



- INDICATES SITE BOUNDARY
- - - INDICATES LEVEL ABOVE / BELOW
- - - INDICATES PROPOSED SURFACE WATER SEWER
- - - INDICATES PROPOSED FOUL SEWER
- - - INDICATES EXISTING COMBINED SEWER
- INDICATES PROPOSED SURFACE WATER MANHOLE
- INDICATES ACCESS JUNCTION
- G INDICATES ROAD GULLY
- INDICATES PROPOSED FOUL MAN HOLE
- INDICATES EXISTING COMBINED MANHOLE
- INDICATES DOUBLE SEALED MANHOLE COVER
- INDICATES EXISTING WATERMAIN
- INDICATES PROPOSED WATERMAIN
- SV INDICATES SLUICE VALVE
- H INDICATES WATER HYDRANT
- M INDICATES WATERMETER
- INDICATES FOUL WATER RISING MAIN
- INDICATES SURFACE WATER RISING MAIN

- NOTES FOUL WATER**
1. ALL LEVELS IN METRES ABOVE ORDNANCE DATUM.
 2. ALL DRAINAGE DETAILS TO BE SUBMITTED AND AGREED WITH DUBLIN CITY COUNCIL PRIOR TO COMMENCEMENT OF WORKS.
 3. CONTRACTOR TO TRACE ALL SERVICES WITHIN SITE BOUNDARY TO ASCERTAIN OUTFALL LOCATIONS OF ALL LIVE SERVICES PRIOR TO COMMENCEMENT OF SITE CLEARANCE WORKS.
 4. CONTRACTOR TO AGREE ANY DIVERSIONS WHERE NECESSARY WITH CONSULTANTS / LOCAL COUNTY COUNCIL.
 5. INVERT & COVER LEVELS ARE INDICATIVE ONLY. DRAIN RUNS & LEVELS ARE TO BE AGREED WITH DUBLIN CITY COUNCIL PRIOR TO COMMENCEMENT OF WORKS.
 6. 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.
 7. ALL PIPE RUNS CROSSING PUBLIC ROADWAYS OR ROADS TO BE TAKEN IN CHARGE TO BE S&S CONCRETE PIPES, TO IS6 OR SIMILAR APPROVED.
 8. CONTRACTOR TO ENSURE FULL COORDINATION WITH ALL OTHER UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF WORKS.
 9. ALL MANHOLE COVERS (IN PAVED / PAVEMENT AREAS) TO BE ABLE TO ACCOMMODATE FINISHES TO MATCH SURROUNDING AREA.
 10. ALL UNDERGROUND PIPE WORK TO BE KEPT A MINIMUM OF 3.0m AWAY FROM BUILDING FOUNDATIONS. WHERE THIS ISN'T POSSIBLE THE FOUNDATION LEVEL OF THE BUILDING SHALL BE LOWERED TO THE ADJACENT PIPE INVERT LEVEL WITH LEAN MIX.
 11. ALL AJ @ MANHOLE COVERS & GULLIES TO COMPLY WITH EN124 & TO BE MARKED THUS.
 12. ALL MANHOLES IN PAVEMENTS TO HAVE MIN. CLASS B125 RATED COVERS. MANHOLES IN ROADWAYS TO HAVE MIN. CLASS D400 COVERS.

- NOTES WATERMAIN**
1. ALL TYPICAL DETAILS AND SPECIFICATIONS OF PIPELINE, MANHOLES, GULLIES AND GENERAL DRAINAGE INFRASTRUCTURE TO COMPLY WITH IRISH WATER STANDARD DETAIL REQUIREMENTS.
 2. THE MINIMUM DEPTH OF COVER FROM CROWN OF PIPE TO GROUND LEVEL IS 0.9M
 3. ALL LEVELS IN METRES ABOVE ORDNANCE DATUM.
 4. ALL WATERMAIN DETAILS TO BE SUBMITTED AND AGREED WITH IRISH WATER & DUBLIN CITY COUNCIL PRIOR TO COMMENCEMENT OF WORKS.
 5. CONTRACTOR TO TRACE ALL SERVICES WITHIN SITE BOUNDARY TO ASCERTAIN OUTFALL LOCATIONS OF ALL
 6. DRAIN RUNS & LOCATION OF ALL LIVE SERVICES PRIOR TO COMMENCEMENT OF SITE CLEARANCE WORKS.
 7. TO COMMENCEMENT OF SITE CLEARANCE WORKS.
 8. CONTRACTOR TO AGREE ANY DIVERSIONS WHERE NECESSARY WITH CONSULTANTS / DUBLIN CITY COUNCIL.
 9. WATERMANS SHALL BE EITHER DUCTILE IRON (DI) OR POLYETHYLENE (PE), WITH PE80 OR PELL0 RATING (MDPE, HDPE OR HPPE)
 10. 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.
 11. 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.
 12. 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	S2	Revised Ext Communal Area Layout, RWH Tank	04.10.19
P04	S2	Revised As Per Architects Plan	16.04.20
P05	S2	Revised As Per Architects Plan	27.05.20
P06	S2	SWMH 1.01 To 1.02 & FAJ To FWMH 2.01 Revised	04.06.20
P07	S2	Calibration Hydrant Removed, FW & SW on Northside of Building Moved Out	17.06.20
P08	S2	Minor Amendments for Pre-Planning Check	26.06.20

MMOS Lane Business Park, Monahan Road, Cork.
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PROJECT
 Kenilworth Shared Living Accommodation, Dublin 6W

CLIENT
 AAI Kenilworth

TITLE
 Proposed Services Basement Level

DRAWN BY A.R. CHECKED BY D.O'S. APPROVED BY D.O'S.
 SCALE 1:250(A3) PROJECT NUMBER 18322

DOCUMENT REFERENCE 18322-MMS-ZZ-ST-DR-C-10000 STATUS S2
 P08

Proposed Services Plan (Basement)
 Scale 1:125 @ A1, 1:250 @ A3