

memorandum

DATE: 18 NOV 1977

REPLY TO
ATTN OF: DICK THOMAS, U.S.G.S., SANTA FE, NM

SUBJECT: RITO DE LOS FRIOLES IN BANDOLIER NATIONAL MONUMENT

TO: KAREN NEWTON, U.S.P.S., BANDOLIER

ENCLOSED IS A LIST OF PEAKS ABOVE 1.00 FT IN
GAGE HEIGHT (APPROXIMATELY 10 FT³/S) THAT OCCURRED
DURING THE PERIOD JULY 5 TO OCT 6, 1977.
THE DISCHARGES ARE COMPUTED USING A VERY POORLY
DEFINED RATING CURVE AND SHOULD BE CONSIDERED
AS ESTIMATES ONLY.

AN APPROXIMATE BASE FLOW WAS ASCERTAINED FOR
THE MONTHS OF JULY AND AUGUST; NO BASE
FLOW WAS COMPUTED FOR SEPTEMBER, BECAUSE OF
THE VARIOUS AND UNCERTAIN BACKWATER CONDITIONS
THAT EXISTED DURING THIS PERIOD.

IF YOU NEED ANY EXPLANATION ON THIS
MATERIAL OR ~~IF~~ IF YOU NEED ANY ADDITIONAL
MATERIAL, LET ME KNOW AND I'LL DO
WHAT I CAN.

