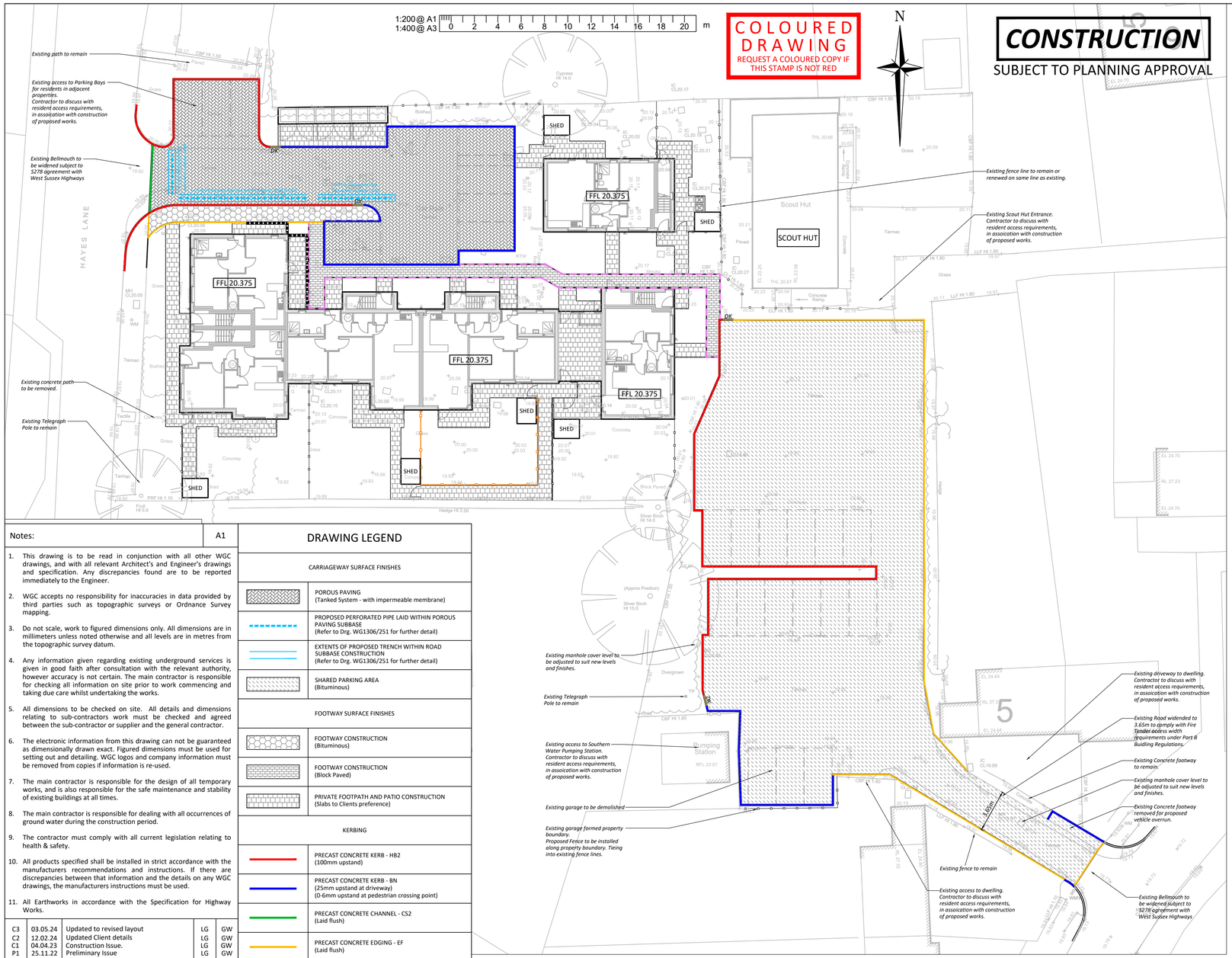
1:200@ A1
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0 2 4 6 8 10 12 14 16 18 20 m

COLOURED DRAWING
REQUEST A COLOURED COPY IF THIS STAMP IS NOT RED

N

CONSTRUCTION
SUBJECT TO PLANNING APPROVAL



Notes:

A1

1. This drawing is to be read in conjunction with all other WGC drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. WGC accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
5. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
6. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. WGC logos and company information must be removed from copies if information is re-used.
7. The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
8. The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
9. The contractor must comply with all current legislation relating to health & safety.
10. All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any WGC drawings, the manufacturers instructions must be used.
11. All Earthworks in accordance with the Specification for Highway Works.

