Attachment A

Quadrant Two Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
201	16.10	646	1069.80	1053.70	W,N
				1056.66	S
202	12.92	299	1070.15	1057.23	S,N
203	6.17	410	1069.20	1063.03	N,S
204	5.68	404	1070.00	1064.32	N,S
205	12.61	327	1070.40	1057.79	S,N
				1060.56	E
206	8.00	17	1069.55	1061.55	E,N,S
207	8.22	256	1069.60	1061.38	N,W
208	6.52	314	1069.30	1062.78	E,W,N
209	6.83	291	1072.80	1065.97	S
210	7.15	339	1071.15	1064.00	N,S,E
212	7.76	301	1070.50	1062.74	N,S
213	11.39	443	1070.00	1058.61	SE,N

Quadrant Two Cleanouts

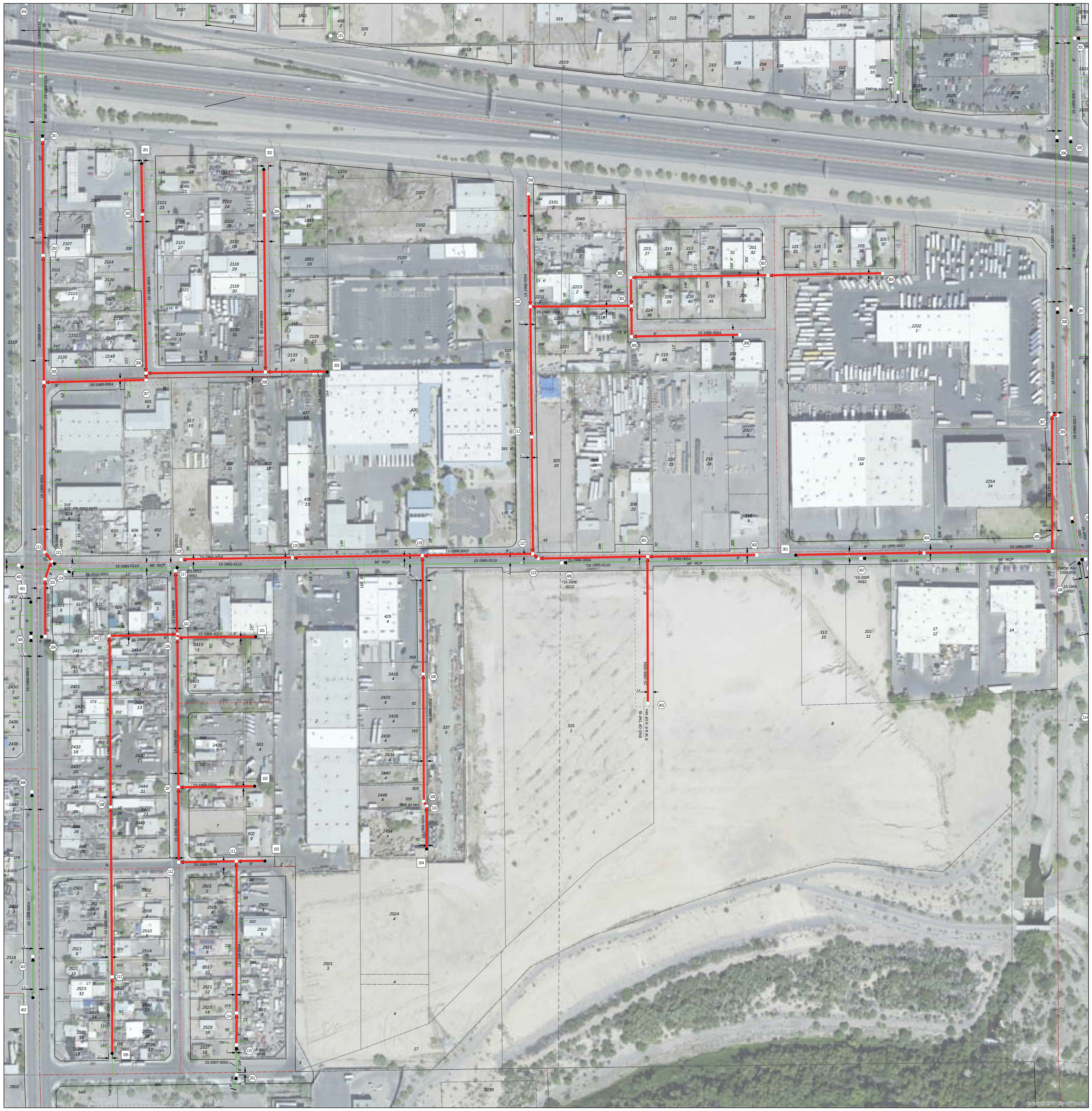
#	Depth	Stat	Rim El.	Invert El.
201	6.01	131	1069.50	1063.49
202	6.10	118	1070.85	1064.75
203	5.76	165	1069.20	1063.44

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
101	10.10	48	1069.75	1059.65	S,N
102	10.01	163	1070.00	1059.99	W,S,N
103	9.39	174	1069.80	1060.41	E,S
104	9.32	148	1069.85	1060.53	N,W
105	9.99	7	1070.00	1060.01	S,N
				1063.96	E
106	8.33	305	1072.05	1063.72	S,N
107	9.03	387	1070.05	1061.02	S,N
				1063.96	E
108	8.45	441	1070.00	1061.55	S,N
109	6.99	329	1072.00	1065.01	SE,N
110	6.96	12	1072.00	1065.04	S,NW
111	9.33	146	1071.25	1061.92	W,S
				1064.91	E
112	9.02	194	1070.55	1061.53	E,N
113	4.62	439	1067.45	1062.83	S,N
114	6.28	391	1068.60	1062.32	S,N
115	5.26	83	1067.86	1062.60	N,S
116	10.56	45	1068.61	1058.05	E,NW
117	11.09	284	1069.76	1058.67	W,NE
				1058.78	S
118	11.44	33	1070.17	1058.73	SW,E
119	11.10	336	1072.05	1060.95	E,W
				1062.72	S
120	11.05	297	1071.20	1060.15	E,W
121	10.78	28	1068.83	1058.05	SE
				1058.66	NW
				1058.89	S
122	11.68	279	1073.30	1061.62	N,SE,W
123	11.60	22	1073.35	1061.75	E,NW

Quadrant One Cleanouts

#	Depth	Stat	Rim El.	Invert El.
101	6.00	202	1070.80	1064.80
102	5.99	197	1070.75	1064.76
103	6.34	74	1071.55	1065.21
104	5.95	111	1071.40	1065.45
105	4.83	197	1068.35	1063.52



To Be Rehabilitated

Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	6.64	267	1071.70	1065.06	N,S,W
302	6.61	75	1072.05	1065.44	S,E
303	5.75	354	1072.55	1066.80	E,W
304	6.25	296	1074.25	1068.00	W
305	6.25	84	1071.75	1065.50	N,E
306	5.73	279	1072.85	1067.12	W
307	6.81	15	1075.19	1068.38	S,E
308	3.37	331	1072.20	1068.83	N

Quadrant Three Cleanouts

#	Depth	Stat	Rim El.	Invert El.
301	4.58	331	1073.95	1069.37

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
401	9.76	282	1073.80	1064.04	E,W,S
402	7.44	379	1073.10	1065.66	N
403	7.96	282	1074.80	1066.84	W
404	6.29	331	1075.33	1069.04	W,E
405	7.95	353	1076.66	1068.71	W,N
406	27.97	1402	1073.85	1045.88	W,E
407	26.62	772	1073.89	1047.27	E,W

GENERAL — **SEWER INFRASTRUCTURE** — **RECLAIMED INFRASTRUCTURE**

* Reflects Rehabbed

*All sewer main material is VCP (Vitrified Clay Pipe) unless otherwise noted.
*All sewer taps are 4" in diameter unless otherwise noted.

PLEASE NOTE:
The information provided on this map is based on RECORD DRAWINGS submitted by others. Users of this information are cautioned that independent verification of actual conditions may be necessary.

