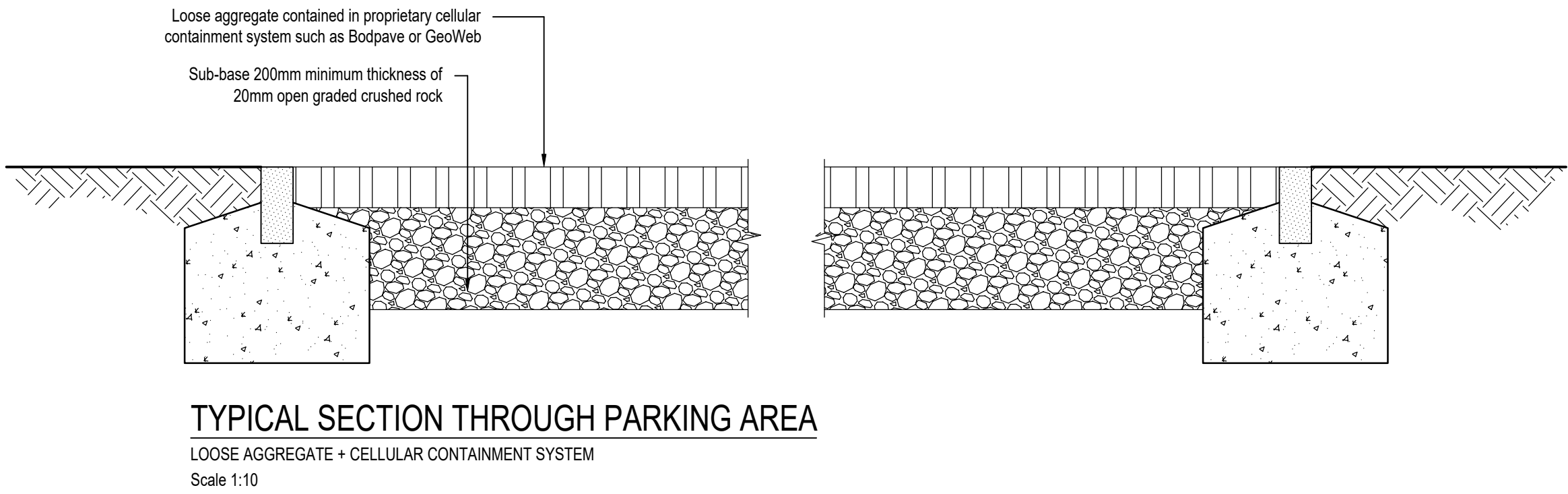
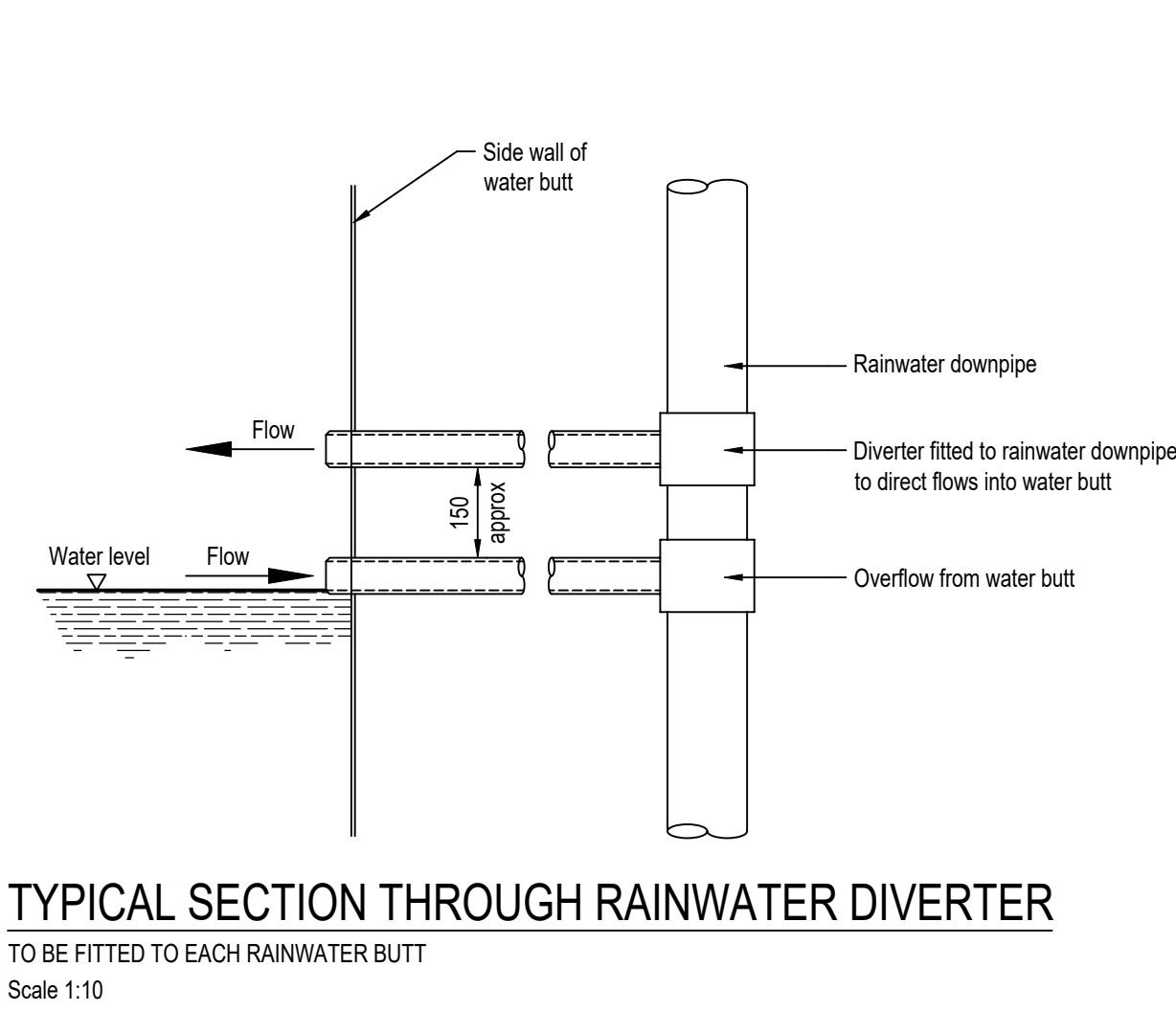