Dick Thomas

CC: FILES



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

RIO DE LOS PEYOTES IN CONDOLIER
ATIONAL MONUMENT, NM

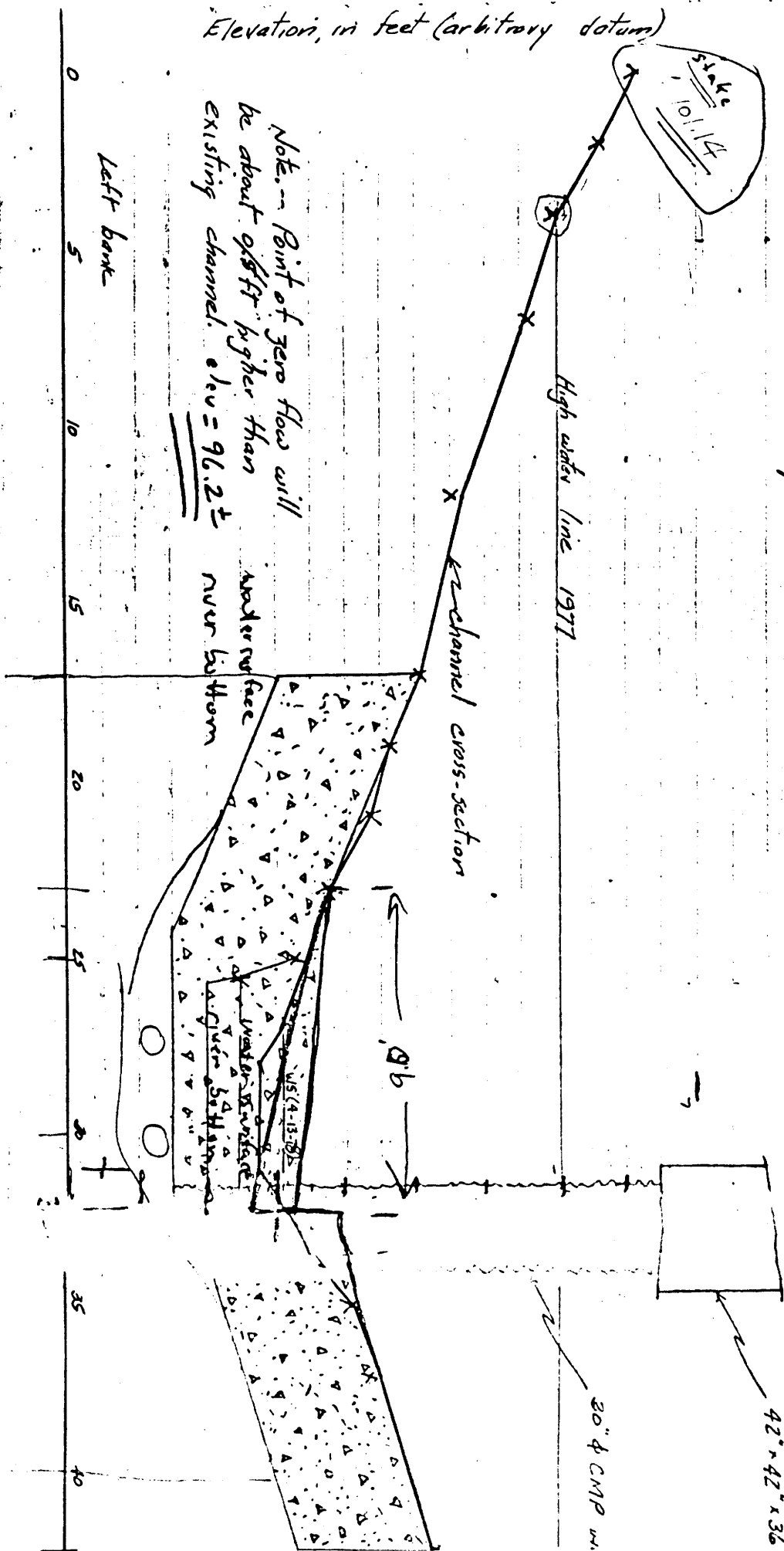
Peak stages and discharges

Dates assigned - KN -
for purposes of rehab
report. Peaks at left
were also included in
report w/ a notation
that they are only
estimates. - KN

* HIGHWATER MARKS NOT USED
≠ SURVEY DATA MEASUREMENTS

Rt. de las Trifles - Boulder National Monument
 Cross-section of proposed gorge site downstream
 from Monument Headquarters

File, Water Resources
 (USGS Gaging Sta.)