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION
EXEMPT FROM PUBLIC DISCLOSURE

8-26	8-27	8-28
7-26	7-27	7-28
6-26	6-27	6-28

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

SW 1/4 SEC.17, T.1N, R.3E
SCALE: 1" = 100'

Plotted On: 11/20/2017
Revised By: JDEAN

SEWER
7-27

N S E W

City of Phoenix

Quadrant Two Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
201	12.79	798	1084.30	1071.51	W,E
202	25.35	636	1079.50	1054.15	W,E
				1053.84	S
203	23.67	800	1079.10	1055.43	W,E
204	19.95	16	1081.10	1062.15	N
				1061.28	E
205	19.20	69	1080.90	1061.70	S,W
206	17.32	213	1079.30	1061.98	SE,N
				1060.68	W
207	7.94	350	1078.90	1070.96	E
208	17.09	62	1079.30	1062.21	S,NW

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
101	16.49	198	1078.50	1062.41	SE,N
102	15.74	82	1078.30	1062.56	E,NW
103	13.97	402	1077.20	1063.23	E,W
104	7.56	328	1076.10	1066.54	W,E
105	8.02	328	1075.70	1067.68	W,E
106	7.06	53	1075.80	1068.74	W,E
107	5.70	192	1075.10	1069.40	E
108	6.85	400	1077.00	1070.15	S,N
109	7.15	265	1075.50	1068.35	W,E
				1068.53	N

Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	6.44	10	1085.50	1078.95	E,N
				1079.95	W
302	12.63	800	1085.10	1072.47	E,W
				1076.59	S
303	6.82	377	1086.42	1080.40	W
304	5.80	693	1079.10	1073.30	E,W
				1073.30	N
305	8.88	139	1082.35	1073.47	E,W
307	16.40	173	1086.47	1075.98	N,S
				1079.07	W
308	5.40	307	1085.60	1080.20	E
309	10.29	137	1086.40	1076.11	S,N
310	8.17	364	1084.83	1076.66	S,N
311	5.18	197	1084.53	1079.35	E,S
312	4.60	252	1084.70	1080.10	W
313	7.65	150	1084.27	1076.62	S,N
				1076.51	W
				1078.33	E
314	5.09	347	1083.85	1077.96	W,E
315	4.44	269	1083.20	1078.76	N,E
316	26.72	598	1084.20	1057.48	E,W
317	7.57	190	1084.65	1077.08	E,S,N
318	7.17	146	1084.50	1077.33	S,N,W
319	5.17	299	1083.30	1078.13	E
120	25.48	694	1082.00	1056.52	W,E

Quadrant Three Cleanouts

#	Depth	Stat	Rim El.	Invert El.
302	5.21	118	1085.60	1080.39

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
401	3.98	327	1081.90	1078.00	W,N
402	12.43	387	1076.20	1063.77	W,S
403	11.93	376	1076.60	1064.67	S,N
404	7.46	313	1072.50	1065.04	N
				1065.28	E
				1065.47	W
405	7.98	383	1074.00	1066.02	W,E
406	8.58	258	1075.30	1066.80	W
				1066.98	E
407	8.74	222	1076.40	1067.66	E,W
408	9.72	223	1078.21	1068.49	SE
				1068.61	W

Quadrant Four Cleanouts

#	Depth	Stat	Rim El.	Invert El.
401	1.64	281	1080.30	1078.66

To Be Rehabilitated

GENERAL	SEWER INFRASTRUCTURE	RECLAIMED INFRASTRUCTURE
Alley ROW Centerline Easement ROW GLO Lot Lot Line / Tract Line Lot Split Private ROW Public ROW Railroad Centerline Railroad ROW Section Line Monument Line Easements Phoenix City Limits WSO Q3/Quad Grid	Sewer Detail Areas Wastewater Plant Diversion Point Junction Chamber Pump Station Sam Manhole Storage Basin Treatment Plant Unassigned Sewer Mains Abandoned Abandoned Replaced Abandoned Parcel Main Private Main Standard Main Auto Flushes As-Built As-Built Without Locate Application Tap Application Tap Without Locate Field Revision Field Revision Without Locate As-Built Tics Fitting Tics Locate Line Main Offset Reclaimed Treatment Plant Wastewater Treatment Plant Cleanout Manhole Sewer Valve Reflects Rehabilited As Built Tic Cap Reducer Split Manhole Discharge Structure Drop Manhole Standard Manhole Sewer Cleanout Sewer Lift Station Force/Air Valve Force/Main Valve Sewer Meter Station	Reclaimed Detail Areas Reclaimed Plant Private Main Sidecutter Standard Main Tap Sleeve Reclaimed Citizens Line Reclaimed Dipped Main Application Tap As-Built Tap Reclaimed Fitting Tic Standard Vlv - Closed Standard Vlv - Open Blow-Off Vlv - Closed Blow-Off Vlv - Open As-Built Tic Reducer Customer Meter Landscape Meter System Meter Booster Station Reclaimed Flow Meter Reclaimed Manhole Reclaimed PRV's Reclaimed in Symbol Unassigned Sewer Mains

*GIS sewer mains rendered in VCP (Vitrified Clay Pipe) unless otherwise noted.
*All sewer laps are 4" in diameter unless otherwise noted.

PLEASE NOTE:
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PROTECTED CRITICAL INFRASTRUCTURE INFORMATION "EXEMPT FROM PUBLIC DISCLOSURE"

6-22	6-23	6-24
7-21	7-20	7-19
8-28	8-29	8-30

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

SW 1/4 SEC.16, T.1N, R.3E
SCALE: 1" = 100'

Plotted On: 6/20/2017

Revised By: JDEAN

SEWER

7-29

City of Phoenix

Quadrant Two Manholes

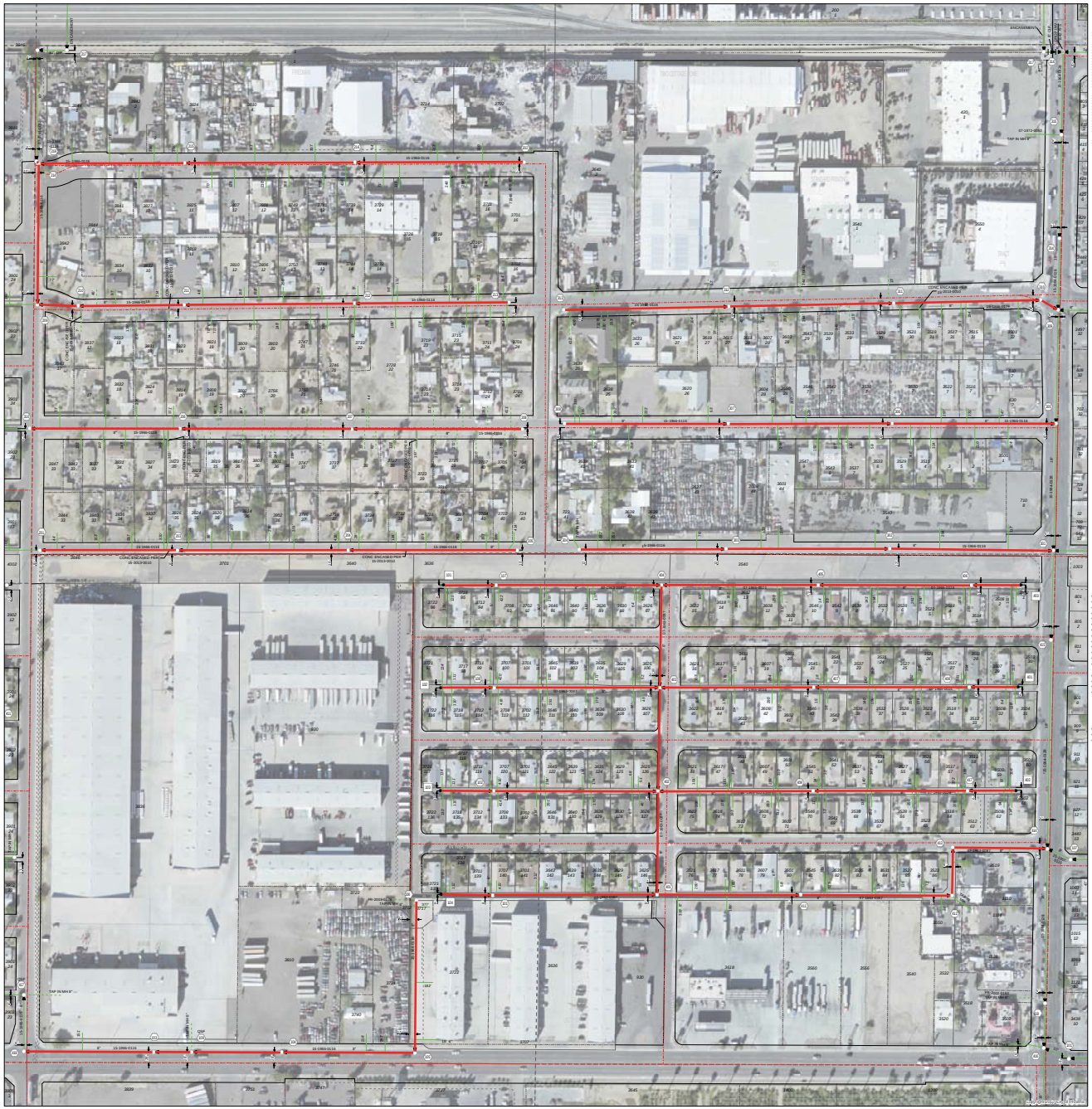
#	Depth	Stat	Rim El.	Inv. El.	Heading
201	8.11	448	1054.85	1042.54	E,W
202	5.84	437	1054.70	1048.86	W
203	7.96	355	1051.88	1043.84	W,E
204	6.72	441	1052.15	1045.43	E,W
205	5.79	437	1052.88	1047.08	W
206	8.22	388	1051.75	1043.53	W,E
207	6.98	444	1051.85	1044.95	E,W
208	4.85	441	1051.28	1046.35	W
209	9.71	413	1053.00	1043.29	N,E,W
210	9.09	105	1052.75	1043.66	W,E
211	8.16	274	1052.80	1044.64	E,W
212	6.97	440	1053.28	1046.23	E,W
213	6.03	399	1053.78	1047.67	W
214	7.34	367	1052.00	1044.66	S,E,NW
215	7.31	377	1053.35	1046.04	E,W
216	6.15	440	1053.60	1047.45	W,E
217	8.39	88	1054.10	1045.71	N,W
218	9.18	287	1054.60	1045.42	S,E
219	8.50	6	1053.20	1044.70	N,SE

