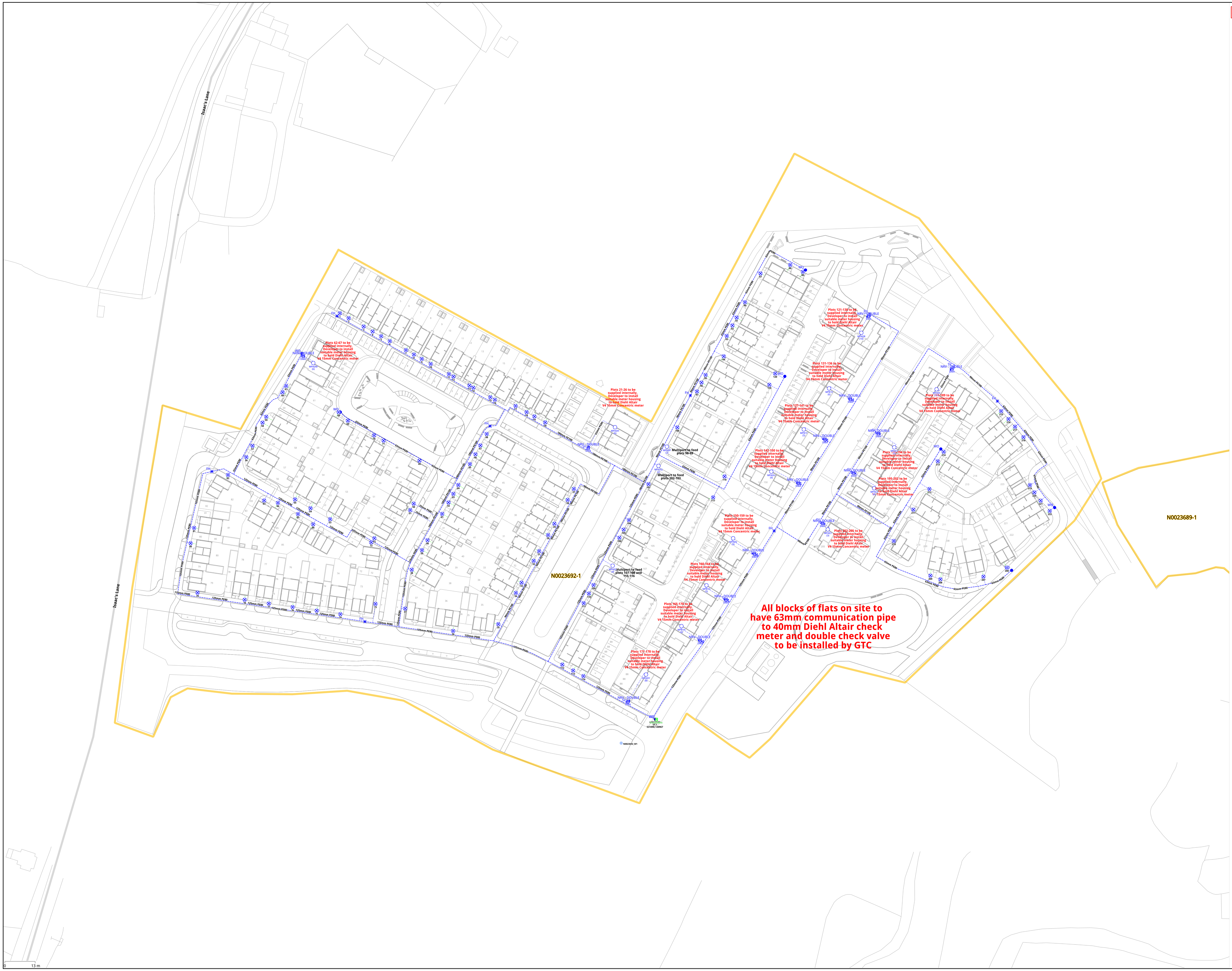
N0023692_E1 RH15 8RA

NAV NOT APPROVED



Plots 62-67 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 21-26 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Multiport to feed plots 98-99

Multiport to feed plots 102-103

Multiport to feed plots 107-108 and 115-116

Plots 121-130 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 131-136 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 137-141 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 142-150 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 150-159 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 160-164 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 165-170 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 171-178 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 179-189 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 190-194 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 195-202 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

Plots 202-205 to be supplied internally. Developer to install suitable meter housing to hold Diehl Altair V4 15mm Concentric meter

All blocks of flats on site to have 63mm communication pipe to 40mm Diehl Altair check meter and double check valve to be installed by GTC

NICHOLA LARGE 16-03-2023

This design is across multiple drawings for details please refer to all drawings.

