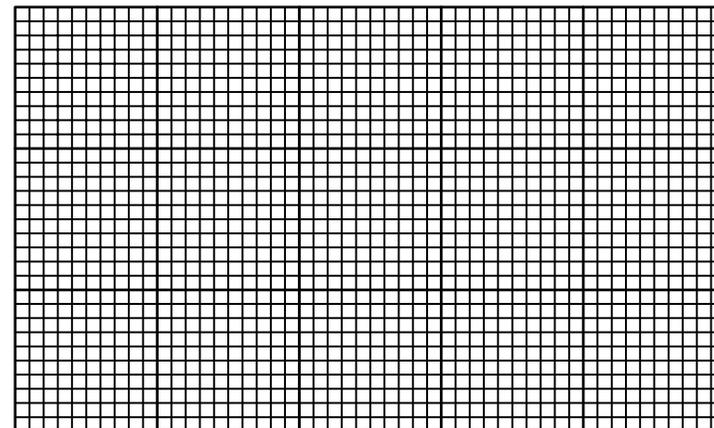


ESTIMATE OF RUNOFF
R.E.F. U.S.D.A. BULLETIN NO. 1859

RUNOFF FACTORS

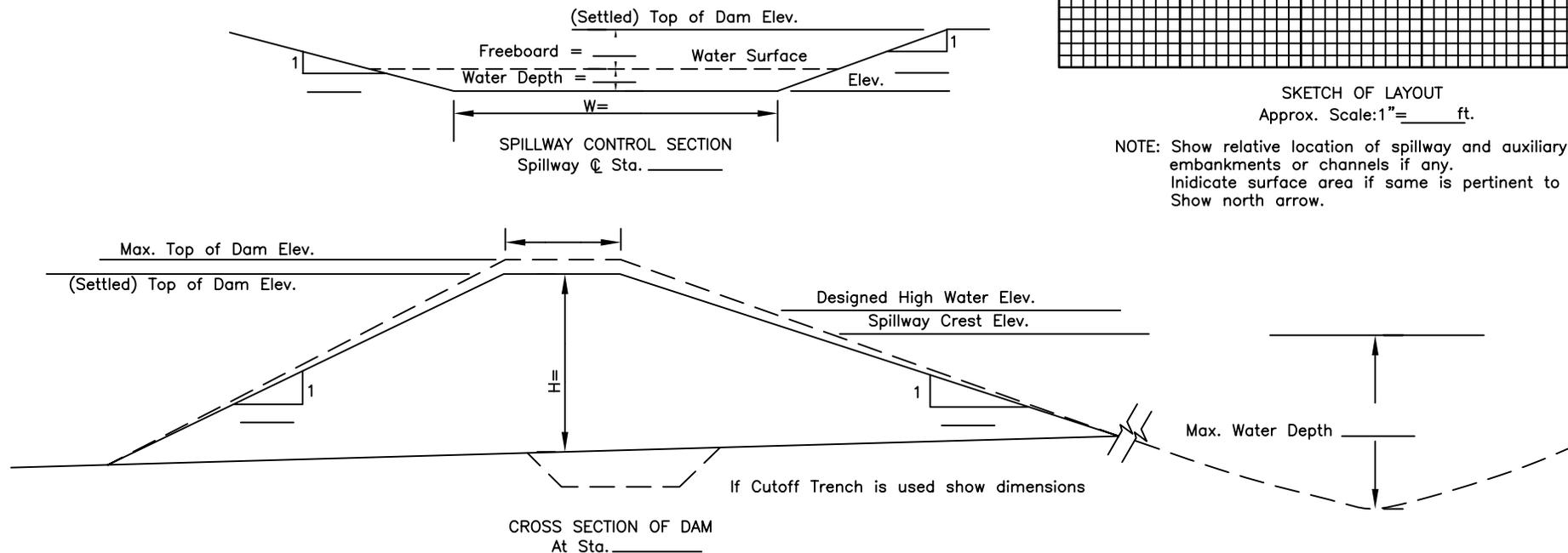
Relief _____
Infiltration _____
Cover _____
Surface Storage _____
Sum of watershed type factors _____
Drainage Area _____

D X R X F = _____ C.F.S.
DESIGN DISCHARGE



SKETCH OF LAYOUT
Approx. Scale: 1" = _____ ft.

NOTE: Show relative location of spillway and auxiliary embankments or channels if any. Indicate surface area if same is pertinent to design. Show north arrow.



NOTE: This form will be used for layout design, performance or spot check of simple dams or ponds. (Special designs showing similar design or construction data will be used for specific structures when more appropriate.) Performance or spot check data may be placed on separate forms or may be superimposed on the original if adequately identified by note or different color.

Survey notes serving as basis for design and checking will be recorded in accordance with Engineering memo S.C.S. 39. Attach loose leaf notes or cross reference to field book.

Attach yardage computations or show same on reverse side of this form.

Sec. _____ T. _____ R. _____

EARTH QUANTITIES

Principal embankment	_____ Cu. Yds.
Back fill in cutoff trench	_____ Cu. Yds.
Auxiliary embankments	_____ Cu. Yds.
Excavated material not used embankments	_____ Cu. Yds.
Total	_____ Cu. Yds.
Old embankment if any	_____ Cu. Yds.
Net Total	_____ Cu. Yds.

BILL OF MATERIALS
(pipe conc. riprap, etc.)

NAME OF COOPERATOR _____				ACP SERIAL NO. _____		NAME OR NUMBER OF DAM _____		PRACTICE NO. _____		ACP. YEAR _____		LAYOUT BY _____		CHECK BY _____		SPOT CHECK DATE _____		DATE _____	
SURVEY NOTES FILED										PLAN FOR SMALL DAM									