

# ENGINEER'S HYDRAULIC/HYDROLOGIC DRAINAGE SUMMARY AND CERTIFICATION

VILLAGE OF SWANSEA ♦ 1444 BOUL AVE. ♦ SWANSEA, IL 62226 ♦ (618) 234-0044

Date Received: \_\_\_\_\_

## IMPORTANT INSTRUCTIONS

This summary shall be submitted by the Subdivider's/Developer's Engineer at the time of submittal of drainage calculations and improvement plans for the subject development. The purpose of this drainage summary sheet is to assist the Village in the timely and accurate review of drainage design by the developer's engineer. Missing or incomplete data can cause delays in the review and approval process.

NAME OF SUBDIVISION: \_\_\_\_\_ DATE: \_\_\_\_\_

SUBDIVIDER/DEVELOPER NAME: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

ENGINEER'S NAME: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

### Detention Ponds/Basins

All detention ponds/basins proposed for the development shall have the following information provided: Detention Basin No. \_\_\_\_\_

Design Storm Event	10 year	100 year
Existing Tributary Drainage Area to Pond/Basin:	Acres	Acres
Proposed Tributary Drainage Area to Pond/Basin:	Acres	Acres
Existing Condition Composite Runoff Coefficient or SCS CN Number		
Proposed Condition Composite Runoff Coefficient or SCS CN Number		
Existing Condition Time of Concentration	Min.	Min.
Proposed Condition Time of Concentration	Min.	Min.
Existing Peak Runoff for Subject Watershed	Cfs.	Cfs.
Proposed Peak Discharge from Basin	Cfs.	Cfs.
Proposed Peak Discharge from Areas not Tributary to Basin but tributary to the subject watershed	Cfs.	Cfs.
Velocity of Discharge Pipe(s) into Detention Basin/Pond	Ft./Sec.	Ft./Sec.
Velocity of Discharge for Outfall Pipe from Pond/Basin	Ft./Sec.	Ft./Sec.
Computed Storage Required for each Storm Event	Ac-Ft.	Ac-Ft.
Storage Provided for each Storm Event	Ac-Ft.	Ac-Ft.
Max. Elevation of Water in Pond/Basin for each Storm Event	Ft.	Ft.