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
101	5.82	424	1050.45	1044.63	W,E
102	5.49	424	1050.60	1045.11	W,E
103	8.87	331	1048.75	1039.88	E,W
104	8.51	233	1049.58	1041.07	E,W
105	7.63	345	1049.95	1042.32	N,W
106	5.91	395	1049.85	1043.94	S
107	5.55	427	1051.50	1045.95	W,E
108	5.51	428	1051.25	1045.74	E,W
109	8.77	98	1049.00	1040.23	E,W

Quadrant One Cleanouts

#	Depth	Stat	Rim El.	Invert El.
101	4.99	135	1051.35	1046.36
102	4.98	138	1051.25	1046.35
103	4.93	138	1050.70	1045.77
104	4.98	133	1050.40	1045.42



Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	14.53	240	1054.40	1039.87	S,W,N
				1040.30	E
302	9.59	423	1053.40	1043.81	W,E
303	8.45	422	1053.95	1045.50	E,W
304	6.34	378	1053.35	1047.01	E
305	14.37	320	1051.85	1040.68	N,S,W
306	9.92	423	1053.90	1043.98	W,E
307	7.75	422	1053.25	1045.50	W,E
308	5.87	423	1052.90	1047.03	E
309	14.56	296	1056.00	1041.44	N,S,E
				1042.02	NW
310	13.26	49	1055.90	1042.64	W,SE
311	9.35	380	1054.60	1045.25	W,E
312	7.42	426	1054.20	1046.78	W,E
313	5.49	427	1053.80	1048.31	E
314	14.81	185	1056.55	1041.74	N,S
315	15.64	268	1058.00	1042.36	S,N
316	18.81	212	1061.60	1042.79	S,E
				1045.71	W
317	11.10	50	1060.90	1049.80	N,E

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
401	7.98	377	1050.55	1042.57	W,E,N
402	7.87	267	1051.10	1043.23	W,E,N,S
403	7.70	266	1051.60	1043.90	N,S,E,W
404	7.43	266	1052.00	1044.57	S,E,W
405	6.44	402	1052.57	1046.13	E,W
406	5.91	397	1053.40	1047.49	E,W
407	6.20	398	1051.58	1045.38	E,W
408	5.95	402	1052.61	1046.66	E,W
409	6.33	401	1051.60	1045.27	W,E
411	9.57	391	1051.20	1041.63	W,E
412	11.69	121	1052.35	1040.66	W,N
413	11.94	242	1052.30	1040.36	S,E
414	15.67	401	1053.60	1037.93	N,S
				1038.76	W,SE
415	14.67	548	1053.95	1039.28	S,N
416	15.77	336	1052.45	1036.68	N,SE,S
417	4.89	399	1052.00	1047.11	W,E
418	16.00	114	1052.73	1036.73	N,S

Quadrant Four Cleanouts

#	Depth	Stat	Rim El.	Invert El.
401	6.07	126	1053.13	1047.06
402	5.52	125	1053.20	1047.68
403	5.78	127	1053.70	1047.92

To Be Rehabilitated

GENERAL	SEWER INFRASTRUCTURE	RECLAIMED INFRASTRUCTURE
Alley ROW; Centerline; Easement; Private ROW; ELO Lot; Lot Line / Tract Line; Lot Split; Private ROW; Public ROW; Railroad Centerline; Railroad ROW; Section Line; Monument Line; Basements; Phoenix City Limits; WSD QSQuad Grid	Sewer Detail Areas; Sewer Service Area; Wastewater Plant; Junction Chamber; Pump Station; Sewer Manhole; Storage Basin; Treatment Plant; Unassigned Sewer Mains; Abandoned Sewer; Recaptured Encasement; Parcel Main; Private Main; Standard Main; Auto Flushing; As-Built; As-Built Without Locate; Application Tap; Application Tap Without Locate; Field Revision; Field Revision Without Locate; As-Built Tics; Filling Tics; Locate Line; Main Offset; Reclaimed Treatment Plant; Wastewater Treatment Plant; Cleanout; Manhole; Sewer Valve; As Built Tic; Cap; Reducer; Split Manhole; Discharge Structure; Drop Manhole; Standard Manhole; Sewer Cleanout; Sewer Lift Station; Force/Air Valve; Force Main Valve; Sewer Meter Station; Reflects Rehabilited	Reclaimed Detail Areas; Reclaimed Private Main; Sidecutter; Standard Main; Tap Sleeve; Reclaimed Chlorine Line; Reclaimed Dipped Main; Application Tap; As-Built Tap; Reclaimed Filling Tic; Standard Vlv - Closed; Standard Vlv - Open; Blow-Off Vlv - Closed; Blow-Off Vlv - Open; As-Built Tic; Reducer; Customer Meter; Landscape Meter; System Meter; Booster Station; Reclaimed Flow Meter; Reclaimed Manhole; Reclaimed PRV's; Reclaimed # Symbol; Unassigned Sewer Mains

*All sewer mains rendered in VCP (Vitrified Clay Pipe) unless otherwise noted.
*All sewer laps are 4" in diameter unless otherwise noted.

PLEASE NOTE:
The information provided on this map is based on the STRIP DRAWINGS and/or AS-BUILT PLANS. Users of this information are cautioned that independent verification of actual conditions may be necessary.

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION "EXEMPT FROM PUBLIC DISCLOSURE"

10-20	10-20	10-21
9-19	9-20	9-21
8-19	8-20	8-21

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

SE 1/4 SEC. 10, T 1N, R 2E
SCALE: 1" = 100'

Plotted On: 8/20/2017

Revised By: JDEAN

SEWER
9-20

N W E S

City of Phoenix

Quadrant Two Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
201	12.94	173	1053.80	1040.86	E,W
				1047.39	N
202	11.88	375	1054.25	1042.37	E,W
203	11.12	380	1055.00	1043.88	E,W
204	11.26	378	1056.65	1045.39	SE,W
				1048.00	N
205	7.42	416	1058.40	1050.98	S
206	6.03	396	1055.00	1048.97	N,S
207	13.33	163	1056.35	1043.02	W,E
				1048.00	N
208	12.42	380	1056.65	1044.23	E,W
209	13.38	374	1058.80	1045.42	E,W
210	13.35	366	1059.95	1046.60	N,W,E
211	9.59	365	1057.60	1048.01	S
212	6.12	440	1055.70	1049.58	N,S
213	13.60	431	1057.35	1043.75	W,E
214	12.56	439	1057.10	1044.42	E,W
215	10.40	431	1057.60	1047.20	E,N,W

