

**MARQUETTE TOWNSHIP PUBLIC WORKS DEPT.
WATER CONSTRUCTION PERMIT**

1. The construction of any water main which is designed or intended to serve a fire hydrant, sprinkler system, or one or more separate buildings, dwelling or mobile homes, by connection to the Public Water system, shall not be constructed by any person before filing with the Superintendent of Public Works the plans and specifications therefore, and obtaining from the Superintendent of Public Works a permit for such construction. Any person or the agent of any person applying for such a permit shall file with the Superintendent of Public Works an application giving:
 - a. The name, address, and telephone number of each contractor who will be involved in constructing the improvement.
 - b. The correct names and addresses of all owners of land, and a legal description of the respective parcels wherein the improvement is to be made.
 - c. Evidence that all permits as required by law have been or will be issued.
 - d. The plans and specifications for the improvement.
 - e. The estimated cost of the work set forth in the plans as estimated by the engineer preparing the plan.
 - f. The appropriate fees.
 - g. Other information deemed necessary by the Superintendent of Public Works.

2. An application for a permit shall be accompanied by plans and specifications for the work, a site plan, a location map and a survey drawing. Plans and specifications shall conform to Township design standards. All plans shall be submitted on 24-inch by 36-inch white prints having blue or black lines, and shall be neatly and accurately prepared and contain, at a minimum, the following information:
 - a. Title block showing name and description of property; name of registered engineer, date, scale, etc.
 - b. North arrow.
 - c. Bench marks (USGS Datum).
 - d. Engineer's stamp or seal.
 - e. Existing contour lines.
 - f. Proposed contour lines.
 - g. Off-site evaluations (100 feet on each side of parcel).
 - h. Existing utilities – proposed future utilities.
 - i. Street names and R.O.W. width.
 - j. Easements.
 - k. Lot numbers and dimensions of acreage or tract.
 - l. Stationing.
 - m. Names of adjacent plat or subdivisions.
 - n. Tie from nearest cross street or section corner.
 - o. Location of proposed building on property.
 - p. Sewer and water services (location, inverts, and size).
 - q. Location and elevations of ditches, culverts, and county drains.
 - r. Water main location and type.
 - s. Cover (Minimum of 7 feet).
 - t. Bedding (Class "B" minimum).
 - u. Compaction of trenches across roadways, driveways, sidewalks, and parking lots (Class II granular backfill at 95% compaction).
 - v. Hydrant locations.
 - w. Gate valve and well locations.
 - x. Existing utilities in profile, crossing proposed water main.

3. Submittal requirements. The applicant shall submit six (6) sets of final plans and specifications to the Superintendent of Public Works. The Superintendent of Public Works will ensure proper submittal to the Michigan Department of Environmental Quality for its issuance of a PA 399 permit.
4. Design standards. Water mains shall be designed according to Ten State Standards, Michigan Department of Environmental Quality standards and Township Utility Department Standards.
5. Easements shall be prepared by the applicant and granted to the Township when required by the Superintendent of Public Works. Minimum requirements are as follows:
 - a. All public utilities require easements.
 - b. Minimum Width shall be 20 feet.
 - c. Utilities in easements shall be at least 2 feet from side or rear lot lines.
 - d. Developments traversed by a water course or containing a water area shall provide a storm drain easement or other means of access for public maintenance of flow.
 - e. Public walkway easements, not less than 10 feet wide, shall be provided and constructed where requested.
 - f. Easements shall be prepared by a registered land surveyor or engineer and shall include both a metes and bounds description and a survey drawing.
6. Deeds conveying title to the completed and approved water main line or system, including all water mains, valves, equipment and appurtenances contained within the confines of the easement described in the preceding paragraph, but expressly excluding any lateral lines, or other equipment or plumbing which are to remain private, shall be prepared by the applicant and granted to the Township where required. Minimum related requirements are as follows:
 - a. Applicant shall provide at his or her expense a policy of title insurance or a current and complete abstract showing marketable title in the premises encompassed by the easement and containing the water main line or system being conveyed to the Township.
 - b. Conveyance shall be by a duly executed warranty deed.
 - c. The deed shall be recorded at the Marquette County Register of Deeds office at the Township's expense.
7. Three sets of blue line and one set of mylar as-built plans shall be submitted upon completion of the development and be certified by a registered Engineer or Land Surveyor. In addition, a GIS compatible layer shall be submitted on AutoCad disk. Michigan State Plane coordinates shall be provided utilizing NAD 83/94 (HARN) survey datum. Units of measure shall be in feet.

CONSTRUCTION PERMIT FEE

A. Review Fee:

A fee equal to 2% of the estimated cost of improvements as determined by the design engineer.

B. Inspection Fee:

Construction Cost	Inspection Fee
\$0 - \$2,500	\$150
\$2,500 - \$7,500	8% but not less than \$300
\$7,500 - \$15,000	6% but not less than \$600
\$15,000 - \$30,000	4% but not less than \$900
Over \$30,000	3% but not less than \$1,200