Rev	Date	Revisons	Drwn	Chk
C3	03.05.24	Updated to revised layout	LG	GW
C2	12.02.24	Updated Client details	LG	GW
C1	04.04.23	Construction Issue.	LG	GW
P1	25.11.22	Preliminary Issue	LG	GW

DRAWING LEGEND

CARRIAGEWAY SURFACE FINISHES

- POROUS PAVING (Tanked System - with impermeable membrane)
- PROPOSED PERFORATED PIPE LAID WITHIN POROUS PAVING SUBBASE (Refer to Drg. WG1306/251 for further detail)
- EXTENTS OF PROPOSED TRENCH WITHIN ROAD SUBBASE CONSTRUCTION (Refer to Drg. WG1306/251 for further detail)
- SHARED PARKING AREA (Bituminous)

FOOTWAY SURFACE FINISHES

- FOOTWAY CONSTRUCTION (Bituminous)
- FOOTWAY CONSTRUCTION (Block Paved)
- PRIVATE FOOTPATH AND PATIO CONSTRUCTION (Slabs to Clients preference)

KERBING

- PRECAST CONCRETE KERB - HB2 (100mm upstand)
- PRECAST CONCRETE KERB - BN (25mm upstand at driveway) (0-6mm upstand at pedestrian crossing point)
- PRECAST CONCRETE CHANNEL - CS2 (Laid flush)
- PRECAST CONCRETE EDGING - EF (Laid flush)
- DK TRANSITION FROM HB2 KERB TO BN KERB
- BLOCK PAVING SOLDIER COURSE

MISC

- CONCRETE GRAVELBOARD RETAINER

RESIDUAL HAZARDS

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following:

1. Unknown services/depths within work zone. Contractor to undertake necessary precautions and investigation prior to excavating. Particular caution should be taken with the existing Southern Water Rising Main crossing the site. Location of the Rising Main should be accurately marked onsite through trial pitting and extreme caution taken when working near it.
2. Existing Overhead Power and Telecoms Cables. Contractor is to prepare a method statement to ensure operatives are familiar and competent with the dangers of working near overhead cable.
3. The works will involve the movement of plant and machinery within a live carriageway and footway. There is a risk of potential conflict between plant/machinery and private vehicles/pedestrians. Contractor to undertake necessary precautions and ensure suitable traffic management is in place prior to commencement.
4. Working in live sewers. Contractor to ensure operatives are familiar and competent with the dangers of working in live sewers.
5. Excavations within existing tree root zones. Contractor is to seek advice from an Arboriculturalist and work to the methodology and requirements set out in the Arboricultralist's report.
6. Deep excavations associated with the drainage installation of soakaways & manholes. Contractor is to ensure suitable temporary works are in place to ensure the safety of operatives and the public (where necessary). Contractor to ensure operatives are familiar and competent with the dangers of working in deep excavations.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved risk assessment and method statement

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STRUCTURAL AND CIVIL ENGINEERS
Unit 11a, Hargreaves Business Park, Hargreaves Rd, Eastbourne, East Sussex. BN23 6QW
T: 01323 405700 E: info@wallergray.co.uk

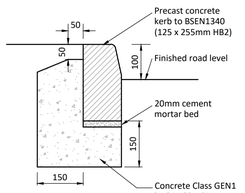
Client: Sunninghill Construction

Project: The Cobblers Slinfold

Drawing Title: Surface Finishes & Construction Details

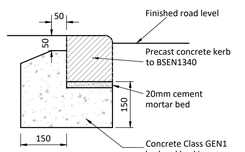
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Drawing No: WG1442/221 Rev: C2



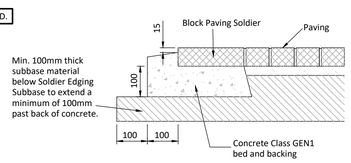
HB2 KERB
(1:10)

ALL FULL LENGTH PCC KERBS ARE TO BE MECHANICALLY HANDLED.

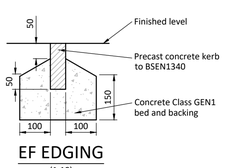


BN KERB
(1:10)

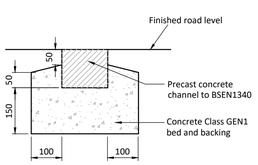
0-6mm @ Pedrestrian Crossing
20-25mm @ Vehicular Crossing



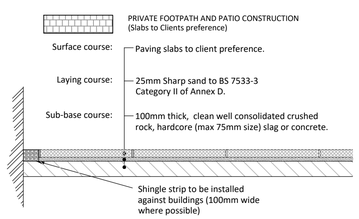
BLOCK PAVING SOLDIER COURSE
(1:10)



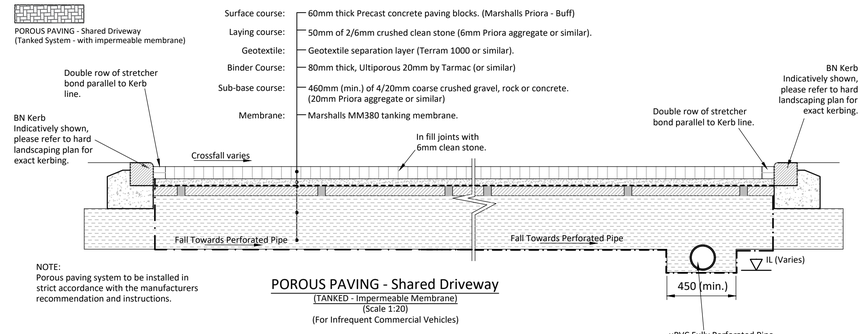
EF EDGING
(1:10)



