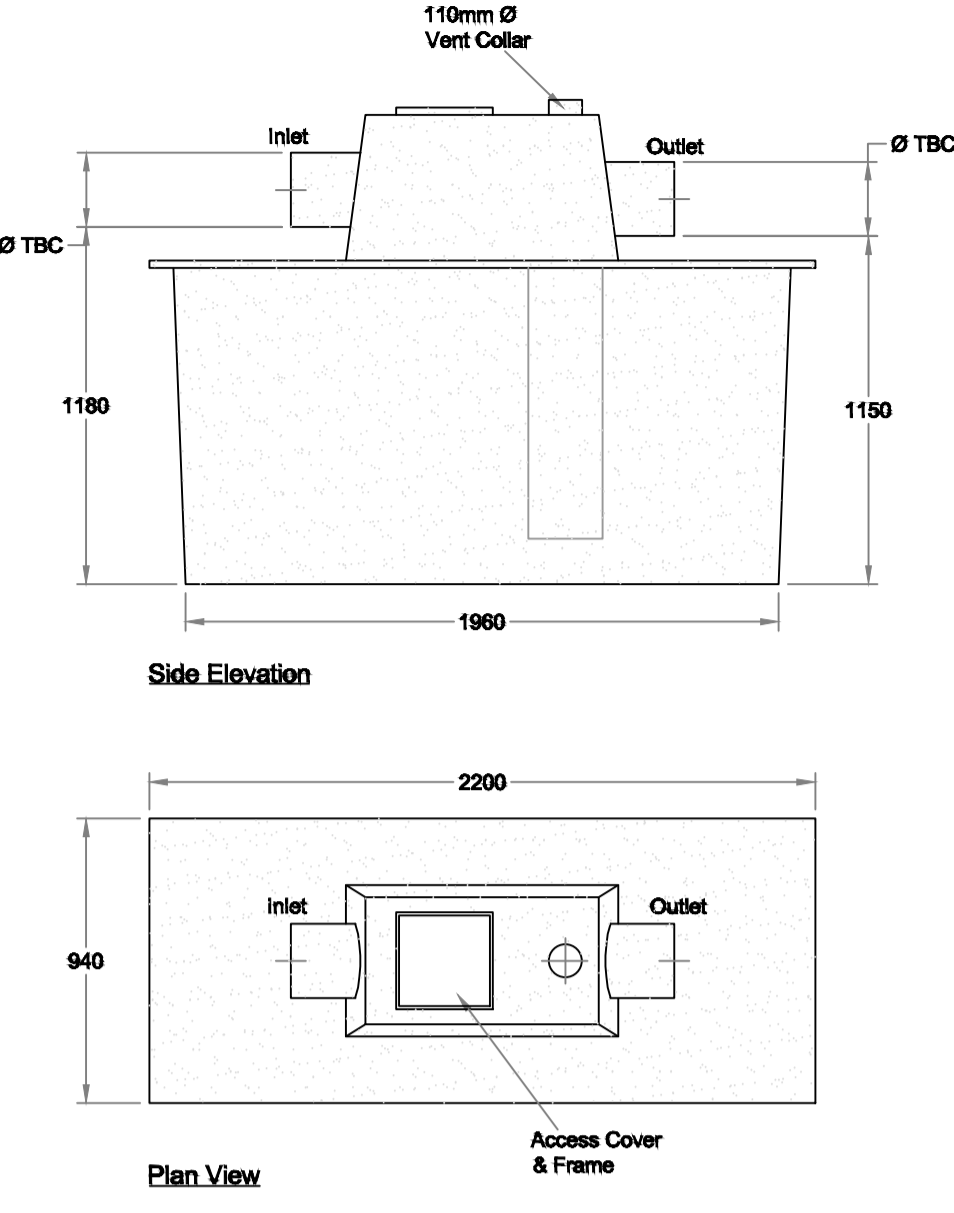
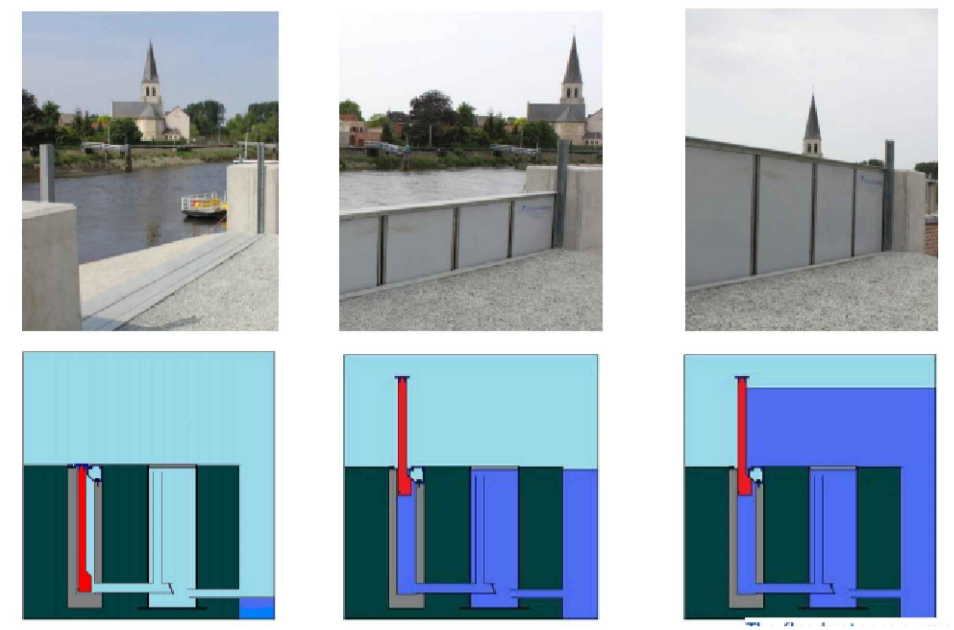


