

Excavation Guidelines

General

- 1. If any exposed underground plant including but not limited to electrical cable, copper wire, or duct are damaged during excavation, please report to SYNERGY NORTH so immediate repairs can be made to mitigate any safety hazard(s) to the public.
- 2. If deviations related to elevation or grade occur from approved drawings, please report to SYNERGY NORTH at (807) 343-1176.

Poles and Anchors

- 3. No excavation below 0.45m (18in) and within 5m (17.5ft) meters of a structure (pole or anchor) is permitted without approval by SYNERGY NORTH. See Figure 1 for further details.
- 4. When pole support is deemed necessary, a minimum of 72 hours' notice is required, please contact SYNERGY NORTH at **(807) 343-1176** to schedule.
- 5. Excavation in the vicinity of hydro poles and anchors should be backfilled as soon as possible; and compacted in layers of 150mm (6in). Backfill must be free of ice, frozen or organic material, and rock.



Figure 1: Example of Excavation near Synergy North Hydro Pole



Excavation Guidelines

Pad Mounted Equipment

- No Excavation within 2.5m (8ft) of pad mounted equipment is permitted without approval by SYNERGY NORTH. See Figure 2 for further details. A minimum of 72 hours' notice is required, please contact SYNERGY NORTH at (807) 343-1176 to schedule.
- 7. Excavation in the vicinity of pad mounted equipment should be backfilled as soon as possible and compacted in layers of 150 mm (6in). Backfill must be free of ice, frozen or organic material, and rock.



Figure 2: Example of Excavation near Synergy North Pad Mounted Equipment

Duct and Cable

- 8. When exposing/undermining underground cable/duct is deemed necessary, a minimum of 72 hours' notice is required. Please contact SYNERGY NORTH at (807) 343-1176 to schedule. Backfill as per SYNERGY NORTH instructions.
- 9. If energized cable is exposed, it must be protected by suitable barriers for the duration of the work.
- 10. If during excavation, cable or duct is exposed, it is not to be undermined or suspended for a length greater than 3m (10ft).
- 11. Cables and ducts must not be moved from their original installation location or depth.