

PROOF OF APPROPRIATION OF WATER

1. Name City of Salem 2. Address Salem, Oregon
 3. Source of supply North Santiam River
 Tributary of Willamette River
 4. Amount of water 22.0 c.f.s. 5. Priority date July 5, 1923
 6. Use Municipal

7. Location of point of diversion, SW 1/4 NE 1/4 Sec. 13, Twp. 9 S., Range 1 W., W. M.
(Legal Subdivision)

8. The description of land given below corresponds to that found in your permit covering land to be irrigated, or, if for other purposes, the place of use. In the blank column on the right, headed "No. acres actually irrigated", fill in the number of acres you have irrigated in each of the tracts described:

Township	Range	Section	forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
7 S.	5 W.	10, 11,	12, 13, 14, 15, 22, 23,	PLACE OF USE	
		24, 25,	26, 27, 28, 53, 54, 55 & 56.		
8 S.	3 W.	1, 2, 3,	4, 10, 11 and 12		
8 S.	2 W.	7, 8, 17,	18, 19, 20 and 29.		
1400 1425	S. } W. }	of	12, 17 13, 18		

Verify A.P. Location before issuing cert.

This column must be filled in if water is used for irrigation

DESCRIPTION OF WORKS

9. (a) If a dam has been constructed, give description: Height, ft.; length on top, ft.; length on bottom ft.; material used and character of construction,

(b) Give description of headgate: Width, ft.; depth, ft.; material used and character of construction,

(c) Size of canal: Width on top (at waterline) ft.; width on bottom, ft.; depth of water, ft.; grade, ft. fall per 1,000 ft. Actual capacity, sec.-ft. Give general description:

(d) Pipe line: Description of intake, Length of pipe, ft.; size at intake, in.; size at ft. from intake, in.; size at place of use, in. Difference in elevation between intake and place of use, ft. Is grade uniform? Actual capacity of pipe line, sec.-ft. Give general description: (Material: Steel, wrought, cast iron, wood stave, etc.)

(e) Pumping plant: Give size and type of pump, Suction lift, ft.; discharge lift, ft. Type of motor used Horse power rating, H. P. Actual capacity of pump, sec.-ft.

10. During what months is water beneficially used?

11. State character of soil Kind of crops raised

12. Does the accompanying map, filed with your application, show correctly the point of diversion, area of land irrigated, or place of use?

13. If not, wherein is such map in error?

14. Domestic use: Give number of families actually using water at this time

15. If for power, mining, municipal, manufacturing, storage or any other purpose than irrigation, give extent and method of such use

AFFIDAVIT OF APPROPRIATOR

STATE OF OREGON,

County of Marion

ss.

I, V. E. Kuhn, Mayor of the City of Salem, Oregon, being first duly sworn, depose and say that I have read the above and foregoing proof of appropriation of water; that I know the contents thereof, and that the facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this 11th day of March, 1938.

V. E. Kuhn
Mayor, City of Salem, Oregon

Subscribed and sworn to before me this 11th day of March, 1938.

L. D. Darby
Notary Public for Oregon

My commission expires March 2 - 1942.



[NOTARIAL SEAL]

AFFIDAVIT OF WITNESSES

STATE OF OREGON,

County of Marion

ss.

We, C. Van Patten and F. T. Koehler

of Salem, Oregon, being first duly sworn, depose and say that

we are well acquainted with the facts and conditions set forth in the foregoing statement relative to proof of appropriation of water under Permit No. 12033; that we and each of us have been over and upon each tract described in said proof, and from such personal inspection have knowledge that all necessary ditches, dams and other diversion and distributing works have been constructed, and water used as stated therein; that we have carefully read such proof of appropriation, and that each and every statement contained therein is true to the best of our knowledge and belief.

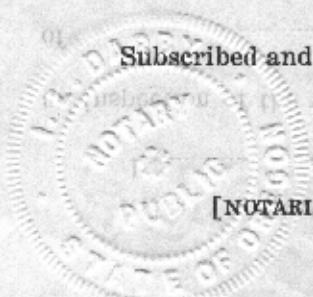
C. Van Patten

F. T. Koehler

Subscribed and sworn to before me this 11th day of March, 1938.

