



WATER POINTS			
Point #	Northing	Easting	Desc.
4000	1679698.27	1602295.62	BLOWOFF
4001	1679697.74	1602247.35	BEND
4002	1679682.14	1602173.15	BEND
4003	1679722.84	1602101.72	TEE
4004	1679749.57	1602041.61	TEE
4005	1679756.12	1601921.94	FH
4006	1679755.41	1601588.77	BEND
4007	1679746.02	1601558.12	BEND
4008	1679726.20	1601538.93	TEE
4009	1679720.69	1601534.92	FH
4010	1679692.10	1601527.02	BEND
4011	1679607.13	1601537.55	BLOWOFF
4012	1679484.00	1601957.99	TEE
4013	1679434.47	1601935.74	FH
4014	1679297.06	1601900.95	BLOWOFF
4015	1679485.69	1601819.01	BEND
4016	1679489.98	1601790.78	BEND
4017	1679509.62	1601776.33	BEND
4018	1679531.83	1601739.59	BEND
4019	1679521.55	1601697.91	BEND
4020	1679484.82	1601675.71	BEND
4021	1679443.14	1601685.99	BEND
4022	1679417.87	1601727.79	BEND
4023	1679424.65	1601755.26	BLOWOFF
4024	1679754.36	1602043.04	BEND
4025	1679755.91	1602043.50	BEND
4026	1679771.81	1602048.22	BEND
4027	1679775.14	1602049.21	BEND
4028	1679822.97	1602063.43	BEND
4029	1679890.32	1602063.10	BLOWOFF
4030	1679750.59	1601513.75	BEND
4031	1679749.96	1601382.02	BLOWOFF

STREET CL POINTS			
Point #	Northing	Easting	Desc.
100	1679753.81	1602345.01	PI
101	1679752.96	1602267.22	PI
102	1679754.93	1602222.98	PI
103	1679726.73	1602138.11	PI
104	1679680.70	1602113.50	PI
105	1679645.28	1602101.02	PI
106	1679546.13	1602042.72	PI
107	1679499.84	1602001.75	PI
108	1679454.98	1601971.77	PI
109	1679389.69	1601952.78	PI
110	1679286.48	1601924.70	PI
111	1679137.25	1601858.23	PI
112	1679081.00	1601775.82	PI
113	1679073.37	1601610.12	PI
114	1679104.68	1601532.73	PI
115	1679183.78	1601506.07	PI
116	1679213.27	1601509.19	PI
117	1679388.27	1601502.00	PI
118	1679498.82	1601501.76	PI
119	1679542.93	1601509.93	PI
120	1679603.93	1601511.75	PI
121	1679679.77	1601502.35	PI
122	1679753.59	1601527.15	PI
123	1679780.43	1601600.24	PI
124	1679770.72	1601701.70	PI
125	1679771.56	1601824.20	PI
126	1679782.95	1601928.13	PI
127	1679764.32	1602069.56	PI
128	1679787.61	1602078.62	PI
129	1679824.34	1602085.42	PI
130	1679908.92	1602085.02	PI
131	1679457.53	1601966.54	PI
132	1679470.15	1601847.92	PI
133	1679443.37	1601739.30	PI
134	1679087.76	1601514.78	PI
135	1679068.77	1601469.93	PI
136	1679064.82	1601382.50	PI
137	1679758.31	1601522.29	PI
138	1679772.47	1601487.19	PI
139	1679771.93	1601374.78	PI

BENCHMARKS

BM#1 5/8" rebar with MKEC aluminum cap set flush to the ground being 220 feet south and 75 feet west of the East 1/4 corner section 26, Twp. 27S, Rge. 2W. Elev.=1349.81 feet (NAVD 88)

BM#2 Square cut east nose of island 50 feet west of 135th street and One Wood intersection, 500 feet north of Courtyards @ Auburn Hills Addition 500 feet on 135th St. West. ELEV =1350.35 feet (NAVD 88)

CONTROL POINTS

CP #1
3/4" pipe with Sedgwick County cap
N = 1679947.56 E = 1602342.90
Southeast 1/4 corner section 26, Twp. 27S, Rge. 2W.

CP #10
5/8" rebar with MKEC aluminum cap set flush to the ground
N = 1679728.88 E = 1602266.44
218 feet south and 79 feet west of the East 1/4 corner section 26, Twp. 27S, Rge. 2W.

CP #11
5/8" rebar with red cap "MKEC CONTROL PT"
N = 1679175.49 E = 1601890.42
770 feet south and 461 feet west of the East 1/4 corner section 26, Twp. 27S, Rge. 2W.

CP #12
5/8" rebar with red cap "MKEC CONTROL PT"
N = 1679001.45 E = 1601391.84
941 feet south and 961 feet west of the East 1/4 corner section 26, Twp. 27S, Rge. 2W.

CP #13
5/8" rebar with red cap "MKEC CONTROL PT"
N = 1679428.52 E = 1601463.78
515 feet south and 885 feet west of the East 1/4 corner section 26, Twp. 27S, Rge. 2W.

CP #14
5/8" rebar with red cap "MKEC CONTROL PT"
N = 1679824.11 E = 1601391.76
119 feet south and 952 feet west of the East 1/4 corner section 26, Twp. 27S, Rge. 2W.

CP #15
5/8" rebar with red cap "MKEC CONTROL PT"
N = 1679176.70 E = 1601394.58
766 feet south and 957 feet west of the East 1/4 corner section 26, Twp. 27S, Rge. 2W.

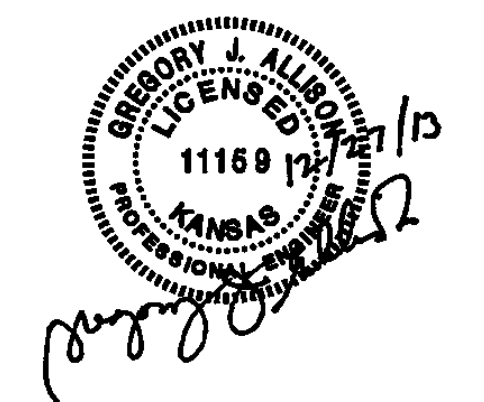
Horizontal Datum: Kansas Coordinate System 1983 South Zone (Modified to ground using a scale factor of 1.000120014)

EVERY ATTEMPT HAS BEEN MADE TO INSURE ALL COORDINATE VALUES SHOWN ARE AN ACCURATE AND TRUE REPRESENTATION OF THE CURRENT PLANS. ALL VALUES ARE TO BE CONFIRMED WITH THE FINAL SIGNED PLAN SET BEFORE USE.



WATER DISTRIBUTION PLANS FOR
COURTYARDS @ AUBURN HILLS
PHASE 1

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BUBBLE MAP

PROJECT NO.	448-90616		
DATE	DEC 2013		
SCALE	AS SHOWN		
DESIGNED	DRAWN	CHECKED	
SPE	KKL	GJA	
#	NO.	REVISION	DATE