

UNDER GROUND SERVICES LEGEND

SITE BOUNDARY shown thus

PROPOSED ON-LINE FIRE HYDRANT  
(IW-STD-W-18) shown thus

PROPOSED SLUICE VALVE  
(IW-STD-W-15) shown thus

PROPOSED SCOUR VALVE  
(IW-STD-W-30B) shown thus

PROPOSED DOUBLE AIR VALVE  
(IW-STD-W-22) shown thus

PROPOSED BULK WATER METER  
(IW-STD-W-XX) shown thus

WATERMAIN SUPPLY Ø 110mm OUTSIDE  
DIAMETER PE100, PIPE MATERIAL  
SHALL BE IN COMPLIANCE WITH IRISH  
WATER SECTION 3.9 OF THE CODE OF  
PRACTICE shown thus

WATERMAIN SUPPLY Ø 180mm OUTSIDE  
DIAMETER PE100, PIPE MATERIAL  
SHALL BE IN COMPLIANCE WITH IRISH  
WATER SECTION 3.9 OF THE CODE OF  
PRACTICE shown thus

EXISTING Ø 150MM INSIDE DIAMETER  
uPVC WATERMAIN shown thus

PROPOSED WATER SUPPLY  
CONNECTION  
(25mm O.D. PE PIPE) shown thus

PROPOSED LEVELS shown thus

46M HYDRANT RADIUS shown thus

SITE BOUNDARY shown thus

PROPOSED 1200MM D400 STORM/FOUL  
MANHOLE shown thus

PROPOSED DROPPED INVERT 1200MM  
D400 STORM/FOUL MANHOLE shown thus

PROPOSED CONCRETE SURROUND FOR  
LOW COVER STORM/FOUL PIPES shown  
thus

PROPOSED STORM WATER NETWORK  
shown thus

PROPOSED FOUL NETWORK shown thus

PROPOSED SURFACE WATER  
CONNECTIONS shown thus

PROPOSED FOUL WATER CONNECTIONS  
shown thus

PROPOSED STORM/FOUL WATER AJs  
shown thus

PROPOSED STORM/FOUL WATER  
BOUNDARY BOX TO IW-STD-WW-13  
shown thus

PROPOSED ROAD GULLIES shown thus

EXISTING STORM WATER PIPE shown thus

EXISTING FOUL WATER PIPE shown thus

LANDSCAPE LEGEND

- 28 NO. ACER CAMPESTRE  
STREET TREE DETAIL 16-18 CM GIRTH  
SEE LD03
- 30 NO. ACER CAMPESTRE 14 -16CM GIRTH  
SEE LD04
- 12 NO. PLATANUS X HISPANICA 'ALPHENS GLOBE' 14-16 CM GIRTH  
SEE LD04
- 12 NO. AESCULUS X CARNEA 14-16 CM GIRTH  
SEE LD04
- 70 NO. POPULUS TREMULA 14-16 CM GIRTH  
SEE LD 04
- RETAIN AND REJUVINATE EXISTING HEDGEROW  
SEE LD 05

NOTE:  
WITH REGARD TO SERVICES IN DRIVEWAYS  
TO HOUSES, THESE CAN BE ADJUSTED AT THE  
DETAILED DESIGN STAGE TO ENSURE  
SERVICES ARE NOT LOCATED IN THE EXCLUSION  
ZONE SET OUT BY IRISH WATER AND ARE OUTSIDE  
OF THE MINIMUM DISTANCES SET OUT BELOW  
BY IRISH WATER.

WHERE ROOT PROTECTION AND ROOT BARRIERS  
ARE REQUIRED THESE WILL BE PROVIDED TO  
PROTECT UNDERGROUND SERVICES LOCATED  
IN THE VICINITY OF TREES IN COMPLIANCE  
WITH IRISH WATER DESIGN GUIDANCE.  
SEE LD 03 FOR ROOT PROTECTION AND ROOT  
BARRIER DETAILS.

TABLE A.1. BS 5837	Minimum distance between young trees or new planting & structures, in metres (m)		
	Final stem dia. < 300mm	Final stem dia. 300mm to 600mm	Final stem dia. > 600mm
Services			
< 1m deep	0.5	1.5	3.0
> 1m deep	-	1.0	2.0

REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT			
Uisce DRAINAGE WATER	TITLE	STANDARD DETAILS - WATER	
		NOT TO SCALE	DATE
011117	RESTRICTIONS ON NEW TREES / SHRUBS PLANTING ADJACENT TO WATER MAINS	STD-W-12A	0

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  - Use figured dimensions only.
  - All dimensions are to face of block or brick or stud typically unless noted otherwise.
  - Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.
  - All fire stopping to be carried out with an approved fire stopping contractor in accordance with manufacturers detail.
  - Drawings to be read in conjunction with fire compliance report & all other contract documents.
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01  
rev.

19/04/2024  
date

LRD Stage 2  
description

MF  
by

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CLIENT

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PROJECT

Caltragh LRD

DRAWING

Combined Service and Tree Location Plan

DRG. No.

22110-XXXX-XXX-DR-RHA-LA-02720

STAGE

LRD S2

STATUS

P3

REV

01

DATE

19/04/2024

DRAWN BY

IMF

APPROVED

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Job No.

22110

SCALE

1:250

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