



- NOTES FOUL WATER**
- ALL LEVELS IN METRES ABOVE ORDINANCE DATUM.
  - ALL DRAINAGE DETAILS TO BE SUBMITTED AND AGREED WITH DUBLIN CITY COUNCIL PRIOR TO COMMENCEMENT OF WORKS.
  - CONTRACTOR TO TRACE ALL SERVICES WITHIN SITE BOUNDARY TO ASCERTAIN OUTFALL LOCATIONS OF ALL LIVE SERVICES PRIOR TO COMMENCEMENT OF SITE CLEARANCE WORKS.
  - CONTRACTOR TO AGREE ANY DIVERSIONS WHERE NECESSARY WITH CONSULTANTS / LOCAL COUNTY COUNCIL.
  - INVERT & COVER LEVELS ARE INDICATIVE ONLY. DRAIN RUNS & LEVELS ARE TO BE AGREED WITH DUBLIN CITY COUNCIL PRIOR TO COMMENCEMENT OF WORKS.
  - PIPES LAID IN ROADWAYS TO BE ENCASED IN 150mm CONCRETE WHERE COVER TO PIPE IS LESS THAN 1.2m. PIPES LAID IN OPEN SPACES TO BE ENCASED IN 150mm CONCRETE WHERE COVER TO PIPE IS LESS THAN 0.9m.
  - ALL PIPE RUNS CROSSING PUBLIC ROADWAYS OR ROADS TO BE TAKEN IN CHARGE TO BE S&S CONCRETE PIPES, TO USE IR OR SIMILAR APPROVED.
  - CONTRACTOR TO ENSURE FULL COORDINATION WITH ALL OTHER UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF WORKS.
  - ALL MANHOLE COVERS (IN PAVED / PAVEMENT AREAS) TO BE ABLE TO ACCOMMODATE FINISHES TO MATCH SURROUNDING AREA.
  - ALL UNDERGROUND PIPE WORK TO BE KEPT A MINIMUM OF 3.0m AWAY FROM BUILDING FOUNDATIONS, WHERE THIS ISNT POSSIBLE THE FOUNDATION LEVEL OF THE BUILDING SHALL BE LOWERED TO THE ADJACENT PIPE INVERT LEVEL WITH LEAN MIX.
  - ALL AJ @ MANHOLE COVERS & GULLIES TO COMPLY WITH EN124 & TO BE MARKED THUS.
  - ALL MANHOLES IN PAVEMENTS TO HAVE MIN. CLASS B125 RATED COVERS. MANHOLES IN ROADWAYS TO HAVE MIN. CLASS D400 COVERS.

- NOTES WATERMAIN**
- ALL TYPICAL DETAILS AND SPECIFICATIONS OF PIPELINE, MANHOLES, GULLIES AND GENERAL DRAINAGE INFRASTRUCTURE TO COMPLY WITH IRISH WATER STANDARD DETAIL REQUIREMENTS.
  - THE MINIMUM DEPTH OF COVER FROM CROWN OF PIPE TO GROUND LEVEL IS 0.9M
  - ALL LEVELS IN METRES ABOVE ORDINANCE DATUM.
  - ALL WATERMAIN DETAILS TO BE SUBMITTED AND AGREED WITH IRISH WATER & DUBLIN CITY COUNCIL PRIOR TO COMMENCEMENT OF WORKS.
  - CONTRACTOR TO TRACE ALL SERVICES WITHIN SITE BOUNDARY TO ASCERTAIN OUTFALL LOCATIONS OF ALL
  - DRAIN RUNS & LOCATION OF ALL LIVE SERVICES PRIOR TO COMMENCEMENT OF SITE CLEARANCE WORKS.
  - CONTRACTOR TO AGREE ANY DIVERSIONS WHERE NECESSARY WITH CONSULTANTS / DUBLIN CITY COUNCIL.
  - WATERMANS SHALL BE EITHER DUCTILE IRON (DI) OR POLYETHYLENE (PE), WITH PE80 OR PE100 RATINGS (MDPE, HDPE OR HPPE)
  - WATER SUPPLY TO BE METERED. LOCATION OF WATER METER TO BE TO THE AGREEMENT OF IRISH WATER & DUBLIN CITY COUNCIL WATER SERVICES DIVISION. REFER TO IRISH WATER INFRASTRUCTURE STANDARD DETAILS FOR WATERMETER CHAMBER & DETAILS (STD-W-26 & 26A). REFER TO IW COP FOR WATER INFRASTRUCTURE CL. 315 FOR DETAILS ON WATER METER TO BE PROVIDED.
  - UPON COMPLETION OF THE DEVELOPMENT THE CONTRACTOR/DEVELOPER SHALL COMMISSION A WATER AUDIT AND LEAKAGE SURVEY OF THE WATER DISTRIBUTION SYSTEM WHICH SHALL BE SUBMITTED TO THE PLANNING AUTHORITY FOR CONSIDERATION WITHIN THREE MONTHS OF THE COMPLETION OF THE DEVELOPMENT.
  - THE HYDRANT LOCATIONS CURRENTLY SHOWN ARE FOR INDICATIVE PURPOSES ONLY. A MORE DETAILED ASSESSMENT WILL BE CARRIED OUT AT THE NEXT DESIGN STAGE TO DETERMINE EXACT LOCATION OF DRY FIRE FIGHTING RISER TO BE PROVIDED WITHIN EACH OF THE TWO NO. STAIR CORES.

| Rev | Sts | Description  | Date     |
|-----|-----|--|----------|
| P01 | S0  | Issued For Planning Review   | 02.04.19 |
| P02 | S0  | General Revisions  | 23.09.19 |
| P03 | S0  | Addition of RWH Tank   | 01.10.19 |
| P04 | S0  | Revised Ext Communal Area Layout, RWH Tank                               | 04.10.19 |
| P05 | S2  | Revised As Per Architects Plan   | 16.04.20 |
| P06 | S2  | Revised As Per Architects Plan   | 28.05.20 |
| P07 | S2  | SWMH 1.01 To 1.02 & FAJ To FWHM 2.01 Revised                             | 04.06.20 |
| P08 | S2  | Callibration Hydrant Removed, FW & SW on Northside of Building Moved Out | 16.06.20 |
| P09 | S2  | Minor Amendments for Pre-Planning Check                                  | 26.06.20 |

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CONSULTING CIVIL & STRUCTURAL ENGINEERS

**PROJECT**  
Kenilworth Shared Living Accommodation, Dublin 6W

**CLIENT**  
AAI Kenilworth

**TITLE**  
Proposed Services Plan Ground Floor Level.

**DRAWN BY** A.R. **CHECKED BY** D.O.S. **APPROVED BY** D.O.S.

**SCALE** 1:125(A1) 1:250(A3) **PROJECT NUMBER** 18322

**DOCUMENT REFERENCE** 18322-MMS-ZZ-ST-DR-C-10001

**STATUS** S0  
REV: P09

Proposed Services Plan (Ground Floor)