L. D. Darby
Notary Public for Oregon

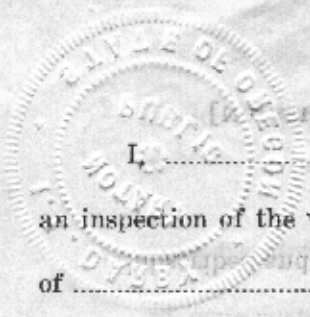
My commission expires March 2 - 1942.



[NOTARIAL SEAL]

REPORT OF PERSON MAKING INSPECTION

(For use by representative of State Engineer)



I, _____, do hereby certify that I have made an inspection of the works described herein and in Permit No. _____, on the _____ day of _____, 193____, and found the foregoing statements and descriptions of works to be accurate. In my opinion the appropriation has been completed to the extent of _____ and I recommend the issuance of water right certificate for this amount.

(Quantity of water in second-feet or acre-feet)

NOTICE TO INSPECTORS

If conditions do not justify the above report by you, please return the proof without your signature, with a full report by letter.

(Name)

(Title)

I, _____, State Engineer, do hereby certify that the above report was made by _____, _____, and _____, _____, and that the same is true to the best of my knowledge and belief.

Length of pipe _____
at place of use _____
is grade uniform _____
Give general description _____

RECEIVED
MAR 14 1938
STATE ENGINEER
SALEM, OREGON

Receipt No. _____

Recording fee paid _____

Permit No. _____

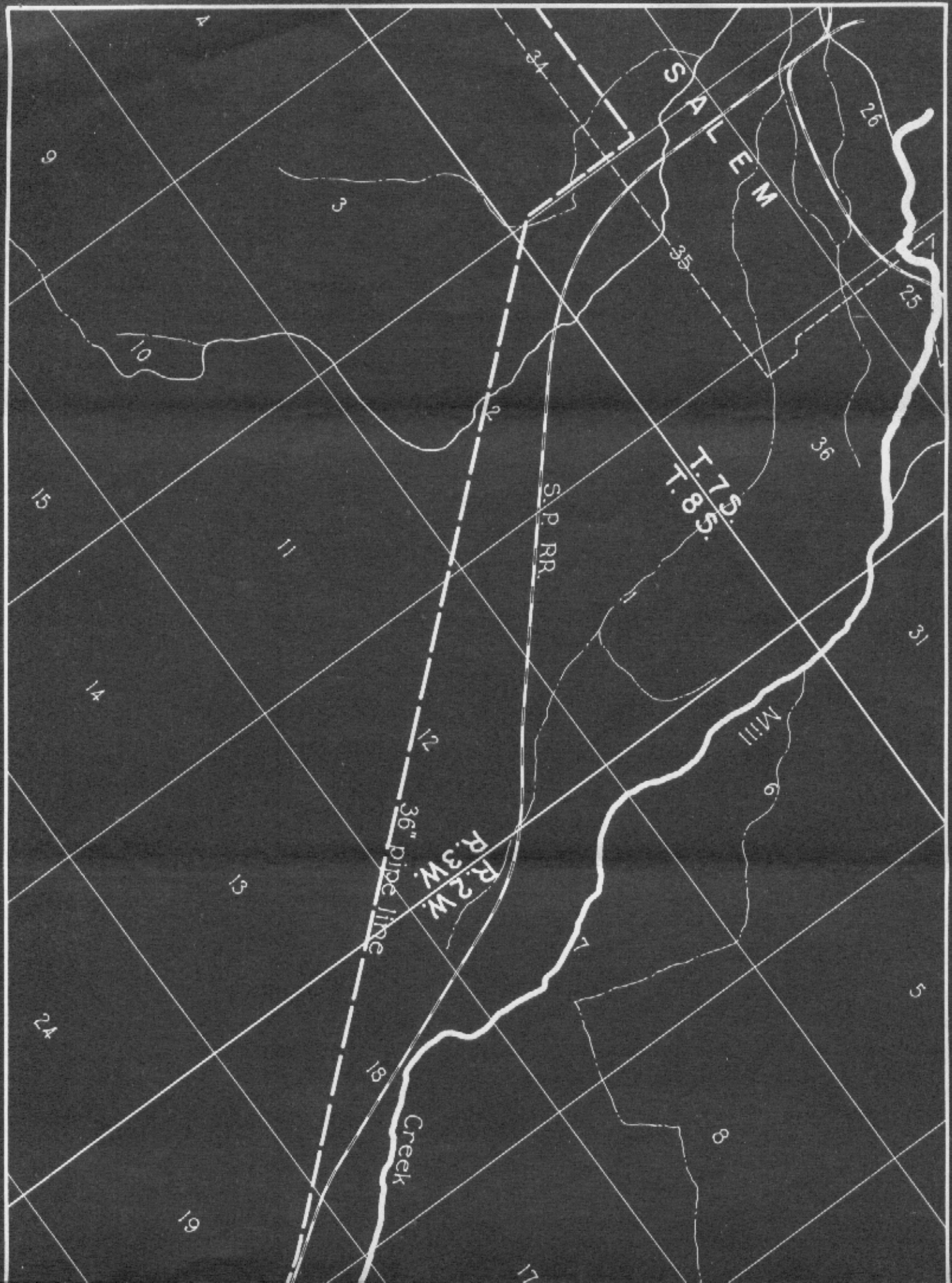
PROOF OF APPROPRIATION



I, _____, State Engineer, do hereby certify that the above report was made by _____, _____, and _____, _____, and that the same is true to the best of my knowledge and belief.

I, _____, State Engineer, do hereby certify that the above report was made by _____, _____, and _____, _____, and that the same is true to the best of my knowledge and belief.

I, _____, State Engineer, do hereby certify that the above report was made by _____, _____, and _____, _____, and that the same is true to the best of my knowledge and belief.



SALEM

T. 7 S.
T. 8 S.

S.P. RR.

