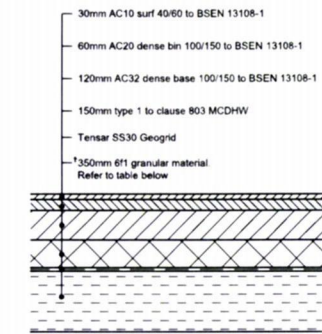
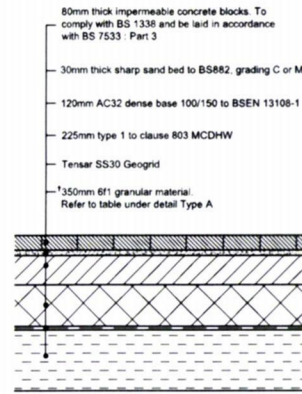


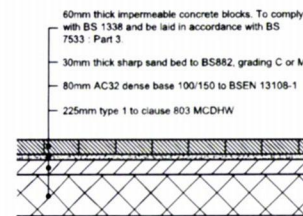


CBR of sub grade %	<=2	2-3	3-5	5-7	7-20
Capping layer without Geotextile	N/A	125	250	150	100
Capping layer with Geotextile	300	225	150	N/A	N/A

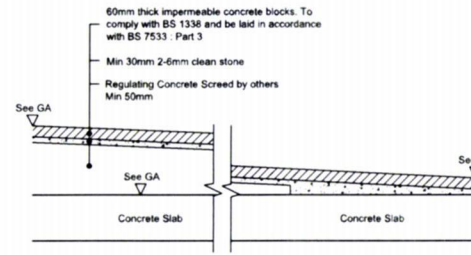
TYPE A - ASPHALT CONCRETE CARRIAGEWAY CONSTRUCTION
(Scale 1:20)



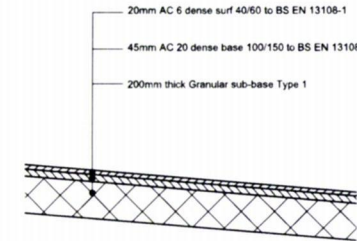
TYPE B - BLOCK PAVING CARRIAGEWAY CONSTRUCTION
(Scale 1:20)



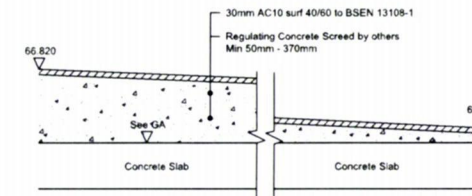
TYPE C - BLOCK PAVING DRIVE CONSTRUCTION
(Scale 1:20)



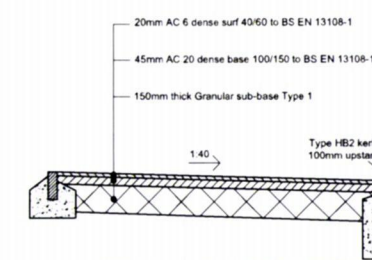
TYPE D - BLOCK PAVING UNDERCROFT VEHICLE ACCESS CONSTRUCTION DETAIL PLOTS 16 AND 37-41
(Scale 1:20)



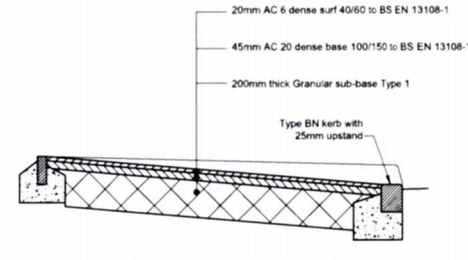
TYPE E - ASPHALT CONCRETE DRIVEWAY CONSTRUCTION
(Scale 1:20)



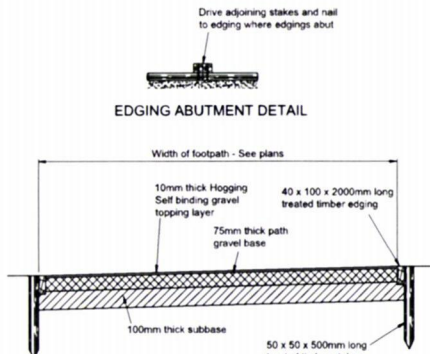
TYPE F - TARMAC UNDERCROFT VEHICLE ACCESS CONSTRUCTION DETAIL - PLOT 16
(Scale 1:20)



