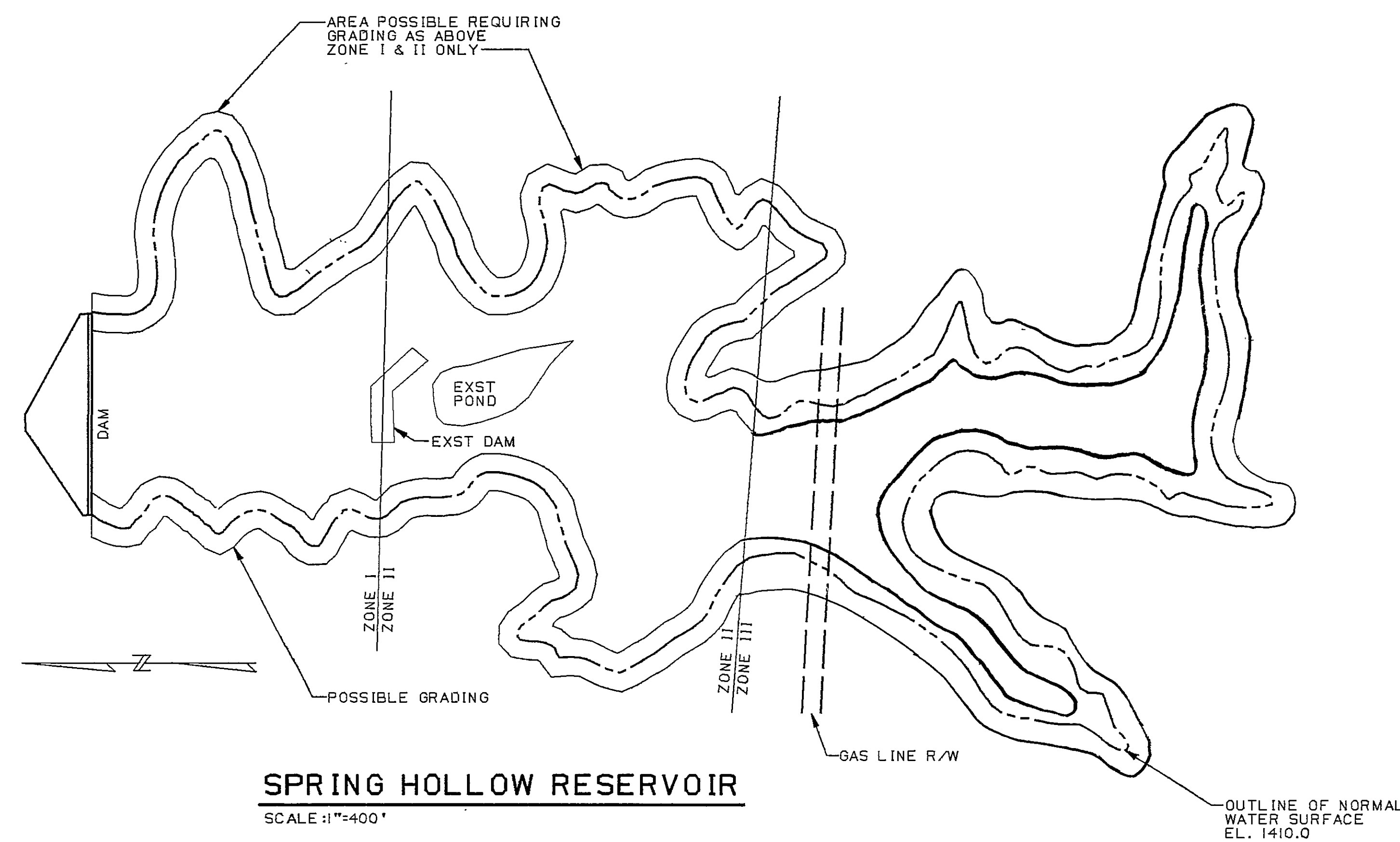


**TYPICAL GRADING SECTIONS**  
NOT TO SCALE

**NOTES FOR RESERVOIR CLEARING AND GRUBBING PLAN**

1. THE ENTIRE RESERVOIR AREA TO BE FLOODED SHALL BE CLEARED ACCORDING TO SPECIFICATIONS.
2. CLEARING AND GRUBBING OF RESERVOIR AREA SHALL BE LIMITED INITIALLY TO ONLY PROVIDE ACCESS FOR CONSTRUCTION OF DAM, INTAKE TOWER, OUTLET WORKS, AND PUMP STATION. ENTIRE RESERVOIR AREA BELOW EL 1415 SHALL NOT BE CLEARED OR GRUBBED UNTIL DAM AND INTAKE TOWER ARE AVAILABLE TO CONTROL RUNOFF.
3. NOT USED.
4. CLEARING AS SPECIFIED SHALL BE PERFORMED IN THE RESERVOIR FLOODED AREA ELEVATION 1415 & BELOW.
5. SLOPES 20' ABOVE OR BELOW THE NORMAL POOL, THAT IN THE OPINION OF THE ENGINEER COULD SLOUGH, SHALL BE REGRADED AS SHOWN ABOVE ON TYPICAL GRADING SECTIONS. THIS IS LIMITED TO ZONES I & II.
6. The grout access road shall be an earthen road cut into the hill sides at elevation 1415 extending from one dam abutment following the shoreline around the reservoir to the opposite abutment. Each end of grout access road shall extend to the dam crest at elevation 1423. The width of this road shall be 12'-0" minimum and shall be maintained for construction purposes, grouting, and project inspection during the project. It shall remain in usable condition through completion of the work. Cleared and grubbed material shall not be used to support road fill. Trees and other materials occurring in areas of slope cuts shall be cleared as specified. At completion of the work, erodible portions of the road shall be seeded.
