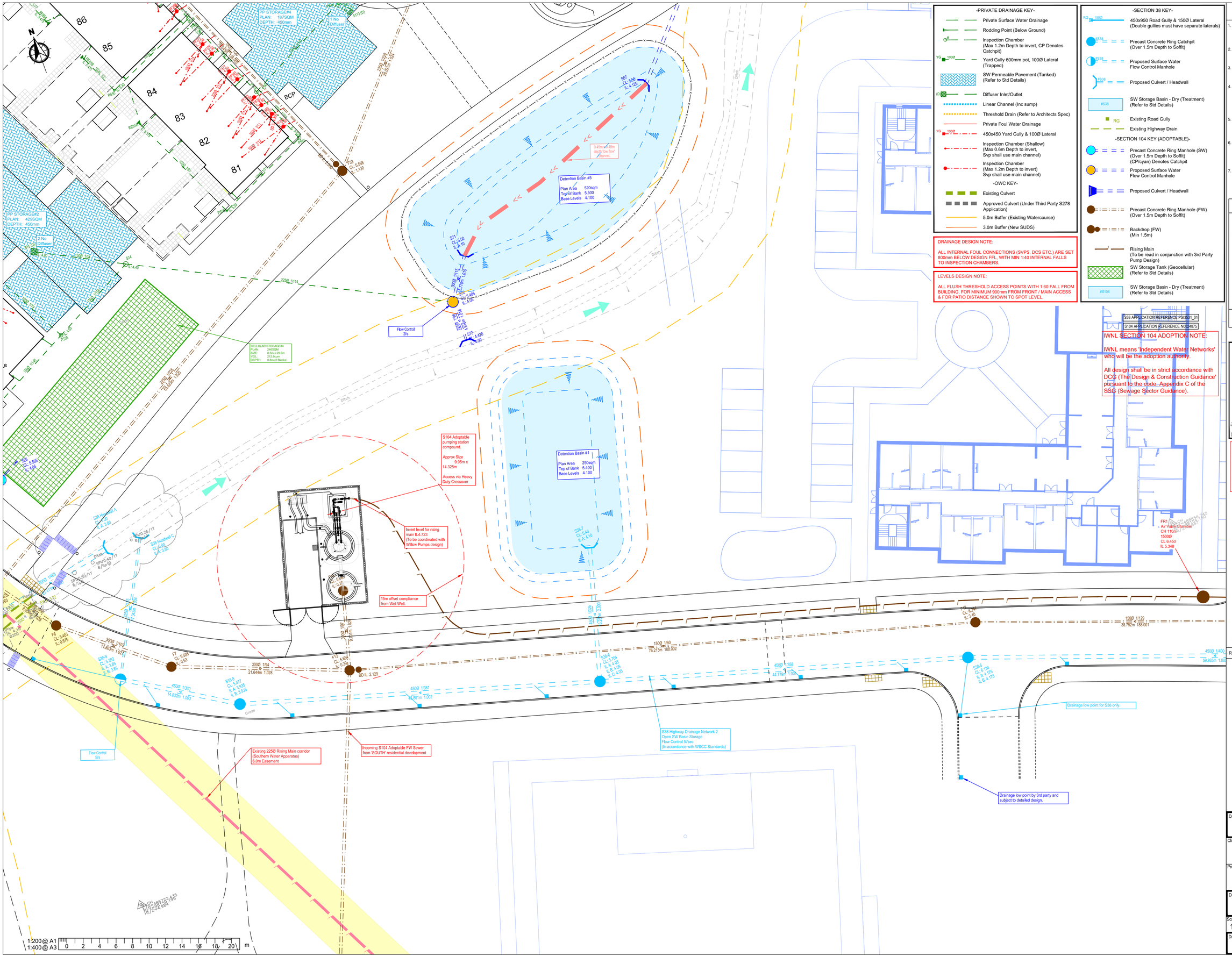

-PRIVATE DRAINAGE KEY-

- Private Surface Water Drainage
- Rodding Point (Below Ground)
- Inspection Chamber (Max 1.2m Depth to invert, CP Denotes Catchpit)
- Yard Gully 600mm pot, 100Ø Lateral (Trapped)
- SW Permeable Pavement (Tanked) (Refer to Std Details)
- Diffuser Inlet/Outlet
- Linear Channel (Inc sump)
- Threshold Drain (Refer to Architects Spec)
- Private Foul Water Drainage
- 450x450 Yard Gully & 100Ø Lateral
- Inspection Chamber (Shallow) (Max 0.6m Depth to invert, Svp shall use main channel)
- Inspection Chamber (Max 1.2m Depth to invert) Svp shall use main channel)

