



Proposed Onsite Water Mains		
Section	Size & Material	Length
A - B	90mm HPPE SDR17	45m
B - C	63mm MDPE SDR11	60m
B - D	90mm HPPE SDR17	79m
D - E	63mm MDPE SDR11	14m
D - F	63mm MDPE SDR11	12m
G - H	90mm HPPE SDR17	85m

NOTES

- 1 - There should be an easement of at least 2m either side of the proposed water mains. The footings of any building within the easement area should be at least 1.5m deep.
- 2 - Service connection points and duct placements on the drawing are for indicative purposes only to aid in identifying the number of connections and ducts required. These positions are subject to change based on site specific requirements and/or changes in the water mains or site layout. The Developer is responsible for informing ICOSA Water of any design changes.
- 3 - Do not scale from this drawing. For any discrepancies or omissions the contractor shall notify the Network Engineer prior to works commencing.
- 4 - All materials to be in accordance with the specifications set out in the Civil Engineering Specification for the Water Industry (7th Edition) and are to be installed with the manufacturers specifications.
- 5 - All water mains to be installed with 900mm (min) cover to finished surface.
- 6 - All pipe work and fittings to be 10 bar SDR17 (minimum) items unless otherwise stated. All Ductile Iron fittings to be NP16 (minimum).
- 7 - Maximum static pressure in the existing water main is ??m head.
- 8 - The positioning of new water mains is to be in accordance with the national joint utilities group guidelines.

Project Name

PHASE 3
TODDINGTON LANE
LITTLEHAMPTON

Client



Designed by



ICOSA WATER LTD
DEVELOPER SERVICES
FOCAL POINT
27-35 FLEET STREET
SWINDON
SN1 1RQ

Legend

Existing Water Main

Proposed Water Main

Proposed Service Connection

Proposed Water Meter

Fitting

Sluice Valve

Fire Hydrant

Washout Hydrant

Inline Fire Hydrant

Air Valve

Existing

Proposed

ISV

IFH

WO

IFH

AV

ISV

IFH

WO

IFH

AV

Grid Reference

503352 - 104100

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This information shown on this drawing is based on the best available information but the actual position of all apparatus must be regarded as approximate and MUST be established by trial holes.
No liability is accepted for any error or omission.

Title

PROPOSED
WATER MAINS
DETAILED DESIGN

Scale A1

1/500

Datum

DATUM

Scale A3

1/1000

Project Code

20-006

Drawing No

001

Rev

04

04

CONSTRUCTION ISSUE

03

DETAILED DESIGN

02

REVISED DESIGN

01

OUTLINE DESIGN

Description

Auth

Ckd

Appd

Date

CADREF

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APRA DISTRICT COUNCIL LUT20240002