7. Zone III shall be the area south of a line 300 feet north of and parallel to the existing gas line.

BUT NOT LESS THAN REQD FOR CONSTRUCTION OPERATIONS.



**SPRING HOLLOW RESERVOIR**  
SCALE 1"=400'

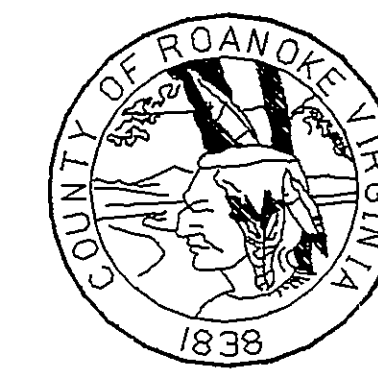
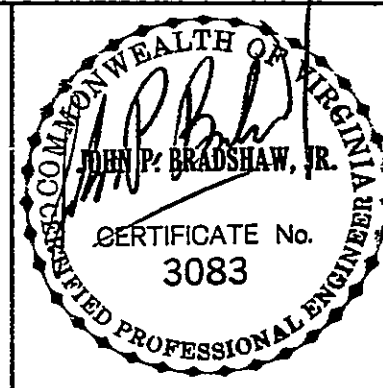
**RECORD DRAWINGS**  
THESE DRAWINGS RECORDED ON THE BASIS OF INFORMATION FURNISHED BY THE CONTRACTOR OR SPECIFICALLY KNOWN TO HSM. NO OTHER REPRESENTATIONS ARE MADE OR IMPLIED  
Date: 6-5-95

DESIGNED	MSD	DATE	8/4/91	REVISIONS					
DRAWN	JKB	DATE	8/7/91	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
CHECKED	TBK	DATE	8/4/91	8-5-94	BA	PER CONTR RECORD DWG			
APPROVED	GAP	DATE	8/4/91	6-5-95	JBH	ISSUED TO VA. DAM SAFETY			
ISSUED	JPB/ji	DATE	8/2/91	3-31-97	RWF	RECORD DRAWING			

STATE OF MISSISSIPPI  
DIVISION OF REVENUE  
REGISTERED PROFESSIONAL ENGINEER

MSD  
JKB  
TJB  
GAP  
JPB/ji

CERTIFICATE No.  
3083



**SPRING HOLLOW RESERVOIR**  
**ROANOKE COUNTY, VIRGINIA**  
**HAYES, SEAY, MATTERN & MATTERN, INC.**  
ARCHITECTS - ENGINEERS - PLANNERS  
ROANOKE, VIRGINIA

**CIVIL**  
**RESERVOIR DEVELOPMENT DETAILS**

SCALE	DATE	COMM	SHEET	DWG
AS NOTED	8/4/91	4194E	C-3	5