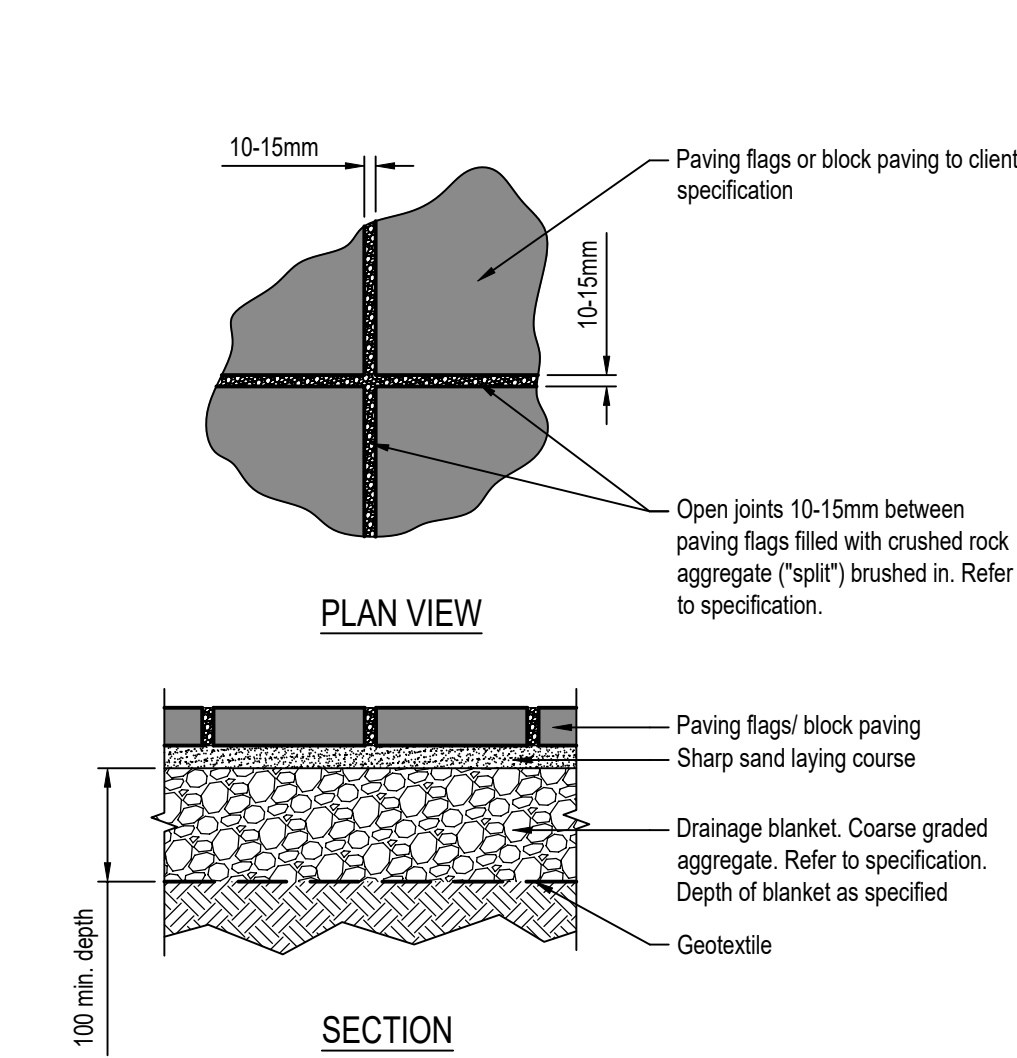


