}	5^{323}	1112^{208}
			4^{15}		
7^{17}					
6^{07}	6^{067}	1118^{275}			
4^{96}			6^{39}		
			5^{16}	5^{163}	1113^{112}
			3^{94}		
5^{94}					
4^{74}	4^{743}	1117^{855}			
3^{55}			5^{92}		
			4^{61}	4^{610}	1113^{245}
			3^{30}		
7^{04}					
5^{71}	5^{903}	1119^{148}			
4^{76}			4^{71}		
			3^{49}	3^{493}	1115^{655}
			2^{28}		

SEE PAGE 22 PP 76

#	Mean	H.I.	—	Mean	Elev.	
					1115.655	
7.64						
6.66	6.660	1122.315				
5.68			3.75			
			2.65	2.647	1119.668	
			1.54			
7.95						
7.10	7.100	1126.768				ADJ. 1124.497
6.25			3.05			PP #75 FND PK NAIL ON ℄ OF DOBBINS
			2.29	2.287	1124.481	ROAD APPROX FEET EAST OF INT.
			1.52			OF 23 RD AVENUE & DOBBINS ROAD
						FLUSH WITH A.C. PVMT. & PAINTED PP #75
7.25						P.P #75 SAME AS ABOVE
6.24	6.233	1130.714				
5.21			3.68			
			2.73	2.730	1127.984	
			1.78			
9.53						
8.44	8.440	1136.424				
7.35			3.47			
			2.29	2.290	1134.134	
			1.11			

+	MEAN	H.I.	−	MEAN	ELEV
					1134.134
7 63					
6 57	6 570	1140 704			
5 51					
			3 01		
			2 00	2 000	1138 701
			0 99		
8 04					
7 02	7 020	1145 724			
6 00					
			4 45		
			3 34	3 340	1142 384
			2 23		
7 22					
6 19	6 187	1148 571			
5 15					
			2 68		
			1 46	1 460	1147 111
			0 24		
7 84					
6 75	6 750	1153 861			
5 66					
			2 93		
			1 58	1 577	1152 284
			0 22		

ADJ. 1152.301
PP#74 CITY OF PHOENIX BRASS CAP IN THE ℄ OF DOBBINS ROAD APPROX. 20' EAST OF THE INTERSECTION OF 19TH AVENUE & DOBBINS ROAD FLUSH WITH THE A.C PAVEMENT & PAINTED PP# 74

SER PAGE 25 PP # 74

+	MEAN	H. I.	−	MEAN	ELEV
					1152.284
3.41					
2.38	2.380	1154.664			
1.35			7.83		
			6.60	6.597	1148.067
			5.36		
4.91					
3.82	3.820	1151.887			
2.73			7.86		
			6.55	6.550	1145.337
			5.24		
5.54					
4.32	4.337	1149.674			
3.15			7.38		
			6.35	6.347	1143.327
			5.31		
5.19					
4.16	4.160	1147.487			
3.13			6.20		
			5.28	5.283	1142.204
			4.37		

	Mean	H.I.		Mean	Elev	
					1142.204	
3.48						
2.35	2.350	1144.554				
1.22			5.62			
			4.68	4.680	1139.874	
			3.74			
3.92						
2.87	2.873	1142.747				ADJ. 1137.552
1.83						PP# ?? FND. 5/8" RE-BAR APPROX 6' EAST
			6.54			& 10' NORTH OF THE INTERSECTION OF 19TH
			5.21	5.213	1137.534	AVENUE & SOUTH MOUNTIAN AVE 0.23 BELOW
			3.89			SURFACE A.C. PUMT
			A.C PUMT	4.98	1137.77	
2.85						SAME AS ABOVE PP# ?
1.76	1.763	1139.297				
0.68						
			8.06			
			6.82	6.820	1132.477	
			5.58			
3.82						
2.72	2.720	1135.197				
1.62						
			8.24			
			6.90	6.900	1128.297	
			5.56			

+	MEAN	H.I.	−	MEAN	ELEV.
					1128.297
5^{11}					
3^{95}	3^{950}	1132^{247}			
2^{79}			8^{32}		
			7^{10}	7^{097}	1125^{150}
			5^{87}		
4^{52}					
3^{44}	3^{440}	1128^{590}			
2^{36}			8^{39}		
			7^{03}	7^{030}	1121^{560}
			5^{67}		
4^{56}					
3^{49}	3^{487}	1125^{047}			
2^{41}			7^{71}		
			6^{60}	6^{597}	1118^{450}
			5^{48}		
4^{57}					
3^{82}	3^{817}	1122^{267}			
3^{06}			4^{59} | 6^{82}		
			3^{49} | 6^{05}	6^{05} 3^{493}	1118^{774}
			2^{40} | 5^{28}		
			A.C. PUMT	5^{32} 2^{63}	1119^{64}

ADJ. 1118.782 ~~1116.237~~
PP #54 END C.O.P. BRASS CAP IN HAND HOLE @ THE INTERSECTION OF 19TH AVE TO NORTH & BASELINE ROAD 0^{86} BELOW A.C. PUMT. SURFACE & PAINTED PP # 54

+	Mean	H.I.	-	Mean	Elev
					1116.217
3 96 6 54	5 220				
2 71 5 27	2 713	1121 487			
1 47 4 00			7 30		
			6 33	6 333	1115 154
			5 37		
5 60					
4 49	4 490	1119 644			
3 38			8 53		
			7 40	7 403	1112 241
			6 28		
5 57					
4 45	4 453	1116 694			
3 32			7 95		
			6 58	6 580	1110 114
			5 21		
5 48					
4 24	4 240	1114 354			
3 00			7 88		
			6 42	6 417	1107 937
			5 45		

PP #54 SEE PAGE 28

+	MEAN	H.I.	−	MEAN	ELEV.
					1107.937
4^{95}					
3^{93}	3^{930}	1111^{867}			
2^{91}			8^{36}		
			7^{03}	7^{030}	1104^{837}
			5^{70}		
4^{64}					
3^{49}	3^{490}	1108^{327}			
2^{34}			9^{34}		
			8^{16}	8^{160}	1100^{167}
			6^{98}		
			AC PUMT	7^{58}	1100^{75}
4^{16}					
3^{07}	3^{073}	1103^{240}			
1^{99}			6^{49}		
			5^{53}	5^{527}	1097^{713}
			4^{56}		
4^{04}					
3^{08}	3^{080}	1100^{793}			
2^{12}			7^{84}		
			6^{71}	6^{707}	1094^{086}
			5^{57}		

ADJ. 1100.188
PP# ?? CITY OF PHOENIX BRASS CAP IN A HAND HOLE APPROX 3° WEST & @ THE INT. OF 19TH AVENUE & WEST VINEYARD 0^{58} BELOW A.C. PUMT SURFACE.

SAME AS ABOVE

+	MEAN	HI	-	MEAN	ELEV
					1094.086
4^{76}					
3^{77}	3^{767}	1097^{853}			
2^{77}			8^{25}		
			6^{96}	6^{960}	1090^{893}
			5^{67}		
5^{47}					
4^{49}	4^{490}	1095^{383}			
3^{51}			8^{33}		
			6^{93}	6^{930}	1088^{453}
			5^{53}		
5^{44}					
4^{59}	4^{500}	1092^{953}			
3^{56}			8^{97}		
			6^{95}	6^{953}	1086^{00}
			5^{84}		
5^{17}					
3^{81}	3^{810}	1089^{810}			
2^{45}			7^{64}		
			6^{59}	6^{590}	1083^{220}
			5^{54}		
			AC PVMT	6^{24}	1083^{57}

ADJ. 1083.242
PP# 34 CITY OF PHOENIX B.C. IN A HAND HOLE @ THE INT. OF SOUTHERN AVE & 17TH AVENUE 0^{35} BELOW A.C. PVMT. SURFACE

+	MEAN	H.I.	−	MEAN	ELEV
					1083.220
5^{45}					
4^{44}	4^{443}	1087^{663}			
3^{46}			9^{05}		
			7^{84}	7^{837}	1079^{826}
			6^{62}		
5^{08}					
4^{11}	4^{107}	1083^{933}			
3^{13}			7^{13}		
			6^{19}	6^{190}	1077^{743}
			5^{25}		
4^{76}					
3^{75}	3^{750}	1081^{493}			
2^{74}			8^{52}		
			7^{31}	7^{313}	1074^{180}
			6^{11}		
5^{01}					
3^{91}	3^{910}	1078^{090}			
2^{81}			8^{61}		
			7^{42}	7^{420}	1070^{670}
			6^{23}		

PP#34 SEE PAGE 31

+	MEAN	H-I	-	MEAN	ELEV	
					1070.670	
5^{13}						
4^{12}	4^{120}	1074^{790}				
3^{11}			8^{77}			
			6^{99}	6^{98}	1067^{803}	
			5^{75}			
4^{63}						
3^{71}	3^{713}	1071^{516}				
2^{80}			9^{37}			ADJ. 1063.769
			7^{77}	7^{770}	1063^{746}	FND CITY OF PHOENIX BRASS CAP IN @
			6^{17}			HAND HOLE @ INT. OF ROESER & 19TH
			AC PVMT	7^{27}	1064^{246}	AVE 0.5' BELOW AC PVMT SURFACE.
4^{45}						
3^{43}	3^{430}	1067^{176}				SAME AS ABOVE B.C. IN H.H.
2^{41}			9^{87}			
			8^{46}	8^{463}	1058^{713}	
			7^{06}			
5^{69}						
4^{53}	4^{537}	1063^{250}				
3^{37}			7^{76}			
			6^{44}	6^{433}	1056^{817}	
			5^{10}			

+	MEAN	H.I.	−	MEAN	ELEV	
					1056.817	
6.68						
5.37	5.370	1062.187				
4.06			7.15			
			5.48	5.483	1056.704	
			3.82			
6.15						
5.04	5.043	1061.747				
3.94			8.03			
			6.76	6.760	1054.987	
			5.49			
6.03						
* 4.37	4.383	1059.370				AOJ. 1053.081
2.75			7.67			PP# 8 END CITY OF PHOENIX BRASS
			6.32	6.313	1053.057	CAP IN A HAND HOLE @ THE INT. OF
			4.95			19TH AVE & BROADWAY AVE. 0.46 BELOW
			AC PVMT	5.89	1053.52	A.C. PVMT.
6.29						PP# 8 SAME AS ABOVE
4.96	4.960	1058.017				
3.63			7.09			
			5.59	5.587	1052.430	
			4.08			

+	MEAN	HI	−	MEAN	FLIEV.
					1052.430
9 42					
8 36	8 360	1060 790			
7 30			1 75		
			1 04	1 043	1059 747 ~~447~~
			0 24		
11 76					
10 76	10 760	1070 507 ~~407~~			
9 76			3 13		
			2 13	2 133	1068 374 ~~274~~
			1 14		
7 12					
6 11	6 110	1074 484 ~~384~~			
5 10			7 93		
			6 93	6 927	1067 557 ~~457~~
			5 92		
2 30					
1 34	1 343	1068 90 ~~800~~			
0 39			10 88		
			9 90	9 903	1058 997 ~~897~~
			8 93		

+	Mean	H.I.	-	Mean	Elev
					1058.997
4^{38}					
3^{36}	3^{357}	1062 ~~254~~ 354			
2^{33}					
			6^{71}		
			5^{69}	5^{690}	1056 ~~564~~ 664
			4^{67}		
5^{68}					
4^{67}	4^{670}	1061 ~~234~~ 334			
3^{66}					
			7^{35}		
			6^{27}	6^{267}	~~1054~~ 1055, 067 ~~987~~
			5^{18}		
5^{44}					
4^{45}	4^{453}	1059 ~~480~~ 520			
3^{47}					
			7^{34}		
			6^{11}	6^{110}	1053 ~~310~~ 410
			4^{88}		
6^{37}					
5^{38}	5^{380}	1058 ~~690~~ 770			
4^{39}					
			6^{31}		
			5^{22}	5^{220}	1053 ~~470~~ 570
			4^{13}		

+	MEAN	H.I.	-	MEAN	ELEV.
					1053.570
6.65					
5.68	5.677	1059.247 ~~147~~			
4.70			5.56		
			4.46	4.460	1054.787 ~~687~~
			3.36		
6.87					
5.94	5.937	1060.724 ~~624~~			
5.00			6.63		
			5.64	5.637	1055.087 ~~1054.987~~
			4.64		
5.97		1060.097 ~~997~~			
5.01	5.010	~~1059~~			
4.05			7.23		
			5.73	5.727	1054.370 ~~270~~
			4.22		
6.77					
5.50	5.500	1059.870 ~~770~~			
4.23			8.98		
			7.40	7.403	1052.462 ~~367~~
			5.83		
			A.C PUMT	7.12	1052.65

ADJ. 1052.493
PP#3 CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ INT. OF 19TH AVE & SOUTH BUCKEYE ROAD 0.28 BELOW A.C. PUMT SURFACE

+	MEAN	H.I	−	MEAN	ELEV
					1052.467
6^{56}					
5^{50}	5^{503}	1057 970 ~~870~~			
4^{45}			4^{89}		
			3^{70}	3^{697}	1054 273 ~~173~~
			2^{50}		
6^{47}					
5^{34}	5^{343}	1059 616 ~~516~~			
4^{22}			7^{55}		
			6^{29}	6^{290}	1053 326 ~~226~~
			5^{03}		
5^{15}					
4^{17}	4^{170}	1057 496 ~~296~~			
3^{19}			3^{28}		
			2^{09}	2^{090}	1055. 406 ~~306~~
			0^{90}		
9^{23}					
8^{20}	8^{200}	1063 606 ~~506~~			
7^{17}			4^{82}		
			3^{83}	3^{830}	1059 776 ~~676~~
			2^{84}		

PP#3 SEE PAGE 37.

T	MEAN	H.I.	—	MEAN	ELEV
					1058.776
4 39		1063.026			
3 25	3 250	~~1062~~ 926			
2 11			6 83		
			5 67	5 667	1057 ~~259~~ 359
			4 50		
6 58					
5 31	5 310	1062 ~~569~~ 669			
4 04			7 17		
			6 08	6 080	1056 ~~489~~ 589
			4 99		
6 38					
5 05	5 053	1061 ~~642~~ 642			
3 73			7 14		
			5 74	5 737	1055 ~~805~~ 905
			4 33		
5 80					
4 61	4 607	1060 ~~412~~ 512			
3 41			7 66		
			6 19	6 190	1054 ~~222~~ 322
			4 72		

+	MEAN	H.I.	−	MEAN	ELEV
					1054.322
6^{00}					
5^{02}	5^{023}	1059 ~~245~~ 345			
4^{05}			4^{85}		
			4^{09}	4^{037}	1055 ~~208~~ 308
			3^{22}		
				Diff. of	−0.028

DURANGO FND. BRASS CAP SET IN CONCRETE STAMPED TRIANGULATION STATION "DURANGO 1959" ON S.W CORNER OF THE INT. OF 22ND AVENUE TO SOUTH ONLY & DURANGO

1929 ELEV. 1055^{336}

EXTRA CHECK BETWEEN ERM #24 & "DURANGO 1959"

STA	+	H.I.	−	ELEV
ERM #24				1046^{59}
	5^{77}	1052^{36}		
T.P.			5^{15}	1047^{21}
	5^{66}	1052^{87}		
T.P.			5^{31}	1047^{56}
	5^{68}	1053^{24}		
T.P.			5^{09}	1048^{15}
	5^{83}	1053^{98}		
T.P.			4^{48}	1049^{50}
	6^{19}	1055^{69}		
T.P.			4^{21}	1051^{48}
	5^{92}	1057^{40}		
T.P.			3^{52}	1053^{88}
	5^{71}	1059^{59}		
T.P.			4^{47}	1055^{12}
	4^{72}	1059^{84}		
B.M.			4^{51}	1055^{33}

FND. CITY OF PHOENIX BRASS CAP IN A HAND HOLE IN THE ℄ OF THE INT. OF WEST DURANGO STREET & 27TH AVENUE BELOW AS. PUMT SURFACE

DURANGO SAME AS ABOVE ELEV. 1055^{336}

+	MEAN	H.I.	-	MEAN	ELEV
5^{38}					1035^{627} ~~650~~
4^{22}	4^{223}	1039^{850} ~~873~~			
3^{07}			6^{45}		
			5^{27}	5^{273}	1034^{577} ~~600~~
			4^{10}		
5^{77}					
4^{70}	4^{700}	1039^{277} ~~300~~			
3^{63}			6^{45}		
			5^{26}	5^{263}	1034^{014} ~~037~~
			4^{08}		
5^{54}					
4^{41}	4^{413}	1038^{427} ~~450~~			
3^{29}			6^{95}		
			5^{59}	5^{590}	1032^{840} ~~860~~
			4^{22}		
6^{40}					
5^{21}	5^{210}	1038^{050} ~~070~~			
4^{02}			6^{75}		
			5^{44}	5^{443}	1032^{607} ~~627~~
			4^{14}		

PP # 82 MARICOPA CO. BRASS CAP IN A HAND HOLE @ THE INTERSECTION OF DOBBINS ROAD & 51ST AVE @ LAUTEN 0^{26} BELOW M.C. PUMT SURFACE (SEE PAGE 13) ADJUSTED ELEVATION ~~1035~~ ~~650~~ & PAINTED PP# 82 PAGE 314-12

+	MEAN	H.I.	-	MEAN	ELEV
					1032.607
5^{85}					
4^{62}	4^{620}	1037 ~~247~~ 227			
3^{39}					
			6^{46}		
			5^{32}	5^{323}	1031 ~~924~~ 904
			4^{19}		
5^{55}					
4^{84}	4^{847}	1036 ~~771~~ 751			
4^{15}					
			5^{45}		
			4^{93}	4^{927}	1031 ~~844~~ 824
			4^{40}		
			AC PUNT	4^{35}	1032^{42}
5^{78}					
4^{55}	4^{550}	1036 ~~394~~ 374			
3^{32}					
			7^{72}		
			6^{60}	6^{600}	1029 ~~794~~ 774
			5^{48}		
4^{69}					
3^{66}	3^{663}	1033 ~~437~~ 437			
2^{64}					
			6^{41}		
			5^{25}	5^{253}	1028 ~~204~~ 184
			4^{10}		

ADJ. 1031.828
PP# 83 FND A ROCK ?? IN A HAND HOLE
APPROX 3' NORTH OF ℄ OF DOBBINS ROAD &
APPROX 15' WEST OF THE INT. OF 55TH AVENUE
& DOBBINS ROAD 0^{48} FEET BELOW A.C. PUNT. SURFACE
(NOTE: NOT REGULAR TYPE ROCK BUT FIRMLY IMPLANTED)
& PAINTED PP# 83

SAME AS ABOVE, PP# 83

7	MEAN	H.I.	~	MEAN	ELEV
					1028.184
5.28					
4.20	4.197	1032.401 381			
3.11			6.36		
			5.18	5.180	1027.221 201
			4.00		
6.11					
4.98	4.980	1032.201 181			
3.85			7.26		
			5.92	5.967	1026.234 214
			4.67		
5.42					
4.33	4.333	1030.567 547			
3.25			6.03		
			4.93	4.933	1025.634 614
			3.84		
5.65					
4.69	4.690	1030.324 304			
3.73					
			6.72		
			5.83	5.827	1024.477 477
			4.93		
			A.C. PUMT	4.72	1025.60

ADJ. 1024.484
PP#84 FND STONE IN HAND HOLE APPROX 4' NORTH OF ℄ OF DOBBINS ROAD & APPROX 2' WEST OF THE INTER. OF 59TH AVE & DOBBINS ROAD

1" BELOW A.C. PUMT SURFACE. & PAINTED PP#84

+	Mean	H.I	−	Mean	Elev
					1024.477
7^{27}					
6^{05}	6^{047}	1030 ~~544~~ 524			
4^{82}			6^{82}		
			5^{28}	5^{283}	1025 ~~261~~ 241
			3^{75}		
5^{88}					
4^{54}	4^{543}	1029 ~~804~~ 784			
3^{21}			6^{85}		
			5^{58}	5^{577}	1024 ~~227~~ 207
			4^{30}		
5^{57}					
4^{56}	4^{563}	1028 ~~790~~ 770			
3^{55}			7^{36}		
			6^{37}	6^{367}	1022 ~~423~~ 403
			5^{37}		
6^{07}					
4^{99}	4^{993}	1027 ~~416~~ 396			
3^{92}			7^{20}		
			5^{97}	5^{967}	1021 ~~449~~ 429
			4^{73}		

PP# 84 See Pg. 43

	MEAN	H.I		MEAN	ELEV	
					1021.429	
5 75 4 60 3 45	4 600	1026 029 ~~047~~				
			6 53 5 35 4 19	5 357	1020 672 ~~692~~	ADJ. 1020.682 PP#85 FND P.K. NAIL IN ℄ OF DOBBINS ROAD APPROX ½ MI WEST OF PP#84 NORTH OF MAILBOX FOR OUTLAWIEW DAIRY FARM @ 6200 DOBBINS ROAD WEST & PAINTED PP#85
6 29 4 86 3 44	4 863	1025 535 ~~555~~				SAME AS ABOVE PP#85
			7 94 6 51 5 08	6 510	1019 025 ~~045~~	
5 48 4 29 3 09	4 287	1023 312 ~~332~~				
			6 94 5 55 4 14	5 543	1017 769 ~~737~~	
5 71 4 52 3 34	4 523	1022 292 ~~312~~				
			4 76 3 44 2 12	3 440	1018 852 ~~872~~	

+	MEAN	H.I.	−	MEAN	ELEV.
					1018.852
3^{71}					
2^{52}	2^{520}	1021 ~~372~~ 372			
1^{33}			6^{52}		
			5^{20}	5^{210}	1016 ~~182~~ 162
			3^{91}		
5^{21}					
4^{09}	4^{090}	1020 ~~272~~ 252			
2^{97}			6^{57}		
			4^{70}	4^{703}	1015 ~~569~~ 549
			2^{84}		
4^{94}					
3^{92}	3^{917}	1019 ~~486~~ 466			
2^{81}			6^{71}		
			5^{56}	5^{553}	1013 ~~933~~ 913
			4^{39}		
5^{36}					
4^{35}	4^{350}	1018 ~~283~~ 263			
3^{34}			6^{58}		
			5^{54}	5^{537}	1012 ~~746~~ 726
			4^{49}		

ADJ. 1015.562
PP#86 FND P.K. NAIL IN ℄ DOBBINS ROAD APPROX ½ MI WEST OF PP#85 & 110' EAST ℄ OF GRAVEL DRIVE INTO McCLELLAN RANCH TO NORTH & FLUSH WITH A.C. PVMT & PAINTED PP#86

SAME AS ABOVE PP#86

+	Mean	H.I.	−	Mean Elev	
					1012.726
5^{40}					
4^{41}	4^{407}	1017 ~~153~~ 133			
3^{41}			6^{25}		
			5^{16}	5^{163}	1011 ~~990~~ 970
			4^{08}		
5^{61}					
4^{59}	4^{597} ~~547~~	1016 ~~587~~ 567			
3^{59}			5^{67}		
			4^{44}	4^{443}	1012 ~~144~~ 124
			3^{22}		
4^{41}					
3^{39}	3^{390}	1015 ~~534~~ 514			
2^{37}			6^{57}		
			5^{22}	5^{220}	1010 ~~314~~ 294
			3^{87}		
4^{18}					
3^{21}	3^{207}	1013 ~~521~~ 501			
2^{23}			6^{25}		
			4^{86}	4^{863}	1008 ~~658~~ 638
			3^{18}		

ADJ. 1008.655
PP# 87 FND PK NAIL IN ℄ DOBBINS ROAD IN PAINTED CROSS APPROX 50' EAST OF A POWER POLE & 150' WEST OF A CURVE AHEAD WARNING SIGN, JUST INSIDE INDIAN RESERVE & 1½ MILES WEST OF PP# 84 & PAINTED PP# 87

+	MEAN	H.I.	−	MEAN	ELEV
					1008.638
6^{17}					
5^{19}	5^{193}	1013 ~~851~~ 831			
4^{22}					
			5^{57}		
			4^{48}	4^{487}	1009 ~~364~~ 344
			3^{41}		
5^{15}					
4^{18}	4^{177}	1013 ~~541~~ 521			
3^{20}					
			7^{97}		
			6^{97}	6^{970}	1006 ~~571~~ 551
			5^{97}		
4^{84}					
3^{83}	3^{830}	1010 ~~401~~ 381			
2^{80}					
			8^{13}		
			6^{70}	6^{693}	1003 ~~708~~ 688
			5^{25}		
5^{69}					
4^{68}	4^{683}	1008 ~~391~~ 371			
3^{68}					
			4^{42}		
			3^{25}	3^{250}	1005 ~~141~~ 121
			2^{08}		

PP# 87 SEE PAGE 47

+	MEAN	HI	−	MEAN	ELEV
					1005.121
5^{27}					
4^{25}	4^{250}	1009 ~~391~~ 371			
3^{23}			7^{81}		
			6^{61}	6^{603}	1002 ~~788~~ 768
			5^{39}		
3^{74}					
2^{33}	2^{327}	1005 ~~115~~ 095			
0^{91}			5^{99}		
			4^{47}	4^{477}	1000 ~~638~~ 618
			2^{98}		
3^{94}					
3^{00}	3^{083}	1003 ~~721~~ 701			
2^{23}			7^{31}		
			8^{00}	8^{000}	995 ~~921~~ 701
			6^{69}		
2^{77}					
1^{81}	1^{807}	997 ~~528~~ 508			
0^{84}			3^{76}		
			2^{86}	2^{860}	994 ~~668~~ 648
			1^{96}		

ADJ. 1000.638
PP#88 FND B.I.A BRASS CAP FLUSH WITH A.C. PUMT IN ℄ DOBBINS RD APPROX 12' WEST OF ℄ OF 75TH AVE TO SOUTH (PAVED) & APPROX 85' EAST OF ℄ OF 75TH AVE TO NORTH (GRAVEL) & PAINTED PP#88
PP#88 SAME AS ABOVE.

