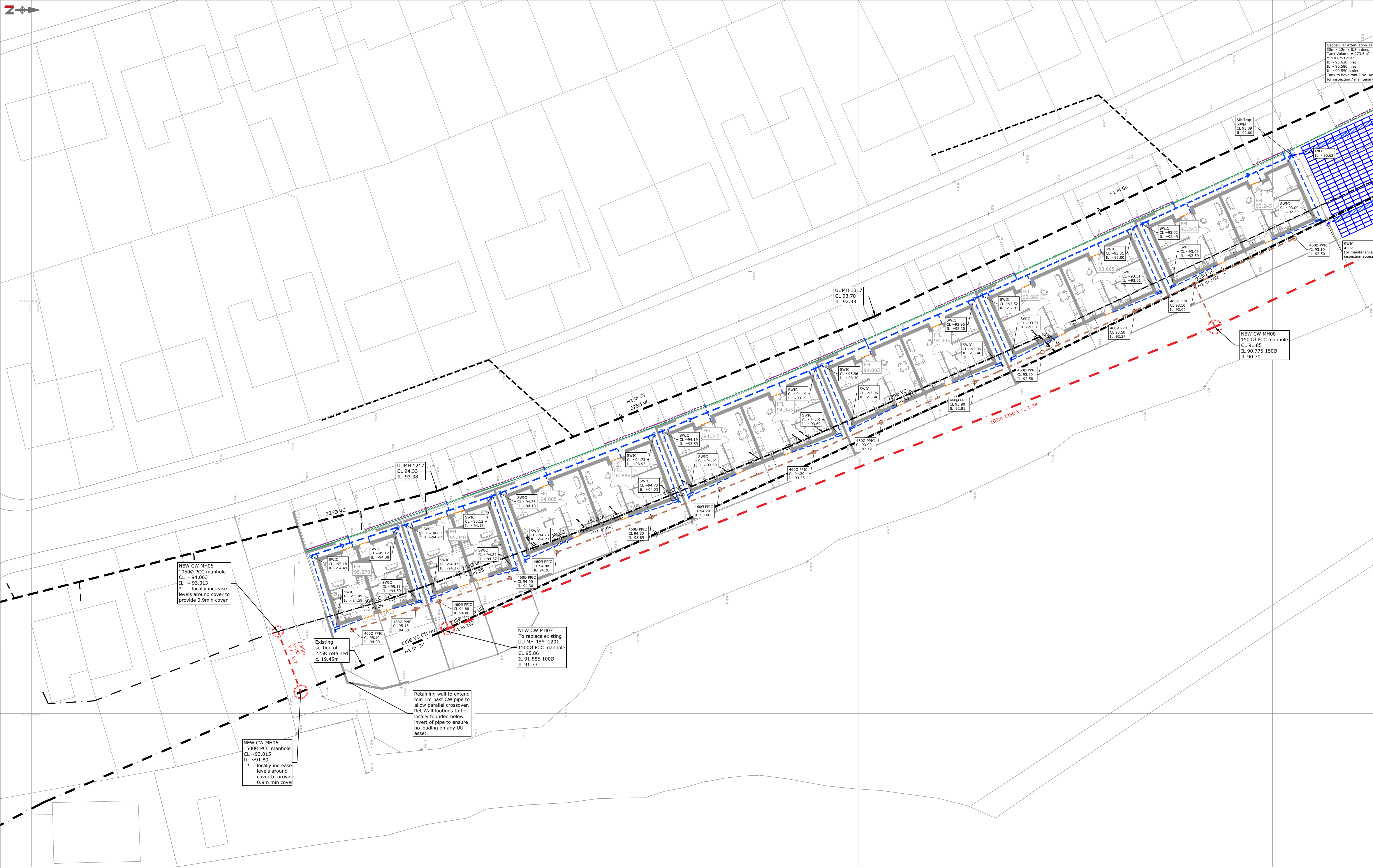




Geocellular Attenuation Tank
30m x 12m x 0.8m deep
Tank Volume = 273.6m³
Min 0.6m Cover
IL ~ 90.620 inlet
IL ~ 90.580 inlet
IL ~ 90.550 outlet
Tank to have min 2 No. Access
for inspection / maintenance

NEW CW MH05
10500 PCC manhole
CL ~ 94.063
IL ~ 93.013
* locally increase
levels around cover to
provide 0.9m cover

Existing
section of
2250 retained
c. 19.45m

NEW CW MH07
To replace existing
UU MH REF: 1201
15000 PCC manhole
CL 95.86
IL 91.885 1000
IL 91.73

Retaining wall to extend
min 1m past CW pipe to
allow parallel crossover.
Ret Wall footings to be
locally founded below
invert of pipe to ensure
no loading on any UU
asset.

NEW CW MH06
15000 PCC manhole
CL ~ 93.015
IL ~ 91.89
* locally increase
levels around
cover to provide
0.9m min cover

B	Drainage updated	28/02/23	CA	TM	TM
A	Attenuation tanks increased in size to account for 50% climate change	08/11/22	TM	TM	TM
Rev	Description	Date	Revised by	Checked by	Approved

Issue Purpose:

PLANNING

Do not scale from this drawing

PROPOSED PRIVATE DRAINAGE KEY (Indicative only - subject to change)	
	PROPOSED PRIVATE SURFACE WATER SEWER 1500/1000 u.n.o.
	PROPOSED PRIVATE FOUL WATER SEWER 1000 u.n.o.
	PROPOSED THRESHOLD DRAINS TO ARCHITECT'S SPECIFICATION
	PROPOSED DRIVEWAY LINEAR CHANNEL DRAINS (See Detail)
	PROPOSED DRIVEWAY PERFORATED PIPE CONVEYANCE DRAINAGE (See Detail)
	4600 POLYPROPYLENE INSPECTION CHAMBERS u.n.o.

DRAINAGE KEY - SEWER DIVERSIONS & ABANDONMENTS	
	EXISTING PUBLIC COMBINED SEWER
	PROPOSED DIVERSION OF EXISTING PUBLIC COMBINED SEWER
	PROPOSED ABANDONMENT OF EXISTING PUBLIC COMBINED SEWER
	EXISTING PUBLIC SURFACE WATER SEWER
	PROPOSED DIVERSION OF EXISTING PUBLIC SURFACE WATER SEWER
	PROPOSED ABANDONMENT OF EXISTING PUBLIC SURFACE WATER SEWER
	PROPOSED HIGHWAYS DRAINAGE DIVERSION

R G PARKINS

Kendal | 01539 729393 Lancaster | 01524 32548

Client: Thomas Armstrong Ltd
Project: Windermere Rd & Fell View Ave
Drawing Title: Proposed Drainage 3 of 4

Scale @ A1:

1:200

Drawn by: CA

Project No: K39225

BIM No:

First Issue: 02/08/22

Checked by: TM

Drawing No: 107

Rev: B

Office of Origin: Kendal

Approved: TM

Rev: B