

Technical drawing of a three-basin wastewater treatment plant layout. The drawing shows three rectangular basins (Bassin 1.1, 1.2, 1.3) with dimensions and technical specifications. It includes labels for existing and new infrastructure like stormwater overflow, retention piping, and skywater drains. Section lines A-A' and B-B' are indicated.

**Dimensions:**

- Overall width: 207.88
- Overall height: 80.69
- Basin width: 207.25
- Basin height: 80.10
- Section line A-A' distance: 23.22

**Basin 1.1 Specifications:**

|                     |                      |
|---------------------|----------------------|
| Effectief volume    | 12.300m <sup>3</sup> |
| Retentievolume      | 980m <sup>3</sup>    |
| Noodoverstortvolume | 2.380m <sup>3</sup>  |
| Oppervlakte         | 4.850m <sup>2</sup>  |
| Dijkhoogte          | 2.7m / 2.3m          |
| Diepte              | 0,9m                 |

**Basin 1.2 Specifications:**

|                     |                      |
|---------------------|----------------------|
| Effectiefvolume     | 12.260m <sup>3</sup> |
| Retentievolume      | 980m <sup>3</sup>    |
| Noodoverstortvolume | 2.390m <sup>3</sup>  |
| Oppervlakte         | 4.825m <sup>2</sup>  |
| Dijkhoogte          | 2,3m                 |
| Diepte              | 0,9m                 |

**Basin 1.3 Specifications:**

|                     |                      |
|---------------------|----------------------|
| Effectiefvolume     | 12.290m <sup>3</sup> |
| Retentievolume      | 980m <sup>3</sup>    |
| Noodoverstortvolume | 2.390m <sup>3</sup>  |
| Oppervlakte         | 4.830m <sup>2</sup>  |
| Dijkhoogte          | 2.3m / 2.7m          |
| Diepte              | 0,9m                 |

**Infrastructure Labels:**

- Noodoverstort (bestaand) 5xØ200
- Retentieleiding (Nieuw) 1xØ110
- hemelwaterafvoer vanaf kasdek (bestaand) 2xØ250
- hemelwaterafvoer vanaf kasdek (bestaand) 6xØ250
- koppelleiding Ø200

Diagram illustrating the cross-section of a water retention structure (likely a dam or levee) with various levels and dimensions:

- Top Level (Right):** +3.02m NAP (Normal Amplitude Point).
- Top Level (Left):** +0.32m NAP.
- Intermediate Level (Right):** -0.30m and -0.60m.
- Intermediate Level (Left):** +2.72m NAP (Bovenkant buis noodoverstort) and +2.42m NAP (Bovenkant buis retentieleiding).
- Bottom Level (Right):** -0.58m NAP.
- Dimensions:** 0.2m, 0.60m, and 0.30m.
- Structural Details:** Noodoverloop Ø200mm and Retentieleiding Ø110mm.

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