+	MEAN	H.I	−	MEAN	FE(IV)
					994.648
4^{35}		997.991			
3^{34}	3^{343}	998 ~~011~~			
2^{34}			12^{25}		
			11^{02}	11^{020}	986 ~~991~~ 971
			9^{29}		
3^{14}					
2^{37}	2^{373}	989 ~~364~~ 344			
1^{61}			9^{29}		
			8^{29}	8^{287}	981 ~~077~~ 057
			7^{28}		
6^{83}					
5^{53}	5^{527}	986 ~~604~~ 584			
4^{22}			6^{34}		
			5^{19}	5^{197}	981 ~~407~~ 387
			4^{06}		
6^{47}					
5^{51}	5^{510}	986 ~~942~~ 897			
4^{55}			6^{54}		
			5^{35}	5^{350}	981 ~~567~~ 547
			4^{16}		

+	MEAN	H.C.	−	MEAN	ELEV 981.547
6^{16}					
5^{16}	5^{163}	986 ~~780~~ 710			
4^{17}			6^{57}		
			4^{99}	4^{990}	981 ~~740~~ 720
			3^{41}		
7^{38}					
6^{47}	6^{493}	988 ~~233~~ 213			
5^{61}			3^{22}		
			2^{40}	2^{403}	985 ~~830~~ 810
			1^{59}		
4^{09}					
3^{46}	3^{460}	989 ~~290~~ 270			
2^{83}			7^{93}		
			6^{43}	6^{477}	982 ~~813~~ 293
			5^{02}		
6^{19}					
5^{18}	5^{183}	987 ~~996~~ 976			
4^{18}			5^{79}		
			4^{77}	4^{777}	983 ~~219~~ 199
			3^{77}		

+	MEAN	H.I.	−	MEAN	ELEV
					983.199
5^{87}					
4^{84}	4^{847}	988 ~~066~~ 046			
3^{82}					
			6^{26}		
			5^{30}	5^{307}	982 ~~754~~ 739
			4^{36}		
6^{44}					
5^{44}	5^{440}	988 ~~199~~ 179			
4^{44}					
			5^{57}		
			4^{71}	4^{713}	983 ~~486~~ 466
			3^{86}		
6^{19}					
5^{16}	5^{163}	988 ~~649~~ 629			
4^{14}					
			7^{07}		
			5^{94}	5^{937}	982 ~~712~~ 692
			4^{78}		
6^{89}					
5^{87}	5^{890}	988 ~~602~~ 582			
4^{89}					
			6^{86}		
			6^{16}	6^{157}	982 ~~445~~ 425
			5^{45}		

+	MEAN	H.I	−	MEAN	ELEV	
					982.425	
6^{24}						
5^{35}	5^{353}	987 ~~798~~ 778				
4^{47}			5^{16}			
			4^{00}	4^{000}	983 ~~798~~ 778	
			2^{84}			
4^{98}						
3^{62}	3^{620}	987 ~~418~~ 398				ADJ. 982.628
2^{26}			6^{11}			PP#69 FND. P.K. NAIL IN PAINTED CROSS ON
			4^{80}	4^{800}	982 ~~618~~ 598	℄ BASELINE ROAD @ INT. OF BASELINE &
			3^{49}			A GRAVEL ROAD TO THE NORTH (UNMARKED)
						PAINTED PP# 69 (79TH AVE?)
4^{57}		985.988				PP#69 SAME AS ABOVE
3^{39}	3^{590}	~~986~~ ~~008~~				
2^{21}			5^{30}			
			4^{15}	4^{150}	981 ~~858~~ 838	
			3^{00}			
5^{12}		985.995				
4^{16}	4^{157}	~~986~~ ~~015~~				
3^{13}			5^{52}			
			4^{25}	4^{253}	981 ~~782~~ 742	
			2^{99}			

+	MEAN	H.I.	−	MEAN	ELEV
					981.742
4.58					
3.60	3.597	985 ~~357~~ 339			
2.61					
			6.64		
			5.17	5.173	980 ~~186~~ 166
			3.21		
3.93					
2.92	2.920	983 ~~146~~ 086			
1.91					
			6.11		
			4.73	4.727	978 ~~379~~ 359
			3.34		
4.88					
3.85	3.850	982 ~~229~~ 209			
2.82					
			5.43		
			4.32	4.317	977 ~~912~~ 892
			3.20		
5.42					
4.59	4.590	982 ~~502~~ 482			
3.76					
			5.51		
			4.60	4.603	977 ~~877~~ 879
			3.70		

ADJ. 977.912
PP # 70 FND B.I.A. BRASS CAP FLUSH WITH A-C PUMT APPROX 25' N. OF ℄ OF BASELINE RD @ INT. BASELINE & 83 AVE TO N. & APPROX 210' E OF ℄ OF 83RD AVE TO SO.

+	MEAN	H.I.	−	MEAN	EGEV
					977.879
5^{51}					
4^{60}	4^{600} ✓	982 ~~499~~ 479			
3^{69}					
			$5^{[illegible]}$		
			4^{37}	4^{373} ✓	978 ~~126~~ 104
			3^{23}		
5^{34}					
4^{38}	4^{380} ✓	982 ~~506~~ 486			
3^{40}					
			5^{15}		
			3^{96}	3^{960} ✓	978 ~~548~~ 526
			2^{77}		
6^{30}					
5^{13}	5^{133} ✓	983 ~~677~~ 659			
4^{07}					
			4^{59}		
			3^{22}	3^{220} ✓	980 ~~458~~ 439
			1^{85}		
5^{60}					
4^{60}	4^{600} ✓	985 ~~039~~ 039			
3^{60}					
			4^{55}		
			3^{07}	3^{070} ✓	981 ~~969~~ 969
			1^{57}		

PP#70 SEE PAGE 54

[illegible]	MEAN	H.I.	—	MEAN	FREQ
					981.969
5^{52}					
4^{58}	4^{580}	986 549 ~~567~~			
3^{64}					
			6^{05}		
			4^{69}	4^{690}	981 859 ~~829~~
			3^{33}		
5^{47}					
4^{46}	4^{457}	986 316 ~~336~~			
3^{44}					
			5^{05}		
			3^{72}	3^{720}	982 596 ~~646~~
			2^{39}		
5^{53}					
4^{55}	4^{550}	987 146 ~~166~~			
3^{57}					
			4^{83}		
			3^{49}	3^{493}	983 653 ~~673~~
			2^{16}		
5^{76}					
4^{75}	4^{750}	988 403 ~~423~~			
3^{74}					
			5^{47}		
			4^{00}	3^{997}	984 406 ~~426~~
			2^{52}		

+	MEAN	HI	−	MEAN	FLD
					984.406
5^{26}					
3^{95}	3^{953}	988 ~~379~~ 359			
2^{65}			5^{60}		
			4^{29}	4^{293}	984 ~~996~~ 066
			2^{99}		
5^{94}					
4^{69}	4^{690}	988 ~~776~~ 756			
3^{41}			5^{45}		
			4^{25}	4^{253}	984 ~~533~~ 503
			3^{06}		
6^{60}					
5^{34}	5^{-337}	988 ~~850~~ 840			
4^{07}			5^{57}		
			4^{01}	4^{010}	98~~5~~ ~~854~~ 830
			2^{45}		
6^{93}					
5^{74}	5^{740}	991 ~~590~~ 570			
4^{50}			6^{43}		
			5^{32}	5^{-317}	986 ~~771~~ 253
			4^{20}		

ADJ. 985.870
PP#68 FND PK. NAIL IN CROSS @ INT.
75TH AVE TO NORTH & BASELINE ROAD
FLUSH WITH A.C. PUMP.

PP#68 SAME AS ABOVE

#	MEAN	H.I.	—	MEAN	ECHO
					986.253
5^{95}					
4^{75}	4^{747}	991 ~~820~~ 000			
3^{54}					
			5^{85}		
			4^{84}	4^{840}	986 ~~180~~ 160
			3^{83}		
6^{77}					
5^{51}	5^{510}	991 ~~690~~ 670			
4^{25}					
			6^{90}		
			5^{57}	5^{570}	986 ~~120~~ 100
			4^{24}		
5^{60}					
4^{33}	4^{330}	990 ~~450~~ 430			
3^{06}					
			7^{18}		
			5^{73}	5^{727}	984 ~~723~~ 703
			4^{27}		
6^{02}					
4^{76}	4^{763}	989 ~~486~~ 466			
3^{51}					
			6^{00}		
			4^{66}	4^{660}	984 ~~826~~ 806
			3^{32}		

+	MEAN	H.I.	-	MEAN	ELEV
					984.806
6^{03}					
4^{76}	4^{763}	989 ~~589~~ 569			
3^{50}					
			6^{87}		
			5^{40}	5^{397}	984 ~~792~~ 172
			3^{92}		
6^{00}					
4^{75}	4^{753}	988 ~~945~~ 925			
3^{51}					
			6^{17}		
			4^{60}	4^{597}	984 ~~348~~ 328
			3^{02}		
6^{08}					
4^{82}	4^{820}	989 ~~168~~ 148			
3^{56}					
			5^{90}		
			4^{77}	4^{773}	984 ~~395~~ 375
			3^{65}		
5^{98}					
4^{73}	4^{730}	989 ~~125~~ 105			
3^{48}					
			7^{15}		
			5^{69}	5^{687}	983 ~~438~~ 418
			4^{22}		

#	MEAN	H.I.	—	MEAN	ELEV
					983.418
5^{37}					
4^{20}	4^{200}	987 ~~638~~ 618			
3^{03}					
			7^{63}		
			5^{49}	5^{490}	982 ~~773~~ 128
			3^{35}		
			A.C. PVMT	5^{12}	982 ^{58}
5^{49}					
4^{23}	4^{233}	986 ~~381~~ 361			
2^{98}					
			5^{78}		
			4^{39}	4^{393}	981 ~~753~~ 968
			3^{01}		
6^{09}					
4^{86}	4^{860}	986 ~~948~~ 828			
3^{63}					
			5^{39}		
			3^{84}	3^{843}	985 ~~[illegible]~~ 982.986
			2^{30}		
6^{97}					
5^{72}	5^{720}	988 ~~735~~ 705			
4^{47}					
			5^{89}		
			4^{52}	4^{517}	984 ~~[illegible]~~ 188
			3^{14}		

ADJ. 982.174
PP# 48 FND. MARICOPA CO. BRASS CAP IN A HAND HOLE @ INT 75TH AVE TO SOUTH & SOUTHERN AVE TO EAST 0^{31} BELOW A.C. PVMT SURFACE. NORTH OF GUARDRAIL IN PAINTED CROSS.

PP# 48

+	MEAN	H.I.	−	MEAN	ELEV.	
					984.188	
7 21		188				
6 00	6 000	990 ~~208~~				
4 79			5 45			
			3 93	3 930	986 ~~278~~ 258	
			2 41			
6 51		575				
5 32	5 317	991 ~~595~~				
4 12			5 84			
			4 37	4 390	987 ~~205~~ 185	
			2 94			
6 04		255				
5 07	5 070	992 ~~275~~				ADJ. 986.764
4 10			6 86			PP#47 FND MARICOPA CO. BRASS CAP IN
			5 54	5 540	986 ~~735~~ 715	A HAND HOLE IN ℄ SOUTHERN AVE APPROX
			4 22			1/2 MI. EAST OF PP#48
			AS PRINT	5 11	987 12	
6 79		385				PP#47 SAME AS ABOVE
5 67	5 670	992 ~~405~~				
4 35			5 94			
			4 33	4 330	988 ~~115~~ 055	
			2 72			

+	MEAN	H.I.	−	MEAN	ELEV
					988.055
6 74					
5 53	5 530	993 ~~605~~ 585			
4 32					
			5 72		
			4 26	4 260	989 ~~347~~ 325
			2 80		
6 90					
5 26	5 260	994 ~~645~~ 585			
3 72					
			5 74		
			4 02	4 017	990 ~~588~~ 568
			2 29		
6 58					
5 64	5 637	996 ~~225~~ 205			
4 69					
			4 22		
			2 97	2 970	993 ~~255~~ 235
			1 72		
7 74	5.970				
5 97	~~999~~ ~~195~~	999.205			
4 20					
			4 78		
			3 56	3 553	995 ~~642~~ 652
			2 32		
			A.C. PUMP	2 88	996 32

ADJ. 995.704
PP 46 FND MARICOPA BRASS CAPIN
HAND HOLE @ INT 67 AVE & SOUTHERN AVE
0.58 BELOW A.C. PUMP SURFACE

+	MEAN	H.I	−	MEAN	ELEV
					995.652
4^{26}					
3^{01}	3^{010}	998 ~~652~~ 662			
1^{76}			8^{26}		
			6^{96}	6^{960}	991 ~~692~~ 702
			5^{66}		
5^{63}					
4^{62}	4^{620}	996 ~~312~~ 322			
3^{61}			6^{88}		
			5^{45}	5^{453}	990 ~~857~~ 869
			4^{03}		
2^{23}					
1^{17}	1^{170}	992 ~~989~~ 039			
0^{31}			12^{71}		
			11^{65}	11^{650}	980 ~~379~~ 389
			10^{57}		
1^{05}					
2^{81}	2^{803}	983 ~~182~~ 192			
1^{55}			6^{06}		
			4^{73}	4^{733}	978 ~~447~~ 462
			3^{41}		

PP #46 SEE PAGE ~~62~~ 61

+	MEAN	H.I.	−	MEAN	ELEV
					978.462
6^{10}					
4^{89}	4^{890}	983 ~~339~~ 352			
3^{68}			5^{63}		
			4^{33}	4^{330}	979 ~~039~~ 022
			3^{03}		
11^{93}					
10^{71}	10^{713}	989 ~~722~~ 735			
9^{50}			2^{61}		
			1^{70}	1^{703}	988 ~~04~~ 032
			0^{80}		
7^{15}					
5^{88}	5^{880}	993 ~~854~~ 912			
4^{61}			3^{95}		
			2^{50}	2^{500}	991 ~~317~~ 412
			1^{05}		
7^{59}					
6^{33}	6^{333}	997 ~~732~~ 745			
5^{08}			4^{90}		
			3^{60}	3^{603}	994 ~~+24~~ 142
			2^{31}		

+	MEAN	H.J.	-	MEAN	ELEV
					994.142
7^{25}					
5^{93}	5^{983}	1000 ~~112~~ 125			
4^{72}			3^{98}		
			2^{57}	2^{573}	997 ~~534~~ 552
			1^{17}		
8^{15}					
6^{90}	6^{880}	1004 ~~445~~ 432			
5^{61}			5^{37}		
			4^{12}	4^{117}	1000 ~~302~~ 315
			2^{86}		
6^{71}					
5^{45}	5^{453}	1005 ~~755~~ 768			
4^{20}			4^{77}		
			3^{32}	3^{370}	1002 ~~385~~ 398
			1^{97}		
7^{14}					
5^{52}	5^{877}	1008 ~~262~~ 275			
4^{61}			5^{22}		
			3^{50}	3^{500}	1004 ~~762~~ 775
			1^{78}		
			AC PUMP	2^{95}	1005^{31}

ADJ. 1004.834
PP# 20 FND MARICOPA CO BRASS CAP IN
A: HAND HOLE @ THE INT. OF
BROADWAY & 67TH AVENUE 0.55 BELOW
A.C. PUMP. SURFACE

+	MEAN	H.I.	−	MEAN	ELEV
					1004.775
6 58 5 44 4 30	5 440	1010 ~~202~~ 215			
			6 42 5 12 3 92	5 120	1005 ~~032~~ 045
6 87 5 61 4 34	5 607	1010 ~~607~~ 652			
			6 25 4 76 3 27	4 760	1005 ~~879~~ 892
6 87 5 58 4 29	5 580	1011 ~~459~~ 472			
			6 37 5 04 3 71	5 040	1006 ~~419~~ 432
6 90 5 62 4 34	5 620	1012 ~~039~~ 052			
			6 40 5 02 3 63	5 017	1007 ~~022~~ 035

PP#20 SEE PAGE 65

+	MEAN	H.I.	—	MEAN	ELEV
					1007.035
6 73 5 45 4 16	5 447	1012 ~~469~~ 482			
			6 11 4 58 3 05	4 580	1007 ~~889~~ 902
6 52 5 23 3 95	5 233	1013 ~~122~~ 135			
			6 04 4 61 3 18	4 610	1008 ~~512~~ 525
6 42 5 15 3 88	5 150	1013 ~~662~~ 675			
			5 90 4 22 2 54	4 220	1009 ~~442~~ 455
6 48 5 18 3 88	5 180	1014 ~~622~~ 635			
			6 57 5 16 3 75	5 160	1009 ~~462~~ 475

PP# 19 ADJ. 1007.964
FND CITY OF PHOENIX BRASS CAP FLUSH
WITH A.C. PUMT APPROX 1/2 MI EAST OF
PP# 20 & IN ℄ OF BROADWAY APPROX 32'
SO. OF AN IRR. CANAL RUNNING NORTH & 25'
NO. OF AN IRR. CANAL RUNNING SOUTH. & PAINTED
PP# 19
PP# 19 SAME AS ABOVE

+	MEAN	H.I.	−	MEAN	ELEV.
					1009.475
5.93 4.14 2.35	4.140	1013 ~~602~~ 615			
			6.39 5.17 3.95	5.170	1008 ~~432~~ 445
5.70 4.50 3.29	4.497	1012 ~~929~~ 942			
			5.91 4.79 3.67	4.790	1008 ~~139~~ 152
			AC PUMT	4.31	1008.62
7.80 6.42 5.03	6.417	1014 ~~556~~ 569			
			5.13 3.60 2.07	3.600	1010 ~~956~~ 969
5.07 3.82 2.57	3.820	1014 ~~776~~ 789			
			4.63 3.33 2.04	3.333	1011 ~~443~~ 456

ADJ. 1008.217

PP# 18 FND MARKOPA CO. BRASS CAP IN A HAND HOLE @ INT OF 59TH AVE & BROADWAY 0.48 BELOW AS PUMT SURFACE PAINTED PP# 18

PP# 18 SAME AS ABOVE

7	MEAN	H.I.	—	MEAN	ELEV.
					1011.456
6^{11}					
4^{82}	4^{823}	1016 ~~266~~ 279			
3^{54}					
			4^{79}		
			3^{67}	3^{667}	1012 ~~589~~ 612
			2^{54}		
7^{26}					
5^{97}	5^{970}	1018 ~~569~~ 582			
4^{68}					
			6^{22}		
			4^{63}	4^{630}	1013 ~~939~~ 952
			3^{04}		
6^{89}					
5^{62}	5^{617}	1019 ~~556~~ 569			
4^{34}					
			5^{90}		
			4^{59}	4^{590}	1014 ~~966~~ 979
			3^{28}		
6^{66}					
5^{37}	5^{373}	1020 ~~339~~ 352			
4^{09}					
			5^{65}		
			4^{11}	4^{113}	1016 ~~226~~ 239
			2^{58}		

+	MEAN	H.I.	−	MEAN	ELEV.
					1016.239
7.25					
6.00	6.000	1022.~~226~~ 239			
4.75			5.19		
			3.92	3.920	1018.~~306~~ 319
			2.65		
7.19					
5.93	5.927	1024.~~233~~ 246			
4.66			5.10		
			3.60	3.600	1020.~~332~~ 646
			2.10		
7.64					
6.35	6.350	1026.~~982~~ 996			
5.06			3.70		
			2.34	2.343	1024.~~640~~ 653
			0.99		
5.94					
4.71	4.707	1029.~~347~~ 360			
3.47					
			2.52		
			1.50	1.503	1027.~~844~~ 857
			0.44		
			AS POINT & INT.	1.68	1027.67

FND U.S.G.S. BRASS CAP ON S.W. CORNER OF INT. OF 59TH AVE & LOWER BUCKEYE ROAD LOCATED ON THE EAST HEAD WALL OF IRR. CONTROL BOX IN THE CENTRE OF THE EAST HEADWALL

STAMPED: U.S.G.S. B.M. ELEV 1028.89

PUBLISHED ELEV. 1027.928

LOW 0.071

4	MEAN	H.I.	-	MEAN	ELEV.
					1027.928 ~~1028~~ ~~058~~
3 44 2 26 1 10	2 267	1030 ~~325~~ 195			
			6 58 5 46 4 35	5 463	1024 ~~882~~ 732
3 68 2 41 1 14	2 410	1027 ~~[illegible]~~ 142			
			7 79 6 42 5 04	6 417	1020. ~~[illegible]~~ 725
5 09 3 82 2 56	3 823	1024 ~~[illegible]~~ 548			
			7 27 5 95 4 64	5 953	1018 ~~[illegible]~~ 595
5 24 3 91 2 59	3 913	1022 ~~[illegible]~~ 508			
			7 27 6 05 4 83	6 050	1016 ~~[illegible]~~ 458

U.S.G.S. MONUMENT STAMPED 1028.89
USING CITY OF PHOENIX DATUM 1028 058
PAGE 314-70

#	MEAN	H.I.	—	MEAN	ECFU
					1016.458
5.42 4.14 2.87	4.143	1020.601			
			6.82 5.36 3.90	5.360	1015.241
5.86 4.43 3.00	4.430	1019.671			
			7.02 5.61 4.19	5.607	1014.064
5.95 4.35 2.75	4.350	1018.414			
			7.66 5.84 4.02	5.840	1012.574
4.00 2.72 1.45	2.723	1015.297			
			5.36 3.99 2.62	3.990	1011.307

4.58
1016.057

+	MEAN	H.I.	−	MEAN	ELEV.
4.17 2.92 1.65	2.917	1014.224			
			4.83 3.58 2.33	3.580	1010.644
4.54 3.37 2.20	3.370	1014.014			
			6.80 5.77 4.75	5.773	1008.241
6.03 4.71 3.39	4.710	1012.951			
			5.51 4.14 2.76	4.137	1008.944
6.45 5.15 3.86	5.153	1013.967			
			6.35 4.74 3.14	4.743	1009.224

PPT 18 1008.217 PAGE 314-67
HIGH 0.024

+	MEAN	H.I.	−	MEAN	ELEV.
					1009.224
6^{59}					
5^{33}	5^{330}	1014 ~~684~~ 554			
4^{07}			7^{30}		
			5^{51}	5^{510}	1009 ~~774~~ 044
			3^{72}		
6^{16}					
4^{90}	4^{900}	~~1014~~ ~~024~~ 1013.944			
3^{64}			7^{19}		
			5^{64}	5^{640}	1008 ~~734~~ 304
			4^{09}		
6^{06}					
4^{83}	4^{830}	1013 ~~264~~ 134			
3^{60}			6^{18}		
			5^{16}	5^{160}	~~1008~~ ~~104~~ 1007.974
			4^{14}		
6^{25}					
4^{75}	4^{750}	1012 ~~864~~ 774			
3^{25}			7^{05}		
		—	5^{63}	5^{630}	1007 ~~224~~ 094
			4^{21}		

832

+	MEAN	H.I.	−	MEAN	ELEV.
					1007.094
5.82					
4.52	4.517	1011.611			
3.21			6.87		
			5.20	5.197	1006.414
			3.52		
5.81		1010.911			
4.50	4.497	1011.941			
3.18			6.90		
			5.27	5.270	1005.641
			3.64		
6.13					
4.97	4.970	1010.611			
3.81			7.06		
			5.67	5.670	1004.941
			4.28		
6.05		1009.944			
5.00	5.003	1010.024			
3.96			5.92		
			5.10	5.103	1004.841
			4.29	2.55	1007.524

PP#20 SEE PAGE 314-64 1004.834
HIGH 0.007
CHISEL "X" ON N.E. CORN IRR. BOX ON SE
CORN OF INT. OF BROADWAY & 67TH AVE
CITY OF PHOENIX DATUM

	MEAN	H.I.		MEAN	ELEV.
					217
6^{71}		660			$1008^{\cancel{439}}$
5^{44}	5^{443}	$1013^{\cancel{582}}$			
4^{18}			6^{23}		717
			4^{94}	4^{943}	$1008^{\cancel{637}}$
			3^{66}		
6^{76}		270			
5^{55}	5^{553}	$1014^{\cancel{472}}$			
4^{35}			6^{04}		557
			4^{71}	4^{713}	$1009^{\cancel{477}}$
			3^{39}		
7^{90}		344			
5^{79}	5^{787}	$1015^{\cancel{266}}$			
4^{57}			5^{55}		364
			3^{98}	3^{980}	$1011^{\cancel{296}}$
			2^{41}		
6^{44}		567			
5^{29}	5^{-203}	$1016^{\cancel{489}}$			
3^{97}			5^{49}		974
			4^{59}	4^{593}	$1011^{\cancel{896}}$
			3^{70}		

PP# 18 CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ INT. OF BROADWAY AVENUE & 59TH AVE SEE PAGE ~~68~~ 314-67

+	MEAN	H.I.	—	MEAN	ELEV.
					1011.914
6^{02}					
4^{78}	4^{783}	1016 ~~677~~ 757			
3^{55}			6^{35}		
			5^{15}	5^{150}	1011 ~~529~~ 607
			3^{95}		
6^{23}					
5^{01}	5^{010}	1016 ~~539~~ 617			
3^{79}			7^{19}		
			5^{62}	5^{613}	~~1010~~ ~~926~~ 1011.004
			4^{03}		
5^{75}					
4^{53}	4^{530}	1015 ~~456~~ 534			
3^{31}			5^{66}		
			4^{59}	4^{590}	1010 ~~866~~ 944
			3^{52}		
5^{95}					
4^{83}	4^{830}	1015 ~~686~~ 774			
3^{71}			5^{38}		
			4^{19}	4^{193}	1011 ~~308~~ 581
			3^{01}		

#	MEAN	H.I.	—	MEAN	ELEV.
					1011.581
5^{85}					
4^{62}	4^{620}	201 / 1016 ~~123~~			
3^{39}			5^{78}		
			3^{95}	3^{947}	254 / 1012 ~~176~~
			2^{67}		
6^{79}					
5^{57}	5^{570}	824 / 1017 ~~746~~			
4^{35}			5^{79}		
			4^{44}	4^{437}	387 / 1013 ~~309~~
			3^{08}		
6^{68}					
5^{44}	5^{440}	827 / 1018 ~~749~~			
4^{20}			5^{14}		
			3^{46}	3^{460}	367 / 1015 ~~289~~
			1^{78}		
4^{96}					
3^{93}	3^{930}	297 / 1019 ~~219~~			
2^{90}			6^{41}		
			5^{02}	5^{020}	277 / 1014 ~~199~~
			3^{63}		

ADJ. 1015.238
PP #16 SET PK. NAIL IN ℄ OF 51ST AVE APPROX. 35' SOUTH OF ℄ OF BROADWAY & IN LINE WITH LINE OF POWER POLE HEADING WEST & PAINTED PP #16.

