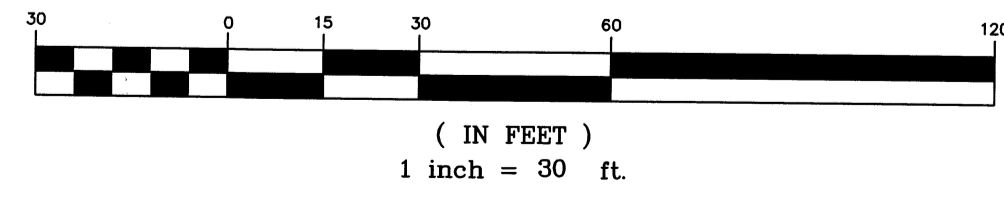
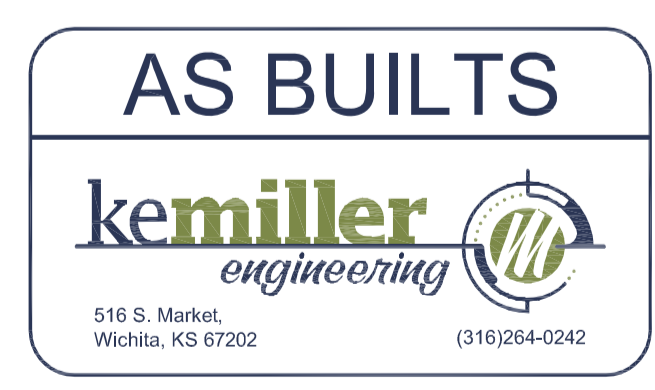


*% TSS Treatment Calculations*

Area #	Description	Acres	Treatment facility 1		Treatment facility 2		Formation	Effective TSS Removal
			Type	Removal %	Type	Removal %		
1	Prop. building+grass area draining to ED Pond	2.17	Grass buffer	50	Dry ED pond	60	In train	80
2	Part of parking lot draining to enhanced swale	1.37	Enhanced Dry Swale	90	Dry ED pond	60	In train	96
3	Part of parking lot draining to grass channel	0.71	Grass Channel	50	None	-	-	50

$$TSS_{site} = (2.17 \times 80 + 1.37 \times 96 + 0.71 \times 50) / (2.17 + 1.37 + 0.71)$$

$$= 80.15 \% > 80\%$$



**TOP - North Central  
TSS Calculation  
Wichita, Kansas**

PROJECT NUMBER			
<b>kemiller</b> <i>engineering</i>	KEM NO. 10147	FILE	DATE 12/2010
	DESIGN KM	DRAWN GP	REVISED 01/13/2011

6.1