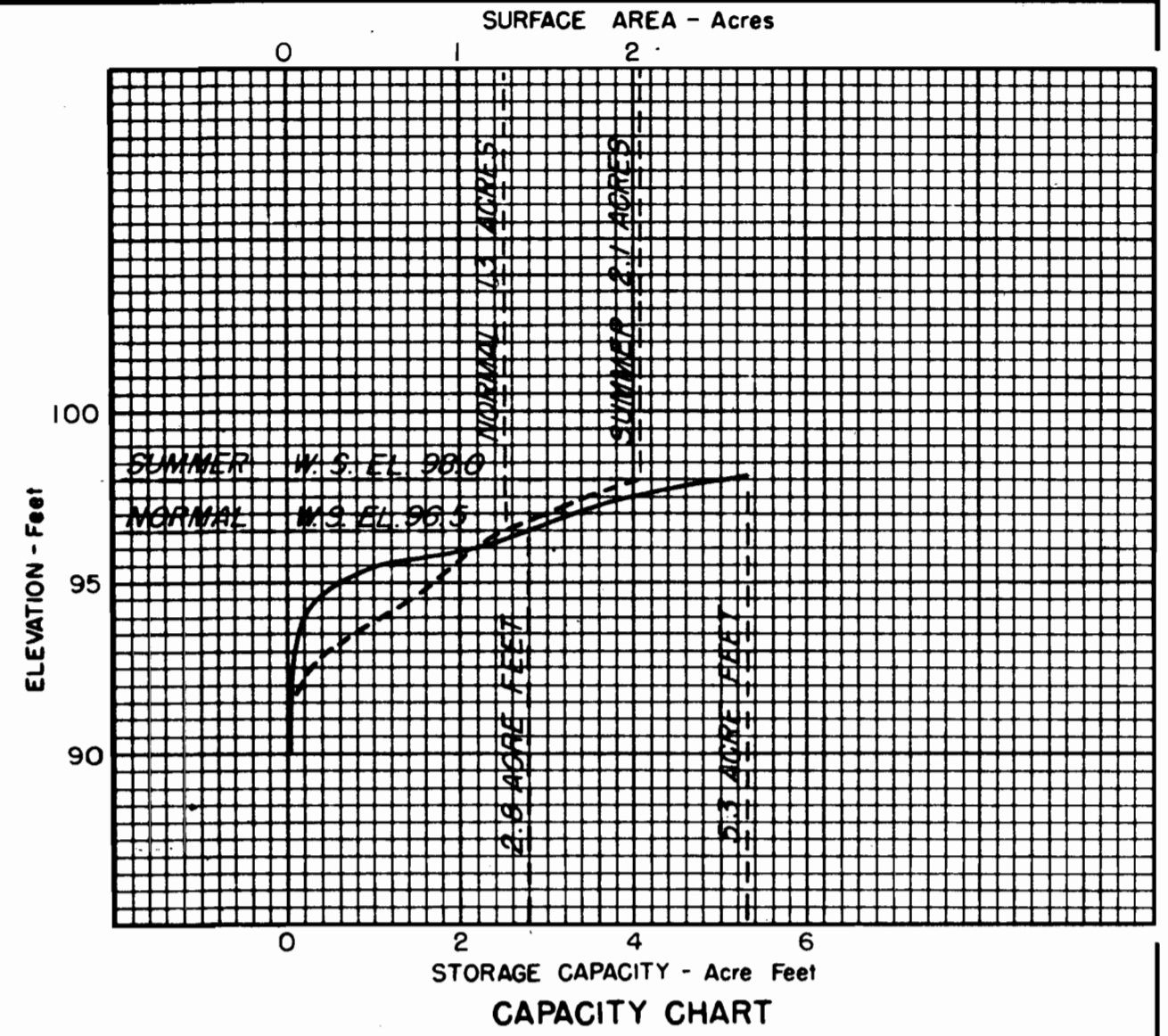
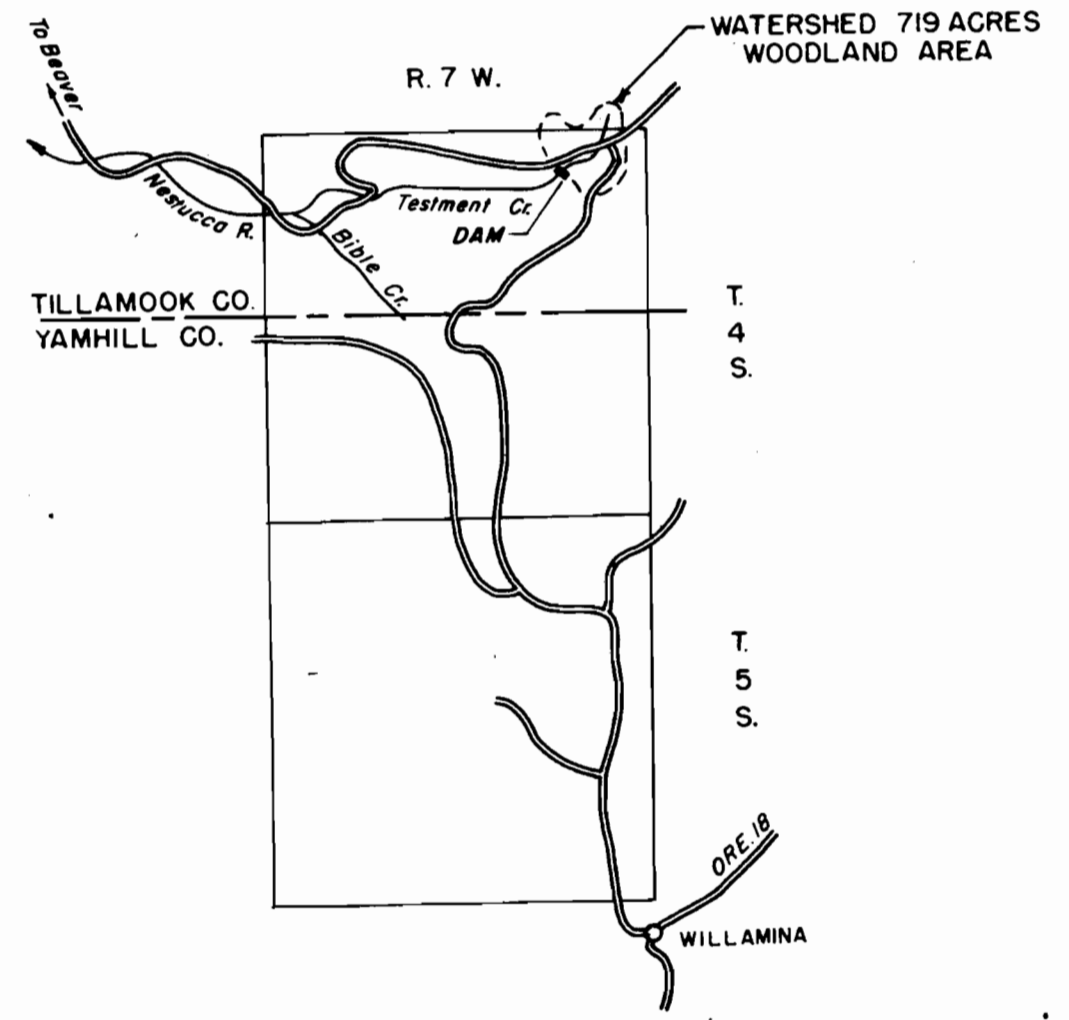


PLAN OF STORAGE AREA AND DAM SITE

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



CAPACITY CHART



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
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> 6-56
RECOMMENDED	CHECKED
APPROVED <i>Robert B. Miller</i>	DRAWING NO 7-0-16007