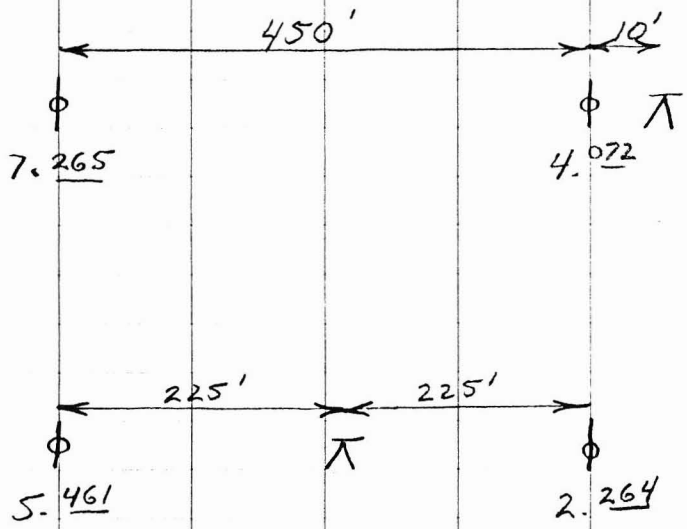
+	MEAN	H.I.	−	MEAN	ELEV.
					1014.277
10^{12}					
8^{88}	8^{880} /	1023 ~~879~~ 157			
7^{64}			3^{63}		
			2^{84}	2^{840} /	1020 ~~239~~ 317
			2^{05}		
6^{70}					
6^{38}	6^{380} /	1026 ~~619~~ 697			
6^{06}			2^{80}		
			2^{55}	2^{553} /	1024 ~~066~~ 144
			2^{31}		

ERM # 31 CHISELED 2" x 2" "+" IN THE TOP OF 8" THICK 2^{5} CONCRETE WALL AT THE N.E. CORNER OF A BRIDGE ABUTMENT ON 51ST AVE APPROX 30 FEET EAST OF ℄ OF 51ST AVE & 1^{0} MILE SOUTH OF CENTERLINE OF LOWER BUCKEYE ROAD ELEV. 1023 ^{98}

High 0.164 -

LEVEL PEG TEST JUNE 14, 1990

KERN GK 2A # 310676



7.265	4.072	9.533
2.264	5.461	9.529
9.529	9.533	0.004

DIFFERENCE @ 450± FEET = 0.004

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LAUFEN & AREA

DRAINAGE STUDY

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M. STOWMAN

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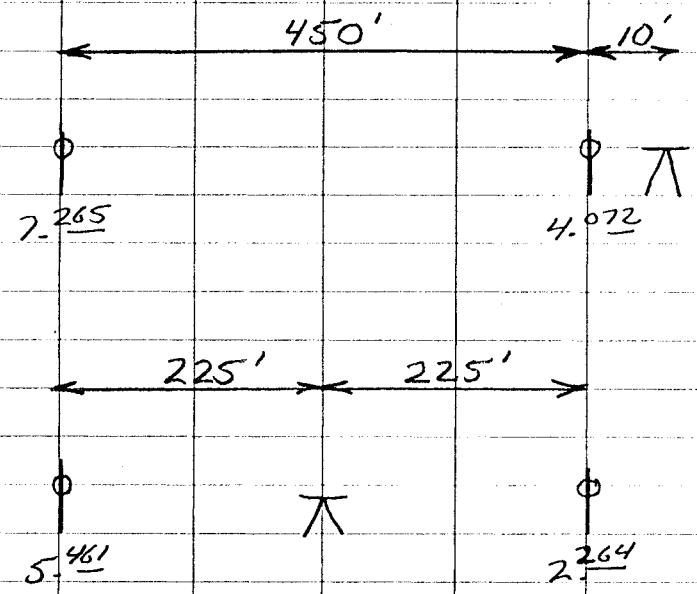
LEVEL PEG TEST JUNE 14, 1990

KERN GK 2A # 310676



7.265	4.072	9.533
2.264	5.461	9.529
9.529	9.533	0.004

DIFFERENCE @ 450± FEET = 0.004

S.#	MEAN	H.I.	-	MEAN	ELEV.
5^{59}		367			834
4^{53}	4^{533} ✓	$1009^{\cancel{795}}$			$1004^{\cancel{762}}$
3^{48}			6^{57}		854
			5^{51}	5^{513} ✓	$1003^{\cancel{782}}$
			4^{46}		
6^{04}		641			
4^{19}	4^{787} ✓	$1008^{\cancel{569}}$			
3^{53}			6^{61}		161
			5^{48}	5^{480} ✓	$1003^{\cancel{087}}$
			4^{35}		
5^{75}		644			
4^{48}	4^{483} ✓	$1007^{\cancel{572}}$			
3^{22}			6^{93}		211
			5^{43}	5^{433} ✓	$1002^{\cancel{139}}$
			3^{94}		
5^{45}		418			
4^{21}	4^{207} ✓	$1006^{\cancel{346}}$			
2^{96}			6^{08}		778
			5^{64}	5^{640} ✓	$1000^{\cancel{706}}$
			4^{30}		

PP# 20 CITY OF PHILA. BRASS CAP IN A HAND HOLE AT INT. OF BROADWAY AVE & 67TH AVENUE. SEE BK #1 PAGE #65
UNADJUSTED ELEVATION = 1004^{762}

+	MEAN	H.I.	−	MEAN	FLEW
					1000.778
5 60		148			
4 37	4 370 /	1005 ~~676~~			
3 14			6 19		868
			5 28	5 280 /	999 ~~796~~
			4 37		
5 41		605			
4 74	4 737 /	1004 ~~533~~			
4 06			5 68		475
			5 13	5 130 /	999 ~~403~~
			4 58		
5 82		805			
4 33	4 330 /	1003 ~~733~~			
2 84			6 70		445
			5 36	5 360 /	998 ~~373~~
			4 02		
5 85		1003.052			
4 61	4 607 /	~~1002~~ ~~980~~			
3 36			6 70		782
			5 32	5 320 /	997 ~~660~~
			3 94		

PP# 21 FND CITY OF PHOENIX BRASS CAP FLUSH WITH P.C. PUNT @ INT. OF 7TH AVE TO SO. & BROADWAY AVE EAST & WEST

PP# 21 SCANNED AS ABOVE

+	MEAN	H.I	−	MEAN	ELEV
					997.732
5^{74}		262			
4^{53}	4^{530} ✓	1002 ~~190~~			
3^{32}			6^{71}		995
			5^{27}	5^{267} ✓	996 ~~923~~
			3^{82}		
5^{67}		455			
4^{46}	4^{460} ✓	1001 ~~383~~			
3^{25}			6^{77}		152
			5^{30}	5^{303} ✓	996 ~~980~~
			3^{84}		
5^{95}		865			
4^{71}	4^{713} ✓	1000 ~~993~~			
3^{48}			7^{16}		948
			5^{92}	5^{917} ✓	994 ~~876~~
			4^{67}		
				5^{39}	995^{40}
6^{04}		308			
4^{36}	4^{360} ✓	999 ~~236~~			
2^{68}			5^{83}		558
			4^{71}	4^{710} ✓	994 ~~526~~
			3^{55}		

PP# 22 FND CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ THE INT. OF 75TH AVE & BROADWAY AVENUE 0^{53} BELOW PK. PUTT SURFACE & POINTED PP# 22.

PP# 22 SAME AS ABOVE

	MEAN	H.I.	—	MEAN	ELEV
					994.598
5.12					
3.84	3.840 ✓	998 ~~366~~ 438			
2.56			5.57		
			4.34	4.343 ✓	994 ~~023~~ 095
			3.12		
5.04					
3.75	3.750 ✓	997 ~~773~~ 845			
2.46			5.89		
			4.50	4.497 ✓	993 ~~276~~ 348
			3.10		
5.15					
4.17	4.170 ✓	997 ~~446~~ 518			
3.19			5.81		
			4.66	4.660 ✓	992 ~~786~~ 858
			3.51		
4.61					
3.86	3.860 ✓	996 ~~646~~ 718			
3.11			4.73		
			4.01	4.010 ✓	992 ~~626~~ 708
			3.29		

PP# 23 FND P.K. NAIL IN A.C. PVMT @ THE INT. OF 79TH AVENUE & BROADWAY AVE. & PRINTED PP#23

+	MEAN	H.I.	−	MEAN	FLUX
					992.708
5^{49}		481			
4^{77}	4^{773}	997 ~~407~~			
4^{06}			5^{52}		718
			4^{76}	4^{763}	992 ~~646~~
			4^{01}		
6^{97}		851			
4^{80}	5^{133}	997 ~~479~~			
3^{63}			5^{20}		634
			4^{22}	4^{217}	993 ~~562~~
			3^{23}		
5^{60}		814			
4^{18}	4^{180}	997 ~~742~~			
2^{76}			5^{30}		794
			4^{02}	4^{020}	993 ~~722~~
			2^{74}		
5^{87}		404			
4^{61}	4^{610}	998 ~~332~~			
3^{35}			5^{23}		454
			3^{95}	3^{950}	994 ~~302~~
			2^{67}		

PP #23 SEE PAGE #8

#	MEAN	H.I.	-	MEAN	ELEV
					994.454
6 01		.277			
4 82	4 823 ✓	999 ~~205~~			
3 64			5 66		300
			3 98	3 977 ✓	995 ~~228~~
			2 29		
6 80		.837			
5 54	5 537 ✓	1000 ~~765~~			
4 27			5 93		995.144
			4 69	4 693 ✓	~~996~~ ~~872~~
			3 46		
6 78		434			
5 29	5 290 ✓	1001 ~~362~~			
3 80			5 72		944
			4 49	4 490 ✓	996 ~~882~~
			3 26		
6 74		234			
5 29	5 290 ✓	1002 ~~172~~			
3 84			5 67		724
			4 46	4 460 ✓	997 ~~712~~
			3 25		

#	MEAN	H.I.	—	MEAN	EGO
					997.774
6^{64}		1003.021			
5^{25}	5^{247}	~~1002~~ ^{957}			
3^{85}			5^{74}		514
			4^{51}	4^{507}	998 ~~452~~
			3^{27}		
6^{63}		777			
5^{26}	5^{263}	1003 ~~915~~			
3^{90}			5^{87}		374
			4^{40}	4^{403}	999 ~~712~~
			2^{94}		
5^{79}		574			
5^{20}	5^{200}	1004 ~~512~~			
4^{61}			5^{41}		954
			4^{72}	4^{720}	999 ~~792~~
			4^{03}		
6^{18}		114			
5^{26}	5^{260}	1005 ~~952~~			
4^{34}			5^{70}		661
			4^{45}	4^{453}	1000 ~~599~~
			3^{21}		

H	MEAN	H.I.	-	MEAN	ELEV
					1000.661
7^{08}					
5^{73}	5^{733} ✓	1006 ~~332~~ 394			
4^{39}			5^{58}		
			4^{33}	4^{330} ✓	1002 ~~002~~ 064
			3^{08}		
7^{07}					
5^{57}	5^{567} ✓	1007 ~~569~~ 631			
4^{06}			4^{82}		
			3^{49}	3^{487} ✓	1004 ~~082~~ 144
			2^{15}		
5^{61}					
4^{49}	4^{493} ✓	1008 ~~575~~ 637			
3^{38}			5^{79}		
			4^{53}	4^{530} ✓	1004 ~~045~~ 107
			3^{27}		
6^{34}					
5^{26}	5^{263} ✓	1009 ~~308~~ 370			
4^{19}			5^{57}		
			4^{53}	4^{533} ✓	1004 ~~775~~ 837
			3^{48}		

PP# 20 SEE PAGE #4

1004.834 High 0.003

+	MEAN	H.I.	−	MEAN	ELEV
6^{77}					704 ~~642~~
5^{76}	5^{760}	464 ~~402~~ 1001			
4^{75}			6^{12}		584
			4^{88}	4^{880}	996 ~~522~~
			3^{64}		
7^{06}					
5^{84}	5^{843}	427 ~~365~~ 1002			
4^{63}			6^{03}		998.047
			4^{38}	4^{380}	~~997~~ ~~985~~
			2^{73}		
6^{62}					
5^{39}	5^{390}	437 ~~375~~ 1003			
4^{16}			5^{93}		950
			4^{49}	4^{487}	998 ~~888~~
			3^{04}		
6^{51}					
5^{28}	5^{283}	233 ~~171~~ 1004			
4^{06}			5^{37}		073
			4^{16}	4^{160}	1000 ~~011~~
			2^{95}		

PP# 46 FND MARICOPA CO. BRASS CAP IN A HAND HOLE @ INT OF 67TH AVE & SOUTHERN 0^{68} BELOW AS PUNT SURFACE SEE PAGE # 61 ~~62~~ IN BOOK # 314 UNADJUSTED ELEVATION = 995 ~~642~~ .704

+	MEAN	H.I.	−	MEAN	ELEV
					1000.673
6^{28}					
5^{05}	5^{047}	1005 ~~858~~ 120			
3^{81}			5^{55}		
			4^{25}	4^{250}	1000 ~~909~~ 878
			2^{95}		
5^{18}					
4^{96}	4^{963}	1005 ~~771~~ 833			
4^{75}			5^{06}		
			4^{85}	4^{853}	1000 ~~818~~ 980
			4^{65}		
			K PVMT	4^{46}	1001^{31}
6^{71}					
5^{47}	5^{473}	1006 ~~771~~ 453			
4^{24}			6^{27}		
			5^{02}	5^{017}	1001 ~~374~~ 336
			3^{76}		
6^{73}					
5^{50}	5^{500}	1006 ~~874~~ 936			
4^{27}			6^{01}		
			4^{76}	4^{760}	1002 ~~114~~ 176
			3^{51}		

1000.978

PP #45 FND MARICOPA CO. BRASS CAP IN A 1" HOLE IN ℄ OF SOUTHERN AVE APPROX ½ MI. EAST OF PP #45 0.39 BELOW A.C. PVMT & PAINTED PP #45

+	MEAN	HI	−	MEAN	ELEV
					1002.176
6^{85}					
5^{63}	5^{627}	1007 ~~741~~ 803			
4^{40}			5^{74}		
			4^{48}	4^{480}	1003 ~~261~~ 323
			3^{22}		
7^{16}					
5^{94}	5^{940}	1009 ~~201~~ 263			
4^{77}			6^{28}		
			4^{97}	4^{967}	1004 ~~234~~ 296
			3^{65}		
6^{30}					
5^{32}	5^{320}	1009 ~~554~~ 616			
4^{34}			5^{61}		
			4^{83}	4^{830}	1004 ~~724~~ 786
			4^{05}		
6^{12}					
5^{34}	5^{337}	1010 ~~061~~ 123			
4^{55}			5^{64}		
			4^{93}	4^{930}	1005 ~~131~~ 193
			4^{22}		
			AC PVMT	4^{64}	1005 ^{42}

1005.189

PP# 44 FND MARICORD CO. BRASS CAP IN A HAND HOLE @ INT OF 59TH AVE TO THE SOUTH ONLY & SOUTHERN AVE 0 ^{29} BELOW A C PVMT & PAINTED PP# 44

#	MEAN	H.I.	-	MEAN	ELEV
					1005.193
7^{78}					
6^{55}	6^{550}	1011 ~~681~~ 743			
5^{32}			6^{14}		
			5^{03}	5^{030}	1006 ~~651~~ 713
			3^{92}		
6^{00}					
4^{75}	4^{750}	1011 ~~401~~ 463			
3^{50}			5^{60}		1007.023
			4^{44}	4^{440}	~~1006 961~~
			3^{28}		
6^{89}					
5^{65}	5^{650}	1012 ~~611~~ 673			
4^{41}			5^{94}		
			4^{77}	4^{767}	1007 ~~844~~ 906
			3^{59}		
6^{12}					
4^{91}	4^{910}	1012 ~~754~~ 816			
3^{70}			5^{71}		
			4^{51}	4^{507}	1008 ~~247~~ 309
			3^{30}		

#	MEAN	AI	-	MEAN	ELEV
					1008.309
6^{17}					
4^{93}	4^{930}	1013 ~~177~~ 239			
3^{69}			5^{57}		
			4^{73}	4^{730}	1008 ~~447~~ 509
			3^{89}		
6^{26}					
5^{47}	5^{470}	1013 ~~917~~ 979			
4^{68}			4^{50}		
			3^{73}	3^{730}	1010 ~~187~~ 249
			2^{96}		
6^{50}					
5^{28}	5^{277}	1015 ~~464~~ 526			
4^{05}			6^{57}		
			5^{40}	5^{403}	1010 ~~061~~ 123
			4^{24}		
6^{02}					
4^{75}	4^{753}	1014 ~~814~~ 876			
3^{49}			5^{67}		
			4^{44}	4^{440}	1010 ~~374~~ 436
			3^{21}		

1010.242

PP#43 FND 3/4 IRON PIPE FLUSH APPROX 4' NO. OF ℄ OF SOUTHERN AVE APPROX ½ MI. EAST OF PP#44 & APPROX 75' NORTH & 35' EAST OF N.E. CORN. OF 6° CHAIN LINK FENCE ENCL. AROUND A WELL SITE & PRINTED PP#43

+	MEAN	HI	—	MEAN	ELEV
					1010.436
6^{26}					
5^{02}	5^{023} ✓	1015 ~~397~~ 459			
3^{79}			6^{03}		
			4^{77}	4^{767} ✓	1010 ~~360~~ 692
			3^{50}		
6^{62}					
5^{38}	5^{380} ✓	1016 ~~010~~ 072			
4^{14}			5^{77}		
			4^{44}	4^{440} ✓	1011 ~~570~~ 632
			3^{11}		
6^{42}					
5^{37}	5^{370} ✓	1017.002 ~~1016~~ ~~940~~			
4^{32}			5^{99}		
			5^{23}	5^{280} ✓	1011 ~~710~~ 772
			4^{47}		
6^{19}					
5^{43}	5^{433} ✓	1017 ~~143~~ 205			
4^{68}			5^{55}		
			4^{82}	4^{820} ✓	1012 ~~323~~ 385
			4^{09}		

PP# 42 FND MARICOPA CO BRASS CAP
IN A HAND HOLE @ INT 51ST AVE
& SOUTHERN RD 0.37 BELOW A.S. [illegible]
& PAINTED PP# 42 UNADJUSTED ELEV 1012.373
SEE BOOK # ~~7~~ 344 PAGE # ~~6~~ 5
High 0.009 1012.376

+	MEAN	HI	−	MEAN	ELEV
6^{83}					$1012^{\cancel{373}\ 376}$
5^{46}	5^{457}	$1017^{83\cancel{0}\ 3}$			
4^{08}			5^{60}		
			4^{36}	4^{357}	$1013^{47\cancel{3}\ 6}$
			3^{11}		
6^{57}					
5^{29}	5^{290}	$1018^{76\cancel{3}\ 6}$			
3^{99}			5^{91}		
			4^{71}	4^{710}	$1014^{05\cancel{3}\ 6}$
			3^{51}		
6^{60}					
5^{23}	5^{233}	$1019^{28\cancel{4}\ 9}$			
3^{87}			5^{18}		
			4^{03}	4^{033}	$1015^{25\cancel{3}\ 6}$
			2^{89}		
7^{01}					
5^{62}	5^{620}	$1020^{87\cancel{3}\ 6}$			
4^{23}			5^{02}		
			3^{97}	3^{973}	$1016^{90\cancel{0}\ 3}$
			2^{93}		

PP # 42 SEE PAGE # 16

51ST. AVENUE & SOUTHERN AVENUE

UNADJUSTED ELEVATION = $1012^{\cancel{373}\ 376}$

4.	MEAN	H.J.	~	MEAN	ELEV
					1016.803
6.96		3			
5.68	5.680	1022.58			
4.40			6.02		
			4.69	4.693	1017.90
			3.37		
6.59					
5.06	5.060	50 1022.947			
3.53			6.36		
			5.36	5.360	1017.90
			4.36		
			A.C PUMP	4.68	1018.27
6.00					
5.00	4.997	7 1022.58			
3.99			5.21		
			4.12	4.123	1018.9
			3.04		
5.60					
4.36	4.360	4 1022.82			
3.12			4.92		
			3.78	3.783	1019.41
			2.65		

1017.595

PP#41 FND MARICOPA CO. BRASS CAP IN A HAND HOLE APPROX. 1/2 MI. EAST OF PP#42 IN ℄ OF SOUTHERN AVENUE APPROX 40' SO OF SE. CORN OF 6' CHAIN LINK FENCE & 40' SO & 40' WEST OF S.W. CORN. OF A CHAIN LINK FENCE SURROUNDING A POWER TRANSFORMER STATION & PAINTED PP#41 0.68 BELOW A.C. PUMP SQUARE

+	MEAN	H.I.	−	MEAN	ELEV
					1019.041
6^{17}		4			
4^{86}	4^{863} ✓	1023^{904}			
3^{56}			5^{38}		
			4^{18}	4^{183} ✓	1019^{21}
			2^{99}		
6^{15}		41			
4^{82}	4^{820} ✓	1024^{538}			
3^{49}			5^{54}		
			4^{08}	4^{080} ✓	1020^{61}
			2^{62}		
5^{50}		8			
4^{52}	4^{517} ✓	1024^{778}			
3^{53}			5^{30}		
			4^{47}	4^{470} ✓	1020^{508}
			3^{64}		
5^{40}		81			
4^{57}	4^{573} ✓	1025^{078}			
3^{75}			5^{44}		
			4^{55}	4^{553} ✓	1020^{528}
			3^{67}		
			A.C. PUNT	4^{01}	1021^{02}

1020.537

PP#40 FND MARICOPA CO. BRASS CAP IN HAND HOLE @ INT. OF 43RD AVENUE & DUNLAP AVENUE & PLANTED PP#40 0.54 BELOW A.C. PUNT. SURFACE

+	MEAN	H.I.	−	MEAN	ELEV
					1020.528
6^{95}					
5^{62}	5^{620} ✓	1026^{148}			
4^{29}			5^{74}		
			4^{43}	4^{430} ✓	1021^{718}
			3^{12}		
6^{02}					
4^{70}	4^{697} ✓	1026^{417}			
3^{37}			5^{08}		
			3^{90}	3^{907} ✓	1022^{508}
			2^{74}		
6^{13}					
4^{81}	4^{813} ✓	1027^{318}			
3^{50}			6^{51}		
			5^{22}	5^{223} ✓	1022^{098}
			3^{94}		
7^{08}					
5^{76}	5^{760} ✓	1027^{858}			
4^{44}			5^{51}		
			4^{44}	4^{443} ✓	1023^{417}
			3^{38}		

PP# 40 SEE PAGE 20

1023.35

+	Mean	H.I.	−	Mean	Elev.
					1023.415
6 31					
5 04	5 040	1028 45 5			
3 77			5 21		
			3 36	3 357	1025 09 8
			1 50		
			AC Pmt	2 84	1025 61
7 14					
5 35	5 347	1030 44 5			
3 55			5 07		
			3 69	3 693	1026 74 52
			2 32		
6 52					
5 21	5 213	1031 96 5			
3 91			5 82		
			4 24	4 240	1027 72 5
			2 66		
7 05					
5 70	5 700	1033 42 5			
4 35			4 46		
			3 26	3 260	1030 16 5
			2 06		

1025.111

PP#39 FND MARICOPA CO. BRASS CAP IN A HAND HOLE @ THE INT OF 39TH AVENUE TO THE NORTH & SOUTHERN AVE E & W. & APPROX 12' EAST OF ℄ OF EXISTING PAVED 39TH AVE TO SOUTH. & PAINTED PP#39 & O 52 BELOW A.C. PUMT SURFACE.

PP#39 SAME AS ABOVE

+	MEAN	HI	-	MEAN	ELEV
					1030.165
7.25					
5.90	5.903	1036.068			
4.56			4.28		
			3.14	3.140	1032.768
			2.00		
7.14					
5.97	5.967	1038.895			
4.79			3.00		
			2.02	2.017	1036.878
			1.03		
			A.C. PUMT.	1.60	1037.29
6.78					
5.62	5.523	1042.398 401			
4.27			5.78		
			4.65	4.653	1037.746
			3.53		
6.45					
5.15	5.163	1042.248 911			
3.88			4.83		
			3.58	3.577	1039.334
			2.32		

1036.895

PP# 38 FND MARICOPA CO. BRASS CAP IN A HAND HOLE @ INT. OF 35TH AVENUE & SOUTHERN AVENUE 0.42 BELOW A.C. PUMT SURFACE & PAINTED PP# 38

PP# 38 SAME AS ABOVE.

+	MEAN	H I	−	MEAN	ELEV
6.98					
5.58	5.583	1044.97			
4.19			4.19		
			2.67	2.673	1042.24
			1.16		
6.86					
5.57	5.570	1047.81			
4.28			3.24		
			2.15	2.150	1045.66
			1.06		
7.81					
6.56	6.560	1052.22			
5.31			2.70		
			1.62	1.623	1050.01
			0.55		
6.33					
5.76	5.760	1056.61			
5.19			3.75		
			3.24	3.237	1053.12
			2.72		

1053.145

PP #37 FND P.K. NAIL IN A.C. PVMT IN ℄ OF SOUTHERN AVE APPROX ½ MI EAST OF PP #38 & PANTERA PP #37 IN FRONT OF 3101 SOUTHERN AVE & APPROX 90' EAST OF A MARICOPA CO BRASS CAP IN A HAND HOLE

+	MEAN	HI	−	MEAN	FREQ
					1053.124
8^{18}					
6^{98}	6^{977}	1060 101 ~~098~~			
5^{77}			4^{08}		
			2^{88}	2^{880}	1057 21 ~~218~~
			1^{68}		
5^{82}					
4^{60}	4^{600}	1061 21 ~~089~~			
3^{38}			6^{21}		
			5^{32}	5^{320}	1056 501 ~~478~~
			3^{93}		
6^{76}					
5^{55}	5^{547}	1062 8 ~~048~~			
4^{33}			5^{98}		
			4^{67}	4^{667}	1057 81 ~~574~~
			3^{35}		
7^{21}					
6^{00}	5^{997}	1063 8 ~~378~~			
4^{78}			5^{21}		
			3^{92}	3^{920}	1059 8 ~~458~~
			2^{63}		

pp 37

+	MEAN	H.I.	−	MEAN	ELEV
					1059.458
7^{56}		8			
6^{22}	6^{220} ✓	1065^{678}			
4^{88}			5^{34}		
			4^{00}	3^{997} ✓	81 1061^{678}
			2^{65}		
			AC PVMT	3^{77}	1061^{91}
7^{23}		8			
6^{07}	6^{067} ✓	1067^{742}			
4^{90}			5^{13}		
			4^{05}	4^{047} ✓	701 1063^{698}
			2^{96}		
7^{67}		4			
6^{49}	6^{443} ✓	1070^{141}			
5^{22}			5^{71}		
			4^{45}	4^{450} ✓	4 1065^{691}
			3^{19}		
7^{13}		4			
5^{90}	5^{900} ✓	1071^{59}			
4^{67}			6^{25}		
			5^{16}	5^{163} ✓	31 1066^{428}
			4^{08}		

1061.706

PP#36 FND MARICOPA CO BRASS CAP IN A HAND HOLE @ THE INT. OF 27TH AVENUE & SOUTHERN AVENUE 0^{23} BELOW A.C. PVMT SURFACE & PAINTED PP#36.