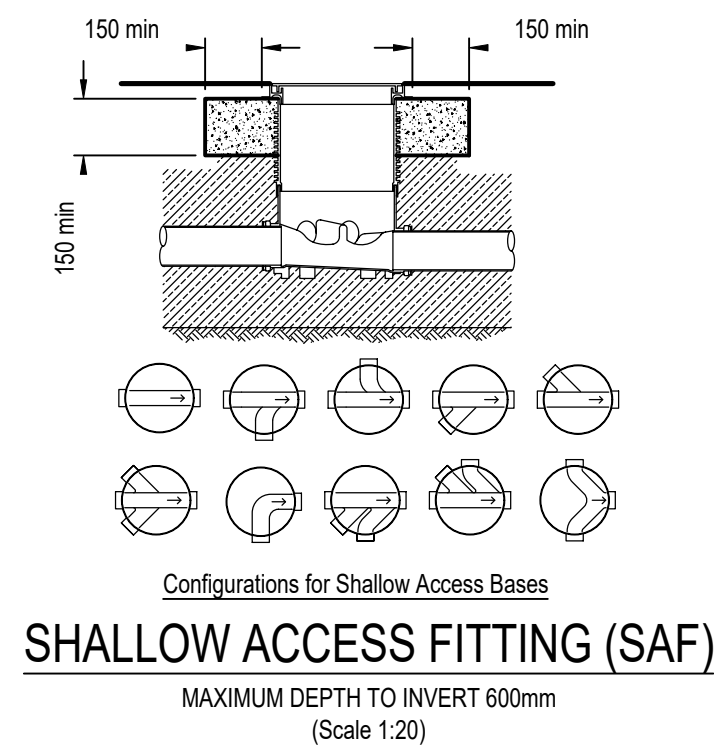


TYPICAL SECTION THROUGH RAINWATER DIVERTER
TO BE FITTED TO EACH RAINWATER BUTT
Scale 1:10



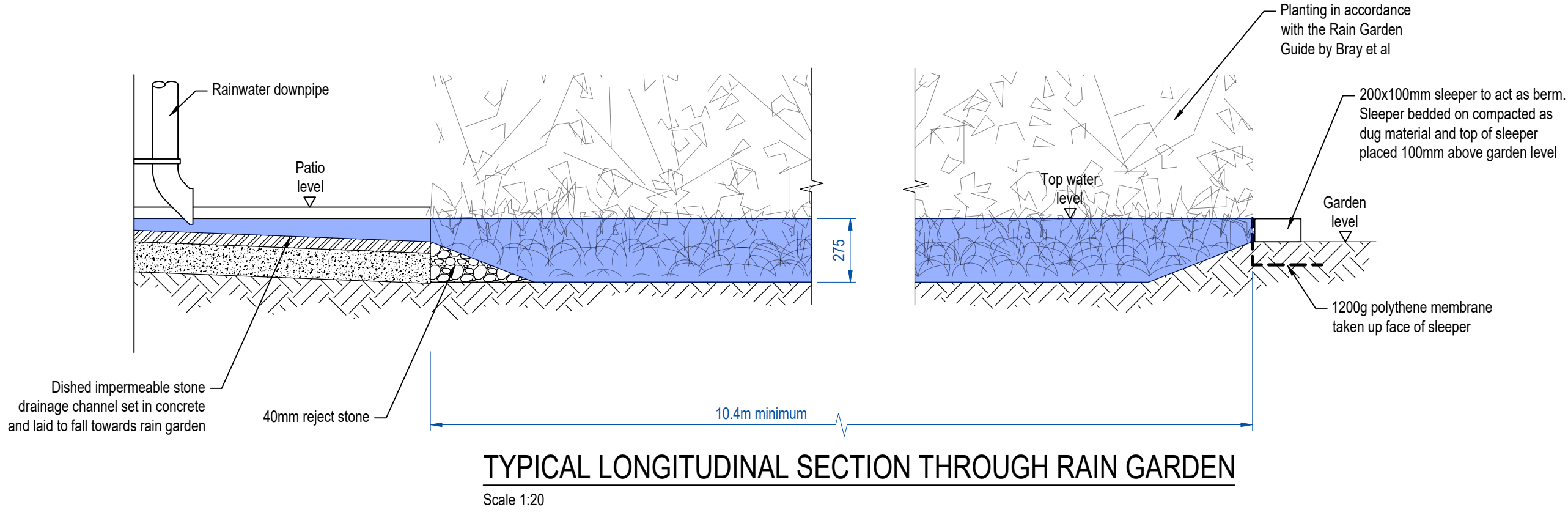
PERMEABLE PAVING (PATHS/PATIOS)
Scale 1:10

- SPECIFICATION FOR PERMEABLE PAVING (PATHS/PATIOS)**
- All formations to be proof rolled and suitably prepared prior to receiving sub base. Soft spots to be excavated and backfilled with sub base material.
 - Permeable paving: minimum thickness 50mm in pedestrian only areas and 65mm in parking bays
