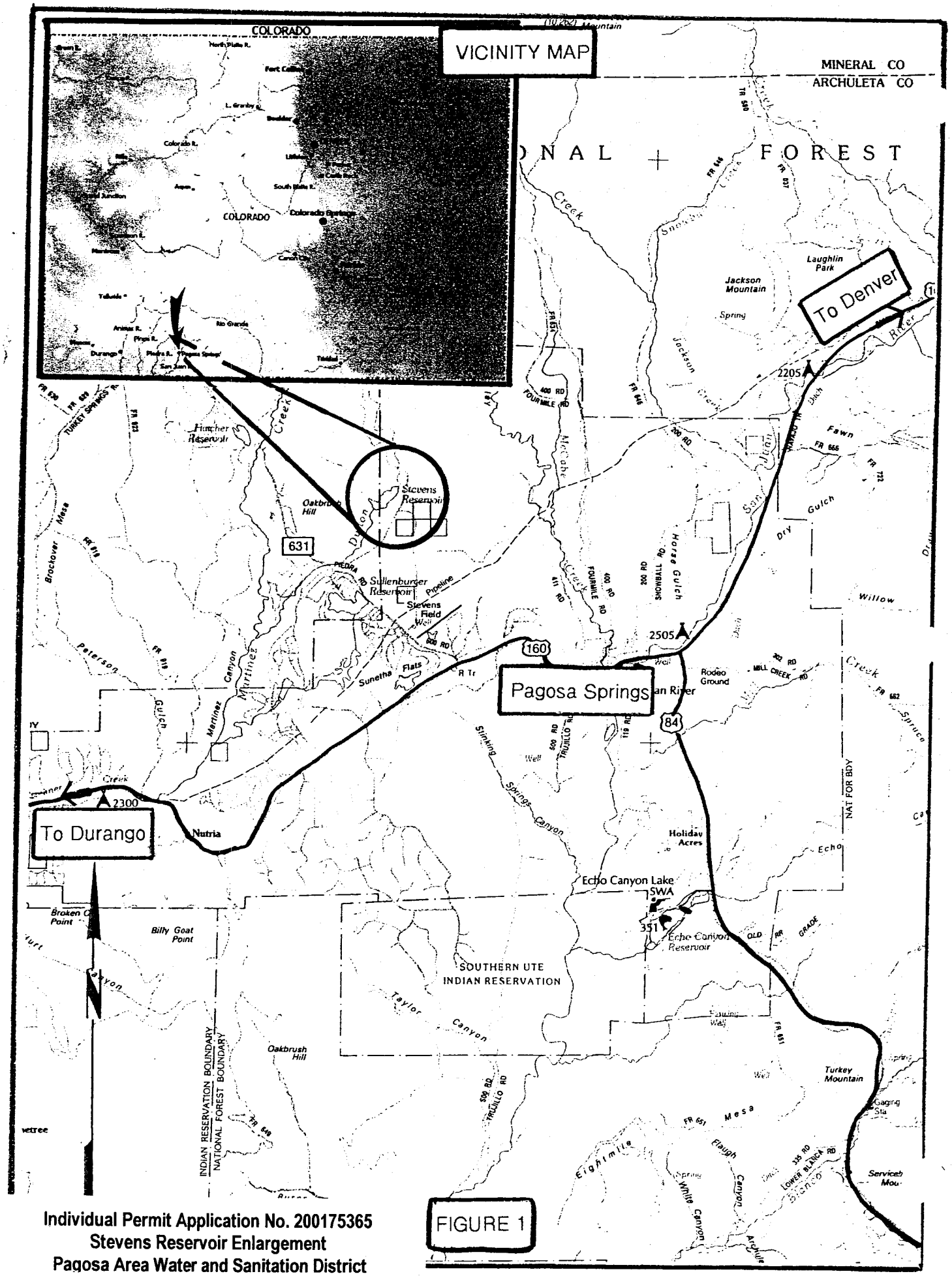
