



Electrical Servicing



Building Inspection
1st Floor, City Hall
910 - 4 Avenue South
Lethbridge, Alberta T1J 0P6

Phone: 403-320-3920
Inspections: 311

PLACEMENT OF UNDERGROUND

ELECTRICAL, NON VEHICULAR AREAS

750 VOLTS

USEB cable is no longer an option for feeding any circuits.

NMWU cables must be protected by an appropriately sized rigid PVC conduit where they rise from the trench.

If using armoured cable, it shall be run in such a manner that the mechanical and electrical continuity of the armour is maintained throughout the run, and the armour of cables shall be mechanically and electrically secured to all equipment to which it is attached.

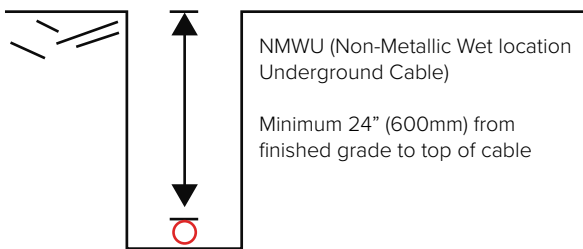
Suitable marking tape is to be placed approximately half way between cable or raceway and finished grade level.

Distances may be reduced by 6" (0.150mm) for each form of mechanical protection.

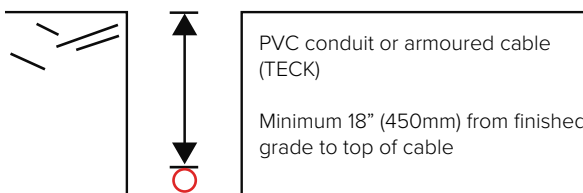
Mechanical protection is a form of protection placed above an approved electrical conductor, along the entire length. Examples of approved mechanical protection are:

- Treated planking at least 38mm thick
- Poured concrete at least 50mm thick
- Concrete slabs at least 50 mm thick

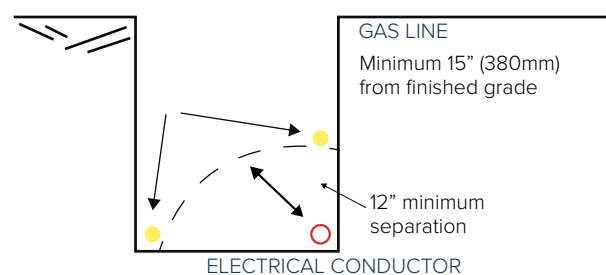
OPTION 1 * Subject to field inspection



OPTION 2 * Subject to field inspection



OPTION 1 * Subject to field inspection (see above for min. distances)



OPTION 2 * Subject to field inspection (see above for min. distances)

