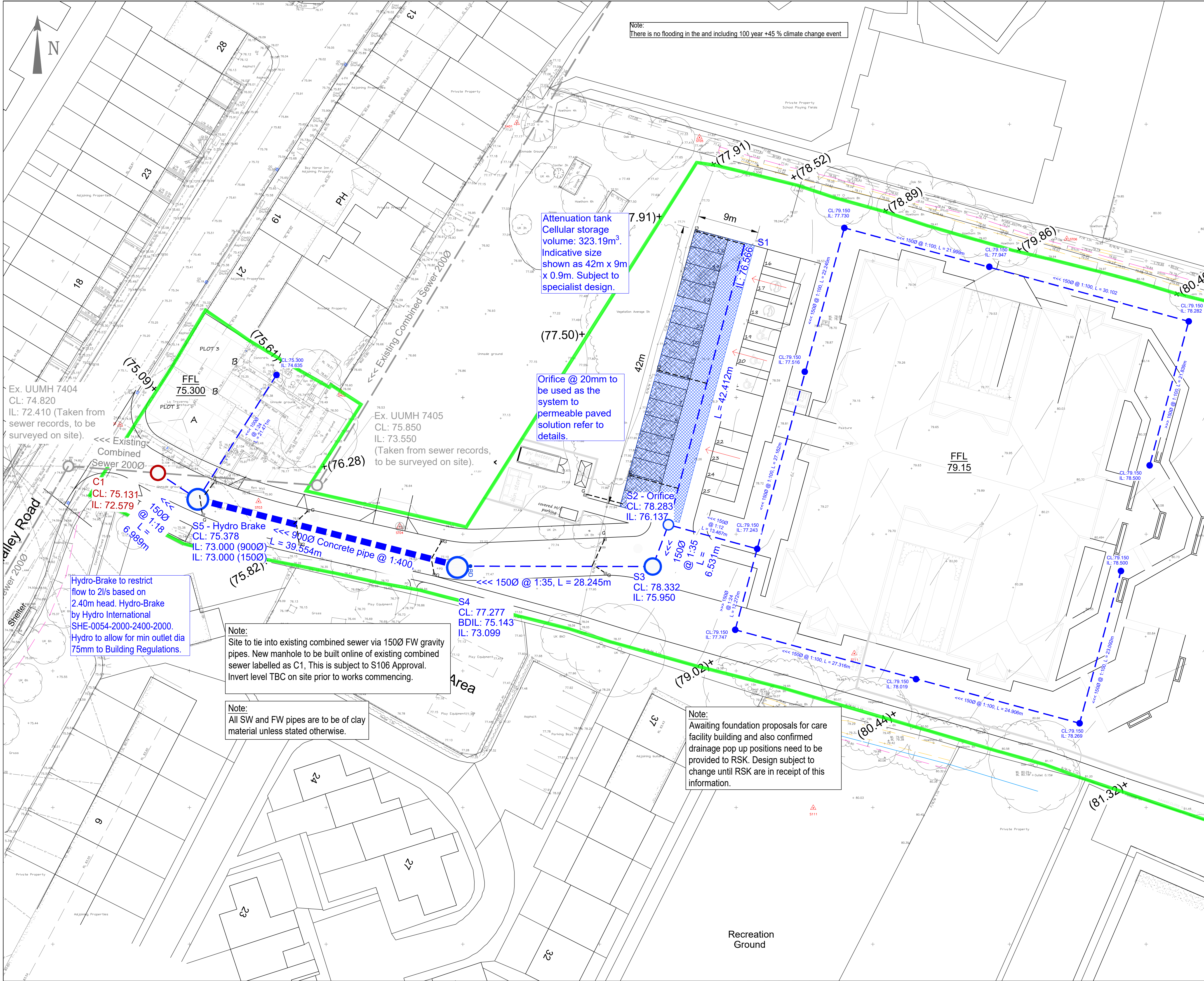




Note:
There is no flooding in the and including 100 year +45 % climate change event

Attenuation tank
Cellular storage
volume: 323.19m³.
Indicative size
shown as 42m x 9m
x 0.9m. Subject to
specialist design.

Orifice @ 20mm to
be used as the
system to
permeable paved
solution refer to
details.

Hydro-Brake to restrict
flow to 2l/s based on
2.40m head. Hydro-Brake
by Hydro International
SHE-0054-2000-2400-2000.
Hydro to allow for min outlet dia
75mm to Building Regulations.

Note:
Site to tie into existing combined sewer via 150Ø FW gravity
pipes. New manhole to be built online of existing combined
sewer labelled as C1. This is subject to S106 Approval.
Invert level TBC on site prior to works commencing.

Note:
All SW and FW pipes are to be of clay
material unless stated otherwise.

Note:
Awaiting foundation proposals for care
facility building and also confirmed
drainage pop up positions need to be
provided to RSK. Design subject to
change until RSK are in receipt of this
information.

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

- This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings.
- All levels quoted are in metres A.O.D.
- The drainage and storage design assumes the catchments as shown these may be subject to change.
- For complete drainage layout see drawing 10-01.

Legend

Proposed Surface Water drain and manhole

Flood volume and direction for 100year + 45%cc event

Development Boundary

Note:
Drawing to be read in conjunction with micro-drainage simulations

P1	01.06.23	First Issue		MH	MS
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

RSK

LAND & DEVELOPMENT ENGINEERING LTD

Spring Lodge
172 Chester Road
Helsby
Cheshire, WA6 0AR
United Kingdom

Tel: +44 (0) 1928 726006
Fax: +44 (0) 1928 725633
Email: ldes@rsk.co.uk
Web: www.rsk.co.uk

Client

LNT Construction

Project Title

Whalley Road
Barrow

Status

INFORMATION

Drawing Title

Flood Routing Plan

Drawn

Date

Checked

Date

Approved

Date

MH

May 23

MS

May 23

Scale

Orig Size

Dimensions

1:250

A1

Project No.

882667

Drawing File

Drawing No.

10-09

Rev.

P1