

THRUST BLOCKS NOT SHOWN FOR CLARITY.

QUALITY ASSURANCE PURPOSES.

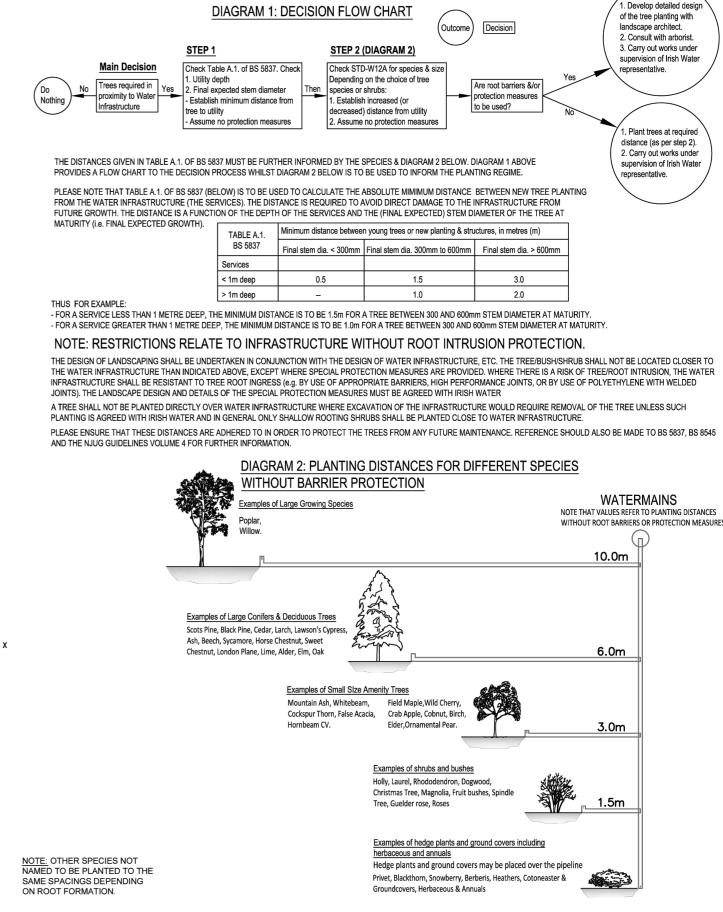
THE INSTALLATION. CERTIFICATION AND TESTING (INCLUDING INDEPENDENT THIRD PARTY CERTIFICATION) SHALL BE PROVIDED TO

