

(NOTICE: After filling out one of these forms as completely as possible for each dam in your district, return it at once to the Conservation Commission, Albany.)

Photos to follow.

STATE OF NEW YORK
CONSERVATION COMMISSION
ALBANY

S-169-P
758 UH

DAM REPORT

June 28, 1920
(Date)

CONSERVATION COMMISSION,
DIVISION OF WATERS.

GENTLEMEN:

I have the honor to make the following report in relation to the structure known as the Indian Lake Stone Dam Dam.

This dam is situated upon the Outlet of Indian Lake
(Give name of stream)
in the Town of Indian Lake, Hamilton County,

about 2 miles
(State distance) from the Village or City of Indian Lake

The distance down
(Up or down) stream from the dam, to the Indian River Bridge,
(Give name of nearest important stream or of a bridge)

is about 1 mile
(State distance)

The dam is now owned by Indian River Co. 30 Broad St. N.Y.
(Give name and address in full)

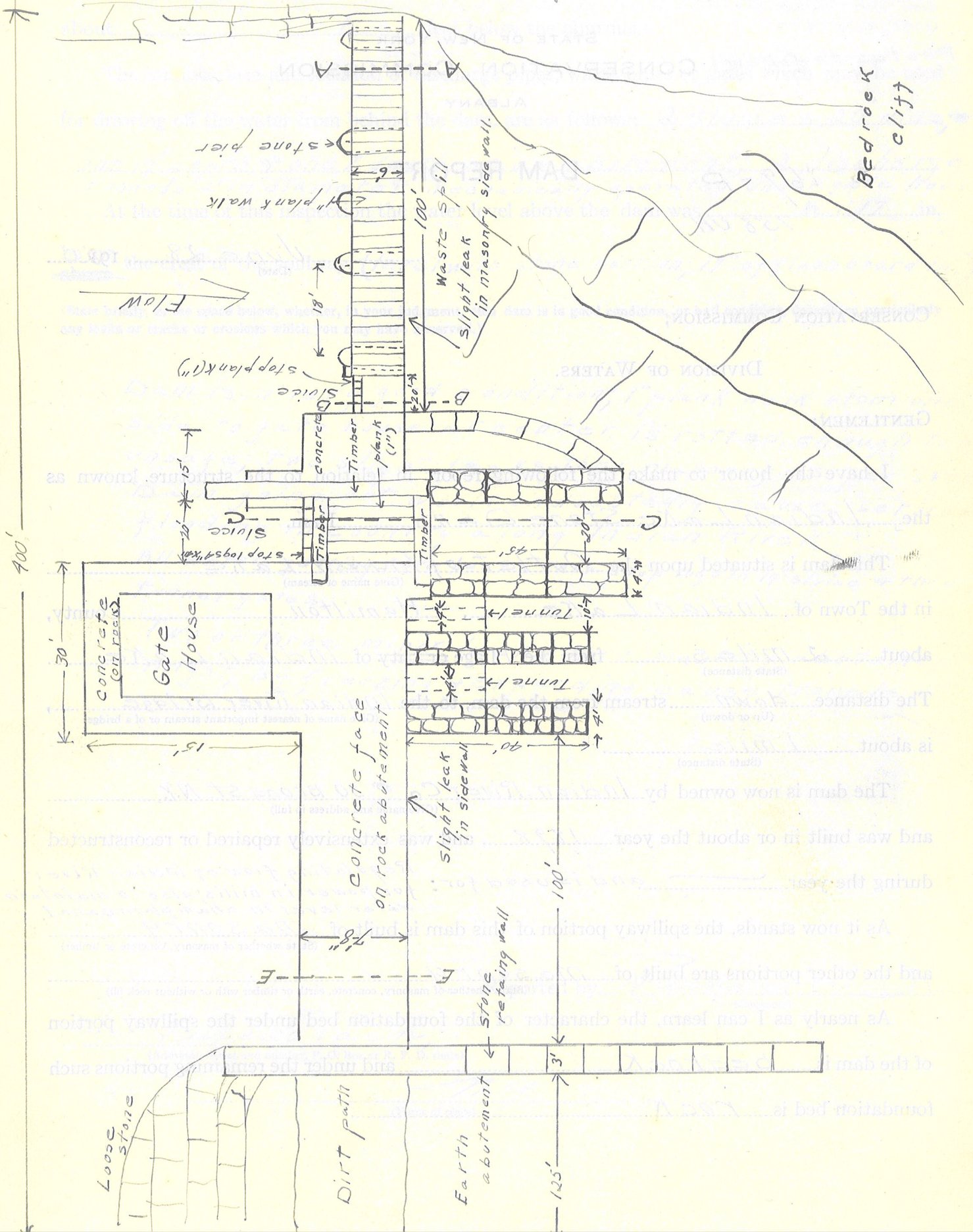
and was built in or about the year 1898, and was extensively repaired or reconstructed during the year — and is used for: Regulating flow of Indian River for power in mills; also to maintain water level in Champlain canal.

