



- NOTES**
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  - ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

- WASTEWATER**
- WASTEWATER SERVICES ARE TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE DOC IW-CDS-5030-03.
  - ALL INFRASTRUCTURE WILL BE PROVIDED IN LINE WITH THE IRISH WATER STANDARD DETAILS.
  - UPVC S88 PIPES TO BE USED FOR FOUL WASTEWATER SEWER LAYOUT IN ACCORDANCE TO SECTION 3.13.
  - MANHOLES LOCATED IN GRASS AREAS ARE TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED OF C20/25 CONCRETE, 20MM AGGREGATE SIZE BEDDED IN CASE 804 MATERIAL.
  - MANHOLES DEEPER THAN 3m AND LESS THAN 6m TO BE CONSTRUCTED AS PER IW-CDS-5030-03 SECTION 3.12.
  - SEWER SPACINGS TO BE AS PER IRISH WATER STANDARD DETAIL STD-WW-05:
    - ALL SEWER PIPES TO BE A MINIMUM OF 300mm AWAY FROM OUTSIDE OF MANHOLES.
    - ALL SEWER PIPES TO BE A MINIMUM OF 1000mm AWAY FROM ROAD KERBS.
    - ALL MANHOLES TO BE A MINIMUM OF 500mm AWAY FROM ROAD KERBS.
  - ALL PIPE CROSSINGS WITH LESS THAN 300mm VERTICAL CLEARANCE TO BE ENCASED IN CONCRETE.
  - THE BRIDGE CONNECTION BETWEEN F155 AND F156 SHALL BE CONSTRUCTED USING DUCTILE IRON PIPEWORK WITH STRUCTURAL SUPPORTS AND PIERS DESIGNED IN ACCORDANCE WITH CODE OF PRACTICE AND RELEVANT STRUCTURAL EUROCODES.
  - ALL MANHOLES LOCATED BELOW THE MAXIMUM GROUNDWATER LEVEL ARE TO BE CONCRETE ENCASED AS PER USCE EIREANN STANDARD DETAIL STD-WW-10A.

- STORMWATER**
- STORMWATER SERVICES ARE TO BE IN ACCORDANCE WITH "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS", "GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS" AND LOCAL AUTHORITY REQUIREMENTS.
  - UPVC S88 PIPES TO BE USED FOR STORM WATER SEWER LAYOUT.

**WASTEWATER - LEGEND**

- PROPOSED FOUL SEWER: Solid blue line with a blue circle at the end.
- EXISTING FOUL: Dashed red line with a red circle at the end.
- INSPECTION CHAMBER: Yellow circle with a yellow dot in the center.

**STORMWATER - LEGEND**

- PROPOSED STORM SEWER: Solid red line with a red circle at the end.
- EXISTING STORM SEWER: Dashed black line with a black circle at the end.
- INSPECTION CHAMBER: Red circle with a red dot in the center.
- LAND DRAIN: Dashed blue line with an arrowhead pointing right.
- ROAD GULLY: Blue line with a rectangular symbol representing a gully.
- ATTENUATION TANK: Rectangular area with a brick-like pattern.
- BIO SWALE WITH OPEN GRATED MANHOLE: Blue line with a rectangular symbol representing a manhole.
- PERMEABLE PAVING: Area with a cross-hatch pattern.
- PRE CAST CONCRETE HEAD WALL: L-shaped symbol.
- PROPOSED TREE PIT/ BIORETENTION RAIN GARDEN: Green circle with a tree symbol.
- OIL SEPARATOR: Blue circle with a white dot in the center.
- INLET KERB: Pink dashed line.

**PROPOSED STORM AND FOUL DRAINAGE - GENERAL LAYOUT**  
SCALE 1:1250

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DESCRIPTION	REV	DATE
FIRST ISSUE	00	05/26

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**STAGE:**  
S2 - FOR INFORMATION

<b>DRAWN BY:</b> DO	<b>APPROVED BY:</b> CK	<b>AKM JOB NUMBER:</b> 25051
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<b>PROJECT TITLE:</b> 25051 - FINGAL MOORETOWN PHASE 2		
<b>DRAWING TITLE:</b> PROPOSED STORM AND FOUL DRAINAGE - GENERAL LAYOUT		
<b>CLIENT:</b> FINGAL COUNTY COUNCIL		