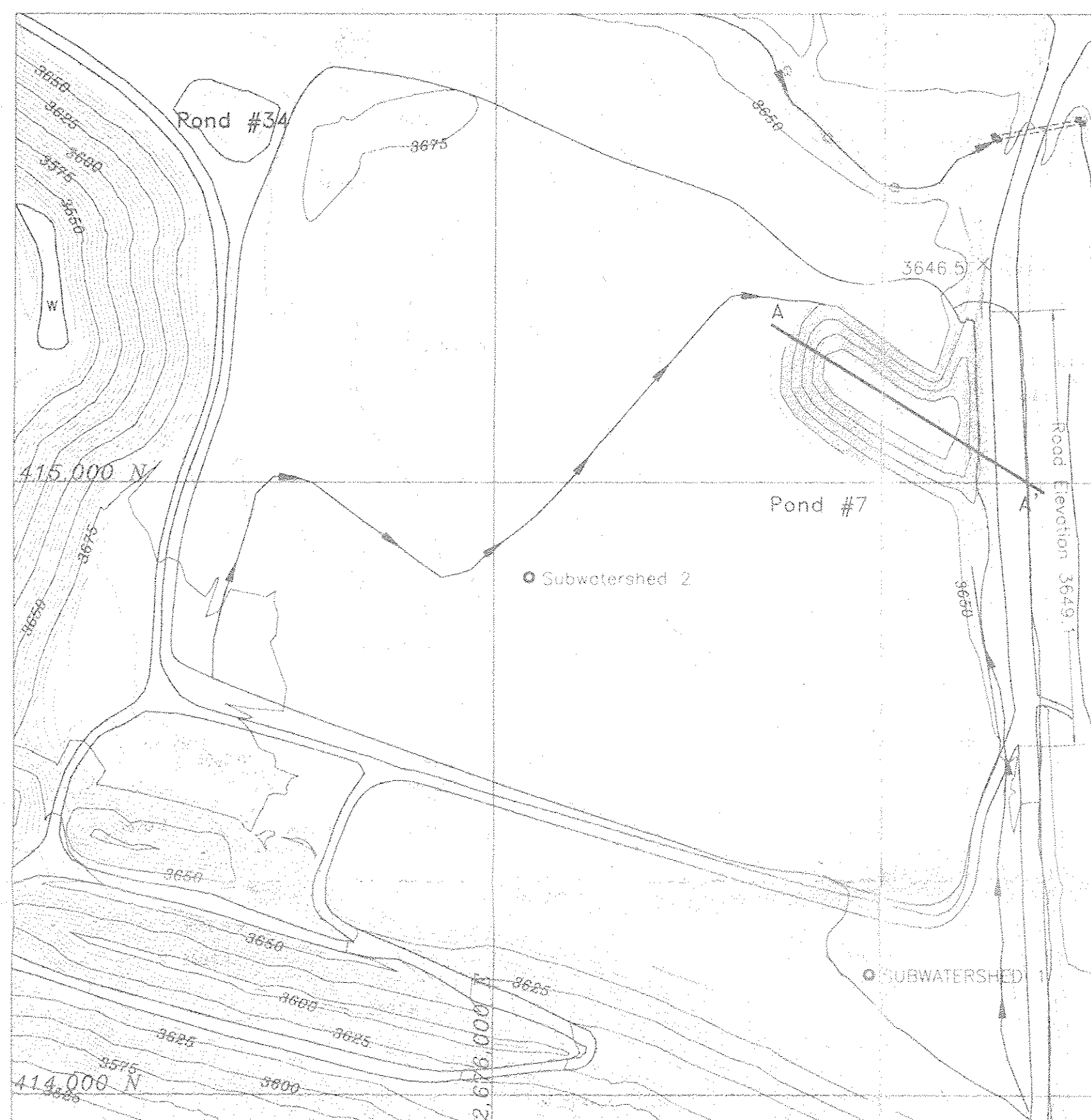




N Scale: 1" = 200'