Quadrant Two Cleanouts

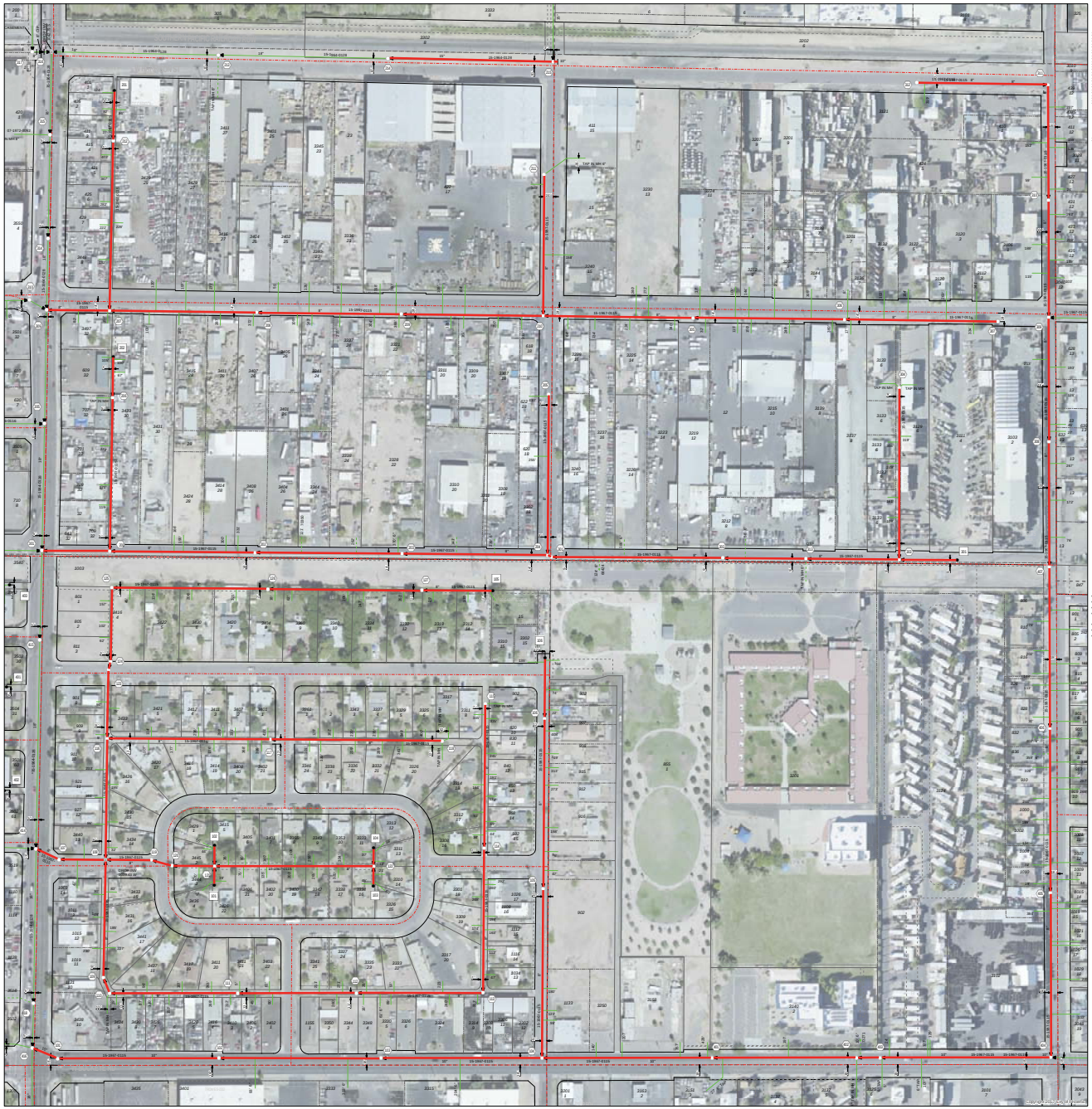
#	Depth	Stat	Rim El.	Invert El.
201	5.95	129	1056.00	1050.05
202	6.10	107	1055.58	1049.48

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
101	13.98	71	1051.42	1037.44	NW,E
102	13.73	417	1052.00	1038.27	E,W
103	13.71	419	1052.82	1039.11	E,W
104	14.96	413	1054.00	1039.04	E,W
				1044.80	N
105	8.24	438	1054.80	1046.56	N,S
106	6.88	440	1055.20	1048.32	N,S
107	13.79	67	1052.80	1039.01	NW,E
108	13.42	113	1052.85	1039.43	N,S,W
				1045.20	E
109	11.73	305	1052.35	1040.62	N,S
110	11.26	46	1052.15	1040.89	N,E
111	10.96	331	1053.00	1042.04	W,E
112	10.52	307	1053.75	1043.23	W,E
113	9.90	327	1054.40	1044.50	W,N
114	8.85	374	1054.70	1045.85	S,N
115	7.55	374	1054.75	1047.20	S
116	11.98	314	1054.40	1042.42	N,S,E
117	9.80	422	1054.00	1044.20	W,E
118	7.96	444	1053.60	1045.64	W
119	7.58	121	1053.25	1045.67	E,W
120	7.34	57	1053.25	1045.91	E,W
121	6.92	118	1053.25	1046.33	E,W,N,S
122	6.21	411	1054.20	1047.99	S,N,W
123	10.85	178	1053.60	1042.75	N,S
124	10.09	18	1053.80	1042.81	N,S
125	10.53	191	1054.10	1043.57	E,S
126	9.31	603	1055.10	1045.77	E,W
127	8.33	398	1055.20	1046.87	W,E

Quadrant One Cleanouts

#	Depth	Stat	Rim El.	Invert El.
101	6.63	49	1053.30	1046.67
102	6.63	53	1053.30	1046.67
103	5.87	51	1054.20	1048.33
104	5.87	47	1054.20	1048.33
105	7.96	183	1055.55	1047.59
106	6.07	156	1055.90	1048.83



To Be Rehabilitated

Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	10.58	11	1055.95	1045.45	E,NW
302	9.48	443	1056.70	1047.22	W,E
303	8.17	231	1057.30	1049.03	N,E,W
304	7.04	445	1057.95	1050.91	S
305	11.95	388	1059.80	1047.85	E,W
306	10.50	391	1059.60	1049.10	E,W
307	8.70	397	1059.95	1050.35	W
308	10.06	323	1058.00	1047.94	N,S
309	9.41	321	1058.58	1048.97	N,S,E
310	9.38	384	1059.30	1049.82	N,S
311	9.88	298	1060.55	1050.67	W,S
312	8.92	339	1060.95	1052.03	E
313	8.20	215	1056.10	1047.90	E,W

Quadrant Three Cleanouts

#	Depth	Stat	Rim El.	Invert El.
301	7.57	150	1057.30	1049.63

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
401	14.23	440	1055.05	1040.82	E,W
402	14.42	374	1055.80	1041.38	E,W
403	12.69	68	1054.38	1041.69	E,W
404	11.23	442	1053.80	1042.57	W,E
				1042.85	N
405	10.23	426	1054.45	1044.22	N,S
406	10.03	424	1055.60	1045.57	N,S
407	10.18	419	1057.10	1046.92	N,S

GENERAL	SEWER INFRASTRUCTURE	RECLAIMED INFRASTRUCTURE
Alley ROW Centerline Curve ROW ELO Lot Lot Line / Tract Line Lot Split Private ROW Public ROW Railroad Centerline Railroad ROW Section Line Monument Line Easements Phoenix City Limits WSD QSQuad Grid	Sewer Detail Areas Wastewater Plant Diversion Point Junction Chamber Pump Station Sam Manhole Storage Basin Treatment Plant Unassigned Sewer Mains Recently Abandoned Replaced Abandoned Forced Main Private Main Standard Main Auto Flushes As-Built As-Built Without Locate Application Tap Application Tap Without Locate Field Revision Field Revision Without Locate As-Built Tics Fitting Tics Locate Line Main Offset Reclaimed Treatment Plant Wastewater Treatment Plant Cleanout Manhole Sewer Valve Reflects Rehabilited As Built Tic Cap Reducer Split Manhole Discharge Structure Drop Manhole Standard Manhole Sewer Cleanout Sewer Lift Station Force/Air Valve Force Main Valve Sewer Meter Station	Reclaimed Detail Areas Reservoir Private Main Sidecutter Standard Main Tap Sleeve Reclaimed Citizens Line Reclaimed Dripped Main Application Tap As-Built Tap Reclaimed Fitting Tic Standard Vlv - Closed Standard Vlv - Open Blow-Off Vlv - Closed Blow-Off Vlv - Open As-Built Tic Reducer Customer Meter Landscape Meter System Meter Booster Station Reclaimed Flow Meter Reclaimed Manhole Reclaimed PRVs Reclaimed in Symbol Unassigned Sewer Mains

*All sewer mains rendered in VCP (Vitrified Clay Pipe) unless otherwise noted.
*All sewer laps are 4" in diameter unless otherwise noted.

PLEASE NOTE:
The information provided on this map is based on the 1000 Scale Maps. Because of the scale of this information we cautioned that independent verification of actual conditions may be necessary.

