

Proposed Private Drainage:

Impermeable block paving

Impermeable Tarmac paving

Hogging Path

All private inspection chambers shall be polypropylene non-access chambers in accordance with The Building Regulations, Part H.

Chamber sizes:
Depth to invert <0.6m DN300
Depth to invert >0.6m DN475

Invert levels shown thus: F10.00 S10.00

Stepped Cavity Tray

External Brickwork

Tanking

Slab on Edge

Retaining Wall

Prepared Levels

Primary Access

KEY PLAN:

Sheet 1 | Sheet 2

Sheet 4

Existing ditch to be cleared of vegetation, silt and debris where possible with consent of land owner & Arun D.C.

Headwall IL 17.20
Ditch Bed L 21.05

High level overflow to adjacent ditch system. Flow controlled for all storm events.
Weir Level 110.15
IL 11.250

high level overflow to adjacent ditch system. flow controlled for all storm events.
Weir Level 11.508
11.043

Headwall IL	10.95
Nitch. Bed. I	10.80

Existing Culvert down stream to be improved. Details to be agreed with Arun DC Engineer. Subject to land owner consent.

LEAP
(455m²)

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" 7th 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 shall be constructed in accordance with the following agreement shall be constructed using uPVC pipes or similar approved and backfilled in accordance with the manufacturers instructions and to the Building Regulations Part H, BS EN 752 & B.R.E. S01.
12. All building drainage to be 100mm dia. laid at a minimum gradient of 1 in 40 where serving less than 1 WC, 1 in 80 otherwise (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
15. 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. Where back inlet gullies are used they should be roddable.
17. All sub stacks to be fitted with air admittance valve where branch drain exceeds 12m except at head of run.
18. Rainwater downpipes to be connected directly to drains via removable adapter to permit access for rodding.
19. Positions of yard and house gullies are nominal and may be adjusted on site, all 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.
20. Lintels or sleeves are to be provided for drains passing through foundation brickwork.

Proposed Street Lighting

Proposed 6m high Street Lighting column fitted with post top mounted luminaire with 5 degree tilt. Luminaire to be Phillips Micro Luma BGP615-DM50-1600-12LED-239mA-5S-CLO-L90 controlled by photocell.
Column to be painted Sherwood Green BS12C39.

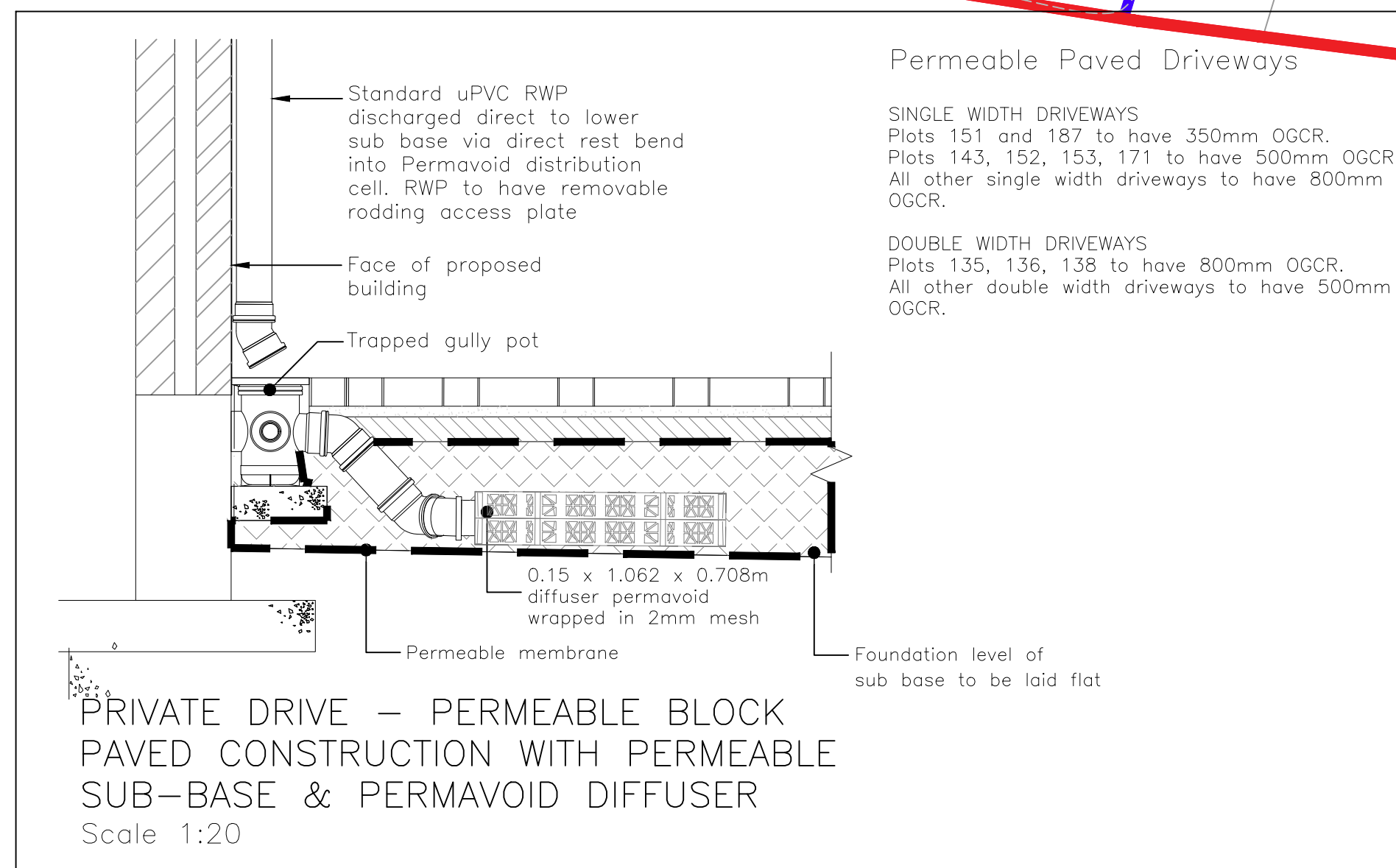
All columns to be positioned at the rear of the footway or verge, in all cases a minimum of 0.5m from trafficked areas.

Proposed Illuminated Bollard

DW Windsor Pharola Max PM1
900mm high 152mm ø
12 x 2.4W LED's Neutral White 4100K
Textured Black RAL 9016



See Drawing No's 5655:61-64 Combined Services Layouts
for feeder pillar locations



PRELIMINARY

P	05.12.18	Engineering updated to suit latest working drawings.	RJC
N	14.06.18	RCP updated for plots T83-187	NB
M	16.05.18	Updated to councils comments.	SS
L	16.05.18	Updated to councils comments.	SS
K	10.05.18	Updated to councils comments.	SS
J	01.05.18	Updated to councils comments.	SS
I	20.04.18	Updated to councils comments.	SS
H	13.04.18	Updated to councils comments.	SS
G	10.04.18	Updated to clients comments.	SS
F	09.04.18	Updated to councils comments.	SS
REV. No.	DATE	DESCRIPTION	INITIALS

Client



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Title	Scale	Date	Drawing No.	Rev
Engineering Layout Sheet 3	1:250@A0	Sep '17	5655:03	P
	Checked AMC	Drawn WSR		