POND #7 CAPACITY TABLE						
Elev. ft. amsl	Stage feet	Area Acres	Average Acre Feet	Incre. Capacity ac.-ft.	Cumm. Capacity ac.-ft.	Volume Usage
3632.43						
3633.00	0.57	0.077				
3634.00	1.57	0.290	0.184	0.289	0.289	
3635.00	2.57	0.408	0.349	0.349	0.638	
3636.00	3.57	0.482	0.445	0.445	1.083	
3637.00	4.57	0.541	0.515	0.515	1.595	
3638.00	5.57	0.604	0.573	0.573	2.168	
3639.00	6.57	0.668	0.636	0.636	2.804	
3640.00	7.57	0.739	0.704	0.704	3.508	
3641.00	8.57	0.811	0.775	0.775	4.283	
3642.00	9.57	0.886	0.849	0.849	5.132	
3642.21	9.78	0.903	0.895	0.190	5.321	
3643.00	10.57	0.963	0.925	0.925	6.056	
3644.00	11.57	1.048	1.006	1.006	7.062	
3645.00	12.57	1.139	1.094	1.094	8.156	
3646.00	13.57	1.237	1.188	1.188	9.344	
3646.50	14.07	1.287	1.262	0.631	9.975	

AREA RUNOFF ESTIMATES

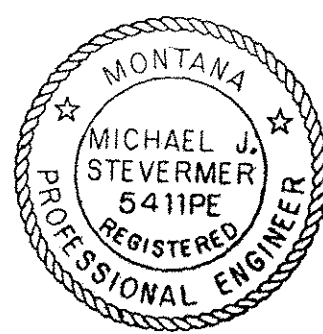
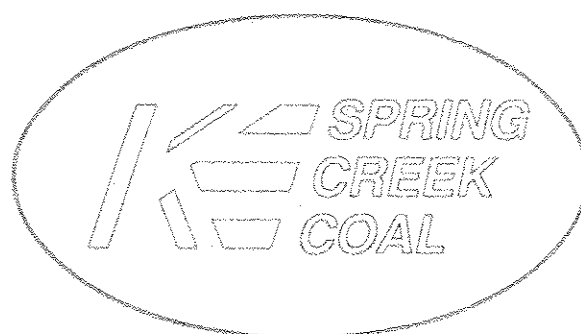
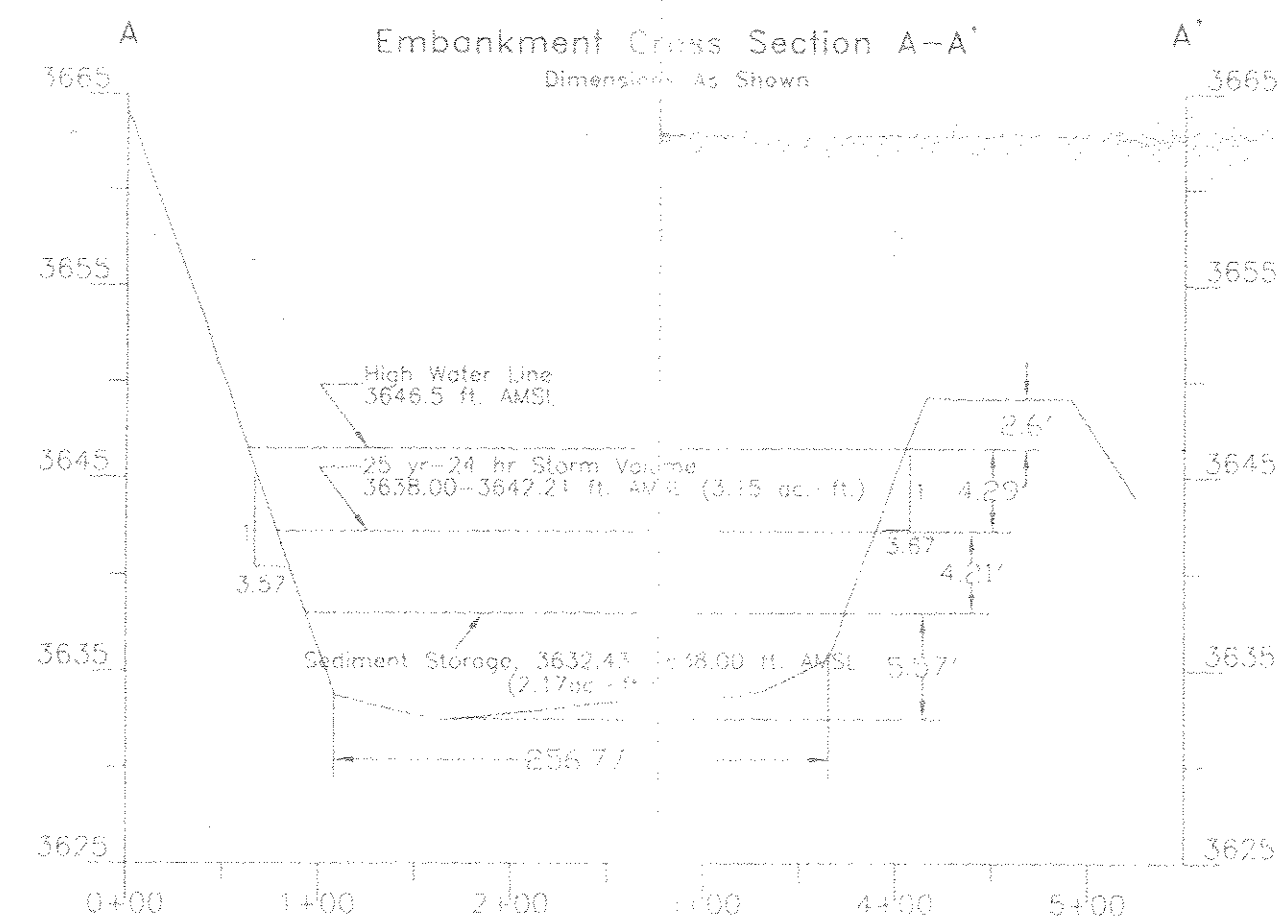
Precipitation = 2.75 inches
 Rainfall Distribution = SCS Type II
 Rainfall Duration = 24 hours
 Recurrence Interval = 25 years
 Runoff Volume = 3.15 acre-ft.
