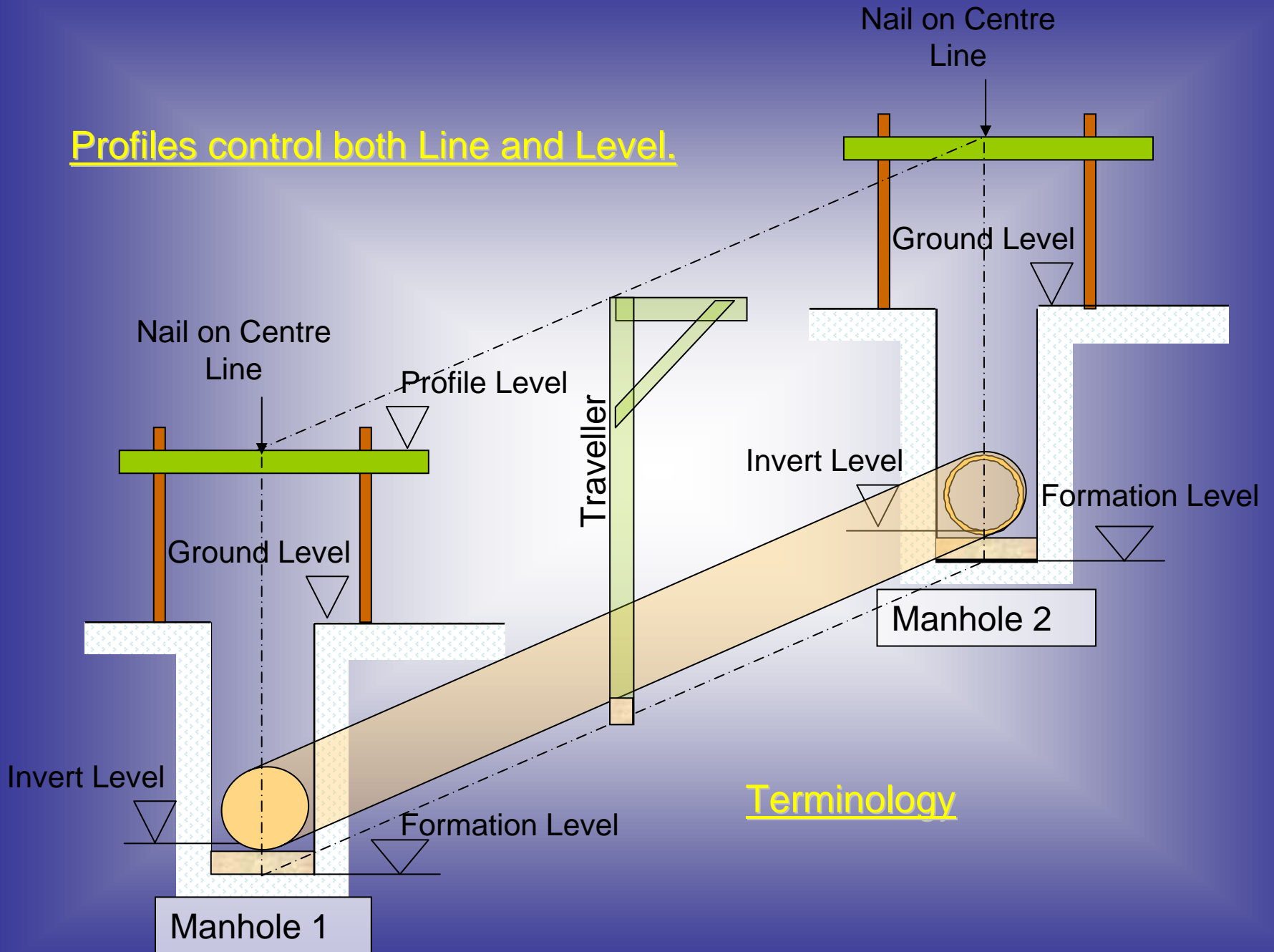


Profiles control both Line and Level.



Terminology

Manhole 1

If Invert Level = 19.123 (A)

And if Bedding plus Pipe wall = 0.170 (B)

Then Formation Level = (A) – (B) = 18.953 (C)

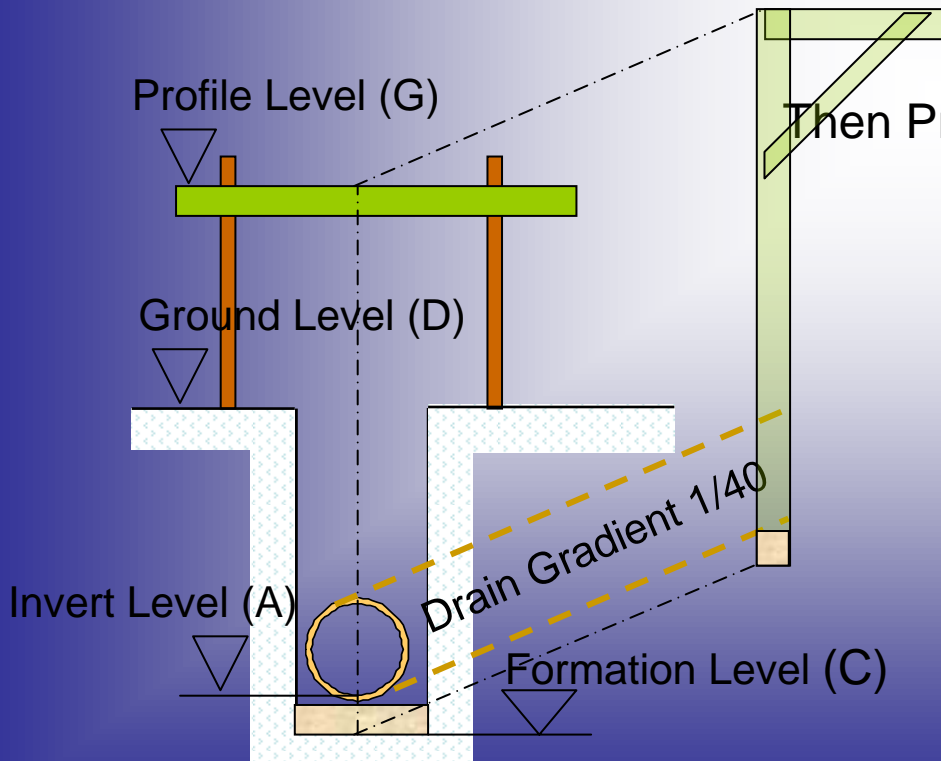
If Ground Level = 21.556 (D)

Then Trench Depth = (D) – (C) = 2.603 (E)

If Profile Height = 1.200 (F)

Then Profile Level = (D) + (F) = 22.756 (G)

And Traveller = (G) – (C) = 3.803



Manhole 2

Profile height at MH2 = Profile height at MH1 + VD

If the gradient is $1/40$, then $(VD) = (HD) / 40$

If the gradient is 2.5% , then $(VD) = (HD) * 2.5 / 100$

VD is added for a rising gradient

And subtracted for a falling gradient

Three profiles should be provided for each straight

