Drawing Standards for ULA Permit Submissions

ULA drawing submissions must be of legible design, clear and concise, and at a size relevant to overall project. Multiple pages may be required for legibility. Applications are received on-line and attachments must be in pdf format.

Drawing Requirements
Title Block must contain:
- Utility name and/or logo
- Project / Job file # / Plan #
- Consultant name, if applicable
- Location of proposed project
- Designed by: name & phone #
- Scale
- Issue date, and if applicable, revision date

Base Information
Must contain:
- Legal base plan to include lot descriptions, property lines, existing curbs, accesses, walkways and street/ave labels, or closest to.
- TUC and City boundaries must be clearly indicated on plan, if in view.
- North arrow
- Existing utility information
  Drawings submitted in monochrome (black & white) are to have all utilities directly labelled (Proposed construction/project to be significantly identified)
  Drawings submitted in colour to display:
  - Drainage in green
  - Water in blue
  - Power in red
  - Gas in version of yellow or magenta – to be clearly identified in Legend
  - Communications in orange, but unique stakeholder identification acceptable in colours different from any above – to be clearly identified in Legend
  (Proposed construction/project preferred in heavy black)
- Remove unnecessary information that clutters display.

Construction Proposal
Must contain:
- Proposed project clearly identified
  For monochrome drawings, proposal can be in any single colour
  For drawings submitted in colour, preference is proposal in heavy black solid line => directional bore ───────
  dashed line => trenching ── ── ── ── ──
- Construction notes to indicate type of installation and location (eg. Install 1-100mm conduit, 2.3m n/s p/l).
- Distances to surrounding utilities.
- Offsets to property lines or curbs, otherwise coordinates in 3TM.
● All units in metric.
● Construction notes to indicate ‘PUSH’ for road and/or driveway crossings; if applicable.
● Notes on plan should provide explanation of proposed work – larger scaled detail plan may be used to clarify complex areas.
● All symbols relevant to your design should provide complete written description *(i.e. type and size of pedestal/cabinets; vaults & handholes)* or detail plan views and dimensions in metric.
● A key plan must be included for projects in difficult to locate areas or those covering a large area (especially in ‘named’ subdivisions).
● Aerial cable not required to be shown, and is preferred removed to avoid clutter, unless aerial work is included in the ULA.
● Construction notes to indicate clearance to other utilities is maintained when proposed alignment is in vicinity of other utilities.
● Specify any planned reduced clearances from standard and the corresponding agency contact.
● Should revision to submitted design be required, area of revision to be clearly identified with revision cloud.

**Construction Notes must contain:**

● Utility locate contacts:
  o ie. Alberta One Call @ 1-800-242-3447 [http://albertaonecall.com/](http://albertaonecall.com/)
  o and/or Shaw Cable @ 1-866-DIG-SHAW [https://digshaw.ca/](https://digshaw.ca/)
● Any and all Information relevant to construction.
● Include additional comments with regards to Pipeline Agreements and/or pipeline identification.
● A note stating that all utility boxes are to be installed in accordance with the City of Edmonton Guidelines for Telecommunication Pedestals of Public Road Rights-of-Way.
● A reference to each utilities’ minimum standard clearance.

**Legend must identify:**

● Displayed linetypes and utility represented
● Symbols relevant to design