PP#36 SAME AS ABOVE

+	MEAN	H.I	−	MEAN	FWD
					1066.431
7 69		898			
6 47	6 467	1072 875			
5 24			6 02		8
			4 82	4 820	1068 078
			3 62		
7 36		91			
6 11	6 113	1071 188			
4 87			5 23		91
			4 21	4 210	1069 978
			3 19		
7 90		81			
7 00	7 000	1076 778			
6 18			5 95		71
			5 41	5 410	1071 568
			4 87		
			AC PUNT	4 72	1072 26
7 60		61			
6 39	6 390	1077 958			
5 18			5 43		61
			4 10	4 100	1073 858
			2 77		

1071.600

PP#35 FND CITY OF PHOENIX BRASS CAP IN A HAND HOLE IN ℄ OF SOUTHERN AVENUE. LINES UP WITH WEST EDGE OF PAVEMENT OF 23RD AVE. TO NORTH (AC PUNT) & EAST EDGE GRAVEL ROAD WHICH IS 23RD AVENUE TO THE SOUTH & IS 0.69 BELOW AC PUNT SURFACE & PAINTED PP#35

+	MEAN	H.I.	−	MEAN	FREQ.
					1073.861
7^{43}					
6^{22}	6^{217}	$1080^{\cancel{025}\,8}$			
5^{00}			5^{47}		
			4^{24}	4^{240}	$1075^{\cancel{838}\,8}$
			3^{01}		
7^{66}					
6^{44}	6^{443}	$1082^{\cancel{278}\,81}$			
5^{23}			5^{56}		
			4^{29}	4^{293}	$1077^{\cancel{988}\,8}$
			3^{03}		
7^{26}					
6^{16}	6^{157}	$1084^{\cancel{147}\,5}$			
5^{05}			5^{30}		
			4^{21}	4^{213}	$1079^{\cancel{929}\,32}$
			3^{13}		
6^{76}					
5^{79}	5^{793}	$1085^{\cancel{723}\,5}$			
4^{83}			5^{22}		
			4^{29}	4^{293}	$1081^{\cancel{427}\,32}$
			3^{37}		

+	MEAN	H I	−	MEAN	ELEV.
					1081.432
7^{41}					
6^{55}	6^{553}	$1087^{\cancel{987}\,5}$			
5^{70}			5^{56}		
			4^{78}	4^{777}	$1083^{\cancel{207}\,8}$
			3^{99}		(1083^{220})
		STARTED	OVER		
8^{32}					1083.242
7^{03}	7^{033}	$1090^{\cancel{255}\,75}$			
5^{75}			6^{20}		
			4^{89}	4^{890}	$1085^{\cancel{365}\,85}$
			3^{58}		
7^{20}					
5^{99}	5^{990}	$1091^{\cancel{355}\,75}$			
4^{78}			5^{45}		
			4^{04}	4^{040}	$1087^{\cancel{315}\,35}$
			2^{63}		
* 7^{80}					
6^{65}	6^{647}	$1093^{\cancel{962}\,82}$			
5^{49}			6^{16}		
			4^{74}	4^{743}	$1089^{\cancel{219}\,39}$
			3^{33}		

PP # 34 END CITY OF PHOENIX BRASS CAP IN A HANDHOLE @ THE INT. OF SOUTHERN AVENUE & 19TH AVENUE (SEE PAGE 31, BOOK # 1)

UNADJUSTED ELEVATION $1083^{\cancel{220}\,242}$

LOW 0.034

PP # 34 SAME AS ABOVE

+	MEAN	H.I	−	MEAN	ELEV
					1089.239
7^{63}					
6^{41}	6^{410} ✓	$1095^{\cancel{629}\,49}$			
5^{19}			5^{81}		
			4^{43}	4^{427} ✓	$1091^{\cancel{202}\,22}$
			3^{04}		
7^{52}					
6^{17}	6^{173} ✓	$1097^{\cancel{395}\,95}$			
4^{83}			6^{38}		
			4^{95}	4^{953} ✓	$1092^{\cancel{422}\,42}$
			3^{53}		
			AC PVMT	4^{25}	1093^{13}
7^{57}					
6^{20}	6^{203} ✓	$1098^{\cancel{625}\,45}$			
4^{84}			5^{65}		
			4^{25}	4^{250} ✓	$1094^{\cancel{345}\,95}$
			2^{85}		
7^{38}					
6^{09}	6^{093} ✓	$1100^{\cancel{442}\,88}$			
4^{81}			5^{38}		
			4^{12}	4^{117} ✓	$1096^{\cancel{351}\,71}$
			2^{85}		

1092.445

PP#33 FND CITY OF PHOENIX BRASS CAP IN A HANDHOLE APPROX 6' NORTH OF THE INT OF 1ST AVENUE & SOUTHERN AVENUE 0.70 BELOW AC PVMT SURFACE & PAINTED PP#33

UNADJUSTED ELEVATION =

PP#33 SAME AS ABOVE

4	MEAN	HI	–	MEAN	ELEV
					1096.371
7^{44}					
6^{21}	6^{210} ✓	$1102^{\cancel{561}\ 81}$			
4^{98}			5^{92}		
			4^{55}	4^{547} ✓	$1098^{\cancel{014}\ 34}$
			3^{17}		
7^{42}					
6^{14}	6^{140} ✓	$1104^{\cancel{134}\ 74}$			
4^{86}			5^{21}		
			3^{96}	3^{963} ✓	$1100^{\cancel{191}\ 211}$
			2^{72}		
7^{65}					
6^{09}	6^{093} ✓	$1106^{\cancel{284}\ 304}$			
4^{54}			6^{37}		
			5^{20}	5^{200} ✓	$1101^{\cancel{084}\ 104}$
			4^{03}		
			AC PUMP	4^{65}	1101^{63}
6^{81}					
5^{62}	5^{617} ✓	$1106^{\cancel{701}\ 21}$			
4^{42}			5^{70}		
			4^{59}	4^{587} ✓	$1102^{\cancel{114}\ 134}$
			3^{47}		

1101.109

PP# 32 CITY OF PHOENIX BRASS CAP IN A [illegible] HOLE @ INT. OF 7TH AVENUE & SOUTHERN 0^{55} BELOW A.C. ANMT. SURFACE

PP# 32 SAME AS ABOVE

+	MEAN	H.I	−	MEAN	ELEV
					1102.134
7 40					
6 18	6 183 ✓	1108 317 ~~297~~			
4 97					
			5 48		
			4 23	4 230 ✓	1104 087 ~~067~~
			2 98		
7 44					
6 15	6 150 ✓	1110 37 ~~27~~			
4 86					
			5 95		
			4 65	4 650 ✓	1105 97 ~~87~~
			3 35		
6 98					
5 74	5 743 ✓	1111 30 ~~310~~			
4 51					
			5 52		
			4 40	4 400 ✓	1106 30 ~~940~~
			3 20		
6 73					
5 77	5 770 ✓	1112 700 ~~680~~			
4 81					
			5 69		
			4 73	4 730 ✓	1107 70 ~~950~~
			3 77		

+	MEAN	HI	−	MEAN	ELEV
					1107.970
7 03					
6 22	6 220	1114 ~~170~~ 90			
5 41			5 57		
			4 81	4 810	1109 ~~360~~ 80
			4 03		
3 32					
2 02	2 020	1111 ~~[illegible]~~ 400			
0 72			9 39		
			8 08	8 085	1103 ~~297~~ 317
			6 78		
4 22					
2 91	2 910	1106 ~~207~~ 27			
1 60			9 92		
			7 62	7 620	1098 ~~[illegible]~~ 607
			6 32		
4 25					
3 11	3 110	1101 ~~697~~ 717			
1 97			8 90		
			7 61	7 610	1099 ~~[illegible]~~ 107
			6 32		

1109.388

PP # 26 END CITY OF PHOENIX BRASS CAP FLUSH WITH A.C. PUMT. @ INT. OF CENTRAL AVENUE & SOUTHERN AVENUE

PP # 26 SAME AS ABOVE

+	MEAN	H I	−	MEAN	ELEV
					1094.107
4 65		57			
3 45	3 450	1097 ~~537~~			
2 25			8 84		
			7 44	7 440	1090 ~~077~~ 117
			6 04		
3 62		57			
2 44	2 440	1092 ~~537~~			
1 26			10 93		
			9 83	9 830	1082 ~~737~~ 27
			8 73		
3 96		460			
2 73	2 733	1085 ~~449~~			
1 51			7 44		
			6 36	6 360	1079 ~~080~~ 100
			5 28		
3 09		50			
2 05	2 050	1081 ~~130~~			
1 01			8 77		
			7 53	7 530	1073 ~~600~~ 20
			6 29		

	MEAN	HI		MEAN	ELEV
					1073.620
4 93					
3 72	3 720 /	1077 340			
2 51			7 78		
			6 19	6 190 /	1071 50
			4 60		
5 96					
4 83	4 830 /	1075 80			
3 70			6 82		
			5 42	5 420 /	1070 60
			4 02		
6 36		1076.000			
5 44	5 440 /	1075 980			
4 52			5 99		
			4 70	4 703 /	1071 97
			3 42		
6 58					
5 55	5 553 /	1076 50			
4 53			5 52		
			4 60	4 600 /	1072 50
			3 68		
			AC. PUMP	4 05	1072 78

1072.264

Pp# 5 FND CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ THE INT. OF CENTRAL AVENUE & BROADWAY 0 55 BELOW A.C. PUMP SURFACE.

ψ	MEAN	HI	-	MEAN	ELEV
					1072.250
5^{03}					
3^{84}	3^{840} ✓	$1076^{0\cancel{70}\,90}$			
2^{65}			7^{10}		
			5^{86}	5^{860} ✓	$1070^{2\cancel{\ }\,30}$
			4^{62}		
5^{80}					
4^{57}	4^{573} ✓	$1074^{\cancel{785}\,803}$			
3^{35}			7^{13}		
			5^{80}	5^{800} ✓	$\cancel{1068}\,\cancel{983}$ 1069.003
			4^{47}		
6^{02}					
4^{70}	4^{703} ✓	$1073^{\cancel{686}\,706}$			
3^{39}			6^{65}		
			5^{28}	5^{280} ✓	$1068^{4\cancel{86}\,26}$
			3^{91}		
5^{37}					
4^{13}	4^{127} ✓	$1072^{5\cancel{83}\,53}$			
2^{88}			6^{53}		
			5^{16}	5^{160} ✓	$1067^{3\cancel{73}\,93}$
			3^{79}		

PP#5 SEE PAGE 35

#	MEAN	HI	-	MEAN	ELEV
					1067.393
5.93					
4.47	4.470	1071.843			
3.01			6.51		
			5.03	5.030	1066.833
			3.55		
			A.C. PUMT	4.41	1067.43
5.28					
4.11	4.110	1070.923			
2.94			6.58		
			5.04	5.040	1065.903
			3.50		
5.16					
4.02	4.023	1069.906			
2.89			6.43		
			5.28	5.280	1064.646
			4.13		
5.90					
4.40	4.400	1069.026			
2.90			6.21		
			5.15	5.150	1063.876
			4.09		

1066.850

PP#6 END CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ THE INT. OF BROADWAY AVENUE & 7TH AVENUE 0.62 BELOW A.C. PMT SURFACE.

PP#6 SAME AS ABOVE

+	MEAN	H.I	−	MEAN	ELEV
					1063.896
5^{34}					
4^{08}	4^{080}	$1067^{\cancel{956}\ 76}$			
2^{82}			6^{97}		
			5^{55}	5^{550}	$1062^{\cancel{46}\ 26}$
			4^{11}		
5^{12}					
3^{90}	3^{900}	$1066^{\cancel{366}\ 26}$			
2^{68}			7^{59}		
			6^{07}	6^{070}	$1060^{\cancel{236}\ 56}$
			4^{57}		
			AS PUNT	5^{65}	1060^{66}
5^{83}					
4^{74}	4^{743}	$1064^{\cancel{777}\ 91}$			
3^{66}			7^{28}		
			5^{90}	5^{903}	$1059^{\cancel{076}\ 96}$
			4^{53}		
6^{10}		1064.019			
4^{92}	4^{923}	~~1068~~ $^{\cancel{989}}$			
3^{75}			7^{03}		
			5^{65}	5^{650}	$1058^{\cancel{339}\ 69}$
			4^{27}		

1060.275
PP#7 FND CITY OF PHOENIX BRASS CAP IN HAND HOLE @ THE JCT OF BROADWAY AVE & 15TH AVE. 0.42 BELOW AS PUNT. SCRATCH & PAINTED PP#7

PP#7 SAME AS ABOVE.

+	MEAN	HI	−	MEAN	ELEV
					1058.369
5^{61}					
4^{31}	4^{310}	$1062^{\cancel{649}\ 79}$			
3^{01}			7^{67}		
			6^{25}	6^{247}	$1056^{\cancel{402}\ 32}$
			4^{82}		
6^{15}					
4^{99}	4^{943}	$1061^{\cancel{345}\ 75}$			
3^{74}			7^{75}		
			6^{05}	6^{053}	$1055^{\cancel{292}\ 322}$
			4^{36}		
6^{14}		1060.019			
4^{70}	4^{697}	$\cancel{1059}\ \cancel{989}$			
3^{25}			8^{60}		
			6^{96}	6^{960}	$1053^{\cancel{029}\ 59}$
			5^{32}		(1053 057)
6^{02}					1053.059
4^{56}	4^{663}	$1057^{\cancel{720}\ 744}$			
3^{31}			7^{28}		
			5^{99}	5^{993}	$1051^{\cancel{727}\ 751}$
			4^{71}		

LOW 0.022 1053.081

PP# 8 FND CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ THE INT. OF 19TH AVENUE & BROADWAY AVENUE. SEE ROOF = PAGE ~~34~~ 33 314

UNADJUSTED ELEVATION 1053 ~~057~~ 081

1052 956

1053 326

+	MEAN	H I	−	MEAN	ELEV.
					1051.751
9^{16}					
7^{87}	7^{867} ✓	1059 ~~594~~ 618			
6^{57}			5^{65}		
			4^{39}	4^{390} ✓	1055 ~~204~~ 228
			3^{13}		
6^{05}					
4^{73}	4^{723} ✓	1059 ~~927~~ 951			
3^{40}			7^{51}		
			6^{08}	6^{083} ✓	1053 ~~844~~ 868
			4^{66}		
5^{80}					
4^{48}	4^{480} ✓	1058 ~~324~~ 348			
3^{16}			6^{11}		
			4^{86}	4^{857} ✓	1053 ~~487~~ 491
			3^{60}		
4^{50}					
3^{23}	3^{230} ✓	1056 ~~697~~ 721			
1^{96}			7^{75}		
			6^{40}	6^{400} ✓	1050 ~~297~~ 321
			5^{05}		

1053.463

PP#9 FND PK NAIL IN A CROSS IN ℄ OF BROADWAY AVE APPROX 1/2 MI. WEST OF PP#8 & MARKED PP#9 IN FRONT OF VICTORS AUTO. REPAIR SHOP @ 2150 W. BROADWAY

4	MEAN	H I	-	MEAN	FLEV
					1050.321
5^{78}		938			
4^{62}	4^{617} ✓	1054 ~~914~~			
3^{45}			7^{05}		168
			5^{22}	5^{770} ✓	1049 ~~144~~
			4^{49}		
6^{26}		108			
4^{94}	4^{940} ✓	1054 ~~084~~			
3^{62}			6^{76}		818
			5^{29}	5^{290} ✓	1048 ~~794~~
			3^{82}		
6^{52}		048			
5^{23}	5^{230} ✓	1054 ~~024~~			
3^{94}			7^{10}		445
			5^{60}	5^{603} ✓	1048 ~~421~~
			4^{11}		
5^{34}	4.217	1052.662			
4^{22}	~~5^{960}~~	~~1054~~ ~~381~~			
3^{09}			6^{12}		1047.472
			5^{19}	5^{190} ✓	~~1049~~ ~~191~~
			4^{26}		

+	MEAN	HI	−	MEAN	ELEV
					1047.472
5.96		1052.112			
4.64	4.640 ✓	~~1053.831~~			
3.32			6.93		1046.532
			5.58	5.580 ✓	~~1048.251~~
			4.23		
			PVMT	5.08	1048.75
6.09		1051.249			
4.72	4.717 ✓	~~1052.968~~			
3.39			6.62		1045.949
			5.30	5.300 ✓	~~1047.668~~
			3.98		
6.16		1051.119			
5.17	5.170 ✓	~~1052.838~~			
3.88			7.87		1044.769
			6.35	6.350 ✓	~~1046.488~~
			4.83		
6.47		1049.829			
5.06	5.060 ✓	~~1051.548~~			
3.65			9.42		1041.959
			7.87	7.870 ✓	~~1043.678~~
			6.32		

1046.461

PP#10 TWO CITY OF PHOENIX BRASS CAP IN A HANDHOLE @ THE INTERSECTION OF 27TH AVENUE & BROADWAY AVENUE 0.50 BELOW A.C. PVMT SURFACE

PP#10 SAME AS ABOVE

∡	MEAN	H.I	-	MEAN	ELEV.
					1041.959
4^{73}		1045.429			
3^{47}	3^{470}	~~1047~~ 148			
2^{21}			6^{77}		1039.872
			5^{56}	5^{557}	~~1041~~ 591
			4^{34}		
5^{26}		1043.975			
4^{10}	4^{103}	~~1045~~ 694			
2^{95}			7^{98}		1037.218
			6^{76}	6^{757}	~~1038~~ 937
			5^{53}		
			AC PVMT	6^{09}	1039^{60}
5^{66}		1041.648			
4^{43}	4^{430}	~~1043~~ 367			
3^{20}			4^{40}		1038.438
			3^{21}	3^{210}	~~1040~~ 157
			2^{02}		
8^{64}		1045.818			
7^{38}	7^{380}	~~1047~~ 537			
6^{12}			6^{89}		1040.348
			5^{47}	5^{470}	~~1042~~ 467
			4^{05}		

1037.111

PP# 11 FND MARICOPA CO BRASS CAP IN A HAND HOLE APPROX 1/2 MI WEST OF PP#10 & 7^{7} NO. OF ℄ OF BROADWAY AVE 0^{67} BELOW AC PVMT SURFACE APPROX 50' NO. OF N.E CORNER OF 6' CHAIN LINK FENCE @ 3125 W BROADWAY AVENUE.

+	MEAN	H I	−	MEAN	ELEV
					1040.348
5^{22}		1044.325			
3^{98}	3^{977}	~~1046~~ 054			
2^{73}			7^{12}		1038.592
			5^{73}	5^{733}	~~1040~~ 311
			4^{35}		
5^{02}		1042.369			
3^{78}	3^{777}	~~1044~~ 088			
2^{53}			6^{52}		1037.039
			5^{33}	5^{330}	~~1038~~ 758
			4^{14}		
5^{22}		1041.209			
4^{17}	4^{170}	~~1042~~ 928			
3^{12}			5^{78}		1036.176
			5^{03}	5^{033}	~~1037~~ 895
			4^{29}		
5^{61}		1041.083			
4^{91}	4^{907}	~~1042~~ 802			
4^{20}			6^{24}		1035.460
			5^{62}	5^{623}	~~1037~~ 129
			5^{01}		
			AC PVMT.	5^{37}	1037^{43}

1035.310

BM #12 FND MARICOPA COUNTY BRASS CAP IN A HANDHOLE APPROX 12' NORTH OF INT OF 35TH AVE & BROADWAY AVE 0.25 BELOW A.C. PUMT SURFACE

+	MEAN	HI	−	MEAN	FROM
					1035.460
7^{75}		1041.993			
6^{53}	6^{533} ✓	~~1043~~ 712			
5^{32}			6^{81}		1036.273
			5^{72}	5^{720} ✓	~~1037~~ 992
			4^{63}		
5^{63}		1040.803			
4^{53}	4^{530} ✓	~~1042~~ 522			
3^{43}			5^{64}		1036.180
			4^{62}	4^{620} ✓	~~1037~~ 902
			3^{61}		
6^{91}		1041.820			
5^{69}	5^{640} ✓	~~1043~~ 542			
4^{37}			5^{79}		1037.310
			4^{51}	4^{510} ✓	~~1039~~ 032
			3^{23}		
5^{36}		1041.423			
4^{11}	4^{113} ✓	~~1043~~ 145			
2^{87}			7^{18}		1035.376
			6^{05}	6^{047} ✓	~~1037~~ 048
			4^{91}		

PPM 12 SEE PAGE 44

+	MEAN	H.I.	−	MEAN	[illegible]
					1035.326
4^{63}		1038.776			
3^{40}	3^{400}	~~1040~~ 498			
2^{17}			5^{98}		1033.856
			4^{92}	4^{920}	~~1035~~ 578
			3^{86}		
5^{16}		1037.796			
3^{94}	3^{940}	~~1039~~ 518			
2^{72}			7^{37}		1031.843
			5^{95}	5^{953}	~~1033~~ 565
			4^{54}		
5^{90}		1036.523			
4^{68}	4^{680}	~~1038~~ 245			
3^{46}			7^{23}		1030.643
			5^{88}	5^{880}	~~1032~~ 365
			4^{53}		
5^{68}		1035.123			
4^{48}	4^{480}	~~1036~~ 845			
3^{28}			5^{85}		1030.583
			4^{54}	4^{540}	~~1032~~ 305
			3^{23}		

+	MEAN	HI	−	MEAN	ELEV
					1030.583
6^{63}		1035.963			
5^{38}	5^{380}	~~1037.685~~			
4^{13}			5^{24}		1032.063
			3^{20}	3^{900}	~~1033.785~~
			2^{56}		
6^{76}		1037.586			
5^{52}	5^{523}	~~1039.308~~			
4^{29}			4^{68}		1034.113
			3^{47}	3^{473}	~~1035.835~~
			2^{27}		
7^{22}		1040.206			
6^{09}	6^{093}	~~1041.828~~			
4^{97}			4^{12}		1037.123
			3^{08}	3^{083}	~~1038.845~~
			2^{05}		

PP #38 FND MARICOPA CO BRASS CAP IN A HANDHOLE @ THE INT. OF SOUTHERN AVENUE & 35TH AVENUE SEE BOOK 315 PAGE 22.

ORTHOMETRIC ELEVATION = ~~1036.825~~

High 0.228 1036.895

+	MEAN	HI	−	MEAN	ELEV
					870
5^{97}		617			985 ~~850~~
4^{75}	4^{747} ✓	990 ~~697~~			
3^{52}			5^{41}		504
			4^{11}	4^{113} ✓	986 ~~484~~
			2^{82}		
6^{53}		754			
5^{29}	5^{290} ✓	991 ~~774~~			
4^{05}			5^{87}		234
			4^{56}	4^{560} ✓	987 ~~214~~
			3^{25}		
6^{95}		937			
5^{70}	5^{703} ✓	992 ~~917~~			
4^{46}			4^{69}		484
			3^{45}	3^{453} ✓	989 ~~464~~
			2^{22}		
5^{28}		537			
4^{05}	4^{053} ✓	993 ~~517~~			
2^{83}			5^{65}		127
			4^{41}	4^{410} ✓	989 ~~107~~
			3^{17}		

PP #68 FND PK NAIL @ INT. OF 75TH
AVENUE & BASELINE ROAD & PAINTED
PP #68 SEE BOOK #314 I PAGE # 56
UNADJUSTED ELEVATION = 985 ~~859~~ 870

7	MEAN	H.I.	—	MEAN	FLEV
					989.127
6^{10}					
4^{87}	4^{867} /	994 ~~774~~ 993			
3^{63}			5^{03}		
			4^{36}	4^{360} /	634 ~~614~~ 989
			3^{69}		
6^{28}					
5^{58}	5^{577} /	211 ~~171~~ 995			
4^{87}			6^{04}		
			5^{38}	5^{383} /	828 ~~808~~ 989
			4^{73}		
5^{62}					
4^{36}	4^{357} /	185 ~~155~~ 994			
3^{09}			4^{98}		
			3^{56}	3^{560} /	625 ~~605~~ 990
			2^{11}		
5^{94}					
4^{71}	4^{710} /	335 ~~315~~ 995			
3^{48}			5^{50}		
			4^{18}	4^{180} /	155 ~~135~~ 991
			2^{86}		

989.836

PP#67 FND PK NAIL IN CROSS APPROX ½ M. EAST OF PP#68 & IN ℄ OF BASELINE RD @ THE INTERSECTION OF BASELINE & A DIRT FARM ROAD TO THE NORTH (TRACK?)

1	MEAN	H.I	—	MEAN	FLOW
					991.155
5^{71}		628			
4^{47}	4^{473} ✓	995 ~~608~~			
3^{24}			5^{12}		991.761
			3^{87}	3^{867} ✓	997 ~~741~~
			2^{61}		
6^{33}		831			
5^{07}	5^{070} ✓	996 ~~911~~			
3^{81}			5^{27}		821
			4^{01}	4^{010} ✓	992 ~~801~~
			2^{75}		
6^{26}		791			
4^{97}	4^{970} ✓	997 ~~771~~			
3^{68}			5^{24}		198
			3^{59}	3^{593} ✓	994 ~~128~~
			1^{95}		
			AC PVMT	3^{18}	994 ^{57}
5^{12}		045			
3^{85}	3^{847} ✓	998 ~~025~~			
2^{57}			5^{30}		775
			4^{27}	4^{270} ✓	993 ~~755~~
			3^{24}		

994.212

PP #66 FNA MARICOPA CO. BRASS CAP IN A HAND HOLE @ THE INT. OF 67TH AVE & THE NORTH & BASELINE ROAD & POINTS PP #66 0.41 BELOW A.C. PVMT SURFACE.

PP #66 SAME AS ABOVE

4	MEAN	H.I.	—	MEAN	FREQ.
					993.775
5^{81}					
4^{54}	4^{543}	998 ~~298~~ 318			
3^{28}			5^{49}		
			4^{20}	4^{197}	994 ~~101~~ 121
			2^{90}		
5^{63}					
5^{37}	5^{367}	999 ~~468~~ 488			
4^{10}			4^{92}		
			3^{78}	3^{780}	995 ~~688~~ 708
			2^{64}		
5^{32}					
4^{05}	4^{047}	999 ~~735~~ 755			
2^{77}			5^{04}		
			3^{84}	3^{840}	995 ~~875~~ 915
			2^{64}		
5^{82}					
4^{84}	4^{840}	1000 ~~735~~ 755			
3^{86}			5^{31}		
			4^{15}	4^{150}	996 ~~585~~ 605
			2^{99}		

+	MEAN	HI	−	MEAN	ELEV.
					996.605
5^{82}					
5^{15}	5^{150} ✓	1001 ~~735~~ 755			
4^{48}			4^{98}		
			4^{39}	4^{390} ✓	997 ~~345~~ 365
			3^{80}		
6^{11}					
4^{83}	4^{830} ✓	1002 ~~175~~ 195			
3^{55}			5^{09}		
			3^{93}	3^{927} ✓	998 ~~248~~ 268
			2^{76}		
6^{07}					
4^{84}	4^{840} ✓	1003 ~~088~~ 108			
3^{61}			5^{35}		
			4^{14}	4^{137} ✓	998 ~~951~~ 971
			2^{92}		
6^{29}					
5^{00}	5^{000} ✓	1003 ~~951~~ 971			
3^{71}			5^{63}		
			4^{36}	4^{360} ✓	999 ~~591~~ 641
			3^{09}		

997.388

PP#65 FND PK NAIL IN A.C. PUMP @ THE INT OF 63RD AVE TO NORTH & BASELINE ROAD & PAINTED PP #65.