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION "EXEMPT FROM PUBLIC DISCLOSURE"

10-22	10-21	10-22
9-23	9-21	9-22
8-23	8-21	8-22

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

SW 1/4 SEC.11, T.1N, R.2E
SCALE: 1" = 100'

Plotted On: 8/20/2017

Revised By: JDEAN

SEWER
9-21

N W E S

City of Phoenix

Quadrant Two Manholes

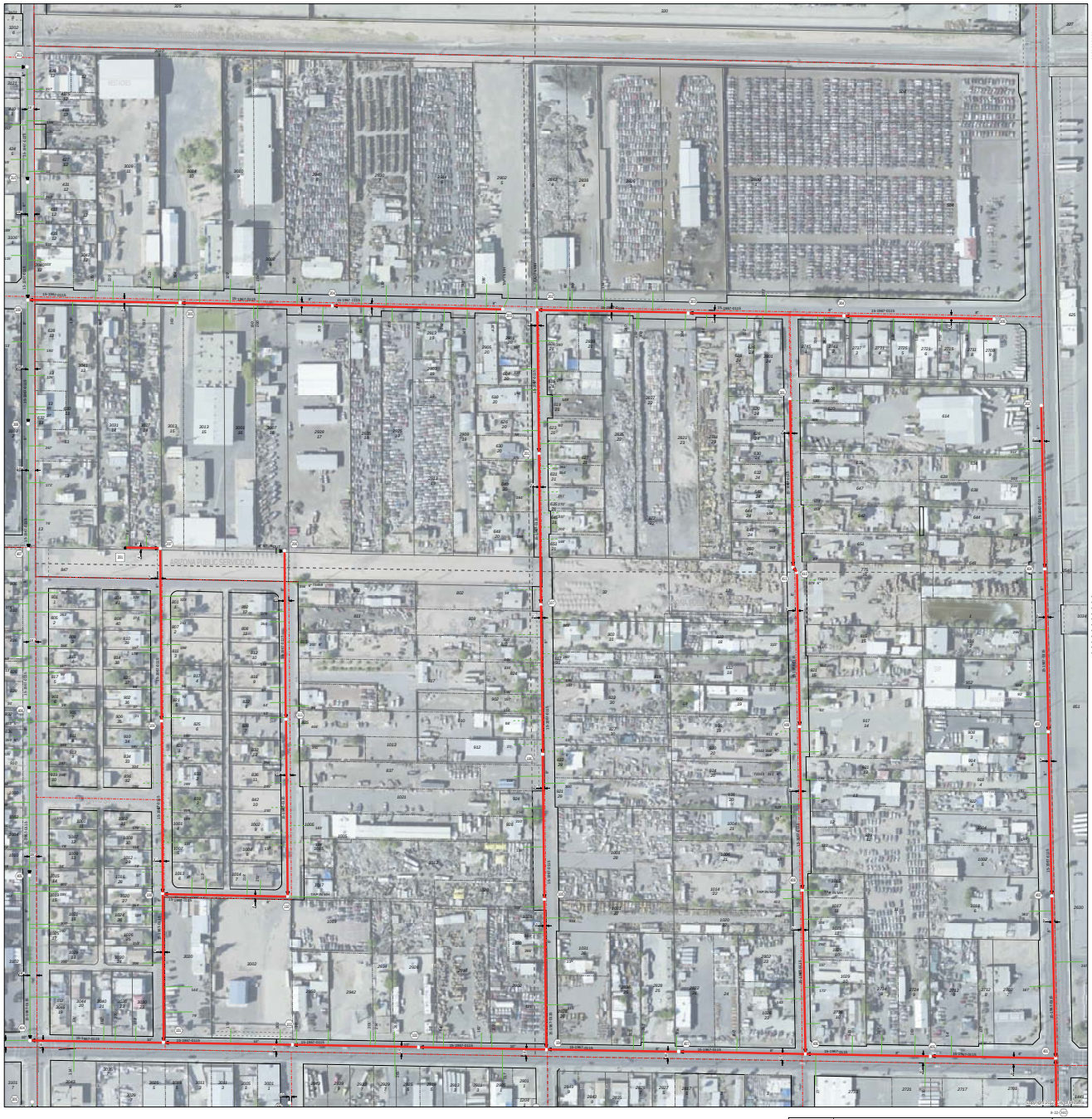
#	Depth	Stat	Rim El.	Inv. El.	Heading
201	9.46	391	1053.75	1050.20	N,S
202	9.03	376	1060.55	1051.52	E,S
203	6.90	441	1060.40	1053.50	W
204	8.05	393	1059.95	1051.90	E,W
205	8.51	394	1059.80	1050.40	W,E
206	6.74	440	1056.95	1050.21	S,W
207	7.57	451	1056.40	1048.83	W,S

Quadrant Two Cleanouts

#	Depth	Stat	Rim El.	Invert El.
201	7.15	90	1056.40	1049.25

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
101	10.44	343	1053.70	1043.26	E,W
				1044.23	N
102	10.73	333	1054.65	1043.92	E,W
103	11.32	326	1055.00	1044.58	E,W
104	11.17	331	1055.95	1044.58	E
				1045.24	W
				1045.40	N
105	10.51	387	1057.15	1046.64	S,N
106	10.66	375	1058.50	1047.84	N,S
107	9.90	387	1059.85	1049.06	N,S
108	8.89	382	1054.50	1045.61	N,S,E
109	8.38	446	1055.40	1047.22	N,S
110	8.78	322	1055.65	1046.87	N,W
111	7.41	457	1056.00	1048.59	N,S



Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	7.24	435	1060.30	1053.06	S
302	6.93	422	1062.05	1055.12	S
303	8.42	391	1061.30	1052.88	E,W
304	7.45	403	1061.60	1054.15	E,W
305	7.19	388	1062.60	1055.41	W

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
401	8.08	323	1057.70	1049.62	W,N,S
402	9.53	420	1060.60	1051.07	S,N
403	8.63	423	1061.05	1052.42	S,N
404	7.63	421	1061.40	1053.77	S,N
405	9.62	323	1058.20	1048.58	W,E
406	9.01	327	1056.55	1047.54	E,W,N
407	9.93	342	1056.40	1046.47	E,W
408	9.41	423	1058.40	1048.99	S,N
409	9.20	422	1059.55	1050.35	S,N
410	8.54	399	1060.15	1051.61	S,NW
411	8.44	17	1060.15	1051.71	SE,N

To Be Rehabilitated

GENERAL	SEWER INFRASTRUCTURE	RECLAIMED INFRASTRUCTURE
Alley ROW Centerline Canal ROW GLO Lot Lot Line / Tract Line Lot Split Private ROW Public ROW Railroad Centerline Railroad ROW Section Line Monument Line Easements Phoenix City Limits WSD Q3/Quad Grid	Sewer Detail Areas Wastewater Plant Reclamation Plant Junction Chamber Pump Station Sub Manhole Storage Basin Treatment Plant Unsurveyed Sewer Mains Recently Abandoned Replaced Abandoned Forced Main Private Main Standard Main Auto Flushed As-Built As-Built Without Locate Application Tap Application Tap Without Locate Field Revision Field Revision Without Locate As-Built Tics Fitting Tics Locate Line Main Offset Reclaimed Treatment Plant Wastewater Treatment Plant Cleanout Manhole Sewer Valve As Built Tic Cap Reducer Split Manhole Discharge Structure Drop Manhole Standard Manhole Sewer Cleanout Sewer Lift Station Force Air Valve Force Main Valve Sewer Meter Station Reflects Rehabilited *All sewer mains metered in VCP (Vitrified Clay Pipe) unless otherwise noted. *All sewer laps are 4" in diameter unless otherwise noted.	Reclaimed Detail Areas Reservoir Private Main Sidecutter Standard Main Tap Sleeve Reclaimed Chlorine Line Reclaimed Dripped Main Application Tap As-Built Tap Reclaimed Fitting Tic Standard Vlv - Closed Standard Vlv - Open Blow-Off Vlv - Closed Blow-Off Vlv - Open As-Built Tic Reducer Customer Meter Landscape Meter System Meter Booster Station Reclaimed Flow Meter Reclaimed Manhole Reclaimed PRVs Reclaimed in Symbol Unsurveyed Sewer Mains

PLEASE NOTE:
The information provided on this map is based on the best data available at the time of publication. Users of this information are cautioned that independent verification of actual conditions may be necessary.

