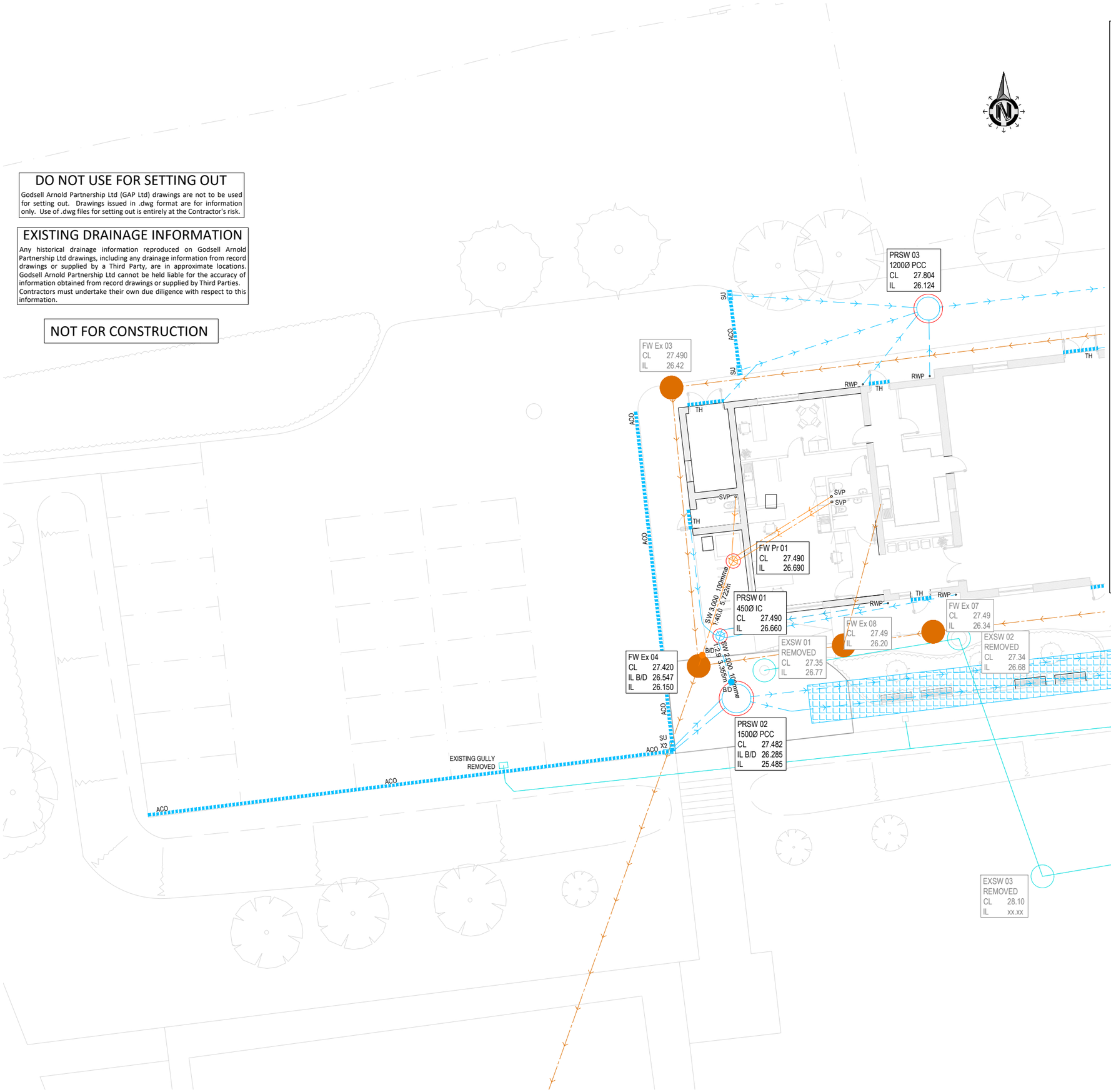
DO NOT USE FOR SETTING OUT

Godsell Arnold Partnership Ltd (GAP Ltd) drawings are not to be used for setting out. Drawings issued in .dwg format are for information only. Use of .dwg files for setting out is entirely at the Contractor's risk.

