

- ## GENERAL NOTES
1. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
 2. ALL LEVELS ARE IN METERS TO ORDNANCE DATUM, MALIN REF. UNLESS NOTED OTHERWISE.
 3. THE POSITION OF EXISTING SERVICES AS SHOWN ON THE DRAWING MAY NOT BE ACCURATE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES. THE CONTRACTOR SHOULD CONTACT THE RESPECTIVE UTILITY PROVIDERS AND AUTHORITIES FOR THE MOST UP-TO-DATE INFORMATION BEFORE COMMENCING THE WORKS.
 4. EXISTING LEVELS ARE APPROXIMATE ONLY AND MUST BE CHECKED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT.
 5. PROPOSED MANHOLE COVER LEVELS ARE APPROXIMATE AND SHOULD BE ADJUSTED TO SUIT LOCAL FLOODING.
 6. ALL SURFACE WATER DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS.
 7. EXISTING TYPE GULLY TRAPS TO BE USED ON ALL SURFACE WATER DRAINS.
 8. GULLY LOCATIONS ARE APPROXIMATE ONLY AND SHOULD BE POSITIONED AT LOW POINTS.
 9. REFER TO ARCHITECT'S DRAWINGS FOR ALL ROOF DRAINAGE, STRIP DRAINS AND GULLY TRAPS BENEATH DOWNPIPES.
 10. WHERE IT IS NOT POSSIBLE TO ACHIEVE MINIMUM COVER, PIPES SHOULD BE BEDDED AND SURROUNDED IN CONCRETE TO 100MM TO PROVIDE MINIMUM COVERANCE WITH IT STANDARD CONSTRUCTION DETAIL CC-SD-00521.
 11. ALL WASTEWATER DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL IW-SD-0030-01 AND "CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE - IW-SD-0030-03".
 12. ALL WASTEWATER TO BE ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-16 TO STD-W-19.
 13. THRUST BLOCK ARRANGEMENTS SHALL COMPLY WITH IRISH WATER STANDARD DETAILS STD-W-28
 14. REFER TO MECHANICAL ENGINEER'S AND ELECTRICAL'S DRAWINGS FOR INTERNAL DRAINAGE AND DETAILS OF SOIL AND VENT PIPES LEADING TO WASTEWATER DRAINAGE AIS.
 15. ALL WATER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS TO IRISH WATER PUBLICATIONS "WATER INFRASTRUCTURE STANDARD DETAILS - IW-SD-0020-01" AND "CODE OF PRACTICE FOR WATER INFRASTRUCTURE - IW-SD-0020-03".
 16. ALL PLANTING & TREES TO COMPLY WITH SEPERATION DISTANCES AS PER IRISH WATER STANDARD DETAILS FOR WASTEWATER, STD-WW-06 AND STD-WW-06A AND FOR WATER, STD-W-16 AND STD-W-16A.
 17. A METHOD STATEMENT SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION AND TESTING
 18. ALL PIPE DIAMETERS INDICATED ARE INNER DIAMETER.
 19. THE DRAWINGS ARE NOT TO BE USED FOR SETTING OUT PURPOSES. REFER TO ARCHITECT'S DRAWINGS FOR SETTING OUT.

CIVIL SERVICES LEGEND

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|  | PROPOSED TWIN WALL WATER SEWER PIPES |
|  | PROPOSED PVC FOUL SEWER PIPES
(IN ACCORDANCE WITH SECTION 3.13 OF IRISH
WATER CODE OF PRACTICE FOR PIPE MATERIALS) |
|  | EXISTING FOUL SEWER PIPES |
|  | PROPOSED Ø125mm PE WATERMAIN
(AS PER SECTION 3.9 OF IW COP) |
|  | EXISTING WATERMAIN |
|  | DENOTES 6m & 46m SEPARATION DISTANCE OF
WATER HYDRANT |
|  | PROPOSED SURFACE WATER MANHOLE |
|  | PROPOSED FOUL SEWER MANHOLE
(IN ACCORDANCE WITH IRISH WATER TYPICAL
DETAILS STD-WW-10/10A/11) |
|  | EXISTING MANHOLE |
|  | PROPOSED ATTENUATION TANK |
|  | PROPOSED PERMEABLE PAVING AT PARKING BAYS
AND HOMEZONES AS SHOWN ON PLAN |
|  | SLUICE VALVE |
|  | HYDRANT |
|  | WATER METER |
|  | AIR VALVE
(IN ACCORDANCE WITH IRISH WATER STANDARD
DETAILS STD-W-20/21/22/23) |

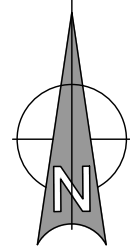
NOTES:
ALL LEVELS RELATE TO MALIN HEAD DATUM.

INFORMATION

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Figured dimension only to be taken from this drawing.
All dimensions to be checked on site.
Consultants to be informed immediately of any
discrepancies before work proceeds.

REV NO:	DATE:	REVISION NOTE:	DWN BY:	CKD BY:
P01	25/02/2026	ISSUED FOR S247	RM	MH
P02	19/03/2026	LATEST ARCHITECTURAL LAYOUT LOADED	RM	MH
P03	26/05/2026	ISSUED FOR INFORMATION	EK	MH
P04	29/06/2026	ISSUED FOR CLIENT REVIEW	EK	MH
P05	06/07/2026	ISSUED DRAFT FOR INFORMATION	EK	MH
P06	30/07/2026	ISSUED FOR INFORMATION	EK	DG
P07	12/08/2026	ISSUED FOR INFORMATION	EK	MH



CONTINUED FROM
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CLIENT:	BALLYMORE GROUP				
PROJECT:	PROPOSED DEVELOPMENT, BALLYKEERAN GARDENS, CORNAMADDY, ATHLONE				
TITLE:	PROPOSED PHASE 1 AMENDMENT COMBINED SERVICES LAYOUT SHEET 2				
DRAWN: EK	CHECKED: RM	APPROVED: MH	JOB NO: 251416	REV:	
DATE: AUGUST 2026	SCALE: 1:500	DRAWING NO: 251416-ORS-Z1-00-DR-C-400		P07	

