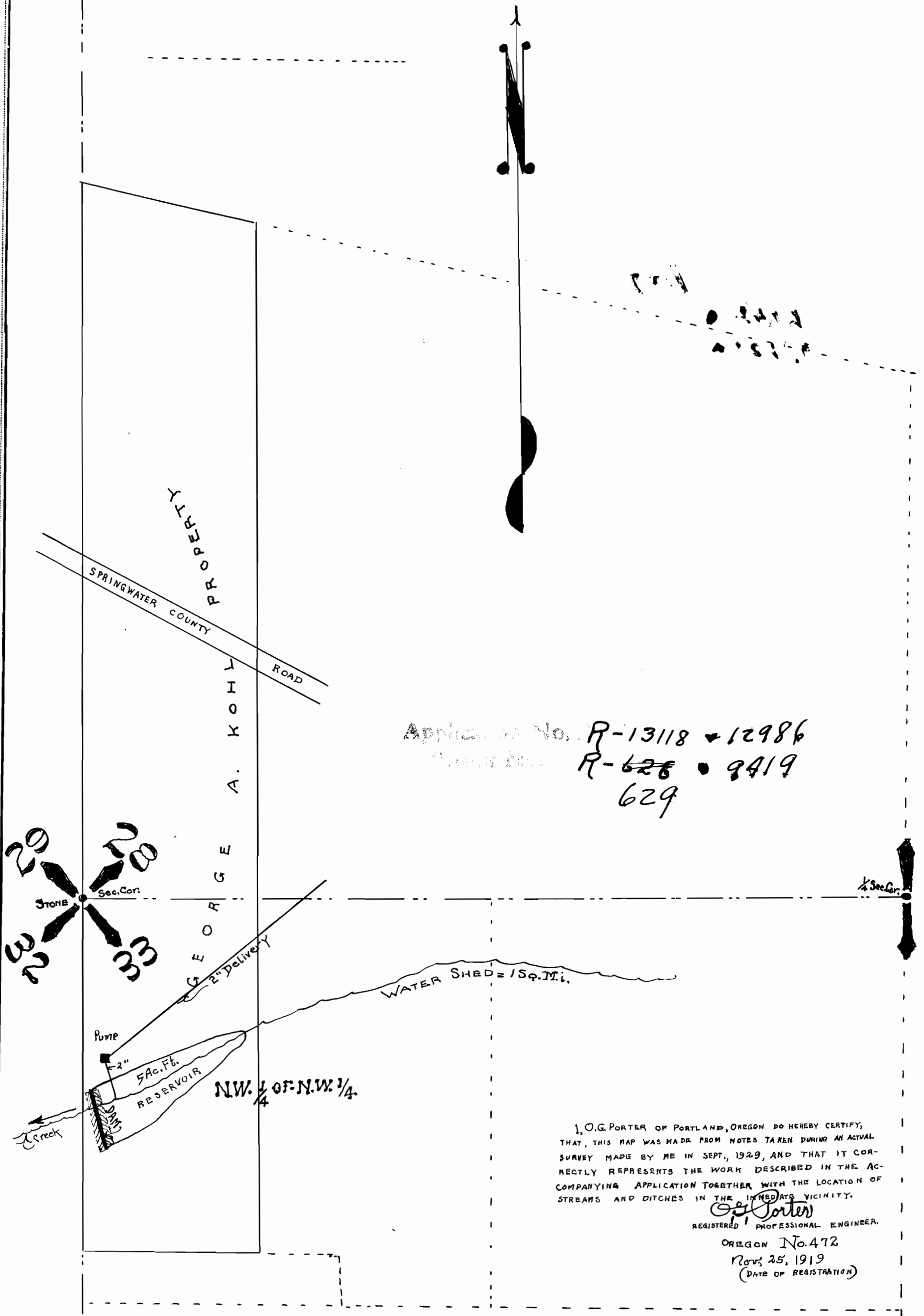


MAP OF KOHL WATER SYSTEM IN SECTIONS 28^{1/2} 33 T.2S.R.3E.W.M. CLACKAMAS COUNTY OREGON

SCALE 1" = 300'