PP#65 SAME AS ABOVE

+	MEAN	H.I	-	MEAN	ELEV.
					999.611
6.25		611			
5.00	5.000	1004 ~~591~~			
3.75			4.76		834
			3.78	3.777	1000 ~~814~~
			2.79		
6.08		394			
4.56	4.560	1005 ~~374~~			
3.04			6.05		367
			4.03	4.027	1001 ~~347~~
			2.00		
			A.C. PUNT	3.90	1001.47
4.23		207			
2.84	2.840	1004 ~~187~~			
1.45			4.03		737
			2.77	2.770	1001 ~~417~~
			1.51		
6.23		324			
4.89	4.887	1006 ~~304~~			
3.54			4.04		484
			2.83	2.830	1003 ~~474~~
			1.62		

1001.396

PP #64 FND A 60 P NAIL IN A PAINTED CROSS APPROX 4' SO. OF ℄ OF BASELINE RD & APPROX 7' EAST OF ℄ OF 57TH AVE TO NORTH. 0.13 BELOW A.C. PUNT SURFACE & PAINTED PP #64

PP #64 SAME AS ABOVE.

+	MEAN	H.I.	−	MEAN	Elev
					1003.499
4 83		1007.004			
3 51	3 510 /	~~1006 984~~			
2 19			3 84		
			2 66	2 657 /	1004 ~~327~~ 347
			1 47		
5 89					
4 75	4 750 /	1009 ~~877~~ 097			
3 61			5 58		
			4 33	4 330 /	1004 ~~247~~ 767
			3 08		
6 52		989			
5 72	5 220 /	1009 ~~[illegible]~~			
3 92			5 01		1006.007
			3 88	3 980 /	~~1005 [illegible]~~
			2 95		
5 01					
4 49	4 490 /	1010 ~~477~~ 497			
3 97			4 84		
			4 27	4 273 /	1006 ~~204~~ 224
			3 71		

1006.261
PP#63 FND RR. NAIL IN PAINTED CROSS
APPROX ½ MI EAST OF PP#64 ~~on~~ ℄ OF
BASELINE RD 400' EAST OF S-S AUS IN
THE SOUTH & PAINTED PP#63

+	MEAN	H.I.	−	MEAN	FLOW
					1006.224
4^{77}		734			
3^{51}	3^{510} /	1009 ~~744~~			
2^{25}			4^{37}		717
			3^{02}	3^{017} /	1006 ~~727~~
			1^{66}		
6^{28}		667			
4^{95}	4^{950} /	1011 ~~647~~			
3^{62}			4^{14}		827
			2^{84}	2^{840} /	1008 ~~817~~
			1^{54}		
5^{94}		447			
4^{62}	4^{620} /	1013 ~~427~~			
3^{30}			5^{16}		827
			3^{62}	3^{620} /	1009 ~~907~~
			2^{08}		
5^{53}		357			
4^{53}	4^{530} /	1014 ~~337~~			
3^{53}			5^{54}		807
			4^{55}	4^{550} /	1009 ~~707~~
			3^{56}		

PP #63 SEE PAGE 54.

+	MEAN	H.I.	−	MEAN	ELEV.
6^{49}					
5^{16}	5^{160}	1014 967 ~~947~~			
3^{92}			5^{96}		
			4^{75}	4^{750}	1010 217 ~~197~~
			3^{54}		

1010.260

PP #62 FND MARICOPA CO. BRASS CAP IN A HAND HOLE @ THE INT. OF 51ST AVE & BASELINE ROAD SEE BK #1 PAGE #9

UNADJUSTED ELEVATION = 1010^{255}

LOW 0.043

+	MEAN	HI	−	MEAN	ELEV
					1010 ~~245~~ 260
6^{88}					
5^{59}	5^{587} ✓	1015.847			
4^{29}			4^{70}		
			3^{34}	3^{340} ✓	1012.507
			1^{98}		
6^{70}					
5^{83}	5^{333} ✓	1017.840			
3^{97}			5^{39}		
			4^{01}	4^{010} ✓	1013.830
			2^{63}		
6^{55}					
5^{30}	5^{300} ✓	1019.130			
4^{05}			4^{00}		
			2^{97}	2^{970} ✓	1016.160
			1^{94}		
5^{66}					
4^{38}	4^{380} ✓	1020.540			
3^{10}			2^{77}		
			1^{40}	1^{400} ✓	1019.140
			0^{03}		

PP # 62 FND MARICOPA CO BRASS CAP IN A HANDHOLE @ INT. OF 51ST AVENUE & BASELINE ROAD SEE BK + PAGE ~~#9~~ 314 88 ADJUSTED ELEVATION = 1010 ~~245~~ 260

+	MEAN	HT	−	MEAN	ELEV
					1018.140
6^{64}					
5^{35}	5^{350} ✓	1024.49			
4^{06}			3^{23}		
			1^{80}	1^{800} ✓	1022.69
			0^{37}		
5^{84}					
4^{75}	4^{750} ✓	1027.44			
3^{66}			6^{03}		
			4^{74}	4^{737} ✓	1022.~~488~~ 703
			3^{44}		
6^{59}					
5^{29}	5^{293} ✓	1027.996			
4^{00}			4^{72}		
			3^{49}	3^{490} ✓	1024.506
			2^{26}		
6^{37}					
5^{07}	5^{070} ✓	1029.576			
3^{77}			3^{62}		
			2^{12}	2^{123} ✓	1027.453
			0^{63}		

1022.709

PP #61 FND PK NAIL IN PAINTED CROSS APPROX 1/2 MI. EAST OF PP #62 & IN & OF BASE LINE ROAD IN FRONT OF & SOUTH OF A RANCH STYLE BRICK BUNGALOW WITH CEDAR SHAKE ROOF & PAINTED PP #61

& PP #61 SAME AS ABOVE.

+	MEAN	H.I.	−	MEAN	ELEV
					1027.453
7^{20}					
5^{93}	5^{933} ✓	1033.386			
4^{67}			2^{40}		
			1^{48}	1^{480} ✓	1031.906
			0^{56}		
7^{27}					
5^{97}	5^{973} ✓	1037.879			
4^{68}			4^{44}		
			3^{17}	3^{170} ✓	1034.709
			1^{90}		
6^{66}					
5^{18}	5^{180} ✓	1039.889			
3^{20}			6^{12}		546
			4^{34}	4^{343} ✓	1035 ~~544~~
			2^{57}		
			AC. PMT	3^{81}	
7^{22}					
5^{93}	5^{927} ✓	1041.473			
4^{63}			4^{90}		
			3^{62}	3^{620} ✓	1037.853
			2^{34}		

1035.556

PP #60 FND MARICOPA COUNTY BRASS CAP IN A HANDHOLE APPROX 0' NORTH OF ℄ OF BASELINE ROAD @ THE INT. OF BASELINE ROAD & 43RD AVE TO THE NORTH & APPROX 290' EAST OF ℄ OF 43RD AVENUE TO THE SOUTH. 0^{53} BELOW AC. PMT SURFACE

+	MEAN	H.I.	−	MEAN	ELEV
					1032.853
6.17					
4.82	4.817	1042.670			
3.46			4.77		
			3.36	3.363	1039.307
			1.96		
7.87					
6.34	6.343	1043.650			
4.82			3.36		
			1.96	1.960	1043.690
			0.56		
6.34					
5.09	5.090	1048.780			
3.84			4.40		
			3.35	3.347	1045.433
			2.29		
5.68					
5.09	5.093	1050.526			
4.51			5.53		
			4.90	4.900	1045 ~~621~~ 626
			4.27		
			AC NMT	4.22	

1045.640
PP # 59 FND 3/4" STEEL BAR APPROX 6' NORTH OF ℄ OF BASELINE ROAD & 1/2 MI. EAST OF PP #60 IN PAINTED CROSS 0.68 BELOW AC RMT
SURVEY & PAINTED PP #59

+	MEAN	HI	-	MEAN	FLOW
					1045.626
7^{48}					
6^{23}	6^{283} ✓	1051.859			
4^{79}			4^{46}		
			3^{21}	3^{213} ✓	1048.646
			1^{97}		
6^{47}					
5^{21}	5^{213} ✓	1053.859			
3^{96}			4^{70}		
			3^{33}	3^{330} ✓	1050.529
			1^{96}		
7^{26}					
5^{95}	5^{950} ✓	1056.479			
4^{64}			4^{66}		
			3^{42}	3^{420} ✓	1053.069
			2^{18}		
6^{37}					
5^{00}	5^{000} ✓	1058.059			
3^{63}			6^{29}		
			3^{77}	3^{770} ✓	1054.289
			1^{25}		

PP #57 SEE PAGE 60

+	MEAN	H.I.	-	MEAN	FCEU
					1054.289
6^{41}					
5^{39}	5^{390} ✓	1059.679			
4^{37}			3^{38}		
			2^{35}	2^{353} ✓	1057.326
			1^{33}		
7^{01}					
5^{85}	5^{850} ✓	1063.176			
4^{69}			4^{99}		
			4^{06}	4^{060} ✓	1059 ~~111~~ 116
			3^{13}		
			A.C. PUMP	3^{31}	
7^{42}					
6^{17}	6^{170} ✓	1065.286			
4^{92}			5^{10}		
			3^{92}	3^{917} ✓	1061.369
			2^{73}		
6^{48}					
5^{22}	5^{223} ✓	1066.592			
3^{97}			4^{37}		
			3^{18}	3^{183} ✓	1063.409
			2^{00}		

1059.135

PP#58 FND A P.K. NAIL IN A ROCK IN A HAND HOLE @ THE INT. OF BASELINE ROAD & 35TH AVENUE TO THE NORTH 0^{76} BELOW AS PUMP SURFACE & PAINTED PP#58

PP#58 SAME AS ABOVE

#	MEAN	HI	—	MEAN	ELEV
					1063.009
6^{63}					
5^{27}	5^{270} ✓	1068.679			
3^{91}					
			4^{23}		
			2^{90}	2^{900} ✓	1065.779
			1^{57}		
6^{13}					
5^{03}	5^{030} ✓	1070.809			
3^{93}					
			3^{98}		
			2^{55}	2^{550} ✓	1068.259
			1^{12}		
6^{99}					
5^{57}	5^{573} ✓	1073.832			
4^{16}					
			4^{92}		
			3^{17}	3^{170} ✓	1070 ~~667~~ 662
			1^{42}		
			A.C. PUMP	2^{72}	
7^{54}					
6^{35}	6^{347} ✓	1077.009			
5^{15}					
			5^{34}		
			3^{94}	3^{943} ✓	1073.066
			2^{55}		

1070.685

PP#57 FND MARICOPA CO. BRASS CAP IN A HAND HOLE 4.5' NORTH OF ℄ OF BASELINE ROAD & APPROX 6.1' EAST OF PP#58 & APPROX 12' EAST & 70' NORTH OF THE N.E CORNER OF A WHITE FRAME & BRICK WHITE RANCH HOUSE 0.45' BELOW AC PUMP SURFACE & PAINTED PP#57

+	MEAN	HI	−	MEAN	ELEV
					1073.066
7^{25}					
5^{99}	5^{990} ✓	1079.056			
4^{73}			4^{44}		
			3^{38}	3^{380} ✓	1075.676
			2^{32}		
7^{19}					
5^{95}	5^{947} ✓	1081.623			
4^{70}			4^{58}		
			3^{26}	3^{260} ✓	1078.363
			1^{94}		
7^{29}					
6^{07}	6^{073} ✓	1084.436			
4^{86}			4^{15}		
			2^{73}	2^{727} ✓	1081.709
			1^{30}		
7^{82}					
6^{56}	6^{565} ✓	1088.272			
5^{31}			4^{31}		
			3^{42}	3^{423} ✓	1088.849
			2^{54}		

+	MEAN	HI	-	MEAN	ELEV
					1084.849
6^{47}					
5^{87}	5^{870}	1090.719			
5^{27}			4^{84}		
			4^{32}	4^{320}	1086 ~~394~~ 399
			3^{80}		
6^{70}					
5^{49}	5^{493}	1091.892			
4^{29}			3^{72}		
			2^{62}	2^{620}	1089.272
			1^{52}		
6^{88}					
5^{64}	5^{640}	1094.912			
4^{40}			3^{96}		
			2^{83}	2^{827}	1092.085
			1^{69}		
7^{90}					
6^{67}	6^{670}	1098.755			
5^{44}			4^{55}		
			3^{11}	3^{107}	1095.648
			1^{66}		

1086.427

PP# 56 FND PK NAIL IN PAINTED CROSS APPROX 27' EAST OF THE INTERSECTION OF BASELINE RD & 27TH AVENUE TO THE NORTH & PAINTED PP# 56.

PP# 56 SAME AS ABOVE.

+	MEAN	H.I.	−	MEAN	ELEV
					1095.648
7^{07}					
5^{82}	5^{820} /	1101.468			
4^{57}			4^{21}		
			3^{17}	3^{170} /	1098.30
			2^{13}		
7^{45}					
6^{19}	6^{193} /	1104.481			
4^{94}			4^{69}		
			4^{04}	4^{043} /	1100.448
			3^{40}		
7^{04}					
6^{40}	6^{400} /	1106.848			
5^{76}			4^{98}		
			4^{30}	4^{300} /	$1102^{5\cancel{43}\,48}$
			3^{62}		
7^{47}					
6^{20}	6^{203} /	1108.751			
4^{94}			4^{16}		
			2^{90}	2^{900} /	1105.851
			1^{64}		

1102.581

PP # 55 FND PK NAIL IN PAINTED CROSS IN ℄ OF BASELINE ROAD APPROX ½ MI EAST OF PP # 56 & IN FRONT OF & TO NORTH OF WHITE HOUSE @ 2235 W. BASELINE & PAINTED PP # 55

	MEAN	HE		MEAN	ELEV
					1105.851
7^{03}					
5^{85}	5^{853} /	1111.704			
4^{68}			4^{36}		
			3^{08}	3^{080} /	1108.624
			1^{80}		
8^{13}					
6^{93}	6^{930} /	1115.554			
5^{73}			4^{63}		
			3^{28}	3^{283} /	1112.271
			1^{94}		
7^{80}					
6^{56}	6^{560} /	1118.831			
5^{32}			5^{11}		
			4^{25}	4^{250} /	1114.581
			3^{39}		
7^{18}					
6^{07}	6^{073} /	1120.654			
1^{97}			5^{66}		1116.187
			1^{47}	4^{467} /	~~HS 180~~
			3^{27}		

+	MEAN	H I	−	MEAN	ELEV.
					1116.187
6^{82}					
6^{00}	5^{997} ✓				
5^{17}			4^{25}		
			3^{44}	3^{440} ✓	1118 ~~791~~ 744
			2^{63}		
				2^{58}	

1118.782

PP# 54 FND MARICOPA BRASS CAP IN A HAND HOLE @ INT OF BASELINE ROAD & 19TH AVE TO THE NORTH 0.86 BELOW AS. PUMT SURFACE & PAINTED PP# 54

SEE BK # ~~1~~ 314 PAGE # ~~28~~ 27

LOW 0.038

+	MEAN	HI	−	MEAN	ELEV.
6^{72}					1046^{590}
5^{66}	5^{663}	1052^{253}			
4^{61}			5^{96}		
			4^{95}	4^{950}	1047^{303}
			3^{94}		
6^{10}					
5^{08}	5^{083}	1052^{386}			
4^{07}			6^{16}		
			5^{10}	5^{100}	1047^{286}
			4^{04}		
5^{84}					
4^{67}	4^{670}	1051^{756}			
3^{50}			5^{67}		
			4^{47}	4^{467}	1047^{489}
			3^{26}		
7^{34}					
6^{18}	6^{180}	1053^{659}			
5^{02}			6^{07}		
			4^{90}	4^{900}	1048^{709}
			3^{73}		

FRM 24 FND CITY OF PHOENIX BRASS CAP IN A HAND HOLE AT INT. OF 27TH AVE & DURANGO ST. 0 — BELOW AC. POINT SURFACE ELEVATION 1046 590

+	MEAN	H I	-	MEAN	ELEV
					1048.769
5^{19}					
4^{01}	4^{010}	1052^{779}			
2^{83}			6^{01}		
			4^{84}	4^{843}	1047^{986}
			3^{63}		
6^{01}					
5^{02}	5^{020}	1052^{956}			
4^{03}			6^{25}		
			5^{25}	5^{253}	1047^{703}
			4^{26}		
			PVMT	4^{70}	1048^{256}
6^{03}					
5^{01}	5^{010}	1052^{713}			
3^{99}			5^{83}		
			4^{88}	4^{880}	1047^{833}
			3^{93}		
6^{20}					
4^{95}	4^{953}	1052^{786}			
3^{71}			5^{35}		
			4^{15}	4^{150}	1048^{636}
			2^{95}		

PP # 4?

T	MEAN	H I	-	MEAN	ELEV
					1048.636
6^{17}					
5^{01}	5^{010}	1053^{646}			
3^{85}			7^{57}		
			6^{37}	6^{370}	1047^{276}
			5^{17}		
5^{92}					
4^{68}	4^{680}	1051^{956}			
3^{44}			5^{86}		
			4^{71}	4^{710}	1047^{246}
			3^{56}		
6^{27}					
5^{16}	5^{160}	1052^{406}			
4^{05}			6^{18}		
			5^{23}	5^{230}	1047^{176}
			4^{28}		
6^{18}					
5^{09}	5^{090}	1052^{266}			
4^{00}			6^{74}		
			5^{68}	5^{677}	1046^{589}
			4^{61}		

ERM #24 SEE PAGE 69 THIS BOOK.
1046.59 LOW 0.001

+	MEAN	H.I.	−	MEAN	ELEV
7^{09}					1118 ~~774~~ 782
6^{12}	6^{120} ✓	1124 ~~894~~ 902			
5^{15}			3^{66}		
			2^{31}	2^{310} ✓	1122 ~~684~~ 592
			0^{96}		
7^{30}					
6^{05}	6^{050} ✓	1128 ~~634~~ 642			
4^{89}			4^{00}		
			2^{63}	2^{627} ✓	1126 ~~007~~ 015
			1^{25}		
7^{17}					
6^{03}	6^{030} ✓	1132 ~~037~~ 045			
4^{89}			3^{65}		
			2^{39}	2^{390} ✓	1129 ~~049~~ 655
			1^{13}		
7^{61}					
6^{39}	6^{393} ✓	1136 ~~040~~ 048			
5^{18}			4^{22}		
			2^{95}	2^{947} ✓	1133 ~~093~~ 101
			1^{67}		

PP# 54 FND CITY OF PHOENIX BRASS CAP IN A HANDHOLE @ INT OF BASELINE ROAD & 17TH AVE TO THE NORTH 0.81 BELOW A.C. PVMT SURFACE SEE BOOK #1 PAGE # 28. UNADJUSTED ELEVATION = 1118 774

+	MEAN	HI	−	MEAN	FLEV
					1133.101
7.58		454 ~~446~~			
6.35	6.353 ✓	1139			
5.13			4.13		597 ~~589~~
			2.86	2.857 ✓	1136
			1.58		
8.58		914 ~~906~~			
7.32	7.317 ✓	1143			
6.05			4.09		364 ~~356~~
			2.55	2.550 ✓	1141
			1.01		
8.79		924 ~~916~~			
7.56	7.560 ✓	1148			
6.33			4.01		241 ~~233~~
			2.68	2.683 ✓	1146
			1.36		
7.53		508 ~~500~~			
6.26	6.257 ✓	1152			
5.01			5.12		018 ~~010~~
			3.49	3.490 ✓	1149
			1.86		

1136.600

PP #53 FND PK. NAIL IN PAINTED CROSS ON ℄ OF BASELINE ROAD APPROX ½ MI EAST OF PP #54 & APPROX 20' SOUTH OF SOUTHWEST CORN. OF CONC BRIDGE OVER IRRIGATION CANAL AND 1516 WEST BASELINE ROAD & PAINTED PP #53

#	MEAN	H.I.	—	MEAN	ELEV
					1149.018
8^{53}					
7^{18}	7^{180} ✓	1156 ~~140~~ 198			
5^{83}			3^{74}		
			2^{21}	2^{213} ✓	1153 ~~977~~ 985
			0^{69}		
7^{17}					
7^{81}	7^{807} ✓	1161 ~~984~~ 792			
6^{47}			4^{12}		
			2^{36}	2^{360} ✓	1159 ~~427~~ 432
			0^{60}		
			AC PVMT	1^{88}	1159 504
7^{84}					
6^{63}	6^{639}	1166 ~~544~~ 065			
5^{43}			4^{44}		
			3^{16}	3^{160} ✓	1162 ~~894~~ 905
			1^{88}		
10^{76}					
9^{52}	9^{523} ✓	1172 ~~417~~ 428			
8^{27}			7^{45}		
			6^{10}	6^{100} ✓	1166 ~~317~~ 328
			4^{75}		

1159.439
PP #52 FND CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ THE INTERSECTION OF BASELINE ROAD & 7TH AVENUE TO THE NORTH 0^{48} BELOW AC. PVMT. SURFACE & PAINTED PP # 52

PP #52 SAME AS ABOVE

+	MEAN	HI	−	MEAN	FLOW
					1166.328
6^{33}		388			
5^{06}	5^{060} /	1171 ~~377~~			
3^{79}			5^{70}		1167.001
			4^{39}	4^{387} /	1166 ~~990~~
			3^{07}		
6^{58}		341			
5^{34}	6^{340} /	1172 ~~330~~			
4^{10}			3^{76}		728
			2^{61}	2^{613} /	1169 ~~777~~
			1^{27}		
8^{00}		251			
6^{52}	6^{523} /	1176 ~~240~~			
5^{05}			5^{75}		128
			4^{12}	4^{123} /	1172 ~~117~~
			2^{50}		
			A.C. PVMT	3^{58}	1172^{66}
9^{60}		645			
8^{52}	8^{517} /	1180 ~~634~~			
7^{43}			3^{02}		788
			1^{86}	1^{857} /	1178 ~~277~~
			0^{69}		

1172.138

PP# 51 FND CITY OF PHOENIX BRASS CAP IN A HAND HOLE @ THE INTERSECTION OF BASELINE ROAD & CENTRAL AVENUE 0^{54} BELOW A.C. PAVEMENT SURFACE. & PAINTED PP# 51

+	MEAN	H.I.	−	MEAN	FAU
11.31		915			1178.788
10.13	10.127	1188 ~~904~~			
8.94			3.30		735
			2.18	2.180	1186 ~~724~~
			1.06		
9.26		785			
8.05	8.050	1194 ~~774~~			
6.84			3.05		862
			1.92	1.923	1192 ~~851~~
			0.80		
10.86		442			
9.58	9.580	1202 ~~431~~			
8.30			2.04		242
			1.20	1.200	1201 ~~231~~
			0.36		
11.28		335			
10.09	10.093	1211 ~~324~~			
8.91			4.09		405
			2.93	2.930	1208 ~~394~~
			1.77		
9.58		775			
8.37	8.370	1216 ~~764~~			
7.16			2.05		522
			1.25	1.253	1215 ~~511~~
			0.46		

+	MEAN	H.I.	−	MEAN	FLEU
12^{94}					1215.~~487~~ 522
11^{78}	11^{780} ✓	1227 ~~291~~ 302			
10^{62}			2^{05}		
			1^{10}	1^{100} ✓	1226 ~~191~~ 202
			0^{15}		
10^{52}					
9^{31}	9^{310} ✓	1235 ~~501~~ 512			
8^{10}			2^{30}		
			1^{25}	1^{247} ✓	1234 ~~254~~ 265
			0^{19}		
11^{12}					
9^{87}	9^{873} ✓	1244 ~~127~~ 138			
8^{63}			2^{06}		
			1^{16}	1^{160} ✓	1242 ~~967~~ 978
			0^{26}		
10^{15}					
9^{02}	9^{017} ✓	1251 ~~989~~ 995			
7^{88}			1^{73}		
			0^{93}	0^{930} ✓	1251 ~~054~~ 065
			0^{13}		
10^{45}					
9^{30}	9^{297} ✓	1260 ~~351~~ 362			
8^{14}			2^{80}		
			1^{87}	1^{867} ✓	1258 ~~484~~ 495
			0^{93}		

+	MEAN	H.I.	−	MEAN	ELEV
11 93		118			1258.495
10 62	10 623 ✓	1269 ~~107~~			
9 32			2 43		828
			1 29	1 290 ✓	1267 ~~817~~
			0 15		
2 71		228			
1 45	1 450 ✓	1269 ~~257~~			
0 19			7 39		025
			6 20	6 203 ✓	1263 ~~064~~
			5 04		
2 56		382			
1 31	1 307 ✓	1264 ~~377~~			
0 05			9 26		272
			8 11	8 110 ✓	1256 ~~264~~
			6 96		
2 92		912			
1 64	1 640 ✓	1257 ~~901~~			
0 36			10 26		019
			8 89	8 893 ✓	1249 ~~008~~
			7 53		
2 72		239			
1 22	1 220 ✓	1250 ~~228~~			
0 32			10 65		746
			9 49	9 493 ✓	1240 ~~735~~
			8 34		

1267.846

PP #71 FND. PK. NAIL IN ℄ OF DABBINS ROAD APPROX 40' EAST OF THE INT. OF DABBINS ROAD & CENTRAL AVE & PAINTED PP #71

+	MEAN	HI	−	MEAN	ELEV
2.61					1240.746
1.55	1.553	1242 ~~288~~ 299			
0.50			12.29		
			10.90	10.900	1231 ~~388~~ 399
			9.51		
3.27					
1.82	1.823	1233 ~~211~~ 222			
0.38			13.92		
			12.41	12.410	1220 ~~801~~ 812
			10.90		
2.70					
1.62	1.620	1222 ~~421~~ 432			
0.54			10.94		
			9.75	9.753	1212 ~~668~~ 679
			8.57		
[illegible]					
1.36	1.363	1214 ~~031~~ 042			
0.28			10.88		
			9.82	9.817	1204 ~~214~~ 225
			8.75		
3.15					
2.07	2.073	1206 ~~287~~ 298			
1.00			12.16		
			10.72	10.717	1195 ~~570~~ 581
			9.27		