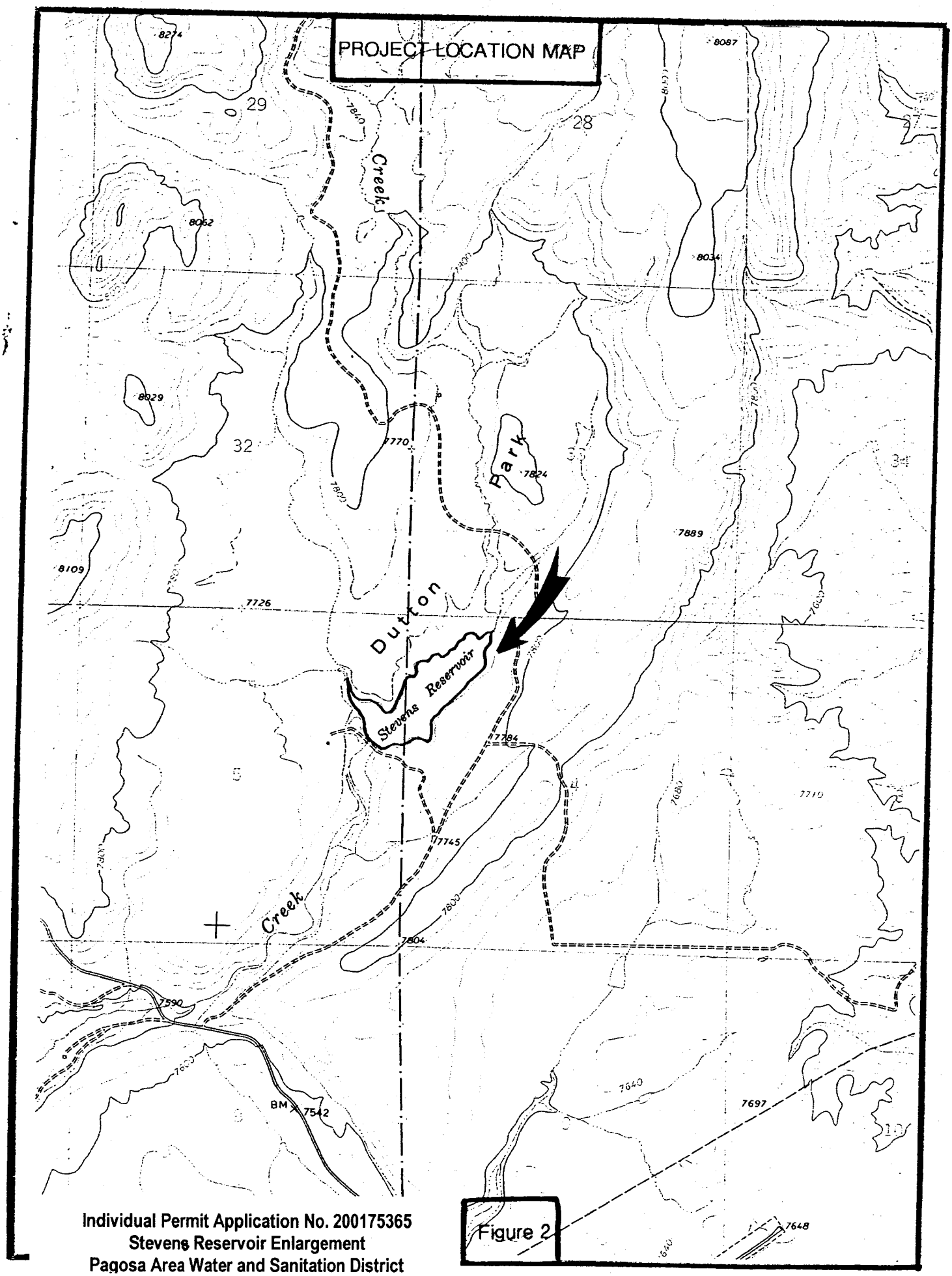