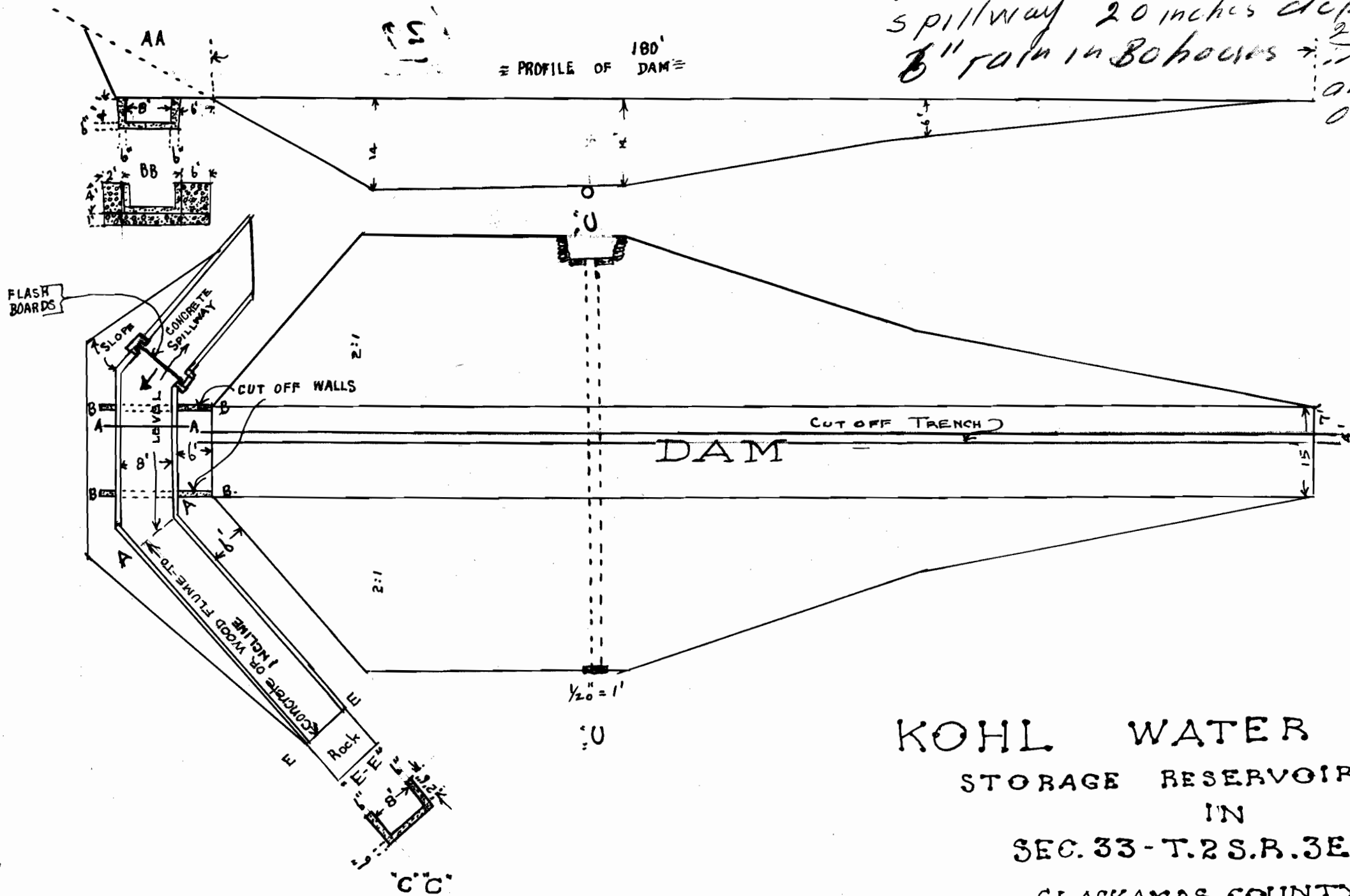
Application No. R-13118 + 12986
R-628 • 9419
629

I, O.G. PORTER OF PORTLAND, OREGON DO HEREBY CERTIFY,
THAT, THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL
SURVEY MADE BY ME IN SEPT., 1929, AND THAT IT COR-
RECTLY REPRESENTS THE WORK DESCRIBED IN THE AC-
COMPANYING APPLICATION TOGETHER WITH THE LOCATION OF
STREAMS AND DITCHES IN THE IMMEDIATE VICINITY.

