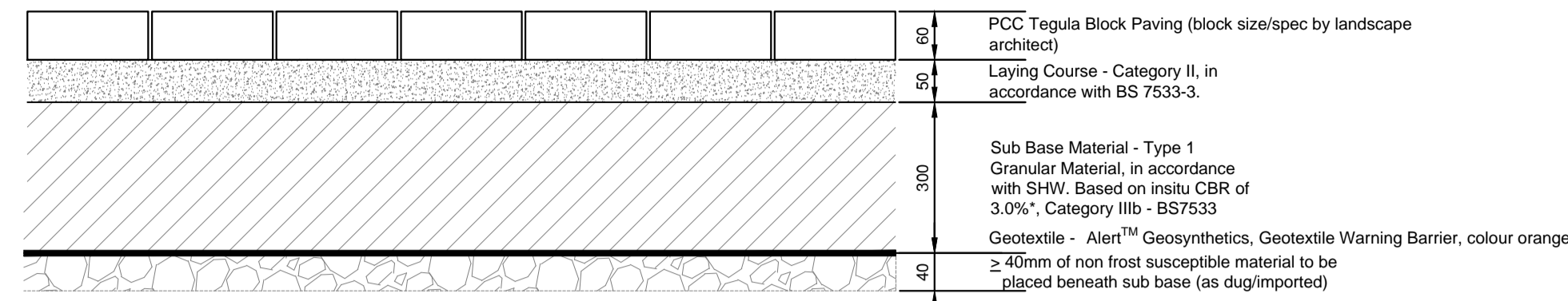


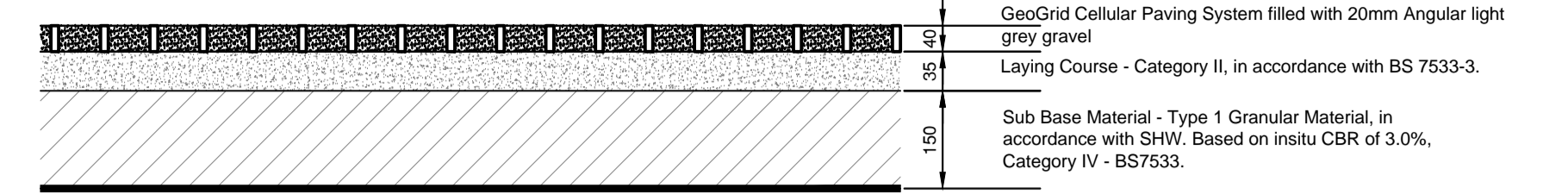
Private Access Road - Category II - Block Paving

Scale 1:10



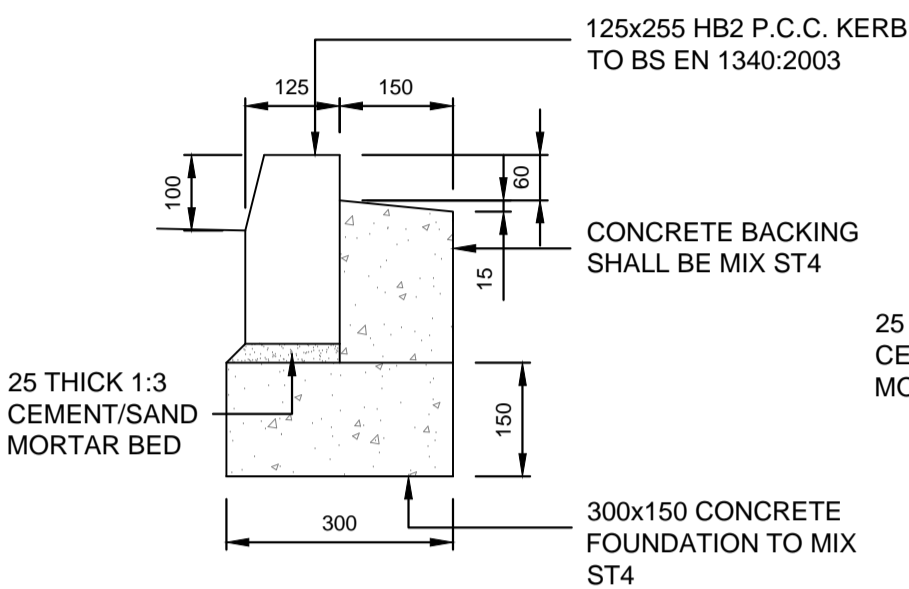
Private Parking Bays - Category IIIb - Block Paving