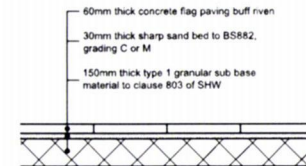
TYPE G - ASPHALT CONCRETE FOOTWAY CONSTRUCTION
(Scale 1:20)



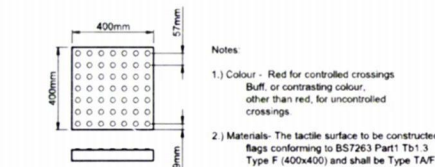
TYPE H - ASPHALT CONCRETE VEHICULAR CROSSOVER CONSTRUCTION
(Scale 1:20)



TYPE J - RURAL FOOTPATH
(Scale 1:20)



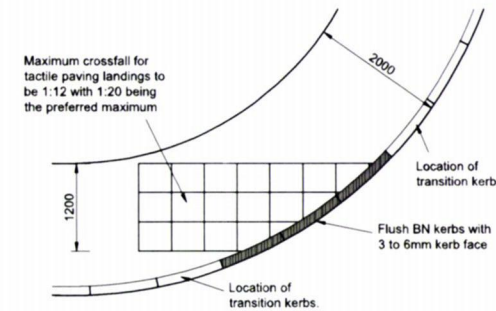
TYPE K - PAVING SLAB PATIO / FOOTPATH CONSTRUCTION
(Scale 1:20)



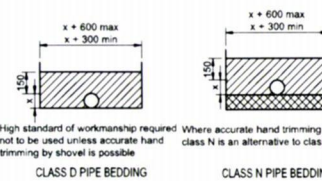
PLAN AND ELEVATION

TACTILE PAVING
(Scale NTS)

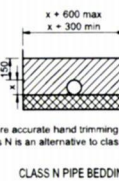
DETAIL OF DOME



TYPICAL TACTILE PAVING LAYOUT
(Scale 1:20)



CLASS D PIPE BEDDING

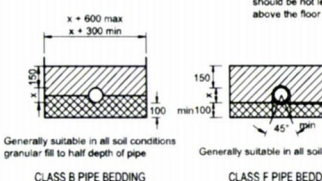


CLASS N PIPE BEDDING

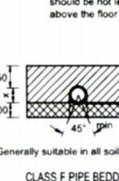
PIPE BORE	BEDDING CLASS	Fields and gardens		Light traffic roads		Heavy traffic roads	
		MIN	MAX	MIN	MAX	MIN	MAX
100mm	D or N	0.4	4.2	0.7	4.1	0.7	3.7
	F	0.3	5.8	0.5	5.8	0.5	5.5
	B	0.3	7.4	0.4	7.4	0.4	7.2
150mm	D or N	0.6	2.7	1.1	2.5	—	—
	F	0.6	3.9	0.7	3.8	0.7	3.3
	B	0.6	5.0	0.6	5.0	0.6	4.6
225mm	D or N	—	—	—	—	—	—
	F	0.6	2.5	1.2	2.1	—	—
	B	0.6	3.3	0.8	3.2	0.9	2.4

PIPE BEDDING FOR RIGID APPLIES (NON ADOPTIVE DRAINS)

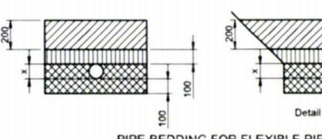
	Selected fill: free from stones larger than 40mm, lumps of clay over 100mm, timber, frozen material and vegetable matter.
	Granular material: should conform to BS 882 1983 table 4 or BS6301 1985 Appendix D. Compaction fraction > 0.3 for class N > 0.2 for class F and B.
	Selected fill or granular fill free from stones larger than 40mm.
	'x' - Denotes external pipe diameter.



