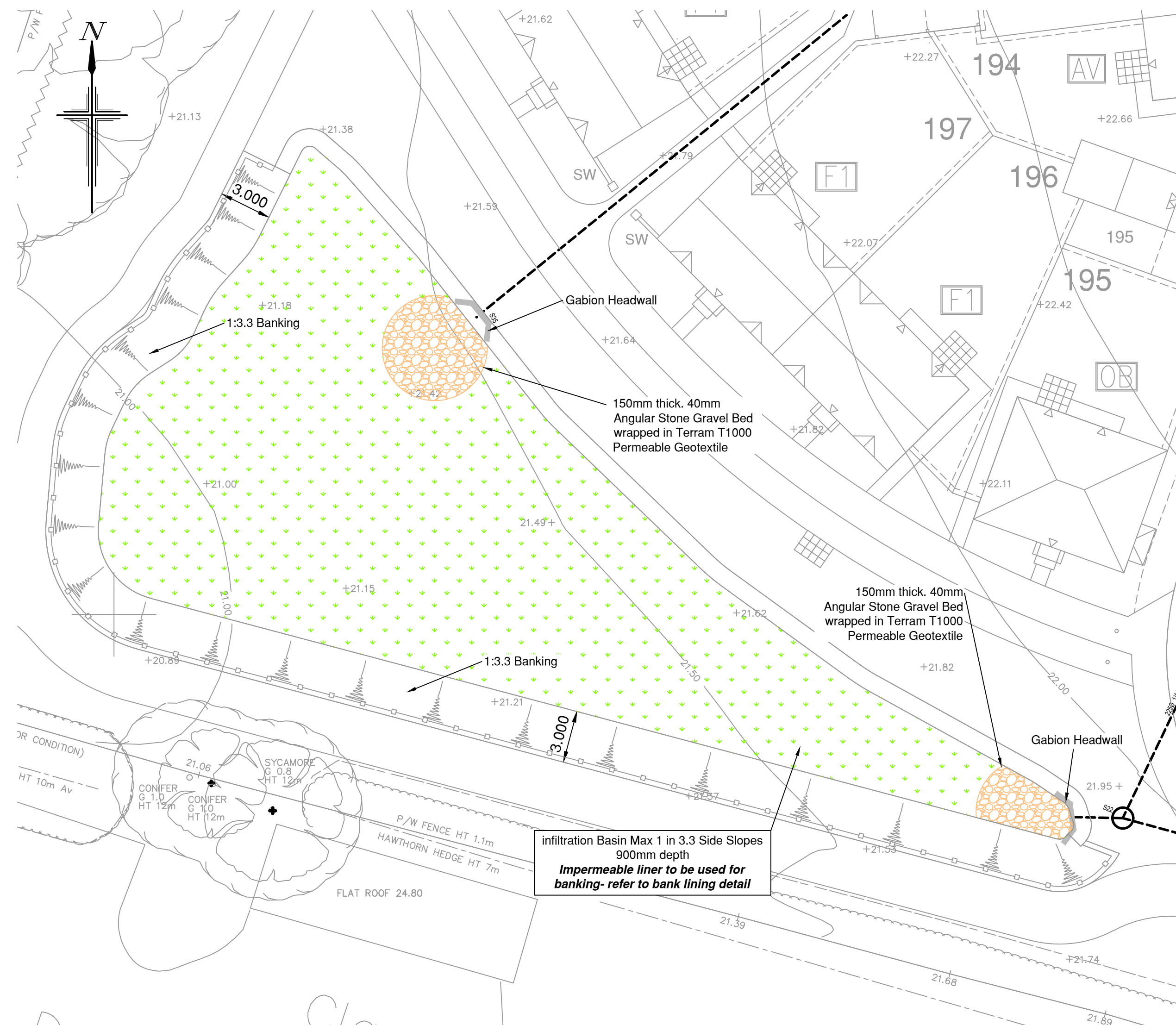
