



PROPOSED DRAINAGE AND UTILITY PLAN FOR
COURTYARDS AT AUBURN
WICHITA, KANSAS

BASIN SUMMARY				
	Northwest	Northeast	Central	South
Area (ac)	1.1	1.3	18.5	0.7
CN	91.7	91.7	90.8	91.7
Tc (min)	10.0	3.8	19.9	4.6
1-Year (cfs)	3.0	4.1	7.4	2.2
2-Year (cfs)	4.0	5.4	9.8	2.9
5-Year (cfs)	5.5	7.4	47.2	4.0
10-Year (cfs)	6.4	8.7	71.5	4.7

RESERVE 'A' POND SUMMARY				
	Flow In (cfs)	Flow Out (cfs)	Elevation (ft)	Volume (ac-ft)
1-Year (cfs)	33.4	0.7	1349.4	1.8
2-Year (cfs)	44.3	5.8	1349.6	2.0
5-Year (cfs)	61.4	40.6	1350.0	2.1
10-Year (cfs)	72.6	61.3	1350.1	2.2
25-Year (cfs)	89.3	84.6	1350.2	2.3
50-Year (cfs)	101.9	99.0	1350.3	2.3
100-Year (cfs)	112.9	110.1	1350.4	2.3

LEGEND

- FLOW PATHS
- BASIN DRAINAGE BOUNDARY
- PROPOSED DRAINAGE BOUNDARY
- FLOW ARROWS
- PROPOSED WATER
- PROPOSED SANITARY SEWER
- PROPOSED STORM WATER SEWER
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING STORM WATER SEWER
- 135TH ST. WEST BOUNDARY
- SWS PIPE SIZING

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PROP. DRAINAGE & UTILITY PLAN

PROJECT NO.	1301010292	
DATE	AUGUST 2013	
SCALE	AS NOTED	
DESIGNED	DRAWN	CHECKED
KLA	DM	GJA
#	---	###/##/##
NO.	REVISION	DATE
SHEET NO.		