

## Version 21.00 FP2

**REMARK:** Regarding volumes. In Excel Quantity report 'pipe volume is subtracted from trench solid volume'. In Quadri, it's full volume.

Updates in Novapoint WS|Cable  
Base

- IMPROVED: Better 3D presentation of pipes in break points

Export - InfraModel

- FIXED: Bug in InfraModel export from WS; caused by mm ↔ m mistake reading pipe dimensions when calculating the invert elevation of pipes with reference point at outer top.

Construction

- NEW: Manhole > Connected pipes; shows offset from center for pipe start-/end point.
- NEW: Show pipe angles in manhole (activate from Tools menu)
- NEW: In vertical window; possible to move pipes vertically in trench (same UI as for editing gradient)

WS-menu

- NEW: Added new chunk for *Terrain analysis tools*