36" pipe line

R. 2 W.
R. 3 W.

Mill

Creek

4

9

3

26

25

10

15

11

36

31

14

12

13

6

5

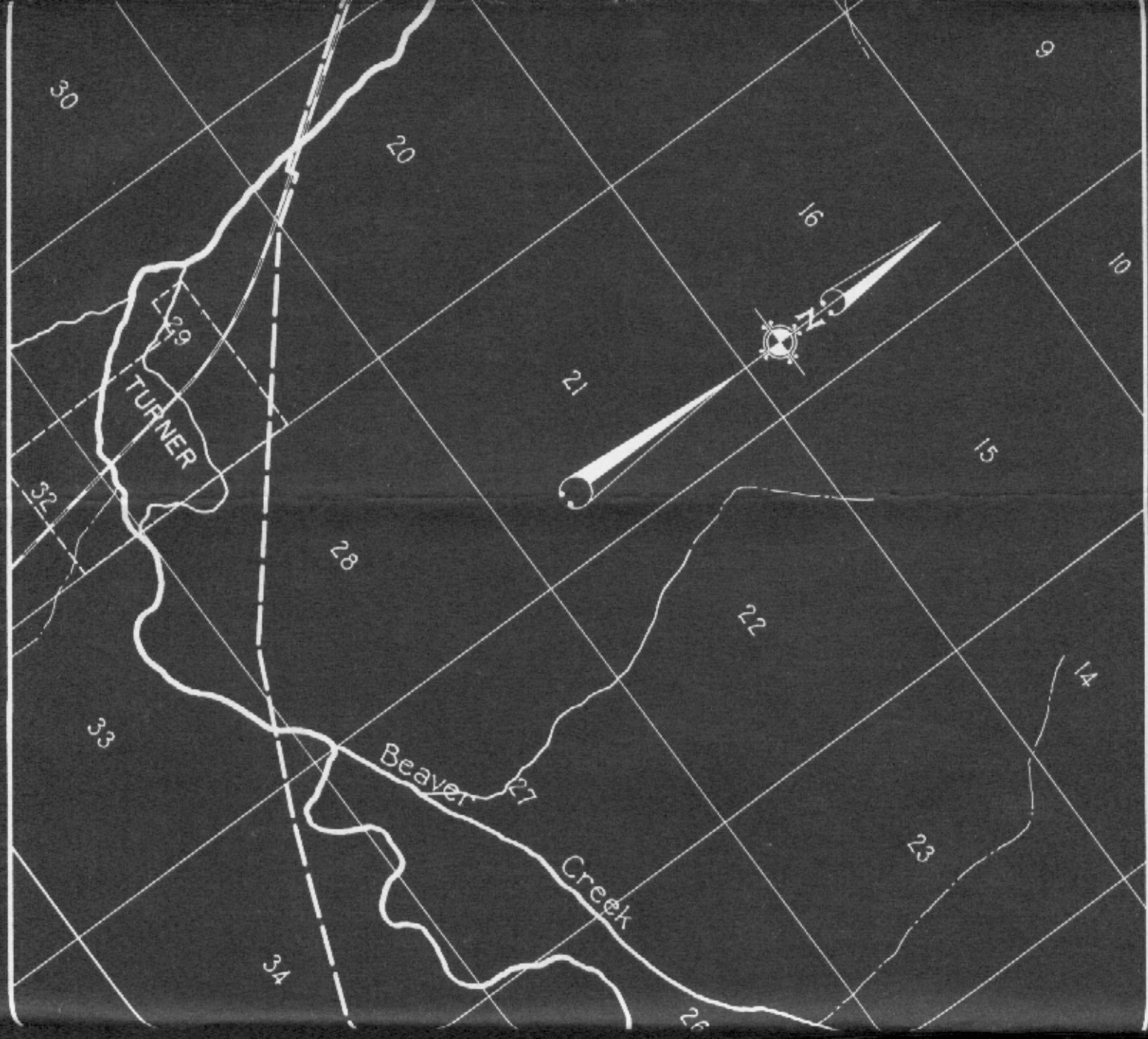
24

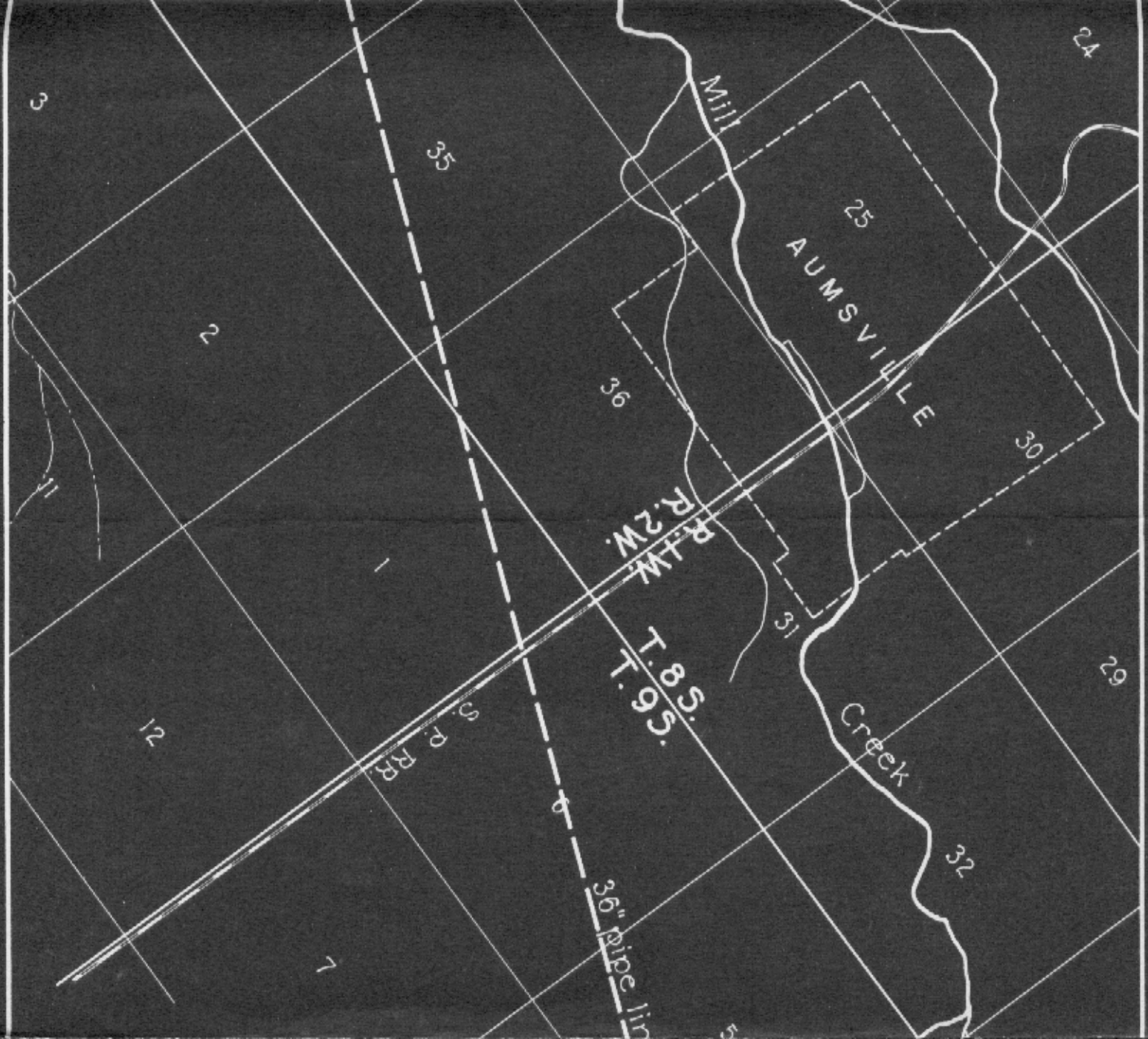
18

8

19

17





24

3

35

Mill

25

AUMSVILLE

2