CONFIRM QUALITY ASSURANCE COMPLIANCE. EACH JOINT SHALL BE CLEARLY MARKED WITH THE JOINT LOGGED AUTOMATICALLY ON TH

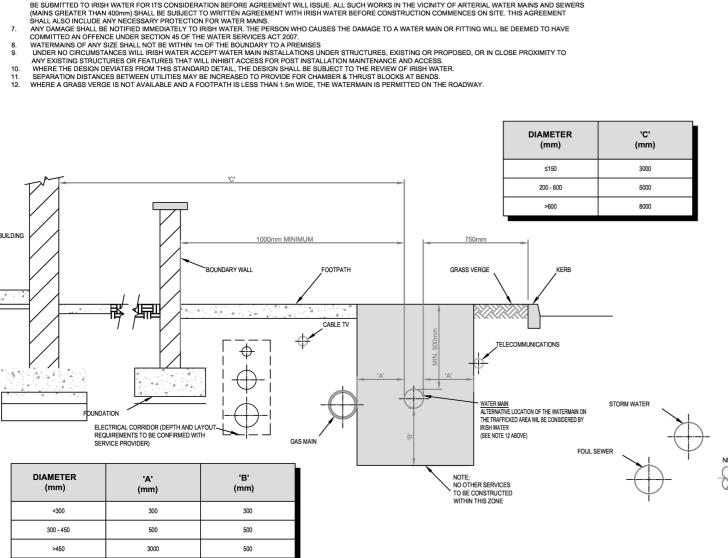
JOINTING MACHINE. A PRINTOUT OF THE JOINT DETAILS, WITH A GPS

LOCATION OF EACH JOINT, SHALL BE PROVIDED AND RETAINED FOR





STD-W-12A RESTRICTIONS ON NEW TREES/SHRUBS PLANTING ADJACENT TO WATER MAINS



SEPARATION DISTANCES BETWEEN WATERMAINS ASSOCIATED WITH THE WORKS FROM OTHER UTILITY PIPES AND ACCESSORIES SHALL BE IN ACCORDANCE WITH SECTION 3.6 OF THE CODE OF PRACTICE. SEPARATION DISTANCES FOR ALL NEW INSTALLATIONS FROM EXISTING IRISH WATER PIPES SHALL BE AS OUTLINED IN SECTION 3.27 OF THE CODE OF PRACTICE. THE SEPARATION DISTANCES ARE MINIMUM DISTANCES.

SPECIFIC SEPARATION OLEARANCE DISTANCES IN EXCESS OF THESE MINIMA SHALL BE PROVIDED FOR SERVICES SUCH AS GAS, ELECTRICITY, FIBRE-OPTIC OR OIL FILLED CABLES AS THE CASE MAY BE. THE PARTICULAR UTILITY PROVIDERS SHALL BE CONSULTED TO DETERMINE THESE MINIMUM SEPARATION DISTANCES AND EVIDENCE OF THIS CONSULTATION, WITH THE SPECIFIED SEPARATION DISTANCES, SHALL BE PROVIDED TO IRISH WATER AT DESIGN STAGE.

WATERMAIN (PROPOSED) SEPARATION DISTANCES

HORIZONTAL
IN THE CASE OF INSTALLATIONS IN CLOSE PROXIMITY TO EXISTING WATER MAINS AND SEWERS, THE FOLLOWING MINIMUM HORIZONTAL DISTANCES SHALL BE MAINTAINED BETWEEN PIPES/DUCTS,
CABINETS, POLES, MANHOLES, JUNCTION BOXES, CHAMBERS, ETC. WHERE THE DEPTH OF THE EXISTING INFRASTRUCTURE DOES NOT EXCEED 1.5m
600mm AT EITHER SIDE OF MAINS UP TO AND INCLUDING 150mm DIAMETER;

WHERE DUCTS OR PIPES ARE TO BE LAID CLOSE TO AN EXISTING WATERMAIN OR SEWER IN THE OWNERSHIP OF IRISH WATER. NOTIFICATION IN WRITING SHALL BE PROVIDED A MINIMUM

OF 10 DAYS AHEAD OF ADVANCEMENT OF THE WORK. THIS ALSO APPLIES WHERE THE DEPTH OF THE IRISH WATER WATERMAIN OR SEWER EXCEEDS 1.5m. IN ALL OF THESE INSTANCES, SPECIFIC WRITTEN APPROVAL WILL BE REQUIRED FROM IRISH WATER BEFORE PROCEEDING WITH THE WORK NOTIFICATION IN WRITING IS REQUIRED SHOULD WORKS BE WITHIN 1.5m DISTANCE OF A WASTEN THE WORK REQUIRED SHOULD WORKS BE WITHIN 1.5m DISTANCE OF A WASTEN THE WORK REQUIRED SHOULD WORKS BE WITHIN 1.5m DISTANCE OF A WASTEN THE WORK REQUIREMENTS SHALL ALSO APPLY TO TRIAL HOLES OR SLIT TRENCHES TO LOCATE THE MAIN OR GAIN GROUND INFO DATA.

NOTIFICATION IN WRITING IS REQUIRED SHOULD WORKS BE WITHIN THE FOLLOWING DISTANCES FROM AN EXISTING WATER MAIN OR WASTEWATER RISING MAIN

DEVELOPERS SHALL ALSO COMPLY WITH ANY NOTIFICATION REQUIREMENTS OF OTHER UTILITY PROVIDERS (ESB, GAS MAIN, TELECOMMUNICATION ETC).
DETAILED PROPOSALS, INCLUDING WORK METHOD STATEMENTS, INSURANCE CONFIRMATION AND DETAILS OF WORK COMPLETED OF A SIMILAR NATURE MUST

MATERMAIN (PROPOSEU) SEFONDION HORIZONTAL
300mm TO DISTRIBUTION MAINS OF LESS THAN 300mm DIAMETER.
500mm TO TRUNK MAINS BETWEEN 300mm AND 450mm DIAMETER.
3m TO ARTERIAL WATER MAINS OF GREATER THAN 450mm DIAMETER.

