



PROPRIETARY PRODUCT NAMES, MANUFACTURER'S NAMES, SUPPLIERS NAMES, NATIONAL STANDARDS

WHERE A SPECIFICATION OR A DESCRIPTION OF A PRODUCT OR ELEMENT OF WORK INCLUDES A SPECIFIC MAKE OR SOURCE SUCH AS A PRODUCT NAME OR MANUFACTURER'S NAME OR A SUPPLIER'S NAME, OR A NATIONAL STANDARD, THE SPECIFICATION OR DESCRIPTION SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS "OR EQUIVALENT" NOTWITHSTANDING THAT THOSE EXACT WORDS MAY NOT IN FACT ACCOMPANY THE NAME OR STANDARD. THIS ALSO APPLIES WHERE THE NAME OR STANDARD IS ACCOMPANIED BY OTHER WORDS SUCH AS "OR EQUAL APPROVED" OR SUCHLIKE PHRASES.

NOTE:

REFER TO SUDS DRAWING 172387-004 FOR SUDS MEASURES.

LEGEND:

- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED RISING MAIN
- PROPOSED FOUL WATER MANHOLE
- PROPOSED FOUL WATER SEWER
- EXISTING SURFACE WATER SEWER
- EXISTING COMBINED SEWER
- NON-RETURN VALVE
- PROPOSED ATTENUATION TANK
- PROPOSED SITE BOUNDARY

- NOTES:**
- TOPOGRAPHICAL SURVEY BY MURPHY SURVEYS - DRAWING MSL23186_T_2D_ITM_REVO (03.11.2017).
 - EXISTING DRAINAGE INFORMATION SUPPLIED BY IRISH WATER & DUBLIN CITY COUNCIL.
 - DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES ABOVE DATUM UNLESS OTHERWISE NOTED. DATUM IS MALIN HEAD.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.
 - FOR ALL INTERNAL DRAINAGE & VENTILATION DETAILS REFER TO ARCHITECT'S DRAWINGS.
 - AIR VENTS TO BE PROVIDED AT HEADS OF ALL SEWER LINES, PI + PUMPING STATION. REFER TO ARCHITECT'S DRAWINGS FOR DETAILS.
 - AIR VENTS TO BE PROVIDED AT HEADS OF ALL SEWER LINES.
 - ALL PIPE DIAMETERS ARE NOMINAL.
 - LOCATION OF EXISTING SERVICES ARE INDICATIVE ONLY AND HAVE BEEN TAKEN FROM RECORD DRAWINGS AND INTERPOLATED FROM TOPOGRAPHICAL SURVEY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF THE VARIOUS SERVICES SHOWN ON THESE DRAWINGS.
 - ALL SEWERS TO BE THERMOPLASTIC STRUCTURED WALL SEWER PIPE AND SHALL COMPLY WITH THE RELEVANT PROVISIONS OF WIS 4-35-01. I.E. POLYSEWER BY POLYPIPE CIVILS OR EQUIVALENT APPROVED.
 - ALL ROAD GULLY DRAINS ARE 150mm.
 - ONLY PROPRIETARY CONNECTION PIECES TO BE USED FOR MAKING CONNECTIONS TO SEWERS.
 - ALL JOINTS TO BE WATERTIGHT TO CL 504 SUB CLAUSE 3 OF THE NRA SPECIFICATION FOR ROAD WORKS.
 - ALL GULLIES TO HAVE LOCKABLE GRATES AND WHERE LOCATED IN PEDESTRIAN TRAFFICKED AREAS ARE TO HAVE HEEL SAFE GRATES.
 - ALL DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE, IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE & IRISH WATER STANDARD DETAILS.
 - ALL PIPE PENETRATIONS IN BASEMENT SHALL INCORPORATE PROPRIETARY PUDDLE FLANGE FITTINGS TO ENSURE WATER TIGHTNESS IN BASEMENT.

STORM NETWORK

PN	Length (m)	Fall (m)	Slope (1:X)	USCL (m)	USIL (m)	DSCL (m)	DSIL (m)	Dia (mm)
S3.000	10.653	0.133	80.0	3.220	1.970	2.370	1.837	150
S3.001	5.970	0.075	80.0	2.370	1.837	2.370	1.762	150

FOUL NETWORK

PN	Length (m)	Fall (m)	Slope (1:X)	USCL (m)	USIL (m)	DSCL (m)	DSIL (m)	Dia (mm)
F1.000	24.225	0.303	80.0	2.860	1.920	2.600	1.617	150
F1.001	44.153	0.491	89.9	2.600	1.617	2.200	1.126	150
F1.002	15.581	0.156	100.0	2.200	1.126	2.200	0.970	150
F1.003	9.549	0.095	100.0	2.200	0.970	2.370	0.875	150
F1.004	4.631	0.046	100.0	2.370	0.875	2.300	0.828	150

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COLOUR DRAWING

Rev	By	Date	Amendment	Rev	By	Date	Amendment
C01	IBS	16/03/2021	PLANNING ISSUE				

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Project: **BEACH ROAD APARTMENT, SANDYMOUNT**
 Title: **PROPOSED GROUND FLOOR DRAINAGE LAYOUT**

Drawn: JIB Date drawn: JIB Technician Check: JIB Engineer Check: JH Approved: PC

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