 - Laying course and jointing aggregate: 2-5.3mm granite grit to BS EN 13242 lightly compacted. Re-grit 3 months after 3-4 months and upon final completion to allow for settlement.
 - Coarse graded aggregate: 4-20mm to BS EN 13242 lightly compacted in 150mm layers
 - Geotextile: Needle punched polypropylene across base and taken up sides of excavation
 - Soft spots in formation to be removed and backfilled with SHW Clause 805 Type 3 material to BS EN 13242

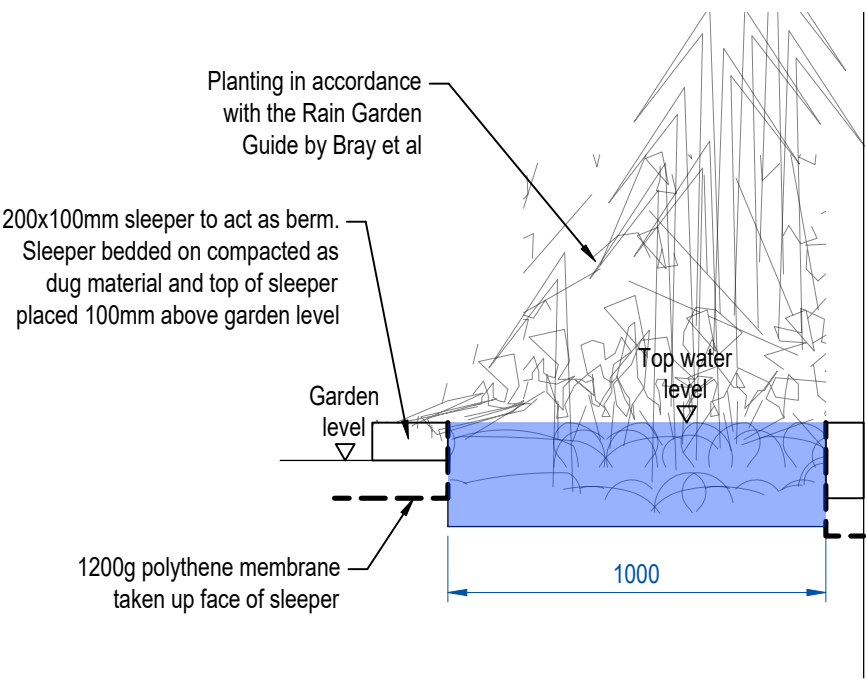


NOTES FOR POLYPROPYLENE INSPECTION CHAMBERS AND SHALLOW ACCESS FITTINGS:

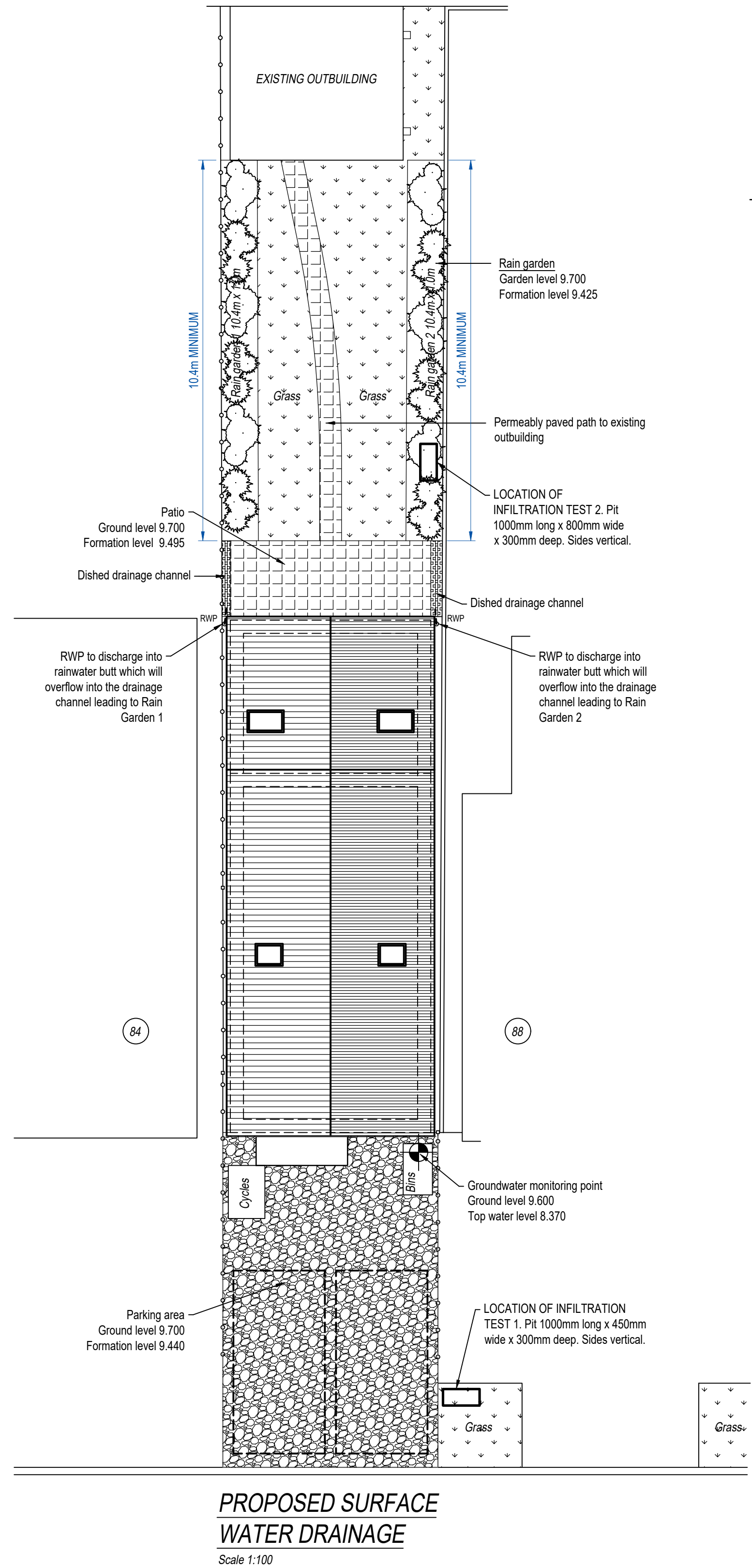
- Provide a 100mm thick bed of selected as-dug or granular material. If ground conditions are unstable use a 150mm thick bed of either ST4 or GEM designated mix in situ concrete, placing the pre-formed polypropylene base of the chamber in position whilst the concrete is still wet so that it may adopt the shape of the base of the chamber
- Polypropylene inspection chamber shaft sections are to provide seal inverters using standard height shaft sections or are to provide inverters as specified by site cutting shaft sections to required height
- 150mm minimum thickness of selected as-dug or granular material shall be placed and rammed firmly around pipes and fittings until adequate support is achieved
- A 150mm minimum thickness grade ST4 concrete collar shall be provided around the top of the shaft to provide sealing for cover and frame where the chamber is located in non-adopted hard landscaped areas or in soft landscaped areas where there is access by construction traffic
- A minimum 150mm thick grade ST4 concrete bed and surround is required where chambers are located in soft landscaped areas subject to construction traffic
- Proprietary inlet adaptors are to be used to connect 100mm diameter pipes to 150mm diameter inlets
- Unused inlets are to be sealed off using proprietary blanking-off plugs or plates



