



© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

- GENERAL NOTES:
1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
  2. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
  3. ALL LEVELS ARE IN METERS AND ARE RELATED TO ORDINANCE DATUM. CO-ORDINATES RELATE TO ITM (IRISH TRANSVERSE MERCATOR).
  4. CONTRACTOR SHALL SATISFY THEMSELVES AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
  5. ALL WASTEWATER INFRASTRUCTURE INCLUDING FOUL SEWERS, CONNECTIONS AND MANHOLES TO SAME SHALL COMPLY WITH AND BE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CONNECTION AND DEVELOPER SERVICES WASTEWATER INFRASTRUCTURE STANDARD DETAILS DOCUMENT IW-CDS-5030-01.
  6. FOUL SEWERS PIPE MATERIAL TO BE IN ACCORDANCE WITH SECTION 3.15 OF THE IRISH WATER CODE OF PRACTICE.
  7. SURFACE WATER SEWER PIPE MATERIAL TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
  8. LOCATION AND INVERT LEVELS OF EXISTING MANHOLES AND OUTFALL POINTS, TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
  9. ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/ CYCLETRACK LEVELS UNLESS OTHERWISE STATED.
  10. ALL SURFACE WATER DRAINAGE WORKS/CONNECTIONS TO COMPLY WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
  11. CONTRACTOR TO INCLUDE FOR CCTV SURVEY OF ALL FOUL & SURFACE WATER SEWERS/ DRAINAGE UPON COMPLETION OF SAME.
  12. MANHOLE COVERS IN LANDSCAPED AREAS TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, BEDDED IN CLAUSE 8/4 MATERIAL.

- LEGEND:
- SITE BOUNDARY
  - GREEN ROOF
  - GREEN/ BLUE PODIUM
  - PERMEABLE PAVING (PUBLIC PARKING)
  - CATCHMENT AREA FOR QBAR CALCULATIONS
  - EXISTING ROAD DRAINING TO EXISTING NETWORK
  - PROPOSED SURFACE WATER SEWER AND MANHOLE
  - SURFACE WATER DIVERSION
  - PROPOSED SWALE
  - DETENTION BASIN
  - OVERLAND FLOW ROUTE

TOTAL AREA: 1.1ha  
TOTAL DRAINED AREA: 0.672ha  
PERCENTAGE IMPERMEABLE: 61%

ATTENUATION FACILITY PROVIDING 493m³ OF STORAGE

1050mm DIAMETER EXISTING SURFACE WATER SEWER TO PROVIDE AN OUTFALL FOR THE SUBJECT SITE

1	15-05-2026	STAGE 3 LRD SUBMISSION	PV	NGC
0	13-02-2026	STAGE 2 LRD SUBMISSION	GK	NGC
rev	date	description	by	chkd.

STATUS CODES

purpose P3 - PLANNING PERMISSION acceptance S - ISSUED

**DBFL**  
CONSULTING ENGINEERS

T: +353 1 400 4000 | E: info@dbfl.ie | W: www.dbfl.ie

DUBLIN | CORK | GALWAY | WATERFORD

project ref.  
**SITE AT WHITESTOWN WAY - TALLAGHT**

drawing title  
**SURFACE WATER DRAINAGE STRATEGY**

client  
**ARP 4.2 SUSTAINABLE COMMUNITIES (IRELAND) FUND**

designed by	author	scale	sheet size
NGC	GK	1:500	A1
drawing no.	revision		
240192-X-05-Z00-XXX-DR-DBFL-CE-1350	1		

ORDNANCE SURVEY IRELAND LICENCE  
No CYAL50276885  
© ORDNANCE SURVEY IRELAND  
GOVERNMENT OF IRELAND