36

30

R. 2. W.
P. M. RR.

S. 85.
T. 18. S.
1.

31

Creek

29

12

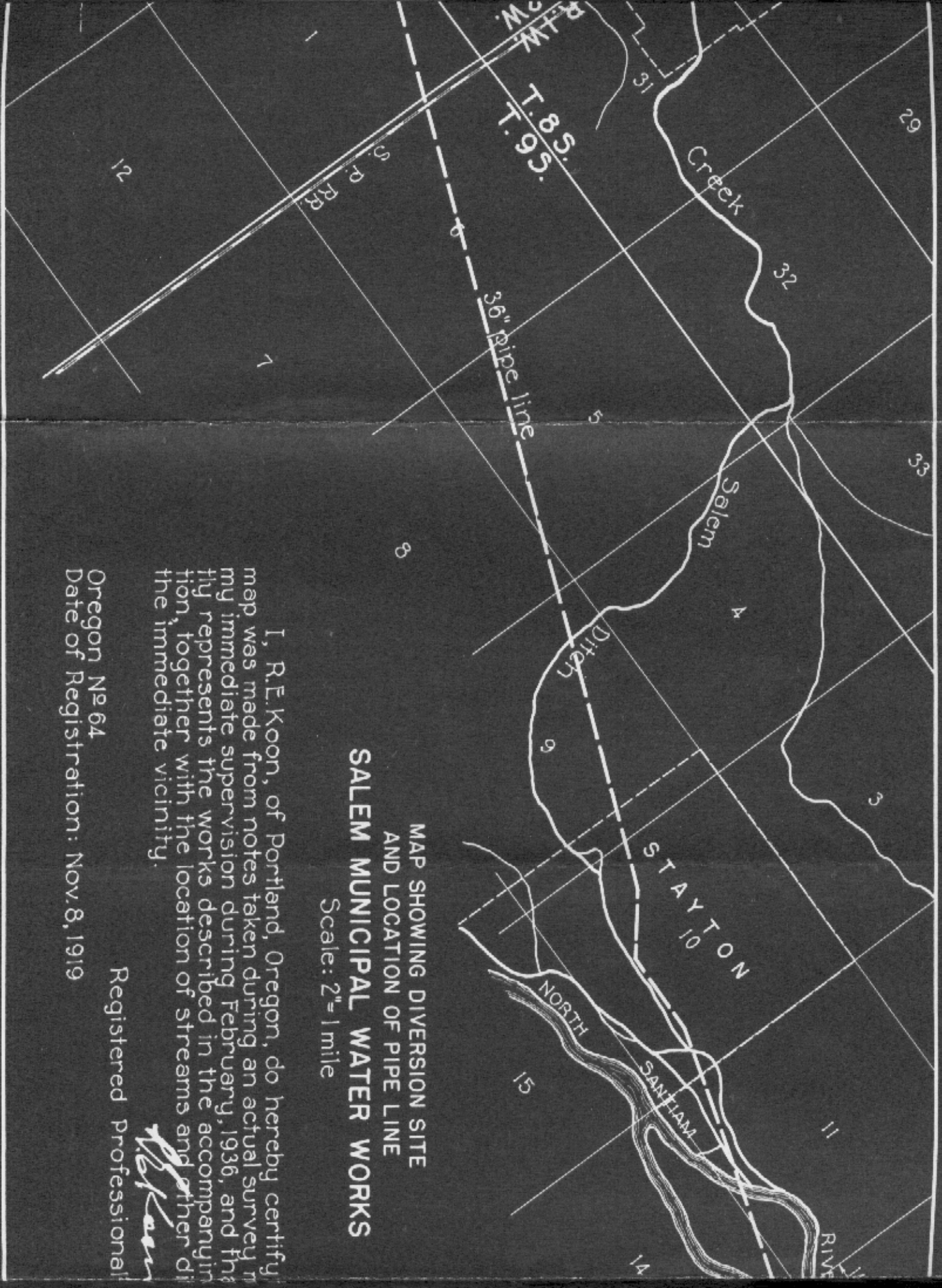
S. P. RR.