-OWC KEY-

- Existing Culvert
- Approved Culvert (Under Third Party S278 Application)
- 5.0m Buffer (Existing Watercourse)
- 3.0m Buffer (New SUDS)

-SECTION 38 KEY-

- 450x950 Road Gully & 150Ø Lateral (Double gullies must have separate laterals)
- Precast Concrete Ring Catchpit (Over 1.5m Depth to Soffit)
- Proposed Surface Water Flow Control Manhole
- Proposed Culvert / Headwall
- SW Storage Basin - Dry (Treatment) (Refer to Std Details)
- Existing Road Gully
- Existing Highway Drain

-SECTION 104 KEY (ADOPTABLE)-

- Precast Concrete Ring Manhole (SW) (Over 1.5m Depth to Soffit) (CP/cyan) Denotes Catchpit
- Proposed Surface Water Flow Control Manhole
- Proposed Culvert / Headwall
- Precast Concrete Ring Manhole (FW) (Over 1.5m Depth to Soffit)
- Backdrop (FW) (Min 1.5m)
- Rising Main (To be read in conjunction with 3rd Party Pump Design)
- SW Storage Tank (Geocellular) (Refer to Std Details)
- SW Storage Basin - Dry (Treatment) (Refer to Std Details)

DRAINAGE DESIGN NOTE:

ALL INTERNAL FOUL CONNECTIONS (SVPS, DCS ETC.) ARE SET 800mm BELOW DESIGN FFL, WITH MIN 1:40 INTERNAL FALLS TO INSPECTION CHAMBERS.

LEVELS DESIGN NOTE:

ALL FLUSH THRESHOLD ACCESS POINTS WITH 1:60 FALL FROM BUILDING, FOR MINIMUM 900mm FROM FRONT / MAIN ACCESS & FOR PATIO DISTANCE SHOWN TO SPOT LEVEL.

S38 APPLICATION REFERENCE PSI0331_01

S104 APPLICATION REFERENCE N0224875

IWNL SECTION 104 ADOPTION NOTE:

IWNL means 'Independent Water Networks' who will be the adoption authority.

All design shall be in strict accordance with DCG (The Design & Construction Guidance' pursuant to the code, Appendix C of the SSG (Sewage Sector Guidance).

NOTES

A1

1. This drawing is to be read in conjunction with all other BP Civils drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. BP Civils accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
5. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
6. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. BP Civils logos and company information must be removed from copies if information is re-used.
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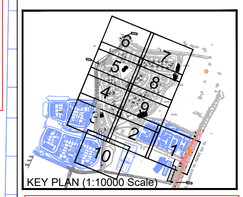
RESIDUAL HAZARDS

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following:

1. Buried services. Contractor to refer to record drawings and use CAT to locate existing services and undertake necessary precautions and investigation prior to excavating.
2. Working in live traffic. Contractor to ensure traffic management is designed, erected and maintained to protect the workforce and the public. Contractor to undertake necessary precautions and ensure suitable traffic management is in place prior to commencement.
3. Working in live sewers. Contractor to ensure operatives are familiar and competent with the dangers of working in live sewers.
4. Excavations close to existing structures. Contractor to prepare method statement to ensure stability of existing structure.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved risk assessment and method statement



FURTHER DETAIL FOR ALL PRIVATE AREAS INCLUDING FRONT PATH LINKS, BOUNDARY TREATMENTS TO FOLLOW.

BUILDINGS DENOTED AS DASHED LINK ARE SUBJECT TO DETAILED DESIGN SIZING AND MAY VARY.

Rev.	Date	Amendments
K	14/10/25	General Update
J	21.08.25	Catchpit & FC clarified, LAP/LEAP update
I	31.07.25	General Update
H	29.01.25	Update to IWNL comments
G	19.12.24	Updated Issue
F	08.10.24	Updated Issue
E	20.09.24	Layout Update
D	23.07.24	Tender Issue
C	17.06.24	Update to WSCC comments
B	14.05.24	1:3 core earthworks added. PS/Riser updated
A	22.04.24	Update for initial S38 submission shts 1-4
-	05.04.24	Original Issue

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Drawing Status: FOR APPROVAL
NOT FOR CONSTRUCTION

Client: Foreman Homes

Project: Summer Lane, Pagham, West Sussex

Drawing Title: Drainage Design Sheet 2 of 10

Scale at A1	Date	Drawn By	Checked By	Project No.
1:200	Apr 24	DJL	MJA	D2240

Drawing No.: 000-BPC-WD-ZZ-D-P-42

Rev.: K