



Village of Glen Ellyn
Planning & Development Department
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**DRAINAGE PLAN REVIEW AND
REQUIREMENTS
(DRIVEWAYS, PATIOS AND DISTURBED AREAS
BETWEEN 300 AND 1500 SQUARE FEET)**

A drainage plan must be submitted for a storm water review and approval if the work disturbs a site area between 300 and 1,500 square feet. A disturbed area includes a new building, addition, accessory structure, retaining wall, impervious surface, landscaping or change of grade. **If there are any existing drainage problems on the property or adjacent properties, or the Village Stormwater Engineer deems it necessary, a grading survey per the Village standards may be required.**

The drainage plan must include the following information:

1. The drainage plan must be drawn to a minimum scale of 1 inch equals 20 feet. The plan must be labeled with the property address and be dated. All revisions to the plan must be dated on the plan. The plan shall not exceed 24" by 36". The required information added to an existing Plat of Survey is generally acceptable.
2. The drainage plan must show the direction of storm water flow across the property. Using arrows show the existing flow direction with dashed or fine lines and proposed flow direction with solid or bold lines. If a drainage swale or ditch is present please indicate on the plan. If the proposed work will not change the existing grades please specify on the plan.
3. The drainage plan must show the location of all existing and proposed buildings, driveways, walkways, patios, decks, retaining walls, fences, and all other structures and significant trees on the property.
4. The drainage plan must show the location, area and depth of any disturbance or change to the existing grade including the removal of existing soil or the addition of any fill, soil, stone or mulch materials.
5. The drainage plan must show the location and orientation of all existing and new downspout outlets, sump pump discharge outlets and underground storm water piping, structures and outlets. Any underground piping must exit into a drywell or daylight at grade to allow water to travel across the permitted property for a minimum of 20 feet prior to reaching a property line.
6. A drywell or infiltration system is required if the runoff from the new impervious area is directed toward adjoining properties or public right of ways, unless it can be demonstrated that adequate conveyance capacity is available. The drywell/infiltration system shall be sized to store $1.25''$ of runoff from the increased impervious area. (XX square feet of new impervious $\times 1.25 / 12 = XX$ cubic feet of storage).
7. The Village's Drainage Plan Certificate must be signed by the Property Owner and submitted with the proposed Drainage Plan.

The following information may be required if applicable to the existing conditions or proposed work:

8. The locations of all utility structures located within 10 feet of the disturbed area.
9. If the property is located within 50 feet of a designated floodplain, the floodplain elevation and floodplain limits must be shown along with a statement referencing the current FEMA FIRM by number and effective date.
10. If a storm water management easement (detention basin) is present on the property the limits of the easement and 100-year high water level must be shown.
11. Location and dimensions of the specific storm or surface water drainage system to serve the site together with connections to offsite drainage facilities, including inverts of connection points.
12. Locations, sizes and material types of the sanitary and water service lines, proposed B-box locations, and horizontal clearance between sewer and water service lines. Contact the Public Works Department at (630) 469-6756 for additional utility information including material specifications.

