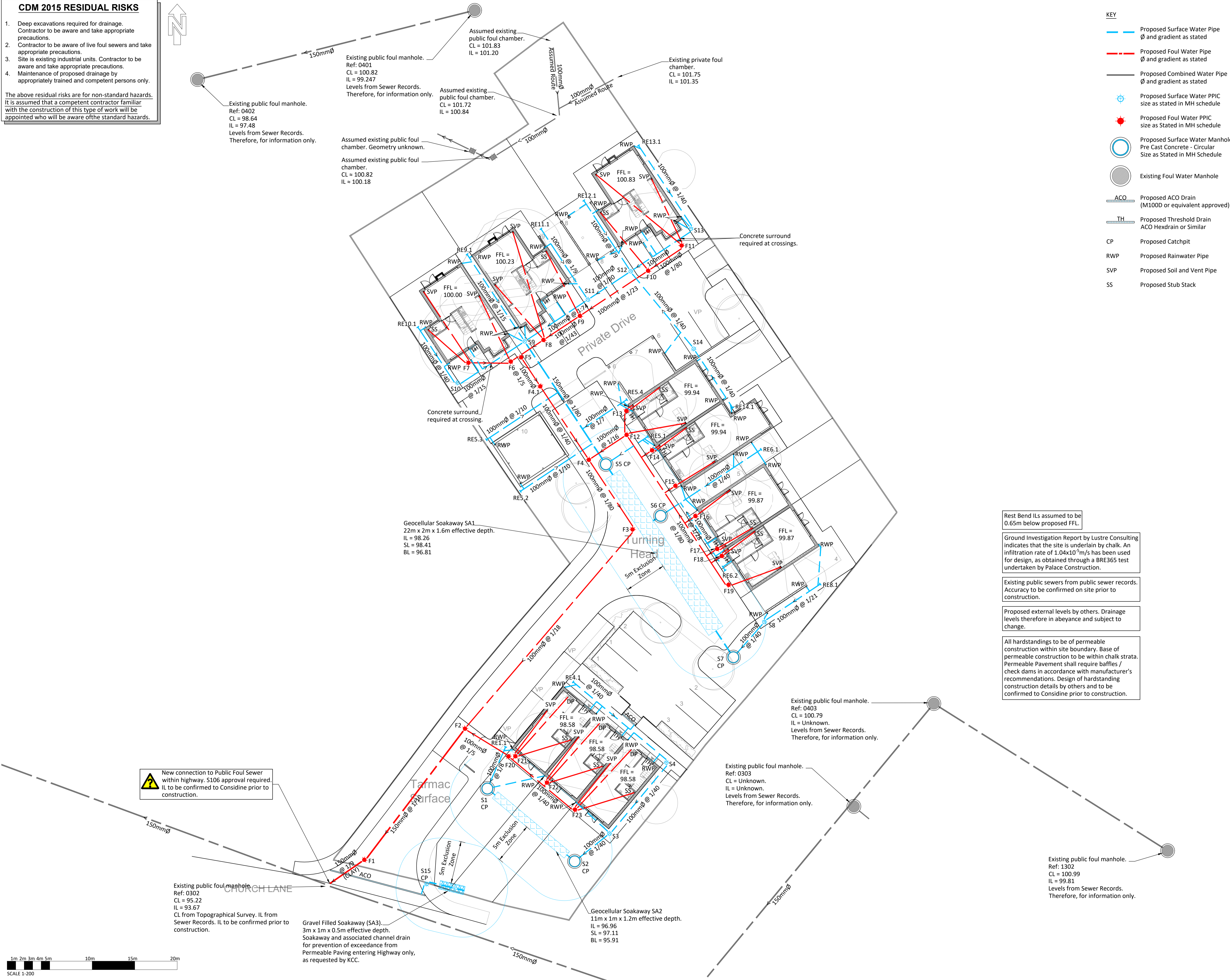


CDM 2015 RESIDUAL RISKS

1. Deep excavations required for drainage. Contractor to be aware and take appropriate precautions.
2. Contractor to be aware of live foul sewers and take appropriate precautions.
3. Site is existing industrial units. Contractor to be aware and take appropriate precautions.
4. Maintenance of proposed drainage by appropriately trained and competent persons only.