SECTION A-A
Scale 1:50



PETROL & OIL INTERCEPTOR BMS PB 1
Scale 1:25

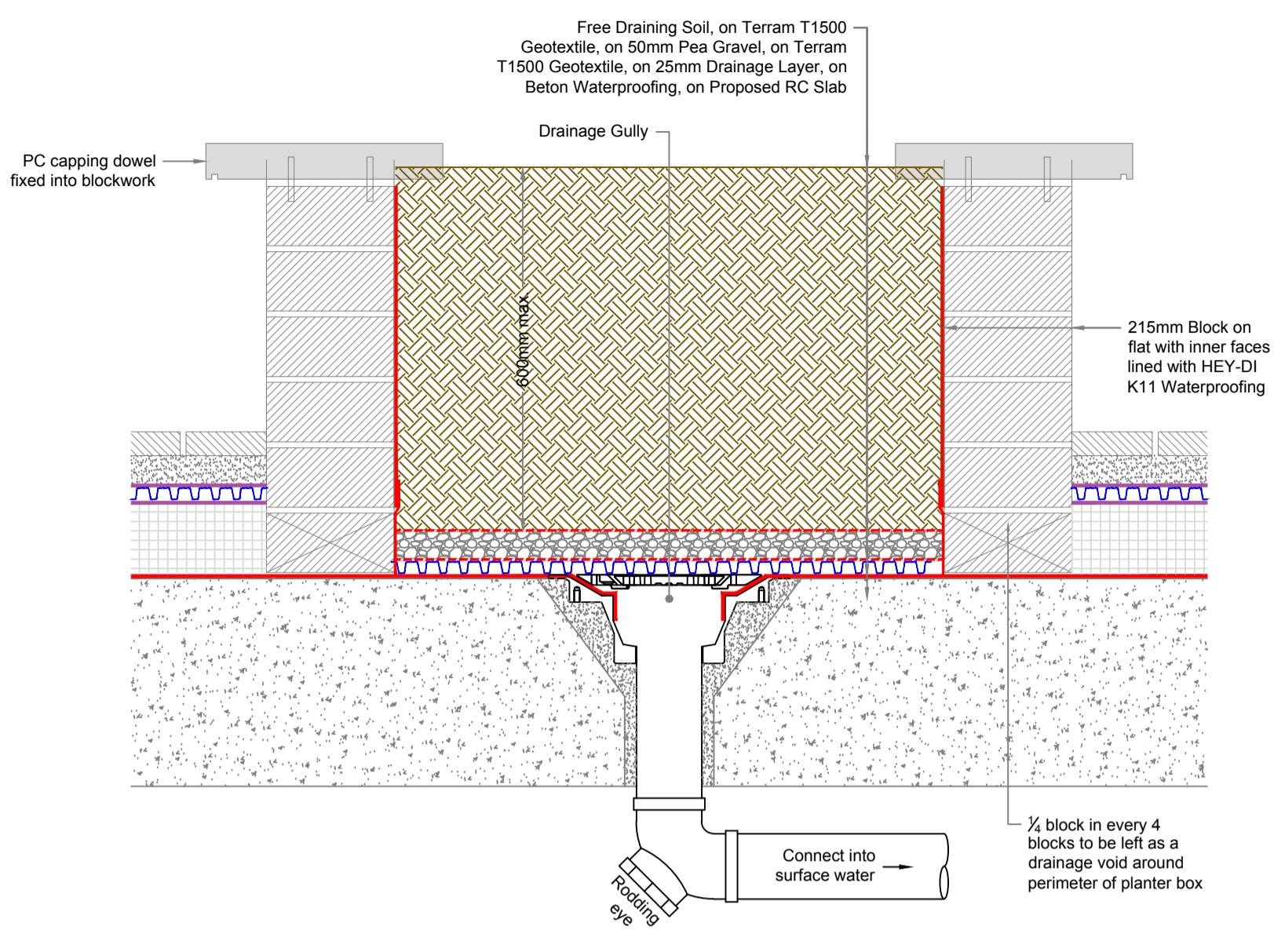


Following installation and in non-flood conditions, all operational parts of the barrier are invisibly concealed in the ground inside its basin.