 Peak Discharge = 27.92 cfs.
 Min. Sed. Storage = (0.035 acre-ft./acre)
 = 1.13 acre-ft.
 Sed. Storage Capacity = 2.17 acre-ft.

Total Pond Volume = 5.32 acre-ft.

DRAINAGE DATA

Subwatershed 1 = Haul Rd./Access Rd.
 Area = 3.43 Acres
 Hydraulic Length = 920.0 ft.
 Relief = 20.0 ft.
 AMC = II
 RCN = 89
 Vegetation = None

Subwatershed 2 = Reclaimed Area
 Area = 28.49 Acres
 Hydraulic Length = 1,450 ft.
 Relief = 31.0 ft.
 AMC = II
 RCN = 81
 Vegetation = Reclamation Grass Mix



I, the undersigned, hereby certify that this map is correct and shows to the best of my knowledge and belief all the information required by the mining laws of this state.

Michael J. Stevermer 11/6/96
 Michael J. Stevermer, P.E. No. 5411PE

Spring Creek Coal Company
 P.O. BOX 67
 Decker, Montana 59025
 Ph. (406) 757-2581

DATE	REVISIONS
12/96	Update Cross-Section A-A' capacity values
1/96	Update Cross-Section A-A' excess capacity

SPRING CREEK COAL COMPANY

Pond #7
 As-Built

DESIGN: BI DRAWN: PJW DATE: 9/23/96
 SCALE: AS SHOWN FILE NUMBER: H-9602-C