Scale 1:10



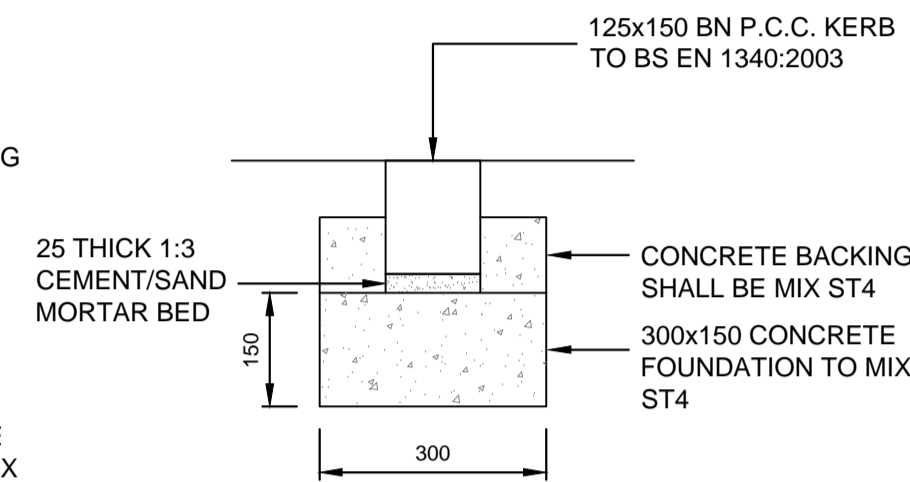
Visitor Parking Bay - Geogrid Cellular System

Scale 1:10



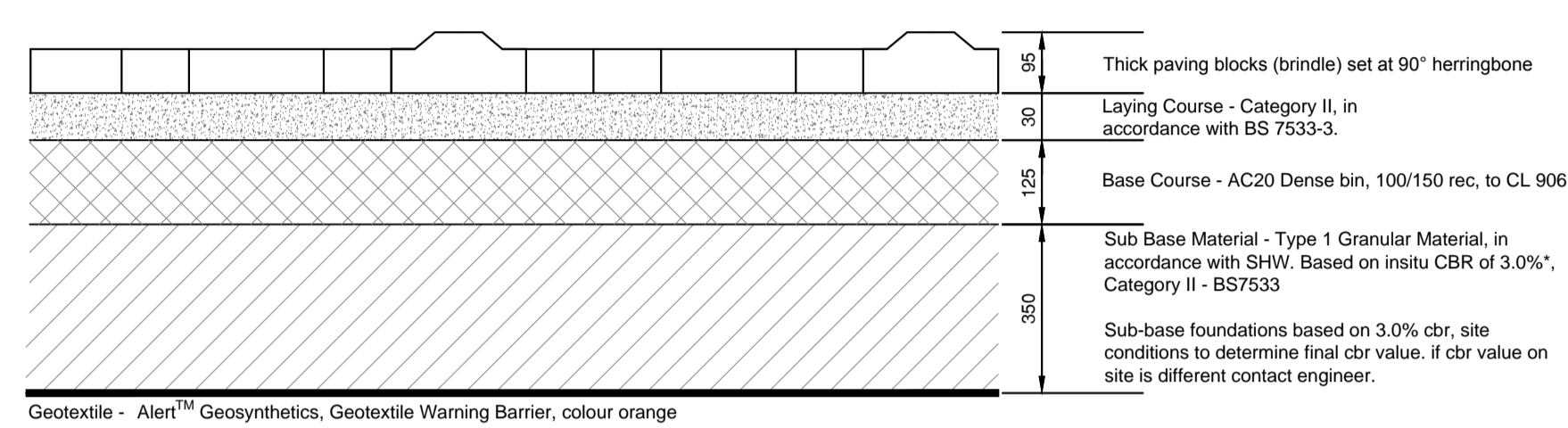
Reclaimed Stone Cobble Half Batter Kerb Type HB2

