29N502

STRUCTURE DATA

State Environmental Class _____

Class of Structure _____

Drainage Area (total) _____ Ac. _____ Sq. Mi.

(uncontrolled) _____ Ac. _____ Sq. Mi.

Time of Concentration _____ Hours

Soil Cover Complex Number _____ For A.M.C. II

Sediment Capacity Available _____ Ac. Ft. below Elev. _____

Total Sediment Capacity Available _____ Ac. Ft.

Capacity Equivalents (Vol.) _____ In.

Retarding Capacity Provided _____ Ac. Ft.

Capacity Equivalents (Vol.) _____ In.

Water Supply Provided _____ Ac. Ft.—Identify Uses

Principal Spillway:

Maximum Capacity (low stage) _____ c.f.s.

Maximum Capacity (high stage) _____ c.f.s.

10 Day Drawdown Elev. _____

Auxiliary Spillway:

Percent Chance Use _____ Storm Duration _____

Type _____ "n" Value Used _____

Auxiliary Spillway Hydrograph for Class _____ Structures

Rainfall _____ in.

Runoff _____ in.

Peak Inflow _____ c.f.s

Maximum Discharge — Auxiliary Spillway _____ c.f.s.

Maximum Water Surface Elev. _____

Velocity of Flow (Ve) _____ f.p.s.

Supplementary Data and Special Design Features:

Principal Spillway Crest Elevation = _____

Auxiliary Spillway Crest Elevation = _____

Auxiliary Spillway Bottom Width = _____

Top of Settled Dam Elevation = _____

Height x Storage = _____ x _____ = _____

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Freeboard Hydrograph for Class _____ Structures

Rainfall _____ in.

Runoff _____ in.

Peak Inflow _____ c.f.s.

Maximum Discharge — Auxiliary Spillway _____ c.f.s.

Maximum Water Surface Elev. _____

$\frac{Oe}{b}$ = _____ Ac.Ft./Ft.

Reservoir Capacity

Elevations

Total Storage — Ac. Ft.

Supplementary Data and Special Design Features:

DRAFT

NOT FOR CONSTRUCTION

Date

Designed

Drawn

Checked

Approved

STRUCTURE DATA SHEET

United States Department of Agriculture

NRCS Natural Resources Conservation Service

File Name

Drawing Name 29-N-502

Sheet of

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