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.



- KEY**
- Proposed Surface Water Pipe Ø and gradient as stated
 - Proposed Foul Water Pipe Ø and gradient as stated
 - Proposed Combined Water Pipe Ø and gradient as stated
 - Proposed Surface Water PPIC size as stated in MH schedule
 - Proposed Foul Water PPIC size as stated in MH schedule
 - Proposed Surface Water Manhole Pre Cast Concrete - Circular Size as Stated in MH Schedule
 - Existing Foul Water Manhole
 - Proposed ACO Drain (M100D or equivalent approved).
 - Proposed Threshold Drain ACO Hexdrain or Similar
 - Proposed Catchpit
 - Proposed Rainwater Pipe
 - Proposed Soil and Vent Pipe
 - Proposed Stub Stack

DO NOT SCALE THIS DRAWING. ALL SETTING OUT TO ARCHITECTS DETAILS AND DRAWINGS

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING ISSUES AND THE SPECIFICATION.

- Notes:**
- G1. All building materials, components and workmanship to comply with the appropriate public health acts, building regulations, british standards and codes of practice and the appropriate manufacturers recommendations.
 - G2. For all specialist work see relevant drawings.
 - G3. Any discrepancies, errors or omissions to be reported to the project co-ordinator for further instructions before commencement of works.
 - G4. The Engineer is not responsible for dimensions, except where shown on his drawings. All setting out information, dimensions, etc, shall be calculated from the Architects drawings.
 - G5. All private drainage shall comply with the requirements of the Building Regulations approved Document H.
 - G6. All drainage forming part of, &/or final connection to a public sewer shall comply with the requirements of Sewers for Adoption 7th Edition.
 - G7. Cover levels are shown indicative only and are subject to final adjustment on site.
 - G8. All FW pipes to be 100mm diameter unless noted otherwise.
 - G9. All SW pipes to be 100mm diameter unless noted otherwise.
 - G10. Minimum depth to invert of foul branch pipes to SVP/SS below finished floor level to be:
450mm 0 - 3 storey's
750mm 4 - 5 storey's
 - G11. Gradient of under floor branch pipes to be 1:40 and no flatter than 1:80 (minimum of 1 WC connected).
 - G12. All RWP, SVP and SS positions are subject to confirmation from the architect.

Rest Bend ILS assumed to be 0.65m below proposed FFL.

Ground Investigation Report by Lustre Consulting indicates that the site is underlain by chalk. An infiltration rate of 1.04x10⁻⁷m/s has been used for design, as obtained through a BRE365 test undertaken by Palace Construction.

Existing public sewers from public sewer records. Accuracy to be confirmed on site prior to construction.

Proposed external levels by others. Drainage levels therefore in abeyance and subject to change.

All hardstandings to be of permeable construction within site boundary. Base of permeable construction to be within chalk strata. Permeable Pavement shall require baffles / check dams in accordance with manufacturer's recommendations. Design of hardstanding construction details by others and to be confirmed to Considine prior to construction.

PO1	Preliminary Issue.	JEM	RSC	08.10.19
Rev	Amendment		Drn	Chk

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Client:
PALACE CONSTRUCTION

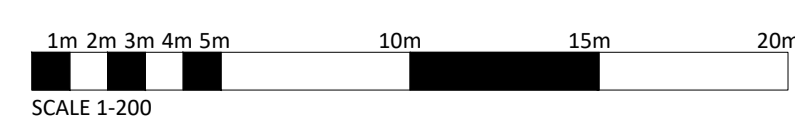
Project:
**EAGLE WORKS
CHURCH LANE, BARHAM
CT4 6QT**

Drawing Title:
DRAINAGE LAYOUT

considine ref	drawn by	date	drawing scales	original paper size
3213	JEM	OCT 19	1:200@A1	A1

drawing reference	originator	volume	level	type	role	number
3213-CON-00-XX-DR-C-1510						

status:	FOR APPROVAL
SO	revision status:
PO1	PRELIMINARY



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