Key:

Private Drainage

- 150Ø, 1:80 S1 — Surface water drain.
- Surface water chamber. (CP denotes catchpit chamber minimum 300mm sump).
- R — Rain water down pipe.
- RE — Rodding eye.
- YG — Yard gully, 100Ø outlet.
- SU — Channel drain and sump/gully unit.
- TD — Threshold drain detail by Architect.
- SA1 — Prefabricated void forming soakaway.
- 150Ø, 1:80 F1 — Foul water drain.
- Foul water chamber.
- DP — Drain point (heads of drain runs to be vented to atmosphere).

Adoptable Drainage

- 150Ø, 1:80 — Foul water sewer. (pipe dia. & gradient)
- F1 — Foul water manhole.

Existing Drainage/Sewers

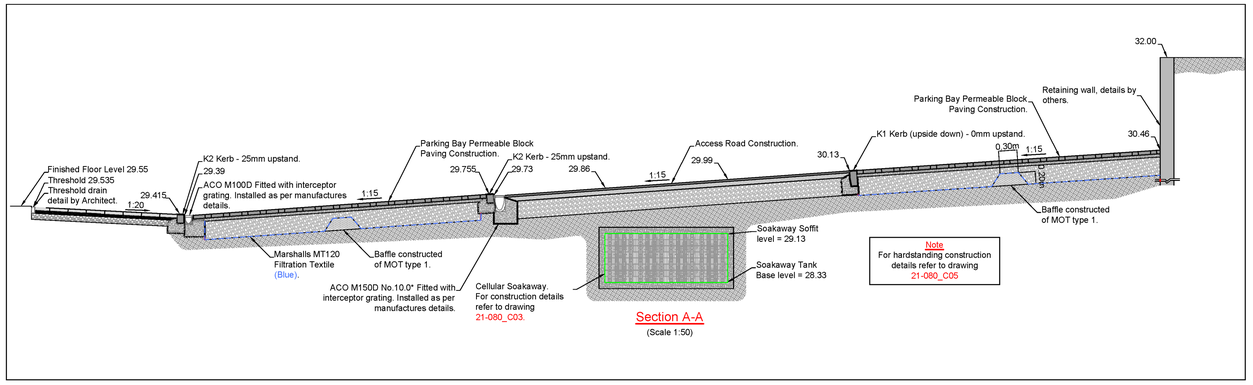
- 150Ø — Surface water drain/sewer to remain.
- 150Ø — Foul water drain/sewer to remain.
- 150Ø — Surface water drain/sewer to be abandoned and filled with pfa cement grout.
- 150Ø — Foul water drain/sewer to be abandoned and filled with pfa cement grout.