As it now stands, the spillway portion of this dam is built of Masonry
(State whether of masonry, concrete or timber)

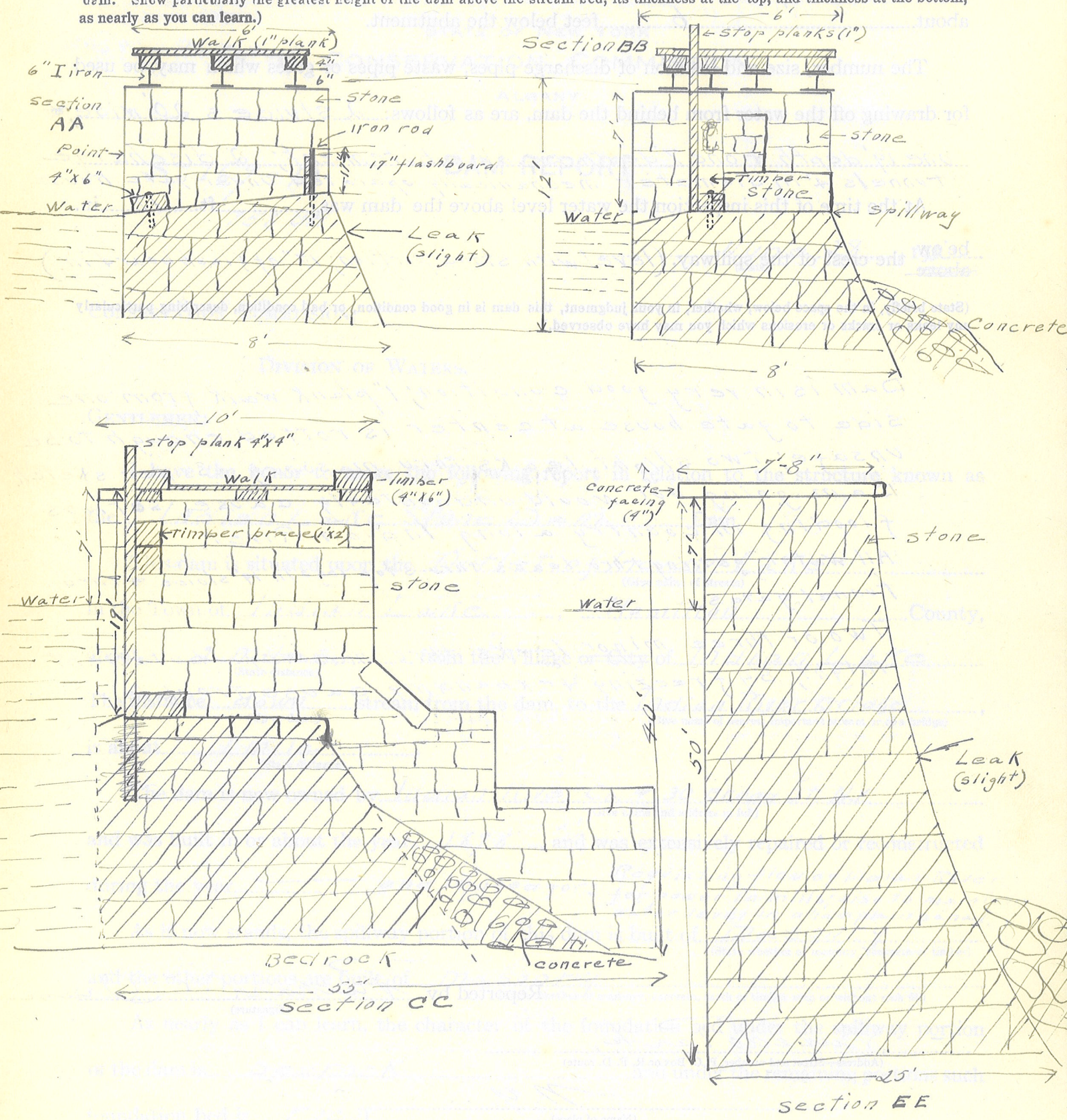
and the other portions are built of Masonry
(State whether of masonry, concrete, earth or timber with or without rock fill)

As nearly as I can learn, the character of the foundation bed under the spillway portion of the dam is bedrock and under the remaining portions such foundation bed is rock

(In the space below, make a third sketch showing the general plan of the dam, and its approximate position in relation to buildings or other conspicuous objects in the vicinity.)



(In the space below, make one sketch showing the form and dimensions of a cross section through the spillway or waste-weir of this dam and outline the abutment, and a second sketch showing the same information for a cross section through the other portion of the dam. Show particularly the greatest height of the dam above the stream bed, its thickness at the top, and thickness at the bottom, as nearly as you can learn.)



The total length of this dam is 400 feet. The spillway or waste-weir portion, is about 110 feet long, and the crest of the spillway is about 6 feet below the abutment.

The number, size and location of discharge pipes, waste pipes or gates which may be used for drawing off the water from behind the dam, are as follows: 2 sluices 20' wide, one 19' depth & one 7' depth below abutment; 2 discharge tunnels 4' in diameter mechanically operated under gate house.
At the time of this inspection the water level above the dam was 17 in.

~~above~~ ^{below} the crest of the spillway. (level with stone portion; 17" of flashboard in.)

(State briefly, in the space below, whether, in your judgment, this dam is in good condition, or bad condition, describing particularly any leaks or cracks or erosions which you may have observed.)

Dam is in very good condition; 1" plank walk from one side to gate house at center is rotted enough to be unsafe; two slight leaks thru masonry as per sketch. Dam going out would undoubtedly cause serious flooding in country along Indian River. All water getting thru leaks thru stop logs in 19' sluice & thru tunnel gates.

Two or three minor leaks thru masonry abutment might, by freezing & expanding cause trouble.

Reported by Richard V. Oram
(Signature)

Juxedo Park,
(Address—Street and number, P. O. Box or R. F. D. route)

N. Y.
(Name of place)