CHECKLIST FOR SUBMITTAL OF DEVELOPMENT PLANS FOR REVIEW UNDER FLOOD SAFETY AND PROTECTION ORDINANCE - HOPKINSVILLE, KENTUCKY

In order that timely and complete review of each submittal be made, the information on the following checklist shall be provided:

1. Name of Project _____ 1a. Fee Paid ($50.00)

2. Developer _____ Phone _____

   Address _____

3. Engineer _____ Phone _____

   Address _____

   Registration# _____

4. Complete Plans and Specifications Attached (in three copies):

   Yes ____ No ____ If No, Why _____

5. Type of Project:
   ____ A. Development, new construction and substantial improvements (including the placement of prefabricated buildings and mobile homes).
   ____ B. Subdivision proposals and other proposed new developments.
   ____ C. New or replacement water supply systems and sanitary sewage systems, natural gas, telephone, underground electricity, etc.
   ____ D. Alteration or relocation of a watercourse.

6. The project is located
   ____ A. Totally within the area of special flood hazard.
   ____ B. Partially within the area of special flood hazard.

7. The Plans and Specifications shall include the following data
   ____ A. Existing and Final Contours of USGS datum.
   ____ B. Location of all proposed construction.
   ____ C. Final grade contours.
   ____ D. Structures floor elevation on USGS datum.
   ____ E. Complete details of drainage system.
   ____ F. Complete details and contours of detention basin, if used.
   ____ G. Complete details of controlled release structure, if used.
   ____ H. Cross sections of all ditches with carrying capacity.

____ I. Size and grades of all pipes with design capacity.
____ J. Side slopes and erosion protection methods on all slopes and open channels.
____ K. Engineer's seal and Registration Number.
____ L. Vicinity Map.
____ M. Clear definition of the development area and drainage area(s).
____ N. Where fill area extends into the flood plain, provide at least four cross sections of the flood plain; one 100 feet downstream of the site, two at the site, and one 100 feet upstream of the site.
State per lot assumptions of impervious surface area (in square feet).

8. Design data and calculation shall include the following as well as any additional support or reference information that will be necessary for evaluation:

A. Development area and calculations for each drainage area, include:

	Before Development	After Development
____	Pervious _____ S.F	_____ S.F.
____	Impervious _____ S.F.	_____ S.F

B. Method used to calculate Storm Water Runoff
____ Calculations included ____ Other Support Information

C. Runoff for 100 year Storm of 3 hour duration (for each drainage area):

____ Calculation included ____ Other Support Information

1. Prior to Development _____ C.F.
2. After Development _____ C.F.
3. Excess Storm Water (2-1) _____ C.F.

D. Routing information for each Drainage Area and Detention Basin:

____ Calculation included ____ Other Support Information

1. Runoff Routed through Detention Basin _____ C.F.
2. Runoff not Routed through Detention Basin _____ C.F.

E. Detention Basin Data (for each Detention Basin):

____Calculations included ____ Other Support Information

1. Facilities for Storm Water Retention_____
2. Surface Area at Maximum Pool_____
3. Elevation of Maximum Pool_____
4. Volume at Maximum Pool_____
5. Storm Water Release Rate of Maximum Pool_____
6. Storage Duration for 100 Year Storm_____
   (maximum allowed 72 hours)

9. Sinkholes located in the project area:	Yes	No
A. Will be left undisturbed	___	___
B. Will be filled	___	___
C. Will be used for release of stored water	___	___

10. Maintenace method and frequency_____
_____
_____

11. To the best knowledge of the undersigned, the information and exhibits herewith submitted are true and correct:

CERTIFIED BY:

_____ _____

DEVELOPER DATE ENGINEER DATE

_____

REGISTRATION# DATE