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION "EXEMPT FROM PUBLIC DISCLOSURE"

10-21	10-22	10-23
9-21	9-22	9-23
8-21	8-22	8-23

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

SE 1/4 SEC. 11, T.1N, R.2E
SCALE: 1" = 100'

Plotted On: 5/20/2017

Revised By: JDEAN

SEWER

9-22

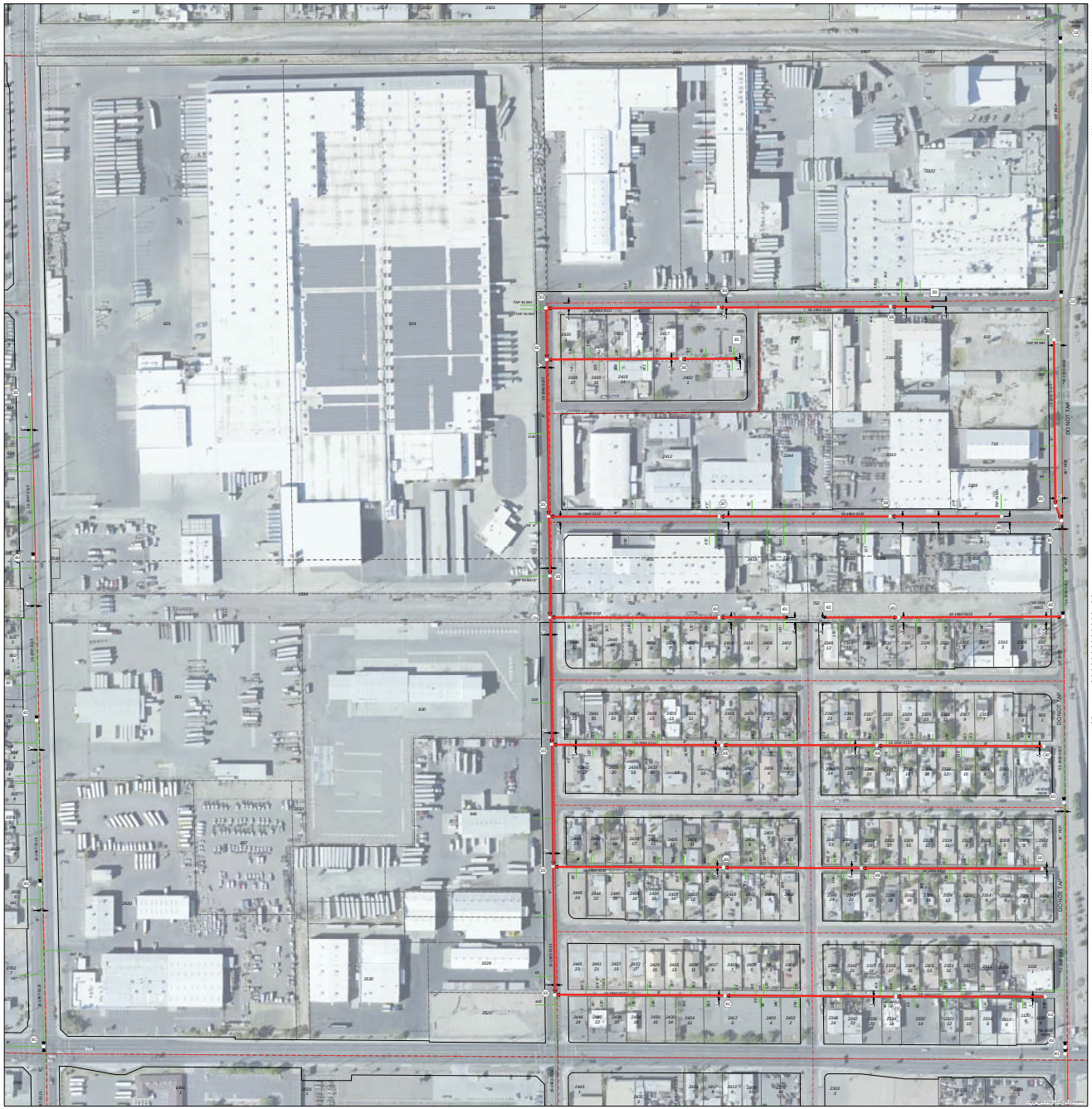
City of Phoenix

Quadrant Two Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
201	9.72	152	1064.38	1054.66	N,S,E
202	8.85	407	1064.95	1056.10	N,S,E
203	9.87	129	1065.60	1056.53	E,S

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
101	9.68	472	1056.80	1047.20	N,S,E
102	10.79	330	1059.15	1048.36	N,S,E
103	11.53	317	1061.00	1049.47	N,S,E
104	9.67	331	1063.35	1053.68	N,S,E
105	9.32	107	1063.90	1054.58	N,S



Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	9.25	250	1062.35	1053.00	S
				1053.10	N
				1054.60	NW
302	7.12	40	1062.35	1055.23	N,SE
303	7.56	420	1064.40	1056.84	S
304	7.84	445	1066.05	1058.21	E,W
305	5.47	444	1065.22	1059.75	E,W
306	5.99	346	1065.05	1059.06	E,W
307	8.17	440	1064.43	1056.26	E,W
308	6.65	442	1064.40	1057.75	E,W
309	4.76	288	1063.50	1058.74	W

Quadrant Three Cleanouts

#	Depth	Stat	Rim El.	Invert El.
301	4.98	143	1065.10	1060.20
302	4.78	180	1064.90	1060.12

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
401	10.61	715	1061.56	1050.95	S,N
402	8.10	480	1060.94	1052.64	N,S
				1054.32	W
403	4.98	420	1060.35	1055.37	W,E
404	6.59	437	1061.98	1055.39	E,W
405	7.93	440	1058.82	1050.89	E,W
406	5.01	480	1057.10	1052.09	E,W
407	6.21	412	1059.68	1053.39	W
408	6.81	440	1056.90	1050.09	E,W
409	5.05	356	1056.45	1051.40	E,W
410	4.92	467	1058.08	1053.16	W
411	6.10	440	1056.00	1049.90	E,W
412	5.34	441	1056.78	1051.44	E,W
413	4.98	387	1057.78	1052.80	W
414	6.61	19	1057.99	1051.38	N,S
415	7.53	632	1059.66	1052.13	S,N

Quadrant Four Cleanouts

#	Depth	Stat	Rim El.	Invert El.
401	4.95	175	1061.00	1056.05
402	4.78	190	1060.62	1055.84

GENERAL	SEWER INFRASTRUCTURE	RECLAIMED INFRASTRUCTURE
Alley ROW Centerline Curve ROW ELO Lot Lot Line / Tract Line Lot Split Private ROW Public ROW Railroad Centerline Railroad ROW Section Line Monument Line Easements Phoenix City Limits WSD QSQuad Grid	Sewer Detail Areas Force Main Diversion Point Junction Chamber Pump Station Sph Manhole Storage Basin Treatment Plant Unassigned Sewer Mains Recently Abandoned Replaced Abandoned Parced Main Private Main Standard Main Auto Flushed As-Built As-Built Without Locate Application Tap Application Tap Without Locate Field Revision Field Revision Without Locate As-Built Tbc Filling Tbc Locate Line Main Offset Reclaimed Treatment Plant Wastewater Treatment Plant Cleanout Manhole Sewer Valve Refects Rehabilted As Built To: Cap Reducer Sph Manhole Discharge Structure Drop Manhole Standard Manhole Sewer Cleanout Sewer Lift Station Force Air Valve Force Main Valve Sewer Meter Station	Reclaimed Detail Areas Force Main Private Main Sidecutter Standard Main Tap Sleeve Reclaimed Citizens Line Reclaimed Dripped Main Application Tap As-Built Tap Reclaimed Filling Tbc Standard Vlv - Closed Standard Vlv - Open Blow-Off Vlv - Closed Blow-Off Vlv - Open As-Built Tbc As-Built Vlv Reducer Customer Meter Landscape Meter System Meter Booster Station Reclaimed Flow Meter Reclaimed Manhole Reclaimed PRVs Reclaimed n Symbol Unassigned Sewer Mains

*All sewer mains rendered in VCP (Vitrified Clay Pipe) unless otherwise noted.
*All sewer laps are 4" in diameter unless otherwise noted.

PLEASE NOTE:
The information provided on this map is based on the STRICTEST interpretation of the available data. Users of this information are cautioned that independent verification of actual conditions may be necessary.

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION "EXEMPT FROM PUBLIC DISCLOSURE"

10-22	10-23	10-24
9-21	9-23	9-24
8-22	8-23	8-24

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

SW 1/4 SEC.12, T.1N, R.2E
SCALE: 1" = 100'