Potable Water Notes

All mains and services must be laid using an approved PE or PE Barrier pipe. When using PE Barrier pipe all joints & fittings must be wrapped in accordance with manufacturers instruction to prevent ingress of contamination into the water pipes. Underground meter boxes must be installed using female iron couplings. All mains & services (other than 32mm/25mm services) must be installed by 'IWNL' approved personnel only, and mains installed by non-approved personnel will not comply with water / HSE regulations and will need to be replaced.
All external pipes and internal plumbing must comply with the Water Supply (Water Fittings) Regulations 1999 Schedule 2 and the Water Supply (Water Quality) Regulations 2001.
Confirm with the designer before ordering.

PE & Barrier Pipe Scpecification

Up to and including 63mm PE80 (MDPE), SDR11
90mm up to 315mm PR100 (HPPE) SDR17.6

Ducting Specification

All duction should be supplied and installed in accordance with BS4962 is a suitable standard for plastic ducting.

- Ducting can only be used for perpendicular carriageway crossings.
- Only one pipe is allowed per duct.
- For service pipe that duct must be blue and perforated along it's entire length.

Duct Sizes

Water Pipe External Diameter	Duct Inside Diameter
25mm & 32mm	100mm
63mm	150mm
90mm, 110mm & 125mm	200mm
160mm & 180mm	300mm
225mm & 315mm	450mm

All pipes, fittings and valves must meet technical specifications:
BS6437 - 1984; BS6572 - 1985; BS5306:Part 2 - 1990;
WIS 4-24-01 - 1998; WIS 4-32-08 - Issue 3: April 2002;
WIS 4-32-14 - 1995; WIS 4-32-15 - 1995; WIS 4-32-17 - Issue 2 - 2001;
DIN8074 - 1999; DIN8075 - 1999; DIN16963 Part 1 - 1980;
ISO 4427 - 1996; BS EN 12201; BS EN 132244; UNI 19010:2001

Contaminated Ground Conditions

Should the land on which the development is taking place to be contaminated, all underground pipes and fittings installed in conjunction with water mains and service connection will need to be of suitable material to meet the manufacturers specifications which are not adversely affected by the geotechnical conditions. The developer will ensure that the service pipe material and fittings used on site are fit for purpose and suitable for use within contaminated land. In the event that contaminated land is discovered during construction then work should be stopped until the nature of the contamination is identified and alternative protective coated materials provided to allow continuation of main laying.

Proposed Services

Developer to pre-install all services up to and including 32mm at depth of 750mm deep and not greater than 1350mm from finished surface level. Where laying in contaminated land using a barrier pipe or ductile iron, corresponding service pipe must also be of a barrier type.

Proposed Mains

All mains to be laid in pre-excavated trench tp 900mmm cover, provided by the developer. Road crossings to be continuous plastic duct or drainage pipe sized to accomodate the mains shown on the drawing, at 900mm cover to the finished level.

	Proposed	Laid
Water Mains	- - - - -	———
Services	- - ⊗ - -	—⊗—
Water Mains (Incumbent)	- - - - -	———
Ducted Pipe	———	
Excavated by BUUK Contractors	———	
Asset Boundary	———	
Upstream Connection	💧	
Change of Pipe Size/Material	▼	
Gun Metal Manifold & Chamber (With Number of Meters)		
Multi Port Box (With Number of Meters)		
Barrier Area	⊞	
Exclusion Area	▨	

Burst	✸
Pot Booster	△
Non Return Valve	▶|
Wash out Hydrant	WO ●
Sluice Valve	SV ⧗
Air Valve	AV ◆
Fire Hydrant	FH ✳
Pressure Reducing Valve	
Non Domestic Meter	M
Domestic Meter	⊗

PE: Polyethylene BP: Barrier Pipe DI: Ductile Iron
Abandoned To Disconnect ✕ ✕ ✕

Plan Notes

This plan shows apparatus owned by the BUUK Group. Any third party apparatus indicated on these drawings is shown for indicative purposes only. The information shown on this plan is given without warranty, the accuracy cannot be guarenteed. No liability of any kind whatsoever is accepted by the company. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of apparatus. This plan is reproduced by the permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2007. All rights reserved Ordnance Survey Licence number 0100021063.

Developers Responsibility

When apparatus have been laid it becomes the responsibility of the developer to ensure it is suitably protected, therefire backfilling should be carried out as soon as possible. Replacement and repair of damaged apparatus, including administrative costs will be fully recharged to the developer. It will be the developer's responsibilityto recover the costs from the third parties.

Revision Notes

For a revision history of this network design please see seperate revision history document.

gtc

Independent Water Networks

Last Edit By:	
Last Approved By:	

Unapproved Variation

OS Ref:
531073,121067

Location:
1.5 and 1.6 Northern Arc,
Isaac's Lane, Fairbridge
Way, BURGESS HILL, West
Sussex, RH15 8RA

Developer/Client:
Bellway Homes

Drawing Number/Title:
WN0023692-1_1_of_1_appendix

Network Number:	Project Number:
N0023692	N0023692-1

Scale:	Sheet Size:	Revision:
1:500	A0	-