

**CITY OF MT. PLEASANT**  
**DRAINAGE PLAN CHECKLIST**

No site plan or building shall be approved or any other permit issued unless the Owner has provided that the storm water runoff is within the capacities as provided for within the City of Mt. Pleasant Storm Water Management Ordinance.

In order for the Owner, Developer, or Builder to be in compliance with the ordinance, he/she shall submit to the City of Mt. Pleasant for review, one complete set of the site drainage and grading plan and one copy of the calculations for allowable discharge and on-site storage requirements, as prepared by a Registered Professional Engineer or Architect. Each of the following items shall be included on the plan:

- \_\_\_\_\_ Total acres of development.
- \_\_\_\_\_ Total acres of watershed, including both onsite water and establishing storm water.
- \_\_\_\_\_ Drainage district lines including sub-district lines contributing to individual storm sewers and rear lot line drainage systems.
- \_\_\_\_\_ Location of site including dimension to nearest intersection road or section line.
- \_\_\_\_\_ Existing ground elevations at maximum 50 foot centers, including shots on perimeter of site a minimum of 50 foot beyond or as needed to show off site contributing areas.
- \_\_\_\_\_ Elevations of ground, edge of pavement, and buildings final phase within 50 foot of site.
- \_\_\_\_\_ Top of curb, gutter, ditch line, and centerline of road elevation at maximum 50 foot intervals.
- \_\_\_\_\_ Existing storm catch basins, manholes, sewers, and culverts showing rim, invert, and size elevations. Also show material type and size.
- \_\_\_\_\_ Proposed elevations showing grades of proposed improvements, control, and building elevations.
- \_\_\_\_\_ Lawn/landscape areas with prepared finished grades.
- \_\_\_\_\_ Location, size, length, slope, and type of proposed storm water and rear lot drains.
- \_\_\_\_\_ Rim and invert elevation(s) of proposed manholes and catch basins, including rear lot drainage.
- \_\_\_\_\_ Location of onsite storage showing contour line for top of storage elevation.
- \_\_\_\_\_ Cross Sections, dimensions, and/or details defining the shape of proposed detention basins in non-paved areas.