

**PITTSFIELD CHARTER TOWNSHIP
ELECTRONIC REQUIREMENTS FOR RECORD SET DATA**

September 21, 2005

Once the Hard Copy drawings have been reviewed and approved per the Township's requirements, the Site Plan must be submitted on a Compact Disc (CD) as follows:

1. Labeled with Site Plan Name, Contractor Name and Date.
2. Contain the Proposed Site Plan in AutoCAD format (record-set version).
 - a. Files should be geo-referenced accordingly:
 - i. All utility structures must be shown using the Global Satellite Positioning (GPS) survey provided by the Township.
 - ii. Site to be on Michigan State Plane Coordinates Michigan South Zone. Vertical elevations shall be based on U.S.G.S. Datum (NAD 1983).
 - iii. Units should be in International foot.
 - b. AutoCAD files should NOT contain the following:
 - i. Splines
 - ii. X references
 - iii. Images
 - iv. Inserted
 - c. Utility pipes should be drawn in the following manner:
 - i. Direction of flow (from upstream node to downstream node).
 - ii. A single line for each pipe (not a polyline).
 - iii. Lines should be snapped to the center of each utility structure.

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January 20, 2004

- d. All lines, points and corresponding text should be organized on their own individual layer. For example:
 - i. Water main and leads = line and ID number (text).
 - ii. Water valve = point and ID number (text).
 - iii. Water hydrant = point and ID number (text).
 - iv. Water structure = point and ID number (text).
 - v. Sanitary pipe and leads = line and ID number (text).
 - vi. Sanitary force main = line and ID number (text).
 - vii. Sanitary manhole = point and ID number (text).
 - viii. Storm pipe = line and ID number (text).
 - ix. Storm manhole = point and ID number (text).
 - x. Storm catch basin/inlet = point and ID number (text).
 - xi. Storm outfall = point and ID number (text).
 - xii. Culvert = point and ID number (text).
 - xiii. Sidewalk.
 - xiv. Edge of pavement.
 - xv. Contours.
 - xvi. Watercourse.
 - xvii. Building outline.
 - xviii. Property lines and development boundary