32

6

36" pipe line

7



MAP SHOWING DIVERSION SITE
 AND LOCATION OF PIPE LINE
SALEM MUNICIPAL WATER WORKS

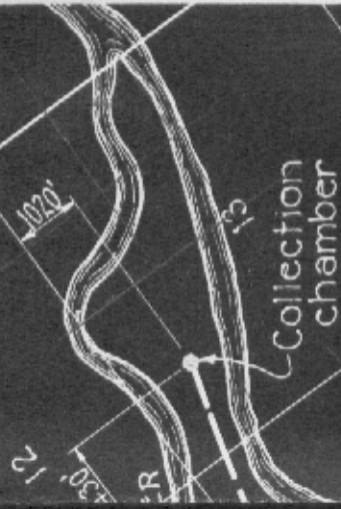
Scale: 2" = 1 mile

I, R.E. Koon, of Portland, Oregon, do hereby certify
 my immediate supervision during February, 1936, and that
 this map represents the works described in the accompanying
 report, together with the location of streams and other details
 in the immediate vicinity.

R.E. Koon

Registered Professional

Oregon No 64
 Date of Registration: Nov. 8, 1919



Collection chamber

24

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Engineer

DESCRIPTION OF WORKS

To accompany "Proof of Appropriation of Water,"
Permit No. 12033, by City of Salem.

The works, by means of which the City of Salem derives a water supply from North Santiam River, are described as follows:

There are two forms of diversion, namely,

1. A system of underground perforated pipes laid in the sand and gravel of an island in the river collects the water underground and conducts it to the "Collecting Chamber" indicated on the accompanying drawing and

2. A diversion from the river at a point in SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13, Twp. 9 S., Range 1 W.W.M. is made at a concrete headworks structure in which there are four (4) 18 in. round metal gates. Water is diverted into a canal about 3000 ft long, having a bottom width of 20 ft to 210 ft. Said canal is parallel to the underground pipe mentioned under (1) and water percolating from the canal through the sand and gravel enters the said pipe. A series of gates at the lower end of the canal allows surplus water to flow back into the river.

The "Collecting Chamber," a concrete structure, with three (3) 30-in. and one (1) 42-in. gates, is the real headworks structure for the pipe line leading to Salem. About 4000 ft below the collecting chamber is another concrete structure with measuring weir and by-pass gates, called a "Sand Trap."

The pipe line is 36-in. in diameter, and approximately 85 000 ft long from Sand Trap to City limits of

Salem. Water flows into the distribution system from branches in the 6000 ft of 36-, 30- and 27-in. main pipe in the City and the surplus flows to a ten million gallon capacity covered concrete storage reservoir. The difference in elevation between crest of weir in Sand Trap and overflow level in the reservoir is 129 ft. The actual capacity of the pipe line is approximately 24 sec-ft. The pipe line is built partly of 1/4-in. steel plates welded and partly of reinforced concrete.

Water is beneficially used during the entire year for general municipal and domestic purposes in the City of Salem and along the route of the pipe line.