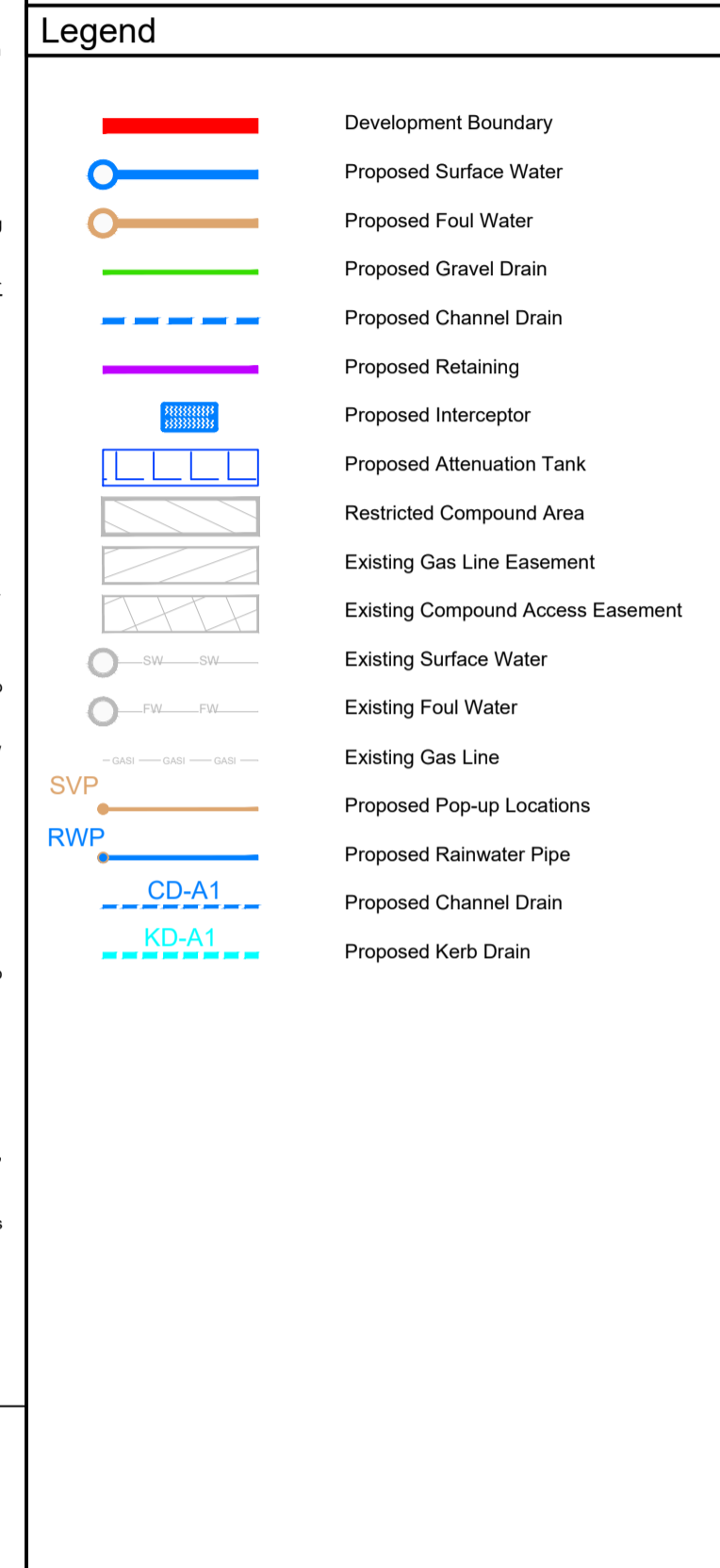


- ### Drainage Notes
- All adoptable surface and foul water drainage works to be carried out in strict accordance with 'Sewers for Adoption' (7th edition) and any specific requirements of the adopting authority.
 - All adoptable highway drainage works to be carried out in strict accordance with the Local Highway Authority requirements and the DT MCHW specification for highway works.
 - All private drainage works are to be carried out in accordance with Building Regulations Part H, BS EN 122, the Civil Engineering Specification for the Water Industry and, where provided, the BWB Drainage Specification.
 - Where applicable the contractor shall allow free and full access to the drainage works for the local authority, highway authority, drainage authority or the overseeing organisation.
 - The exact position, level, line, size and use of existing drainage is to be confirmed on site. Any discrepancies to be reported to the engineer prior to the commencement of works.
 - For new connections to existing manholes, existing benching is to be broken out and reformed to suit. Concrete/brick surround to be made good.
 - All temporary works associated with the construction of the drainage works shall be the responsibility of the contractor, including the protection of any uncovered/shallow pipework against construction traffic.
 - The Contractor is responsible for obtaining and paying for all necessary permissions to enable construction of the works to be undertaken, including but not limited to licences for street works and connections to existing sewers. This includes Section 106 applications when connecting directly or indirectly to the public sewerage network (complete application to be made at least 3 weeks prior to the planned outfall construction works).
 - Any damage caused to existing footways, roads or other third party property to be made good.
 - Under roads and external paved areas all materials within 450mm of finished levels to be non-frost susceptible. Reinstatements shall be undertaken in accordance with the BWB standard detail.
 - All proposed chamber covers are to be marked permanently with 'SWs' (or equiv) on surface water sewers and 'FWS' (or equiv) on foul sewers, all covers to be in accordance with BS EN 124.
 - Unless noted otherwise, all lateral connections are to be installed with level soffits to the diameters and gradients shown on the layout drawing. Any pipe bends should be provided to suit the direction of flow & no pipework should be downsized in the direction of flow.
