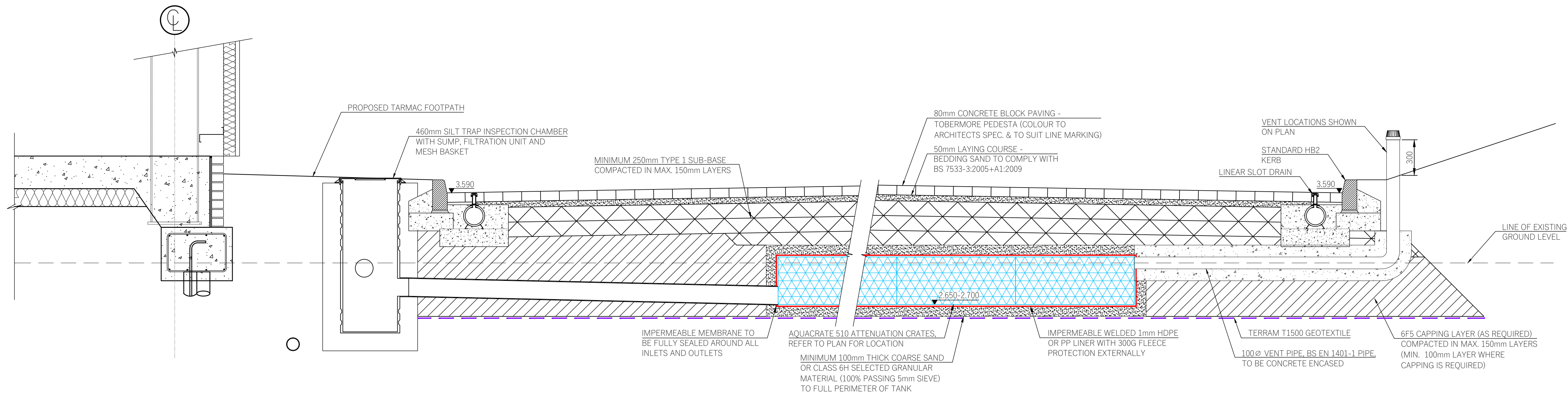


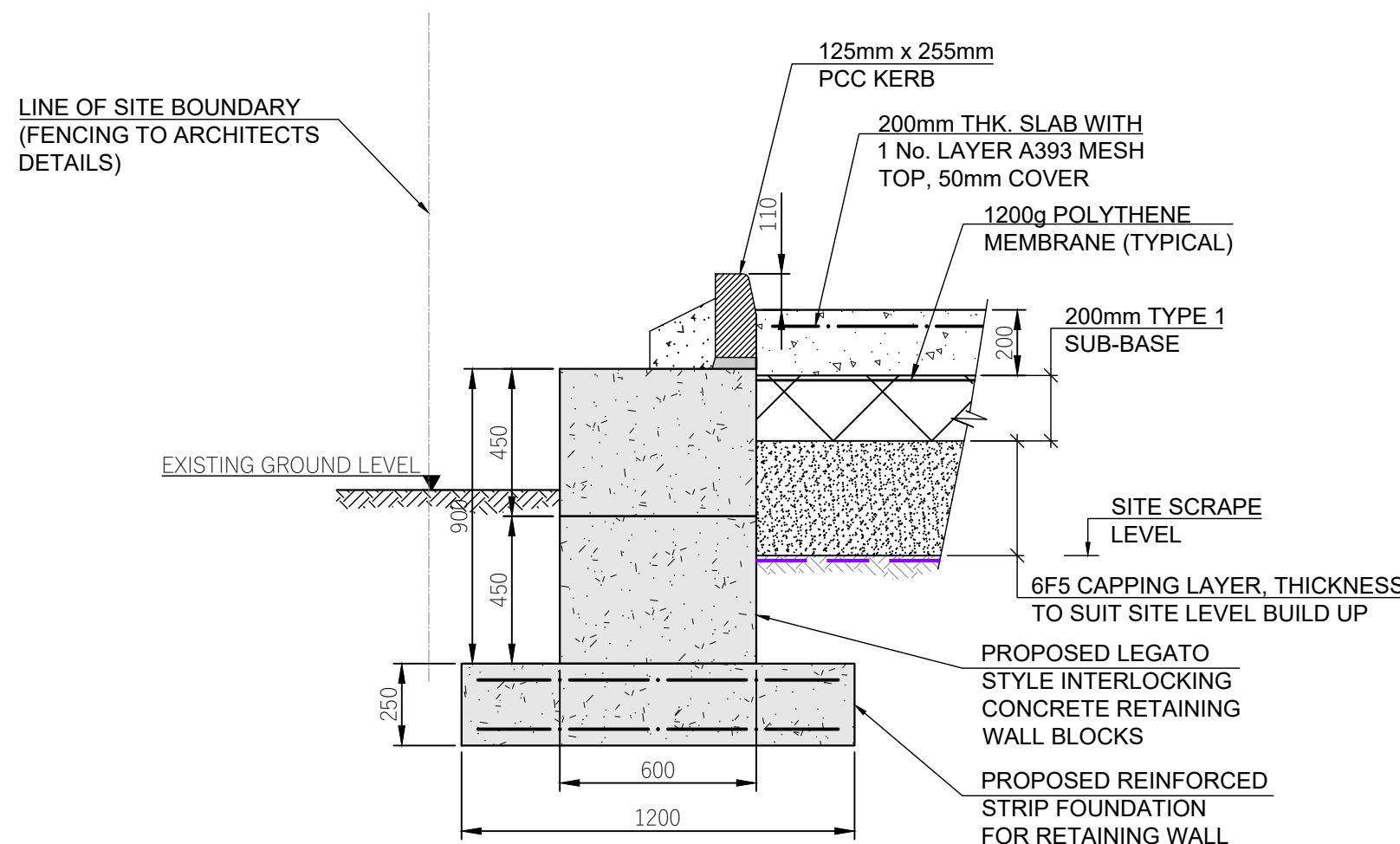


TYPICAL SECTION THROUGH CAR PARK

Scale 1:20

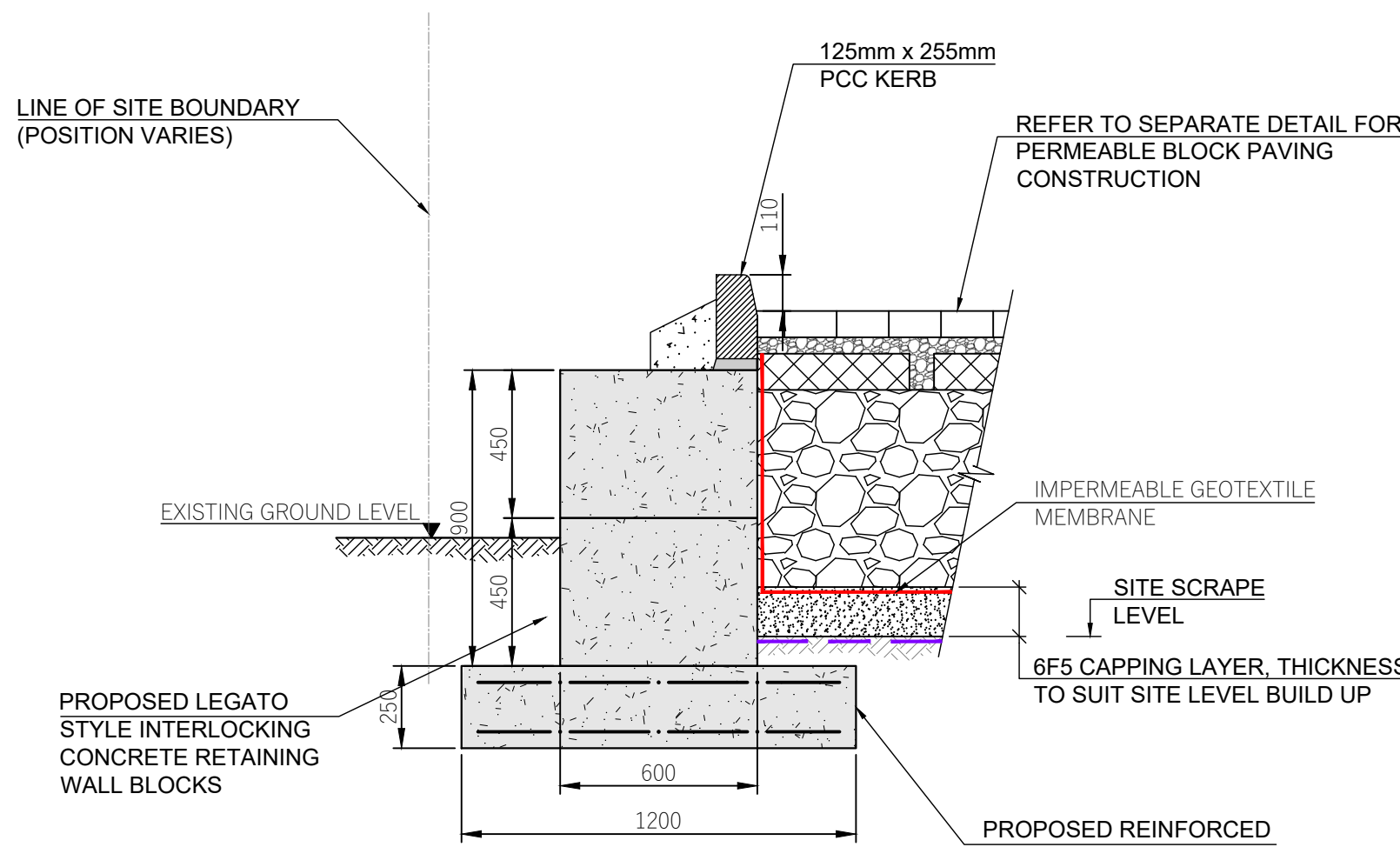
CONCRETE HARDSTANDING GENERAL NOTES

- All top soil, soft materials and vegetation shall be removed prior to construction of ground slab.
- Immediately prior to the laying of the sub-base, the formation level should be prepared as follows:-
 - Surface level tolerance should be within +20mm and -30mm.
 - Any soft areas shall be removed, and replaced with approved compacted granular materials.
 - The formation shall be proof rolled.
- The sub-base shall be dot type (1) material or other similar granular material approved by the engineer in writing, they shall be compacted in accordance with part 3 cl 802 of dot specifications