TYPICAL LONGITUDINAL SECTION THROUGH RAIN GARDEN
Scale 1:20



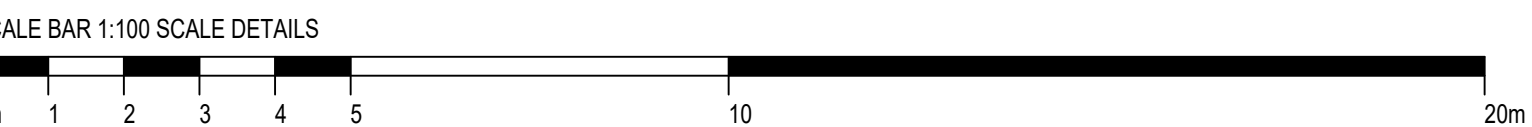
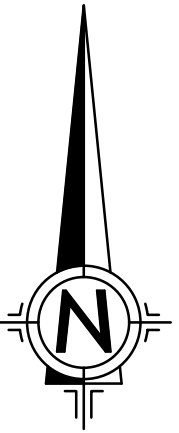
TYPICAL CROSS SECTION THROUGH RAIN GARDEN
Scale 1:20



PROPOSED SURFACE
WATER DRAINAGE
Scale 1:100

NOTES

- TAKE TIME TO READ AND UNDERSTAND THIS DRAWING AND FAMILIARISE YOURSELF WITH ITS CONTENT. DO THIS IN GOOD TIME BEFORE COMMENCING ANY WORK, AND IN THE EVENT OF ANY QUERY, REFER TO HERBERT STUMPP LTD IN A TIMELY MANNER.
- Do not scale from this drawing for construction or fabrication. Work to figured dimensions only
- This drawing is to be read in conjunction with all other relevant Architects and Engineer's drawings.
- The contractor's attention is drawn to the drawing status and is to note the following:
PLANNING (PL): The drawing is for planning only
TENDER (T): The drawing is for pricing purposes only
PRELIMINARY (P): The drawing has not received technical approval from the relevant approving authority
CONSTRUCTION (C): The drawing is for construction
THE CONTRACTOR MUST BE AWARE THAT ANY WORKS CARRIED OUT BASED UPON DRAWINGS MARKED TENDER OR PRELIMINARY ARE CARRIED OUT AT THE CONTRACTOR'S OWN RISK.
- The Construction (Design and Management) Regulations 2015 apply to this project. It is the user's responsibility to ensure that the requirements of the Regulations are satisfactorily addressed prior to commencement of any works.



Revisions:
PL1:
PL2: 10.02.2025:
PL3: 27.03.2026:
Draft issue
Issued for planning
Surface water drainage revised

ORIGINAL DRAWING SIZE: A1

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PROPOSED SURFACE WATER DRAINAGE

Drawing status
PLANNING
Drawn by
PP
Drawing Number
006

Date
January 2025
Scale
As shown
Revision
PL 3