

Rockflow design:

[Designing a Rockflow system, how?](#)

Rockflow installation:

This is how Rockflow works: [Rockflow - YouTube](#)

How to install Rockflow: [Installation Guide Rockflow](#)

Maximum permissible vehicle axle load: [Product Data Sheet Rockflow](#)

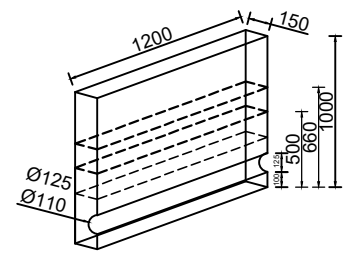
Project in progress, 28 second movie: [Rockflow installation](#)

Rockflow design principles / checks:

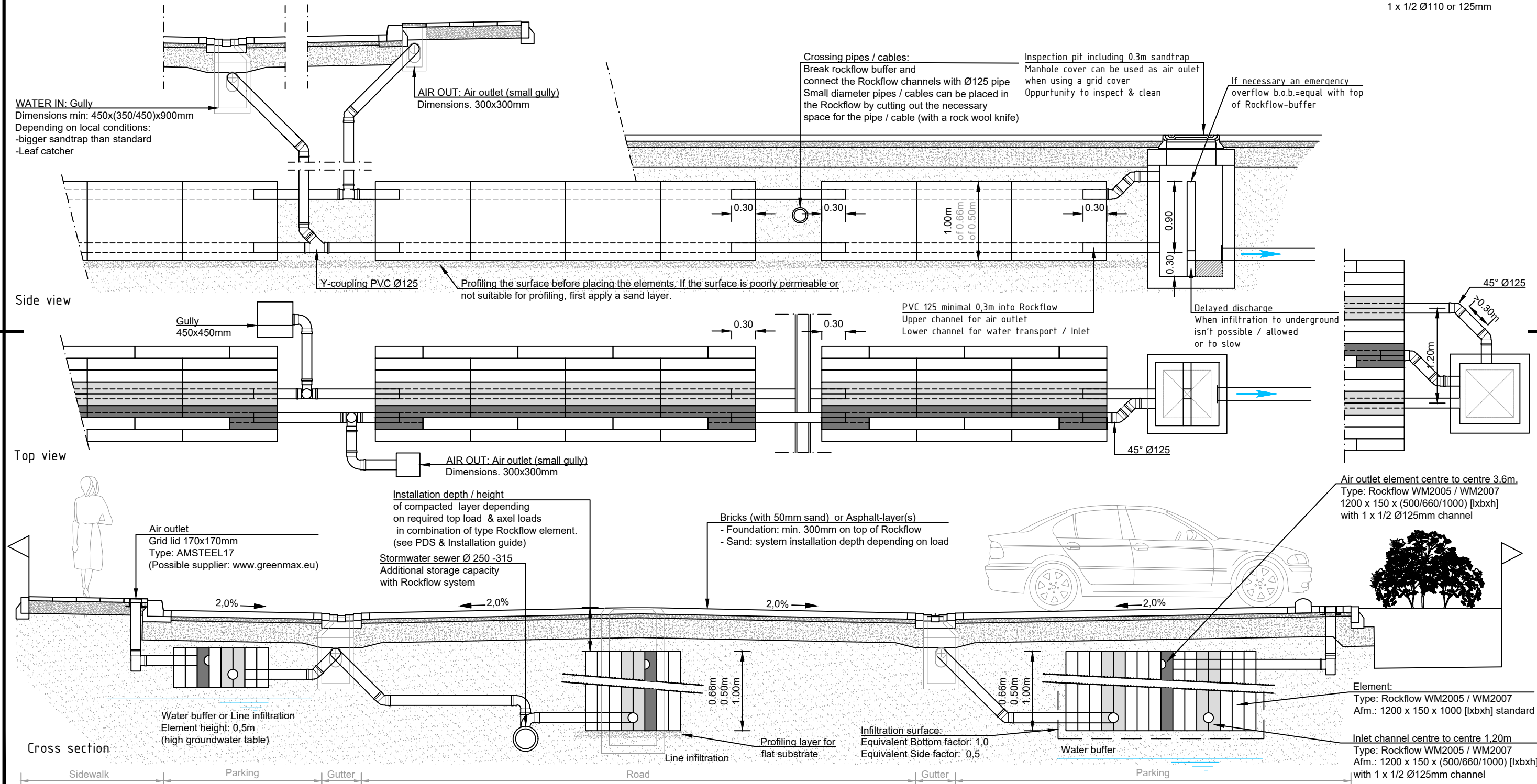
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|-----------------------------------------------------------------|-------------------|-------------------------------------------|
| 1. Surface (paved) to be disconnected: | M2 | |
| 2. Draft shower (T=? ; ?? mm) | T=? | ??mm |
| 3. Duration or design shower (t = ? min) | ? | hour |
| 4. Requested capacity to buffer in m3? | m3 | |
| 5. Availability of buffer within ? hour: | ? | hour |
| 6. Hydraulic design of upcoming sewerage: | ? | l/s/ha (110 l/s/ha; 160 l/s/ha; n.v.t.) |
| 7. Height terrain near the buffer: | +? | +NAP |
| 8. Groundwater level: | +? | +NAP |
| 9. Delta between ground level and GWS/GHG: | ? | m |
| 10. Type of pavement above Rockflow: | Asphalt or Pavers | (due to axle loads in construction phase) |
| 11. Design (traffic) load above Rockflow | ? t axle load | Greenery / axle load (10t / 15t / 20t) |
| 12. Maximum axle loads on foundation during CONSTRUCTION PHASE: | ? t axle load | Axle load(10t / 15t / 20t) |
| 13. Maximum axle loads (after installation) USE PHASE: | ? t axle load | Axle load(10t / 15t / 20t) |

- | | | |
|-------------------------------------------------------------|----------------------------------------------------------|---------------------------------|
| 14. Advice for type Rockflow element: | WM200 ? | (WM2005 / WM2007) |
| 15. Element height: | ? m | Standardheight 0.5m / 1.0m |
| 16. Advice regarding (specified) structure above Rockflow : | 0.?? m Asphalt or pavers+street sand | |
| | 0.30 m Foundation (mixed granulate) | |
| | 0.?? m Sand | |
| | 0.?? m Rockflow | |
| | 0.?? m Sand layer for profiling (depending on substrate) | |
| 17. Infiltration into soil possible / desired: | > ?? m/d K-value | (with poorly infiltrating soil) |
| 18. Is an emptying construction desired: | ? | |
| 19. Overflow necessary to sewer / watercourse: | ? | |
| 20. Is the Rockflow vent / aeration designed?: | ? | |
- Other points / questions:
a. -

Dimension Rockflow elements



Rockflow WM2005 / WM2007
1200 x 150 x height [mm]
with / without channel of
1 x 1/2 Ø110 or 125mm



Project: Rockflow watermanagement system most common details	Date: 30-11-2023	
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rain.rockwool.com/uk/disclaimer	Scale: 1 : 50	
	Version: 4	