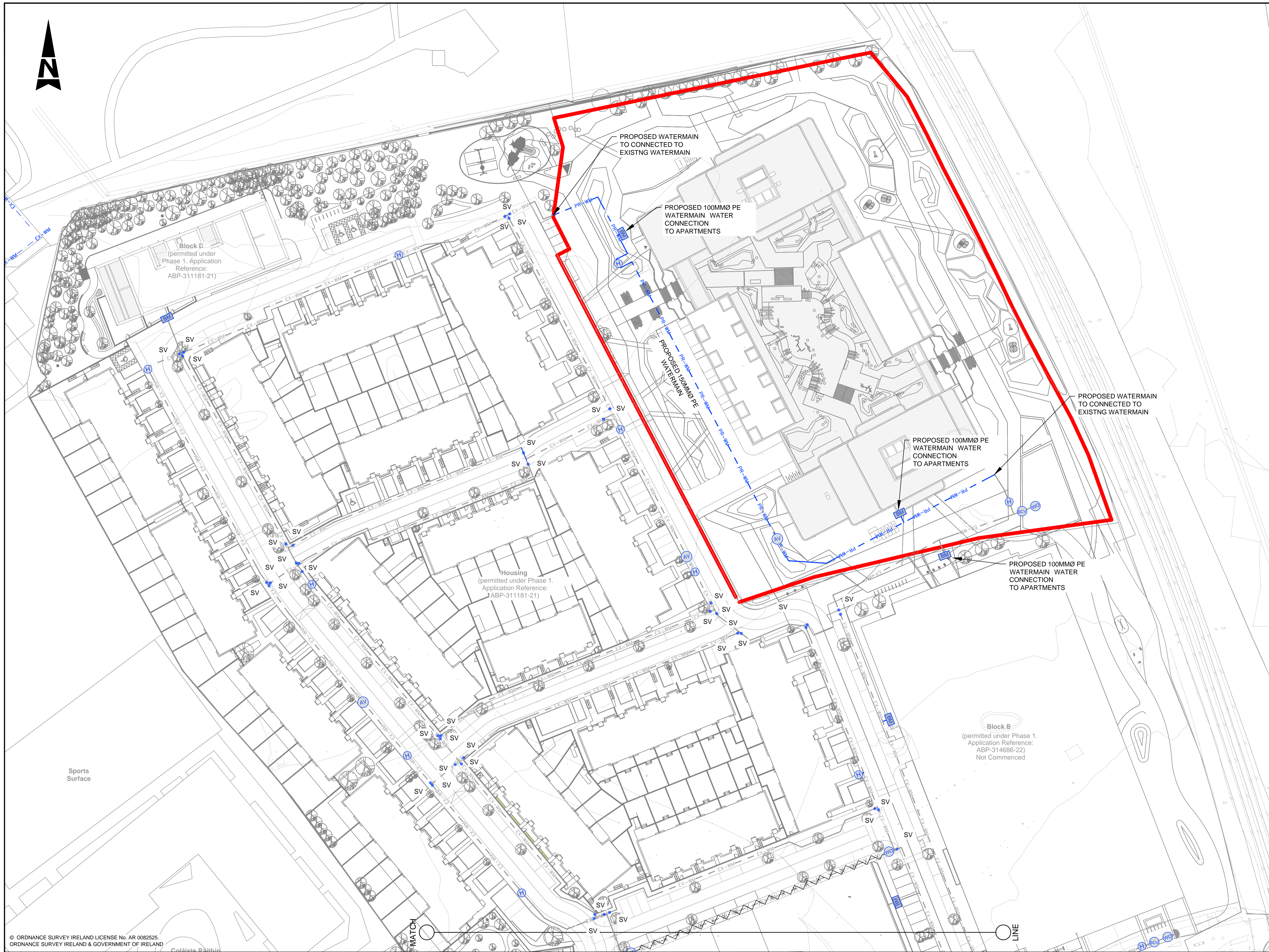


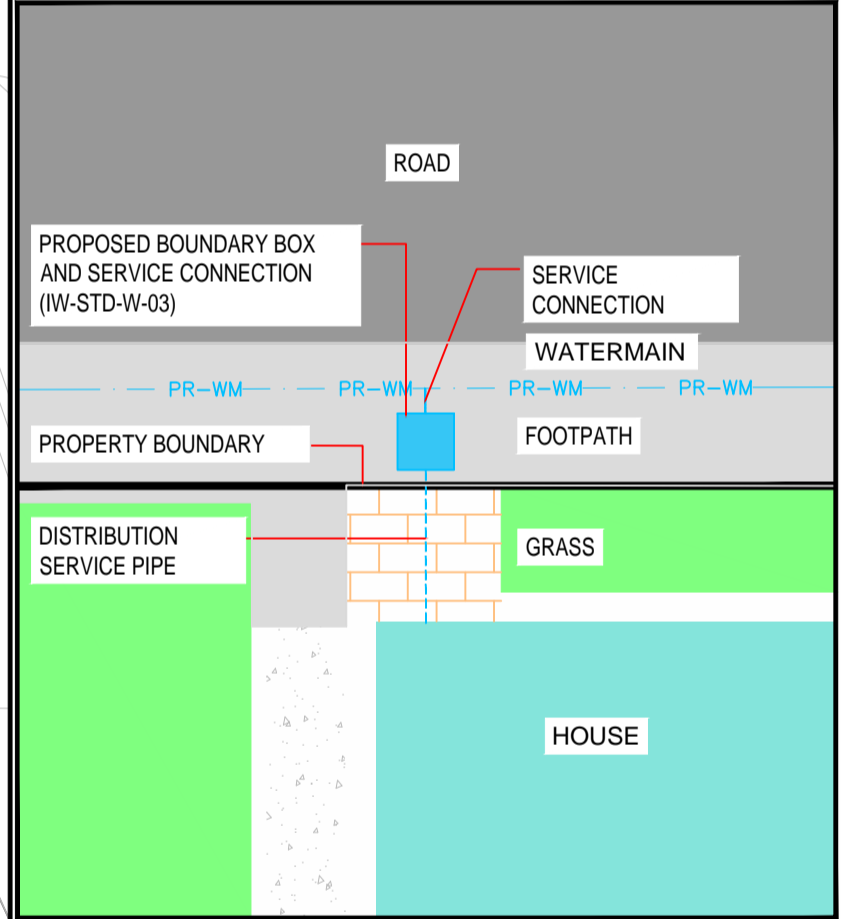
100  
10  
0  
A1

DO NOT SCALE

File: 5214419-ATK-01-ZZ-DR-CE-2701\_2704.dwg  
Date: Jun 19, 2025 - 11:24am  
Plotted by: SHER8400



- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
  2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
  3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR



**TYPICAL BOUNDARY BOX DETAIL**  
Scale at A1 1:100

**NOTE:**  
INSTALLATION OF WATER MAIN SHALL BE IN ACCORDANCE WITH IRISH WATER, WATER INFRASTRUCTURE STANDARD DETAILS (IW-CDS-5020-01) & CODE OF PRACTICE FOR WATER INFRASTRUCTURE (IW-CDS-5020-03)  
INSTALLATION OF WATER MAIN AND ALL OTHER DEVELOPMENT SERVICES SHALL BE IN ACCORDANCE WITH IRISH WATER STD-W-11  
AIR VALVE 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. SEE SECTION 3.18 OF WATER CODE OF PRACTICE A GEOTEXTILE PIPE WRAP ROOT PROTECTION SYSTEM WILL BE APPLIED TO THE PIPES WHERE IT IS LAID WITHIN THE MINIMUM DISTANCE GIVEN IN TABLE A1 OF BS 5837 AS SPECIFIED IN SECTION 3.26 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE

| LEGEND |  |
|--------|--|
|        | EXISTING WATERMAIN   |
|        | PROPOSED (HPPE/HDPE PE-100 SDR-17) WATERMAIN DIAMETER AS INDICATED |
|        | PHASE 1 AS CONSTRUCTED WATERMAIN                                   |
|        | PROPOSED FIRE HYDRANT (ONLINE IW-STD-W-18) (OFFLINE IW-STD-W-19)   |
|        | PROPOSED BULK METER (IW-STD-W-26)                                  |
|        | PROPOSED 25MM (OD) PE SERVICE PIPE AS PER STD-W-01                 |
|        | PROPOSED AIR VALVE (ONLINE IW-STD-W-22) (OFFLINE IW-STD-W-23)      |
|        | PROPOSED SCOUR VALVE (IW-STD-W-30)                                 |
|        | PROPOSED MANIFOLD CHAMBER (IW-CDS-5020-03, SECTION 3.14)           |
|        | PROPOSED END CAP (IW-STD-W-05)                                     |
|        | PROPOSED WASH OUT HYDRANT (IW-STD-W-30A)                           |
|        | SITE BOUNDARY  |
