

CDM 2015 RESIDUAL RISKS

1. The Contractor is to locate, protect and divert as necessary all existing services on site prior to commencing work.
2. All areas of excavation are to be scanned and marked for existing services prior to any excavation.
3. Be aware of possible live drainage flows and foul effluent during construction. The Contractor shall assess and implement a safe working system and equipment (PPE) as necessary.
4. When working with live drainage there is an increased risk from waterborne diseases such as leptospirosis and wels disease.
5. Site is in proximity to Network Rail land, Railway embankment and Railway.
6. UXO risk (Unexploded Ordinance). Contractor to undertake all reasonable precaution to mitigate the risk of unexploded ordnance on site, in accordance with recommendations in site investigation report.

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 Surface Water Perforated
Pipe Ø and gradient as stated
- Proposed Surface Water Rising Main
- Proposed Foul Water Rising Main
- 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
- Proposed Foul Water Pumping Station
- Proposed Surface Water Pumping Station
- CP Proposed Catchpit
- RE Proposed Rodding Eye
- FG Proposed Trapped and Primed Foul Yard Gully
- Proposed Attenuation Tank

Landscaped areas designed as grass only. Maximum of 300mm Topsoil for landscaping substrate.

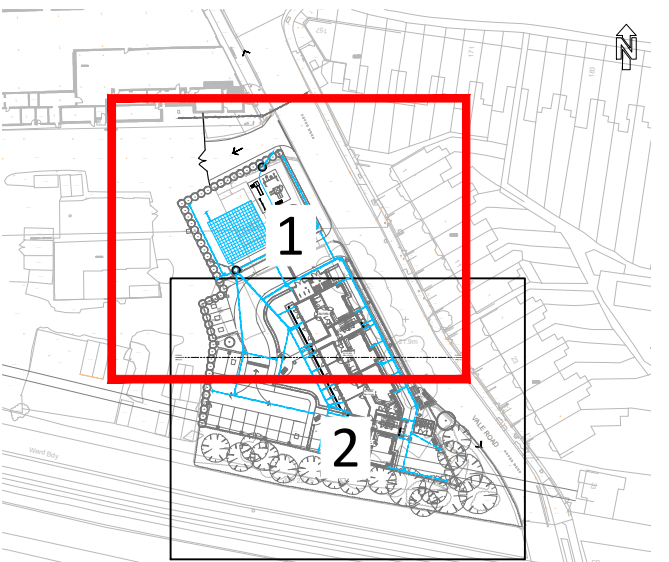
Section 106 application required to provide new connections onto existing public sewers.

ATTENUATION CRATES (ATT1)
MAX CL: 23.103
MIN CL: 22.742
TANK SOFFIT: 22.251
PIPE INVERT: 20.651
TANK BASE: 20.651
EFFECTIVE DIMS:
10m x 9.5m x 1.6m (D)

DO NOT SCALE THIS DRAWING. ALL SETTING OUT TO ARCHITECT'S 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 manufacturer's 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 Architect's drawings.



KEY PLAN

P03	Surface Water design added	MJF	JEM	02.11.21
P02	PRELIMINARY ISSUE	MJF	JEM	04.02.21
P01	DRAFT ISSUE	AM	MIF	04.12.20
Rev	Amendment	Drn	Chk	Date

considine
civil + structural engineers
25 Hollingworth Court, Turkey Mill
Ashford Road, Maidstone, Kent ME14 5PP
t: 01622 919918 e: info@considine.co.uk
www.considine.co.uk

Client:
BRT PROPERTIES KENT LTD

Project:
2 VALE ROAD, NORTHFLEET
GRAVESEND
KENT, DA11 8BZ

Drawing Title:
DRAINAGE LAYOUT
SHEET 1 OF 2

considine ref	drawn by	date	drawing scales	original paper size
3474	AM	DEC' 20	1:100@A1, 1:200@A3	A1

drawing reference:	originator	volume	level	type	role	number
project						
3474- CON - 00 - XX - DR - C - 1510						

status:	SUITABLE FOR INFORMATION
revision:	revision status:
P03	PRELIMINARY

This document is © Considine Limited