

# SPU/SDOT CAD REQUIREMENTS

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The Consultant is responsible for the following:

1. All electronic computer-aided-drafting (CAD) drawing files shall be created using either AutoCAD or AutoCAD Civil 3D version 2017.
2. When requested, all electronic CAD drawing files shall be submitted in AutoCAD or AutoCAD Civil 3D 2017 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. All electronic CAD drawing files shall conform to the most current SPU/SDOT CAD Standards which can be found at: [Seattle.gov/util/CAD](http://Seattle.gov/util/CAD)
4. The Prime consultant is responsible for the coordination, review & compliance of SPU/SDOT CAD Standards for any/all CAD work performed by a sub-consultant whom they have hired.
5. All electronic CAD drawing files (DWG, DST, DWF and PDF formats) shall be submitted to SPU Technical Resources at 30%, 60%, 90% completion for a review of their conformity to our CAD standards & presentation requirements. Contact [SPU\\_CADsupport@Seattle.gov](mailto:SPU_CADsupport@Seattle.gov) for submittals and questions.
6. Reviewed drawings/plan sets that do not conform to current CAD Standards will be returned with comments & requested corrections.
7. Requested CAD corrections are 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 will be submitted to SPU Technical Services in either AutoCAD or AutoCAD Civil 3D 2017 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 bond copy set of full size set prints (22"x34") with all required signatures.
  - b. A full size mylar (22"x34") of each drawing with all required signatures affixed.
  - c. Mylar's must be reverse read. 3 or 4mil thickness, double matte & black pigment based ink.
10. The Prime Consultant/Contractor is responsible for the coordination, review & compliance of SPU/SDOT CAD Standards for any/all As-Built/Record Drawing work either performed by them or being provided to the City by a sub-consultant whom they have hired. All As-Built/Record Drawings must meet the SPU/SDOT As-Built and Record Drawing Requirements documentation which can be found at [http://seattle.gov/util/Engineering/Consulting\\_Resources/For\\_Drafting\\_Consultants/](http://seattle.gov/util/Engineering/Consulting_Resources/For_Drafting_Consultants/) as well as any/all documentation or requirements as noted in the City Standard Plans & Specifications manual.