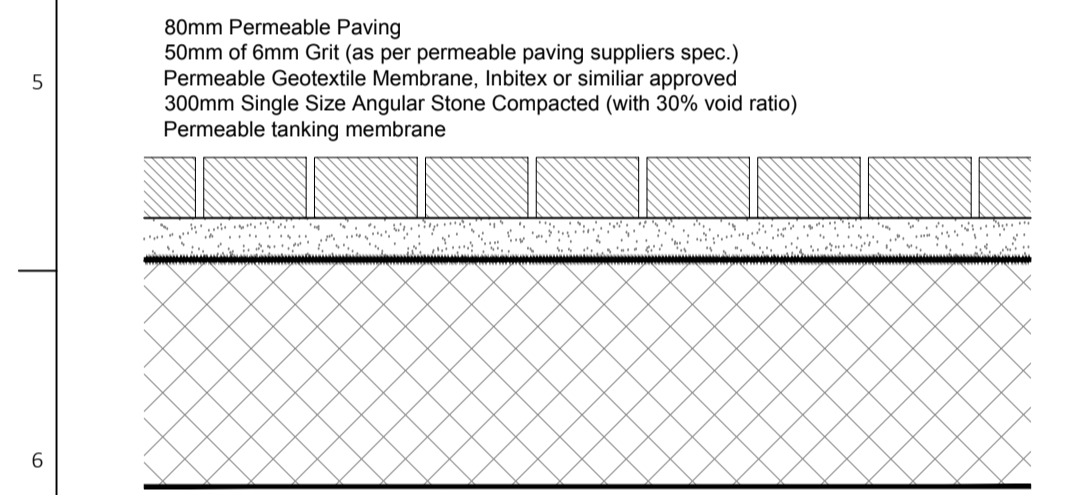
When floodwater rises to within 10cm below flood level, the enclosed basin, which houses the floating lid, starts to fill up through an inlet pipe from the adjacent service pit. The flood water floats and rises. When the basin is totally filled, the angled support block will 'lock' the barrier into position making it watertight.

As the water subsides, the flood water in the basin is drained by drain pipes with one way check valves. As the water continues to drain from the basin, the flood wall returns to its resting position within the basin and the lid seals the barrier to prevent the barrier of waste and debris.

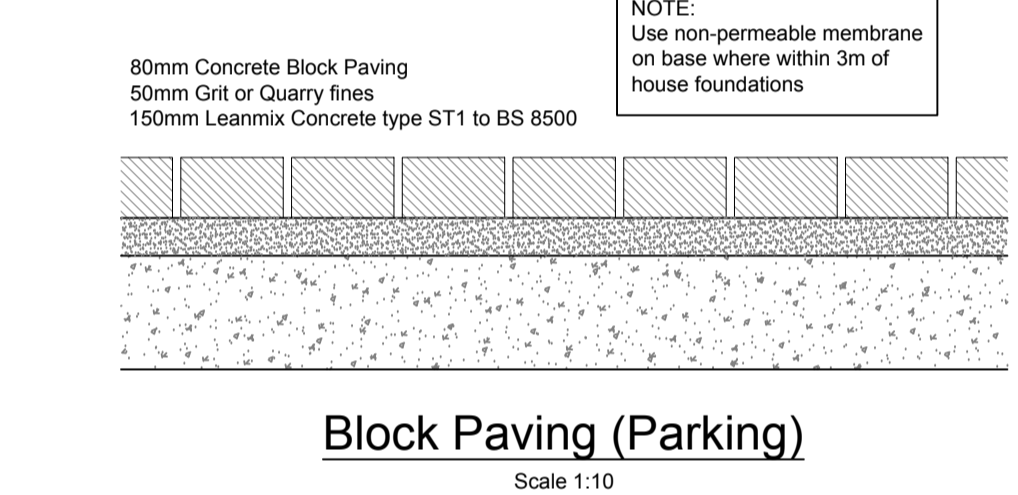
Principle of the Self Closing Flood Barrier SCFB
NTS



