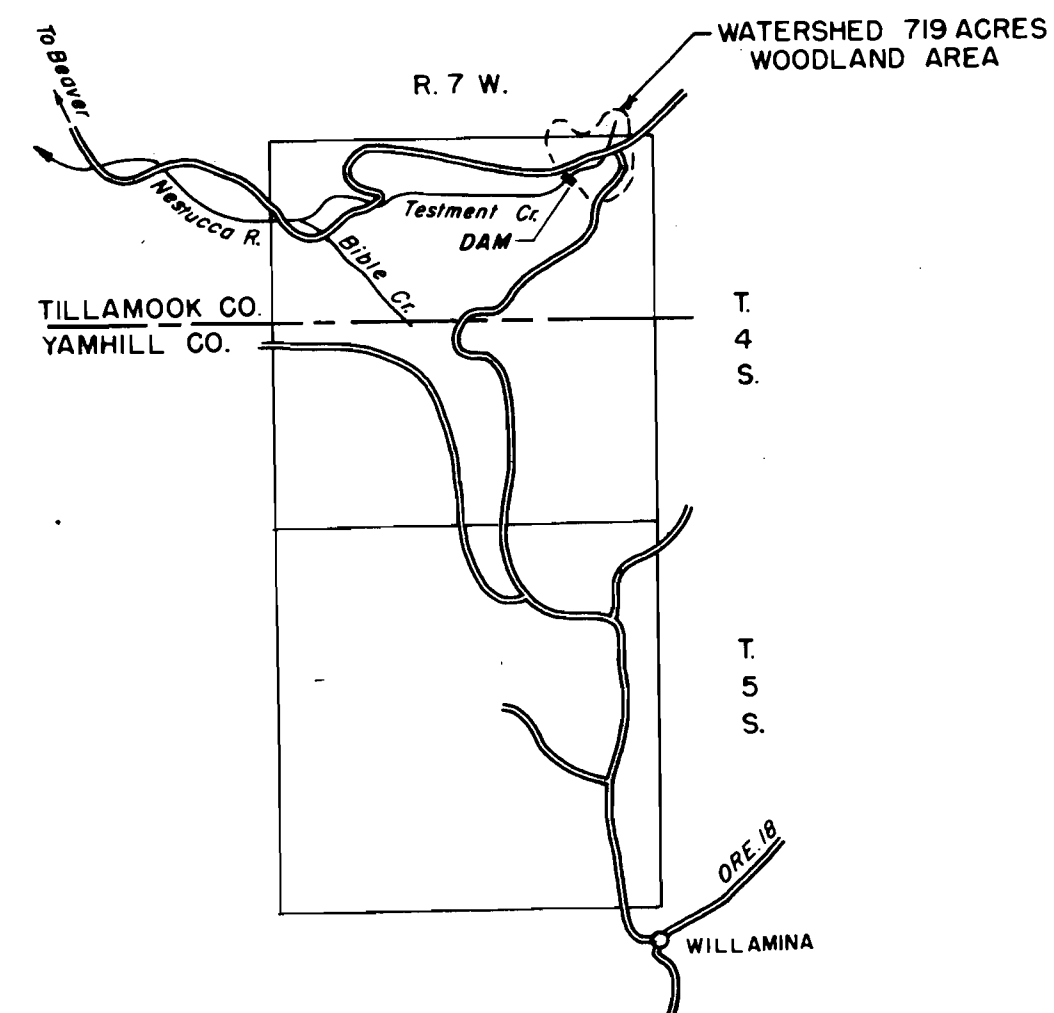
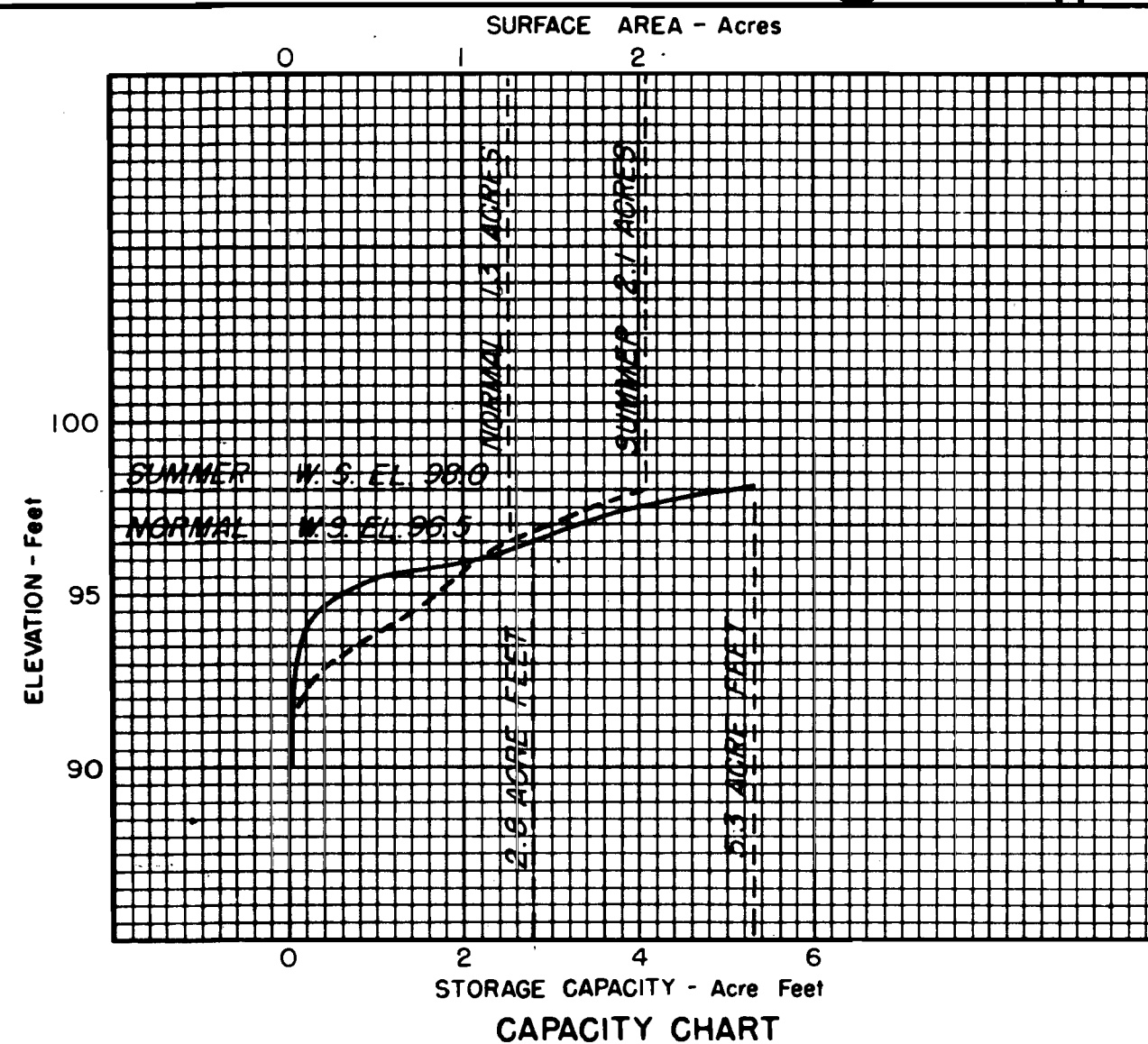


