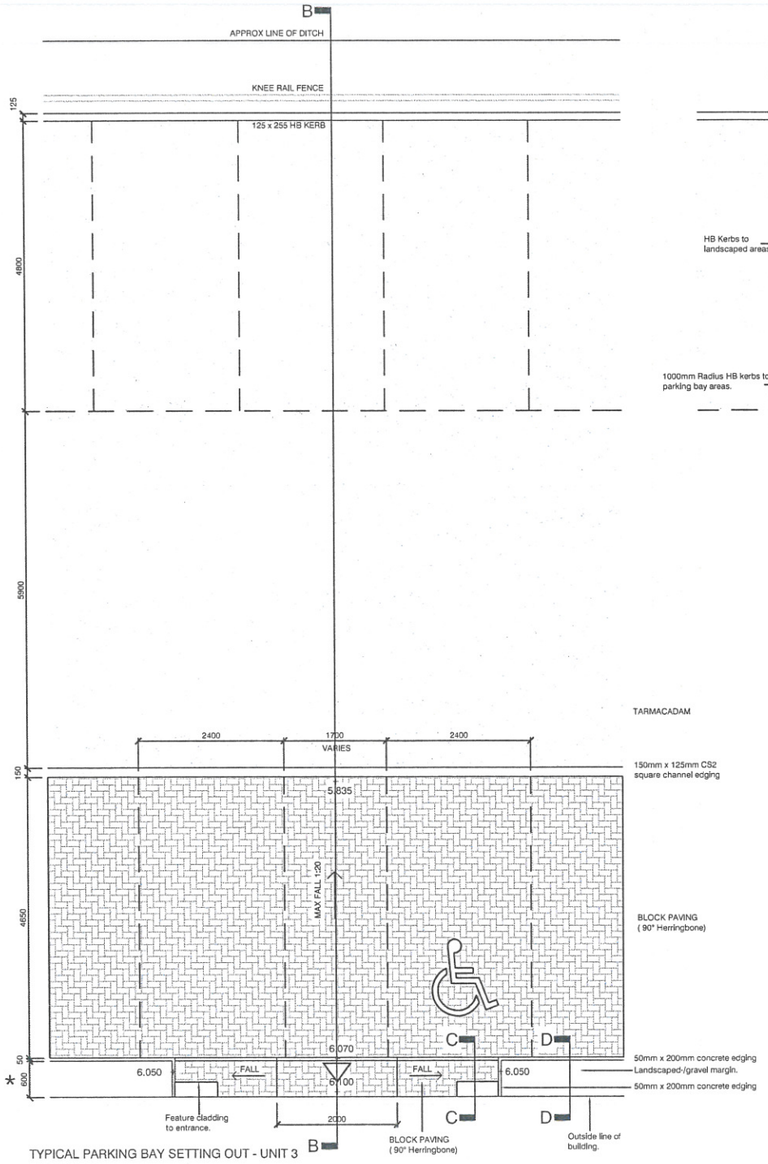
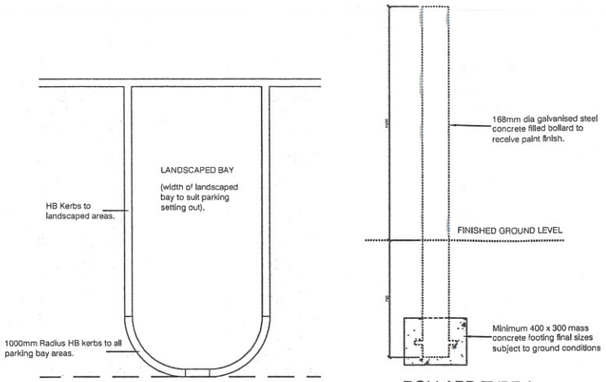
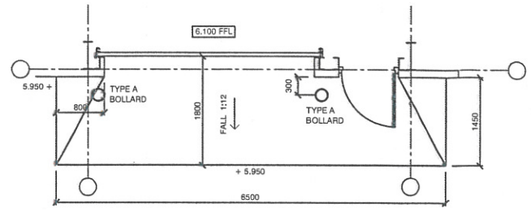


TYPICAL PARKING BAY SETTING OUT - UNIT 3
Scale: 1:50
*(NOTE: Dimension off building for UNIT 4 = 600mm)