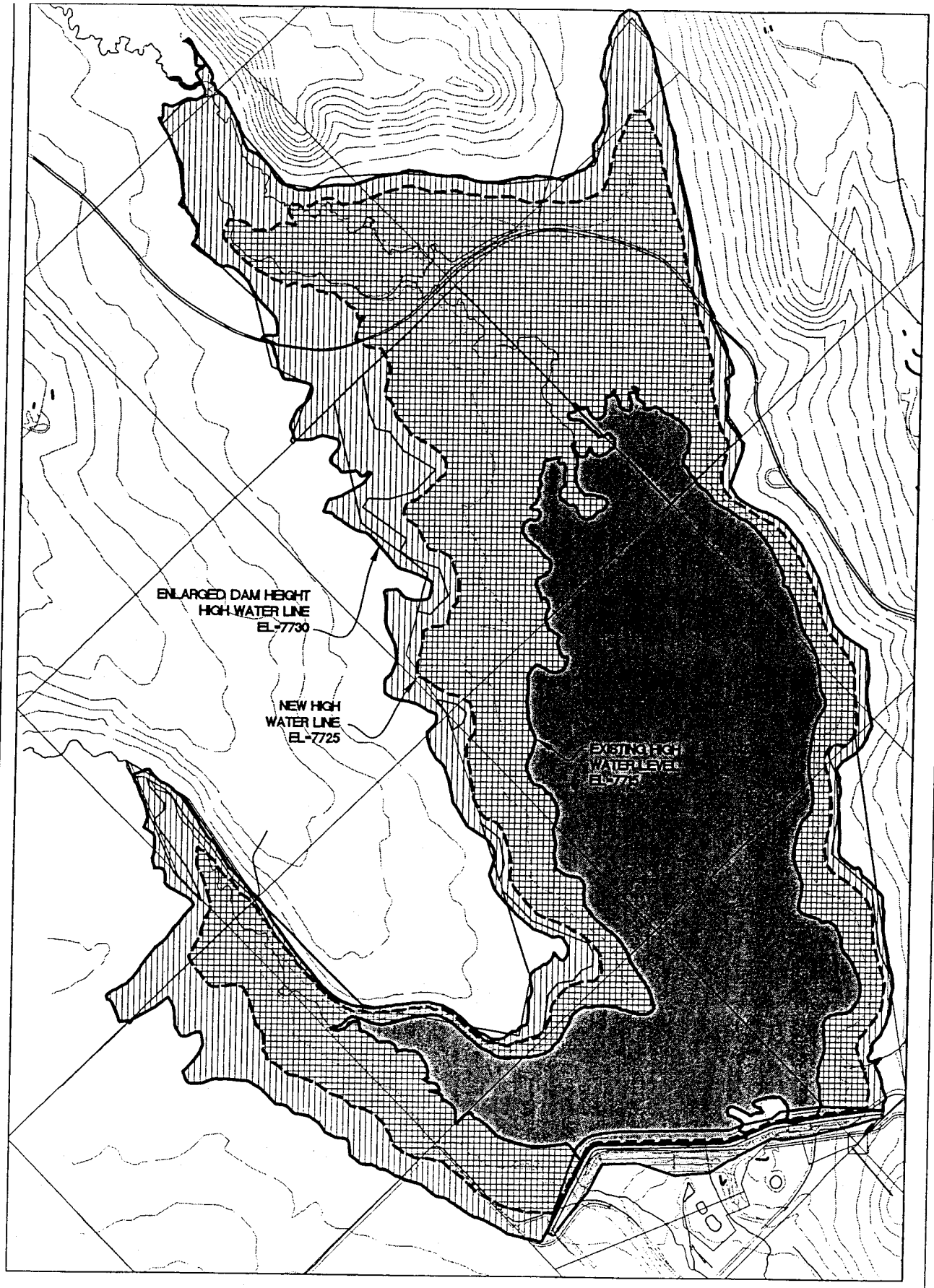
Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District

