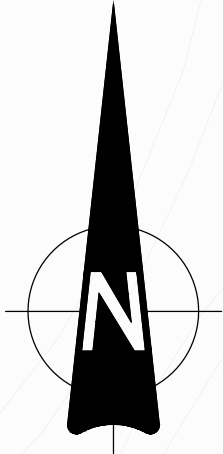


TOTAL EFFECTIVE SURFACE WATER CATCHMENT AREA = 16,070m²
DCC ALLOWABLE DISCHARGE RATE = 2 L/S/HA
SUBJECT SITE DISCHARGE RATE = 3,20 L/S



CATCHMENT B OUTFALL INTO
EXISTING 450mm DIA. NETWORK

CATCHMENT A OUTFALL INTO
EXISTING 225mm DIA. NETWORK

CATCHMENT B
AREA: 13,430m²
83.5% OF SITE AREA
(2.7 L/S DISCHARGE RATE)

CATCHMENT A
AREA: 2,640m²
16.5% OF SITE AREA
(0.50 L/S DISCHARGE RATE)

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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- NOTES:
1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS. THE CODE OF PRACTICE AND STANDARD DETAILS ARE AVAILABLE TO DOWNLOAD FROM THE IRISH WATER WEB SITE AT WWW.WATER.IE/CONNECTIONS/DEVELOPER-SERVICES/ WHERE THE DETAILS CONTAINED ON THIS DRAWING DIFFER FROM THE IRISH WATER CODE OF PRACTICE OR STANDARD DETAILS THIS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. IRISH WATER STANDARDS WILL TAKE PRECEDENCE.
 3. THE LOCATION AND LEVEL OF EXISTING SERVICES AT CONNECTION POINTS ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS. ANY DISCREPANCY WITH GIVEN SURVEY LEVELS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 4. IN AREAS WHERE EXISTING SERVICES ARE PRESENT, THE EXISTING SERVICES ARE TO BE CHECKED BY THE CONTRACTOR TO ENSURE THAT ALL RELEVANT EXISTING SERVICES ARE IDENTIFIED AND SHOWN ON DRAWINGS.
 5. ANY UNSUITABLE MATERIAL EXPOSED DURING EXCAVATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 6. SURFACE WATER DRAINAGE WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH DCC REQUIREMENTS FOR TAKING IN CHARGE AND THE GENERAL DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS.
 7. ALL TRENCHES WHERE THERE IS EXPOSED ROCK ARE TO BE LINED WITH LIQUID BITUMEN SPRAY IMMEDIATELY AFTER EXPOSURE.
 8. SEWERS ARE TO BE CONSTRUCTED WITH CONCRETE SURROUND IN ACCORDANCE WITH IRISH WATER STD-MW-08 WHERE THE VERTICAL CLEARANCE FORM THE SURFACE WATER IS LESS THAN 300mm AND WHERE DRAINAGE LINES HAVE A DEPTH OF COVER LESS THAN 1.2m WITHIN ROADWAYS.
 9. ALL GRAVITY SEWER PIPE MATERIALS SHALL COMPLY WITH SECTION 3.13 OF THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.
 10. DCC DO NOT ACCEPT PLASTIC PIPES AND PRECAST MANHOLES IN AREAS INTENDED TO BE T/C.

P02	18/09/26	ISSUED FOR PLANNING	IG	IW	
P01	14/09/26	ISSUED FOR PLANNING	IG	IW	
Rev	Date	Description	By	Chk	
Amendments					
Project					
CHERRY ORCHARD POINT PHASE 3					
Title					
PROPOSED SURFACE WATER CATCHMENTS					
Client					
LAND DEVELOPMENT AGENCY					
Status					
PLANNING					
Designed By	PI	Approved	IW	Waterman Ref	22-010
Drawn By	IG	Date	SEPT. 2026	Scales @ A1	1:250
Project - Originator - Volume - Level - Type - Role - Number					Revision
COP-WMC-PH3-00- DR- C - P0204					P02



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