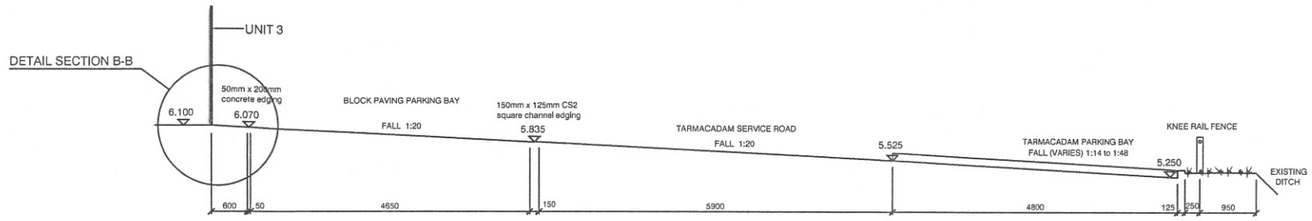


BOLLARD TYPE A
Scale 1:20

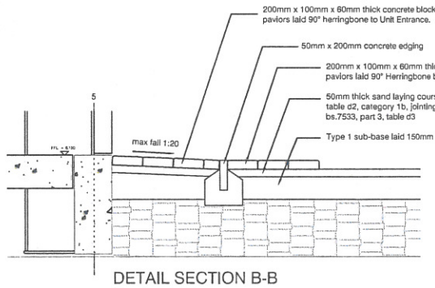


TYPICAL CONCRETE RAMPED ACCESS TO UNIT 3
Scale: 1:50

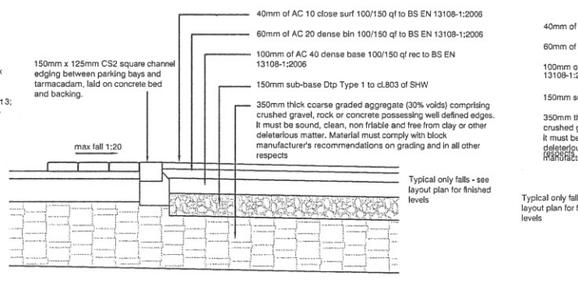
1. All drainage works to be carried out in accordance with 'Sewers for Adoption - 6th edition' as published by the Water Research Centre and Interim Technical Addendum No. 1
2. All pipes to be vitrified clay to BS EN 295 or concrete pipes to BS 5911 and BS EN 1916 where greater than 225mm diameter, or approved pvcu, unless otherwise stated. No plastics pipework to be incorporated into any concrete manhole construction.
3. Pipe bedding material shall conform to BS EN 1610 annex b table b.15 and shall be 10mm single size or graded 5mm to 20mm with minimum 150mm thickness of bed and surround carefully compacted.
4. Where the trench for any new pipeline is within the zone of influence of an adjacent building, class Z bedding shall be used and the trench backfilled with lean mix concrete or as otherwise detailed.
5. All trenches in vehicular areas shall be backfilled with an approved imported granular material compacted in 225mm thick layers and reinstated in accordance with the specification
6. The contractor is to commence works on site by excavating trial holes on the existing pipe at the location of proposed new manholes and checking the invert level/position of the sewers at these points. Any discrepency between these invert levels/positions and the levels/positions indicated on the drawings is to be reported to the engineer before proceeding with any further works.
7. All existing manholes and pipe runs on site are to be investigated and, if found to be redundant, they shall be grubbed out during the construction works or filled with concrete.
8. Prior to works commencing, the contractor shall carry out an inspection of any existing pipeline within the site that is to be retained in order to confirm its structural and hydraulic condition.
9. The contractor is to keep a record of all variations made on site, including the relocation of sewers or drains, and pass the information to the engineer so that as-constructed drawings can be prepared upon completion of the project.
10. The contractor should check all dimensions on site, no dimensions are to be scaled from these drawings, the engineer is to be notified immediately of any discrepancies encountered.
11. Reference is to be made to all statutory undertakers to ensure that any new works do not interfere or conflict with any existing apparatus.
12. Linear drainage is to comprise Elkington Gatic Slotdrain and is to be 150mm 'Unislot' installed in accordance with the manufacturer's recommendations.
13. Geocellular units are to comprise Wavin AquaCell Blue or similar approved - see Layout Plan for levels and connection details. Units are to be laid and jointed in accordance with the manufacturers recommendations for infiltration applications.

