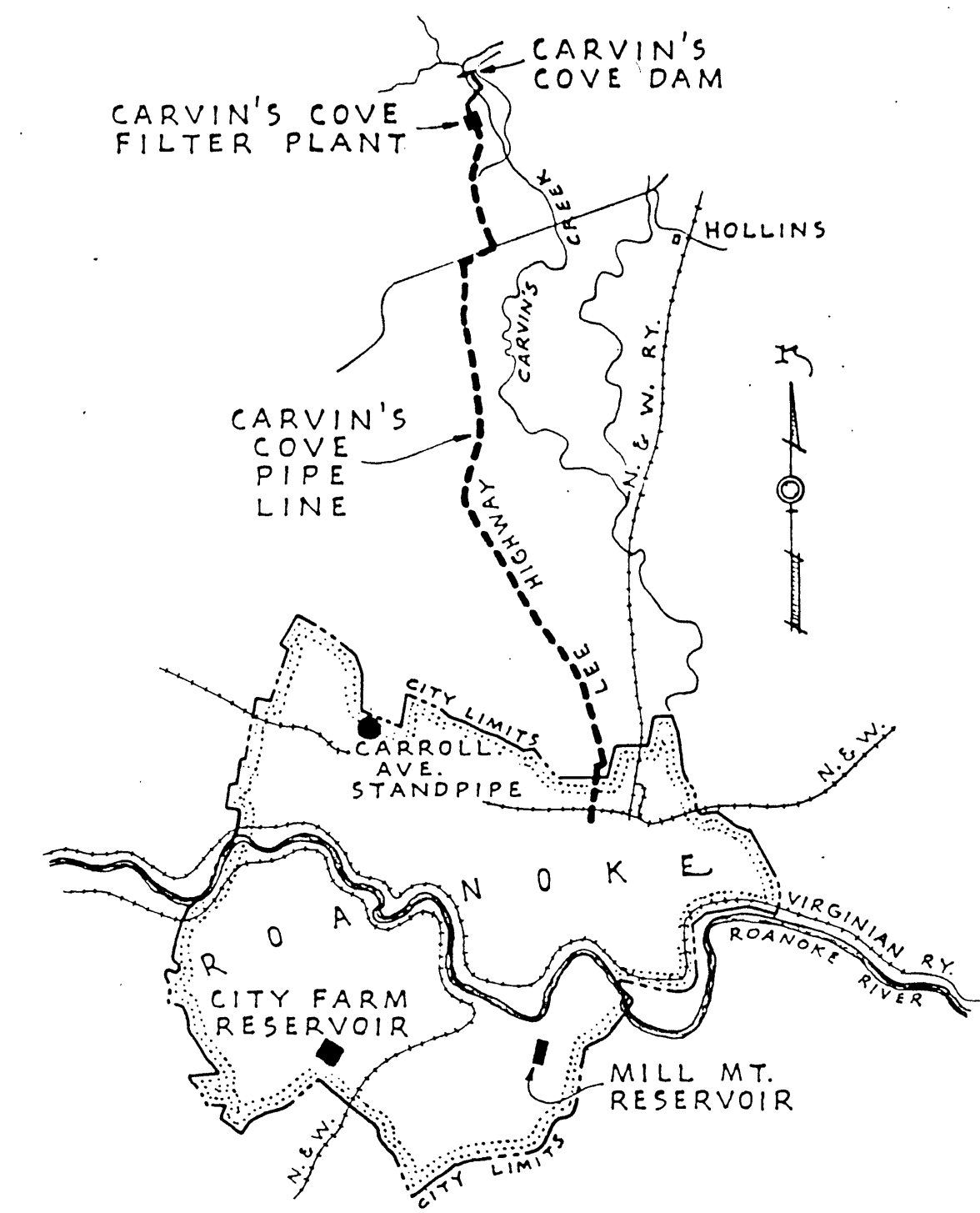
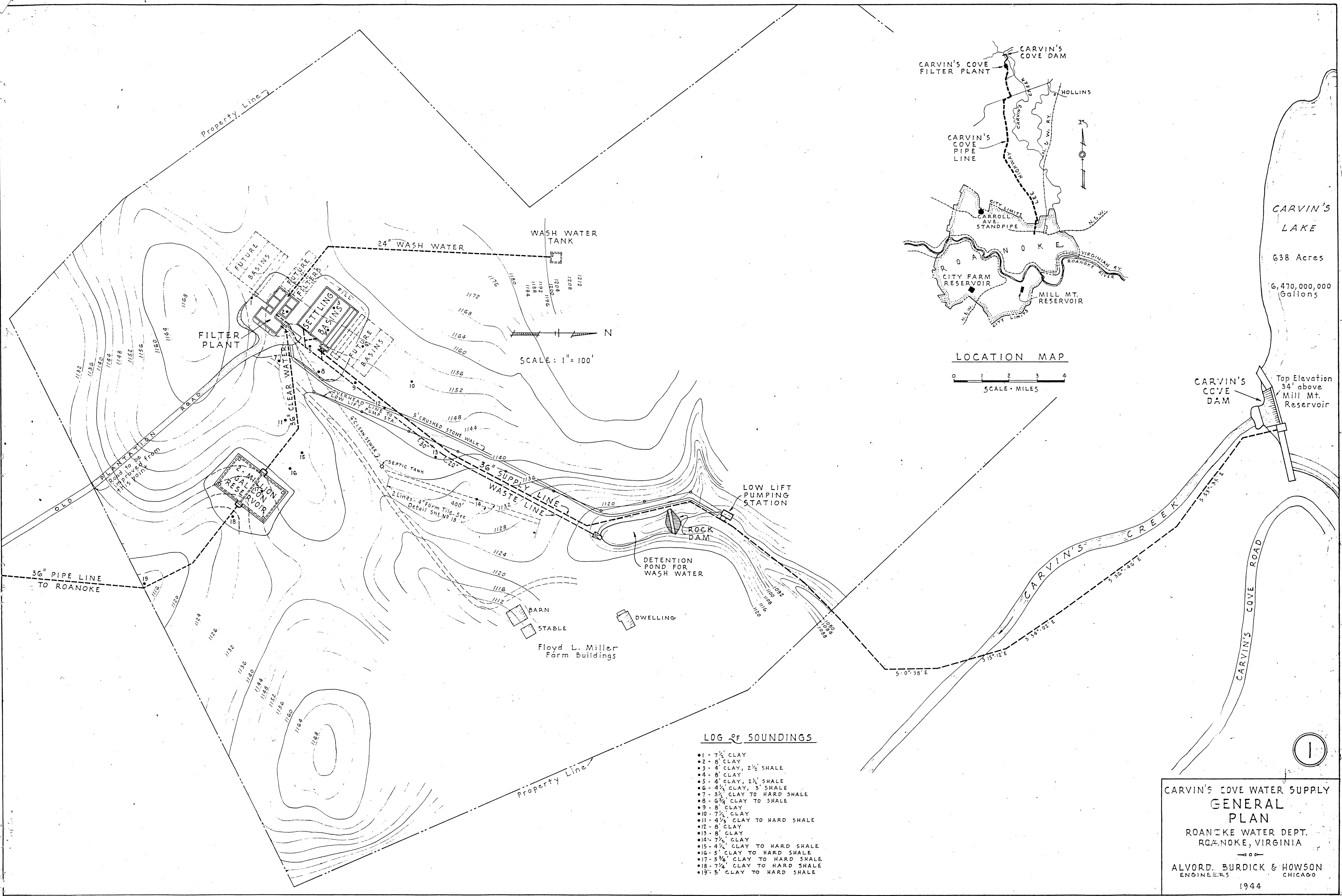
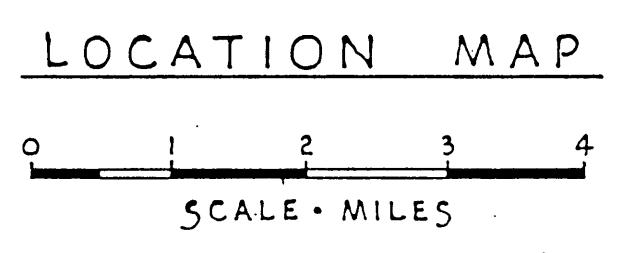