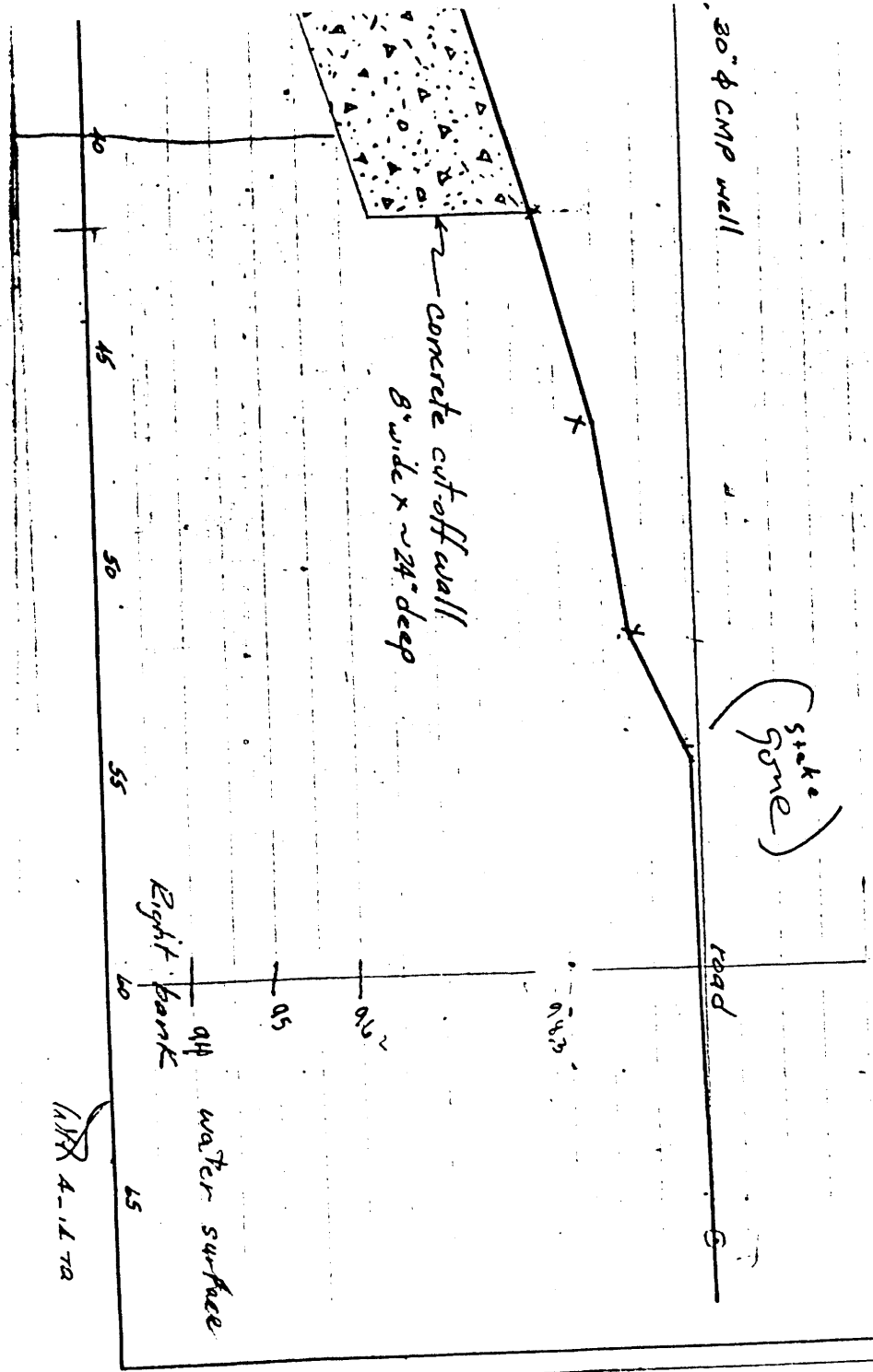
42"x42"x36" steel shelter

30" x 60" CMP well

(state gone)

road

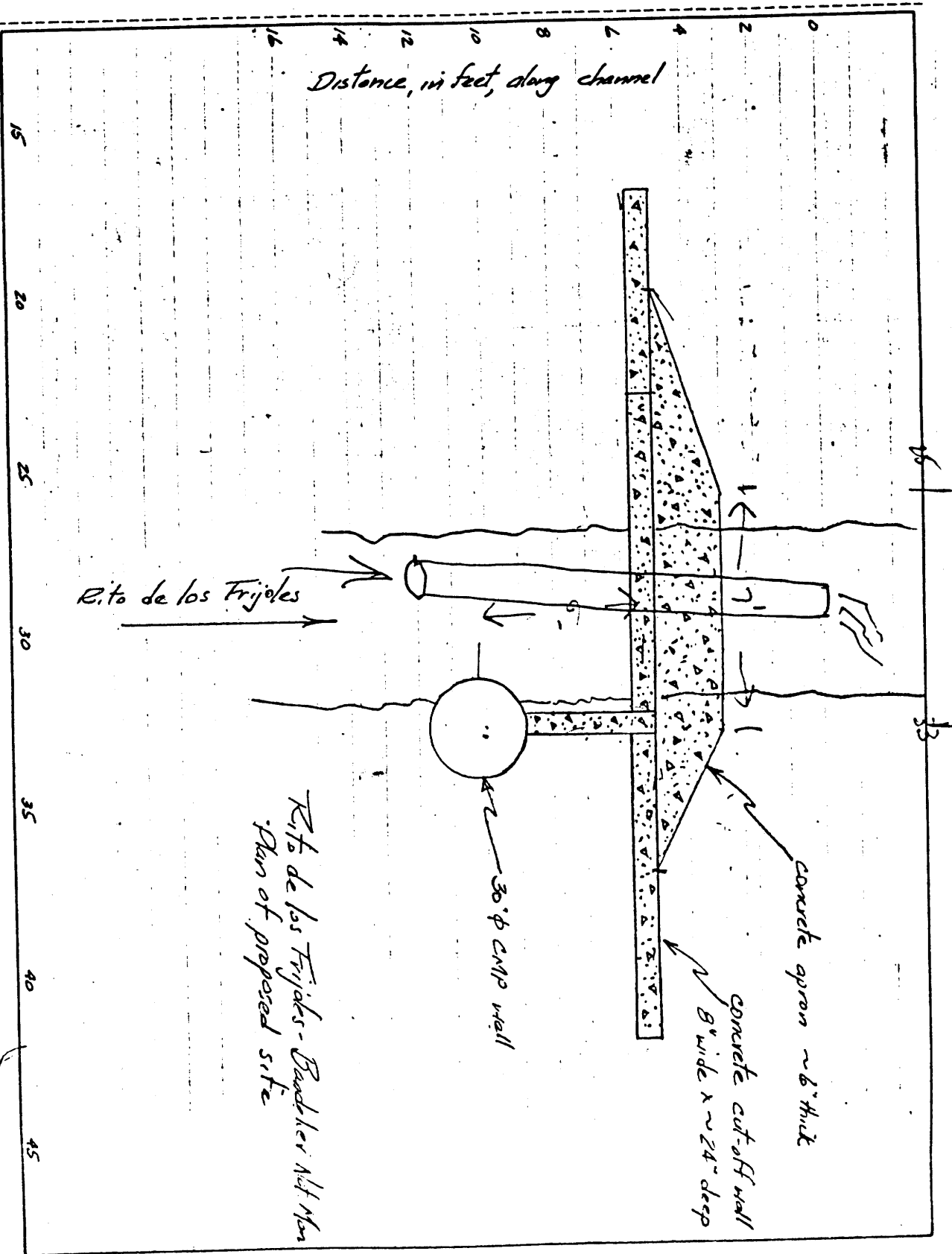
concrete cut-off wall
8' wide x ~24" deep