PLAN OF STORAGE AREA AND DAM SITE

Contour interval = 2 ft.
Scale: 1" = 100 ft.



WATERSHED & LOCATION MAP

COMPACTED VOLUME
Embankment 1020 c.y.
Cut-off 170 c.y.

EXCAVATION VOLUMES
Spillway: Earth 1000 c.y.
Rock — c.y.
Cut-off: Earth 170 c.y.
Rock — c.y.

CONCRETE VOLUMES
Encasement & Collars 7 1/2 c.y.
Intake structure and Pedestals — c.y.
Crest structure 1 1/2 c.y.

PIPE BARREL
12" 36" inches diameter
11' 52' lineal feet

SPILLWAY DESIGN DISCHARGE 312 c.f.s.

"I am hereby submitting for approval this plan as an officer of the United States Government authorized to approve and submit such plans."

Robert B. Miller
State Soil Conservation Engineer, Soil Conservation Service

CAMP COOPER DAM PORTLAND AREA COUNCIL BOY SCOUTS OF AMERICA SOUTH TILLAMOOK S.C. DISTRICT			
U.S. DEPARTMENT of AGRICULTURE · SOIL CONSERVATION SERVICE			
DESIGNED	DRAFTED <i>D.M.J.</i>	DATE <i>6-56</i>	
RECOMMENDED	CHECKED	DATE	
APPROVED <i>Robert B. Miller</i>	DRAWING NO. 7-0-16007		