

NOTES

- 1. This drawing is to be read in conjunction with all relevant architects, engineers and specialist sub-contractors drawings and specifications.

 2. All setting out to be in accordance with the Architects drawings. Dimensions must not be scaled from the drawing.

 3. All private drainage is to be in accordance with BS EN 752-1-2-3-4, BS EN 1295-1, BS EN 1610 and all relevant sections of Approved Document H of the Building Regulations (2015 Edition).

 4. All adoptable drainage is to be in accordance with "Sewer Sector Guidance' and local Highway Authority requirements where appropriate.

 5. Where drainage pipework is to be flexibly jointed extra strength vitrified day it should be to BS EN 295-1, Hepworth Supersleve' or equivalent.

 6. Where drainage pipework is plastic ic. pro-u it shall be to BS EN 1401-1 (class SN8) OSMA or equivalent.

 7. All concrete pipework shall be to BS EN 1916 and BS 5911-1 (Load class M unless indicated otherwise). Manholes and fittings shall be to BS 5911 parts 3 and 4 and BS EN 1917.

 8. Where drains pass through foundations or connect to manholes, flexible pipe joints Where drains pass through foundations or connect to manholes, flexible pipe joints
- are to be provided within 150mm of the face of the structure and within a further 600mm to form a rocker pipe. Where pipes pass through screen walls, footings or retaining walls, lintels are to be
- 10. Where pipelines pass within 1m of buildings or walls the foundations are to be taken

- 10. Where pipelines pass within 1m of buildings or walls the foundations are to be taken down below the bottom of the pipe trench.

 11. Where connections are to be made to existing manholes/sewers, invert levels, pipe sizes and orientation should be checked prior to the commencement of the works and any variance reported to the engineer immediately.

 12. The contractor is to ensure that protective measures are taken to ensure that drainage pipework and fittings are not damaged by site traffic prior to oversite filling operations being completed around buildings.

 13. Manhole & Pipeline annotation is as follows:

 AC 300mm 0 polypropylene inspection chamber

 IC 450mm 0 polypropylene inspection chamber

 MH precast concrete chamber (diameter/dimensions noted)

 CP Catch pit (base level noted)

 FW foul water

 SW surface water

 - surface water
 combined water
 pump station (type & specification noted)
 flow control (type & specification noted)
- P.C. now control type a specimeanon noted)

 EX existing

 14. All pipework connections are to be arranged to direct flows down or into the main channel in the direction of the main flow. Where necessary 3/4 bends are to be used on oblique connections inside the manhole benching where sufficient room exists or on oblique pipeline connections outside the chamber in order to divert flows down the main channel. Connections brought in perpendicular to the main channel are not acceptable. Where possible the main channel flow shall be from any connections with

- nain challents. Where possible the main channel flow shall be from any connections with WC's to ensure a flush flow through the main channel.

 15. Where preformed polyproplene manhole bases are used, they are to be orientated such that the main flow is through the main channel of the base. This should be achieved by incorporating long radius bends outside of the manhole.

 16. Any connection into a public sewer is to be inspected by the local Water Company and carried out flut jin accordance with their requirements. The contractor is to allow for submitting the appropriate Section 105 Connection to a Public Sewer application forms and paying all necessary fees.

 17. The contractor is to allow for obtaining the appropriate Road Opening licenses from the local Highway Authority and paying all necessary fees for any works associated with off-site sewer connections and highway unders. All reinstatement works within the public highway are to be carried out in accordance with the requirements of the local Highway Authority.

 18. The contractors attention is drawn to the need to ensure that any trenches excavated through previously compacted filled areas, in particular under the building footprint and immediately around the outside, are re-compacted to ensure localised differential settlement does not occur.
- and initioalized you'do live outside, are te-compacted to ensure to classed unlearning settlement does not occur.

 19. Drainage channe(s) to be ACO Multidrain or equivalent across driveways and footpaths, ACO doorway drain across level accesses or equivalent. For installation guidance refer to the manufacturer's specification. Refer to Landscape Architects details for surfacing treatments around units where applicable. Where channels are indicated are in built faller the request units are to be incorrected to provided the indicated as in-built falls the relevant units are to be incorporated to provide the ecessary length of channel gradient from the head of the run to the sump unit.
- Where both invert levels and gradients are given for a pipe run, the gradients are indicative only and the specified invert levels take precedence.

S4 - Suitable for Approval

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Client: Chickerell Town Council

Chickerell Town Hall

Drainage Layout

Sheet 2 of 2

Drawn: JLB Scale: 1:100@A1 / 1:200@A3

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