CLASS B PIPE BEDDING

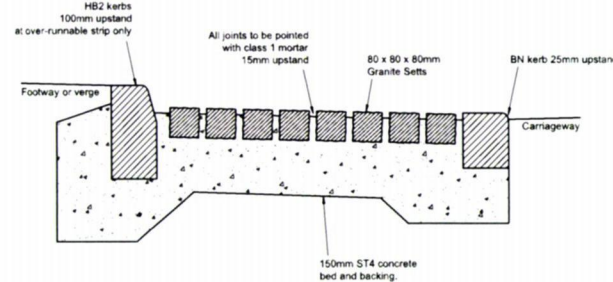


CLASS F PIPE BEDDING

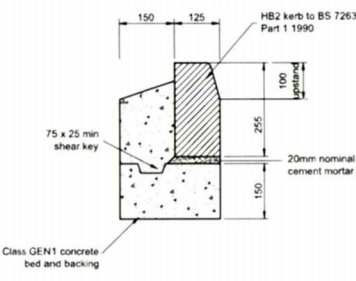


PIPE BEDDING FOR FLEXIBLE PIPES

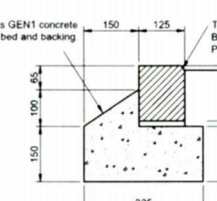
PIPE BEDDING DETAILS (NON ADOPTABLE DRAINS)
(Not To Scale)



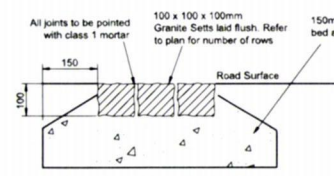
TYPICAL OVER-RUNNABLE STRIP
(Scale 1:10)



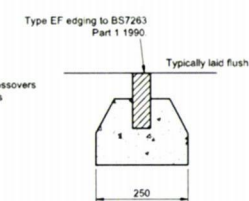
HB2 KERB DETAIL
(Scale 1:10)



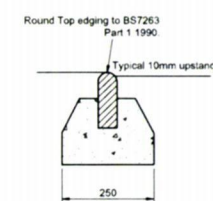
BN KERB DETAIL
(Scale 1:10)



GRANITE SETTS RUMBLE STRIP 3 ROWS
(Scale 1:10)



FLAT TOP EF EDGING DETAIL
(Scale 1:10)



ROUND TOP EDGING DETAIL
(Scale 1:10)

GENERAL NOTES:

- 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.
- This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
- The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.

DRAINAGE NOTES:

- All adoptable pipes, bends and junctions shall be vitrified clay in accordance with the current version of BS EN 295-1, with flexible joints and kitemark certified.
- All adoptable sewers shall be in strict accordance with the SSG Appendix C - Design and Construction Guidance. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a class 5 bedding. Where the depth to soffit is less than 1.2m under a public highway or 0.9m elsewhere the pipe shall be laid with a class 2 bedding.
- All private building drainage shall be constructed in strict accordance with the current version of BS EN 752:2017. Unless otherwise specified building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for foul drains and 1 in 80 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.
- Where a pipe is within 1m of a foundation the trench shall be filled with class GEN 3 concrete up to the lowest level of the foundation. Where the trench is further than 1m from the foundation, the trench shall be filled with class GEN 3 concrete to a level below the lowest level for the foundation equal to the distance from the foundation less 150mm. In both cases the pipe shall be bedded and surrounded in 150mm thick class GEN 3 concrete.
- Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular material.
- In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreglass or polystyrene) shall be provided at a maximum of 8m centres (coinciding with pipe joints). The boards shall be pre-cut to pipe diameter and to a height and width equal to the concrete cross section. A board thickness of 18mm for pipes up to 450mm nominal diameter and 30mm for pipes over 450mm nominal diameter.
- All syps shall have rodding access plates fitted at their bases (ground floor level).
- Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.
- Any discrepancy between the drawing and site should be reported immediately to the Engineer.
- All manhole and chamber sizes are given as a minimum to meet the SSG Appendix C-Design and Construction Guidance.

HAVANT BOROUGH COUNCIL

19 OCT 2021

E	27.09.21	[PJR]	Minor amendments	SB
D	15.09.21	[MJP]	Undercroft block paving detail added	SB
C	14.09.21	[PJR]	Issued for Tender	SB
B	01.06.21	[PR]	Granite Setts details added	SB
A	18.02.21	[PR]	Aquacell tank minimum depth revised	SB

Issue Status: **TENDER**

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Bargate Homes Limited
Norton Heights
Phase 2
Lovedean Lane, Hordean
Construction Details
Sheet 2 of 3

DATE	Jan 2021	PROJECT NO	23246
PR	SB	CHKD	502
SB	SB	REV	E
SCALE	Various @ A1		