for highway works. The sub-base shall be blinded with fine material and levelled ready to receive 1200 gauge polythene sheeting which will be lapped by min. of 150mm, the sheeting shall be protected from perforation and placed as late as possible before concreting, all sub-base granular material shall be non-frost susceptible, as defined in the road research laboratory supplementary report no. 829.
- All concreting materials, workmanship & operations, including sampling & testing shall be carried out in accordance with bs 8110, bs 1881 & bs 5328, concrete to be grade C28/35 with 5% air entrainment.
- All side forms are to be steel with square corners and levelled, precast screed rails should not be used without written approval from the engineer.
- All mesh reinforcement to have a minimum lap of 300mm.
- Dowel bars should be sawn and not cropped, they should be horizontal and square to the side form.
- External slab finish to be brushed finish unless otherwise agreed with the client.
- Cover to reinforcement to be 50 mm u.n.o.
- Immediately after casting, concrete is to be cured for a minimum of 7 days by polythene sheeting properly held down at the edges.
- Where joint sealants are specified they shall be placed as late as possible to allow joints to open to their maximum.
- Contractor to verify all site dimensions before commencing work or preparing shop drawings.
- All cut bars in existing or new concrete to be sealed with sika ferrogard 903 to manufacturers recommendations.



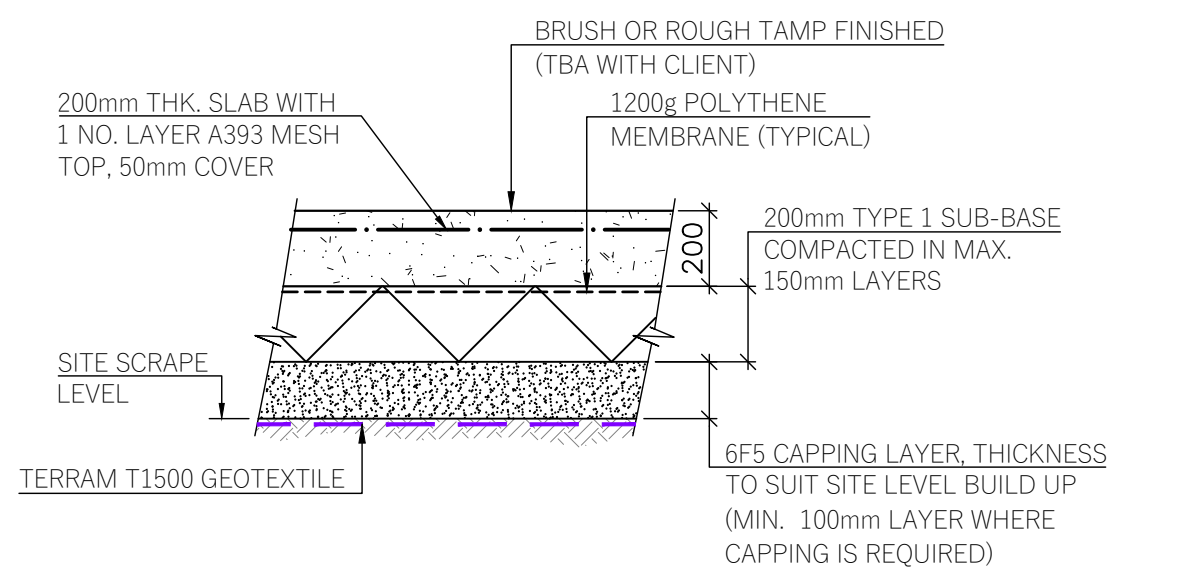
RETAINING WALL DETAIL TO WESTERN BOUNDARY