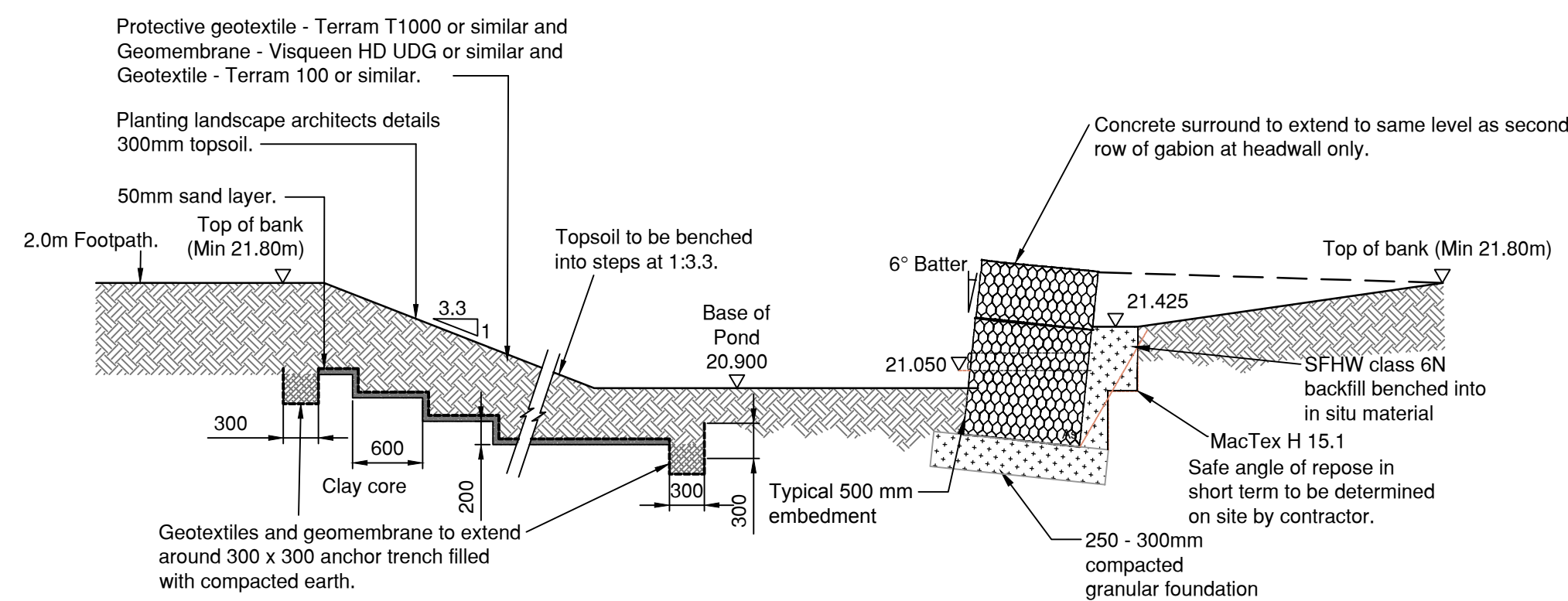




