

City of Bethlehem Bureau of Engineering

Requirements for As-Built Drawings

1. All final drawings shall show North American Datum (NAD) 1983 State Plane Coordinates in feet (Pennsylvania South, FIPS Zone 3702) and the digital file shall be in State Plane Feet Coordinates as applicable. The hard copy of the record drawings shall be in the form of a Mylar copy. The engineer of record shall certify (i.e. P.E. stamped and signed) that the record drawings comply substantially with the approved plan and that they conform to industry standards. All digital files shall reside on PC compatible CD Rom containing the digital representation of the final plan as presented on the twenty-four (24) inch by thirty-six (36) inch sheets. The digital map shall be AutoCAD compatible. All layers included in the digital maps shall be the standardized layers prepared and utilized by the City of Bethlehem to ensure compatibility with the City's existing CADD standards and as described in Appendix A of the City's Subdivision and Land Development Ordinance.
2. The AutoCAD file shall have the title block bound to the file(s).
3. Storm and sanitary sewers shall be shown including, size, length, material, grade and inverts.
4. Water lines shall be shown including size and material.
5. Contours shall be shown.
6. Any improvements within the public right-of-way (curb, sidewalk, driveways, etc.) shall be shown including dimensions.
7. Top and bottom of curb elevations shall be shown every 30' along curb location within the public right-of-way.
8. The building footprint including dimensions shall be shown. Addressees shall also be shown within the building footprint.
9. All site data including address, property S.F., parcel ID number, Deed information, etc. shall be included.
10. The Benchmark information shall clearly be labeled.