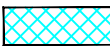
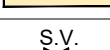
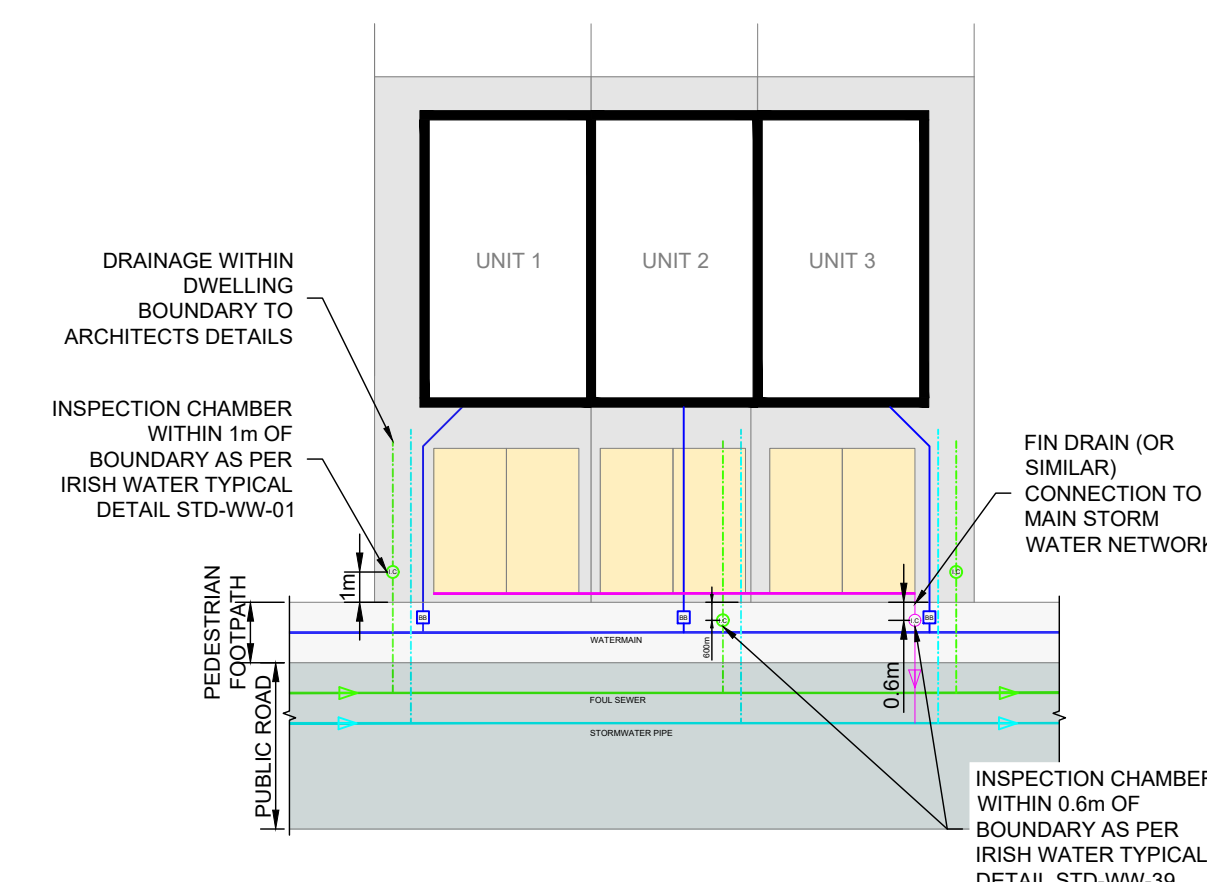


1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS' AND ARCHITECTS' DRAWINGS AND SPECIFICATIONS.
2. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM, MALIN HEAD UNLESS NOTED OTHERWISE.
3. THE POSITION OF EXISTING SERVICES AS SHOWN ON THE DRAWING MAY NOT BE ACCURATE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES AND FOR VERIFYING AND CONTACT THE RESPECTIVE UTILITY PROVIDERS AND AUTHORITIES FOR THE MOST UP-TO-DATE INFORMATION BEFORE COMMENCING THE WORKS.
4. EXISTING LEVELS ARE INDICATIVE 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 FINISHES.
6. ALL NEW WATER AND WASTEWATER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS.
7. LOCKABLE TYPE GULLY TRAPS TO BE USED ON ALL SURFACE WATER DRAINS.
8. GULLY POSITIONS ARE APPROXIMATE ONLY AND SHOULD BE LOCATED AT LOW POINTS.
9. REFER TO ARCHITECTS' DRAWINGS FOR ALL ROOF DRAINAGE, STRIP DRAINS AND GULLY TRAPS BENEATH DECKING.
10. WHERE IT IS NOT POSSIBLE TO ACHIEVE MINIMUM COVER, PIPES MUST BE BEDDED AND SURROUNDED IN CONCRETE 150MM THICK, CLASS E IN ACCORDANCE WITH TI STANDARD CONSTRUCTION DETAIL CC-SGD-00521.
11. ALL NEW WATER AND WASTEWATER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARDS. REFER TO IRISH WATER PUBLICATIONS "WASTEWATER INFRASTRUCTURE STANDARD DETAILS - IW-CD-001" AND "CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE - IW-CD-0030-03".
12. HYDRANTS 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-16 TO STD-W-19.
14. REFER TO MECHANICAL AND ELECTRICAL ENGINEERS' DRAWINGS FOR INTERNAL DRAINAGE AND DETAILS OF SLOPE AND VENT PIPES LEADING TO WASTEWATER DRAINAGE OUTS.
15. ALL WATER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARDS. REFER TO IRISH WATER PUBLICATIONS "WATER INFRASTRUCTURE STANDARD DETAILS - IW-CD-0020-01" AND "CODE OF PRACTICE FOR WATER INFRASTRUCTURE - IW-CD-0020-03".
16. ALL PLANTINGS & TREES TO COMPLY WITH SEPARATION DISTANCES AS PER IRISH WATER STANDARD DETAILS STD-W-06, STD-W-07, STD-W-08 AND STD-W-06A AND FOR FENCING, STD-W-09 AND STD-W-10A.
17. A METHOD STATEMENT SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION AND TESTING.
18. ALL PIPE DIAMETERS INDICATED ARE INNER DIAMETER.
19. ALL DIMENSIONS GIVEN ARE TO FACE UNLESS NOTED OTHERWISE. REFER TO ARCHITECTS DRAWINGS FOR SETTING OUT.

CIVIL SERVICES LEGEND

- | | |
|---|--|
|  | PROPOSED TWIN WALL SURFACE WATER PIPES |
|  | PROPOSED PVC FOUL SEWER PIPES
(IN ACCORDANCE WITH SECTION 3.13 OF IRISH WATER CODE OF PRACTICE FOR PIPE MATERIAL (S)) |
|  | PROPOSED 0125mm 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) |
|  | 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-2021/222/23) |

NOTES:
ALL LEVELS RELATE TO MALIN HEAD DATUM



TYPICAL DRAINAGE & WATERMAIN ARRANGEMENT AROUND DWELLINGS

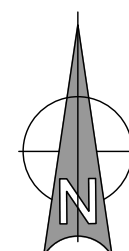
SCALE 1:250

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



CLIENT:	BALLYMORE GROUP			
PROJECT:	PROPOSED DEVELOPMENT, BALLYKEERAN GARDENS, CORNAMADDY, ATHLONE			
TITLE:	PROPOSED PHASE 1 AMENDMENT COMBINED SERVICES LAYOUT SHEET 1			
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

REV: P07



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