KEY:

Stepped Cavity Tray	SCT
External Brickwork	EXT BWK
Tanking	T T T
Slab on Edge	SOE
Retaining Wall	RWALL
Fall Arrows	
Proposed Levels	xxx.xxx
Primary Access	
Secondary Access	

4347–05 4347–06

OPEN SPACE

COMBINED NEAP / LEAP

OPEN SPACE

OPEN SPACE

PUMP STATION

INVERT LEVEL OF EXISTING DN600 RISING MAIN TO BE CONFIRMED BEFORE ANY CONSTRUCTION WORK BEGINS

LINE OF FOOTPATH 154 DIVERSION.

IDB Ditch Culvert

IDB Ditch Culvert

CYCLE PATH

ROAD 23

ROAD 23

ROAD 23

ROAD 23

ROAD 23

RAMP

RAMP

PUSH PANEL

PUSH PANEL

BCP

FFL 4.650 FFL 4.650 FFL 4.500 FFL 4.500 FFL 4.350 FFL 4.400 FFL 4.700 FFL 4.700 FFL 4.550 FFL 4.500 FFL 4.600 FFL 4.450 FFL 4.650 FFL 4.800 FFL 4.500 FFL 4.400

FFL 5.750 FFL 5.600 FFL 5.750 FFL 5.600 FFL 5.850 FFL 5.700 FFL 5.950 FFL 5.800 FFL 6.100 FFL 5.950 FFL 6.000 FFL 5.850 FFL 5.900 FFL 5.750

FFL 5.600 FFL 5.600 FFL 5.450 FFL 5.450 FFL 5.300 FFL 5.450 FFL 5.600 FFL 5.450 FFL 5.600

FFL 5.500 FFL 5.500 FFL 5.500 FFL 5.500 FFL 5.500 FFL 5.500 FFL 5.650 FFL 5.500 FFL 5.650

FFL 5.550 FFL 5.550 FFL 5.250 FFL 5.250 FFL 5.100 FFL 5.250 FFL 5.100

FFL 5.800 FFL 5.800 FFL 5.800 FFL 5.800 FFL 5.900 FFL 5.800 FFL 6.000 FFL 5.800 FFL 6.000 FFL 5.700 FFL 5.700 FFL 5.650 FFL 5.700 FFL 5.650 FFL 5.700 FFL 5.350 FFL 5.150 FFL 5.150

mkr's 600dia/54m pumped sewer 1.6m deep

mkr's 600dia/1.2m deep

route of 600D pumping main (located by trial pits)

Construction Notes:

1. Do not scale from this drawing.
2. All dimensions in metres.
3. All levels relate to ordnance datum.
4. This drawing is based on the latest Architectural planning layout and shall be read in conjunction with all other relevant longitudinal sections and construction drawings.
5. Any discrepancies with any of the drawings shall be reported to MJA Consulting Engineer.
6. The level and location of all existing services shall be verified on site by the Contractor before commencing any construction work.
7. Contractor must comply with all current legislation relating to CDM, Health and Safety and COSHH.
8. All material in excess of 20kg (i.e. kerbs, manhole units cover etc.) shall be mechanically lifted and laid where possible at all times.
9. Manholes, sewers, headwalls and other structures intended to convey surface water or sewerage are to be constructed in accordance with the Water Authorities Association specification "Sewers for Adoption" 6th edition and to Southern Water specification and addendum.
10. Gullies, gully connections, drains, manholes, catchpits, soakaways, headwalls and other drainage structures intended to convey highway water are to be constructed in accordance with the specification issued by West Sussex County Council.
11. All foul and storm water drains which are not to be adopted as public sewers under a section 104 agreement shall be constructed using uPVC pipes or similar approved, bedded and backfilled in accordance with the manufacturers instructions and to the Building Regulations Part H, BS EN 752 & B.R.E. SD1.
12. All building drainage to be 100mm dia. laid at a minimum gradient of 1 in 60 (FW) and 1 in 80 (SW) unless otherwise shown.
13. Sewers and drains of different diameters should be laid soffit to soffit
14. Inspection chambers on private drains shall be non–access preformed polypropylene.

Depth to invert	Minimum size
< 0.6m	DN300
> 0.6m	DN475

In accordance with the Building Regulations Part H & BS EN 752.

15. Position of soil pipes, stubstacks, WC outlets rainwater downpipes etc positions shall be checked against architects house type drawings to ensure compatibility.
16. SVP's to be positioned at head of all foul drainage runs in accordance with Building Regulations Part H, BS EN 752.
17. Where back inlet gullies are used they should be roddable (where utilised).
18. All stub stacks to be fitted with air admittance valve where branch drain exceeds 12m except at head of run.
19. Rainwater downpipes to be connected directly to drains via removable adapter to permit access for rodding.
20. Positions of yard and house gullies are nominal and may be adjusted on site, aco drains to be installed at the end of all drives falling towards the public highway. All gully gratings in drives and parking areas should be of sufficient strength to withstand vehicular loading.
21. Lintels or sleeves are to be provided for drains passing through foundation brickwork.
22. All gully connections to be 150 dia. uPVC ultrarib or similar and all connections other than at manholes to be "Y" junctions
23. All drain runs are to be flushed through and building materials removed where necessary at the time of final test by Building Inspector and prior to occupation.
24. All soakaways to be positioned a minimum of 5.0m from buildings (where utilised)
25. All finished floor levels are shown on the drawing for guidance only and may need to be adjusted on site. However there is to be no deviation without prior approval
26. All drives are to have a crossfall or gradient of 1:40 minimum. Maximum drive gradient on down slope to be 1 in 10 and 1 in 8 on up slopes.
27. Continuous edging to be laid at rear of service margin.

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CONSTRUCTION

REV. No.	DATE	DESCRIPTION	INITIALS
M	01.12.16	Plot 101 garage moved forward from boundary	HJS
L	17.10.16	Road 23 updated following replan.	HJS
K	13.09.16	Plot 100 (PH5D) garage level, private/shared drive levels amended	HJS
J	09.10.15	Blocks 62–64 garage positions amended.	HJS
H	31.07.15	Construction Issue	HJS
G	15.07.15	Plots 91–101 replan update	HJS
F	15.10.14	Parking & Garage numbers updated.	HJS
E	06.05.14	Plot numbers updated.	BC
D	25.04.14	Amended to suit latest architect blockplans.	HJS
C	05.03.14	Updated to suit latest planning layout & working drawings added.	HJS
B	07.12.11	Updated to Phase 4/5 re–plan December 11	KTG
A	17.11.11	Updated to Phase 4/5 re–plan November 11	KTG

Client: BARRATT

Project: Phase 4 Felpham, Bognor Regis

Title: External levels Layout Sheet 1 of 2

MJA CONSULTING
CIVIL AND STRUCTURAL ENGINEERS
58-62 Ock Street, Abingdon
Oxon, OX14 5BZ
Tel: 01235 555173
Fax: 01235 523226

Scale: 1:250 | Date: June '09 | Drawing No.: 4347:05 | Rev: M

Checked | Drawn: WSR