

NOTES:

- Line denotes existing combination drain. This will become a foul only drain when the separate system is introduced
- Line denotes new 150mm foul drain.
- Line denotes new 100mm surface water drain (to be laid on top of existing combined drain)
- Line denotes new 150mm drain to discharge treated effluent waste.

PROPOSED WORKS:

- 1) Separate all surface S foul water drainage and run new 100mm SW drains into the existing surface water drainage. Avoid surface water discharging into new sewage treatment plant.
- 2) Provide and install new HEQ7H Sewage Treatment Plant as indicated on plan. Manufactured in accordance with BS 6297 and installed to the requirements of BS EN-12255.
- 3) Provide and install new GFB020 Grease Separator as indicated on plan. Recommended installation distance is min 7.5m from the last fixture to the unit and adequate clearance for the routine cleaning and maintenance must be maintained. Fitted in accordance with BS EN 1825-2:2002. Divert all kitchen waste directly into new Grease Separator via new 150mm drain.
- 4) Provide new MH to accept treated effluent waste and separated storm water before Dissipating into natural watercourse via existing septic tank in farmers field.
- 5) New foul drain required to carry waste from existing outlet at the front of the building. A new pumping facility may be required depending on invert levels.
- 6) Repair agreed lengths of drain only, as highlighted in survey report.
- 7) Repair agreed lengths of RWP S guttering only, as highlighted in survey report.

GENERAL NOTES:

- 1) The design and construction of the proposed drainage works is to be in accordance with the current Building Regulations (Part H) and n.h.b.c. requirements, in conjunction with all relevant British Standards, Codes of Practice and is to be carried out to the satisfaction of the local authority building inspector. Do not scale from drawings - figured dimensions only to be used. Any errors or omissions to be reported to the architect.
- 2) The onsite contractor is responsible for checking and correctly establishing all dimensions, invert levels, positions of existing drains / chambers / sewers and sizes relevant to the works outlined in this drawing & is responsible for executed works.
- 3) Where it is required that inspection be made by the local authority this shall be arranged by the contractor to suit their program.
- 4) All proprietary fixings shall be installed in accordance with the manufacturer's recommendations.
- 5) Any new rainwater goods, downpipes, SVP's etc to match existing.
- 6) Any drains wholly or partly under building to be encased in min 100mm of granular or other approved flexible filling. Where drains pass through a building a suitable opening to be formed to give a minimum 50mm clearance with concrete bridge lintel over and connected on each side to rooker pipes with a length of at most 600mm and flexible joints.
- 7) Any part of the existing drainage system to be retained as part of the new scheme shall be cleaned and inspected. Any structural defects shall be repaired or replaced as may be required using appropriate and approved means.
- 8) All road gully and drainage channel connections shall be 150mmØ unless otherwise specified.
- 9) All precast concrete units used in the drainage works shall be manufactured using sulphate resisting cement.
- 10) Manhole covers and frames shall be to BS EN 124 and shall be kitemarked or if to be recessed then in accordance with the FACTA association gradings.
- 11) Depths of pipes to be extrapolated from the invert levels and gradients specified.
- 12) All runs connecting into the public drainage network to be vitrified clay, extra length to BS EN 295 or BS65 with plain sleeved or socketed flexible joints.
- 13) This drawing is for gaining planning and building regulation approval only. IMB assumes that the onsite contractor is a suitably qualified, competent and experienced specialist who are members of a recognised national organisation. Operatives shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.
- 14) All drainage works shall comply with the typical details and the requirements of BS EN 752.

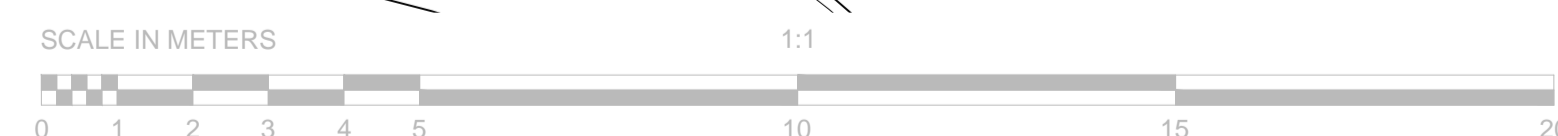
New 7.4m x 2.8mØ Klargester EnviroSAFE HEQ7H 34m³ capacity Sewage Treatment Plant. To be fully submerged below car park. Manufactured in accordance with BS 6297 and installed to the requirements of BS EN-12255.

New Kingspan GFB020 2000 litre capacity Grease Separator, fitted in accordance with BS EN 1825-2:2002

Existing foul to flow back up to new treatment plant. Allow for necessary pumping if required.

Existing drain under road to act as duct for new treated effluent pipe to avoid closing and excavating the highway.

To existing Septic Tank in farmers field and soakaway beyond



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NOTES
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Contractors are to check all sizes and dimensions before setting out any site or shopwork. Any errors or discrepancies to be reported to the designer.

Do not scale off this drawing.

REVISIONS
A: Grease Separator details and further notes added

DATE
March 2012

DWG DESCRIPTION
Proposed Drainage Works

JOB TITLE
The Shady Oak,
Femilee, Whaley Bridge
SK23 7HD

CLIENT
Marstons PLC

DRAWN BY
R. Cross

DATE
Feb 2012

SCALE @ A1
1:100

DRAWING No
905.02

REV
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