FIGURE 1



Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District

Figure 2



EXISTING AND PROPOSED RESERVOIR SURFACES

GRAPHIC SCALE

300 0 150 300 600

(IN FEET)
1 inch = 600 ft.

AREA OF EXISTING HIGH WATER
78 ACRES

AREA BETWEEN EXISTING AND NEW HIGH WATER LEVELS: 83.8 ACRES

AREA BETWEEN NEW HIGH WATER LEVEL AND ENLARGED DAM HEIGHT: 46.7 ACRES

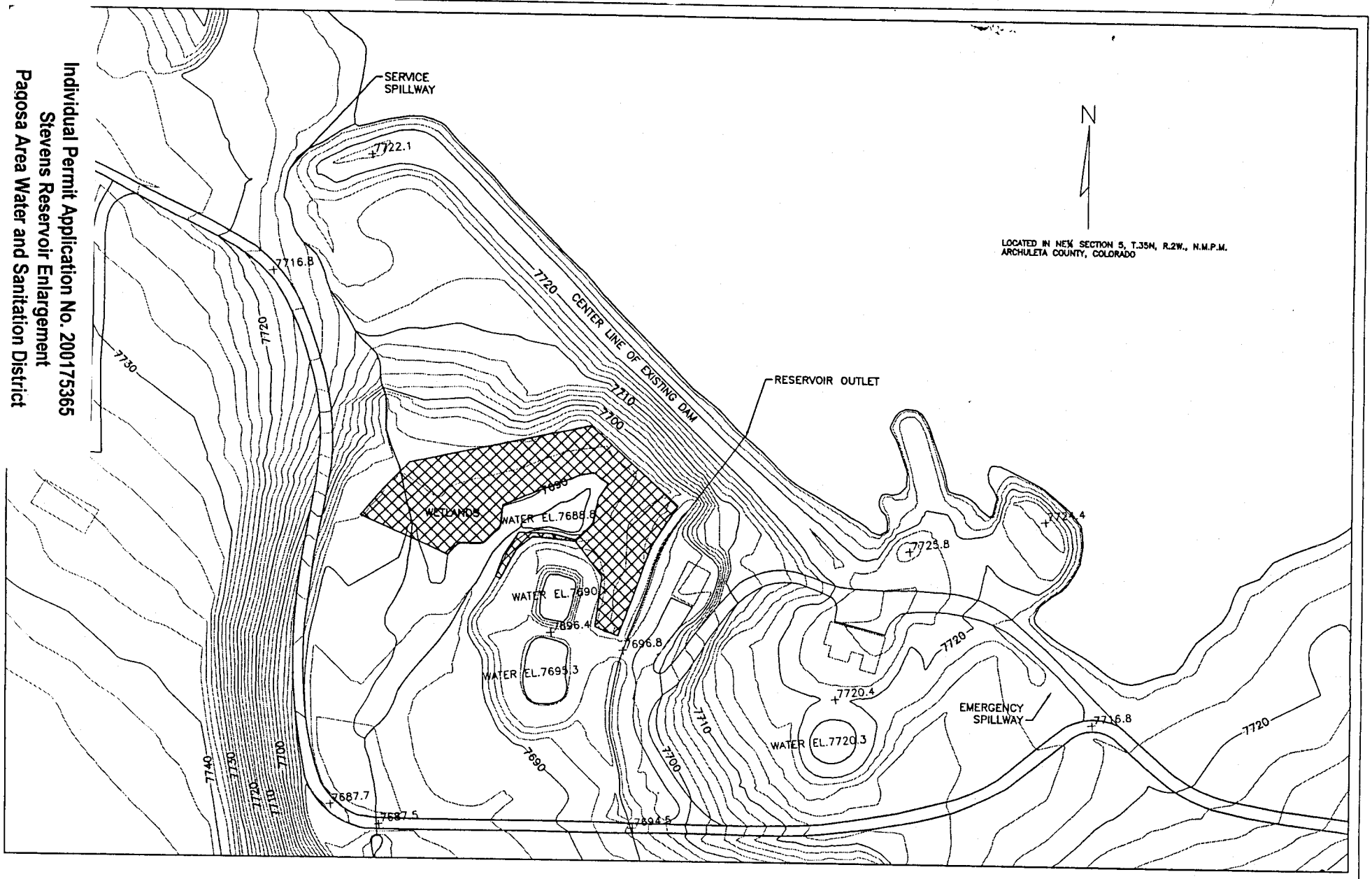
AQUA-HAB, INC.
(970) 259-2623

Figure 3

JUNE 9, 2003

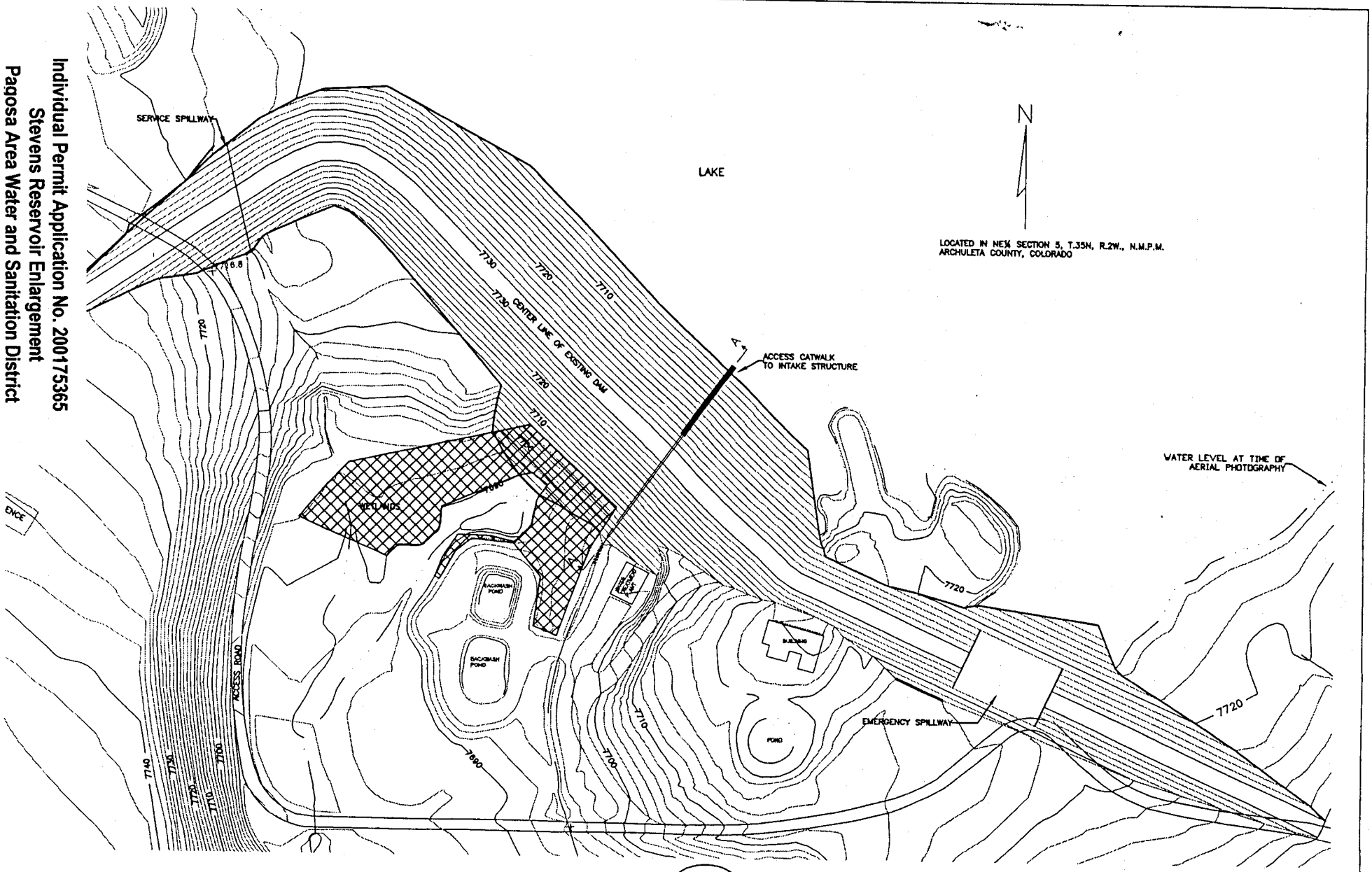
Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District

Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District



DAVIS ENGINEERING SERVICE, INC. 578 SPRUCE STREET, P.O. BOX 130 DEL NORTE, COLORADO 81132 PHONE: (719)657-3304 FAX: (719)657-0711				MAP OF STEVENS RESERVOIR EXISTING DAM		FIGURE 4
				DESIGNED JAD	THIS DRAWING IS THE PROPERTY OF DAVIS ENGINEERING SERVICE, INC., AND IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT WRITTEN APPROVAL OF DAVIS ENGINEERING SERVICE, INC.	SHEET NO. 1 OF 1
				DRAWN JAD		SCALE 1" = 150'
				CHECKED JAD	CLIENT PAGOSA AREA W. & SAN. DIST.	DATE 05/17/03
REV.	DATE	BY	APVD.	APPROVED JAD		PROJECT NO. E00949

