



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED, WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
 - CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
- NOTES ON WATERMAIN:**
- POSITION OF ANY SERVICES SHOWN ARE INDICATIVE ONLY. THE SETTING-OUT OF ALL SERVICES INDICATED IS THE RESPONSIBILITY OF THE CONTRACTOR, AND HEREIN SHALL SATISFY THEMSELVES THAT THE REQUIRED DEPTH OF COVER AND SEPARATION DISTANCES ARE ACHIEVED IN ACCORDANCE WITH THE IRISH WATER CODES OF PRACTICE AND STANDARD DETAILS.
 - ALL FOUL DRAINAGE & WATERMANS OUTSIDE THE BUILDING FOOTPRINT ARE TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER DETAILS & CODES OF PRACTICE.
 - THE CONTRACTOR SHALL REVIEW THE PLAN LAYOUT PRIOR TO COMMENCEMENT HAVING REGARD TO THE REQUIREMENTS OF THE IRISH WATER CODES OF PRACTICE AND STANDARD DETAILS PUBLISHED BY IRISH WATER, WHERE A DISCREPANCY BETWEEN THESE PLAN LAYOUT DRAWINGS AND THE RELEVANT REQUIREMENTS OF THE CODES OF PRACTICE OR STANDARD DETAILS IS IDENTIFIED AS PART OF THIS REVIEW, THE CONTRACTOR MUST CONSULT BMCE PRIOR TO COMMENCING CONSTRUCTION, SO THAT AN APPROPRIATE DESIGN AMENDMENT CAN BE MADE IF NECESSARY.
 - ALL WATERMAIN PIPES MUST COMPLY WITH IW REQUIREMENTS AND MIN COVER OF 900mm. USE HOPE PE-80 SR17 WATERMAIN UNLESS NOTED OTHERWISE. WATERMANS TO BE LOCATED TYPICALLY IN FOOTPATH / VERGE 1000mm MINIMUM CLEAR FROM THE HOUSE BOUNDARY (ON SHARED SURFACES 500mm).
 - FIRE HYDRANT LOCATIONS SUBJECT TO FIRE CERT REQUIREMENTS.

CIVIL LEGEND

EX. WATERMAIN	---
WATERMAIN (HOPE SR17)	---
SLUICE VALVE	SV
STOP COCK	SC
AIR VALVE	AV
FIRE HYDRANT	H
MAGNETIC FLOW WATER METER	M
IRRIGATION VALVE	IV
I.W. APPROVED BOUNDARY BOX	IB
SCOUR VALVE	SV
TRUST BLOCK	*
WORK, DUCTED TO THE BULK FLOW METER, IN ACCORDANCE WITH IW DETAIL STD-W-36	---(WORK)
WORK, DUCTED TO THE BULK FLOW METER, IN ACCORDANCE WITH IW DETAIL STD-W-36	---(WORK)
EXISTING GROUND LEVEL, INDICATED THIS	+41.50

NOTES:

- TYPICAL JUNCTION LAYOUT:

NOTE: THE CONTRACTOR SHALL CONSTRUCT ALL FOUL DRAINAGE AND WATERMANS IN ACCORDANCE WITH THE LATEST IRISH WATER STANDARD DETAILS AND CODES OF PRACTICE. POSITIONS OF SERVICES SHOWN ARE INDICATIVE ONLY. THE SETTING-OUT OF ALL SERVICES INDICATED IS THE RESPONSIBILITY OF THE CONTRACTOR, AND HEREIN SHALL SATISFY THEMSELVES THAT THE REQUIRED DEPTH OF COVER AND SEPARATION DISTANCES ARE ACHIEVED IN ACCORDANCE WITH THE IRISH WATER CODES OF PRACTICE AND STANDARD DETAILS. THE CONTRACTOR SHALL REVIEW THE PLAN LAYOUT PRIOR TO COMMENCEMENT HAVING REGARD TO THE REQUIREMENTS OF THE CODES OF PRACTICE AND STANDARD DETAILS PUBLISHED BY IRISH WATER, WHERE A DISCREPANCY BETWEEN THESE PLAN LAYOUT DRAWINGS AND THE RELEVANT REQUIREMENTS OF THE CODES OF PRACTICE OR STANDARD DETAILS IS IDENTIFIED AS PART OF THIS REVIEW, THE CONTRACTOR MUST CONSULT BMCE PRIOR TO COMMENCING CONSTRUCTION, SO THAT AN APPROPRIATE DESIGN AMENDMENT CAN BE MADE IF NECESSARY. MINIMUM SELF-CLEANING VELOCITY (1.19m/s) IS BEING ADHERED TO AS PER SECTION 3.4 OF THE WATER CODE OF PRACTICE. A MINIMUM SIZE OF 2250 WITH A MINIMUM SLOPE OF 1:150 HAS BEEN SIZED FOR THE ENTIRE SITE. THAT GETS A VELOCITY OF 1.19m/s WHICH IS IN ACCORDANCE WITH THE MINIMUM REQUIRED. WATERMAIN MATERIAL: PE80 SR17 PIPE TYPE, FULLY WELDED JOINTS.

TREE POSITIONS ON LANDSCAPING DRAWINGS TO COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12

Irish Water CDS No. CDS19005661
977No. RESIDENTIAL UNITS + OTHER USES

PL5	09.03.22	ISSUED FOR COMMENT	WK
PL4	20.02.22	ISSUED FOR COMMENT	WK
PL3	17.12.21	ISSUED FOR COMMENT	WK
ISSUE	DATE	DESCRIPTION	BY

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PLANNING

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ACEI The Institution of Structural Engineers

CLIENT: LAND DEVELOPMENT AGENCY

PROJECT TITLE: DUNDRUM CENTRAL DEVELOPMENT BM PROJECT No: 20.170

DRAWING TITLE: BURIED WATERMAIN LAYOUT

DRAWING REFERENCE: DCD-BMD-00-00-DR-C-1040	STATUS: PLS	REVISION:
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BURIED WATERMAIN LAYOUT
SCALE @ A2: 1:500 @ A0
SCALE @ A1: 1:1000 @ A2