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- GENERAL NOTES:
1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
 2. THE CONTRACTOR SHALL SATISFY THEMSELVES AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS AND LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
 3. ALL DIMENSIONS AND LEVELS ARE IN METERS AND ARE RELATED TO ORDINANCE DATUM. CO-ORDINATES RELATE TO IRISH TRANSVERSE MERCATOR.
 4. ALL WATERMANS VALVES AND FITTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
 5. ALL WATERMANS SHALL BE HDPE, PE100, SDR17 TO IS EN 12201 PART 2 2011 AND IS EN 12201-3:2011.
 6. CONNECTION BETWEEN EXISTING AND PROPOSED WATERMANS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-03 TO STD-W-10.
 7. ANCHOR BLOCKS TO BE POSITIONED AT DEAD ENDS, TEES, BENDS AND AT EACH SIDE OF HYDRANTS AND VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER STANDARD DETAIL STD-W-28 (WATER MAIN THRUST) AND SUPPORT BLOCKS DISMANTLING JOINTS TO BE INSTALLED AT EACH SLUICE VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-15.
 8. CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER STD-W-03.
 9. INSTALLATION OF SLUICE VALVES, AIR VALVES AND HYDRANTS SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-14 TO STD-W-23.
 10. MARKER POSTS AND PLATES ARE TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-27.
 11. CONNECTION TO EXISTING WATERMANS TO BE COORDINATED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
 12. CONTRACTOR TO LIAISE WITH IRISH WATER AND /OR THE LOCAL AUTHORITY AS REQUIRED REGARDING TESTING, CLEANSING AND STERILISATION OF WATERMANS.
 13. WATERMANS TO BE PRESSURE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER AND IGN 4-01-03, GUIDE TO TESTING OF PRESSURE PIPES AND FITTINGS FOR USE BY PUBLIC WATER SUPPLIERS, OCTOBER 2015. A FORMAL TEST REPORT SHALL BE SUBMITTED TO THE ENGINEER DETAILING THE TEST CARRIED OUT.
 14. ALL AIR VALVES AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER.
 15. ALL WATERMANS PIPE MATERIAL TO BE IN COMPLIANCE WITH IRISH WATER WATER CODE OF PRACTICE.

LEGEND

- SITE BOUNDARY
- - - PROPOSED 125mm OD SDR17 PE-100 WATERMAIN
- - - PROPOSED 180mm OD SDR17 PE-100 WATERMAIN
- - - EXISTING WATERMAIN
- - - EXISTING FIRE HYDRANT
- - - PROPOSED 32mm Ø CONNECTION BOUNDARY BOX FOR RETAIL / CRECHE AS PER UE STD-W-26G.
- - - SLUICE VALVES AS PER IRISH WATER STANDARD DETAILS STD-W-14/15
- - - HYDRANT AS PER IRISH WATER STANDARD DETAIL STD-W-16/18
- - - AIR VALVE AS PER IRISH WATER STANDARD DETAILS STD-W-20 / 21 / 22 / 23
- - - WASH OUT HYDRANT (STD-W-30A)
- - - TEMPORARY 'DEAD-END' FOR FUTURE DEVELOPMENT AS PER IRISH WATER STANDARD DETAILS STD-W-05
- - - 46m OFFSET FROM HYDRANT
- - - PROPOSED ROAD LEVELS
- - - PROPOSED FINISH FLOOR LEVEL

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

STATUS CODES

purpose acceptance

P3 - PLANNING PERMISSION S - ISSUED

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DUBLIN | CORK | GALWAY | WATERFORD

project ref.

SITE AT WHITESTOWN WAY - TALLAGHT

drawing title

WATERMAIN LAYOUT

client

ARP 4.2 SUSTAINABLE COMMUNITIES (IRELAND) FUND

designed by	author	scale	sheet size
NCG	GK	1:500	A1
drawing no.	revision		
240192-X-93-Z00-XXX-DR-DBFL-CE-1400	1		