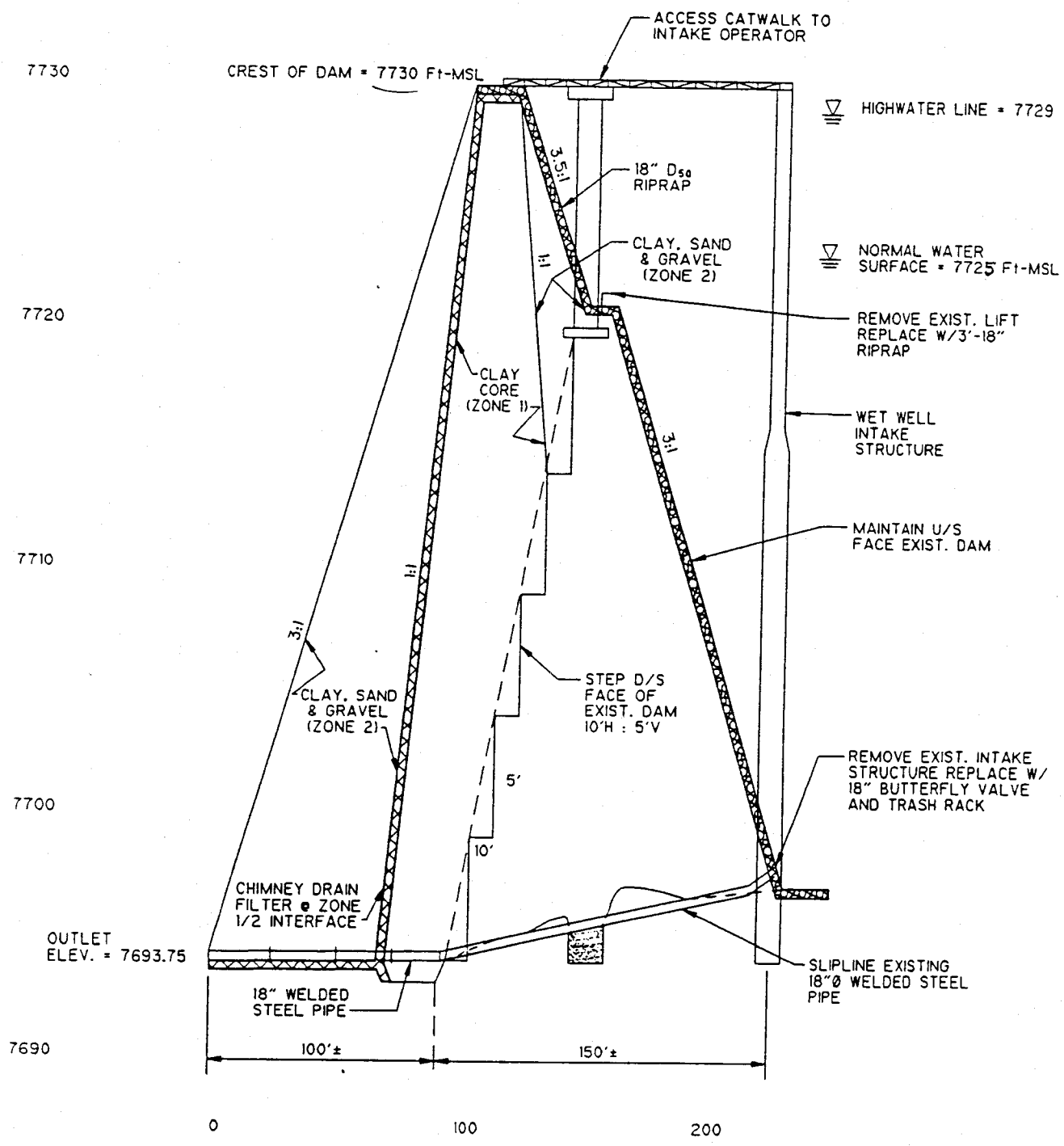
Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District



GENERAL AREA IF
NEW TREATMENT
PLANT CONSTRUCTED

Figure 5

DAVIS ENGINEERING SERVICE, INC. 576 SPRUCE STREET, P.O. BOX 130 DEL NORTE, COLORADO 81132 PHONE: (719)657-3304 FAX: (719)657-0711	MAP OF STEVENS RESERVOIR		
	PROPOSED DAM		FIGURE 5
DESIGNED JAD	THIS DRAWING IS THE PROPERTY OF DAVIS ENGINEERING SERVICE, INC., AND IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT WRITTEN APPROVAL OF DAVIS ENGINEERING SERVICE, INC.	SHEET NO. 1 OF 1	
DRAWN JAD		SCALE 1" = 150'	
CHECKED JAD	CLIENT PAGOSA AREA W. & SAN DIST.	DATE 05/17/03	
APPROVED JAD		PROJECT NO. E00949	
REV. / DATE / BY / APVD.			