EXISTING DRAINAGE INFORMATION

Any historical drainage information reproduced on Godsell Arnold Partnership Ltd drawings, including any drainage information from record drawings or supplied by a Third Party, are in approximate locations. Godsell Arnold Partnership Ltd cannot be held liable for the accuracy of information obtained from record drawings or supplied by Third Parties. Contractors must undertake their own due diligence with respect to this information.

NOT FOR CONSTRUCTION



DRAINAGE LEGEND

- Existing surface water sewer (& manhole)
- Existing foul water sewer (& manhole)
- Existing combined sewer (& manhole)
- Proposed surface water sewer (& manhole)
- Proposed foul water sewer (& manhole)
- Backdrop connection
- Proposed 300Ø access chamber
- Proposed 450Ø inspection chamber
- Proposed 600Ø inspection chamber
- 450 Dia. P.C.C. Road gully
- Floor gully
- Square trapped Yard gully c/w shallow bucket
- Rodding eye (refer to plan for invert level)
- Rainwater collection pipe
- Rainwater collection pipe (with access)
- ACO MD200 drainage channel (with sump unit)
- Perforated land drain
- Threshold drain
- PVOD Diffuser unit
- Internal suspended pipe
- Soil & vent pipe
- Stub stack
- Stub stack (with durgo air valve)
- Square trapped Back inlet gully
- Square trapped Back inlet gully (with access)
- Rising main - surface water
- Rising main - foul water
- Pipeline to be removed / abandoned
- Pipeline with concrete surround
- Aquacell [*soakaway/attenuation*]
- Public sewer easement
- Headwall

Refer to Architects / M&E Drawings for exact positions of internal connections & RWP's

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 clay it should be to BS EN 295-1, Hepworth 'Supersleve' or equivalent.
6. Where drainage pipework is plastic i.e. pvc-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 are to be provided within 150mm of the face of the structure and within a further 600mm to form a rocker pipe.
9. Where pipes pass through screen walls, footings or retaining walls, lintels are to be provided.
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 Ø polypropylene or vitrified clay access chamber
    - IC - 450mm Ø polypropylene inspection chamber
    - MH - precast concrete chamber (diameter/dimensions noted)
    - CP - Catch pit (base level noted)
    - FW - foul water
    - SW - surface water
    - CW - combined water
    - PS - pump station (type & specification noted)
    - FC - flow control (type & specification 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 WC's to ensure a flush flow through the main channel.
15. Where preformed polypropylene 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 fully in accordance with their requirements. The contractor is to allow for submitting the appropriate Section 106 `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 works. 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.
19. Drainage channel(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 as in-built falls the relevant units are to be incorporated to provide the necessary length of channel gradient from the head of the run to the sump unit.
20. Where both invert levels and gradients are given for a pipe run, the gradients are indicative only and the specified invert levels take precedence.

S.H.E (Safety, Health & Environmental) Information in accordance to CDM regulations 2015. The following notes refer to Hazards/Risks considered in addition to those normally associated with this type of work. Numbered references correspond to the list below:

1. Attenuation Crate
The crate has not been designed to accommodate vehicle loading from vehicles. Loads in excess of this, including those from lifting equipment outriggers, must not be placed directly above or immediately adjacent to the crate. Loads must be positioned such that they do not impose any vertical or lateral loading onto the crates.

2. Ground Conditions
Refer to the site investigation report for an overview of ground conditions, and be aware that some follow up testing may be required.

3. Temporary Works
The design of any temporary works is the responsibility of a suitably qualified temporary works engineer working on behalf of the contractor.

4. Works Within Public Highway
The contractor should obtain any required permissions from the local authority to undertake works within the public highway, and comply with any requirements set by that authority.

5. Tree Roots
Refer to detailed Arboricultural reports for full details. Be aware it may be necessary to have an arboricuturalist present to act as a watching brief.

6. Works with Watercourse
Consideration should be given to works within a watercourse with regards to potential exposure to Leptospirosis

Rev	Date	Revision Description	Issued by
P01	11.08.25	Preliminary Issue	JLB

Drawing Status: S4 - Suitable for Approval

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Client: Chickerell Town Council

Project: Chickerell Town Hall

Drawing Title: Drainage Layout
Sheet 1 of 2

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

Project-Originator-Zone-Level-Type-Role: 25039-GAP-XX-XX-DR-C
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