Scale 1:20



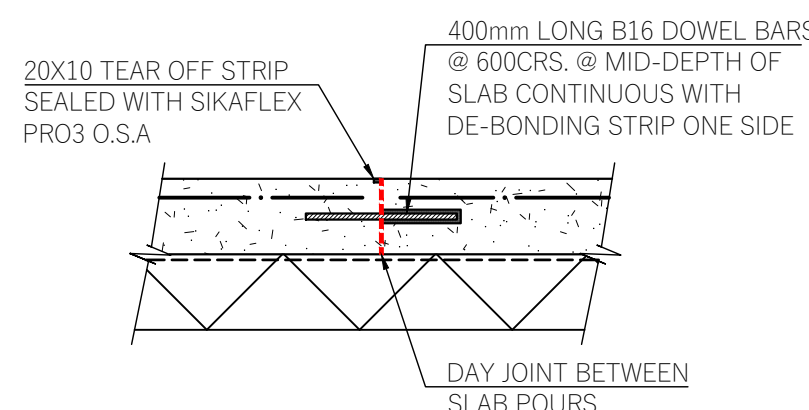
RETAINING WALL DETAIL TO WESTERN BOUNDARY

Scale 1:20



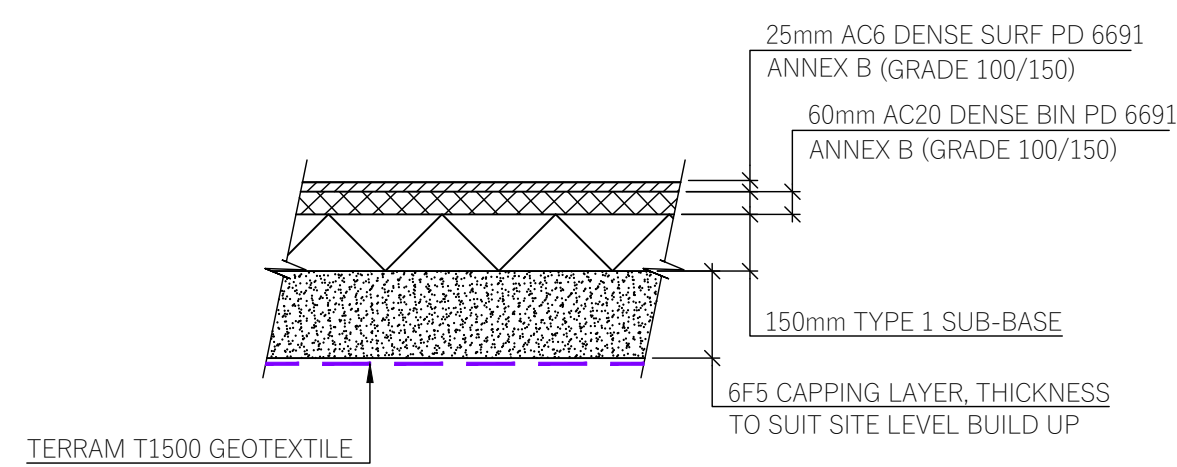
TYPICAL CONCRETE YARD DETAIL

Scale 1:20



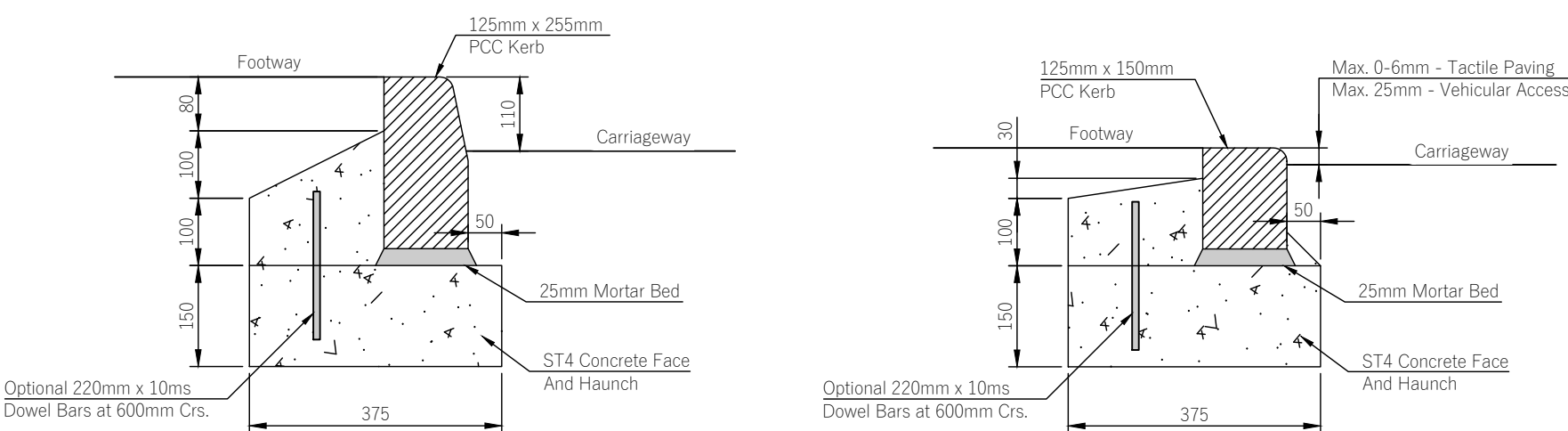
