

**CERTIFICATE OF SURVEYOR**

I, F.K. Gettins, of Marshfield Oregon, do hereby certify that this map was made from notes taken during an actual survey made by me (or under my immediate supervision) on October 10<sup>th</sup>, 12<sup>th</sup> and 14<sup>th</sup> 1914., and that it correctly represents the works described in the accompanying application, together with the location of streams, ditches in the immediate vicinity, and has written thereon the purpose for which the water diverted is to be used.

*F.K. Gettins*  
Surveyor.

**NOTE:-**

The water diverted is to be used for manufacturing purposes at the C.A. Smith L & M Co's Mills.

**C.A. SMITH L & M Co.**

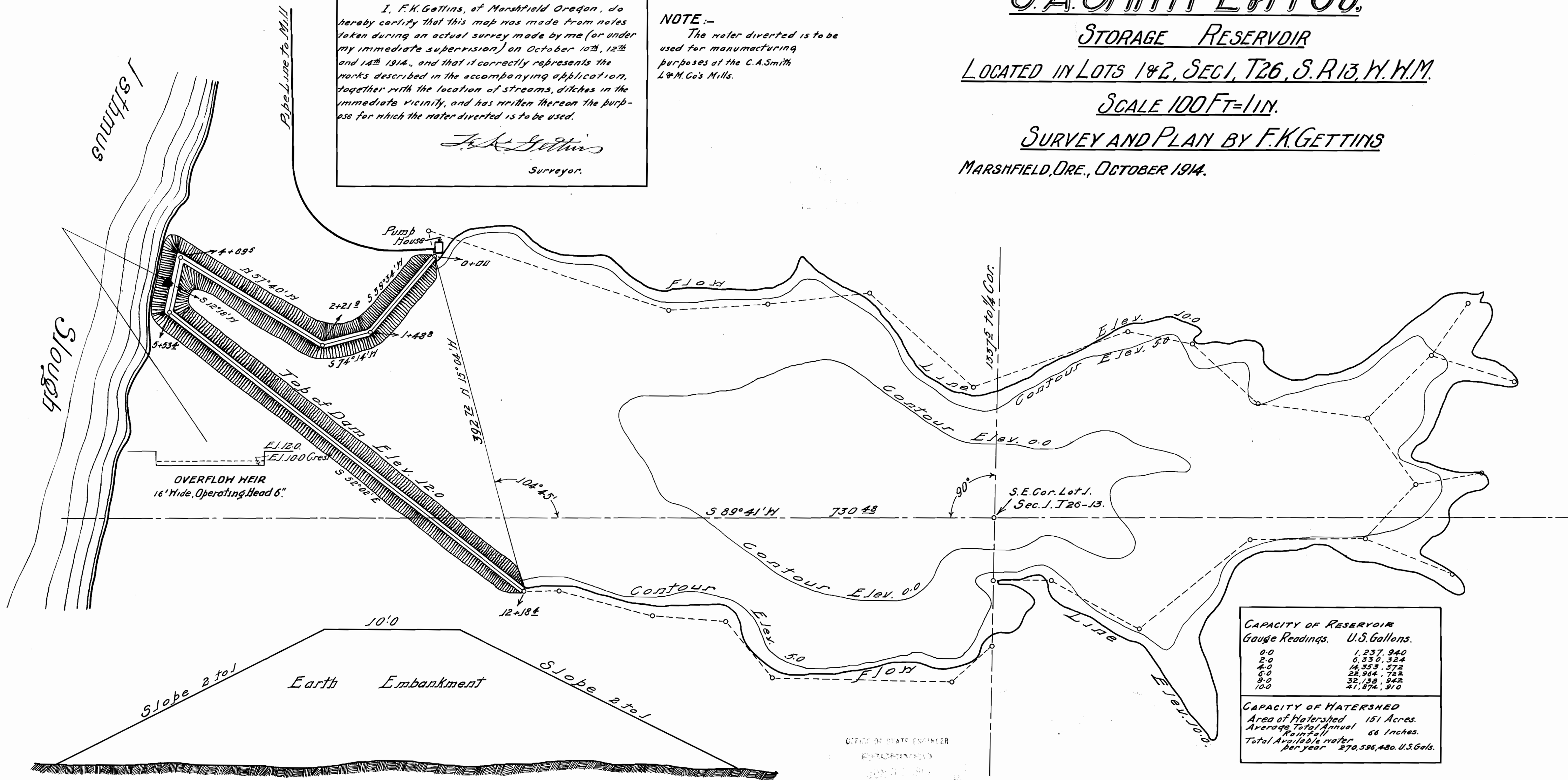
**STORAGE RESERVOIR**

**LOCATED IN LOTS 1 & 2, SEC 1, T26, S. R 13, W. W. M.**

**SCALE 100 FT = 1 IN.**

**SURVEY AND PLAN BY F.K. GETTINS**

**MARSHFIELD, ORE., OCTOBER 1914.**



OVERFLOW WEIR  
16' Wide, Operating Head 6"

**TYPICAL SECTION OF DAM**  
SCALE 5 FT = 1 IN.

CAPACITY OF RESERVOIR	
Gauge Readings.	U.S. Gallons.
0.0	1,237,940
2.0	6,330,324
4.0	14,353,372
6.0	22,964,742
8.0	32,138,942
10.0	41,874,910

CAPACITY OF WATERSHED	
Area of Watershed	151 Acres.
Average Total Annual Rainfall	56 Inches.
Total Available Water per year	270,596,480 U.S. Gals.

OFFICE OF STATE ENGINEER  
PORTLAND, OREGON

4356  
R 328

4357  
2518