|        | PROPOSED SLUICE VALVE (IW-STD-W-15)                                |

|     |                     |    |          |       |      |
|-----|---------------------|----|----------|-------|------|
| P01 | ISSUED FOR PLANNING | PS | 21.05.25 | AC    | GH   |
| Rev | Description         | By | Date     | Chk'd | Auth |

**AtkinsRéalis**  
DUBLIN | CORK | GALWAY | DUNDALK

ATKINS HOUSE, 150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.  
Tel : +353 1 810 8000 Email : info.ie@atkinsrealis.com

Unit 2B, 2200 Cork Airport Business Park, Cork Tel (+353) 021 429 0300 Fax (+353) 021 429 0360

1st Floor Technology House Parkmore Technology Park, Galway Tel (+353) 091 786 050 Fax (+353) 091 779 830

|         |                                   |  |  |
|---------|-----------------------------------|--|--|
| Client  | SHANKILL PROPERTY INVESTMENTS LTD |  |  |
| Project | SEA GARDENS PHASE 1 BLOCK A       |  |  |

|                |                           |                |                              |
|----------------|---------------------------|----------------|------------------------------|
| Purpose        | PLANNING                  |                |                              |
| Title          | PROPOSED WATERMANS LAYOUT |                |                              |
| Original Scale | 1:500 at A1               | Design/Drawn   | PS                           |
| 1:1000 at A3   | Date                      | 19.05.25       | Checked                      |
|                |                           |                | AC                           |
|                |                           |                | Authorized                   |
|                |                           |                | GH                           |
| Status         | P                         | Drawing Number | 5214419-ATK-01-ZZ-DR-CE-2701 |
|                |                           | Rev            | P01                          |