1220.835

PP# 72 FND PK. NAIL IN PAINTED CROSS APPROX. 45' EAST OF ℄ OF 7TH AVE & IN ℄ OF DOBBINS ROAD & PAINTED PP# 72

+	MEAN	H.I	—	MEAN	ELEV.
3^{13}					1195.581
2^{06}	2^{060} ✓	1197 ~~630~~ 641			
0^{99}			11^{79}		
			10^{17}	10^{173} ✓	1187 ~~457~~ 468
			8^{56}		
3^{15}					
1^{94}	1^{940} ✓	1189 ~~397~~ 408			
0^{73}			9^{71}		
			8^{51}	8^{510} ✓	1180 ~~887~~ 898
			7^{31}		
4^{26}					
3^{51}	3^{507} ✓	1184 ~~394~~ 405			
2^{75}			7^{56}		
			6^{82}	6^{817} ✓	1177 ~~577~~ 588
			6^{67}		
3^{13}					
1^{73}	1^{730} ✓	1179 ~~307~~ 318			
0^{33}			8^{64}		
			7^{53}	7^{530} ✓	1171 ~~777~~ 788
			6^{42}		
3^{97}					
2^{65}	2^{650} ✓	1174 ~~427~~ 438			
1^{33}			9^{88}		
			8^{65}	8^{653} ✓	1165 ~~774~~ 785
			7^{43}		

1177.615

PP 73 END C.O.P. BRASS CAP FLUSH IN ℄ OF DORRINS ROAD & WEST OF 15TH AVE TO SOUTH

+	MEAN	HT	-	MEAN	ELEV.
4.00		555			1165.785
2.77	2.770	1168 ~~554~~			
1.54			8.80		
			7.69	7.687	1160 ~~857~~ 868
			6.57		
4.43		1164.601			
3.13	3.133	~~1163~~ ~~990~~			
1.82			8.55		
			7.07	7.070	1156 ~~720~~ 931
			5.59		
4.00		561			
2.63	2.630	1159 ~~590~~			
1.26			8.84		
			7.29	7.290	1152 ~~260~~ 271
			5.74		

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FND CITY OF PHOENIX BRASS CAP FLUSH WITH AS. PUMT IN ℄ OF DOBBINS ROAD APPROX 20' EAST OF ℄ OF 17TH AVENUE & PAINTED PP# 24

UNADJUSTED ELEVATION 1152.284

LOW 0.030 1152.301

Book 316-1
LAVEEN 40916-02

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LAVEEN DRAINAGE

STUDY

[illegible] R. GONDER

ϕ U. ALEXANDER

316 01

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+	MEAN	HI	—	MEAN	ELEV.
					1035 ~~619~~ 627
5 77					
4 52	4 517	1040.144			
3 26			6 01		
			4 92	4 923	1035.221
			3 84		
5 34					
4 09	4 040	1039.261			
2 74			5 39		
			4 66	4 660	1034.601
			3 73		
5 69					
4 38	4 380	1038.981			
3 07			5 98		
			4 87	4 873	1034.108
			3 77		
5 44					
4 10	4 097	1038.205			
2 75			5 83		
			4 62	4 620	1033 ~~577~~ 585
			3 31		

PP # 82 FND MARICOPA CO. BRASS CAP IN A HAND HOLE @ INT. OF DOBBINS RD & 51ST AVE @ LAUREN SEE BOOK # 314 PAGE # ~~75~~ 12 UNADJUSTED ELEVATION = 1035 619

+	Mean	HE	−	Mean	Final
					1033.585
5 46					
4 17	4 173	1037.758			
2 89			5 77		
			4 71	4 713	1033.045
			3 66		
6 13					
4 82	4 820	1037.865			
3 51			6 10		
			4 89	4 890	1032.975
			3 68		
5 75					
4 40	4 397	1037.372			
3 04			5 18		
			4 12	4 117	1033.255
			3 05		
6 17					
4 89	4 890	1038.145			
3 59			5 71		
			4 27	4 273	1033 ~~864~~ 872
			2 84		

+	MEAN	H.I.	−	MEAN	ELEV
					1033.872
6.34 4.52 2.69	4.517	1038.389			
			4.94 3.51 2.67	3.807	1034.582
5.79 4.69 3.60	4.693	1039.275			
			4.93 4.11 3.29	4.110	1036.165
6.29 5.16 4.03	5.160	1040.325			
			4.93 4.09 3.06 A.C. PUMT	3.997 3.63	1036.328
7.09 5.82 4.54	5.817	1042.145			
			4.27 2.90 1.54	2.903	1039.242

1036.336
PP#98 FND MARICOPA CO. BRASS CAP IN A HAND HOLE @ THE INT. OF 51ST AVE & ELIOT RD. W/ PAINTED CROSS 0.37 BELOW A.C. PUMT SURFACE.

+	MEAN	HI	−	MEAN	FEED.
					1039.242
6^{61}					
5^{38}	5^{380}	1049.622			
4^{15}			4^{02}		
			2^{61}	2^{607}	1042.015
			1^{19}		
6^{86}					
5^{52}	5^{520}	1047.535			
4^{18}			4^{26}		
			2^{56}	2^{560}	1044.575
			0^{86}		
7^{01}					
5^{72}	5^{717}	1050.692			
4^{42}			4^{37}		
			3^{26}	3^{263}	1047.429
			2^{16}		
6^{76}					
5^{46}	5^{463}	1052.892			
4^{17}			4^{59}		
			3^{20}	3^{200}	1049 ~~994~~ 692
			1^{81}		

+	MEAN	H.I.	−	MEAN	FLUX
					1049.692
6^{04}					
4^{73}	4^{727}	1054.419			
3^{41}			4^{54}		
			3^{28}	3^{283}	1051.136
			2^{03}		
5^{61}					
4^{28}	4^{283}	1055.419			
2^{96}			5^{22}		
			3^{84}	3^{840}	1051.579
			2^{46}		
5^{54}					
4^{24}	4^{240}	1055.819			
2^{94}			5^{08}		
			3^{74}	3^{743}	1052.076
			2^{41}		
5^{56}					
4^{29}	4^{293}	1056.369			
3^{03}			5^{21}		
			3^{74}	3^{740}	1052 ~~621~~ 629
			2^{27}		

+	MEAN	H.I.	−	MEAN	ELEV.	
					1052.619	
5 55						
4 31	4 310	1056.939				1052.501
3 07			5 52		486	PP#109 FND MARICOPA CO. BRASS CAP IN
			4 45	4 453	1052 ~~478~~	A HAND HOLE @ INT. OF 51ST AVENUE &
			3 39			ESTRELLA DRIVE IN A FADED CROSS
			A.C. PVMT	4 12		0 33 BELOW A.C. PVMT. SURFACE
7 20						
5 90	5 897	1058.383				
4 59			3 64			
			2 40	2 397	1055.986	
			1 15			
7 42						
6 01	6 013	1061.999				
4 61			3 42			
			2 00	1 997	1060.002	
			0 57			
7 45						
6 01	6 010	1066.012				
4 57			3 43		949	
			2 06	2 063	1063 ~~944~~	
			0 20			

+	MEAN	H.I.	−	MEAN	ELEV
					1063.949
6.87					
5.56	5.560	1069.509			
4.25			3.15		
			1.74	1.740	1067.769
			0.33		
7.06					
5.71	5.710	1073.479			
4.36			3.55		
			2.30	2.303	1071.176
			1.06		
7.66					
6.42	6.420	1077.596			
5.18			4.30		
			3.01	3.010	1074.586
			1.72		
7.05					
5.78	5.780	1080.366			
4.51			2.50		
			1.39	1.390	1078.976
			0.28		

1071.195
PP# 108 SET P.K. NAIL IN ℄ OF ESTRELLA DRIVE APPROX. 20 FEET EAST OF ℄ OF 47TH AVE TO THE SOUTH & PAINTED IT PP# 108

+	MEAN	H.I.	−	MEAN	ELEV
					1078.974
8.23					
6.69	6.693	1085.669			
5.16					
			3.20		
			1.96	1.960	1083.709
			0.72		
8.39					
7.09	7.087	1080.796			
5.78					
			2.39		
			1.44	1.440	1089.356
			0.49		
8.80					
7.71	7.710	1097.066			
6.62					
			2.49		
			1.62	1.623	1095.443
			0.76		
11.47					
10.41	10.413	1105.856			
9.36					
			1.82		
			1.41	1.410	1104.~~438~~ 446
			1.00		

1104.469
PP# 107 SET P.K. NAIL IN PROJECTED
℄'S OF BOTH ESTRELLA DRIVE & 43 AVENUE
TO THE NORTH IN S.E. QUAD. OF INT.
& PAINTED PP# 107

+	MEAN	H.I.	−	MEAN	FLOW
					1104.446
5.60					
4.32	4.323	1108.769			
3.05			7.33		
			5.62	5.620	1103.149
			3.91		
7.07					
5.76	5.757	1108.906			
4.44			5.87		
			4.53	4.530	1104.376
			3.19		
8.97					
7.77	7.770	1112.146			
6.57			2.56		
			1.53	1.533	1110.613
			0.50		
12.96					
11.68	11.680	1122.293			
10.40			1.61		
			0.93	0.927	1121 ~~258~~ 366
			0.24		

PP# 107 SEC PG 10.

+	MEAN	HI	−	MEAN	FERR
					1121.365
11^{81}					
10^{84}	10^{843} ✓	1132.209			
9^{88}			1^{72}		
			1^{00}	1^{000} ✓	1131.209
			0^{28}		
12^{93}					
12^{14}	12^{140} ✓	1143.349			
11^{35}			5^{25}		
			4^{11}	4^{107} ✓	1139.242
			2^{96}		
5^{35}					
4^{14}	4^{143} ✓	1143.385			
2^{94}			5^{90}		
			4^{48}	4^{480} ✓	1138.905
			3^{06}		
5^{06}					
4^{51}	4^{507} ✓	1143.412			
3^{15}			6^{13}		
			4^{99}	4^{993} ✓	1138^{419}
			3^{87}		

+	Mean	H.I.	−	Mean	Ecev
					1138.419
5^{88}					
4^{62}	4^{623} /	1143.042			
3^{37}					
			5^{09}		
			3^{82}	3^{817} /	1139.225
			2^{54}		
5^{26}					
3^{88}	3^{877} /	1143.102			
2^{49}					
			3^{76}		
			2^{63}	2^{630} /	1140.472
			1^{50}		
5^{79}					
4^{60}	4^{597} /	1145.069			
3^{40}					
			5^{36}		
			4^{10}	4^{100} /	1140.969
			2^{74}		
4^{18}					
2^{98}	2^{980} /	1143.949			
1^{78}					
			3^{18}		
			1^{85}	1^{853} /	1142 ~~088~~ 096
			0^{53}		

+	MEAN	H.I.	—	MEAN	FEET
4^{36}					
3^{06}	3^{063}				
1^{77}					
			5^{38}		
			3^{72}	3^{920}	
			2^{46}		
7^{65}					
6^{40}	6^{400}				
5^{15}					
			6^{37}		
			5^{02}	5^{020}	
			3^{67}		
7^{01}					
5^{74}	5^{740}				
4^{47}					
			4^{23}		
			2^{83}	2^{827}	
			1^{42}		
6^{69}					
5^{47}	5^{470}				
4^{25}					
			7^{79}		
			6^{69}	6^{693}	1144^{301}
			5^{60}		

+	MEAN	H.I.	−	MEAN	ELEV 1144.309 ~~1142.096~~
6 48 5 22 3 95	5 217 /	1149.526	5 36 4 43 3 50	4 430 /	1145 096 ~~088~~
5 99 4 70 [illegible]	4 700 /	1149.796	6 16 5 02 3 89	5 023 /	1144.773
6 75 5 51 4 27	5 510 /	1150.283	4 47 3 16 1 85	3 160 /	1147.123
5 43 4 13 2 84	4 133 /	1151.256	6 17 4 98 3 78	4 777 /	1146 279 ~~271~~

1145.131
AP# 94 FWD PK NAIL IN PAINTED CROSS 7° SOUTH OF ℄ OF CARVER RD & 20° EAST ℄ 35TH AVE TO PARSOUTH & GRAVEL RD SOUTH

F	MEAN	H.I.	—	MEAN	ELEV	
					1146.279	
6.90						
5.62	5.620 /	1151.899				
4.34			6.14			
			4.92	4.917 /	1146.982	
			3.69			
6.48						
5.22	5.217 /	1152.199				
3.99			5.66			
			4.34	4.340 /	1147.859	
			3.02			
7.16						
5.93	5.933 /	1153.792				
4.71			6.79			
			5.47	5.467 /	1148.325	
			4.14			
6.04						
4.79	4.790 /	1153.115				PP #93 SOME WHERE
3.54			5.26			
			4.20	4.203 /	1148 ~~904~~ 912	1148.952
			3.15			CHISELED X ON TOP & N. END EAST HEAD WALL OVER CANAL @ INT OF CANAL RD & 20TH DRIVE
				3.61		
				6.03		& INT. GRAVEL

+	MEAN	HI	−	MEAN	ELEV
					1148.912
5^{77}					
4^{51}	4^{507}	1153.419			
3^{24}					
			5^{44}		
			4^{24}	4^{237}	1149.182
			3^{03}		
7^{69}					
6^{46}	6^{460}	1155.642			
5^{21}					
			7^{94}		
			6^{84}	6^{840}	1148.802
			5^{74}		
6^{90}					
5^{46}	5^{457}	1154.259			
4^{01}					
			6^{47}		
			5^{25}	5^{250}	1149.009
			4^{03}		
7^{94}					
6^{73}	6^{727}	1155.736			
5^{51}					
			6^{73}		
			5^{54}	5^{540}	1150 ~~158~~ 156
			4^{35}		

#	MEAN	H.I	—	MEAN	ELEV	
					1150.156	
7 05						
5 83	5 830	1156.026				
4 61			5 32			
			4 12	4 120	1151.856	
			3 02			
4 33						
3 88	3 880	1155.736				1151.244
3 43			5 13			FND PK NAIL IN E 27TH AVE OVER E CANAL
			4 54	4 537	1151 ~~191~~ 139	APPROX 50' NORTH E CARVER RD
			3 94			
8 85						
7 21	7 710	1158.909				
6 56			6 30			
			5 30	5 300	1153.609	
			4 30			
4 75						
3 54	3 537	1157.146				
2 32			5 27			
			4 09	4 090	1153 ~~048~~ 056	
			2 91			

	Mean	H.I.	—	Mean	Elev
					1153.056
6^{39}					
5^{46}	5^{463}	1158.519			
4^{54}					
			6^{60}		
			5^{70}	5^{700}	1152.819
			4^{80}		
6^{38}					
5^{07}	5^{073}	1157.892			
3^{77}					
			5^{52}		
			4^{33}	4^{330}	1153.562
			3^{14}		
5^{56}					
4^{42}	4^{423}	1157.985			
3^{29}					
			4^{98}		
			3^{50}	3^{503}	1154.482
			2^{10}		
8^{79}					
7^{85}	7^{853}	1162.235			
6^{92}					
			2^{14}		
			1^{39}	1^{390}	1160 ~~957~~ 948
			0^{64}		

#	MEAN	HI	—	MEAN	ELEV	
					1160.945	
14 36						
13 05	13 050	1173.995				1172.492
11 74			2 31			PP#91 END 40 P NAIL IN MIDDLE OF
			1 55	1 553	1172 442	WHITE PAPER CRASS APPROX 45' N & 15'
			0 80			WEST OF INT. OF 23RD AVENUE & SALEM
						AVENUE MARKED PP#91
2 10						PP#91 SAME AS ABOVE
1 34	1 340	1173.782				
0 58			10 61			
			9 72	9 723	1164.059	
			8 89			
1 76						
1 01	1 010	1165.069				
0 26			9 11			
			8 39	8 390	1156.679	
			7 67			
3 58						
2 91	2 910	1159.589				
2 24			6 40			
			5 52	5 517	1154 072 ~~064~~	
			4 63			

+	MEAN	H.E.	−	MEAN	ECHO.
					1154.072
6^{71}					
5^{43}	5^{430} /	1159.502			
4^{15}			5^{40}		
			4^{20}	4^{203} /	1155.299
			3^{01}		
6^{72}					
5^{47}	5^{467} /	1160.766			
4^{21}			3^{59}		
			2^{33}	2^{330} /	1158.436
			1^{07}		
8^{51}					
7^{31}	7^{310} /	1165.746			
6^{11}			6^{67}		
			5^{45}	5^{450} /	1160.296
			4^{23}		
3^{83}					
2^{55}	2^{533} /	1162.829			
1^{24}			7^{85}		
			6^{57}	6^{520} /	1156 $\frac{259}{\cancel{254}}$
			5^{29}		

+	MEAN	H.I.	−	MEAN	ELEV	
					1156.259	
5^{98}						
4^{72}	4^{723} ✓	1160.982				
3^{47}			5^{32}			
			4^{09}	4^{083} ✓	1156.895	
			2^{85}			
6^{89}						
5^{65}	5^{653} ✓	1162.548				
4^{42}			6^{67}			
			4^{94}	4^{937} ✓	1151.611	
			3^{20}			
2^{69}						
1^{42}	1^{423} ✓	1159.034				
0^{16}			786			
			6^{79}	6^{790} ✓	1152 ~~236~~ 244	PP74 FND CITY OF PHOENIX BRASS CAP FLUSH WITH AC. PVMT IN E DOBBINS ROAD APPROX 20' EAST OF INT OF DOBBINS ROAD & 19TH AVENUE.
			5^{72}			
						Low 0.057 1152.301

+	MEAN	HI	−	MEAN	ELEV
10^{55}					1267^{850}
9^{36}	9^{360}	1277.210			
8^{17}			1^{98}		
			1^{12}	1^{120}	1276.090
			0^{26}		
10^{62}					
9^{36}	9^{363}	1285.453			
8^{11}			2^{24}		
			1^{22}	1^{223}	1284.230
			0^{21}		
10^{63}					
9^{37}	9^{387}	1293.617			
8^{14}			2^{42}		
			1^{34}	1^{337}	1292.280
			0^{25}		
10^{78}					
9^{47}	9^{470}	1301.750			
8^{16}			3^{49}		
			2^{32}	2^{323}	1299^{427}
			1^{16}		

PP #71 FND RR. NAIL IN PAINTED CROSS
APPROX 35' WEST OF INT. OF BARRING RD
& CENTRAL AVENUE

	Mean	H.I.	—	Mean	Error
					1289.927
7.41					
5.95	5.953	1305.380			
4.50			2.05		
			1.15	1.150	1304.230
			0.25		
13.03					
11.86	11.857	1316.087			
10.68			1.80		
			1.17	1.170	1314.917
			0.54		
11.17					
9.85	9.850	1324.767			
8.53			2.53		
			1.59	1.590	1323.177
			0.65		
12.70					
12.00	12.000	1335.177			
11.30			4.28		
			3.85	3.850	1331.327
			2.72		

+	MEAN	HI	−	MEAN	ELEV	
					1331.327	
12.94						
11.82	11.820	1343.147				
10.70			1.20			
			0.77	0.770	1342.377	
			0.34			
11.02						
9.71	9.710	1352.087				
8.40			1.98			
			1.11	1.110	1350.977	
			0.24			
12.79						
11.50	11.500	1362.877				
10.21			2.22			
			1.29	1.290	1361.187	
			0.36			
11.27						
10.25	10.247	1371.434				
9.22			3.27			PP# 89 FND PK NAIL IN PAINTED CROSS
			2.68	2.683	1368.751	APPROX 38' N.W. OF N.W. CORNER OF 1ST PARKING
			2.10			SIGNION @ ENTRANCE TO SOUTH MOUNTAIN PARK &
						PAINTED PP#87

7	MEAN	HI	—	MEAN	FLEX
					1368.751
11^{23}					
9^{94}	9^{940} /	1378.691			
8^{65}			2^{65}		
			1^{49}	1^{473} /	1377.198
			0^{34}		
9^{06}					
7^{81}	7^{807} /	1385.005			
6^{55}			2^{05}		
			1^{18}	1^{177} /	1383.828
			0^{30}		
12^{46}					
11^{20}	11^{200} /	1395.028			
9^{94}			3^{69}		
			2^{52}	2^{520} /	1392.508
			1^{35}		
10^{21}					
8^{90}	8^{897} /	1401.405			
7^{58}			2^{20}		
			1^{25}	1^{253} /	1400 152 /
			0^{31}		

pp #89 SEE PG. 25

+	Mean	H.E.	−	Mean	Freq
					1400.152
10^{47}					
9^{24}	9^{240}	1409.392			
8^{01}					
			4^{25}		
			3^{02}	3^{020}	1406.372
			1^{79}		
11^{29}					
10^{10}	10^{100}	1416.472			
8^{91}					
			5^{78}		
			4^{71}	4^{710}	1411.762
			3^{64}		
7^{13}					
6^{10}	6^{100}	1417.862			
5^{07}					
			3^{52}		
			2^{01}	2^{013}	1415.849
			0^{51}		
13^{04}					
12^{23}	12^{230}	1428.079			
11^{42}					
			0^{90}		
			0^{54}	0^{540}	1427 ~~579~~ 539
			0^{18}		

+	MEAN	H.I.	−	MEAN	FIRST
					1427.539
12^{66}					
11^{61}	11^{610}	1439.149			
10^{56}			1^{91}		
			1^{07}	1^{070}	1438.079
			0^{23}		
11^{80}					
10^{53}	10^{530}	1448.609			
9^{26}			1^{77}		
			1^{03}	1^{033}	1447.576
			0^{30}		
12^{76}					
11^{55}	11^{547}	1459.123			
10^{33}			2^{32}		
			1^{26}	1^{263}	1457.860
			0^{21}		
11^{52}					
10^{21}	10^{210}	1468.070			
8^{90}			3^{35}		
			1^{83}	1^{827}	1466 ~~203~~ 243
			0^{30}		

#	MEAN	H.I.	—	MEAN	ELEV
					1466.248
13 28					
12 18	12 177	1478.420			
11 07			1 33		
			0 76	0 76	1477.660
			0 19		
12 55					
11 70	11 703	1489.363			
10 86			1 25		
			0 73	0 730	1488.633
			0 21		
12 74					
11 98	11 980	1500.613			
11 22			1 06		
			0 61	0 610	1500.003
			0 16		
10 55					
9 37	9 370	1509.372			
8 19			3 29		
			2 95	2 953	1506 ~~460~~ 420
			2 62		

PP# 104 FND PK NAIL IN PAINTED POST APPROX 1 MILE WEST OF PP# 89 W & PARL ROAD APPROX ½ MILE PAST MI. POST 12 & PAINTED PP# 104

f	MEAN	H.I.	—	MEAN	ELEV
					1506.420
12^{64}					
11^{73}	11^{730}	1518.150			
10^{82}			1^{17}		
			0^{70}	0^{700}	1517.450
			0^{23}		
13^{06}					
12^{09}	12^{087}	1529.537			
11^{11}			1^{15}		
			0^{79}	0^{787}	1528.750
			0^{42}		
12^{33}					
11^{57}	11^{570}	1541.320			
10^{81}			0^{97}		
			0^{58}	0^{580}	1539.740
			0^{19}		
12^{93}					
11^{86}	11^{857}	1551.597			
10^{78}			0^{82}		
			0^{47}	0^{470}	1551 ~~167~~ 124
			0^{13}		

PP#104 SEE PAGE 29

Y:	MEAN	H.I.	–	MEAN	ELEV
					1551.124
11^{06}					
10^{62}	10^{620} ✓	1561.744			
10^{18}			0^{77}		
			0^{44}	0^{440} ✓	1561.304
			0^{11}		
13^{47}					
12^{59}	12^{590} ✓	1573.894			
11^{71}			8^{62}		
			7^{06}	7^{063} ✓	1566.831
			5^{51}		
7^{76}					
6^{65}	6^{647} ✓	1573.478			
5^{53}			8^{62}		
			7^{25}	7^{253} ✓	1566.225
			5^{89}		
9^{98}					
8^{45}	8^{447} ✓	1574.672			
6^{91}			2^{96}		
			1^{57}	1^{573} ✓	$1573^{\cancel{142}\ 099}$
			0^{19}		

+	Mean	H.I.	−	Mean	Error
					1573.099
13^{32}					
11^{80}	11^{800}	1584.899			
10^{28}			1^{04}		
			0^{66}	0^{660}	1584.239
			0^{28}		
11^{88}					
11^{41}	11^{410}	1595.649			
10^{94}			0^{89}		
			0^{49}	0^{490}	1595.159
			0^{09}		
12^{89}					
12^{27}	12^{270}	1607.429			
11^{65}			0^{94}		
			0^{56}	0^{560}	1606.869
			0^{18}		
12^{89}					
12^{09}	12^{090}	1618.959			
11^{29}			1^{35}		
			0^{83}	0^{833}	1618 ~~169~~ 126
			0^{32}		

+	MEAN	H.I.	−	MEAN	ELEV.
					1618.126
10^{20}					
9^{28}	9^{277} ✓	1627.403			
8^{35}			3^{09}		
			1^{72}	1^{723} ✓	1625.680
			0^{36}		
3^{96}					
3^{05}	3^{047} ✓	1628.727			
2^{13}			11^{43}		
			10^{53}	10^{530} ✓	1618.197
			9^{63}		
4^{83}					
4^{34}	4^{340} ✓	1622.537			
3^{85}			7^{34}		
			6^{79}	6^{793} ✓	1615.744
			6^{25}		
1^{08}					
0^{61}	0^{610} ✓	1616.354			
0^{14}			7^{17}		
			5^{73}	5^{730} ✓	1610 ~~667~~ 624
			4^{29}		

PP#105 FND PK NAIL IN PAINTED CROSS IN ℄ PARK ROAD APPROX 70' WEST OF 2° MI. SIGN. & PAINTED PP#105.

