

KANSAS

Owner Diedrich Farms

Practice Stockwater Dam

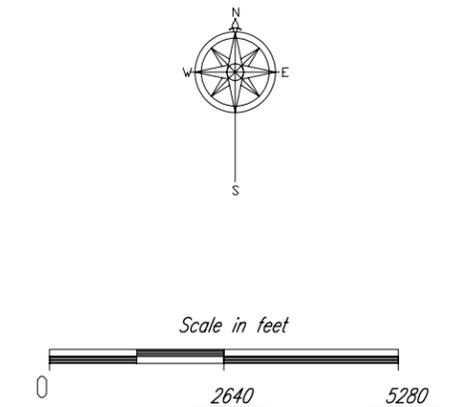
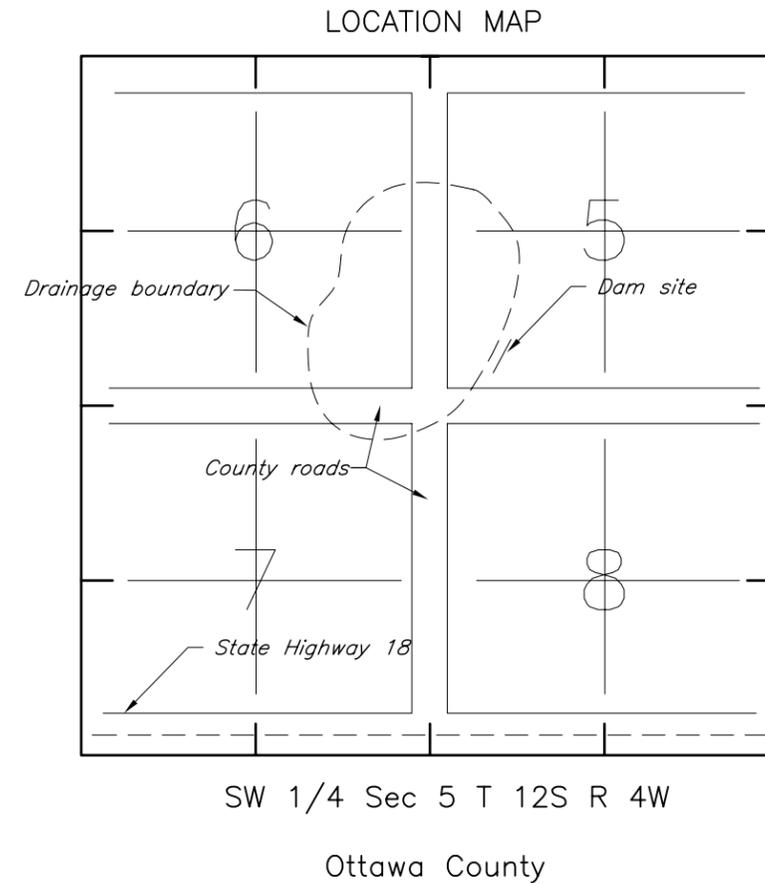
Location SW 1/4 Sec 5 T 12S R 4W

County Ottawa

Latitude 39° 1' 50" Longitude 97° 47' 53"

TABLE OF QUANTITIES

Item	Unit	Quantity	Installed Quantity
Embankment	cu. yards	7,355	
Excavation: Cutoff trench	cu. yards	920	
Auxiliary spillway	cu. yards	1,260	
12" diameter, 16 gauge, canopy inlet	each	1	
Corr. steel pipe, 12" dia., 16 gauge	linear feet	72	
Steel anti-seep collars, 60' x 60', 16 gauge	each	2	
Trash rack	each	1	
Watertight coupling bands	each	3	



Drainage Area (acres) = 210
Soil Cover Complex Number = 80

RESERVOIR CAPACITY TABLE

Elevation	Area (acres)	Storage (acre-feet)	Total Storage (acre-feet)	Outflow (cfs)
42.0	0.0	0.0	0.0	
47	0.6	1.5	1.5	
51	3.7	8.6	10.1	
PSW Inlet	51.5	4.3	12.1	0
ASW	54	7.5	26.9	5.9
	55	8.9	35.1	
Max. Routed El.	56.5	11.5	50.4	307
	57	12.3	56.4	
TOD	57.5	13.0	62.7	

INDEX TO DRAWINGS

Sheet No.	Description
1	Table of Quantities
2	Dam Profile and X-Sec.
3	Anti-Seep Collars
4	Pipe Support

Approved by _____ Date _____

I certify that the plans and detailed specifications for this project were developed in accordance with the policies and procedures of the Natural Resources Conservation Service.

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