Typical Planter Box detail
Scale 1:10

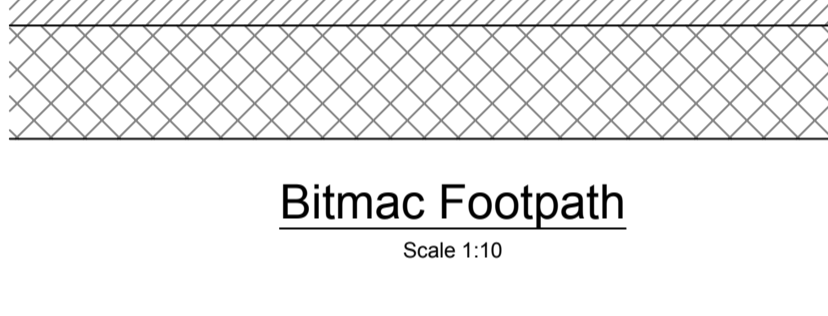


Permeable Paving (Parking)
Scale 1:10

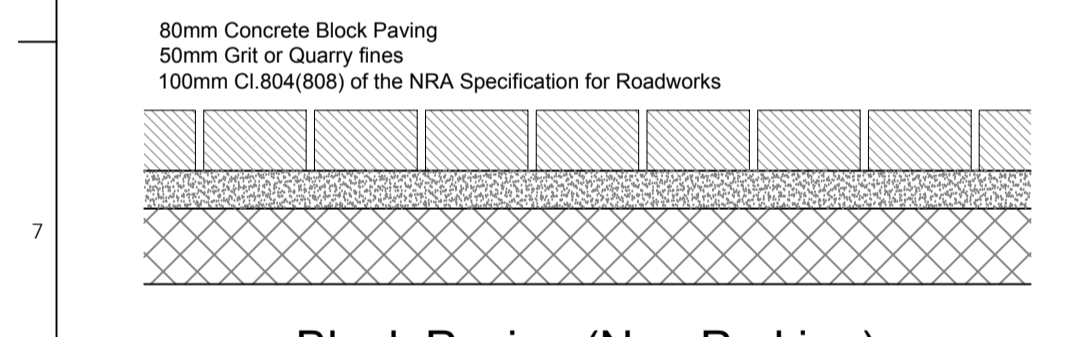


Block Paving (Parking)
Scale 1:10

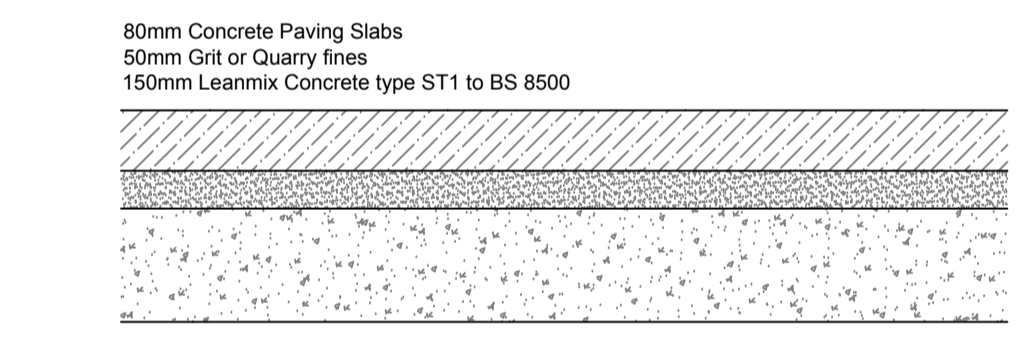
60mm Wearing Course Macadam, 10mm Stone to BS 4987-1:2005
150mm Cl.804(808) of the NRA Specification for Roadworks