TYPICAL CONCRETE JOINT WITH DE-BONDING SLEEVE DETAIL

Scale 1:20



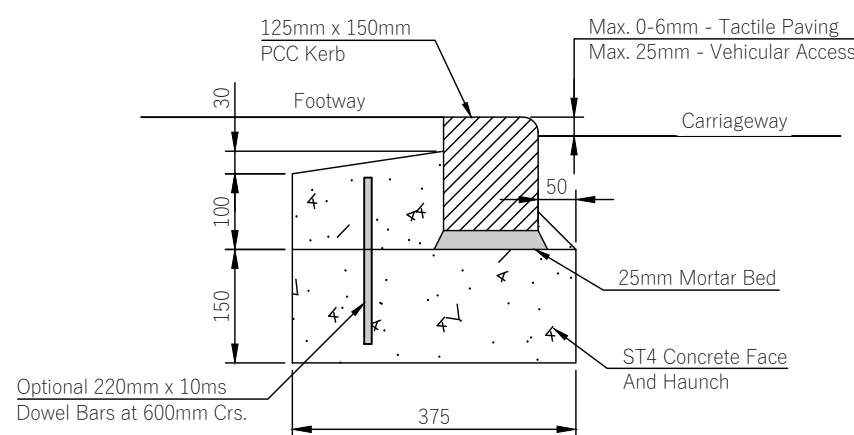
TARMAC FOOTPATH CONSTRUCTION DETAIL

Scale 1:20



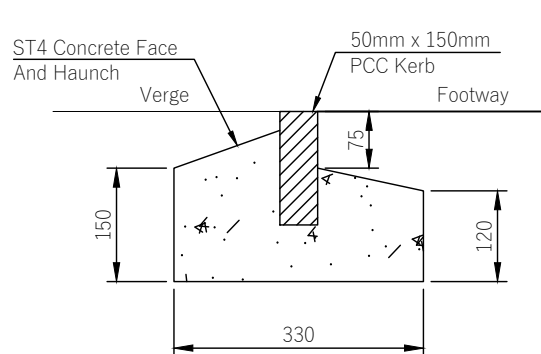
TYPICAL STANDARD KERB DETAIL (HB2 125x255mm)