 - The number and location of all RWP's is shown indicatively only. To be confirmed by Architect / MSE contractor prior to commencement of works.
 - Foul water 'pop up positions' are shown indicatively only, to be confirmed by the Architect / MSE contractor prior to commencement of works. Refer to Architect plans for setting out of internal foul pop up positions.
 - All RWP's and SVP's to be fitted with rotable access plates. All foul drains to have rotable access.
 - Above ground drainage details to be designed/confirmed by the Architect/MSE contractor, including ventilation of the foul drainage system.
 - Proposed drainage passing through new foundations to be sleeved with cast-in oversized pipework.
 - All specialist/proprietary products such as separators, attenuation tanks, channel drains, soakaways, package pumping station and water treatment units to be installed as per the manufacturer's installation details and specifications.

- ### Notes
- Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
 - This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
 - All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
 - Any discrepancies noted on site are to be reported to the engineer immediately.
 - For more information on the site layout, please refer to Jefferson Sheard Architects drawing ref. 1734-JSA-WY-XX-DR-A-012021_Site Plan
 - For more information on the easements, please refer to Jefferson Sheard Architects drawing ref. 1734-JSA-WY-XX-M2-A-01101_Site Constraints
 - For more information on the existing utilities, please refer to Solum Surveying Ltd's drawing ref. 6708_PAS128 Utility Survey
 - For more information on the proposed retaining, please refer to BWB's drawing ref. TRW-BWB-GEN-XX-DR-C-0600_Proposed Levels



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|-----|----------|-----------------------------|-----|-----|
| P03 | 21.06.22 | Tender Issue | DC | JB |
| P02 | 16.05.22 | For Planning | MT | EV |
| T02 | 26.01.22 | FW11 CL and IL added | DC | EV |
| T01 | 07.01.22 | Tender Issue | DC | EV |
| P01 | 20.09.21 | Preliminary Issue | DC | JM |
| Rev | Date | Details of issue / revision | Drw | Rev |

Issues & Revisions

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Client
Henry Boot Developments

Project Title
Tewin Road, Welwyn Garden City

Drawing Title
Proposed Drainage Layout

| | | | |
|--|---------------------------------|-----------|-------------|
| Drawn: | D. Cronin | Reviewed: | E. Veillard |
| BWB Ref: | LNH 2043 | Date: | 20.09.21 |
| Scale: | @A1: 1:250 | Status: | S2 |
| Project - Originator - Zone - Level - Type - Role - Number | TRW-BWB-GEN-XX-DR-C-0500 | | |
| Rev | P03 | | |