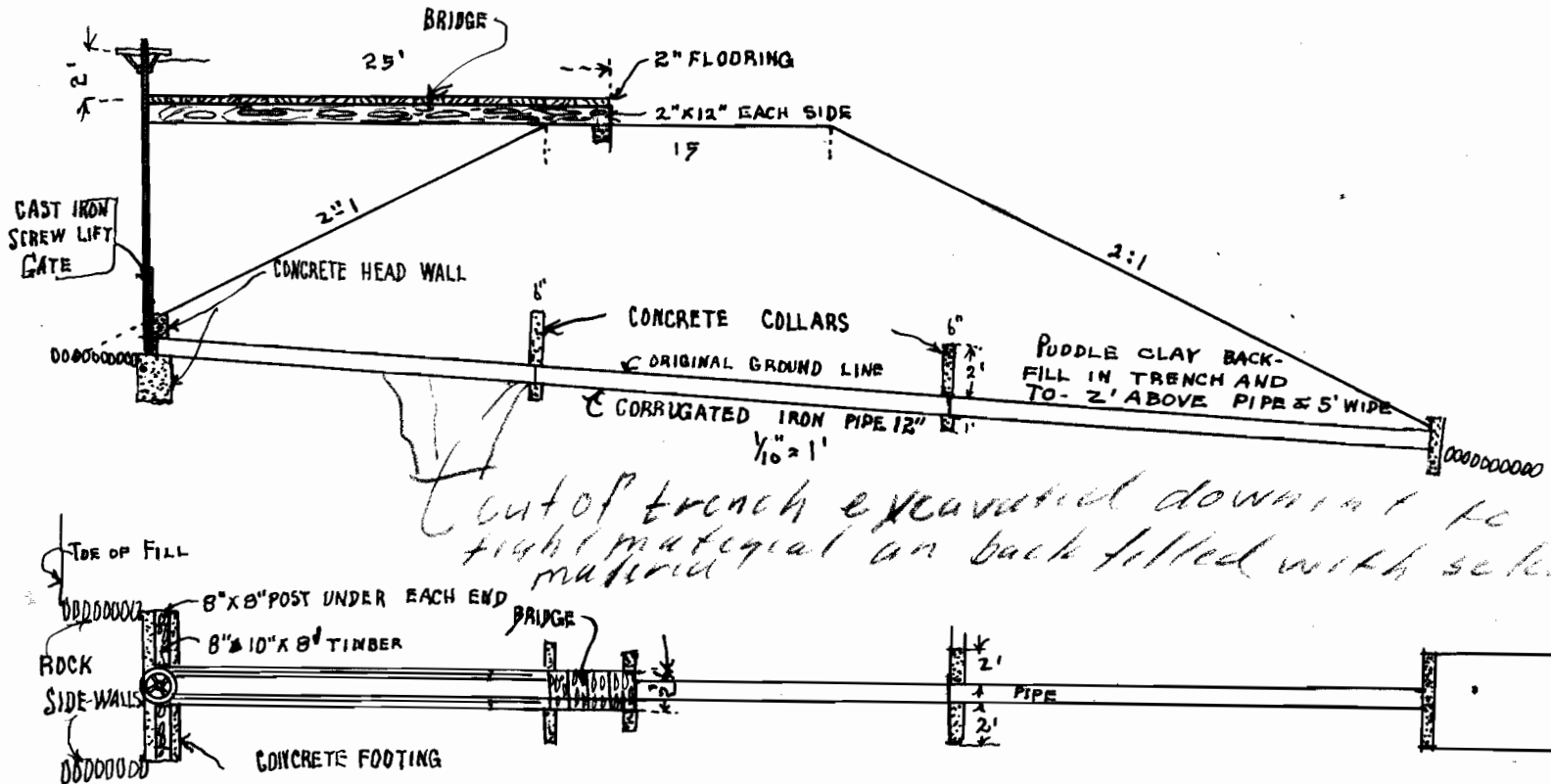
O.G. Porter
REGISTERED PROFESSIONAL ENGINEER.

OREGON No. 472
Nov. 25, 1919
(DATE OF REGISTRATION)

Dam constructed with a spillway
20ft wide on the left end about
spillway 20 inches depth -
8" rain in 80 hours - ²⁴⁸²⁵ A day like 1937
and dam failed by
over-topping



KOHL WATER SYSTEM
STORAGE RESERVOIR & DAM
IN
SEC. 33-T.2S.R.3E. W.M.
CLACKAMAS COUNTY-ORE.



The area over which the dam is to be constructed and the areas from which the fill material is to be borrowed shall be cleared of all rubbish, timber, trash, stumps and vegetable matter. The embankment shall be deposited in horizontal layers or courses, not more than 6" in thickness for the full width of the dam. Teams and scrapers shall be used in making the embankment and the work shall be done at a time when there is sufficient moisture in the filled material, that the whole structure will be thoroughly compacted by the teams & scrapers which travel over it. The cut off trench shall be excavated 4 ft. in width and shall be excavated to a depth of two (2) ft. into the water bearing strata which appears to exist just under the surface of the ground in the north natural slope, through the whole of the bottom of the gulch, and part way up the south slope. The back fill in the cut off trench shall be made from selected clay, no rock shall be used in the back fill, extreme care shall be taken that the cut off back fill shall be thoroughly compacted as the dam fill is being constructed a sufficient rock face shall be built on the upper and lower sides of the dam. The rock to be sorted from the filling material as it is being placed.

I, O. G. PORTER OF PORTLAND, OREGON DO HEREBY CERTIFY THAT, THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL SURVEY MADE BY ME IN SEPT. 1929, AND THAT IT CORRECTLY REPRESENTS THE WORK DESCRIBED IN THE ACCOMPANYING APPLICATION TOGETHER WITH THE LOCATION OF STREAMS AND DITCHES IN THE IMMEDIATE VICINITY.

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