


POINT TABLE					
POINT NUMBER	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
3	-1.4376	6314.7315			SD
5	2650.8620	994.9726			THIMBLE
6	-12.8688	-1670.6191			THIMBLE
7	-2651.6019	1007.0579			SD
8	-0.3824	999.9276	50+00.00	00.07' Lt.	SD
3059	15.9223	872.5645	8+72.64	16.90' Lt.	Tee/GateValve
3060	-4.9784	872.4513	8+72.43	4.00' Rt.	Tee/GateValve
3061	-4.5382	964.4006	9+64.38	4.00' Rt.	45°Bend
3062	-4.5241	969.6805	9+69.66	4.00' Rt.	45°Bend
3063	-4.4551	984.4649	9+84.44	4.00' Rt.	Cross
3064	-4.3766	1040.5948	10+40.59	4.00' Rt.	Bend
3065	-477.2601	981.9218	45+23.17	19.26' Lt.	Tee/GateValve
3066	-477.2509	985.6326	45+17.23	15.55' Lt.	Tee/GateValve
3067	-473.5809	985.6235	45+26.84	15.55' Lt.	Service
3068	-458.1381	985.5852	45+42.28	15.55' Lt.	Service
3069	-455.4893	985.5786	45+44.93	15.55' Lt.	Service
3070	-406.6667	985.4574	45+93.75	15.55' Lt.	Service
3071	-403.4716	985.4495	45+96.95	15.55' Lt.	Service
3072	-362.6756	985.3483	46+37.74	15.55' Lt.	Service
3073	-315.1292	985.2303	46+85.29	15.55' Lt.	Service
3074	-159.7686	984.8447	48+40.65	15.55' Lt.	Service
3075	-154.5121	984.8317	48+45.91	15.55' Lt.	Service
3076	-31.7143	984.5322	49+68.71	15.55' Lt.	45°Bend
3077	-27.1039	984.5208	49+73.32	15.55' Lt.	45°Bend
3078	21.1526	984.4016	50+21.58	15.55' Lt.	45°Bend
3079	29.3285	992.5488	50+29.72	7.40' Lt.	45°Bend
3080	171.7986	992.2989	51+72.19	7.40' Lt.	Service
3081	174.7986	992.2936	51+75.19	7.40' Lt.	Service
3082	177.7986	992.2884	51+78.19	7.40' Lt.	Service
3083	286.9173	992.0969	52+87.31	7.40' Lt.	Service
3084	295.7787	992.0814	52+96.17	7.40' Lt.	Service
3085	400.9166	991.8970	54+01.31	7.40' Lt.	Service
3086	432.4819	991.8416	54+32.88	7.40' Lt.	Service
3087	473.6114	991.7694	54+74.01	7.40' Lt.	Service
3088	482.5614	991.7537	54+82.96	7.40' Lt.	Tee/Blowoff Assy
3089	482.5348	976.6002	54+82.96	22.55' Lt.	Tee/GateValve

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POINT NUMBER	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
3107	-22.9022	1059.5875	10+59.58	22.53' Rt.	BEND
3109	-22.9000	1074.8589	10+74.85	22.53' Rt.	Connect
3116	67.8191	992.4813	50+68.21	7.40' Lt.	Tee/Valve
3117	67.8415	1005.2083	50+68.21	5.33' Rt.	45°Bend
3118	67.8468	1008.2513	50+68.21	8.37' Rt.	45°Bend
3119	67.9091	1043.7906	50+68.21	43.91' Rt.	FH ASSY/REDUCER
16502	351.4090	948.9580	53+51.88	50.43' Lt.	SD 1/2" BAR
16503	205.4020	949.3820	52+05.87	50.26' Lt.	SD 1/2" BAR
17120	-311.8620	1040.6610	46+88.42	39.89' Rt.	SD 1/2" RE BAR
17121	-193.8520	1040.4020	48+06.43	39.92' Rt.	SD 1/2" PIPE
17122	-296.2920	970.4390	47+04.16	30.30' Lt.	SD 1/2" PIPE
17221	-346.3140	970.5190	46+54.14	30.34' Lt.	PKN

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**MKEC**  
ENGINEERING  
CONSULTANTS  
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WICHITA, KS. 67206  
316-684-9600

**CENTRAL AND OLIVER INTERSECTION**  
PROJECT NAME

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**WATER BUBBLE MAP**  
SHEET TITLE

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JRA	JSB	JRA
DESIGN BY.	DRAWN BY.	CHECKED BY.
JAN. 2007	05709	33 / 68
DATE	JOB NO.	SHEET/OF