

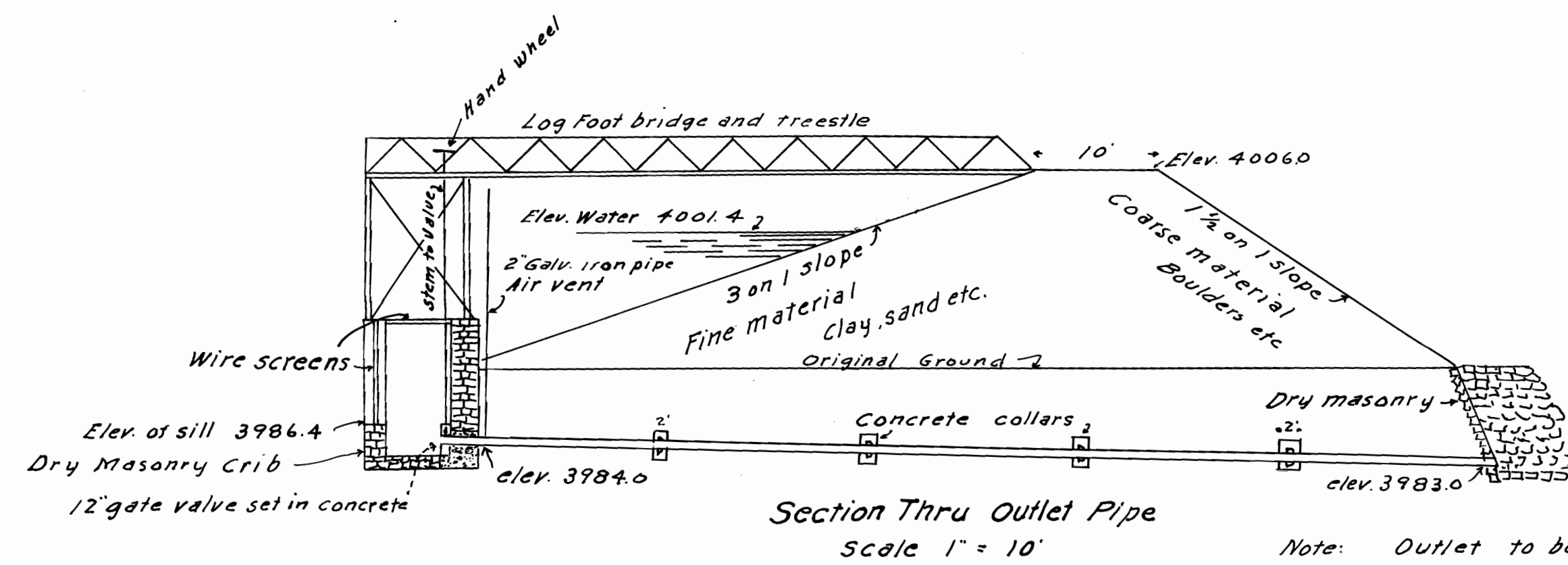
CAPACITY TABLE				
Contour	Interval	Area Acres	Acres Feet	Totals Acres Feet
3986.4		23.3		
*3991.4	5	33.0	141	141
3996.4	5	39.5	181	322
4001.4	5	44.6	210	532