Right bank

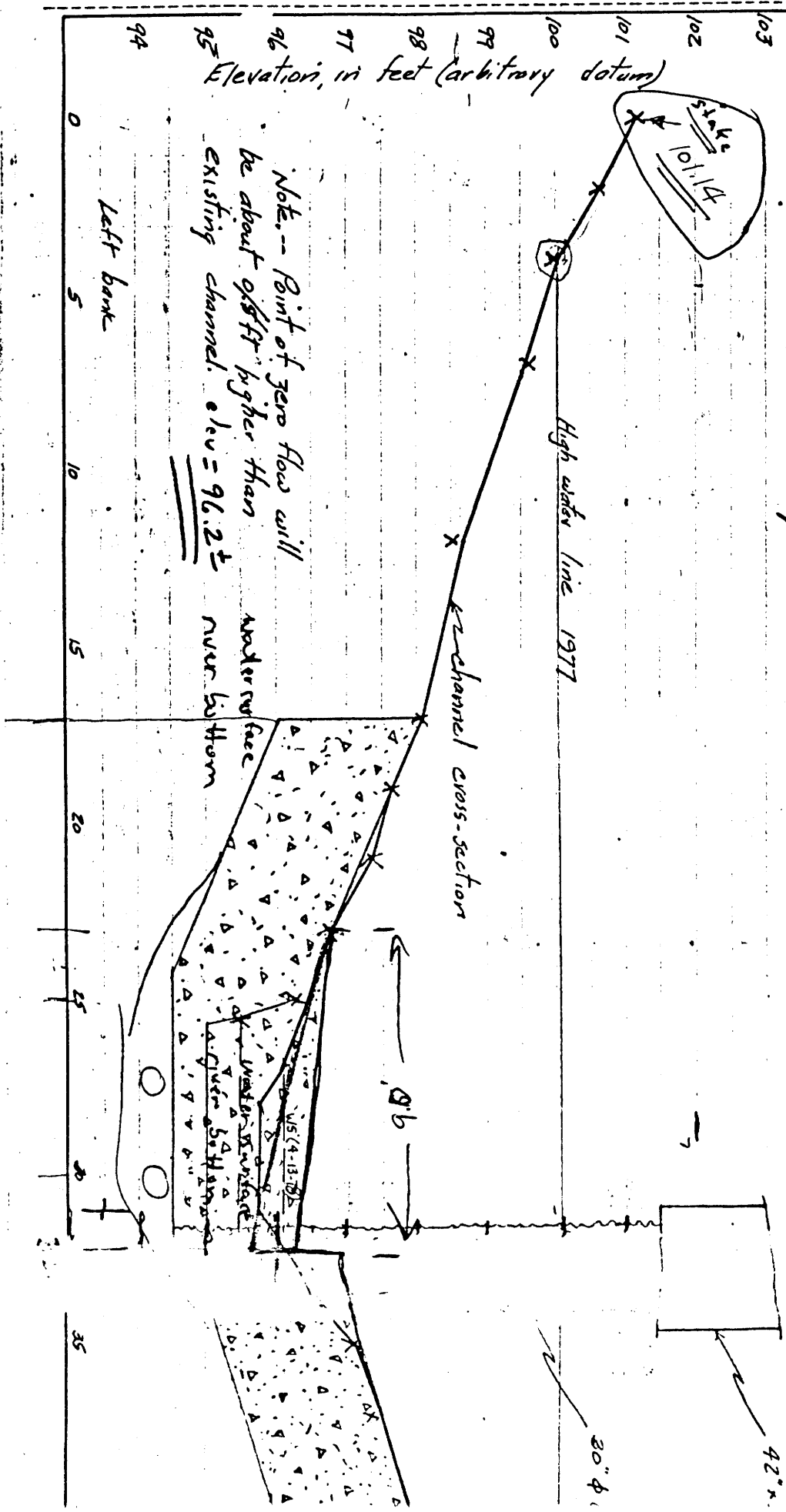
water surface

4-11-70



4-14-78

Rt. de las Trujas - Boulder National Monument Cross-section of proposed pipe site downstream from Monument Headquarters



Note:-- Point of zero flow will
 be about 9' ft higher than
 existing channel. elev = 96.2 ±