CS2 CHANNEL
(1:10)

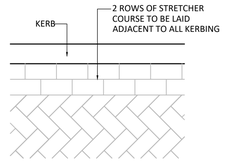


PRIVATE PATIO/FOOTPATH CONSTRUCTION
Pedestrian use only
(Scale 1:20)

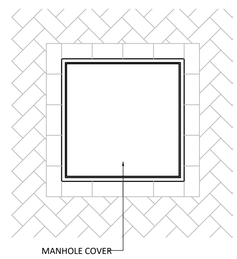


NOTE:
Porous paving system to be installed in strict accordance with the manufacturers recommendation and instructions.

POROUS PAVING - Shared Driveway
(TANKED - Impermeable Membrane)
(Scale 1:20)
(For Infrequent Commercial Vehicles)



45° HERRINGBONE BLOCK PAVING PATTERN



BLOCK PAVING AROUND IRONWORK
(Scale 1:20)

Southern Testing Geotechnical Report (Ref: J14185) suggests a CBR of no greater than 2.5%, based on testing undertaken. If the CBR is found to be lower than the tested value in the location of the proposed make up, the depth of subbase should be adjusted to suit the table below.

The subgrade is identifed as being frost susceptible in the Southern Testing report.

All prepared subgrades should be proof rolled with a heavy dead weight roller and any soft or loose spots identified by the passing of the roller should be removed and replaced with locally thickened subbase material.

Prepared subgrades should be protected from severe adverse weather by ensuring they are graded to falls to prevent ponding, and should be reasonably protected from trafficking during construction.

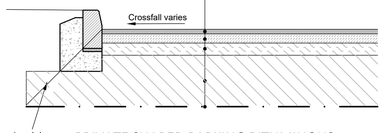
SHARED PARKING AREA (Bituminous)

Overall Road Make Up Adjusted to 450mm thick to allow for min. 450mm thickness as required for Frost Susceptibility of sub-formation soils.

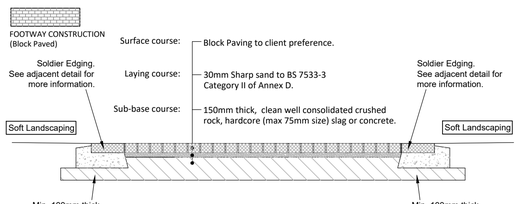
Surface course: 30mm thick, AC10 Dense Surf 100/150
Binder course: 60mm thick, AC20 Dense Bin 100/150
Road-base course: 80mm thick, AC32 Dense Base/Bin 100/150
(~) Sub-base course: 280mm thick DoT Type 1 to clause 803 Table 8/2 MCHW1 Series 800
Geotextile: Geotextile at formation.

SUB-BASE TABLE

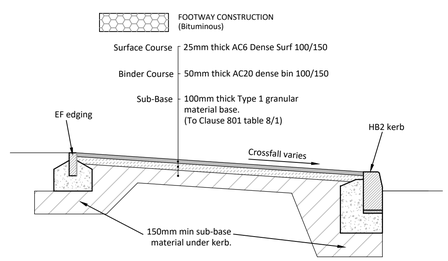
CBR VALUE	Minimum thickness (mm) of sub-base (Consolidated in accordance with MCHW Volume 1 clause 801, table 8/1)	
	Without Geotextile	With Geotextile
Less than 2%	N/A	350mm
> 2% - 3%	325mm	250mm
> 3% - 5%	250mm	150mm
> 5% - 7%	150mm	
> 7% - 20%	100mm	



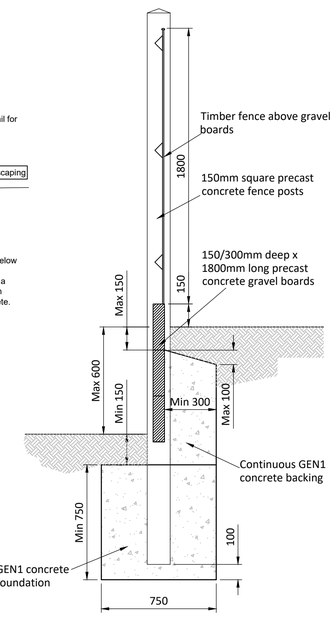
PRIVATE SHARED PARKING BITUMINOUS MACADAM CONSTRUCTION
For frequent commercial vehicles
(Scale 1:20)



PRIVATE FOOTPATH CONSTRUCTION
(BLOCK PAVING)
Pedestrian use only
(Scale 1:20)



BITUMINOUS FOOTWAY CONSTRUCTION
(Scale 1:20)



CONCRETE GRAVEL BOARD RETAINER
Max Height 600mm
(Scale 1:20)