



- GENERAL NOTES:**
1. ALL DIMENSIONS AND LEVELS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECT'S AND OTHER CIVIL DRAWINGS.

- DRAINAGE LAYOUT LEGEND**
- PROPOSED FOUL SEWER & MH
 - EXISTING STORM SEWER
 - EXISTING FOUL SEWER
 - PROPOSED ROAD
 - PROPOSED CONCRETE FOOTWAY
 - PROPOSED UNITS

- DRAINAGE NOTES:**
1. ALL FOUL DRAINAGE INFRASTRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATERS REQUIREMENTS AND THEIR CONSTRUCTION DETAIL IW-CDS-5030-03 DECEMBER 2017.
 2. ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH 'FINGAL COUNTY DEVELOPMENT PLAN 2016 - 2022', 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 6TH EDITION' AND 'GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS'
 3. ALL DRAINAGE CONNECTIONS FROM BUILDINGS TO CONFIRM TO THE BUILDING REGULATIONS 2010, PART H.
 4. CLASS E BEDDING TO ALL PIPES WITH COVER GREATER THAN 1.2m UNDER ROAD AND 0.9m UNDER OTHER AREAS
 5. FOR DRAINAGE DETAILS SEE DRAINAGE LONGSECTIONS, DRAWING C-05.
 6. THERMOPLASTIC STRUCTURED WALL PIPES SHALL COMPLY WITH THE PROVISIONS OF IS EN 13476 (2007 / 2009) AND WITH WIS 4-35-01 (2000). PIPES TO BE STIFFNESS CLASS 8kN/m² AND TO BE CAPABLE OF DEMONSTRATING A JETTING RESISTANCE OF 2600PSI (180 BAR) WITHOUT DAMAGE IN ACCORDANCE WITH SECTION 3.13.3 OF IW-CDS-5030. (PIPE DIAMETERS 150mm UP TO 450mm)
 7. CONCRETE BED AND SURROUND TO PIPES WITH COVER LESS THAN 1.2M UNDER ROADS AND 0.9M UNDER OTHER AREAS
 8. LADDERS ARE REQUIRED IN MANHOLES WHERE THE DEPTH FROM COVER LEVEL EXCEEDS 2.5m
 9. ALL ABANDONED PIPE RUNS AND MANHOLES TO BE BROKEN OUT AND BACKFILLED WITH 15/20N LEAN MIX CONCRETE.
 10. ALL ROAD GULLIES AND MANHOLE COVERS TO BE TO EN 124 D400 IN ROADS AND B125 IN ALL OTHER PAVED AREAS, FOOTWAYS AND LANDSCAPED AREAS.

REV	DATE	DESCRIPTION	BY	APPR
B	02.08.19	SITE LAYOUT REVISED-UNITS ALTERED	FM	MK
A	22.07.19	CHANGES AFTER INITIAL COMMENTS	FM	MK

DRAWING STATUS:
PART_8_PLANNING

CLIENT:
FINGAL COUNTY COUNCIL

JOB DESCRIPTION:
CAPPAGHFINN PHASE III HD

DRAWING TITLE:
FOUL DRAINAGE LAYOUT

PROJECT No.: P-3333 **DRAWING No.:** C-03

SCALE: 1:500 **SHEET:** A1 **DATE:** 25.06.19

DRAWN BY: PMCG **CHECKED BY:** MK **APPROVED BY:** PMCM

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FOUL Network 1										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Upstream Manhole			Downstream Manhole			Manhole Dia. (mm)
				Number	Invert	Cover	Number	Invert	Cover	
1.000	225	60	uPVC	F1	74.31	75.35	F2	73.07	75.08	1200
1.001	225	150	uPVC	F2	73.07	75.08	F3	72.73	74.36	1200
1.002	225	150	uPVC	F3	72.73	74.36	F4	72.64	74.33	1200
1.003	225	100	uPVC	F4	72.64	74.33	F5	72.36	74.04	1200
1.004	225	155	uPVC	F5	72.36	74.04	F6	71.95	73.63	1200
1.005	225	186	uPVC	F6	71.95	73.63	F7	71.60	73.96	1200
1.006	225	91	uPVC	F7	71.60	73.96	F8	71.30	73.80	1200
2.000	225	60	uPVC	F9	73.03	74.20	F4	72.64	74.33	1200
3.000	225	60	uPVC	F10	72.47	73.47	F6	71.95	73.63	1200
4.000	225	60	uPVC	F11	72.48	74.43	F7	71.60	73.96	1200
5.000	225	60	uPVC	F12	73.12	74.00	F13	72.67	74.11	1200
5.001	225	60	uPVC	F13	72.67	74.11	F14	71.78	74.11	1200
5.002	225	200	uPVC	F14	71.78	74.11	F7	71.60	73.96	1200

FOUL DRAINAGE LAYOUT
SCALE 1:500

FOR PART 8 PLANNING PURPOSES ONLY