Plotted On: 6/20/2017

Revised By: JDEAN

SEWER
9-23

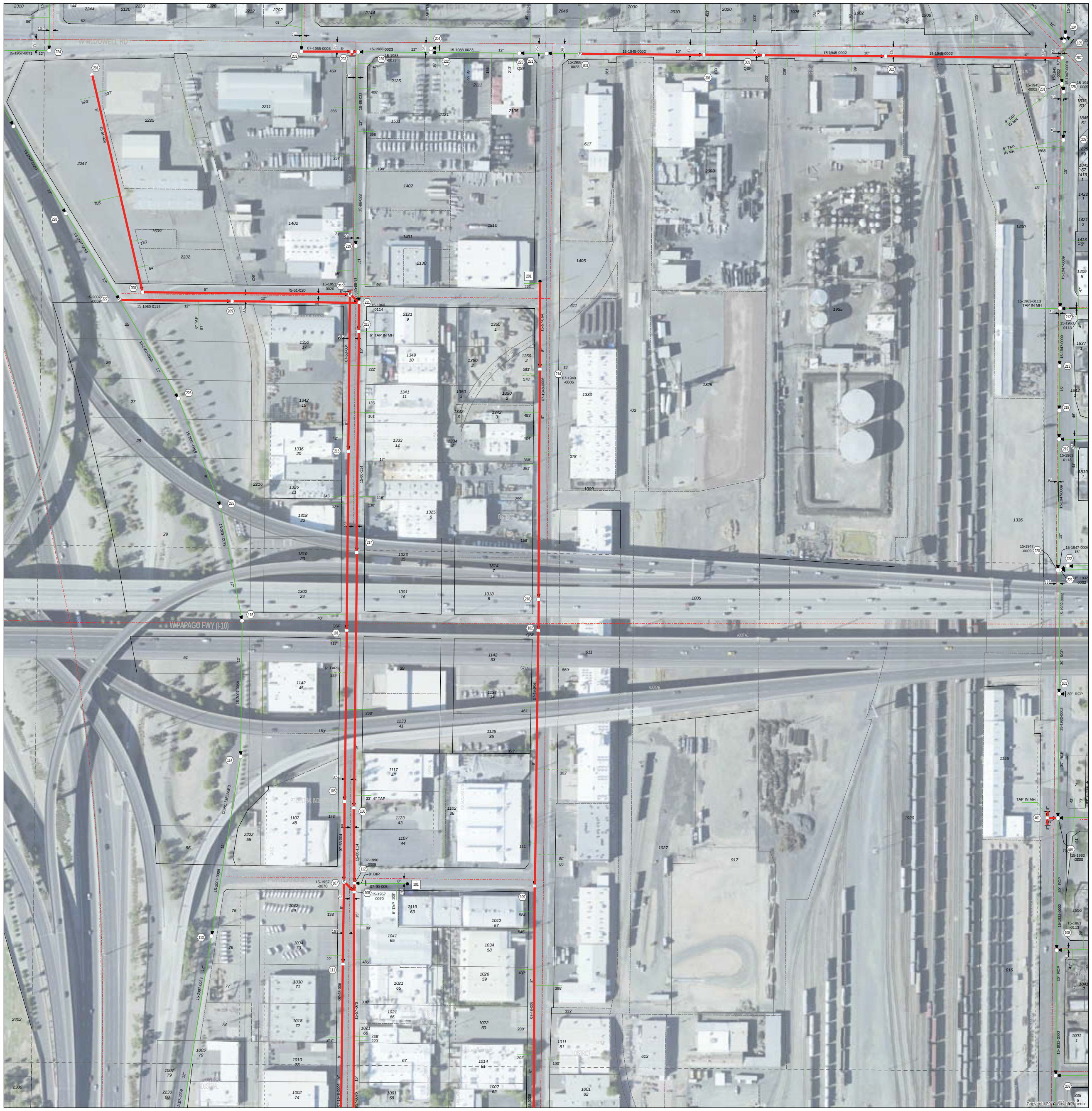
City of Phoenix

Quadrant Two Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
201	4.96	576	1080.16	1075.20	S
202	8.60	130	1082.66	1074.06	E,N
203	10.68	16	1083.80	1073.12	E,W,S
204	5.40	11	1083.60	1078.20	E,S
208	5.36	535	1078.66	1073.30	N,E
209	8.56	328	1079.00	1070.44	E,W
210	6.03	33	1077.20	1071.17	S,W,SE
				1071.79	N
211	9.68	74	1079.10	1069.42	S,W
				1069.67	N
				1070.68	NW
213	8.64	573	1077.90	1069.26	N,S
214	5.29	594	1076.66	1071.37	S,N
215	5.86	462	1077.22	1071.36	N,S
217	8.39	661	1077.23	1068.84	S,N
218	5.51	81	1075.99	1070.48	N,S
219	8.53	146	1079.50	1070.97	S,N
220	11.13	501	1083.10	1071.97	S
				1072.07	E
				1073.07	W
221	6.21	70	1081.00	1074.79	W
				1075.12	E
222	8.71	188	1082.90	1074.19	E,W
				1077.86	N
223	6.79	231	1081.44	1074.65	W,E
224	5.78	195	1080.16	1074.38	N,W
225	9.88	300	1078.89	1069.01	S,N
226	10.03	300	1079.69	1069.66	S,NW
227	10.21	298	1080.52	1070.31	SE,NW
				1071.53	E
228	10.60	263	1082.22	1071.62	SE,NW

Quadrant Two Cleanouts

#	Depth	Stat	Rim El.	Invert El.
201	17.20	227	1089.20	1072.00



Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	5.44	158	1080.16	1074.72	W,E
302	6.84	455	1080.40	1073.56	W,E
303	5.58	87	1081.00	1075.42	E,W
305	5.98	311	1080.32	1074.34	E,W

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
101	5.25	442	1076.03	1070.78	N,S
102	5.55	659	1075.91	1070.36	N,S
105	4.62	205	1074.79	1070.17	N,S
106	7.02	194	1075.00	1067.98	N,S
107	4.39	217	1074.29	1069.90	SE,N,S
108	7.40	609	1074.80	1067.40	N,S,NW
109	5.88	650	1075.26	1069.38	S,N
111	4.15	424	1073.78	1069.63	S,N
112	6.74	22	1074.20	1067.46	N,S
				1067.94	E
113	9.86	500	1076.48	1066.62	S,N
114	9.71	470	1077.32	1067.61	S,N
115	9.72	350	1078.08	1068.36	S,N

Quadrant One Cleanouts

#	Depth	Stat	Rim El.	Invert El.
101	6.04	137	1074.40	1068.36

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
401	9.15	27	1075.46	1066.31	N,S
				1068.16	E

To Be Rehabilitated

GENERAL

Alley ROW
Canal Centerline
Canal ROW
GLO Lot
Lot Line / Tract Line
Lot Split
Private ROW
Public ROW
Railroad Centerline
Railroad ROW
Separation Line
Monument Line
Easements
Phoenix City Limits
WSD QS/Quad Grid

SEWER INFRASTRUCTURE

Sewer Detail Areas
Diversion Chamber
Diversion Point
Junction Chamber
Pump Station
Split Manhole
Storage Basin
Treatment Plant
Unaccepted Sewer Mains
Sewer Encasement
Reclaimed Encasement
Forced Main
Private Main
Standard Main
Auto Flusher
As-Built
As-Built Without Locate
Application Tap
Application Tap Without Locate
Field Revision
Field Revision Without Locate
As-Built Tics
Fitting Tics
Leader Line
Main Offset
Reclaimed Treatment Plant
Wastewater Treatment Plant
Cleanout
Manhole
Sewer Valve
* Reflects Rehabbed
As Built Tic
Cap
Reducer
Split Manhole
Discharge Structure
Drop Manhole
Standard Manhole
Sewer Cleanout
Sewer Lift Station
Force Air Valve
Force Main Valve
Sewer Meter Station

*All sewer main material is VCP (Vitrified Clay Pipe) unless otherwise noted.
*All sewer taps are 4" in diameter unless otherwise noted.

RECLAIMED INFRASTRUCTURE

Reclaimed Detail Areas
Forced Main
Private Main
SideOutlet
Standard Main
Tap Sleeve
Reclaimed Chlorine Line
Reclaimed Dipped Main
Application Tap
As-Built Tap
Reclaimed Fitting Tic
Standard Vlv - Closed
Standard Vlv - Open
Blow-Off Vlv - Closed
Blow-Off Vlv - Open
As-Built Tic
Reducer
Customer Meter
Landscape Meter
System Meter
Booster Station
Reclaimed Flow Meter
Reclaimed Manhole
Reclaimed PRVs
Reclaimed # Symbol
Unaccepted Sewer Mains

PLEASE NOTE:
The information provided on this map is based on RECORD DRAWINGS submitted by others. Users of this information are cautioned that independent verification of actual conditions may be necessary.

