

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/>
 - o and/or Shaw Cable @ 1-866-DIG-SHAW <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