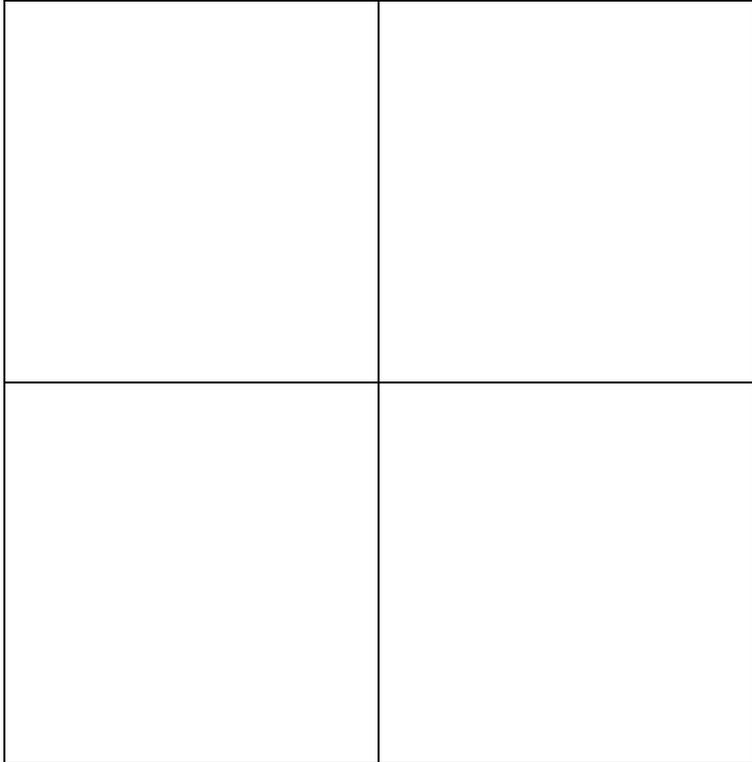


Name	_____	Ident. No.	_____
Legal Desc.	_____	County	_____
Designed by	_____	Date	_____
Checked by	_____	Date	_____
Approved by	_____	Date	_____
Layout by	_____	Date	_____

Before any investigation or construction activity, the excavator is responsible for calling Kansas One-Call at 800-344-7233 (800-DIG-SAFE).

Hydraulic Design

Waterway Number									
Reach Letter									
Hydrologic Soil Group									
Curve Number									
Drainage Area (acre)									
10 -year, 24-hour Discharge Q (cfs)									
Channel Grade (%)									
Velocity Retardance									
Capacity Retardance									
Design Velocity (fps)									



Remarks \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Location Map Scale 1" = \_\_\_\_\_

Design Dimensions

Waterway Number	Reach Letter	Parabolic Cross Section <sup>1/</sup>						Berm <sup>1/</sup>				Free-board <sup>1/</sup>	
		Top Width (TW)	Depth at Centerline	0.75 Depth	At 1/4 TW	0.5 Depth	At 3/8 TW	Top Width	Side Slope	Temporary	Permanent		

Design Shaped, Topsoiled, and Seeded Areas

Waterway Number	Reach Letter	Design Length <sup>1/</sup>	Design Widths <sup>1/</sup>			Design Area (acres)		
			Shaped	Topsoiled	Seeded	Shaped <sup>2/</sup>	Topsoiled <sup>2/</sup>	Seeded <sup>2/</sup>

<sup>1/</sup> All dimensions are in feet. Total \_\_\_\_\_

<sup>2/</sup> Area = Length x Width / 43560 Sheet \_\_\_\_\_ of \_\_\_\_\_