

ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND THE DUTIES AND RESPONSIBILITIES CONTAINED THEREIN

K E Y

General Notes

- This drawing is to be read in conjunction with all relevant ARP and Architects drawings and project specifications.
- All drainage works shall be carried out in accordance with the relevant parts of BS EN 752 'Drains and Sewer Systems Outside Buildings', the current Building Regulations and the Local Authority Building Control specifications and requirements.
- The location, size and depth of all existing drains/sewers and services shall be established by the contractor prior to commencement of works on site. Any discrepancies from the information indicated on these drawings shall immediately be brought to the attention of the engineers.
- All levels and dimensions shall be verified on site prior to commencement of any works. Any discrepancies shall immediately be brought to the attention of the engineers.
- All pipes shall be laid with soffits level. All manhole/inspection chamber invert levels shown are for the outlet pipe (unless specified otherwise). All pipe runs shall be laid to the levels indicated.
- All private foul and surface water pipes to be 100mm Ø unless stated otherwise.
- All connections to public sewers to be a minimum of 150mm Ø.
- All private manholes within drives to have B125 covers with concrete collar, all others to be A15.
- All private backdrop manholes to be 900mm PCC chambers unless stated otherwise.
- 450mm chambers for depths greater than 1.2m, restricted access opening to 350mm is required for safety reasons.
- All RWP's & SVP's connections to be 100mm dia (unless specified otherwise by the Architect). Gully connections to be 150mm dia.
- All RWP's, SVP's and connections are shown indicatively or to the latest Architects drawings. Position of down pipes must be confirmed from Architects drawing before laying underground pipework. All down pipes should be provided with a roddable access point above the FFL.
- All private drainage laid within 1m from tree canopies and hedges to have concrete bed and surround.
- Filled ground or soft spots must be excavated, backfilled and consolidated before any drainage works are carried out.
- All excavations in areas of high water tables and granular materials with high sand/silt contents shall be wrapped with a suitable geotextile filter membrane to prevent migration of sands/silts. Full height clay slanks across trenches and/or at manhole locations at 25m intervals to restrict water movement along the excavation shall be provided.
- No water should be allowed to discharge from any private drives onto the adoptable highways. All private gullies and channel drainage positions shown may vary to suit on site working conditions.
- Do not scale from this drawing.

B	MI	21.02.23	Amended to suit 900mm dia. pipe option		MI
A	MI	01.02.23	Drainage amended to clients comments		MI
/	MI	29.11.22	Issued for approval		RSJ
Rev	By	Date	Revision	Chk	Apvd

