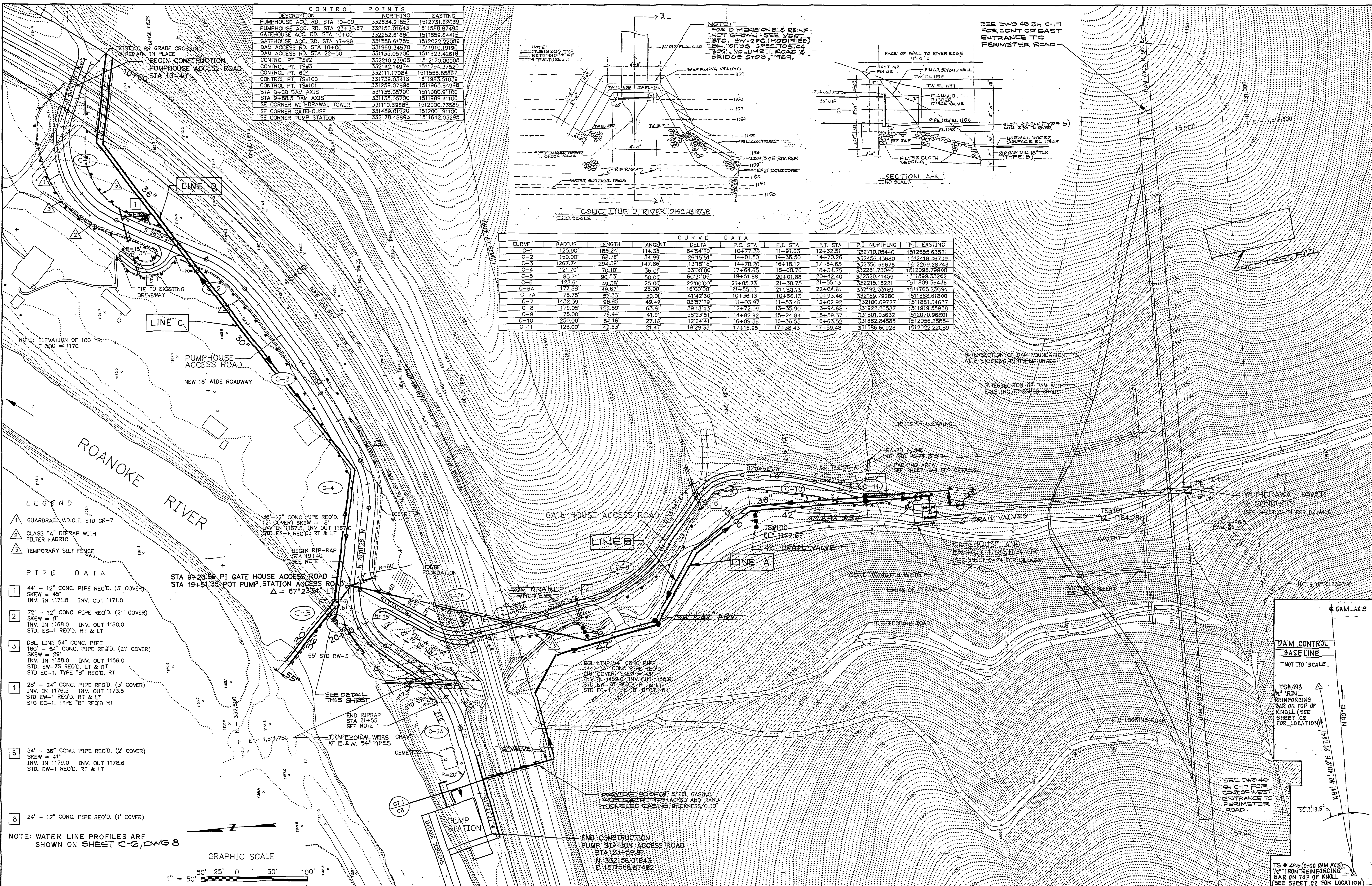




CONTROL POINTS		
DESCRIPTION	NORTHING	EASTING
PUMPHOUSE ACC. RD. STA 10+00	332634.21857	1512731.62069
PUMPHOUSE ACC. RD. STA 23+56.67	332156.01643	151588.87482
GATEHOUSE ACC. RD. STA 10+00	332252.61680	1511859.64415
GATEHOUSE ACC. RD. STA 17+88	331556.61755	1512022.22089
DAM ACCESS RD. STA 10+00	331969.34570	1511910.19190
DAM ACCESS RD. STA 22+50	331135.05700	1511623.42618
CONTROL PT. TS#2	332210.23568	1512170.00008
CONTROL PT. TS#3	33242.14974	1511764.37520
CONTROL PT. 604	332111.17084	1511555.55867
CONTROL PT. TS#100	331739.03418	1511983.51039
CONTROL PT. TS#101	331259.07898	1511965.84998
STA 0+00 DAM AXIS	331135.05700	1511000.91100
STA 9+88.5 DAM AXIS	331135.05700	1511989.41100
SE CORNER WITHDRAWAL TOWER	331110.69889	1512000.73865
SE CORNER GATEHOUSE	331489.01220	1512001.91100
SE CORNER PUMP STATION	332178.48893	1511642.03295