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION
EXEMPT FROM PUBLIC DISCLOSURE

13-23	13-24	13-25
12-23	**12-24**	12-25
11-23	11-24	11-25

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

NE 1/4 SEC.1, T.1N, R.2E
SCALE: 1" = 100'

Plotted On: 11/20/2017
Revised By: JDEAN

SEWER
12-24

N W E S

City of Phoenix

Quadrant Two Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
201	5.72	42	1104.43	1098.69	W,N,E
202	5.67	316	1105.54	1099.89	E,W
203	5.68	88	1103.96	1098.28	W,E
204	5.40	319	1104.96	1099.56	E,W
205	5.34	453	1103.86	1098.52	W,E
206	5.45	464	1105.36	1099.91	E,W
210	5.93	236	1106.76	1100.83	W
211	5.18	206	1105.56	1100.38	W

Quadrant Two Cleanouts

#	Depth	Stat	Rim El.	Invert El.
203	2.19	305	1106.40	1104.21

Quadrant One Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
102	4.69	344	1103.86	1099.17	E,N,S
103	4.59	313	1102.90	1098.31	E,N,S
104	5.70	556	1102.56	1096.86	E,W,N
105	6.04	300	1101.66	1095.62	W,E
106	6.65	11	1100.20	1093.55	W,N,E
108	5.06	11	1100.90	1095.84	E,W,S
109	4.63	153	1100.96	1096.33	W,N,E
110	4.75	128	1101.96	1097.21	N,W
111	5.05	333	1103.16	1098.11	N,E,S
112	4.93	173	1103.56	1098.63	N,S,W
113	4.34	173	1102.91	1098.77	E,N
116	5.43	377	1101.20	1095.77	S,E
117	6.82	286	1100.80	1094.78	N,S
118	6.37	671	1100.40	1094.03	E,N,W
119	6.26	218	1100.60	1094.34	E,W
120	3.93	319	1103.90	1099.97	S
121	6.28	48	1100.80	1094.52	E,W

Quadrant One Cleanouts

#	Depth	Stat	Rim El.	Invert El.
102	4.75	258	1103.78	1099.03

Quadrant Three Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
301	4.74	165	1108.77	1104.03	S
302	3.84	169	1109.56	1105.72	S,E
303	4.57	289	1111.16	1106.59	E,W
304	4.35	42	1109.56	1105.21	N,W
305	4.53	234	1109.56	1105.03	E,W
306	4.13	363	1108.46	1104.33	E,W
307	4.82	281	1107.66	1103.14	E,W,N,S
308	4.82	350	1107.36	1102.54	E,N,S
309	4.32	360	1108.16	1103.84	E,W
310	4.41	237	1108.96	1104.55	W,E
311	4.04	322	1109.96	1105.92	E,W
312	4.72	415	1108.56	1103.84	E,W
313	5.17	413	1107.76	1102.59	E,W
314	5.21	480	1106.56	1101.35	N,E,W
315	4.54	326	1111.76	1107.22	W

Quadrant Three Cleanouts

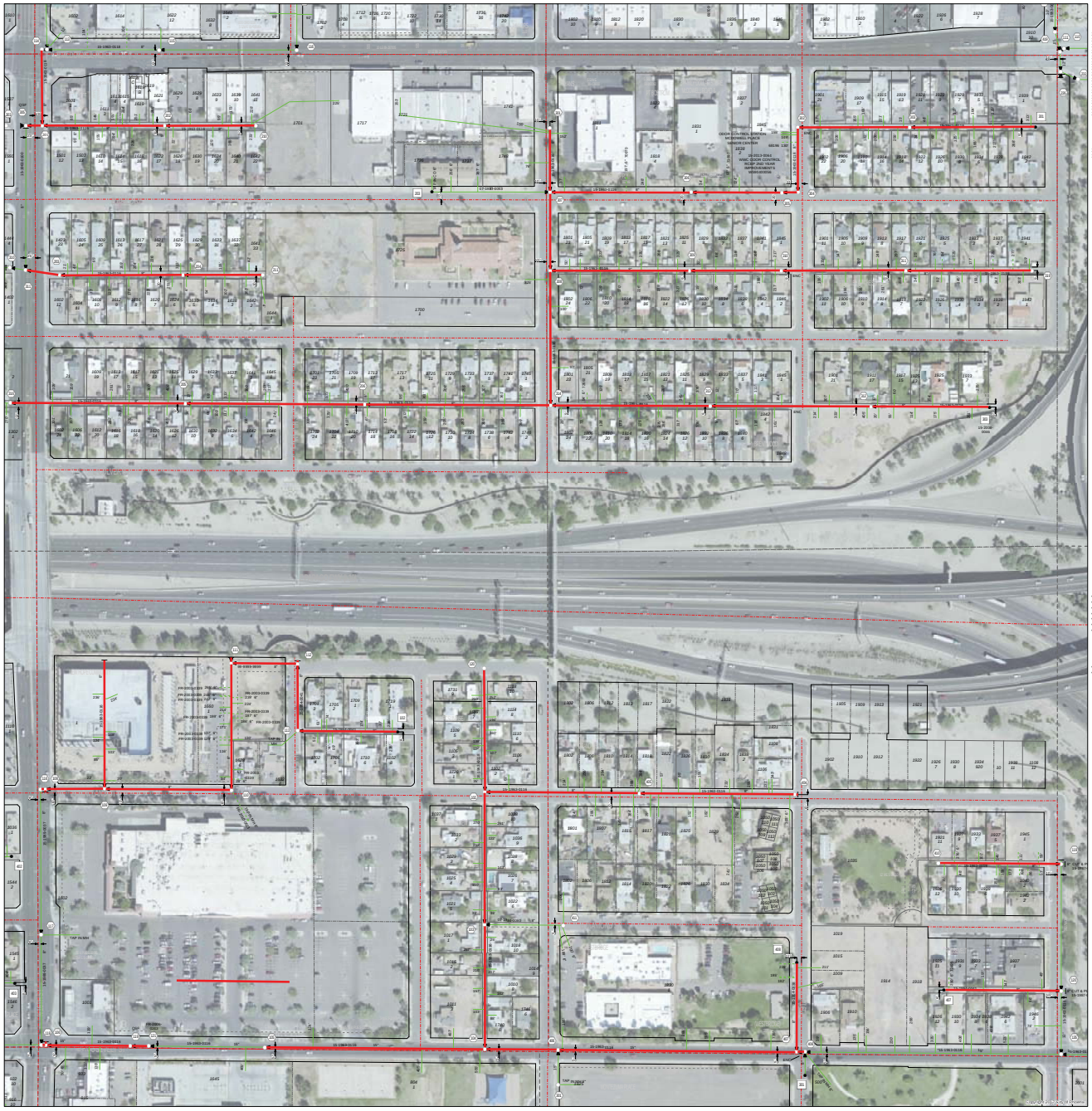
#	Depth	Stat	Rim El.	Invert El.
301	4.79	325	1112.36	1107.57
303	3.44	307	1108.56	1105.12

Quadrant Four Manholes

#	Depth	Stat	Rim El.	Inv. El.	Heading
404	4.29	402	1105.56	1101.27	E,W
405	4.59	390	1104.86	1100.27	E,W
406	4.89	191	1102.66	1097.77	W,E,S
407	6.85	618	1104.58	1098.45	W,E,N
408	6.04	22	1104.56	1098.52	W,E,S
410	4.39	317	1106.46	1102.07	E
411	4.58	284	1103.70	1099.28	W

Quadrant Four Cleanouts

#	Depth	Stat	Rim El.	Invert El.
407	5.01	383	1106.16	1101.15
408	5.46	231	1104.62	1099.16



To be rehabilitated

GENERAL	SEWER INFRASTRUCTURE	RECLAIMED INFRASTRUCTURE
Alley ROW Centerline Curve ROW DLO Lot Lot Line / Tract Line Lot Split Private ROW Public ROW Railroad Centerline Railroad ROW Remnant Lot Monument Line Easements Phoenix City Limits WSD QSQuad Grid	Sewer Detail Areas Wastewater Plant Diversion Point Junction Chamber Pump Station Sam Manhole Storage Basin Treatment Plant Unassigned Sewer Mains Recent Sewer Installed Recent Sewer Abandoned Force Main Private Main Standard Main Auto Flushing As-Built As-Built Without Locate Application Tap Application Tap Without Locate Field Revision Field Revision Without Locate As-Built Tics Filling Tics Locate Line Main Offset Reclaimed Treatment Plant Wastewater Treatment Plant Cleanout Manhole Sewer Valve Reflexis Rehabilated As Built Tic Cap Reducer Split Manhole Discharge Structure Drop Manhole Standard Manhole Sewer Cleanout Sewer Lift Station Force Air Valve Force Main Valve Sewer Meter Station	Reclaimed Detail Areas Reclaimed Private Main Sidecutter Standard Main Tap Sleeve Reclaimed Citizens Line Reclaimed Dipped Main Application Tap As-Built Tap Reclaimed Filling Tic Standard Vlv - Closed Standard Vlv - Open Blow-Off Vlv - Closed Blow-Off Vlv - Open As-Built Tic Reducer Customer Meter Landscape Meter System Meter Booster Station Reclaimed Flow Meter Reclaimed Manhole Reclaimed PRV's Reclaimed in Symbol Unassigned Sewer Mains

*All sewer main material is VCP (Vitrified Clay Pipe) unless otherwise noted.
*All sewer laps are 4" in diameter unless otherwise noted.

PLEASE NOTE:
The information provided on this map is based on the COSMOS database. Users of this map are cautioned that independent verification of actual conditions may be necessary.

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION "EXEMPT FROM PUBLIC DISCLOSURE"

13-30	13-31	13-32
12-30	12-31	12-32
11-30	11-31	11-32

WATER SERVICES DEPARTMENT
INFRASTRUCTURE RECORDS SERVICES

NW 1/4 SEC.3, T.1N, R.3E
SCALE: 1" = 100'

Plotted On: 5/20/2017

Revised By: JDEAN

SEWER

12-31

N W E S

City of Phoenix