* Water surface Sept 2, 1930

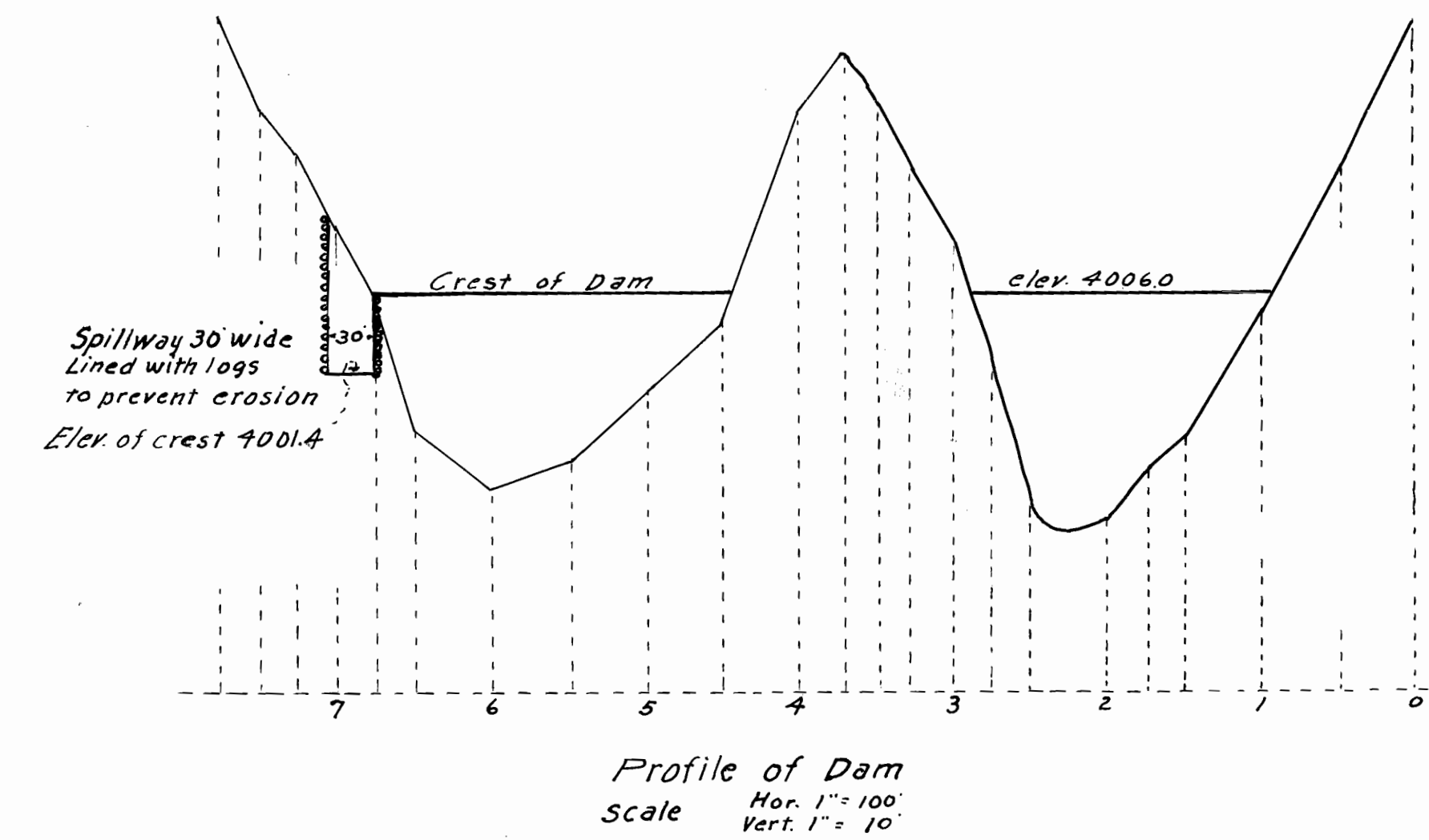
I, David G. Glass, of The Dalles, Oregon, hereby certify that this map and design is based on field notes taken during an actual survey made by me on Sept 1st to 3rd 1930 and that it correctly shows actual conditions surrounding the lake and proposed dam site.

Badger Lake being situated in unsurveyed territory it is not possible to show section ties. It is in T. 3 S., R. 10 E. W. M.

David G. Glass
Registered Professional Engineer
Oregon No. 117



Note: Outlet to be 5-16 ft. lengths of 12" class B cast iron pipe laid to uniform bearing on original ground in trench excavated to grade. Bell holes 2" wide extending 18" below pipe at each joint. The joints to be caulked with a dry neat cement mortar then the concrete collar 2" thick placed around joint completely filling trench. Standard 12" H.E. two disc parallel seat gate valve to be placed at upper end of pipe as shown. Joint between valve and pipe to be leaded & caulked.



BADGER LAKE
STORAGE RESERVOIR
DAVID G. GLASS
Civil Engineer

SUPPLEMENTAL IRRIGATION
TO
BADGER and HIGHLAND DITCHES

Application No. R-13027
Permit No. R-773