CURVE DATA									
CURVE	RADIUS	LENGTH	TANGENT	DELTA	P.C. STA	P.T. STA	P.I. NORTHING	P.I. EASTING	
C-1	125.00	185.24	114.35	84°54'20"	10+77.28	11+91.63	332710.05440	1512555.63521	
C-2	150.00	68.76	34.99	26°15'51"	14+01.50	14+36.50	332456.43680	1512418.46703	
C-3	1267.74	294.39	147.86	13°18'18"	14+70.26	17+64.65	332350.69676	1512269.28743	
C-4	121.70	70.10	35.05	33°00'00"	17+64.65	18+00.70	332281.73040	1512098.79900	
C-5	65.71	90.53	50.00	60°31'05"	19+51.88	20+42.40	332320.41459	1511899.33802	
C-6	128.61	49.38	25.00	22°00'00"	21+50.75	21+85.13	332215.15221	1511809.56436	
C-6A	177.88	49.67	25.00	16°00'00"	21+55.13	21+80.13	332192.03189	1511765.23094	
C-7A	78.75	57.33	30.00	41°42'30"	10+36.13	10+93.46	332189.79280	1511868.61800	
C-7	1432.39	98.95	49.45	03°57'29"	11+03.97	11+53.46	332100.69727	1511881.34637	
C-8	178.05	129.59	63.81	39°13'43"	12+72.00	13+35.90	331922.76587	1511919.55938	
C-9	75.00	76.44	41.91	58°23'51"	14+82.92	15+24.84	331801.03632	1512070.95801	
C-10	250.00	54.16	27.18	12°24'41"	16+09.36	16+36.55	331682.84885	1512056.26684	
C-11	125.00	42.53	21.47	19°29'33"	17+16.95	17+38.43	331586.60928	1512022.22089	

- LEGEND**
- GUARDRAIL V.D.O.T. STD GR-7
 - CLASS "A" RIPRAP WITH FILTER FABRIC
 - TEMPORARY SILT FENCE
- PIPE DATA**
- 1 44" - 12" CONC. PIPE REQ'D. (3' COVER) SKEW = 45° INV. IN 1171.8 INV. OUT 1171.0
 - 2 72" - 12" CONC. PIPE REQ'D. (21' COVER) SKEW = 8° INV. IN 1168.0 INV. OUT 1160.0 STD. ES-1 REQ'D. RT & LT
 - 3 DBL. LINE 54" CONC. PIPE 160" - 54" CONC. PIPE REQ'D. (21' COVER) SKEW = 29° INV. IN 1158.0 INV. OUT 1156.0 STD. EW-75 REQ'D. LT & RT STD. EC-1, TYPE "B" REQ'D. RT
 - 4 28" - 24" CONC. PIPE REQ'D. (3' COVER) INV. IN 1176.5 INV. OUT 1173.5 STD. EW-1 REQ'D. RT & LT STD. EC-1, TYPE "B" REQ'D. RT
 - 6 34" - 36" CONC. PIPE REQ'D. (2' COVER) SKEW = 41° INV. IN 1179.0 INV. OUT 1178.6 STD. EW-1 REQ'D. RT & LT
 - 8 24" - 12" CONC. PIPE REQ'D. (1' COVER)

NOTE: WATER LINE PROFILES ARE SHOWN ON SHEET C-6, DWG 8

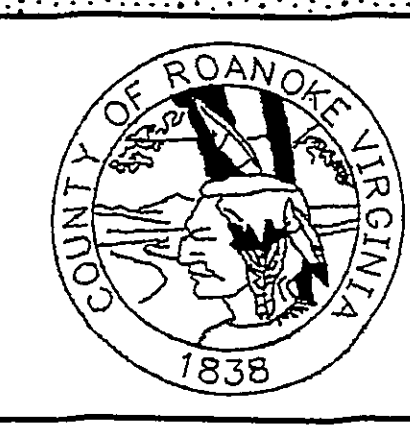
GRAPHIC SCALE
1" = 50'

DESIGNED	LSH	DATE	8/4/91
DRAWN	PPA	DATE	8/4/91
CHECKED	JWB, NED	DATE	8/4/91
APPROVED	JWB	DATE	8/21/91
ISSUED	JPB	DATE	8/21/91

DATE	BY	DESCRIPTION
8/15/91	BA	PER CONTR RECORD DWG
6/5/91	JWB	ISSUED TO VA DAM SAFETY
3/31/91	RWF	RECORD DRAWING

DATE	BY	DESCRIPTION

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



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

SCALE	DATE	COMM	SHEET	DWG
1" = 50'	20 APRIL 1992	4194E	C-4	6