General

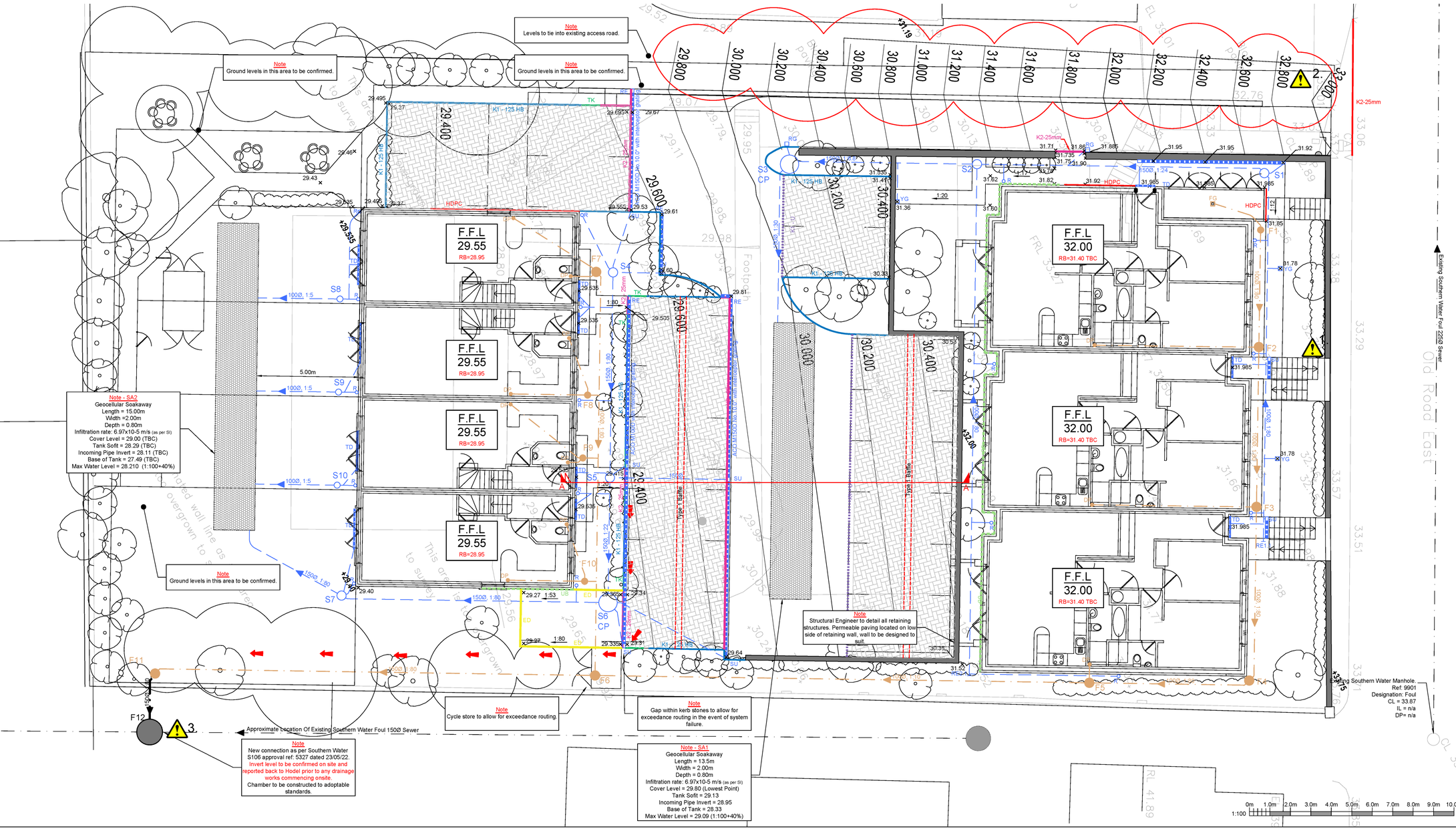
- 29.89 — Existing level.
- × (50.00) — Existing level interpolated.
- × 50.00 — Proposed level.
- 1:50 — Proposed fall.
- K1 - 125 HB — K1 Kerb Half Battered (125mm kerb face)
- K1 - U — K1 Kerb Laid upside down (flush kerb)
- K2 - 25mm — K2 (25mm kerb face)
- TK — TK Transition Kerb.
- ED — Edging.
- Retaining structure details by structural Engineer.
- Permeable paving.
- Exceedance Routing.
- HDPC — High level DPC (details by Architect).
- UB — Under Build (details by Architect).

Note
Foul and surface water drain points to be confirmed by Architect.

Note
Soakaway sizes to be confirmed once full BRE365 soakage testing has been undertaken on site.



Section A-A
(Scale 1:50)



NOTES

1. Do not scale this drawing.
2. This drawing is to be read in conjunction with all other relevant Engineer's and Architect's drawings and specifications.

RISK ASSESSMENT

Residual Risks Identified

1. Existing Highway Wall.
2. Existing live access way.
3. Invert level of existing Foul sewer to be confirmed to Hodel prior to any drainage works commencing onsite.

Contractor's General Risk Items

(List is not exhaustive but includes commonly raised issues)

1. Location of all buried services.
2. Existing drainage:
 i) Gases, confined spaces, diseases.
 ii) Maintain flow in drains during works.
3. Manual lifting of heavy objects; manhole covers, drainage pipes, concrete rings, kerbs,etc.
4. Excavation for drainage trenches and manholes.
5. Security:
 Keep site secure from members of the public.
 maintain public safety when accessing site.

Rev	Date	By	Chkd.	Revision notes
E	21/03/23			Drawing updated to suit latest site plan.
D	09/03/23			Drawing issued for construction.
C	13/01/23			Drawing updated to suit new site layout.
B	30/06/22			Drawing updated to suit new site layout.
A	11/05/22			Drawing updated to incorporate areas of permeable paving.
-	25/11/21			Issued for approval.

Job Title
Milton Mount Hall
Old Road East
Gravesend
DA12 1NQ

Drawing Title
Engineering Layout

Client
Wakes LTD

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Scale at A1:	Status:	
1:100	CONSTRUCTION	
Drawn: [redacted]	Checked:	Approved:
Date: Nov '21	Date: Nov '21	Date: Mar'23

Drawing No.: 21-080_C01
Revision: E