ANY PROPOSED PIPE CROSSING SHOULD BE LOCATED MID-WAY BETWEEN THE WATER JOINTS WITH MINIMUM

CLEAR DISTANCE OF 300mm AND UP TO 500mm. ALL CROSSINGS SHOULD BE AT LEAST 500mm AWAY FROM FITTINGS OR JOINTS

LARGER DIAMETERS >300mm DISTRIBUTION AND TRUNK MAINS, IRISH WATER MUST BE NOTIFIED AT LEAST 1 MONTH IN ADVANCE

STD-W-11 TYPICAL SERVICE LAYOUT

INDICATING SEPARATION DISTANCES.

VERTICAL
300mm TO DISTRIBUTION MAINS OF LESS THAN 300mm DIAMETER.

1m AT EITHER SIDE OF MAINS OF 200mm TO 250Mmm DIAMETER; 2m AT EITHER SIDE OF MAINS OF 300mm AND 375mm DIAMETER;

5m AT EITHER SIDE OF MAINS OF 400mm AND 450mm DIAMETER SPECIFIC IRISH WATER ADVISED DISTANCES FOR MAINS IN EXCESS OF 450mm

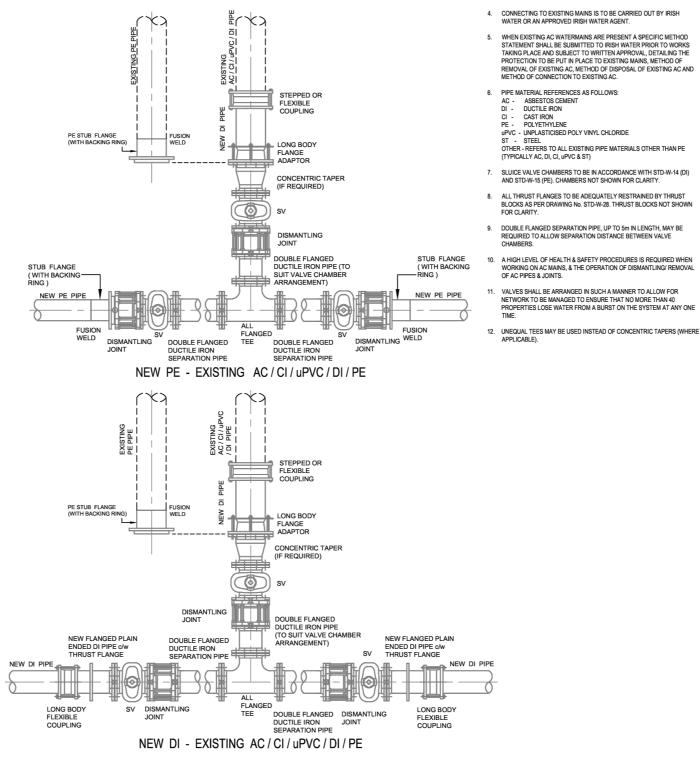
HORIZONTAL

1m AT EITHER SIDE OF EXISTING PIPES LESS THAN 200mm DIAMETER;