+	Mean	H.I.	−	Mean	Elev
					1610.624
1^{80}					
1^{54}	1^{543} ✓	1612.167			
1^{29}			12^{37}		
			11^{37}	11^{370} ✓	1600.797
			10^{37}		
1^{32}					
0^{83}	0^{830} ✓	1601.627			
0^{34}			12^{86}		
			12^{06}	12^{060} ✓	1589.567
			11^{26}		
1^{99}					
1^{12}	1^{120} ✓	1590.687			
0^{25}			13^{30}		
			12^{65}	12^{650} ✓	1578.037
			12^{00}		
0^{88}					
0^{47}	0^{470} ✓	1578.507			
0^{06}			12^{74}		
			12^{14}	12^{140} ✓	1566 ~~440~~ 367
			11^{54}		

	MEAN	H.I.	—	MEAN	ELEV
					1566.367
1^{31} 0^{97} 0^{64}	0^{973} ✓	1567.340			
			12^{59} 11^{82} 11^{05}	11^{820} ✓	1555.520
3^{04} 1^{78} 0^{52}	1^{780} ✓	1557.300			
			12^{54} 11^{33} 10^{12}	11^{330} ✓	1545.970
1^{77} 1^{41} 1^{05}	1^{410} ✓	1547.380			
			12^{40} 11^{96} 11^{52}	11^{960} ✓	1535.420
4^{94} 2^{56} 0^{18}	2^{560} ✓	1537.980			
			13^{12} 12^{05} 10^{97}	12^{047} ✓	1525 933 ~~976~~

+	MEAN	HC	−	MEAN	HC
					1525.933
1.81					
1.16	1.160	1527.093			
0.51			12.43		
			11.51	11.510	1515.583
			10.59		
1.69					
1.00	1.000	1516.583			
0.31			11.94		
			10.95	10.953	1505.630
			9.97		
1.56					
0.85	0.850	1506.480			
0.14			12.82		
			11.73	11.727	1494.353
			10.63		
2.72					
1.86	1.860	1496.613			
1.00			12.35		
			11.46	11.460	1485.~~196~~ 153
			10.57		

+	MEAN	H.I.	−	MEAN	ELEV
					1485.153
1.92					
1.02	1.017	1486.170			
0.11			12.31		
			11.80	11.800	1474.370
			11.29		
0.91					
0.63	0.630	1475.000			
0.35			12.43		
			12.13	12.130	1462.870
			11.83		
2.62					
1.85	1.850	1464.720			
1.08			11.28		
			9.65	9.650	1455.070
			8.02		
9.31					
7.62	7.620	1462.690			
5.93			1.54		1461.430
			1.26	1.260	~~1460~~ 973
			0.93		

+	MEAN	HT	−	MEAN	FORD
9.74					1461.430
8.57	8.520	1470.100			
7.40			12.57		1458.340
			11.66	11.660	~~1451~~ 512
			10.75		
1.06	763				
0.76	0.~~260~~	1459.103			
0.47			13.09		1446.613
			12.49	12.490	~~1446~~ 123
			11.89		
0.94					
0.68	0.683	1447.296			
0.43			11.55		1436.136
			11.16	11.160	~~1435~~ 696
			10.77		
3.02					
2.84	2.840	1438.976			
2.66			9.42		1429.997
			8.98	8.980	~~1429~~ 556
			8.54		

Q 272 FND C&GS MONUMENT APPROX
0.85 MILES EAST OF P 272 APPROX 60' SO.
& SOUTH MOUNTAIN PARK ROAD & STAMPED
Q 272 ELEV 1429.531

HIGH 0.465 1429.531

+	MEAN	HI	−	MEAN	EL
3.95					1067.181
2.53	2.533	1069.714			
1.12			5.38	3.493	
			4.39	4.393	1065.321
			3.41		
7.55					
6.25	6.293	1071.574			
4.96			5.35		
			4.15	4.100	1067.474
			2.85		
7.28					
5.73	5.930	1073.404			
4.58			5.15		
			3.85	3.853	1069.551
			2.56		
8.09					
6.73	6.730	1067.281			
5.37			4.12		
			2.82	2.820	1073.461
			1.52		

PP#79 FND PK NAIL IN PAINTED CROSS
APPROX 283' E. OF INT. OF A GRAVEL ROAD
& DOBBINS ROAD PAINTED PP#79
SIDE SHOT ON CPS. @ INT OF GRAVEL ROAD &
DOBBINS ROAD

+	MEAN	H.I.	—	MEAN	ELEV
					1073.461
10^{08}					
8^{76}	8^{760} ✓	1082.221			
7^{44}			3^{50}		
			2^{49}	2^{490} ✓	1079^{731} ✓
			1^{48}		
5^{55}					
4^{24}	4^{240} ✓	1083.571			
2^{93}			5^{49}		
			4^{19}	4^{187} ✓	1079.784
			2^{88}		
4^{81}					
3^{53}	3^{530} ✓	1083.314			
2^{25}			10^{27}		
			9^{02}	$9.^{023}$ ✓	1074.291
			7^{78}		
4^{46}					
3^{20}	3^{200} ✓	1077.491			
1^{94}			9^{05}		
			7^{65}	7^{650} ✓	1069^{841} ✓
			6^{25}		

1079.698
PP#95 FND 20P NAIL IN MIDDLE OF PAPER CROSS APPROX 60' N.NW. OF THE INT OF TWO GRAVEL RDS (37TH AVE S

+	MEAN	H.I.	−	MEAN	FLOW
					1069.841
4^{43} 3^{18} 1^{94}	3^{183} ✓	1073.024			
			8^{48} 7^{15} 5^{82}	7^{150} ✓	1065.874
4^{92} 3^{40} 1^{89}	3^{400} ✓	1069.274			
			8^{72} 7^{17} 5^{67} M Punt	7^{193} ✓ 6^{51}	1062^{081} ✓
3^{19} 1^{97} 0^{76}	1^{973} ✓	1064.054			
			8^{14} 6^{81} 5^{48}	6^{810} ✓	1057.244
4^{52} 3^{23} 1^{94}	3^{230} ✓	1060.474			
			8^{04} 6^{73} 5^{43}	6^{733} ✓	1053^{741} ✓

PP#96. 1062.015
FND A STONE IN A H.H. @ INT. OF MN LAS WEST. CANAL & 43RD AVE N. & SOUTH 0^{68} BELOW AC. PUNT SURFACE

	MEAN	HI		MEAN	FEET
					1053.741
4^{52}					
3^{23}	3^{227} ✓	1056.968			
1^{93}			8^{44}		
			7^{02}	7^{023} ✓	1049.945
			5^{61}		
4^{95}					
3^{49}	3^{493} ✓	1053.438			
2^{04}			8^{09}		
			6^{85}	6^{850} ✓	1046.588
			5^{61}		
5^{32}					
3^{91}	3^{910} ✓	1050.498			
2^{50}			8^{79}		
			7^{49}	7^{490} ✓	1043^{008} ✓
			6^{19}		
4^{77}					
3^{46}	3^{463} ✓	1046.411			
2^{16}			8^{24}		
			6^{87}	6^{870} ✓	1039^{601} ✓
			5^{50}		

1042.910
PP# 97 FND PK NAIL IN PAINTED CROSS @ THE INTERSECTION OF ONLEY AVE PAVED TO WEST & GRAVEL TO EAST & 47TH AVE TO THE NORTH ONLY (PAVED)

7	MEAN	H.I.	–	MEAN	R.U.
					1039.601
4 28					
3 00	3 000 ✓	1042.601			
1 72					
			7 49		
			6 12	6 123 ✓	1036.478
			4 76		
5 53					
4 31	4 307 ✓	1040.785			
3 08					
			7 50		
			6 33	6 333 ✓	1034.455
			5 17		
5 63					
4 38	4 377 ✓	1038.832			
3 12					
			6 88		
			5 42	5 420 ✓	1033.412
			3 96		
6 62					
4 58	4 580 ✓	1037.992			
3 14					
			6 73		
			5 48	5 480 ✓	1032 ~~504~~ 512
			4 23		

+	MEAN	H.I.	-	MEAN	ELEV
					1032.512
7^{08}					
5^{44}	5^{440}	1037.952			
3^{80}			5^{94}		
			4^{36}	4^{360}	1033.592
			2^{78}		
5^{79}					
4^{35}	4^{353}	1037.945			
2^{92}			5^{02}		
			3^{74}	3^{740}	1034.205
			2^{46}		
5^{28}					
4^{17}	4^{170}	1038.375			
3^{06}			5^{12}		
			3^{61}	3^{610}	1034.765
			2^{10}		
6^{00}					
4^{63}	4^{633}	1039.398			
3^{27}			5^{43}		
			4^{18}	4^{177}	1035.221
			2^{92}		
6^{23}					
5^{06}	5^{060}	1040.281			
3^{89}			5^{40}		
			4^{49}	4^{490}	1035.791
			3^{58}		

PP# 82 END B.C. IN H.H. @ 51st AVE & DRAWING ROAD @ LAUREN SEE PAGE 3 THIS BOOK

High 0.164 1035.627

+	MEAN	H.I.	−	MEAN	ELEV	
					1295.909	P#272 FND CONCRETE MONUMENT WITH C.&G.S. BRASS CAP APPROX 4½ MILES FROM FAIRBANKS TO SOUTH MOUNTAIN PARK 39' SOUTH OF ℄ OF RD 0.3 ABOVE GROUND IN FACED WHITE CROSS. ELEV. = 1295.909
2.13 1.52 0.92	1.570	1297.479	10.55 9.46 8.32	9.460	1288.019	
2.53 1.85 1.17	1.850	1289.869	13.19 12.19 11.20	12.193	1277.676	
3.01 1.88 0.76	1.883	1279.559	12.89 11.62 10.45	11.620	1267.889	
3.49 2.24 1.98	2.737	1270.626	12.56 11.25 9.94	11.250	1259.376	

4	MEAN	HI	–	MEAN	TELE ✓
					1259.376
1 85 1 02 0 19	1 020 ✓	1260.396			
			11 04 10 08 9 12	10 ~~080~~ 080	1250.316
2 21 1 39 0 56	1 387 ✓	1251.703			
			11 29 10 30 9 31	10 300 ✓	1241.403
1 48 0 83 0 18	0 830 ✓	1242.233			
			10 46 9 40 8 34	9 400 ✓	1232.833
2 35 1 66 0 96	1 657 ✓	1234.490			
			11 78 10 72 9 66	10 720 ✓	1223 770 ✓

+	MEAN	H.T.	−	MEAN	F.T.
					1223.770
2^{37}					
1^{51}	1^{513}	1225.283			
0^{66}			10^{80}		
			9^{62}	9^{620}	1215.663
			8^{44}		
1^{74}					
0^{91}	0^{910}	1216.573			
0^{08}			11^{40}		
			10^{42}	10^{417}	1206.156
			9^{43}		
2^{37}					
1^{66}	1^{657}	1207.813			
0^{94}			11^{96}		
			10^{84}	10^{840}	1196.973
			9^{72}		
3^{77}					
3^{10}	3^{103}	1200.076			
2^{44}			10^{37}		
			9^{17}	9^{167}	1190^{909}
			7^{96}		

+	MEAN	HI	−	MEAN	[illegible]
					1190.909
1 56 0 79 0 01	0 787	1191.696			
			11 82 10 56 9 30	10 560	1181.136
2 58 1 60 0 62	1 600	1182.736			
			12 85 11 52 10 19	11 520	1171 216
4 31 3 39 2 47	3 390	1174.606			
			10 48 9 88 8 27	9 377	1165.229
2 92 2 05 1 18	2 050	1167.279			
			12 72 11 57 10 41	11 567	1155 712

1171.222
TP MAN ON STONE 40' WEST OF [illegible]
BESIDE N. BANK OF WASH & 15' EAST OF [illegible]
CACTUS STUMP

+	MEAN	H.I.	—	MEAN	ELEV	
					1155.712	
3^{53} 2^{37} 1^{21}	2^{370}	1158.082				
			11^{95} 10^{62} 9^{29}	10^{620}	1147.462	
3^{45} 2^{45} 1^{45}	2^{450}	1149.912				1140.850 Rock by Pack
			10^{00} 9^{07} 8^{14}	9^{070}	1140.842	
2^{68} 1^{61} 0^{54}	1^{610}	1142.452				
			9^{45} 8^{45} 7^{45}	8^{450}	1134.002	
2^{95} 1^{92} 0^{88}	1^{917}	1135.919				
			8^{97} 7^{78} 6^{59}	7^{780}	1128^{139}	

+	MEAN	H.I.	−	MEAN	[illegible]	
					1128.139	
7^{02}						
5^{75}	5^{753}	1133.892				
4^{49}			7^{86}			
			6^{37}	6^{373}	1127.519	
			4^{89}			
5^{26}						
4^{01}	4^{010}	1131.529				1125.721
2^{76}			6^{89}	3^{32}		BASE POWER LINE POLE @ YIN ROAD
			5^{82}	5^{817}	1125.712	
			4^{74}			
4^{75}						
3^{65}	3^{650}	1129.362				
2^{35}			7^{35}			
			6^{12}	6^{120}	1123.242	
			4^{89}			
6^{36}						
5^{01}	5^{010}	1128.252				1119.692
3^{66}			9^{77}	2^{97}		P.P. BASE @ BRICKHAUS
			8^{57}	8^{570}	1119^{682}	
			7^{37}			

+	Mean	H.I.	−	Mean	Ele.	
					1119.682	
4 84						
3 60	3 600	1123.282				1122.643
2 36			0 95			[illegible] Post
			0 65	0 650	1122.632	
			0 35			
3 61						
2 66	2 657	1125.289				
1 70			2 76			
			1 83	1 830	1123.459	
			0 90			
10 21						1129.223
8 85	8 853	1132.312				TP Rock Near Pole
7 50			3 47			
			3 10	3 100	1129.212	
			2 73			
2 91						
2 41	2 410	1131.622				
1 91			9 30			
			8 10	8 097	1123 525	
			6 89			

+	MEAN	H.I.	−	MEAN	FLEV
					1123.525
3 42					
2 57	2 573	1126.098			
1 73			10 49		
			9 26	9 263	1116.835
			8 04		
3 91					
2 84	2 840	1119.675			
1 72			11 43		
			10 20	10 ~~270~~ 267	1109.408
			9 11		
3 70					
2 50	2 500	1111.908			
1 30			9 72		
			8 53	8 527	1103.381
			7 33		
2 22					
1 19	1 190	1104.571			
0 16			11 32		
			10 04	10 037	1094 ~~531~~ 534
			8 75		

7	MEAN	H.I.	—	MEAN	FEED
					1094.534
4^{09}					
3^{08}	3^{080}	1097.614			
2^{07}					
			11^{45}		
			10^{23}	10^{233}	1087.381
			9^{02}		
4^{10}					
3^{06}	3^{063}	1090.449			
2^{03}					
			11^{73}		
			10^{53}	10^{527}	1079.917
			9^{32}		
3^{31}					
2^{24}	2^{240}	1082.157			
1^{17}					
			10^{02}		
			8^{82}	8^{820}	1073.237
			7^{82}		
2^{96}					
1^{59}	1^{593}	1074.830			
0^{23}					
			6^{95}		
			5^{74}	5^{740}	1069 ~~087~~ 080
			4^{53}		

#	MEAN	H.E.	—	MEAN	ELEV	
					1065.090	
5.13 4.07 3.00	4.067	1073.157				1067.073 PP# 115 FND PK NAIL IN PAINTED CROSS @ INT. OF 51ST AVE & A GRAVEL ROAD TO THE WEST & PAINTED PP# 115.
			7.30 6.10 4.90	6.100	1067.057	
4.50 3.21 1.93	3.213	1070.270				
			7.53 6.28 5.02	6.277	1063.993	
4.28 3.07 1.87	3.073	1067.066				
			8.75 7.39 6.03	7.390	1059.676	
3.83 2.74 1.65	2.740	1062.416				
			9.02 7.50 5.97	7.497	1054.919	

+	MEAN	HI	-	MEAN	FLEV
					1054.919
3^{83}					
2^{52}	2^{520}	1057.439			
1^{21}			8^{04}		
			6^{73}	6^{733}	1050.706
			5^{43}		
4^{96}					
3^{70}	3^{703}	1054.409			
2^{45}			6^{18}		
			4^{86}	4^{857}	1049.552
			3^{53}		
5^{48}					
4^{05}	4^{050}	1053.602			
2^{62}			5^{41}		
			4^{13}	4^{130}	1049.472
			2^{85}		
5^{53}					
4^{31}	4^{313}	1053.785			
3^{10}			5^{20}		
			3^{72}	3^{917}	1049 ~~815~~ 818
			2^{63}		

+	MEAN	H I	−	MEAN	ELEV
					1049.868
6^{06}					
4^{78}	4^{783}	1054.651			
3^{51}			5^{31}		
			3^{91}	3^{910}	1050.741
			2^{51}		
6^{31}					
5^{01}	5^{010}	1055.751			
3^{71}			5^{36}		
			3^{82}	3^{820}	1051.931
			2^{28}		
6^{50}					
5^{13}	5^{127}	1057.058			
3^{75}			5^{90}		
			4^{58}	4^{577}	1052 ~~478~~ 481
			3^{25}		

PP#109 B.C. IN H.H. @ INT. OF 51ST AVE & ESTRELLA DRIVE IN PAINTED CROSS & PAINTED PP#109

Low 0.020 1052.501

+	MEAN	HI	-	MEAN	[illegible]

+	MEAN	HI	-	MEAN	ELEV
4^{57}					1036^{336} ~~320~~
3^{38}	3^{380} ✓	1039.716			
2^{19}			7^{00}		
			5^{87}	5^{880}	1033.836
			4^{77}		
5^{35}					
3^{88}	3^{883} ✓	1037.719			
2^{42}			7^{08}		
			5^{71}	5^{707} ✓	1032.012
			4^{33}		
5^{89}					
4^{44}	4^{443} ✓	1036.455			
3^{00}			7^{32}		
			5^{97}	5^{973} ✓	1030.482
			4^{63}		
4^{75}					
3^{59}	3^{590} ✓	1031.072			
2^{43}			6^{80}		
			5^{46}	5^{463} ✓	1028^{609} ~~596~~
			4^{13}		

PP #98 FND B.C. IN H AND HOLE @ INT. OF 51ST AVE & ELLIOT RD SEE PAGE ~~5~~ 4 THIS BOOK UNAD. ELEV. 1036^{32A}

+	Mean	HI	−	Mean	El
					1028.609
4^{98}					
3^{70}	3^{703}	1032.312			
2^{43}			6^{55}		
			5^{14}	5^{140}	1027 ~~141~~ 172
			3^{73}		
			N.C. Punt	4^{53}	
5^{05}					
3^{70}	3^{697}	1030.869			
2^{34}			6^{49}		
			5^{24}	5^{243}	1025.626
			4^{00}		
5^{55}					
4^{21}	4^{210}	1029.836			
2^{87}			6^{92}		
			5^{51}	5^{513}	1024.323
			4^{11}		
5^{39}					
4^{18}	4^{180}	1028.503			
2^{97}			6^{65}		
			5^{25}	5^{253}	1023 ~~227~~ 250
			$3^{[illegible]}$		

1027.170
PP #99 FND B.C. IN H H. APPROX 30' EAST & 1° SOUTH OF INTERSECTION OF DRIVE INTO SACATE PELLET MILLS & ELLIOT ROAD
0^{61} BELOW A.C. PUNT SURFACE.

+	MEAN	HI	−	MEAN	FLOW
					1023.250
5^{52}					
4^{21}	4^{213} ✓	1027.463			
2^{91}			6^{42}		
			4^{98}	4^{980} ✓	1022.483
			3^{54}		
5^{71}					
4^{51}	4^{510} ✓	1026.893			
3^{11}			5^{56}		
			4^{56}	4^{560} ✓	1022.833
			3^{56}		
4^{67}					
3^{29}	3^{290} ✓	1025.673			
1^{81}			6^{96}		
			5^{45}	5^{447} ✓	1020.226
			3^{73}		
5^{51}					
4^{25}	4^{250} ✓	1024.476			
2^{99}			6^{66}		
			5^{07}	5^{067} ✓	1019 $\overset{409}{\cancel{+86}}$
			3^{47}		

+	Mean	HI	−	Mean	Elev
					1019.409
5^{56}					
4^{28}	4^{280} /	1023.689			
3^{00}			6^{74}		
			5^{41}	5^{413} /	1018.276
			4^{09}		
5^{95}					
4^{59}	4^{587} /	1022.863			
3^{22}			6^{85}		
			5^{67}	5^{673} /	1017.190
			4^{50}		
5^{21}					
4^{04}	4^{040} /	1021.230			
2^{87}			6^{15}		
			5^{16}	5^{160} /	1016 ~~[illegible]~~ 070
			4^{17}		
4^{79}					
3^{72}	3^{720} /	1019.790			
2^{65}			6^{38}		
			5^{37}	5^{367} /	1014 ~~[illegible]~~ 423
			4^{35}		

1016.065

PP#100 FND PK NAIL IN PAINTED CROSS
APPROX 334° WEST OF A HIGH VOLTAGE POWER
LINE CROSSING N & S & 5' N. OF ℄ OF ELLIPT RD
& PAINTED PP# 100

4	Mean HI		-	Mean Elev.	
					1014.423
4^{99}					
3^{81}	3^{507} ✓	1017.930			
2^{02}					
			6^{13}		
			4^{96}	4^{957} ✓	1012.973
			3^{78}		
4^{60}					
3^{08}	3^{077} ✓	1016.050			
1^{55}					
			6^{32}		
			5^{17}	5^{173} ✓	1010.877
			4^{03}		
5^{20}					
3^{65}	3^{650} ✓	1014.527			
2^{10}					
			6^{16}		
			4^{84}	4^{840} ✓	1009.687
			3^{52}		
4^{92}					
3^{62}	3^{617} ✓	1013.304			
2^{31}					
			6^{19}		
			4^{96}	4^{963} ✓	1008 ~~318~~ 341
			3^{74}		

1008.334
PP# 101 FND PK NAIL IN PAINTED CROSS APPROX
½ MI WEST PP# 100 IN ℄ OF FLUID T ROAD

+	MEAN	H.I	-	MEAN	[illegible]
					1008.341
6^{60}					
5^{37}	5^{370}	1013.711			
4^{14}			5^{37}		
			4^{05}	4^{050}	1009.661
			2^{73}		
6^{20}					
4^{87}	4^{870}	1014.531			
3^{54}			5^{28}		
			3^{73}	3^{730}	1010.801
			2^{18}		
6^{39}					
5^{25}	5^{250}	1016.051			
4^{11}			4^{91}		
			3^{38}	3^{380}	1012.671
			1^{85}		
6^{43}					
5^{25}	5^{253}	1017.924	5^{13}		
4^{08}			3^{64}	3^{637}	1014 ~~264~~ 287
			2^{14}		

PP # 101 SEE PAGE 62.

	MEAN	HT		MEAN	F...
					1014.287
6 52 5 50 4 48	5 500	1019.787			
			5 15 4 07 2 99	4 070	1015.717
6 51 5 51 4 51	5 510	1021.227			
			5 32 4 13 2 54	4 130	1017.097
6 94 5 76 4 58	5 760	1022.867			
			6 37 4 99 3 62	4 993	1017.864
7 15 5 83 4 50	5 827	1023.691			
			5 95 4 55 3 35	4 650	1019 041

+	MEAN	H.I	−	MEAN	[illegible]
					1017.041
1 02					
5 43	5 430	1024.471			
3 84			5 87		
			4 60	4 517	1019.874
			3 32		
7 30					
5 79	5 790	1025.664			
4 28			4 52		
			3 09	3 090	1022.574
			1 65		
5 43					
4 42	4 420	1026.994			
3 41			5 66		
			4 25	4 250	1022.744
			2 84		
6 17					
4 72	4 723	1027.467			
3 28			5 111		
			3 85	3 827	1023 ~~641~~ 646
			2 51		

+	Mean	H.I.	−	Mean	
					1023.640
6.25 4.86 3.47	4.860	1028.500			
			5.07 3.85 2.63	3.850	1024.650
6.60 5.19 3.78	5.190	1029.840			
			5.18 3.83 2.48	3.830	1026.010
6.13 4.87 3.62	4.873	1030.883			
			4.32 2.95 1.58	2.950	1027.933
5.79 4.38 2.98	4.383	1032.316			
			4.65 3.35 2.08	3.363	1028.553

7	MEAN	HI	-	MEAN	ELEV
					1028.953
6^{45}					
5^{12}	5^{120}	1034.073			
3^{28}			4^{43}		
			3^{25}	3^{253}	1030.820
			2^{08}		
6^{99}					
5^{64}	5^{640}	1036.460			
4^{29}			5^{24}		
			3^{83}	3^{830}	1032.630
			2^{37}		
6^{47}					
5^{10}	5^{097}	1037.727			
3^{72}			5^{01}		
			3^{53}	3^{530}	1034.197
			2^{05}		
6^{66}					
5^{53}	5^{533}	1039.730			
4^{41}			4^{57}		
			3^{38}	3^{380}	1036 ~~327~~ 350
			2^{19}		

PP # 98 SEE PAGE 58 THIS BOOK

High 0.014 1036.336

+	Mean	H I	–	Mean	Elev
3^{73}					$1052^{\cancel{478}\ 501}$
2^{42}	2^{417}	1054.918			
1^{10}			7^{94}		
			6^{43}	6^{433}	1048.485
			4^{93}		
4^{59}					
3^{58}	3^{583}	1052.068			
2^{58}			6^{82}		
			5^{79}	5^{790}	1046.278
			4^{76}		
4^{34}					
3^{00}	3^{003}	1049.281			
1^{57}			10^{17}		
			8^{85}	8^{853}	1040.428
			7^{54}		
4^{72}					
3^{25}	3^{247}	1043.675			
1^{77}			7^{91}		
			6^{40}	6^{403}	$1037^{\cancel{249}\ 272}$
			4^{90}		

PP# 109 FND B.C. IN H.H. @ INT OF 51ST AVE & ESTRELLA DRIVE. SEE PAGE 7 [illegible]
UNADJUSTED ELEV. 1052^{478}

	MEAN	HI	-	MEAN	ELEV
					1037.272
4^{08}					
2^{70}	2^{697} ✓	1039.969			
1^{31}			6^{65}		
			5^{31}	5^{310} ✓	1034 ~~630~~ 659
			3^{97}		
4^{25}					
2^{78}	2^{777} ✓	1037.436			
1^{30}			6^{66}		
			5^{55}	5^{550} ✓	1031.886
			4^{44}		
3^{15}					
1^{92}	1^{917} ✓	1033.803			
0^{68}			6^{82}		
			5^{51}	5^{513} ✓	1028.290
			4^{21}		
4^{01}					
2^{67}	2^{667} ✓	1030.957			
1^{32}			6^{44}		
			5^{13}	5^{130} ✓	1025 ~~804~~ 827
			3^{82}		

PP# 110 FND NAIL IN PAINTED CROSS @ [illegible] POWER LINE CROSSING APPROX ½ MI WEST OF INT. OF 51ST AVE. & ESTRELLA DRIVE 3° SOUTH OF ℄ OF ESTRELLA DRIVE.