Scale 1:10



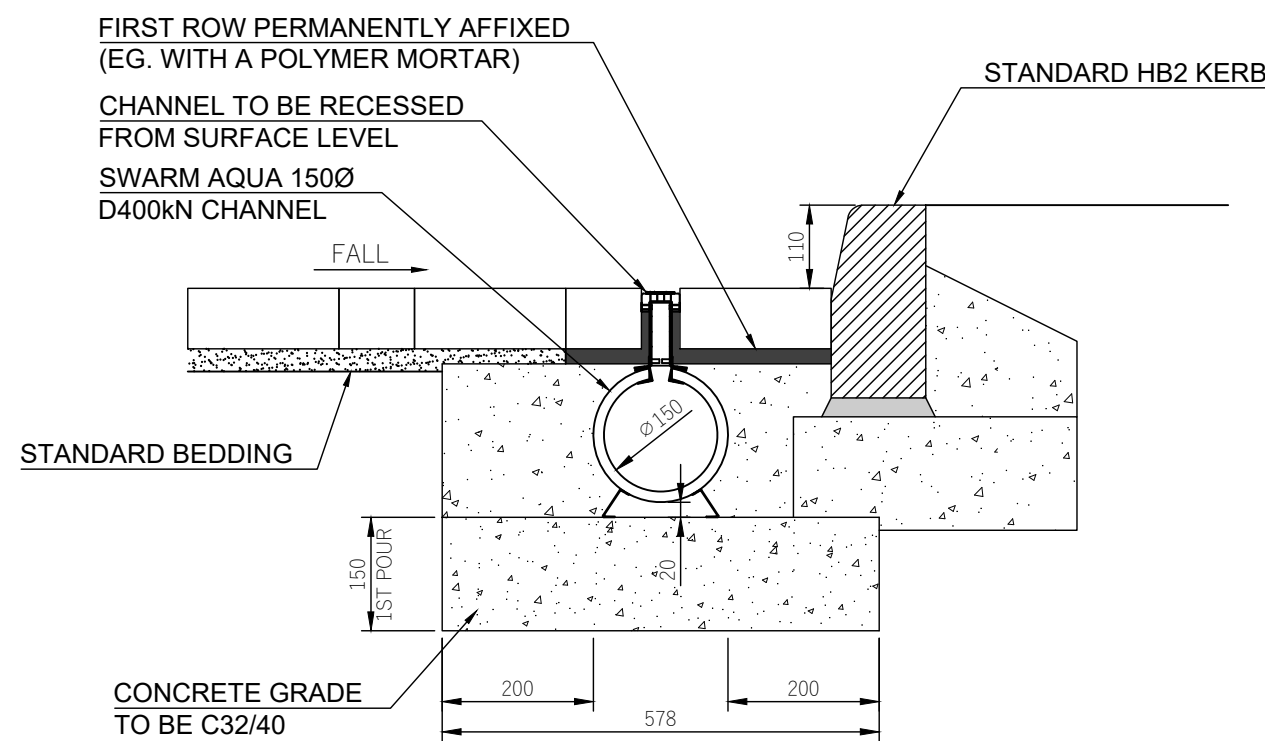
TYPICAL BULL NOSE KERB DETAIL (BN 125x150mm)

Scale 1:10



TYPICAL EDGING KERB DETAIL (EF 50x150mm)

Scale 1:10



TYPICAL DRAINAGE CHANNEL DETAIL LOCAL TO KERB

Scale 1:10

P4	SW ATTENUATION SYSTEM CHANGED.	MP	APW	07/22
P3	PRELIMINARY - FOR APPROVAL	MP	APW	03/22
P2	PRELIMINARY - FOR APPROVAL	MP	APW	02/22
P1	PRELIMINARY - FOR APPROVAL	MP	APW	02/22
Rev	Revision	Drn	App	Date

SHIELDS WILSON

e: info@shieldswilson.co.uk t: 01775 729252
STRUCTURAL AND CIVIL ENGINEERING

Status FOR INFORMATION

Client AJS Automation

Project Proposed New Office & Workshop
Plot 9 - SLFEZ, Holbeach, Lincs

Title Proposed External Works Details

Date	Feb. '22	Scale @A1	Drawing No.	Rev
Appr	APW	1:20 1:10	21-257-11	P4