



- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION, INC. RISK ASSESSMENTS AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
  - DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
  - ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES UNLESS OTHERWISE STATED.
  - ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
  - NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
  - ANY WORKS OUTSIDE RED SITE BOUNDARY ARE FOR INFORMATION PURPOSES ONLY. UNLESS SPECIFICALLY NOTED, ALL WORKS OUTSIDE THE SITE BOUNDARY WILL BE UNDERTAKEN BY OTHERS UNDER A SEPARATE CONTRACT.

**INFORMATION SUMMARY**

INFORMATION TYPE	SOURCE	REFERENCE	REVISION & DATE
SITE LAYOUT	PEGASUS	P24-2204-DE-003-A-01	18/02/25 Rev. -
TOPOGRAPHICAL SURVEY	ANTHONY BROOKS SURVEYS LTD	B452/13367/1 B	Oct 24 Rev. -

- KEY**
- SITE BOUNDARY
  - PROPOSED SURFACE WATER SEWER
  - PROPOSED FOUL WATER SEWER
  - PROPOSED FOUL WATER RISING MAIN
  - EXISTING SURFACE WATER SEWER & MANHOLE
  - EXISTING FOUL WATER SEWER & MANHOLE
  - PCC HEADWALL
  - PROPOSED DETENTION BASIN
  - PROPOSED RETENTION BASIN



CARE HOME

END OF LINE RETENTION (WET) BASIN  
IMPERMEABLE AREA CONNECTED = 3.16ha  
ALLOWABLE DISCHARGE RATE = 18.60/s  
ATTENUATION VOLUME AT DESIGN WATER LEVEL = 2.286m³

END OF LINE DETENTION (DRY) BASIN  
IMPERMEABLE AREA CONNECTED = 0.26ha  
ALLOWABLE DISCHARGE RATE = 11.70/s  
ATTENUATION VOLUME AT DESIGN WATER LEVEL = 1.094m³

FLOW CONTROL FORM = HYDRO-BRAKE  
DISCHARGE RATE = 11.70/s

FLOW CONTROL FORM = HYDRO-BRAKE  
DISCHARGE RATE = 18.60/s

ISSUED FOR PLANNING	TP	NC	DM	25.03.25	
Rev	Description	Drn	Chk	App	Date

Purpose:	PRELIMINARY	Status:	NOT YET APPROVED
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Client  
**BURLINGTON GROUP**

Project Title:  
**CARPENDERS PARK, WATFORD WD19**

Drawing Title:  
**DRAINAGE STRATEGY (SHEET 2)**

Drawn by	Checked by	Approved by	Revision
TP	NC	DM	-
A1 Scale	Date		
1:500	12.03.25		

Drawing Number  
**2403160-ACE-XX-XX-DR-C-0602**