CARVIN'S LAKE  
638 Acres  
6,470,000,000 Gallons



CARVIN'S COVE DAM  
Top Elevation 34' above Mill Mt. Reservoir

LOG OF SOUNDINGS

- 1 - 7' CLAY
- 2 - 8' CLAY
- 3 - 4' CLAY, 2 1/2' SHALE
- 4 - 8' CLAY
- 5 - 4' CLAY, 2 1/2' SHALE
- 6 - 4 1/2' CLAY, 3' SHALE
- 7 - 3 1/2' CLAY TO HARD SHALE
- 8 - 6 3/4' CLAY TO SHALE
- 9 - 8' CLAY
- 10 - 7 1/2' CLAY
- 11 - 4 1/2' CLAY TO HARD SHALE
- 12 - 8' CLAY
- 13 - 8' CLAY
- 14 - 7 1/2' CLAY
- 15 - 4 1/2' CLAY TO HARD SHALE
- 16 - 5' CLAY TO HARD SHALE
- 17 - 5 3/4' CLAY TO HARD SHALE
- 18 - 7 1/4' CLAY TO HARD SHALE
- 19 - 5' CLAY TO HARD SHALE

CARVIN'S COVE WATER SUPPLY  
GENERAL PLAN  
ROANOKE WATER DEPT.  
ROANOKE, VIRGINIA

ALVORD, BURDICK & HOWSON  
ENGINEERS CHICAGO

1944