Bitmac Footpath
Scale 1:10

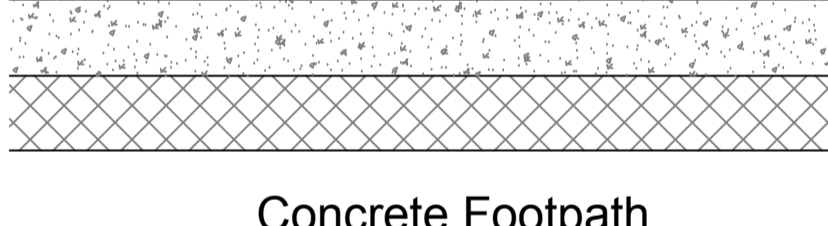


Block Paving (Non Parking)
Scale 1:10

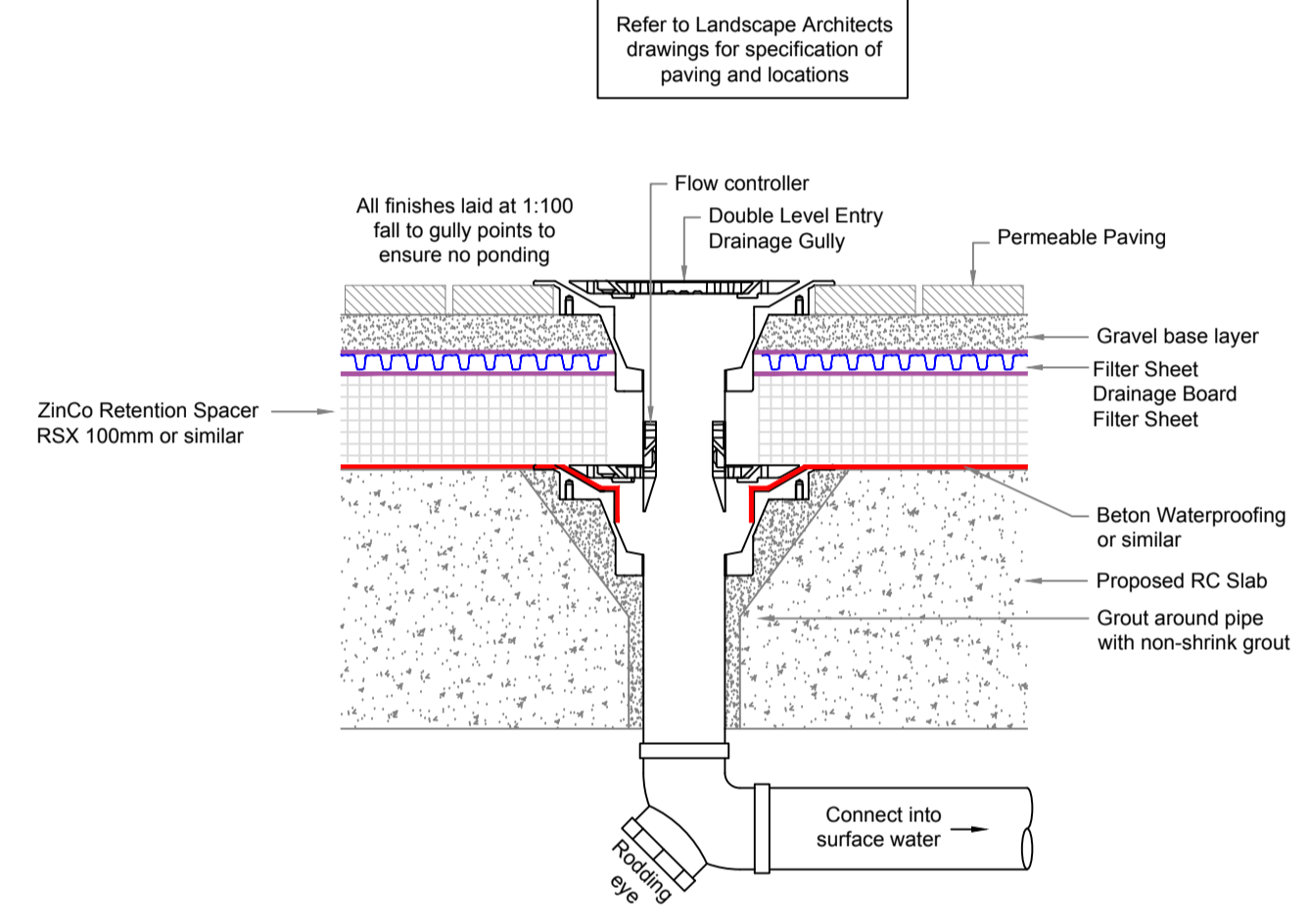


Paving Slab (Parking)
Scale 1:10

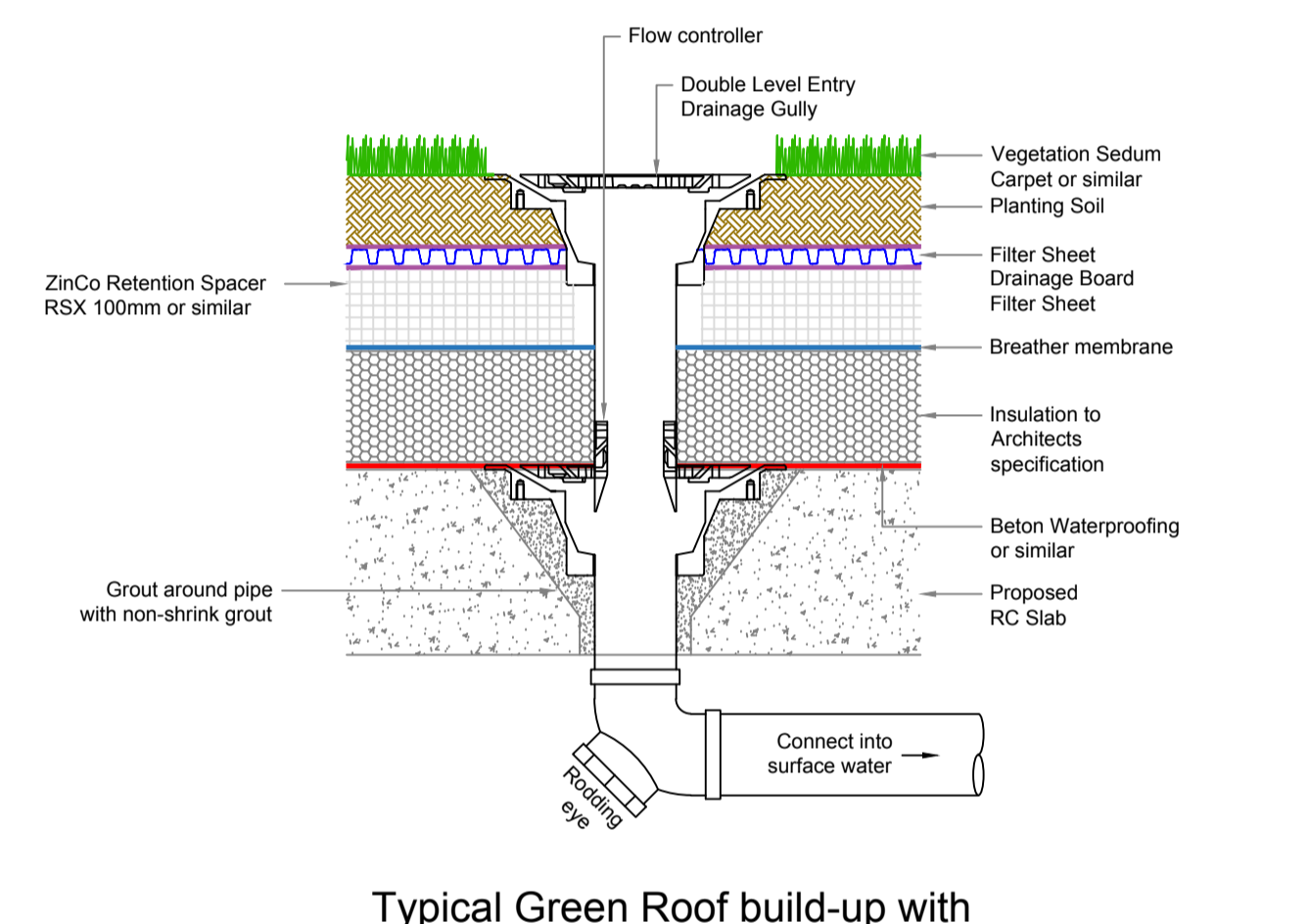
100mm Concrete C32/40 Air entrained to BS 5075 (joints at 3m centres)
A393 Mesh to be provide across, and 1m either side, of vehicular entrances
100mm Cl.804(808) of the NRA Specification for Roadwork



