

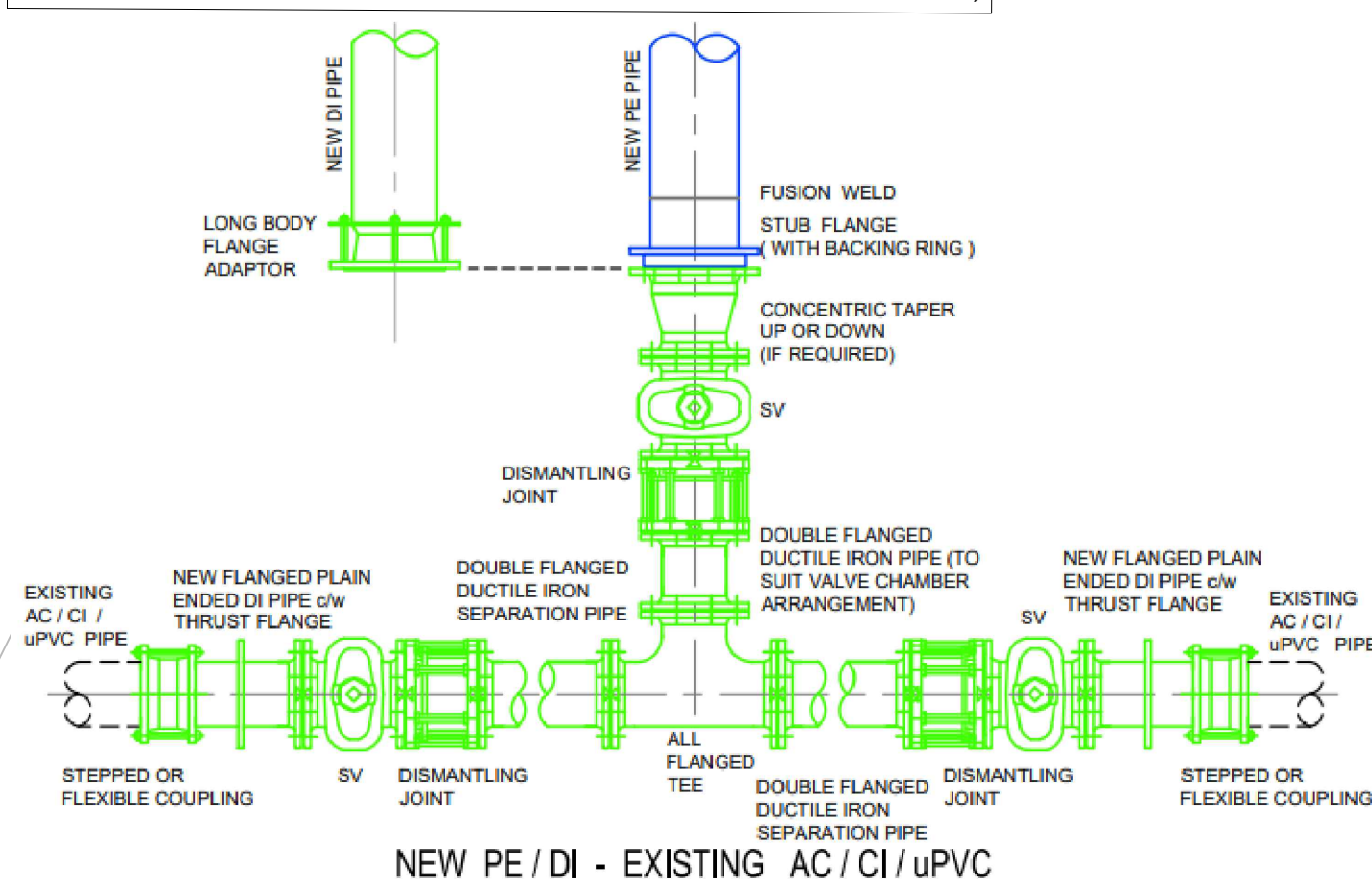
EXISTING 250mm Ø uPVC WATERMAIN ON THE BALLYMONEEN ROAD
PROPOSED CONNECTION DETAIL SHOWN BELOW (STD-W-05 GENERAL PIPE CONNECTIONS)

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

PROPOSED CONNECTION DETAIL (STD-W-05 GENERAL PIPE CONNECTIONS)



NEW PE / DI - EXISTING AC / CI / uPVC

- 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 the Irish Water Code of Practice for Wastewater Infrastructure Document CDS-5030-03.
 - Foul sewer service connections and inspection chambers shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - All manhole chambers shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Trench backfill and bedding shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Concrete bed, haunch and surround shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Separation distances from other services, boundary walls etc. shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Separation distances from trees, shrubs etc. shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.

- Storm Sewer Notes:
- All pipe materials shall comply with Irish Water Code of Practice for Wastewater Infrastructure Document CDS-5030-03.
 - All manhole chambers shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Trench backfill and bedding shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Concrete bed, haunch and surround shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.

- 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 shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Separation distances from other services, boundary walls etc. shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Separation distances from trees, shrubs etc. shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - On line and off-line air valve details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Sluice valve details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - On line and off-line hydrant details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 - Scour valve and chamber details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.

P04	31.08.21	CS	PM	Issue for Stage Approval	OK
Rev	Date	Chk	App	Amendment / Issue	App

Client	Galway City Council
Project	Housing Development , Keeraun, Ballymoneen Road, Galway
Title	Watermain Layout
Model File Identifier	MGC0716-RPS-00-XX-C-DR0003
File Identifier	MGC0716-RPS-00-XX-C-DR0003-01
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Sheets	01 of 02
Scale	1:250 @ A1 1:500 @ A3
Status	S4
Rev	P05