

AECOM

PROPOSED STRATEGIC HOUSING DEVELOPMENT ON LANDS AT PALMERSTOWN RETAIL PARK, KENNELSFORT ROAD LOWER, PALMERSTOWN, **DUBLIN 20**

CLIENT

RANDELSWOOD HOLDINGS LTD.

CONSULTANT

AECOM

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- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER. ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT
- OF ANT DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE. DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF
- DO NOT SCALE, ALL MEASUREMENTS AND COORDINATES
- TO BE CHECKED ON SITE.
 THE DEVELOPMENT SHALL HAVE A BULK WATER METER
 (EXACT LOCATION TO BE AGREED WITH IRISH WATER) IN
 ACCORDANCE WITH IRISH WATER CODE OF PRACTICE SECTION 3.15.4.
- BULK METERS SHALL HAVE AN ADJOINING KIOSK FOR TELEMETRY SYSTEM AS PER SECTION 2.6.6 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
- ALL APARTMENTS AND COMMERCIAL PROPERTIES SHALL HAVE METERS INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROL AUTHORITY'S REQUIREMENTS AND SUBJECT TO REVIEW
 BY IRISH WATER AS PER IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.2. AND
- 9. ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE80 RATING IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.9.
- 10. THE MINIMUM PIPE DIAMETER PROPOSED IS 150mm. 11. ALL WATERMAINS WILL HAVE A MINIMUM COVER OF 900mm. ALL SERVICE PIPES CONNECTING PROPERTIES
- WILL HAVE MINIMUM COVER OF 750mm. 2. HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN16 AND SHALL COMPLY WITH BS EN 14339, IS EN 1074 PART 6 AND 135 750. REFER TO IRISH WATER CODE OF PRACTICE
- FOR WATER INFRASTRUCTURE SECTION 3.16.5. 13. SLUICE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND WILL NOT EXCEED 300mm.
- 14. ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE. 15. AIR VALVE SHALL BE OF DOUBLE AIR VALVE TYPE WITH
- ISOLATING VALVE IN ACCORDANCE WITH THE REQUIREMENTS OF IS EN 1074: PART 4 AIR VALVES SHALL BE OF DUCTILE IRON TO IS EN1563, WITH A MINIMUM TENSILE STRENGTH 420N/mm² AND SHALL HAVE FLANGED INLETS, PN 16 RATED.



ISSUE/REVISION

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AECOM S GIEIL. ILMay not be used, mod	5	15/04/2020	SITE LAYOUT UPDATED
	4	10/04/2020	SHD ISSUE
	3	31/03/2020	AMENDED AS PER IW COMMENTS
	2	27-03-2020	ISSUE FOR PLANNING
	1	25-03-2020	DRAFT FOR PLANNING
	0	30/10/2019	ISSUED FOR PRE-APP TO ABP
	I/R	DATE	DESCRIPTION
8		0 IEOT 111 IN	DED
PROJECT NUMBER			RFK

60556657

SHEET TITLE

PROPOSED WATERMAIN LAYOUT

SHEET NUMBER

PR224738-ACM-00-00-DR-CE-00-2701