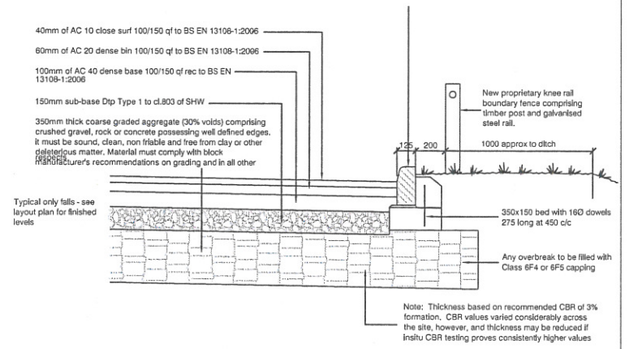


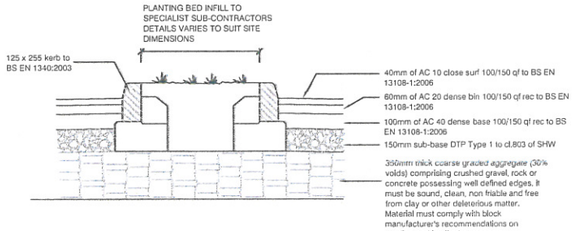
SECTION THROUGH SERVICE ROAD AT SECTION B-B
Scale: 1:50



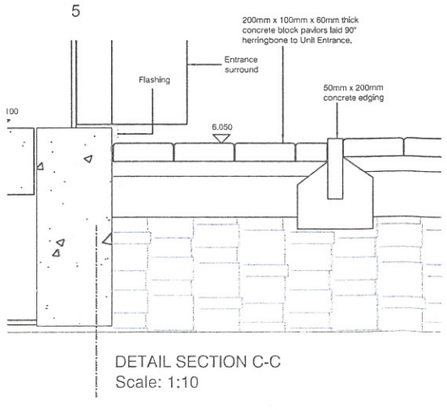
DETAIL SECTION B-B
Scale: 1:20



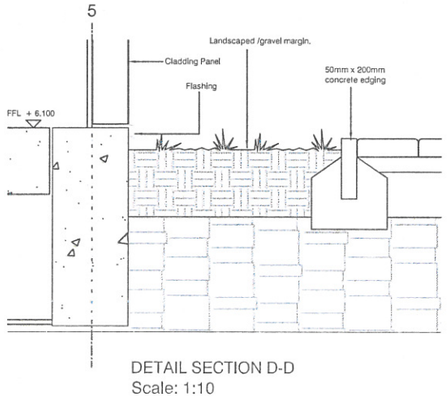




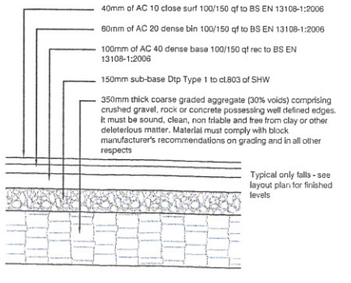
DETAIL SECTION A-A
Scale: 1:20



DETAIL SECTION C-C
Scale: 1:10



DETAIL SECTION D-D
Scale: 1:10



SECTION THROUGH MACADAM ROAD
Scale: 1:20

APPROVED FOR CONSTRUCTION

REV	DESCRIPTION	DATE
C	Parking bay and road setting out plan amended.	23.04.14
B	Cross section levels amended.	08.04.14
A	Parking areas to Unit 3 amended. Details and cross section added.	26.02.14

REVISION

job no.	drawing no.	rev.
146-300	109	C

scale	drawn by	date
1:200 @ A1	CB	14.01.14

Solent Trade Park
Solent Road
HAVANT

EXTERNAL WORKS DETAILS

Hargreaves
Rustington House, Worthing Road, Rustington, West Sussex, BN16 3PS
Tel No: (01903) 777777 Fax No: (01903) 777700

CAD Files: V:\HAVANT\SOLENT TRADE PARK\CCL CONSTRUCTION DRAWINGS PHASE 2 SITE PLAN\146 - 300 109B - 109C EXTERNAL WORKS PLAN AND DETAILS.DWG