

and sub-bench, and plat same correctly.

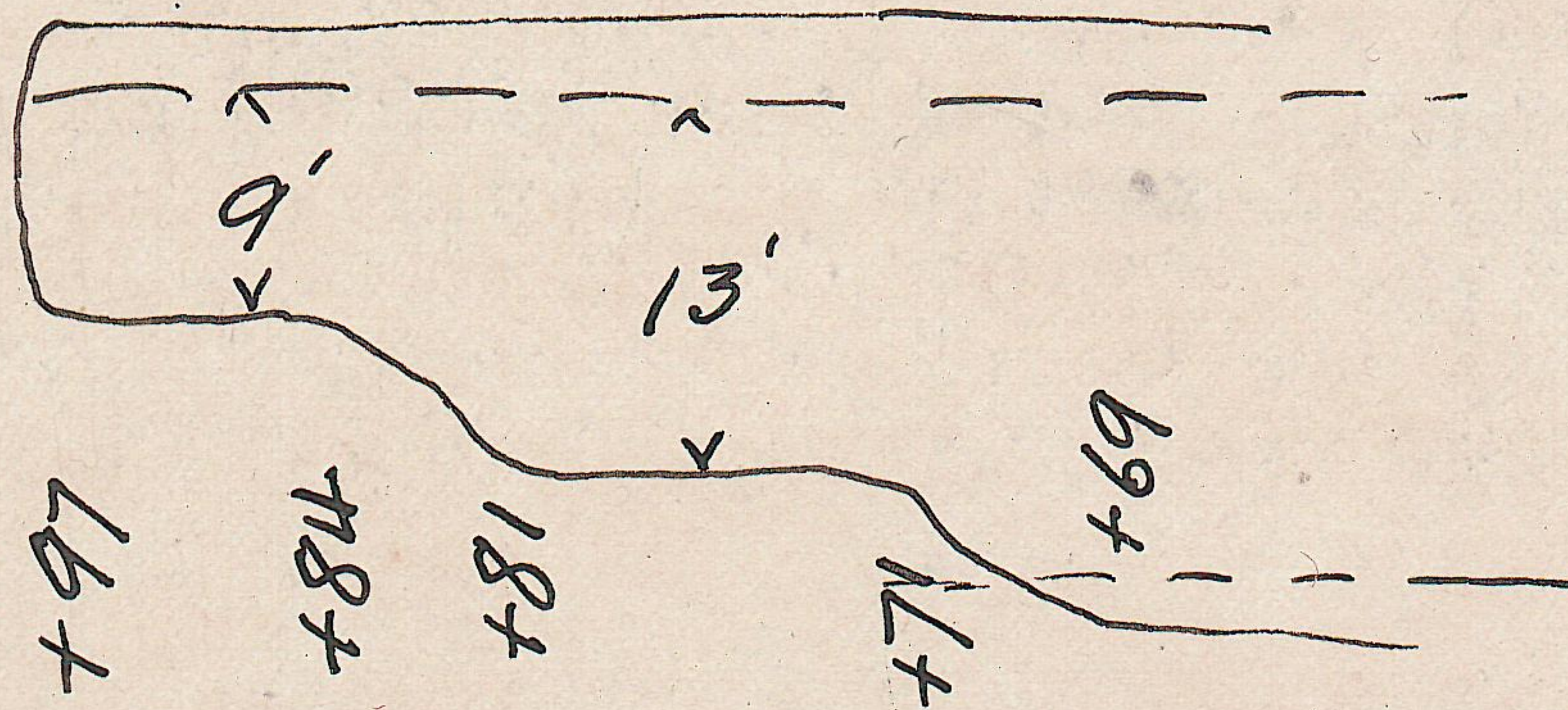
The station of the "Bench" to be shown on the DAILY REPORT CARDS is the station of the foot of the Main Bench and not the average of the slope as heretofore."

Feb. 20th, 1907: "Hereafter, instead of platting on the daily progress profile in the office of the Resident Engineer the advance made by each round of blasting, Day Inspectors will give this information to Mr. Schweizer as soon as possible after blasting, and also show same on their reports, - the night inspector will show it on his report only.

HEADINGS: Give station of face of heading after blasting, also height of roof above grade and depth of floor below grade.

BENCHES: Give station of each row of holes blasted and average depth of holes.

When muck is all cleaned up show a profile over benches through centre line of tunnel in form of sketch thus:



The stations of the holes in the benches should be obtained by inspectors BEFORE the blasting is done, that is, if blasting is to be done at night, the stations of the holes should be obtained by the Day Inspector before going off shift and vice-versa by night Inspector.

All inspectors will arrange to go over these instructions with the Ass't Eng'r to be sure they are thoroughly understood."

March 1st, 1907: "Special attention should be given by Inspectors to the methods of handling dynamite on the work, particularly the disposal of any cartridges containing exploders, and which have not been used. The magazine should be visited by each Inspector at least once each shift, and a report made of any conditions which may involve danger."

March 12, 1907: "In regard to thawing dynamite by placing in hot water: Please note that this is a very dangerous practice, and, under ordinary circumstances, should be absolutely prohibited. For a short time, however, till the magazines are rebuilt, it may be permitted. Be very careful and see that all water which is used for this purpose is ~~thrown~~ thrown out on the ground immediately after being used. This is very important, as several accidents have occurred where water, in which dynamite has been thawed out, has exploded when reheated."

April 16, 1907: "The following is copy of letter sent to the contractor's Superintendent:

"April 16, 1907.

Mr. J. Hendrie,  
Spt. Wm Bradley,  
Hackensack Portal.

Dear Sir:

I have received several reports lately in regard to carelessness as to dynamite stored in the tunnels. I have already told you that I object to the storage of any dynamite whatever inside the tunnels, and especially so now that we are about to start the lining.

If it is necessary to keep a few boxes there for a short time, you may do so provided you keep it in a substantial box covered outside with sheet iron, and kept locked.

Please have the matter attended to at once.

Yours very truly,

(signed) E. Lavis,

Resident Engineer."

Please look after this matter very carefully and report fully anything bearing on this subject."