



# Conduit, trench and aerial connection

**Ctal**

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# CONDUIT (*250' maximum*)

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- The passage of the fiber is authorized in a conduit of **less than 250'**, exceeding this length a trench is to be considered.
- The conduit must be water pipe (Carlon) with a **minimum** diameter of **1½ inches**, withstanding a minimum pressure of 100 lbs.
- The draw string inside must withstand a **minimum** pressure of **210 lbs**. On the day of installation, the conduit must be in **place and clear**, and the draw string must be **free to move**.

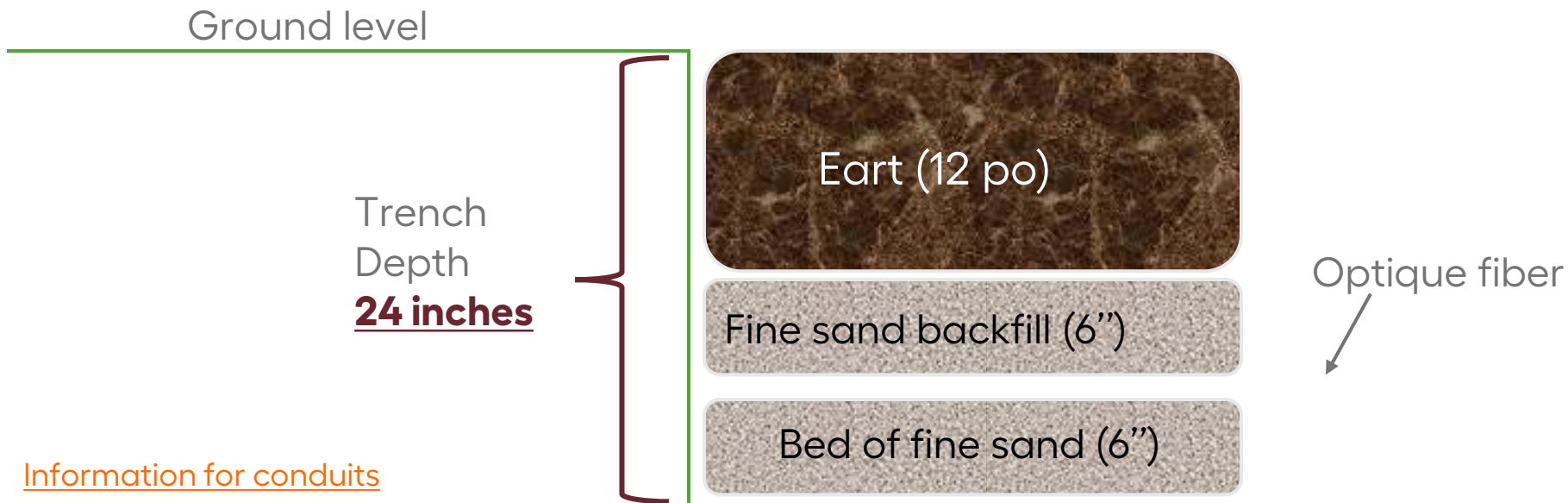
\*Regardless of the length, when a conduit already exists, it's **your responsibility** to check its pull string, especially if it's moving properly, to make sure the conduit is free and clear.

If the technician can't get the cable through, the installation will have to be **rescheduled** (involving considerable delays).



# TRENCH

- Trenches are recommended for distances of **over 250 feet** between the house and the termination box: the gray box located near your Hydro Québec meter.
- The trench must have a **minimum** depth of **24 inches** from ground level.
- The bottom of the trench must be **open** and contain a bed of fine sand **about 6 inches** thick on the day of the appointment.
- \*If the fiber is to pass where there is **frequent traffic** with cars or heavy machinery, you must put a **conduit** with a **pull string** inside the length of the traffic space. Example: a driveway or parking lot.

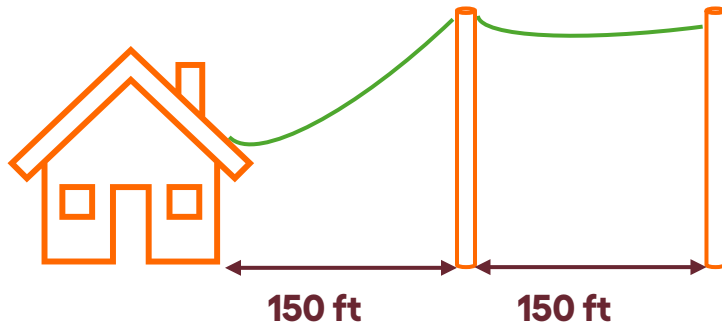


# AERIAL CONNECTION

- This type of connection is used when no trench or conduit is required.
- **Maximum 150-foot** span between two poles or between pole and house.
- On the day of installation, poles must **be installed** and comply with **safety standards**.

Here are the recommendations for installing a service pole.

A maximum distance **of 150'** is allowed between the house and the pole.



Technical specifications of a pole:

- The total length of the pole is **30'** and class 7.
- The buried part is **5' ½** deep.
- The above-ground portion is **24' ½** visible.

