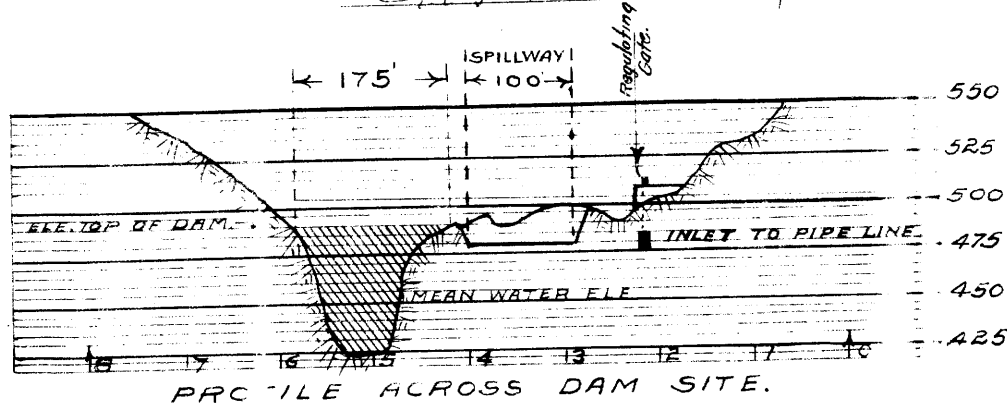


# NORTH UMPQUA LIGHT & POWER DAM SITE.

SECTION ELEVEN  
TWP-26 S. R-3-W.W.M.  
DOUGLAS CO.  
ORE.

I, C. A. Richardson, of Sutherlin, Douglas Co., State of Oregon, do hereby certify that this map was made from notes taken during an actual survey made by me on November 27-1910 and that it correctly represents the works described in the accompanying application together with the location of streams and other works in the immediate vicinity.

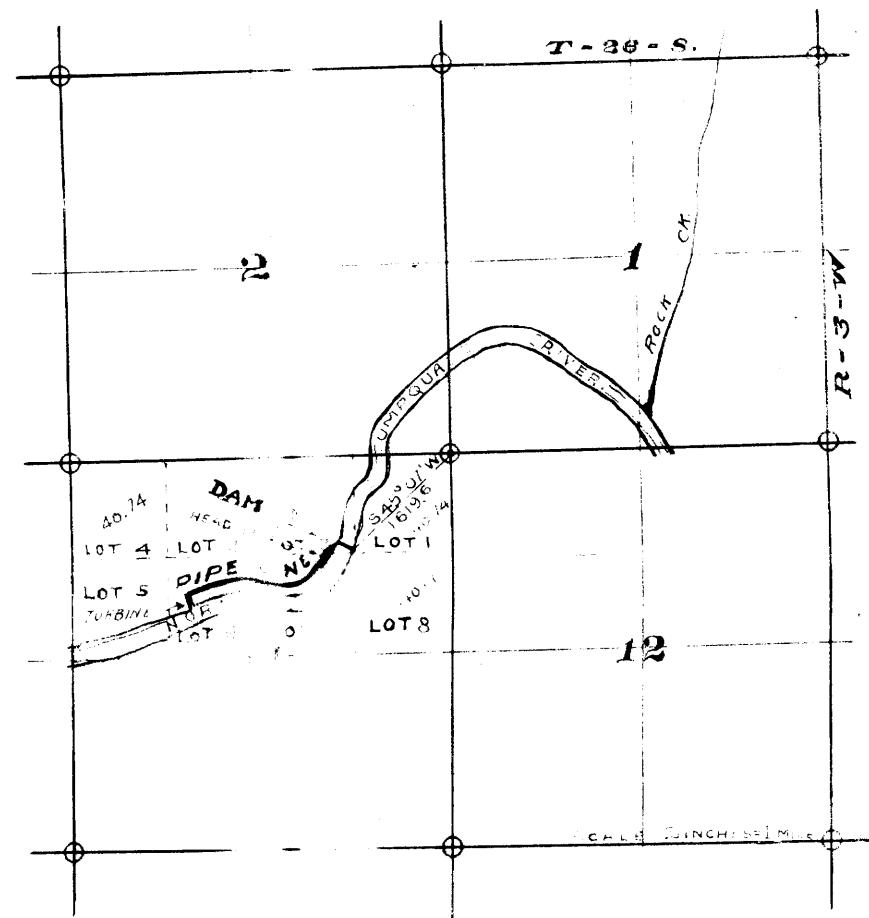
*C. A. Richardson.*



Dam to be rock fill, downstream face paved. To have CORE WALL to cut off leakage. Dam to be 15 feet high.

Spillway to be 100 feet wide at bottom. Side slopes  $\frac{1}{4}$  to 1. This spillway will be in solid rock. Depth 10 feet.

Inlet will be cut in solid rock controlled by steel gate. Water to be taken from inlet through steel pipe downstream on falling contour for approximately 2600 feet. Water will then be dropped through steel pipe to turbine below.

