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- Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.
- All Levels refer to Ordnance Survey Datum, Malin Head.

Foul Sewer Notes:

- All foul sewer works shall be carried out in accordance with Irish Water Standard Details and Code of Practice for Wastewater Infrastructure Document CDS-5030-03.
- All pipe materials shall comply with Section 3.13 of the Irish Water Code of Practice for Wastewater Infrastructure Document CDS-5030-03.
- Foul sewer service connections and inspection chambers to each dwelling shall be in accordance with Irish Water standard detail STD-WW-02.
- All manhole chambers shall be in accordance with Irish Water standard detail STD-WW-10.
- Trench backfill and bedding shall be in accordance with Irish Water standard detail STD-WW-07.
- Concrete bed, haunch and surround shall be in accordance with Irish Water standard detail STD-WW-08.
- Separation distances from other services, boundary walls etc. shall be in accordance with Irish Water standard detail STD-WW-05.
- Separation distances from trees, shrubs etc. shall be in accordance with Irish Water standard detail STD-WW-06 & 06A.

Storm Sewer Notes:

- All pipe materials shall comply with Section 3.13 of the Irish Water Code of Practice for Wastewater Infrastructure Document CDS-5030-03.
- All manhole chambers shall be in accordance with Irish Water standard detail STD-WW-10.
- Trench backfill and bedding shall be in accordance with Irish Water standard detail STD-WW-07.
- Concrete bed, haunch and surround shall be in accordance with Irish Water standard detail STD-WW-08.

Watermain Notes:

- All watermain works shall be carried out in accordance with Irish Water Standard Details and Code of Practice for Water Infrastructure Document CDS-5020-03.
- All pipe materials shall be in compliance with Section 3.9 of Irish Water Code of Practice Document CDS-5020-03.
- Individual water service connections and boundary boxes to each dwelling shall be in compliance with Irish Water standard detail STD-W-02.
- Separation distances from other services, boundary walls etc. shall be in accordance with Irish Water standard detail STD-W-11.
- Separation distances from trees, shrubs etc. shall be in accordance with Irish Water standard detail STD-W-12 & 12A.
- On line and off-line air valve details shall be in accordance with Irish Water standard detail STD-W-22 & STD-W-23 respectively.
- Sluice valve details shall be in accordance with Irish Water standard detail STD-W-15.
- On line and off-line hydrant details shall be in accordance with Irish Water standard detail STD-W-18 & STD-W-19 respectively.
- Scour valve and chamber details shall be in accordance with Irish Water standard detail STD-W-30.

Rev	Date	Chk	App	Amendment / Issue
P07	24.11.21	PM/MB	DM	ISSUE FOR PLANNING
P06	19.11.21	PM/MB	DM	ISSUE FOR LA REVIEW

Client



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Project: SHB 3
 ATHY, CO. KILDARE

Title: WATERMAIN LAYOUT

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 1:1000 @ A3
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MINIMUM 20l/s FLOW REQUIRED FROM HYDRANTS FOR FIRE FIGHTING PURPOSES AT MULTI-OCCUPIED HOUSING DEVELOPMENTS AS PER "NATIONAL GUIDANCE DOCUMENT FOR THE PROVISION OF WATER FOR FIRE FIGHTING - WATER UK 3rd EDITION". HYDRANTS TO BE TESTED ON COMPLETION OF WATERMAIN. TANK TO BE SIZED BASED ON WATER PRESSURE WITHIN THE NEW NETWORK. IF 20l/s IS ACHIEVED, STATIC WATER MAY NOT BE REQUIRED SUBJECT TO AGREEMENT WITH THE LOCAL AUTHORITY.

72m³ STATIC STORAGE TANK WILL PROVIDE A FLOW OF 20l/s FOR 1 HOUR

NOTE: FOR APARTMENT BUILDINGS A BOOSTED WATER SUPPLY SYSTEM IS TO BE PROVIDED USING A CONNECTION VIA AN UNRESTRICTED AIR-GAP DEVICE (AA TYPE DEVICE, IS EN 1717) IN ACCORDANCE WITH SECTION 3.13 OF THE WATER CODE OF PRACTICE. METER IS TO BE SELECTED, SUPPLIED AND FITTED BY IW

LEGEND

- SITE BOUNDARY 
- EXISTING 250mm uPVC WATER MAIN 
- PROPOSED 150mm WATERMAIN (STD-W-13) 
- PROPOSED SERVICE CONNECTION 25mm HDPE (STD-W-03) 
- PROPOSED SERVICE CONNECTION 80mm HDPE (STD-W-03) 
- PROPOSED SLUICE VALVE (STD-W-07) 
- PROPOSED HYDRANT (STD-W-18 / STD-W-19) 
- PROPOSED AIR VALVE (STD-W-22 / STD-W-23) 
- PROPOSED SCOUR VALVE (STD-W-30) 
- PROPOSED BULK FLOW METER AND ASSOCIATED TELEMTRY SYSTEM (STD-W-26) 
- PROPOSED BOUNDARY BOX (STD-W-03) 
- PROPOSED THRUST BLOCK 

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