

Municipal Consent Application Drawing Requirements

All drawings must:

1. Be accurate
2. Be in metric
3. Show utility depths
4. Have distinct line types that make it easy to distinguish between types of proposed utility
5. Be of plan and profile form (road and structure crossings)

Details to include:

1. An arrow that shows which direction is north
2. A legend
3. The drawing's scale
4. Street names for all streets
5. Property and building numbers for all properties and buildings
6. 911 address (if known)
7. Property lines, right-of-way limits and easement limits
8. Description, location and dimensions of proposed utility
9. Offsets from nearby features such as curbs, edge of road or shoulder, center of ditch, driveways, sidewalks, fences or utility poles etc.

If any of these features are present along the road, they must be included in the drawing:

1. Driveways
2. Pavement edges or curbs along the road
3. Guide rails or cables
4. Sidewalks
5. Fencing
6. Ditches
7. Shoulders
8. Existing utilities that may be affected by the work
9. Above or below-ground structures that may be affected by the work

The following minimum horizontal and vertical clearances must be incorporated into the proposed design:

All dimensions in millimeters (mm)	Minimum Vertical Clearance	Minimum Horizontal Clearance
Watermains including appurtenances	500	900
Storm Sewers	500	900
Sanitary Sewers	500	900
Street Light Ducts	500	600
Traffic Signal Ducts	500	600
Maintenance Holes	N/A	600
Catch Basins	N/A	600
Ditch Centerline	900	1000
Grade (within road)	1500	N/A
Grade (outside the road, behind the curb or shoulder)	900	N/A
Culverts	500	500

Utility plants and conduits are prohibited:

1. Beneath or within the sidewalk*
2. Beneath or within the ditch*
3. Beneath or within the front slope of a ditch*
4. Beneath or within the road*
5. Beneath or within the shoulder of the road*
6. Above a storm sewer
7. Above a culvert
8. Beneath a maintenance hole, valve chamber or catch basin

* underground conduit or mains may be installed perpendicular to cross the infrastructure while maintaining minimum clearances