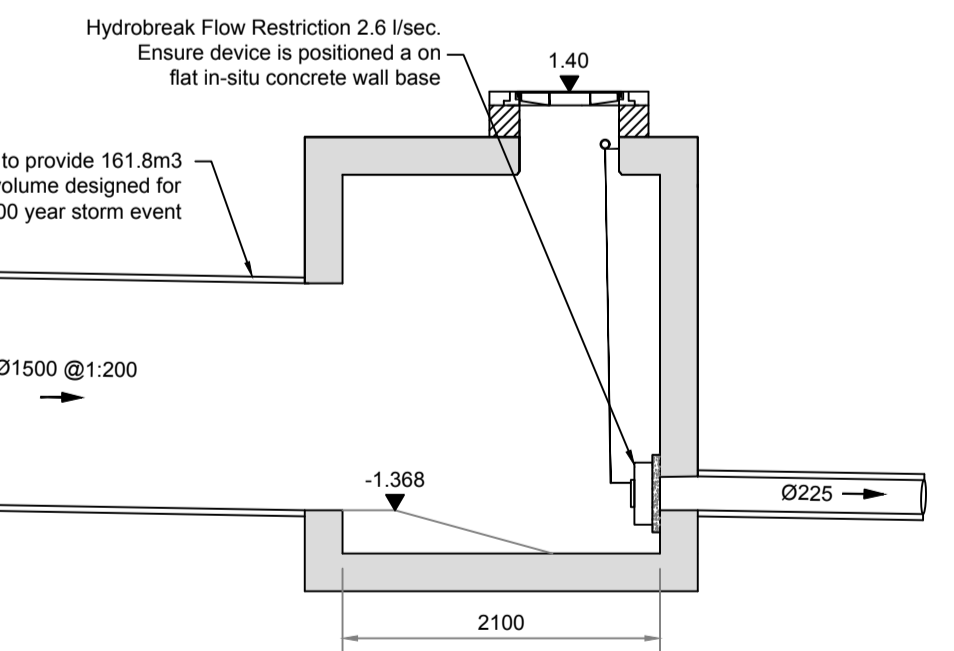
Concrete Footpath
Scale 1:10



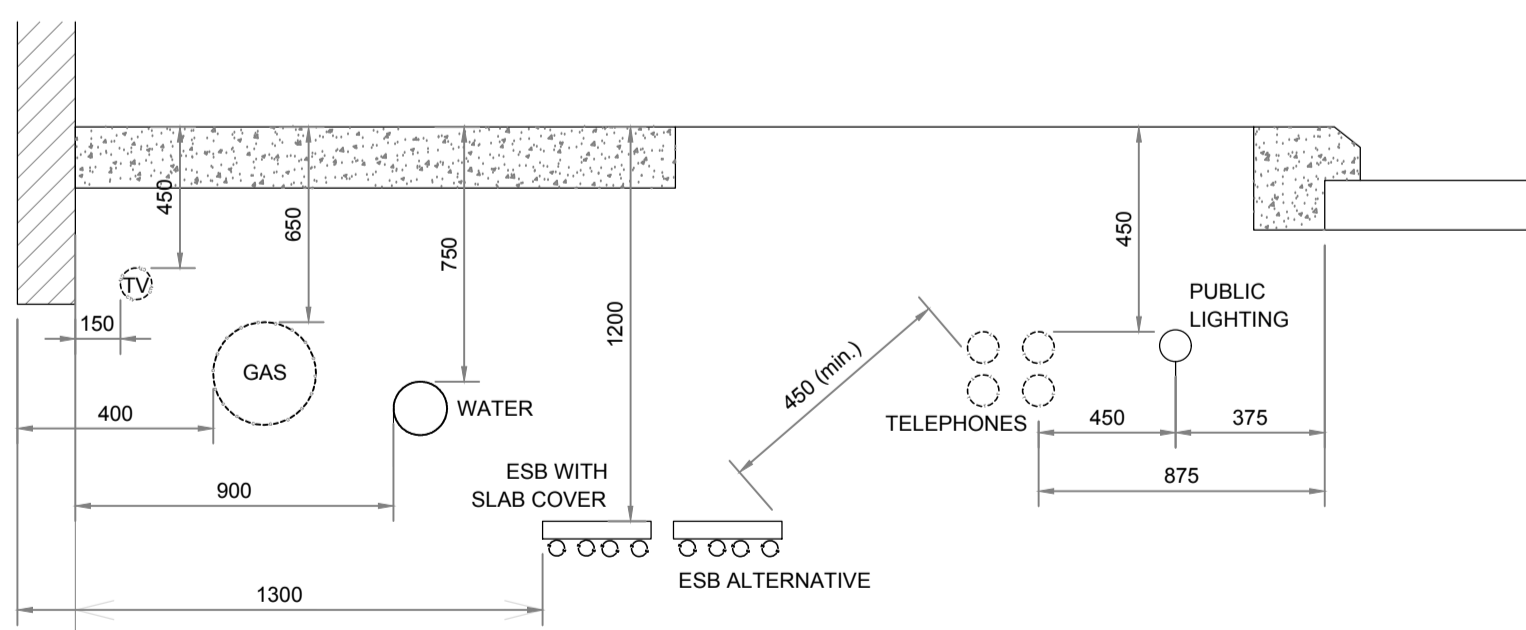
Typical Podium build-up with Stormwater Retention System
Scale 1:10



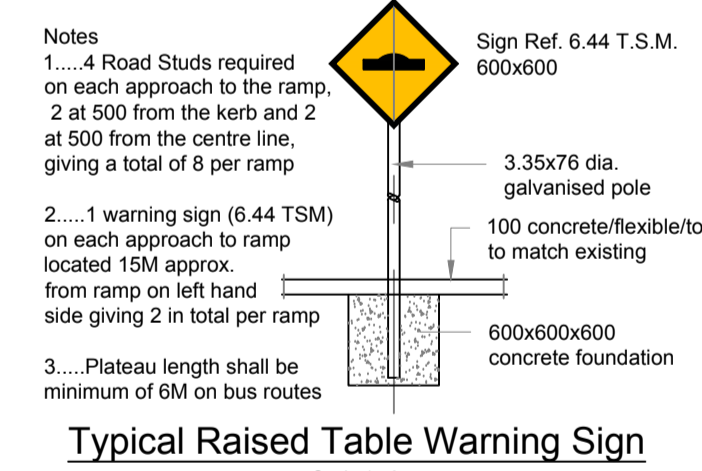
Typical Green Roof build-up with Stormwater Retention System
Scale 1:10



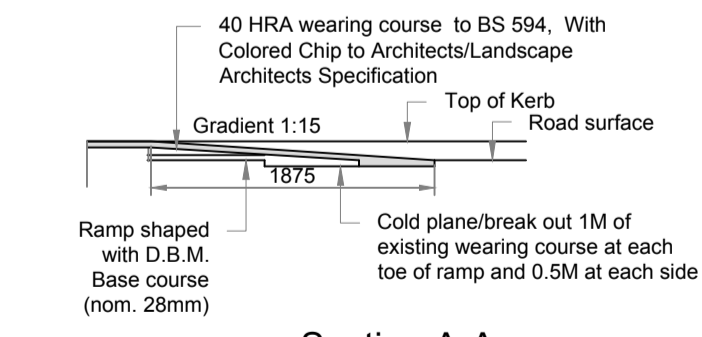
Attenuation & Hydrobrake Manhole Detail
Scale 1:50