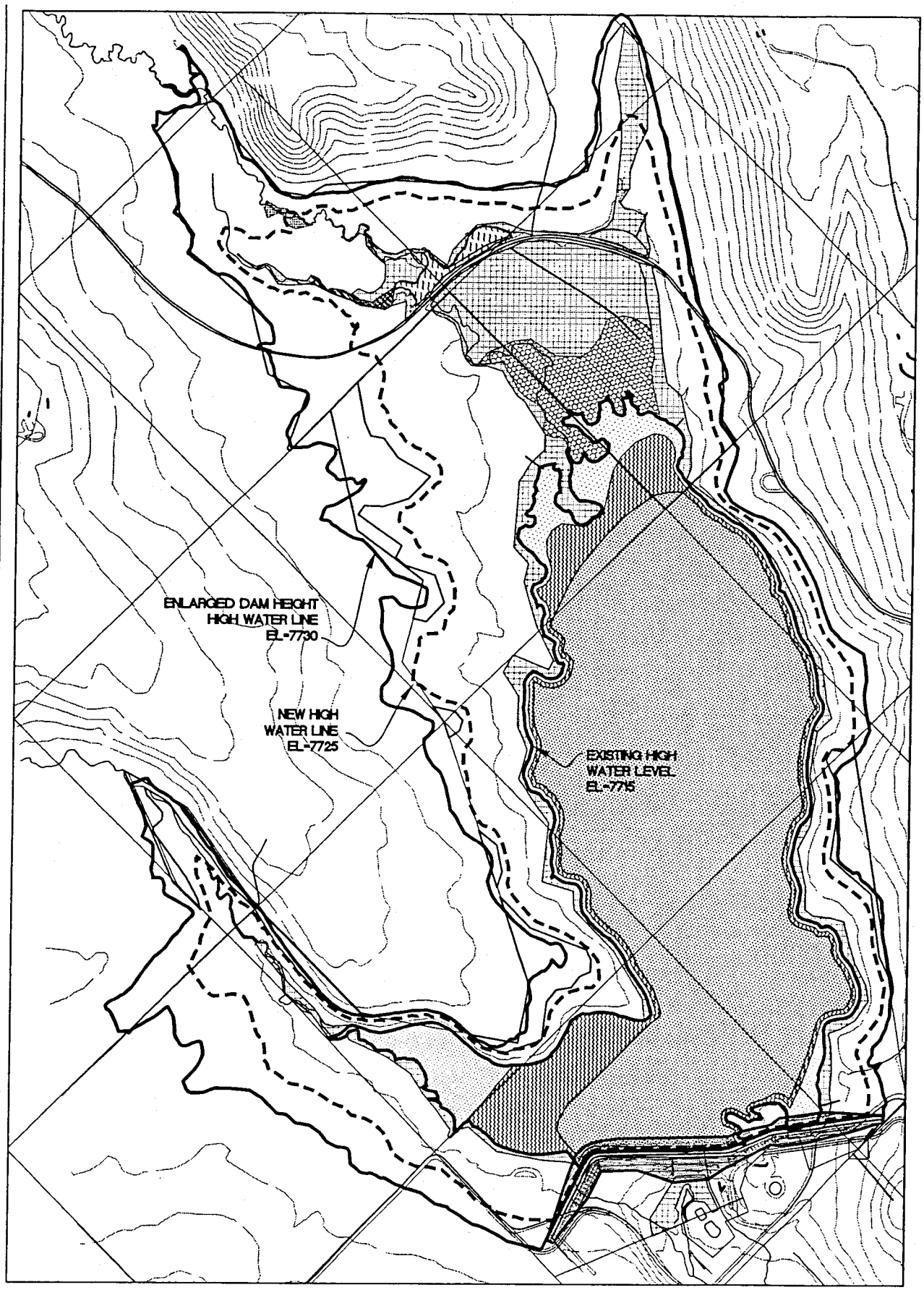


CDM

STEVENS LAKE DAM ENLARGEMENT
CROSS SECTION A-A

Figure 6

Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District



WETLAND DELINEATION MAP

GRAPHIC SCALE

300 0 150 300 600

(IN FEET)
1 inch = 600 ft.

