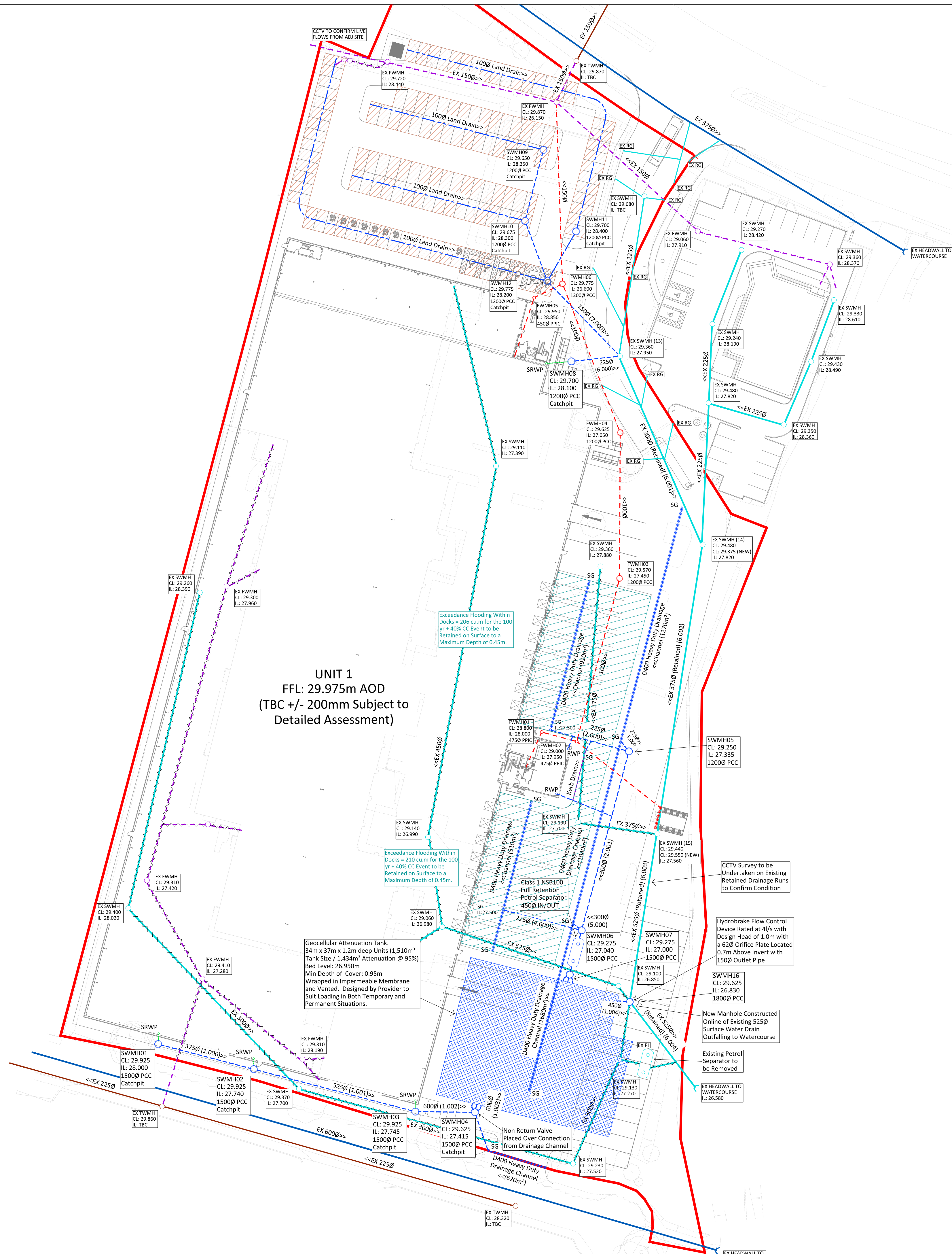
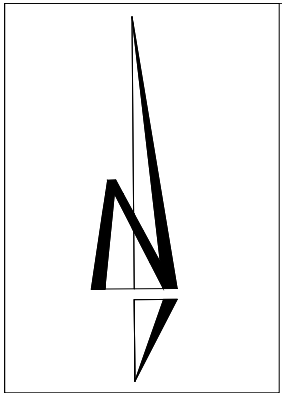




## Hydraulic Calculations Summary

|                                                       | 1 year  | 30 year  | 100 year |
|-------------------------------------------------------|---------|----------|----------|
| Greenfield Runoff Rates                               | 4.0 l/s | 10.6 l/s | 15 l/s   |
| Existing Brownfield Runoff Rates                      | 238 l/s | 516 l/s  | 755 l/s  |
| BGL Designed Flow Rates                               | 3.9 l/s | 8.1 l/s  | 14.9 l/s |
| Percentage Reduction in Post Development Runoff Rates | 98%     | 98%      | 98%      |

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**SAFETY, HEALTH AND ENVIRONMENTAL  
INFORMATION**

ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

## CONSTRUCTION

## MAINTENANCE

## DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

GENERAL NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL THE RELEVANT ARCHITECTS, ENGINEERS' AND SERVICE ENGINEERS DRAWINGS & SPECIFICATIONS.

**KEY:**

- |                                                                                     |                                                  |
|-------------------------------------------------------------------------------------|--------------------------------------------------|
|  | Existing TW Foul Water Sewer                     |
|  | Existing Foul Water Drainage                     |
|  | Existing TW Surface Water Sewer                  |
|  | Existing Surface Water Drainage                  |
|  | Existing Drainage to be Abandoned                |
|  | Surface Water Drainage Pipe                      |
|  | Surface Water Drainage Manhole                   |
|  | Surface Water Drainage Channel                   |
|  | Foul Water Drainage Pipe                         |
|  | Foul Water Drainage Manhole                      |
|  | Filter / Land Drainage Pipe                      |
|  | Syphonic Drainage Pipe                           |
|  | Permeable Paving                                 |
|  | Exceedance Flooding for the 100yr + 40% CC Event |
|  | Planning Boundary                                |

Note not all Existing Drainage  
is Shown on this Drawing.  
Refer to GPR and Other  
Surveys for the Full Extent.

|    |          |    |                       |       |
|----|----------|----|-----------------------|-------|
| 02 | 05.05.22 | PG | Site Boundary Amended | RM    |
| 01 | 11.01.22 | PG | Preliminary Issue     | RM    |
| V. | DATE     | BY | REVISION              | CHK'D |

CLIENT  
OXW Hayes S.a.r.l



# PROJECT

## Bridgewater Retail Park

### Hayes

DRAWING TITLE

# Drainage Strategy Plan

AWING STATUS  
PRELIMINARY

|                    |                  |
|--------------------|------------------|
| SALE @ A1<br>1:500 | DATE<br>11.01.22 |
|--------------------|------------------|

|                           |      |
|---------------------------|------|
| DRAWING No.               | REV. |
| 21093-BGL-XX-XX-DR-C-0250 | P02  |