SCALE 1:10



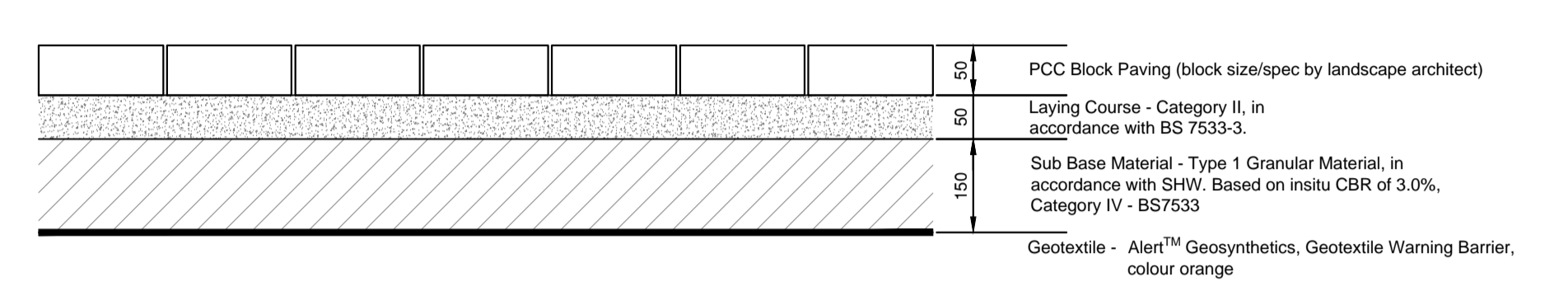
Reclaimed Stone Channel Kerb Type CS2

SCALE 1:10



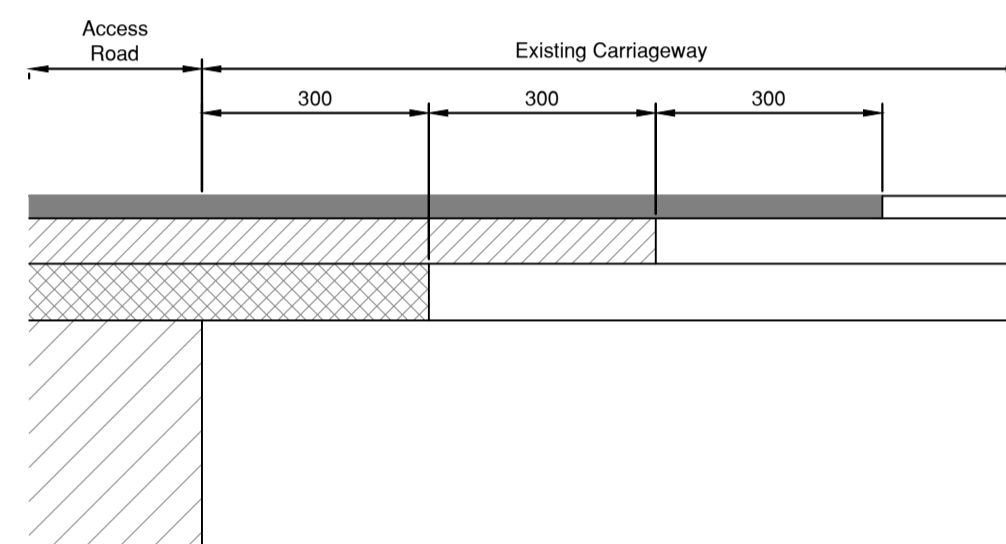
Typical Rumble Strip Detail

Scale 1:10



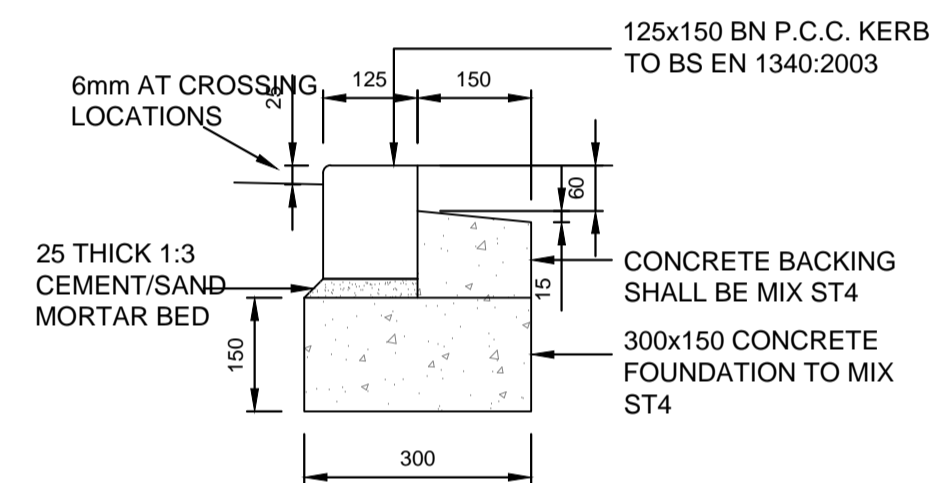
Pedestrian Only Areas - Category IV - Block Paving

Scale 1:10



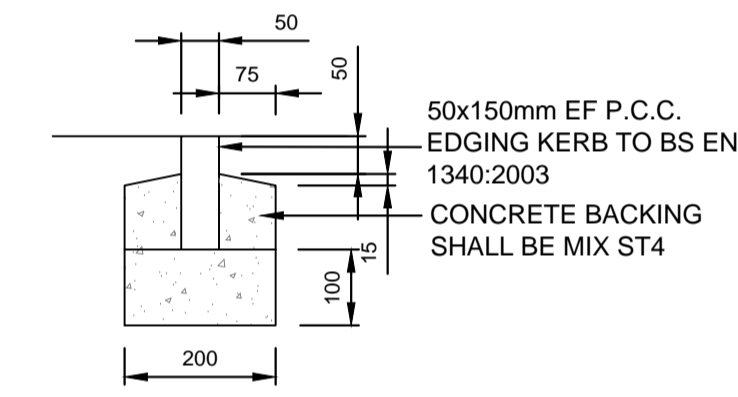
