

Legend:

- F13 Adoptable Foul Drain Rising Main
- F12 Adoptable Foul Sewer with MH TYPE 2 PCC Ring
- F12 150dia 1:150 Foul Drain with MH TYPE 2 PCC Ring, Diameter and Gradient
- F1 100dia 1:80 Foul Drain with TYPE 3 450 Diameter Inspection Chamber, Diameter and Gradient
- F2 100dia 1:80 Foul Drain with TYPE 4 250/300 Diameter Inspection Chamber, Diameter and Gradient
- BD Foul Drain Backdrop
- S28 150dia 1:150 Surface Water with MH TYPE 2 PCC Ring, Diameter and Gradient
- S1 100dia 1:100 Surface Water Drain with TYPE 3 450 Diameter Inspection Chamber, Diameter and Gradient
- S11 225dia 1:225 Surface Water Drain with TYPE 3 600 Diameter Inspection Chamber, Diameter and Gradient
- Surface Water rodding eye
- Surface Water Plastic Yard Gully with 100 Diameter Plastic pipe
- Surface Water Road Gully with 150 Diameter Plastic pipe
- BD Surface Water Backdrop

NOTE: See drawing number ES1838-502-02 for Drainage Schedules.



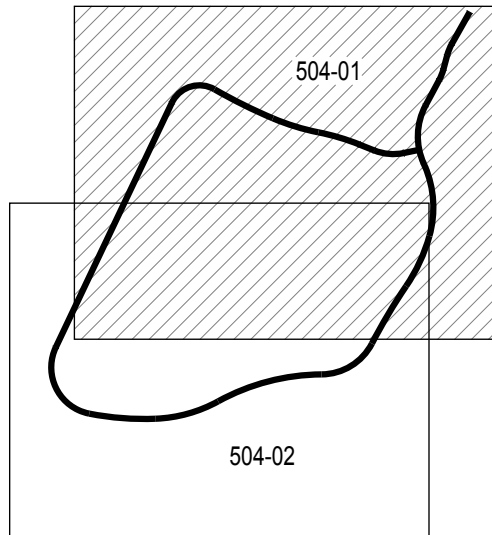
+ Connection via new manhole on existing sewer. Invert level calculated from surveyed levels and sewer records. Contractor to confirm level before commencing works by advising on survey levels of upstream and downstream levels.

+ Engineer to be advised. Connection subject to a section 106 application which must be approved prior to commencing works.

+ Highway opening licence to be obtained by contractor to facilitate laying of new sewer under Burndell Road.

General Notes:

- All levels relate to Ordnance Datum.
- All gullies to be roddable or connected to inspection chambers. All road gully connections to be 1500 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 normal and may be adjusted on site.
- All domestic drainage to be 1000 U.N.O or as noted. Minimum gradient for 1000 SV is 1:100 and 1000 FW is 1:80. Bedding for domestic drainage Class B. All pipe runs near buildings to comply with the Building Regulations 2002 Part H1.
- 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.
- All materials to be agreed by LA. Trench fill under roads to be clause 613 material as agreed with LA.
- All adoptable roadwork's shall be in accordance with West Sussex County Council specification & details.
- All slab levels shown are for guidance only and may need to be adjusted on site, subject to approval by the engineer.
- The contractor must comply with all current legislation relating to Health and Safety. The contractor must familiarise himself with all service companies records of existing plant locations prior to any excavation works. All existing services/sewers to be traced/surveyed. Any discrepancies to be reported to the engineer immediately.
- All concrete and concrete products to be in accordance with BRE 363 for sulphates.
- All stub stacks to be fitted with air admittance valves where branch drain exceeds 12m except at the head of run.
- 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.
- Driveways to garages with step approaches to laid with suitable HOG & SAG curvature to avoid grounding out.
- 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.
- Where block paved areas fall towards building to a 100mm filter stipper/perforated drain connected to drainage system.
- All existing/new utility services within the vicinity of ANY trees to be carried out in accordance with "NUG" Publication number 10. Guide line for planning, installation and maintenance of utility services in proximity to trees
- 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.
- This drawing is to read in conjunction with all relevant Escher Silverman and Crayfern Homes drawings and specifications.



Drawing Sheet Key Plan

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
- Existing 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.

E	25.03.19	Discharge rate corrected	HN
D	15.03.19	Infiltration pavement for individual drives revised	HN
C	04.03.19	Infiltration pavement added for drives of plots P44-45, P41-42, P39-40, P38, P37, P36, P35, P34, P33. Tank 3 size reduced.	HN
B	01.11.18	Ramps added	KN
A	19.09.18	Initial issue	HN
Rev.	Date	Details	Initials

Drawing Status
TENDER

Project
Burndell Road, Yapton

Client



Drawing Title Engineering Details Drainage Layout 1 of 2			
Drawn HN	Checked KAM	Scales 1:250	Paper Size A1
Job No. ES1838	Drawing No. 502-01	Date 09.18	Revision E