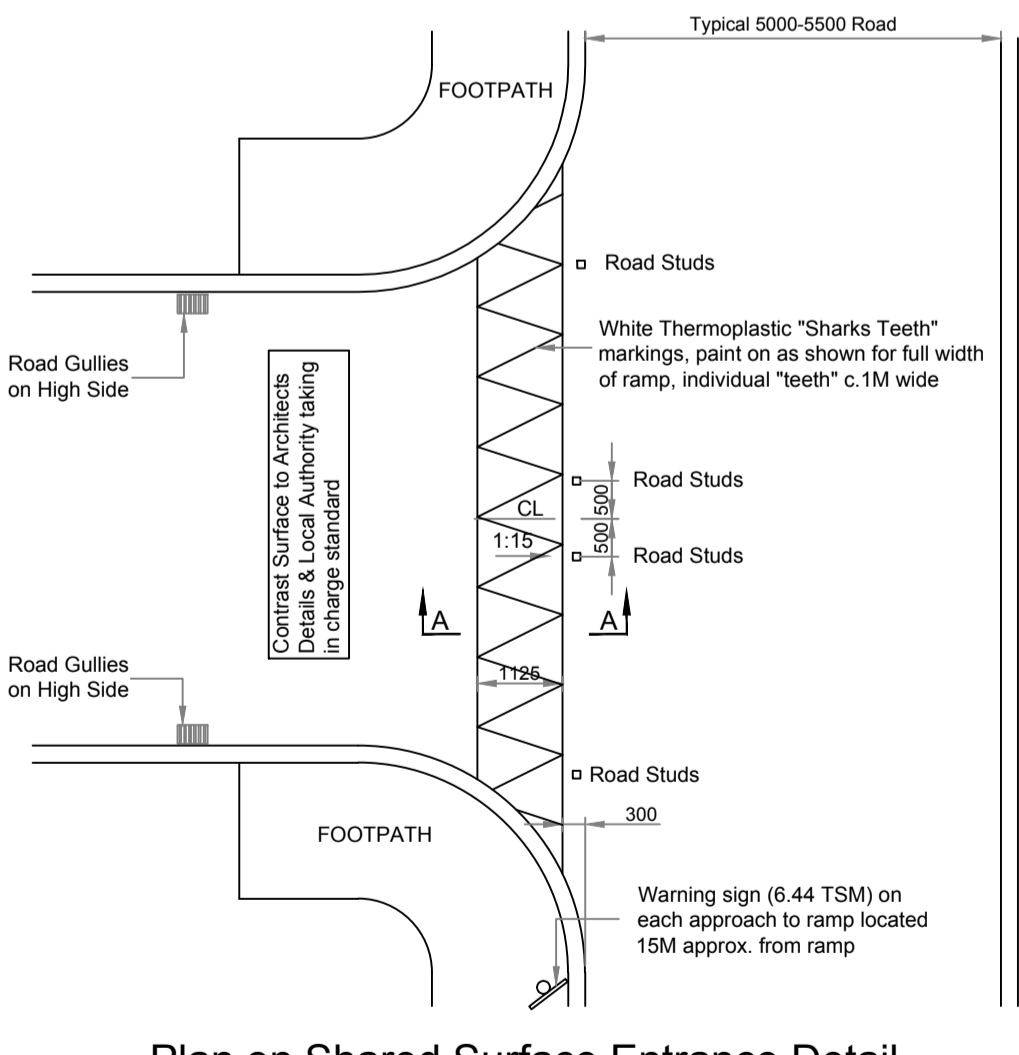
Typical Below Ground Services Layout Requirements
Scale 1:25



Typical Raised Table Warning Sign
Scale 1:50



Section A-A
Scale 1:50



Plan on Shared Surface Entrance Detail
Scale 1:100

Rev.	Date	Description	By
P3	10/12/19	SECTION A-A AMENDED	TB
P2	06/12/19	FLOOD BARRIER DETAIL AMENDED	TB
P1	04/11/19	AMENDED AS PER IRISH WATER COMMENTS	TB

Project Title
DOCKLANDS INNOVATIONS PARK EAST WALL ROAD, DUBLIN 3

Architect
MCORM

Date	By	Checked	Scale @ A1
DEC 2019	AL TB	PM	AS SHOWN

Drawing Title
STANDARD ROAD & DRAINAGE DETAILS

Drawing Status
PLANNING

Job No.	Drawing No.	Issue
1731	110	P3

poga CONSULTING ENGINEERS
STRUCTURAL & CIVIL
Pat O'Gorman & Associates

Unit C2, Nutgrove Office Park
Rathfarnham
Dublin 14
D14 CR20
Tel +353 (0)1 205 1101
www.poga.ie