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TITLE
LONGITUDINAL SECTIONS

PROJECT
**HEATHFIELD LANE
BIRKENSHAW**

CLIENT
SLJ WAKEFIELD LTD

DRAWING STATUS
PRELIMINARY

Scale
H 1:500 V 1:100

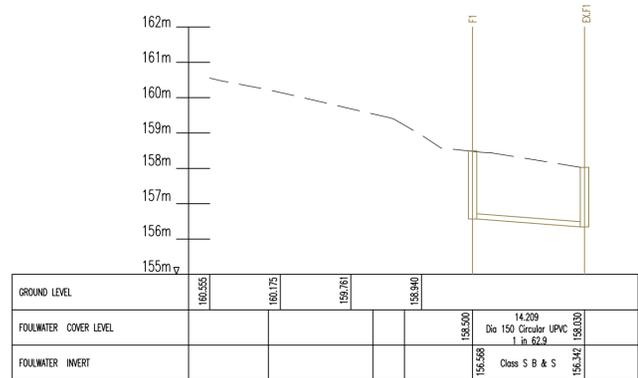
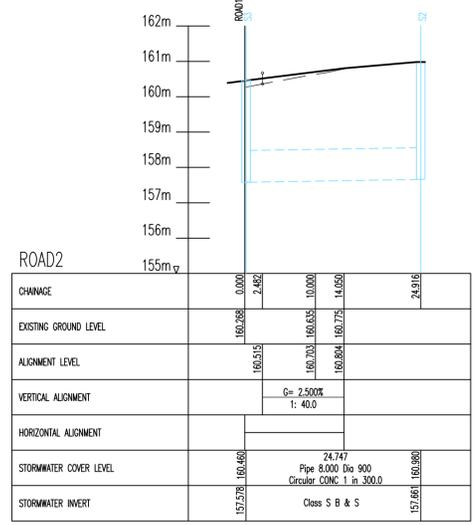
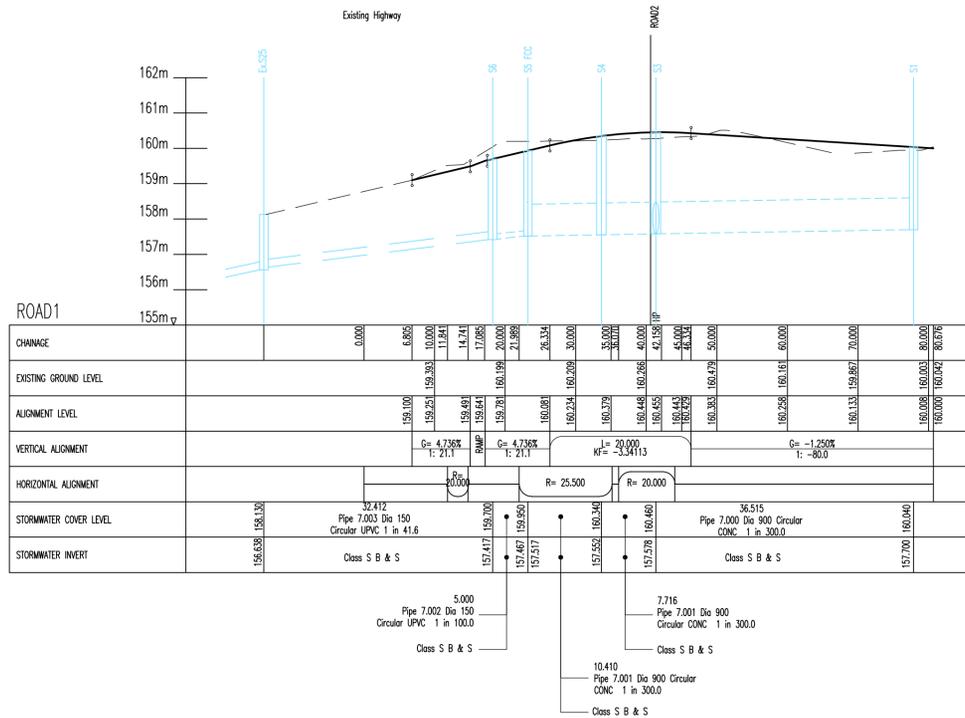
Date
NOV 22

Drawn
MI

Chk.
RSJ

Org. No.
2069/03/06

Rev
B



EACH SEWER LENGTH TO HAVE
TYPE 'S' GRANULAR BED AND
SURROUND

SUBJECT TO THE
APPROVAL OF
ALL RELEVANT
AUTHORITIES

PERMITTED PIPE MATERIALS

CLAYWARE (FOR SEWERS 150-300mm)
All clayware pipes to be vitrified clay and should conform to WIS 4-35-01 and BS EN13476. For 100mm and 150mm diameter pipes a minimum crushing strength of 40KN/m shall be used. A minimum crushing strength of 45KN/m for diameters of 225mm. A minimum crushing strength of 72KN/m for diameters of 300mm.

CONCRETE (FOR SEWERS 300mm AND ABOVE)
All concrete pipes to have minimum crushing strength - Class 120 (54KN/m).

Adoptable plastic sewer pipes to be BS1 Kitemarked and conformed to WIS 4-35-01. Adoptable sewer pipes to be laid in maximum 3 metre lengths unless there is a specific operational need to lay longer lengths.

All plastic drainage to be installed under highway to be HAPAS approved.