

CAD REQUIREMENTS

The Consultant is responsible for the following:

1. Electronic computer-aided-drafting (CAD) drawing files shall be created using either AutoCAD or AutoCAD Civil 3D version 2023.
2. When requested, electronic CAD drawing files shall be submitted in AutoCAD or AutoCAD Civil 3D 2023 DWG format as well current Adobe PDF files of the drawings/plan set. Civil 3D support files are to be delivered at this time as well.
3. Electronic CAD drawing files shall conform to the most current COS-BIM Standards which can be found at: [COS-BIM-Standards.pdf \(seattle.gov\)](#)
4. The Prime consultant is responsible for the coordination, review & compliance of meeting the COS-BIM Standards for CAD work performed by a sub-consultant whom they have hired.
5. Electronic CAD drawing files (DWG, DST, DWF and PDF formats) must be submitted to your City Project Manager at 30%, 60%, 90% completion for a review of their conformity to our CAD Requirements. SPU projects can also be sent to your Technical Resources contact, visit SPU_CADsupport@Seattle.gov for submittals or CAD related questions on your SPU project.
6. Reviewed drawings/plan sets that do not conform to current COS-BIM Standards or CAD Requirements will be returned with comments & requested corrections.
7. Requested CAD corrections are required to be completed prior to the next submittal.
8. At 100%, time of advertisement, production of conformed drawing set, contract award or notice to proceed - 100% or final drawings must be submitted to your City Project Manager or to SPU Technical Resources in AutoCAD Civil 3D 2023 DWG format (including the Sheet Set Manager DST file) as well as in Autodesk DWF and Adobe PDF formats. Final Civil 3D data source files are to be delivered at this time as well.
9. At 100%, time of advertisement, production of conformed drawing set, contract award or notice to proceed - the consultant is required to provide the City with:
 - a. One complete, full size pdf document with electronic signatures affixed via City of Seattle Adobe Sign Administrator. Contact Dean.Huber@seattle.gov
10. The Prime Consultant/Contractor is responsible for the coordination, review & compliance of COS-BIM Standards for As-Built/Record Drawing work either performed by them or being provided to the City by a sub-consultant whom they have hired. As-Built/Record Drawings must meet the As-Built and Record Drawing Requirements documentation which can be found at [CAD Resources - Utilities | seattle.gov](#) as well as documentation or requirements as noted in the City Standard Plans & Specifications manual.