



Residential Drainage and Approach Plan Requirements

The plan shall contain the following:

- _____ North arrow
- _____ Scale
- _____ Benchmark (City of Farmington Hills, USGS Datum)
- _____ Applicant's name
- _____ Legal description
- _____ Title "Drainage and Approach Plan"
- _____ Legend including differentiation between existing and proposed grades
- _____ Street name and right of way
- _____ Location map
- _____ Type of surface on street with pavement width
- _____ Lot lines or parcel lines with dimensions
- _____ All existing utilities and structures (hydrants, poles, catch basins, manholes, etc.)
- _____ All existing buildings and their addresses (on-site and within one hundred feet off-site)
- _____ Existing ditches and culverts along with grades
- _____ Existing grades:
 - _____ Centerline of road
 - _____ Edge of road (top of curb, edge of pavement or edge of gravel)
 - _____ Inverts of road ditch (to first culvert up and downstream or 100 feet)
 - _____ Property line (each corner and at 50 ft. intervals)
 - _____ Brickledge (every building within 100 ft.)
 - _____ Center of lot
 - _____ 50 ft. and 100 ft. off-site grid
- _____ Proposed grades:
 - _____ Brickledge at proposed building (4 corners minimum)
 - _____ Property line (each corner and at 50 ft. intervals)
 - _____ Inverts of ditch in roadway at projected property line
 - _____ Inverts of proposed drive culvert(s)
 - _____ Center of rear and front yard
- _____ Proposed setback dimensions
- _____ Drainage arrows for proposed on-site drainage
- _____ Type, size length of proposed culvert(s)
- _____ Proposed drive approach material, width, slope, dimensions
- _____ Erosion and sediment control measures
- _____ Sump pump discharge (if applicable) – location, material, size, clean out
- _____ Original signature and seal of Registered Engineer, Land Surveyor, or Architect
- _____ Water service line, sanitary service line – location, material, size, clean out locations
- _____ Drainage swale location and typical cross section
- _____ 100 year floodplain elevation (if applicable)
- _____ Easements – existing and proposed

Note: A complete property line survey is not required on parcels over 1.5 acres and requirements shall be considered on an individual basis.