Typical New/Existing Highway Tie-In Detail

Scale 1:10



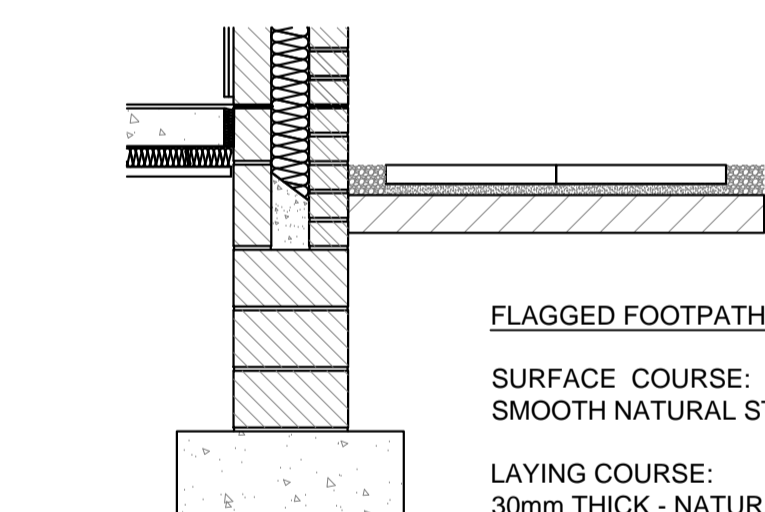
Precast Concrete Bullnosed Kerb Type BN

SCALE 1:10



Precast Concrete Edging Kerb Type EF

SCALE 1:10



FLAGGED FOOTPATH CONSTRUCTION

SURFACE COURSE:
SMOOTH NATURAL STONE FLAG (size, colour and thickness TBC by architect)