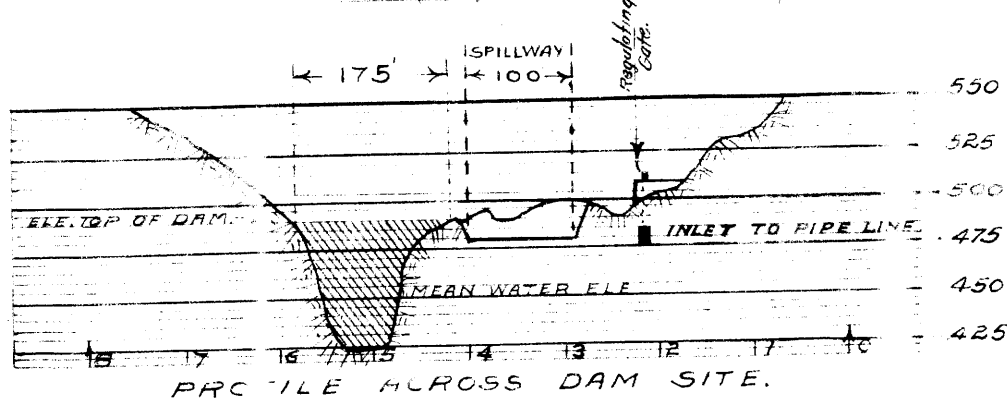


# NORTH UMPQUA LIGHT & POWER DAM SITE.

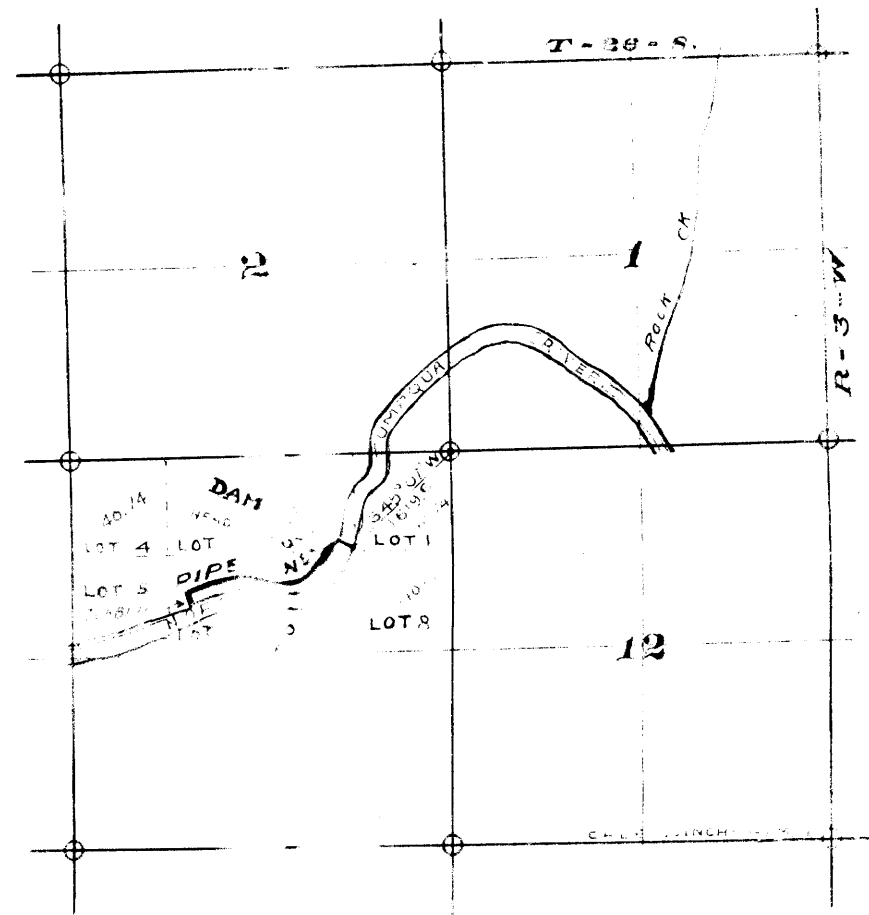
SECTION ELEVEN  
TWP-26 S. R-3-W.W.M.  
DOUGLAS CO.  
ORE.

I, C.H. Richardson, of Sutherlin, Douglas Co., State of Oregon, do hereby certify that this map was made from notes taken during an actual survey made by me on November 27-1910 and that it correctly represents the works described in the accompanying application together with the location of streams and other works in the immediate vicinity.

C.H. Richardson.



Dam to be rock fill, downstream face paved. To have CORE WALL to cut off leakage. Dam to be 15 feet high.  
Spillway to be 100 feet wide at bottom. Side slopes  $\frac{1}{4}$  to 1. This spillway will be in solid rock. Depth 10 feet.  
Inlet will be cut in solid rock controlled by steel gate. Water to be taken from inlet through steel pipe downstream on falling contour for approximately 260 feet. Water will then be dropped through steel pipe to turbine below.



CS FILE FOLDER

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