

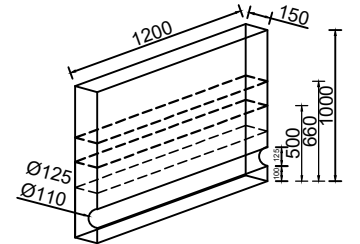
Rockflow design principles / checks:

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

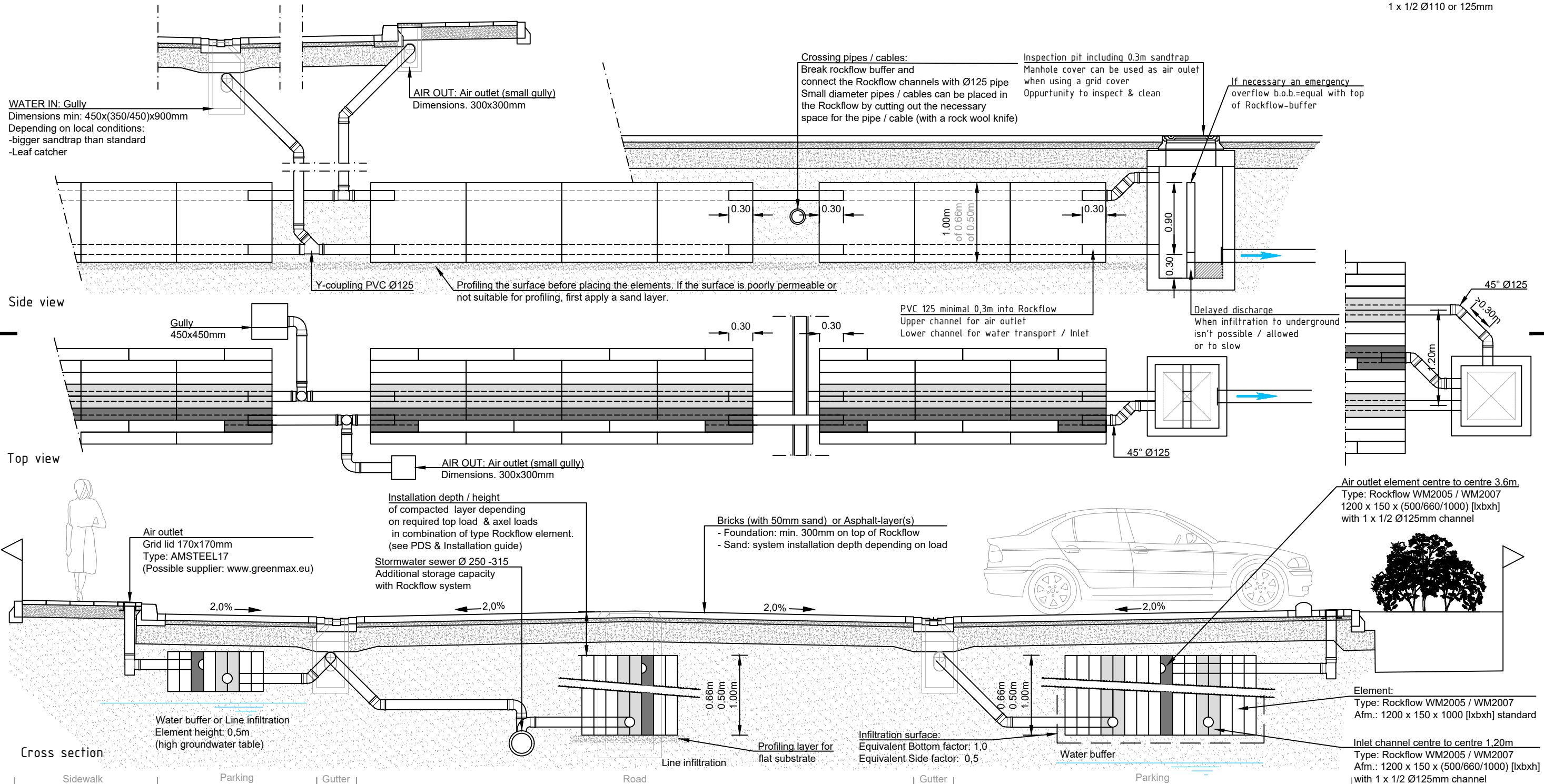
14. Advice for type Rockflow element:
 15. Element height:
 16. Advice regarding (specified) structure above Rockflow:
 17. Infiltration into soil possible / desired:
 18. Is an emptying construction desired:
 19. Overflow necessary to sewer / watercourse:
 20. Is the Rockflow vent / aeration designed?:
- | | |
|--|---------------------------------|
| WM200 ? | (WM2005 / WM2007) |
| ? m | Standard height 0.5m / 1.0m |
| 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) | |
| > ?? m/d K-value | (with poorly infiltrating soil) |
| ? | |
| ? | |
| ? | |

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
Projectnumber:
RF0000
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Date: 30-11-2023
Sheet size: A3
Scale: 1 : 50
Version: 4