LAYING COURSE:
30mm THICK - NATURALLY OCCURRING SILICA SAND, CATEGORY 3, IN ACCORDANCE WITH BS7533-3

FOUNDATION TYPES VARY SEE STRUCTURAL ENGINEERS DRAWINGS

SUB BASE:
150mm OF GRANULAR SUB BASE MATERIAL TYPE 1

PERIMETER FOOTPATH CONSTRUCTION

SCALE 1:20

NOTE:
REFER TO ARCHITECTS DETAILED PLOT CURTLIDGE LAYOUTS FOR EXACT SETTING OUT, IE WIDTHS & LENGTHS OF PRIVATE DRIVEWAYS & FOOTPATHS TO PLOT CURTLIDGE.

Legend :

- Sub base depths based on 3% CBR value. In order to provide an accurate construction thickness CBR tests should be taken at formation level and the Engineer informed of the results. At least 5 working days notice should be provided prior to commencement of construction.
- All works to the public highway will require the inspection and approval of the local highways department. The contractor should contact the highways inspector prior to commencement to agree an inspection regime.
- All placement of materials should be undertaken in accordance with the relevant sections of the Specification for Highways Works.
- Any soft spots or discrepancies in sub soil material found during excavation should be reported to the engineer. All soft spots should be removed and replaced with Type 1 granular material, placed in accordance with the Specification for Highway works.
- No frost susceptible material should be placed/or remain within 450mm of finished level.
- Concrete for foundations and haunching to BS8500-2. Standard Mix ST4. Foundations should be accurately cast foundations in all areas subject to vehicular traffic.
- Following construction, foundations and haunching to be given adequate time to strengthen prior to vehicular trafficking.
- Pre cast radius kerbs should be used on all radii upto 15m.
- Works should be programmed by the contractor to ensure that no trafficking of pavements by construction traffic occurs, other than that previously agreed upon by the engineer.
- Vertical edges of manholes, gullies, kerbs and other abutments: Clean and paint with a thin uniform coating of cold applied thixotropic bitumen emulsion. Tamp surface around projections. Level: Flush or not more than 3 mm above projections.
- All details are to be read in accordance with landscape architects surface finishes plan.

CBR VALUE %	DESIGN OPTIONS AND (TOTAL) THICKNESS (mm)
<2	SUBGRADE IMPROVEMENT REQUIRED
2	150 SUBBASE OVER 600 CAPPING LAYER (750)
	SUBBASE ONLY CAPPING + SUBBASE
2.5	350 450+150(500)
3	300 350+150(500)
4	270 300+150(450)
5	220 250+150(400)
8	190 210+150(360)
10	170 190+150(340)
>15	150 SUBBASE (CAPPING NOT REQUIRED)

A	Issued for Tender	AW	MT	21.10.15
Rev	Description	By	Chk	Date

Drawing Status:
Tender

James Christopher Consulting
Civil & Structural Engineers
Construction Consultants
Project Managers

4 McMillan Close
Saltwell Business Park
Gateshead
Tyne & Wear
NE9 5BF
Tel: (0191) 491 4684 Fax: (0191) 491 5168
Email: enquiries@jc-consulting.net
Website: www.jc-consulting.net

Client:
Fitz Architects

Project:
Church Lane, Whitburn

Drawing Title:
External Hardstanding Details

Scale at A1	As Shown	Drawn By	Date	Checked By	Date
Project No.	JCC15-137	M.T	27.07.15	K.H	27.07.15
Drawing No.	C-D-03	Revision	A		