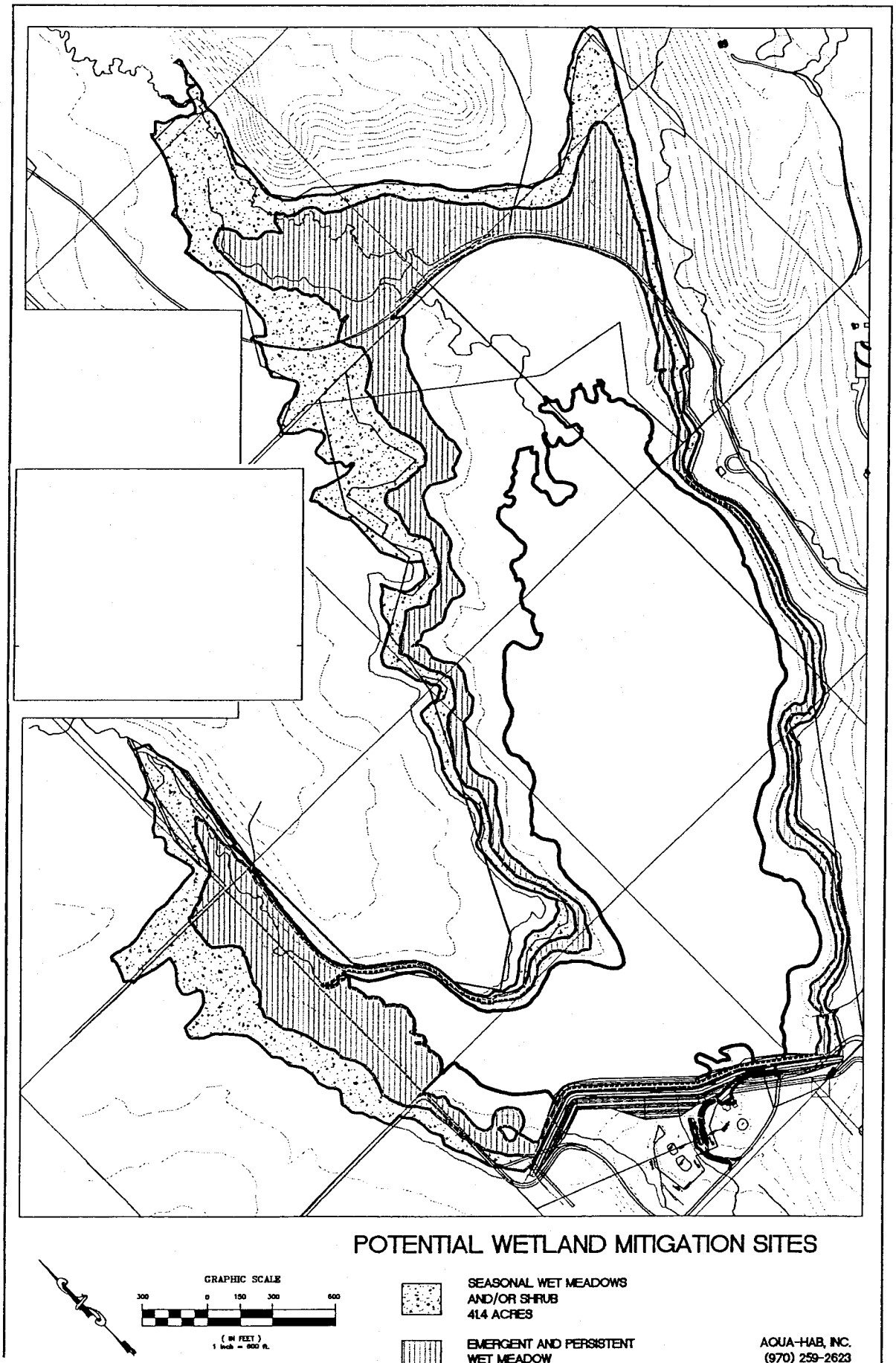
- SEASONAL WET MEADOW
- EMERGENT WETLAND
- PERSISTENT WET MEADOW
- POND
- EMERGENT AQUATIC
- AQUATIC BED
- WETLAND SHRUB
- PONDEROSA TREES
- EXISTING WATER SURFACE
- UPLANDS

AQUA-HAB, INC.
(970) 259-2623

Figure 7

JUNE 16, 2003

Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District



POTENTIAL WETLAND MITIGATION SITES

SEASONAL WET MEADOWS AND/OR SHRUB 41.4 ACRES

EMERGENT AND PERSISTENT WET MEADOW 39.4 ACRES

AQUA-HAB, INC.
(970) 259-2623

Figure 8

JUNE 11, 2003

Individual Permit Application No. 200175365
Stevens Reservoir Enlargement
Pagosa Area Water and Sanitation District