Infiltration Basin Plan

Scale 1:200

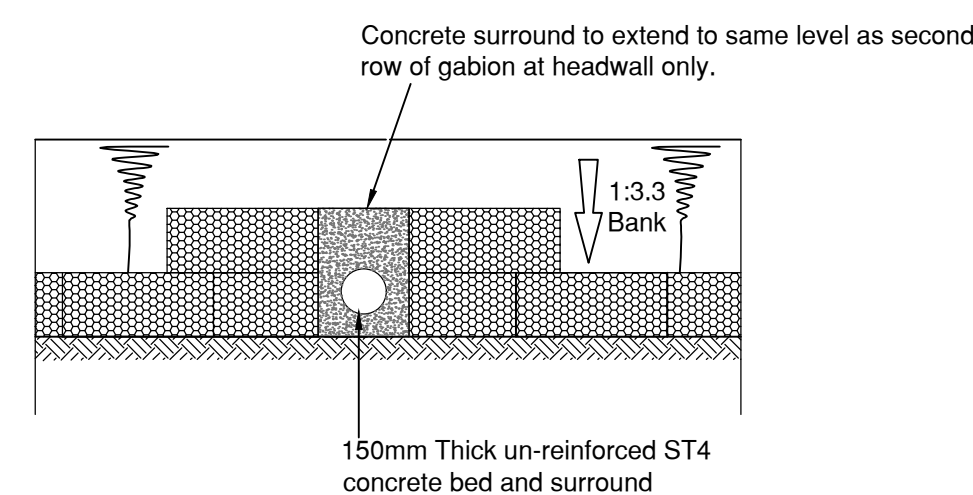


2.0m x 1.0m x 1.0m Gabion basket supplied by Environmesh or similar approved.
Fill to gabion to comprise of Class 6/3 material to the Series 600 of the S.H.W (MCDHW or equivalent).

The grading of the stone to vary from a minimum size larger than the gabion apertures up to 200mm size stone. Gabion to be Hexagonal Woven Mesh (ENV-P27-HEX (Polymer powder coated grey). Mesh fabric to have net pattern of nominal size 80mmx100mm. Nominal wire diameter shall be 2.7mm to 3.4mm to BS EN 10218-2:2012 and BS EN 10223-3:2013 with an ultimate tensile strength that falls in the range of 350 to 550 N/mm². Reference must be made to the gabion manufacturers specification and installation guidance

Typical Gabion Headwall and Basin Bank Benching Detail

Scale 1:20



Typical Gabion Headwall Elevation Detail

Scale 1:20

NOTES

1. All dimensions are in metres unless stated otherwise.
2. Do not scale from this drawing. Only written dimensions are to be used.
3. This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
4. Site Layout and boundary based on AAP Architecture Proposed Site Layout, drawing number P1549.11 Revision ZZZQ received on 06.08.2020.
5. Topographic Survey taken from mksurveys Topographical Survey drawing number 25802, Sheets 1-3, dated 05.10.18.
6. For Root Protection Areas refer to FPCF Environment & Design Ltd Tree survey information drawing received from Dandara 19.08.20.
7. All concrete products should be sulphate resisting.
8. Pipework should have spigot and socket flexible joints.
9. Refer to Geotechnical report for sulphate resisting class and AECF class.
10. **ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.**

DEPTH OF PIPE COVER

The minimum depth of pipe cover to the crown of gravity pipes without protection should be as follows:

- domestic gardens and pathways without any possibility of vehicular access, 0.35m;
- domestic driveways, parking areas and yards with height restrictions to prevent entry by vehicles with a gross weight in excess of 7.5 tonnes, 0.5m;
- domestic driveways, parking areas and narrow streets without footways (e.g., mews developments) with limited access for vehicles with a gross weight in excess of 7.5 tonnes, 0.9m;
- agricultural land and public open space, 0.9m;
- other highways and parking areas with unrestricted access to vehicles with a gross vehicle weight in excess of 7.5 tonnes, 1.2m.

KEY

Infiltration Basin



CDM NOTES

1. EXISTING SERVICES. Depth of existing services must be determined prior to works commencing. The contractor is responsible for establishing underground services in accordance with HSE Guidance note HS (G) 47. Any services which would be within the proposed construction layers must be lowered to below the sub-base.



B	20.10.20	Grading revised to Basin. Key updated.		LD	PJ	TRS
A	26.05.20	Gabion Details and outfall elevation added		TRS	TRS	TRS
Rev.	Date	Details		By	Chkd	Appd

Client:-



Site:-
Fontwell
Eastergate
Arundel

Drawing Title:-
SUDS
FEATURE
DETAILS

Sheet 1 of 2

Date:	March 2020	Scales:	As Shown at A1
Drawn:	GD-I	Checked:	ID
		Approved:	TRB

Drawing No.

FON-183-01-B

INITIAL TENDER ISSUE
SUBJECT TO PLANNING APPROVAL



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