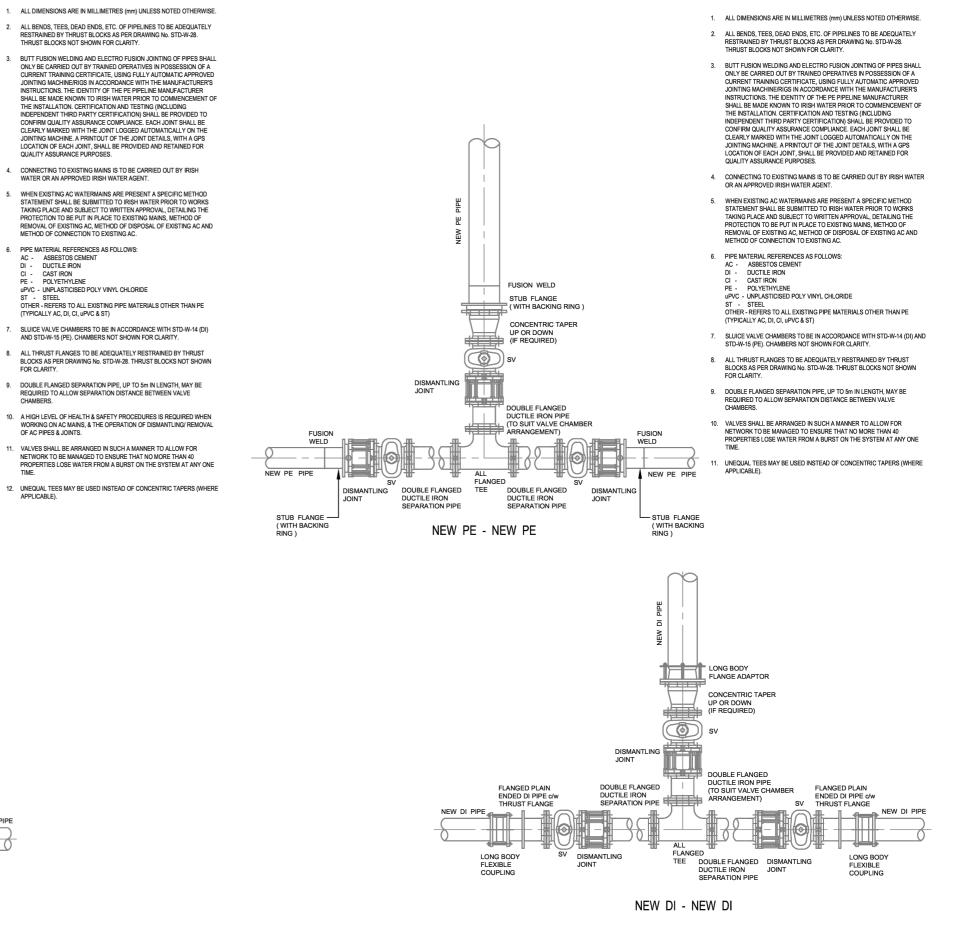
2m AT EITHER SIDE OF EXISTING PIPES OF 200mm TO 350mm DIAMETÉR; 5m AT EITHER SIDE OF EXISTING PIPES OF 350mm OR GREATER;

600mm AT EITHER SIDE OF GRAVITY SEWER UP TO AND INCLUDING 225mm DIAMETER: 1m AT EITHER SIDE OF GRAVITY SEWER OF 300mm AND UP TO 450mm DIAMETER 1.5m AT EITHER SIDE OF GRAVITY SEWERS OF 600mm DIAMETER AND GREATER

WHERE THE DEPTH OF THE EXISTING INFRASTRUCTURE DOES NOT EXCEED 1.5m:



STD-W-06 GENERAL PIPE CONNECTIONS.



STD-W-07 GENERAL PIPE CONNECTIONS

PLANNING DRAWING. NOT FOR CONSTRUCTION.

ALL LEVELS GIVEN ARE

RELATIVE TO ORDNANCE DATUM. THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

Date REVISION NOTE Drn. By Chkd. By Client NOTES ISSUED FOR STAGE 2 PLANNING Project 1. For setting out refer to Architect's drawings. ISSUED FOR STAGE 3 PLANNING JS This drawing to be read in conjunction with all other Architectural and Engineering 28.06.2024 JF drawings and all other relevant drawings and Specifications. 23.07.2024 ISSUED FOR REVIEW JS P3 JF DO NOT SCALE THIS DRAWING. Use figured dimensions only. ISSUED FOR REVIEW P4 08.08.2024 JF GF No part of this document may be reproduced or transmitted in any P5 13.08.2024 ISSUED FOR PLANNING SUBMISSION JS GF form or stored in any retrieval system of any nature without the written permission as copyright holder except as agreed for use on the project for which the document was originally issued. Dwg. No. Ordnance Survey Ireland Licence Number EN 0074024

LDA Clongriffin Blocks 5 & 6 Watermain Details Sheet 2 of 3 CLN-CSC-XX-XX-DR-C-0136 **P5** JF NB AS SHOWN @ A1 MAY 2024 JS

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