



RUNOFF CONDITIONS
 Area = 7 acres
 $T_c = 15 \text{ min}$
 $C = 0.90$
 $Q_2 = 24 \text{ cfs}$
 $Q_5 = 29 \text{ cfs}$
 $Q_{10} = 33 \text{ cfs}$
 $Q_{15} = 46 \text{ cfs}$

Note: There is no FEMA SFHA located on this property as of January 25, 2010 per FEMA FIRM Panel 213 of 700 for Sedgwick County, Kansas, effective February 2, 2007.

Note: The existing SWS was modeled for the 10-year storm event. The proposed 30" RCP stub to the site was sized to adequately convey the 10-year storm event without surcharging or overtopping any additional existing inlets/pipes.

Legend	
	Current Topography
	Drainage Basins
	Existing SWS

Note: Topographical information was obtained from The City of Wichita LIDAR imagery. The SWS information was obtained from the City of Wichita's SWS inventory database.

Scale: 1" = 100'

	THE MOORINGS ADDITION LOT 1, BLK 5 DRAINAGE PLAN	
	<small>Baughman Company, P.A. 315 Erie St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE</small>	
<small>PROJECT NUMBER</small> TRK	<small>DESIGN</small> TRK	<small>DRAWN</small> TRK
<small>REVISIONS</small> 01 02-10 TRK <small>Added Berms/Landscaping, updated Drainage Basin</small>	<small>APPROVED</small> TRK	<small>DATE</small> 1-25-10
<small>SCALE</small> NOTED		<small>SHEET</small> 1 OF 1
<small>E:\Projects\TheMooringsAddition\Drawn Plan</small>		