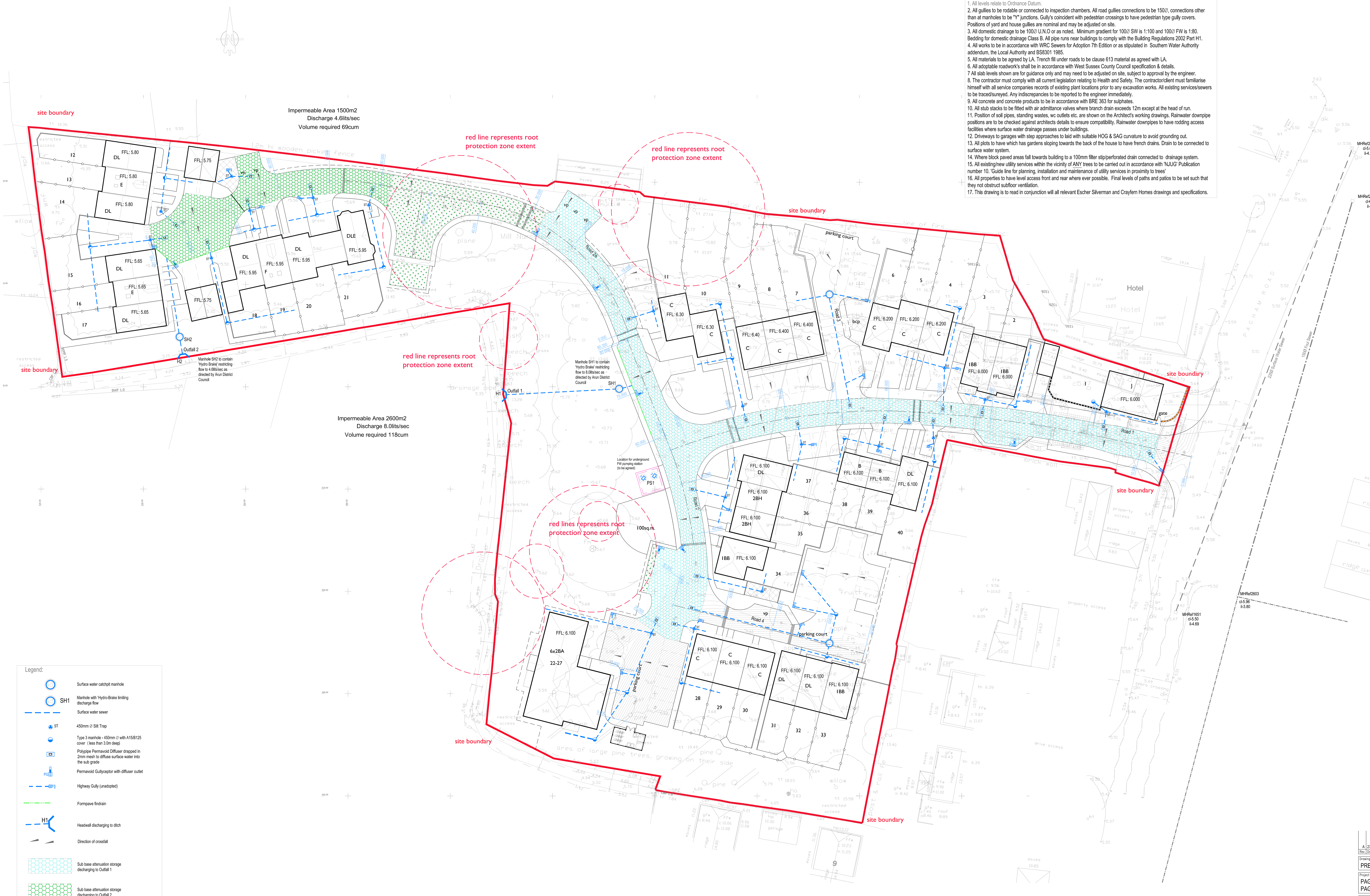

General Notes:

1. All levels relate to Ordnance Datum.
2. All gullies to be rodable or connected to inspection chambers. All road gullies connections to be 150∅, connections other than at manholes to be "Y" junctions. Gully's coincident with pedestrian crossings to have pedestrian type gully covers. Positions of yard and house gullies are nominal and may be adjusted on site.
3. All domestic drainage to be 100∅ U.N.O or as noted. Minimum gradient for 100∅ SW is 1:100 and 100∅ FW is 1:80. Bedding for domestic drainage Class B. All pipe runs near buildings to comply with the Building Regulations 2002 Part H1.
4. All works to be in accordance with WRC Sewers for Adoption 7th Edition or as stipulated in Southern Water Authority addendum, the Local Authority and BS8301 1985.
5. All materials to be agreed by LA. Trench fill under roads to be clause 613 material as agreed with LA.
6. All adoptable roadwork's shall be in accordance with West Sussex County Council specification & details.
7 All slab levels shown are for guidance only and may need to be adjusted on site, subject to approval by the engineer.
8. The contractor must comply with all current legislation relating to Health and Safety. The contractor/client must familiarise himself with all service companies records of existing plant locations prior to any excavation works. All existing services/sewers to be traced/sureyed. Any indiscrepancies to be reported to the engineer immediately.
9. All concrete and concrete products to be in accordance with BRE 363 for sulphates.
10. All stub stacks to be fitted with air admittance valves where branch drain exceeds 12m except at the head of run.
11. Position of soil pipes, standing wastes, wc outlets etc. are shown on the Architect's working drawings. Rainwater downpipe positions are to be checked against architects details to ensure compatibility. Rainwater downpipes to have rodding access facilities where surface water drainage passes under buildings.
12. Driveways to garages with step approaches to laid with suitable HOG & SAG curvature to avoid grounding out.
13. All plots to have which has gardens sloping towards the back of the house to have french drains. Drain to be connected to surface water system.
14. Where block paved areas fall towards building to a 100mm filter stip/perforated drain connected to drainage system.
15. All existing/new utility services within the vicinity of ANY trees to be carried out in accordance with 'NJUG' Publication number 10. 'Guide line for planning, installation and maintenance of utility services in proximity to trees'
16. All properties to have level access front and rear where ever possible. Final levels of paths and patios to be set such that they not obstruct subfloor ventilation.
17. This drawing is to read in conjunction will all relevant Escher Silverman and Crayfern Homes drawings and specifications.

Legend:

- Surface water catchpit manhole
- SH1 — Manhole with 'Hydro-Brake limiting discharge flow
- Surface water sewer
- ST — 450mm ∅ Silt Trap
- Type 3 manhole - 450mm ∅ with A15/B125 cover (less than 3.0m deep)
- Polypipe Permavoid Diffuser drapped in 2mm mesh to diffuse surface water into the sub grade
- PG — Permavoid Gullyceptor with diffuser outlet
- rg — Highway Gully (unadopted)
- Formpave findrain
- H1 — Headwall discharging to ditch
- Direction of crossfall
- Sub base attenuation storage discharging to Outfall 1
- Sub base attenuation storage discharging to Outfall 2
- 'No dig' carriageway construction area
- Existing surface water sewer
- Existing foul water sewer
- 6.50 / 6.00 — Road contours
- New development site boundary

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
CDM Regulations 2015

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

- Working in vicinity of deep excavations.
- Working in live Highway
- Exisitng Services across site and in Highway

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.
Contractor is not relieved of any of his obligations under all applicable health and safety regulations.

Rev.	Date	Details	Initials
A	27.03.17	First issue	KN

Drawing Status: PRELIMINARY

Project: PAGHAM ROAD PAGHAM

Client: Crayfern HOMES

ESCHER · SILVERMAN
Civil & Structural Consulting Engineers
The Stables, Lone Barn Studios, Stanbridge Lane, Romsey, Hampshire. SO51 0HE.
Tel: 01794 521213. Fax: 01794 522195. email: mail@eschers.co.uk
www.eschersilverman.co.uk

Drawing Title: Engineering Details Surface Water Drainage Strategy

Drawn	Checked	Scales	Paper Size	Date
KN		1:250	A0	03.17

Job No.	Drawing No.	Revision
ES1662	500-03	A

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Dimensions should be checked and verified on site and any discrepancies should be reported to Escher Silverman as soon as possible.

ARUN DISTRICT COUNCIL P/33/17/DOC