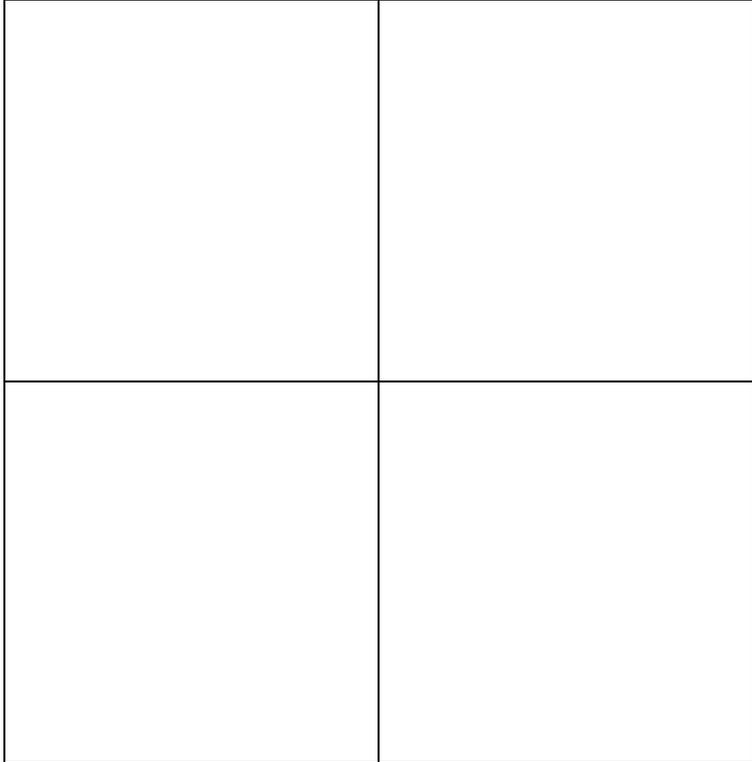


Name	_____	Ident. No.	_____
Legal Desc.	_____	County	_____
Designed by	_____	Date	_____
Checked by	_____	Date	_____
Approved by	_____	Date	_____
Layout by	_____	Date	_____

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	Trapezoidal Cross Section				Berm				Inter-Terrace Strip
		Depth (feet)	Bottom Width (feet)	Side Slope	Freeboard (feet)	Top Width (feet)	Side Slope	Temporary	Permanent	
				:1			:1			
				:1			:1			
				:1			:1			
				:1			:1			
				:1			:1			
				:1			:1			
				:1			:1			

Design Shaped, Topsoiled, and Seeded Areas

Waterway Number	Reach Letter	Design Length (feet)	Design Widths (feet)			Design Area (acres)		
			Shaped	Topsoiled	Seeded	Shaped ^{1/}	Topsoiled ^{1/}	Seeded ^{1/}

^{1/} Area = Length x Width / 43560 Total _____