GENERAL DESIGN STANDARDS FOR DPS – ENVIRONMENTAL SERVICES GROUP

a) All field surveying and topographic work to be completed using State Plane Coordinate System (SPCS) and the North American Vertical Datum of 1988 (NAVD 88).

b) Where feasible, all data collected for this project to be provided to the County in Environmental Systems Research Institute (ESRI) Shapefile or Geodatabase digital format in the same projection as used by the County (NAD-1983-HARN State Plane Michigan South FIPS 2113). Digital data must be Federal Geographic Data Committee (FGDC) metadata compliant. Different types of data are generally to be provided as separate Geographic Information System (GIS) files.

c) All written final products (e.g., technical memoranda, construction specifications, etc.) to be provided in the formats specified below:

- Digital:
  - o Original source file format. Microsoft products (e.g., WORD, Excel, etc), AND
  - o PDF format.

- Hardcopy (paper): Paper size appropriate to the product.

d) All final drawings (e.g., construction plans) or similar figures to be provided in the formats specified below:

- Digital:
  - o Original source file format in products compatible with the latest version of AutoCAD or approved equal, AND
  - o PDF format.

- Hardcopy (paper): As appropriate to the product. Paper size for final construction plans typically E size (24-in x 36-in) or as approved by the County.

- Hardcopy Record Drawings: E size (24-in x 36-in).

e) All pictures to be provided in the formats specified below:

- Digital: JPEG, TIF, BMP, or PNG format
- Hardcopy (paper): Glossy photo paper sized appropriate for the detail to be shown.