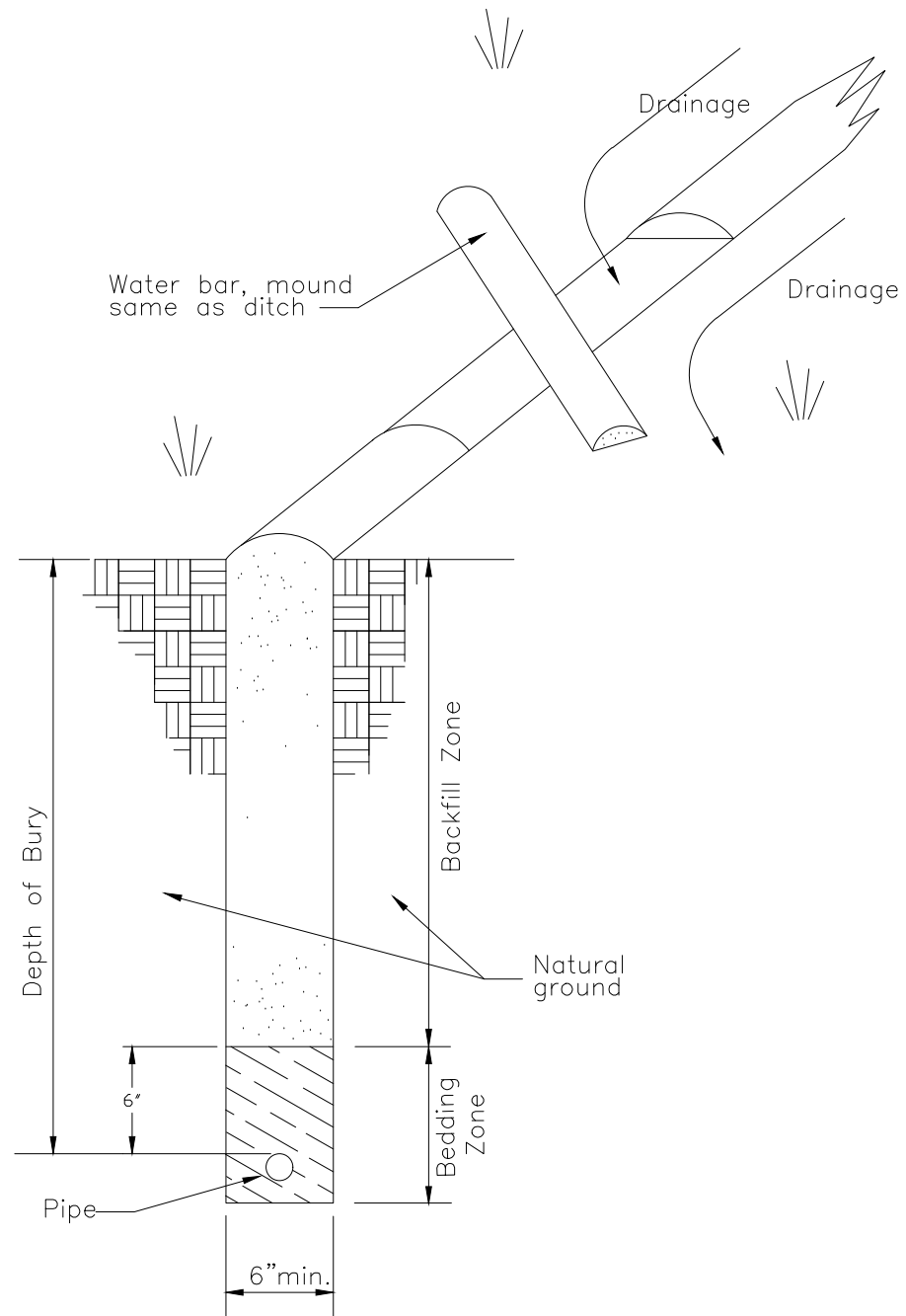


TRENCH WITH WATER BAR

Typical trench detail

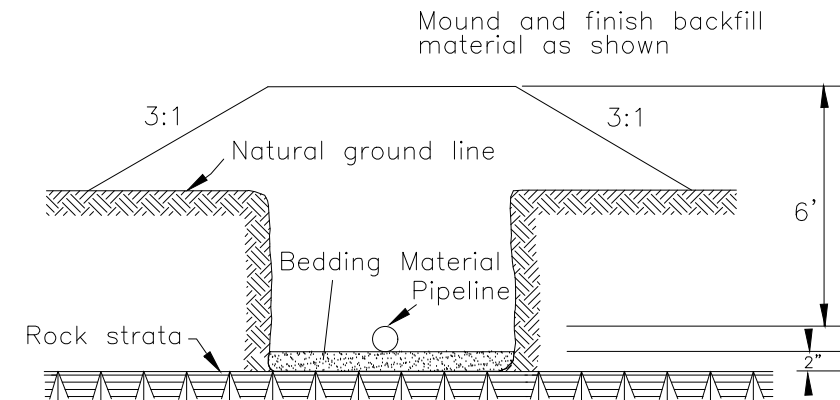


TRENCHER BACKFILL DETAILS

Not to Scale

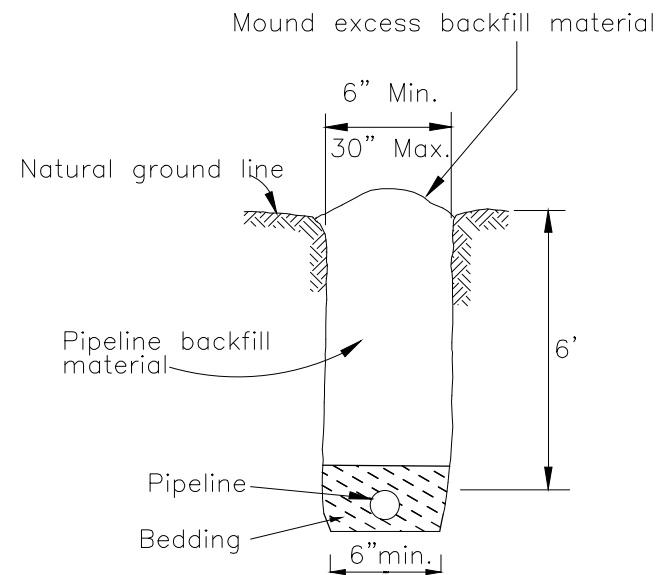
Slope % *	Water Bar Interval-ft.
5 - 10	800
10 - 20	500
20 - 30	200

* Where distance is shorter than recommended interval, place one water bar midway on slope.



TRENCH BACKFILL MOUNDED

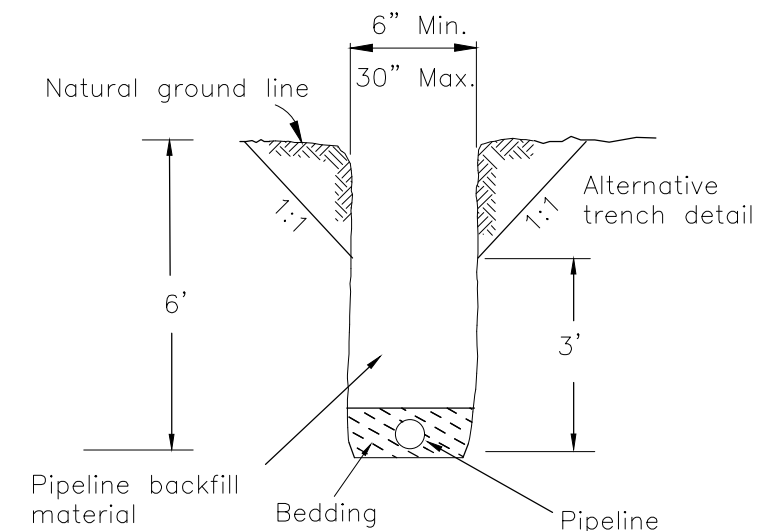
In the event of encountering an unpenetratable rock ledge during trenching, the backfill will be mounded over the trench to attain bury depth



TRENCHER BACKFILL

Not to Scale

All excavations must meet the requirements of OSHA, CFR 29 Part 1926, Subpart P



BACKHOE TRENCH EXCAVATION

Not to Scale

Note: use alternate trench detail when excavating in unstable soils

Date _____
 Designed _____
 Checked _____
 Approved _____

TRENCH DETAILS

OWNER: _____
 COUNTY: _____



Drawing Number
 ND-DWG-142

Date _____

Sheet _____ of _____