



# CLARK COUNTY, INDIANA DRAINAGE PLAN REVIEW CHECKLIST

Project Name \_\_\_\_\_  
 Developer \_\_\_\_\_  
 Address \_\_\_\_\_  
 Date \_\_\_\_\_ \*Clark County Development No. \_\_\_\_\_

*The purpose of this checklist is to expedite and facilitate the review process. This checklist gives the minimum requirements needed for review. All items shall be checked as included or marked N/A. The omission of required items may be cause for rejection of the submittal without review.*

## REQUIRED ITEMS TO BE SHOWN ON THE PLANS

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> CCDB Plan Review Application<br><input type="checkbox"/> Location Map<br><input type="checkbox"/> Registered Professional Stamp<br>and Signature<br><input type="checkbox"/> Property Boundaries<br><input type="checkbox"/> Offsite Drainage Areas<br><input type="checkbox"/> Drainage Flow Arrows<br><input type="checkbox"/> Pipe, Length, Size, Slope, Type<br>and Number<br><input type="checkbox"/> Pipe Profiles for Through<br>Drainage<br><input type="checkbox"/> Adjacent Property Owners<br><input type="checkbox"/> Existing and Proposed Easements<br><input type="checkbox"/> Existing and Proposed Structures<br><input type="checkbox"/> Erosion and Sediment Controls<br><input type="checkbox"/> Headwater at Culvert Pipes (100-year)<br><input type="checkbox"/> Standard Underground Utility Notes<br><input type="checkbox"/> Existing and Proposed Topography and Contours, including area 25' outside of property<br><input type="checkbox"/> Adequate information/details pertaining to storage basin and drainage structures | <input type="checkbox"/> Owner Name/Address<br><input type="checkbox"/> Street Name and R/W<br><input type="checkbox"/> Inlet Drainage Areas<br><input type="checkbox"/> Inlet Grate/Invert<br>Elevation<br><input type="checkbox"/> Existing Sanitary Sewers<br><input type="checkbox"/> Channel Profiles for Through Drainage<br><input type="checkbox"/> Existing and Proposed Utilities<br><input type="checkbox"/> Existing and Proposed Impervious Areas (clearly<br>depicted)<br><input type="checkbox"/> Existing and Proposed Drainage Structures<br><input type="checkbox"/> Proposed Sanitary Sewers Location & Elevation<br><input type="checkbox"/> 100-Year Flood Plain Limits<br><input type="checkbox"/> North Arrow<br><input type="checkbox"/> Scale<br><input type="checkbox"/> Legend<br><input type="checkbox"/> Total Project Acreage and Number of Lots | <input type="checkbox"/> Plan Date<br><input type="checkbox"/> Revision Date<br><input type="checkbox"/> Inlet Type<br><input type="checkbox"/> Headwall Type<br><input type="checkbox"/> Pipe Chart (refer to<br>attached example) |
|---|--|---|

The Design Professional that stamped and submitted plans must sign the checklist.

\_\_\_\_\_  
 Design Professional's Signature Date

\* To be assigned by the Clark County Planning Commission

# CLARK COUNTY, INDIANA DETENTION ANALYSIS CHECKLIST

Project Name \_\_\_\_\_

Submission Date \_\_\_\_\_ \*Clark County Development No. \_\_\_\_\_

*The purpose of this checklist is to expedite and facilitate the review process. This checklist gives the minimum requirements needed for review. All items shall be checked as included or marked N/A. The omission of required items may be cause for rejection of the submittal without review.*

- \_\_\_\_\_ Table of Contents
- \_\_\_\_\_ Explanation of Analysis with Assumptions
- \_\_\_\_\_ Analysis of Downstream Capacity Limitations
- \_\_\_\_\_ Composite Drainage Area Map(s) - Pre-development
- \_\_\_\_\_ Composite Drainage Area Map(s) - Post-development
- \_\_\_\_\_ Time of Concentration (Tc) Supporting Calculations - Pre-development
- \_\_\_\_\_ Time of Concentration (Tc) Supporting Calculation - Post-development
- \_\_\_\_\_ Runoff Coefficient or Curve Number Calculations & Map - Pre-development
- \_\_\_\_\_ Runoff Coefficient or Curve Number Calculations & Map - Post-development
- \_\_\_\_\_ Calculations of 100-year Peak Flow Pre-development Runoff
- \_\_\_\_\_ Calculations of 100-year Peak Flow Post-development Runoff
- \_\_\_\_\_ Calculations of 2, 10 and 100-year By-passing or Unmitigated - Post-development
- \_\_\_\_\_ Basin Volume Data (Elevation/Storage)
- \_\_\_\_\_ Basin Grading Plan
- \_\_\_\_\_ Basin Outlet Structure Data and Construction Details
- \_\_\_\_\_ Basin Overflow Component (Positive Through Drainage Outlet)
- \_\_\_\_\_ Additional 100-year Analysis Check of Overflow Function (Upstream Developed Condition)
- \_\_\_\_\_ Basin Routing Data (Stage, Storage, Peak Elevation, Peak Inflow and Outflow)
- \_\_\_\_\_ Combined Hydrographs (2, 10 and 100-year peak flows) Routed and Unmitigated
- \_\_\_\_\_ Velocity Dissipation Calculation is (Property Line Point Discharge)
- \_\_\_\_\_ Complete Summary of Drainage Analysis

I, the undersigned, acknowledge by signature that these documents meet or exceed the design standards of the Drainage Ordinance of the City of Charlestown and that they were prepared under my supervision. I, the undersigned, further acknowledge that to the best of my knowledge and belief, the products resulting from these documents will function as intended.

\_\_\_\_\_  
Design Professional's Signature

\_\_\_\_\_  
Date

*Please use this checklist for all future submittals. Although we feel this checklist is complete, we recognize there is room for improvements, so please give us your feedback. By working together on this, we can make the review process better for everyone involved.*

\* To be assigned by the County.