40	MEAN	HI	–	MEAN	ELEV
					1025.827
4^{57}					
3^{40}	3^{400}	1029.227			
2^{23}			6^{21}		
			4^{89}	4^{887}	1024.340
			3^{56}		
4^{85}					
3^{57}	3^{570}	1027.910			
2^{29}			5^{92}		
			4^{37}	4^{373}	1023 ~~514~~ 537
			2^{83}		
6^{43}					
4^{88}	4^{883}	1028.420			
3^{34}			5^{40}		
			4^{13}	4^{130}	1024.290
			2^{86}		
6^{27}					
4^{74}	4^{937}	1029.227			
3^{60}			4^{56}		
			3^{39}	3^{387}	1025 ~~817~~ 840
			2^{21}		

1023.543

PP# 111 B.S. FLUSH IN PAINTED CROSS IN ℄ OF FOTAULA DRIVE APPROX ½ HI WEST OF PP# 110

4	Mean	HI	–	Mean	Ford
					1025.840
6.42 5.11 3.80	5.110	1030.950			
			4.00 2.68 1.28	2.640	1028.310
6.79 5.48 4.18	5.483	1033.793			
			3.15 1.90 0.66	1.903	1031.880
6.66 5.54 4.42	5.540	1037.430			
			3.24 2.46 0.98	2.460	1034.820
6.33 4.99 3.65	4.990	1039.960			
			4.74 3.26 1.93	3.260	1036 ~~.277~~ 600

+	MEAN	HT	−	MEAN	[illegible]
					1036.600
8 52 7 06 5 55	7 060	1043.660	4 97 3 51 2 03	3 510	1040.150
10 44 9 11 7 79	9 113	1049.263	4 78 3 64 2 31	3 [illegible]	1045.620
7 42 6 43 [illegible]	6 430	1052.050	4 87 3 87 2 86	3 [illegible]	1048.183
8 ~~[illegible]~~ 22 6 72 5 22	6 720	1054.903	3 72 2 42 1 13	2 413	1052 ~~[illegible]~~ 490

PP # 109 SEE PAGE 60 THIS BOOK.
UNAD. ELEV = 1052.478
LOW 0.011 1052.501

316 72

J. HANRATTY
J. FRANCIS

8-2-70
SUNNY
& HOT

LAVEEN

- BENCH LOOP BETWEEN -
Q272 - P272

+	MEAN	H.I.	−	MEAN	ELEV.	DESC.
11 01					1295.907	BENCH MARK: P272 (SEE LAST PG. THIS BOOK FOR DESC.) APPROX: 55' SOUTH OF 4"x4" METAL MARKER INDICATING "NATURAL TRAIL". MARKER IS APPROX. 15' NORTH OF ℄ SAN JUAN RD. ELEV. = ASSUME 100.00
9 75	9 753	1305.662				
8 50						
			1 94			8-2-90 HANRATY FRANCIS
			1 135	1 135	1304.527	T.P. #1
			0 33			
13 99						
12 45	12 453	1316.980				
10 92						
			2 165			
			1 32	1 318	1315.662	T.P. #2
			0 47			
16 08						
14 42	14 422	1330.084				
12 705						
			1 83			
			1 10	1 102	1328.982	T.P. #3
			0 315			
18 12						
16 52	16 523	1345.505				
14.93						
			1 85			
			1 11	1 107	1344.398	T.P. #4
			0 36			

+	MEAN	H.I.	−	MEAN	ELEV.	DESC
14.71					1344.398	
13.15	13.150	1357.548				
11.510						
			2.02			
			1.14	1.140	1356.408	T.P. #5
			0.28			
7.05						
6.065	6.068	1362.476				
5.09						
			2.02			
			1.16	1.160	1361.316	T.P. #6
			0.30			
18.53						
16.94	16.940	1378.256				
15.35						
			1.91			
			1.065	1.065	1377.191	T.P. #7
			0.22			
15.05						
13.39	13.390	1390.581				
11.73						
			1.405			
			0.87	0.892	1389.689	T.P. #8
			0.32			

+	MEAN	H.I.	−	MEAN	ELEV.	DESC.
16 83					1389.689	
15 21	15 210	1404.899				
13 59			2 31			
			1 32	1 318	1403.581	T.P. #9
			0 325			
19 68						
17 90	17 903	1421.484				
16 13			1 92			
			1 19	1 190	1420.294	T.P. #10
			0 46			
15 83						
14 425	14 425	1434.719				
13 02			5 99			
			5 325	5 325	1429.394	BENCH MARK: Q272 (SEE LAST PG. THIS BOOK FOR DESC.)
			4 67			
5 855						
5 20	5 202	1434.596				
4 55			14 77			
			13 51	13 510	1421.086	T.P. #12
			12 25			
2 09						
1 37	1 373	1422.459				
0 606			18 59			
			17 01	17 010	1405.449	T.P. #13
			15 43			

+	MEAN	HT.	—	MEAN	ELEV.	DESC.
2.19					1405.449	
1.29	1.287	1406.736				
0.38						
			13.43			
			12.12	12.120	1394.616	T.P. #14
			10.77			
1.74						
1.05	1.047	1395.663				
0.35						
			17.43			
			15.90	15.900	1379.763	T.P. #15
			14.37			
2.88						
1.92	1.970	1381.733				
1.06						
			15.55			
			14.09	14.090	1367.643	T.P. #16
			12.63			
1.84						
1.20	1.197	1368.840				
0.55						
			12.16			
			10.90	10.900	1357.940	T.P. #17
			9.64			

+	MEAN	H.I.	—	MEAN	ELEV.	DESC.
3 09					1357.940	
1 83	1 830	1359.770				
0 57			14 43			
			12 816	12 863	1346.907	T.P. #18
			11 30			
2 37						
1 75	1 750	1348.657				
1 13			14 81			
			13 41	13 413	1335.244	T.P. #19
			12 02			
1 59						
1 04	1 038	1336.282				
0 485			16 36			
			14 91	14 910	1321.372	T.P. #20
			13 46			
1 85						
1 05	1 047	1322.419				
0 24			13 25			
			12 19	12 190	1310.229	T.P. #21
			10 103			
3 00						
2 28	2 280	1312.509				
1 56			12 94			
			11 70	11 700	1300.809	T.P. #22
			10 46			

+	MEAN	H.I.	−	MEAN	ELEV	DESC.
5 02					1300.809	
4 39	4 390	1305.199				
3 76						
			9 96			
			9 35	9 350	1295.849	BENCH MARK: P272 (SEE LAST PG THIS BOOK FOR DESC)
			8 74			ELEV. = ASSUMED 100.00
						LOW 0.060

9d ~~Panel Point~~ Pk Nail @ Roughly 35th & Canal
1 Fictional

Note: NG pts - predominantly C/L Maint. Rd. on south ~~north~~ side of canal

2 C/L 35th Ave S. of W. Canal
3 C/L wash behind bridge across W. Canal
4 TP#2 W. of 35th Ave S. side of canal @ Curve
5 TP #3, 30'± W. of Pt. No. 225
6 TP#4 Intersection + SW of Mail boxes
7 TP#5 P.T. of W. Maint Rd.
8 TP#6 Intersection / End Western Canal.
9 TP#7 Intersection W & 3rd Ave.
10 TP1 E of 35th Ave. S. side of Canal
217 C/L 37th Ave
225 C/L Drive way
227 C/L Wash & W. Canal
228 East Edge D/W @ Canal C/L
231 C/L Wash
240 Inlet to X pipe
249 C/L D/W over Canal (Canal C/L also)
250 " " " " " " "
263 C/L D/W & Canal
11 TP along S. side of Canal
275 C/L 30th Dr. & Canal
12 Chisel X on E. Hdwall PP93 11 & 6.75

13 TP immediately E. of 30th DR; S. side canal
14 TP
15 TP ~~E. side of 27th Ave~~
~~X~~ 289 TP E. side of 27th Ave
17 TP
18 TP
19 TP
20 TP
21 TP
22 TP @ 19TH AVE.
23 Same as Point 13
24 Same as Point 12
25 PP 93
26 ERM @ 27th Ave. N. Hdwll
27 PP 76
303 C/L ~~DW~~ DW & Canal

Q 272 | 1¼ MI WEST OF SAN JUAN PICNIC PARK ROAD 69° N. BANK
LARGE WASH 66° IN S ℄ ROAD
@ A TURN OUT CONC MON. 2° FEET
WEST WITH WOODEN 1429 531

1295 909

P 272 | 5.8 MI SOUTH 3¼ S.W. ALONG
MAIN RD S OF P 2¼ WEST SAN JUAN
PICNIC PARK ROAD. 39° S. ℄ ROAD 3¼ E
WHITE WOOD WITNESS POST CONC MON ABOVE

PP#79 1067 181
PP#74 1152 801
PP#71 1267 950
PP#87

PHASE I 16½ DAYS FOR TWO MEN &
2 DAYS FOR ONE MAN OR
280 MAN HOURS.

PHASE II 6 DAYS FOR TWO MEN &
5 HOUR FOR ONE MAN OR
101 MAN HOURS

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Book 316-2

316

INDEX

40916-02-02 Laveen - Vertical Control 1-26

Property of _____

_____

Address _____

_____

Telephone _____

This Book is manufactured of a High Grade 50% Rag Ledger Paper having a Water Resistant Surface, and is sewed with Nylon Waterproof Thread.

24 Sept 90 LAVEEN
ERMS

KENNEDY
PLOCINSKI

Rod	+ MEAN		Rod	− MEAN	
5.83 4.65 3.36	4.6~~5~~ 47	1000.351		—	995.704
5.34 3.84 2.34	3.84	998.751	6.79 5.44 4.09	5.44	994.911
5.83 4.29 2.75	4.29	998.144	6.40 4.90 3.39	4.~~90~~ 897	993.854
5.90 4.07 2.24	4.01	997.564	6.22 4.65 3.08	4.65	993.494
6.75 4.13 1.50	4.~~13~~ 127	997.398	6.93 4.29 1.66	4.293	993.271

BM = BC IN HW @ PP 66, INTER BASELINE & 67TH AVE

993.274
ERM: SET ALUM DISC IN CONC @ S. END CONC IRR CANAL ON W. SIDE 0.5 mi ± S. of BASELINE & 175' ± W. of N. BOUND 67TH AVE.

	+	997.398		−		
Rod	MEAN		Rod	MEAN		
5.95			5.73			
4.45	4.45	997.951	3.90	3.~~90~~ 897	993.501	
2.95			2.06			
6.32			5.70			
4.82	4.82	998.671	4.10	4.10	993.851	
3.32			2.50			
6.72			5.27			
5.44	5.44	1000.351	3.76	3.76	994.911	
4.16			2.25			
			5.99			
	—		4.66	4.653	995.698	BM CK IN
			3.31			LOW 0.006 995.704

24 SEPT 90

		ERM					
	+			—			
Rod	MEAN		Rod	MEAN			
5.95							
5.76	5.~~76~~ 757	1110.226		—	1104.469	BM	
5.56							
5.72			5.68				
5.45	5.45	1110.263	5.41	5.413	1104.813	ERM	1104.811
5.18			5.15				
			5.98				
	—		5.79	5.790	1104.473		HIGH 0.004
			5.60				

BM = PK @ PP 107, INTER ESTRELLA & 43RD AVE

ERM = SET ALUM DISC IN CONC @ NW COR of INTE ESTRELLA & 43RD AVE, 33' ± N. of ESTRELLA & 33' ± W. of 43RD AVE.

28 SEPT 90
KENNEDY & PLOCINSKI

+ Rod	MEAN		— Rod	MEAN	ELEV
6.27					
4.68	4.68′	1149.811		———	1145.131
3.09					
6.67			5.30		
5.12	5.123	1151.034	3.90	3.90′	1145.911
[illegible]			2.50		
5.11			9.33		
3.46	3.46′	1146.677	2.82	~~2.82~~ .817	1143.217
1.81			6.30		
6.44			6.76		
6.21	6.21′	1147.410	5.48	~~5.48~~ 4.77	1141.206
5.98			4.19		
3.23			3.24		
3.06	3.06′	1147.400	3.07	3.07′	1144.340
2.89			2.90		
			6.42		
			6.19	6.193	1141.207
			[illegible]		

BM = PK @ PP 94, 25′± E. of CARVER & 35TH AVE (SOUTH BOUND)

E.R.M. IS SET ALUM. DISC IS CONC @ S.E. COR INTER 37TH & CARVER 60′± S. of CARVER & 30′± E. of 37TH AVE

+			−			
ROD	MEAN		ROD	MEAN	ELEV.	
7.05			5.38			
5.75	5.75	1146.957	3.74	3.74	1143.217	
4.45			2.10			
7.65			6.84			
8.06	8.067	1151.284	5.37	5.37	1145.514	
6.48			3.90			
5.45			6.25			
3.76	3.76	1149.874	4.74	4.743	1145.131	BM CK IN FLAT 0.00
2.47			3.24			

28 SEPT 90

+ Rod	+ MEAN		− Rod	− MEAN	ELEV
7.25					
7.70	7.70	1120.249		—	1112.549
6.15					
			2.63		
7.26	7.763	1126.595	1.42	1.~~42~~ 417	1118.832
6.81			0.20		
10.25			4.48		
8.88	8.88	1132.252	3.22	3.223	1123.372
7.51			1.97		
11.88			2.44		
10.58	10.~~58~~ 577	1141.512	1.32	1.~~32~~ 317	1130.935
9.22			0.19		
11.75			2.15		
10.63	10.63	1150.992	1.15	1.15	1140.362
9.51			.15		
9.07			3.09		
8.66	8.66	1157.342	2.31	2.31	1148.682
9.[illegible]			1.53		

BM: PK@ PP 76, 36'± E. of INTER Dobbins & 27TH AVE.

ROD	MEAN	ELEV.	ROD	MEAN	ELEV.
4.07			4.13		
3.74	3.74'	1157.302	3.78	3.78'	1153.562
3.37			3.43		
3.04			9.05		
2.25	2.25'	1150.932	8.62	8.62'	1148.682
1.46			8.19		
2.22			11.67		
1.20	1.20'	1141.555	10.58	10.~~58~~ 577	1140.355
0.18			9.46		
2.43			11.91		
1.27	1.273	1132.205	10.62	10.623	1130.932
0.12			9.34		
4.41			10.17		
3.13	3.133	1126.508	8.83	8.83'	1123.375
1.86			7.49		
2.69			8.79		
1.43	1.~~43~~ 427	1120.268	7.67	7.~~67~~ 667	1118.641
0.16			6.54		

1153.558

E.R.M. IS A SET BRASS CAP @ N. END HEADWALL @ INTER. 27TH AVE & CARVER ON W. side 27TH AVE., 0.5 mi ± S. of INTER. 27TH AVE & DOBBINS

ROD	MEAN	1120.268	ROD	MEAN	ELEV.				
			9.21						
			7.71	7.71 ✓	1112.558	BM CK IN			
			6.21				HIGH	0.009	1112.549

2 OCT 90
KENNELY & PLOONSKI

+ Rod	+ MEAN		− Rod	− MEAN	ELEV.	
8.15						
6.90	6.903	1030.883		—	1023.98	BM = ERM 31 - CHISELED "+" @ N.E. COR BRIDGE @ 51ST AVE & 500'± S. OF INTER 51ST AVE & BROADWAY
5.66						
6.71			3.88			NORTHERLY PANEL OF 4
6.14	6.~~14~~ 137	1033.870	3.15	3.150	1027.733	
5.36			2.42			
6.25 ~~5.44~~			5.28			2ND PANEL FROM NORTH SIDE OF BRIDGE
5.44	5.44	1034.~~423~~ 723	4.59	4.~~59~~ 587	1029.283	
4.63			3.89			
4.61			6.28			3RD PANEL FROM NORTH SIDE OF BRIDGE (℄ BRIDGE)
4.01	4.01	1033.~~053~~ 353	5.38	5.38	1029.~~643~~ 343	
3.41			4.48			
6.79			6.83			SOUTHERLY MOST PANEL ON BRIDGE (℄ BRIDGE)
6.09	6.09	1033.~~013~~ 313	6.13	6.13	102~~6.923~~ 7,223	
5.39			5.43			

+			—		
Rod	MEAN	1033.~~013~~ 313	Rod	MEAN	
6.69			4.57		
5.35	5.35	1039.~~393~~ 693	3.97	3.97	1029.~~043~~ 343
4.01			3.37		
4.04			8.14		
2.99	2.993	1030.~~633~~ 733	6.75	6.753	1027.~~640~~ 740
1.95			5.37		
			8.27		
			6.95	6.953	1023.~~630~~ 980
			5.64		

CHECK IN.

FLAT 1023.98

2 OCT. 90

LAUFEN

Level Run to PP 50

Rod	+ MEAN		Rod	− MEAN		
7.97						
6.47	6.47′	989.937		—	983.467	BM = 40d NAIL @ PP 49
4.97						
7.84			7.26			
6.08	6.083	990.003	6.02	6.017 ~~6.02~~	983.920	
4.33			4.77			
7.36			10.05			
7.57	7.577 ~~7.58~~	989.296	8.28	8.277 ~~8.28~~	981.726	
5.80			6.50			
4.36			8.05			
2.61	2.61′	985.606	6.30	6.30′	982.996	
0.86			4.55			
7.72			7.05			
4.02	4.62′	984.936	5.27	5.27′	980.316	
1.32			3.53			
8.65			5.63			
6.45	6.45′	986.106	5.28	5.28′	979.656	40d NAIL @ PP 50
4.25			4.93			

+			—		
Rod	MEAN	986.106	Rod	MEAN	
7.38			7.28		
5.81	5.~~81~~ 807	989.433	2.48	2.48	983.626
7.23			0.18		
10.10			7.23		
8.32	8.32	990.056	7.70	7.~~70~~ 697	981.236
6.54			6.16		
6.97			7.88		
5.66	5.~~66~~ 657	989.580	6.13	6.133	983.923
7.21			7.39		
			7.55		
			6.12	6.12	983.460
			7.69		

CHECK IN

Low 0.007 983.467

2 OCT. 90
KENNEDY
PLOCINSKI

T@ #316, BS PP4

316-331 (BC IN HW)
1.) 23·42·50 H.F. = 22.125
H.M. = 23.533

316-332 (HW END NOTAING, OLD PANEL PAINTED)
1.) 14·39·15 H.F. = 28.80
H.M. = 24.027

TO 208 , BS 071 , FS PTS.

HI @ 208 - 4.83

208-071

SF	11315.19 , .21 , .21
SM	3448.882 , .876 , .874
Z ∡'s	
1.)	97-16-52
2.)	262-43-48
HI	4.83
TH	4.79

208-071	0-06-46
208-105	284-50-25
Rev	
105	104-50-20
SF	11605.15 , .16 , .15
SM	3537.256 , .257 , .256
Z ∡	
1.)	95-22-18
2.)	264-38-24
TH	4.79

208-071	0-06-46
208-104	300-59-54
Rev	
104	120-59-44
SF	8458.88 , .88 , .87
SM	2578.268 , .270 , .267
Z ∡	
1.)	98-07-00
2.)	261-53-38
TH	4.79

208-071	
208-102	
Rev	
102	
SM	
SF	
Z ∡	
1.)	
2.)	
TH	

CAN'T

208-071 0-06-46
208-089 345-01-48
Rev
089 165-01-43
SM 8177.08 , .09 , .08
SF 2492.385 , .386 , .387
Z ∡
1.) 99-22-33
2.) 260-38-08
TH. 4.79

208-071 0-06-46
208-103 16-16-05
Rev
103 196-16-17
SF 2533.29 , .28 , .30
SM 772.155 , .159 , .158
Z ∡
1.) 101-51-54
2.) 258-08-48
TH 4.79

208 - RANDOM
ON LINE BETWEEN 208 & 71
208 - RANDOM = HF 5.27

TC RANDOM , BS 071
208 TO HI = 4.52

1.) 63-47-42
2.) 127-35-12
SF 5109.32 , .33 , .31
SM 1557.324 , .323 , .323
Z ∡
1.) 94-20-27
2.) 265-40-30
TH 8.27

AZ 84 , BS 330

84 - 100

1.) 100 - 42 - 00

2.) 201 - 24 - 08

SF 5875.07 , .08 , .07

SM 1790.732 , .729 , .730

Z ∡

1 90 - 05 - 30

2. 269 - 55 - 08

AZ 100 , BS 84

100 - 101

1.) 243 - 21 - 48

2.) 126 - 43 - 23

SF 2558.09 , .09 , .09

SM 779.710 , .708 , .711

Z ∡

1.) 90 - 11 - 18

2.) 269 - 49 - 12

Level Loops

PP 74 - PP 93 - PP 94 - PP 95 - PP 79

1/18/91

S. Nelson ⊠, ⊼

J. Francis ϕ

60° Sunny, Calm

sta.	+	HI	-	elev.		
PP 74				1152.30		C.O.P. BC
	10.335	1162.635				
TP 1			4.575	1158.06		
	4.19	1162.25				
TP 2			5.33	1156.92		
	4.82	1161.74				
TP 3			4.02	1157.72		
	7.415	1165.135				
TP 4			4.575	1160.56		
	2.45	1163.01				
TP 5			7.61	1155.40		WASTED LOOP!
	4.87	1160.27				NEW INSTRUCTIONS FROM OFFICE.
TP 6			6.265	1154.005		
	5.22	1159.225				
TP 7			4.91	1154.315		
	4.41	1158.725				
TP 8			5.26	1153.465		
	5.16	1158.625				
TP 9			6.065	1152.56		
	5.64	1158.20				
TP 10			5.945	1152.255		
	6.24	1158.495				
TP 11			4.49	1154.005		
	4.56	1158.565				
ERM # 10			4.92	1153.645	E.O.C. +0.087'	BC in Top Headwall W. side 27th Ave. @ 27th Ave. & canal

ERM #10 - PP 91

sta.	+	HI	-	elev.	
ERM #10				1152.56	B.C. on Top Headwall, w. side 27th Ave. ℄ canal
	7.115	1160.675			
TP 1			2.55	1158.125	
	5.795	1163.92			
TP2			5.62	1158.30	
	3.42	1161.72			
TP 3			7.04	1154.68	
	8.47	1163.15			
TP4			0.84	1162.31	
	8.66	1170.97			
TP5			1.07	1169.90	
	8.05	1177.95			
PP 91			5.52	1172.43	40 D Nail
	3.52	1175.95			
TP6			10.35	1165.60	
	2.06	1167.66			
TP7			10.17	1157.49	
	2.41	1159.90			
TP 8			3.54	1156.36	
	7.32	1163.68			
TP9			4.42	1159.26	
	4.195	1163.455			
TP10			5.77	1157.685	

sta.	+	HI	-	elev.	
				1157.685	
	1.38	1159.065			
ERM # 10			5.51	1153.555	E.O.C. -0.005'

ERM #10 - PP93 - PP94 - ERM #9

sta.	+	HI	-	elev.	
ERM #10				1153.56	BC on Top Headwall, w. side 27th Ave. @ canal
	3.61	1157.17			
TP1			6.63	1150.54	
	5.145	1155.685			
TP2			4.92	1150.765	
	4.275	1155.04			
TP3			5.01	1150.03	
	5.42	1155.45			
TP4			5.43	1150.02	
	3.60	1153.62			
PP93			2.77	1150.85	40D Nail
	2.76	1153.61			
TP6			5.335	1148.275	
	5.90	1154.175			
TP7			5.99	1148.185	
	4.35	1152.535			
TP8			5.23	1147.305	
	4.18	1151.485			
TP7			3.50	1147.985	
	5.61	1153.595			
TP10			6.18	1147.415	
	4.10	1151.515			
TP11			5.73	1145.785	

sta.	+	HI	-	elev.		
				1145.785		
	5.04	1150.825				
TP 12			5.76	1145.065		
	5.685	1150.75				
PP 94			3.70	1147.05		G.L.O. BC
	2.75	1149.80				
TP 13			4.24	1145.56		
	5.215	1150.775				
TP 14			7.74	1143.035		
	4.875	1147.91				
TP 15			6.27	1141.64		
	6.24	1147.88				
ERM #9			3.535	1144.345	E.O.G. +0.015'	BC in conc. @ SE cor. 37th Ave. & Carver Rd.

PP94 - PP95 - 1179

sta.	+	HI	-	elev.
PP94				1147.05
	1.06	1148.11		
TP1			12.60	1135.51
	2.13	1137.64		
TP2			9.74	1127.90
	9.05	1136.95		
TP3			2.94	1134.01
	18.44	1152.45		
TP4			19.67	1132.78
	0.285	1133.065		
TP5			14.09	1118.975
	0.87	1119.845		
TP6			10.19	1109.655
	1.81	1111.465		
TP7			8.98	1102.485
	2.33	1104.815		
TP8			7.51	1097.305
	2.79	1100.095		
TP9			8.61	1091.485
	2.725	1094.21		
TP10			7.43	1086.78
	2.68	1089.46		
TP11			6.205	1083.255

G.L.O. BC

sta.	+	HI	-	elev.		
				1083.255		
	4.81	1088.065				
TP12			5.01	1083.055		
	4.95	1088.005				
TP13			6.05	1081.955		
	4.59	1086.545				
TP14			5.47	1081.075		
	5.56	1086.635				
PP95			5.75	1080.885		40D Nail
	1.84	1082.725				
TP15			9.11	1073.615		
	2.935	1076.55				
TP16			6.14	1070.41		
	4.83	1075.24				
TP17			6.475	1068.765		
	4.64	1073.405				
TP18			6.54	1066.865		
	4.98	1071.845				
PP79			3.48	1068.365	E.o.c. + 1.184	PK Nail
				BOOM!		

1/21/91

S. Nelson ⊡, ⊼

J. Francis ϕ

50° Partly Cloudy, Calm

PP95 - PP94

sta.	+	HI	-	elev.
PP95				1080.885
	5.22	1086.105		
TP1			5.08	1081.025
	5.115	1086.14		
TP2			3.745	1082.395
	5.09	1087.485		
TP3			4.71	1082.775
	5.71	1088.485		
TP4			4.57	1083.715
	7.02	1090.935		
TP5			2.83	1088.105
	7.29	1095.375		
TP6			3.165	1092.23
	8.485	1100.715		
TP7			3.34	1097.375
	7.235	1104.61		
TP8			2.175	1102.415

40D Nail (elev. from previous loop PP94 - PP79)

sta.	+	HI	-	elev.		
				1102.415		
	9.35	1111.765				
TP9			1.14	1110.[illegible]		
	15.34	1125.765				
TP10			0.53	1125.435		
	17.755	1143.17				
TP11			1.01	1142.13		
	8.81	1150.97				
TP12			17.04	1133.[illegible]		
	4.45	1138.40				
TP13			9.785	1128.[illegible]		
	10.40	1139.015				
TP14			1.19	1137.8[illegible]		
	11.29	1149.[illegible]				
PP94			1.035	1143.08	E.C. +1.03	GLO BC

Busted 1.00' going over from PP 94 - PP95 so appears PP 95 & PP 79 are correct. All panels work between one another in area of discrepancy.