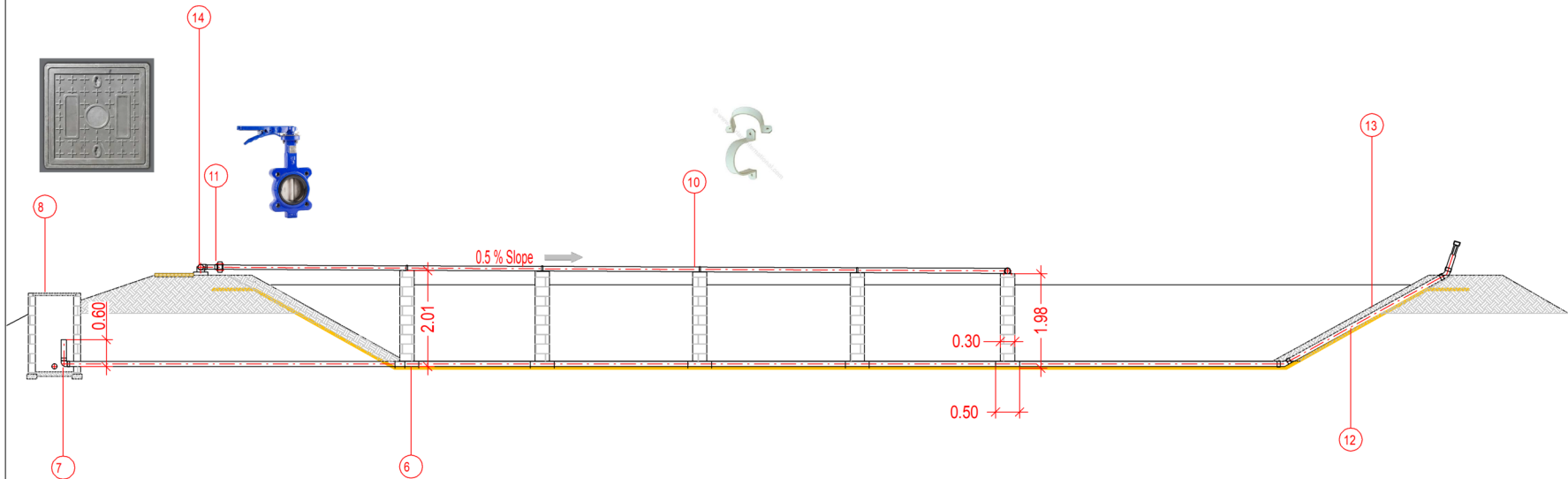


6. Connection from perforated drainage pipe D 110 mm to sewer pipe D 110 mm UPVC
7. Water level control, operational used mainly during startup phase, UPVC pipe D 110 mm PN 10 Mpa, 1x elbow 90° to pipe, DON'T GLUE joints to be removable
8. Prefabricated composite manhole lid with frame, class medium duty (MD), or equal
10. Distribution pipe, D 90 mm galvanized steel pipe metric thread socket; 1x flange welded on one side, 1x T-junction; pipe mounted onto the wall and columns
11. Butterfly valve D 90 mm with stainless steel blade and flange connection to UPVC pipe PN 10 - 12 MPa D 90 mm
12. Ventilation pipe consisting of PVCU pipe D 110 mm, 2x 45° elbow fitting, perforated end cap, connector, fit to D 110 mm drainage pipe;
14. Feeding pipe, uPVC pipe D 110 mm, PN 10 MPa, length 48 m; T-junction fit to pipe 6x items; reducer fit to pipe D 110 - 90 mm 6x items; revision opening as flange connection in uPVC D160 mm, flange with stainless steel bolts, bonded socket joint and blind flange
13. Soil cover, 300 mm top soil to cover dame liner against UV exposure, planted with Vetiver gras to prevent erosion



Notice:

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2. All dimensions are in [m] unless mentioned otherwise
3. Dimensions related with the structural design are not given in this layout drawings
4. All dimensions have to be checked and co-related with the structural design and any discrepancy or omission shall be brought to the notice
5. According to the DEWATS quality management all indicated tolerances have to be kept and will be checked on site

Legend:

WL - Water level GL - Ground level
 BL - Bottom level BR - Baffled Reactor
 PGF- Planted gravel filter
 ABR- Anerobic baffled reactor
 PBL- Pipe inner bottom level

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	Date:	Name:
Work out:	06/09/2019	
Proved:	-	-

Scale:

File: OXFAM_CxB_Phase 2

Document: DR 5.5

Project phase: Detail Engineering

Client: Oxfam Bangladesh

Title:

Planted drying bed - plan view
 Distribution level

Project:

OXFAM-CxB FSPT Phase II