



PLEASE NOTE - BIN STORE CONNECTIONS MUST HAVE DOUBLE CHECK VALVES INSTALLED BY THE DEVELOPER AND TAPS MUST BE IN LOCKABLE BOXES OR LOCKED AREAS INACCESSIBLE TO NON-HOMEOWNERS. IF THE TAPS ARE IN AREAS OPEN TO THE PUBLIC THERE MUST BE AN AIR BREAK VIA A TANK AS IT CONSTITUTES A CATEGORY 5 HIGH RISK FLUID

ONSITE PIPE SIZE (mm)	LENGTH (m)
90	841
125	75
OFFSITE PIPE SIZE (mm)	LENGTH (m)
125	TBC
TOTAL LENGTH	916

Material Specification

PE & Barrier Pipe
Up to and including 63mm PND (HDPE), 500T1+ (c/cr Blue)
63mm up to 3.1mm PE 100 (orange), 500T7+ (dark blue)
Ductile Iron
All mains with design factor above 100
All mains and services must be laid using an approved PE or Barrier Pipe. Where an approved PE Barrier pipe isn't available, a ductile iron pipe must be laid in accordance with a water discharge certificate to prevent migration of contamination into the water supply. Underground metal bore holes must be installed using female iron couplings. All mains & services (other than 3mm PND services) must be installed by WWTM. Approved personnel only may install and lay by non-approved personnel without competency under WWTM regulations and we need to be registered.
All external gas and internal plumbing must comply with the Water Supply (Water Fittings) Regulations 1999, BS6841, 2 and 3 and the Water Supply (Main Quality) Regulations 2001

- Dividing car only be used for papers
- Ask your agent or official for it

Water Temperature	Water Temperature
20°C - 25°C	20°C - 25°C
25°C - 30°C	25°C - 30°C
30°C - 35°C	30°C - 35°C
35°C - 40°C	35°C - 40°C
40°C - 45°C	40°C - 45°C
45°C - 50°C	45°C - 50°C
50°C - 55°C	50°C - 55°C
55°C - 60°C	55°C - 60°C
60°C - 65°C	60°C - 65°C
65°C - 70°C	65°C - 70°C
70°C - 75°C	70°C - 75°C
75°C - 80°C	75°C - 80°C
80°C - 85°C	80°C - 85°C
85°C - 90°C	85°C - 90°C
90°C - 95°C	90°C - 95°C
95°C - 100°C	95°C - 100°C

and valves must meet technical specifications:

85A-37, 1984, 85A572, 1-15, 85A730, 1986, 85B306, Part 2, 1990.
 WIS 4-24-01, 1995, WIS 4-32-08, Issue 3 April 2002.
 WIS 4-3-14, 1995, WIS 4-32-15, 1995, WIS 4-32-17, Issue 2, 2001, DWS0274, 1999, DWS0277, 1999.
 DIN 19883, Part 1 - 1990, ISO 4427, 1990, BG FN 12201, BG FN 13244, UNI 10910, 2001

In the event that contaminated bent is discovered during construction then work should be stopped until the nature of the contamination is identified and alternative provisions for the affected materials provided to allow continuation of road laying.

The report is shown for internal purposes only. The developer should restrict the first page only for confirmation of their location or to highlight any possible discrepancy in attendance records. The information shown on this page is given without warranty, the accuracy thereof cannot be guaranteed. No liability of any kind whatsoever is assumed by the company, its agents, servants or contractors for any error or omission. Rate changes proposed, in accordance with HSE/241, must be used to verify and establish the actual position of rates paid. Services are only after approval on site before any treatment plan is used. It is your responsibility to ensure that the information is provided to all persons (other covered workers or contractors) working for you or in your own apparatus.

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Under this plan, the user assumes the responsibility of the developer to assist in production support. Backing should be carried out as soon as possible. Any damage or theft of any item shall be delivered to site at the responsibility of the developer. Replacement and repair, including administrative costs will be fully reimbursed to the developer irrespective of who the responsible party was. It will be the developer's responsibility to recover the costs from the third parties.

Proposed Services
Developer to pre-install all services up to, and including, 12mm at a depth of 750mm deep and not greater than 1350mm from finished surface level
Where it is lying in contaminated land, using barrier pipe or ductile iron, corresponding service pipe must also be of a barrier system

continuous plastic duct or drainage pipe sized to accommodate the rains shown on this drawing. At 500mm cover to the finished level

Draining Pipe	Colour	Processed	As-built
Water Pipe	Dark Blue		
Services (Communication Pipes)	Light Blue		
Services (Supply Pipe)	Light Green		
Asset Boundary	Yellow		
Water Main (Incumbent)	Dark Green		

PS	Polystyrene	BS	Starter Pipe	OS	Decorative Iron
LPGC Beads		Black			
Water Connection Points		Green			
Water Out (right of wall jumper)					
Temporary Water Out of wall jumper					
Shower Valve					
Air Valve					
Pressure Reducing Valve					
Gas (right of wall jumper)					
Shut Tap					
Alarm					
Change or P-Trap Back Material					
MSL Part Size (with Number of Meters)					
C/LR Metal Bandwidth & Character (with Number of Meters)					
Non-Return Valve					

 ALL VALVES TO
CLOCKWISE
CLOSE

Rev	Date	Description	JO	CH	APP
		Deposits - Savings - Ontario			

[illegible]

Location Land at Flint Road, Letchworth

OS Ref: 523247,234112

Developer: Barratt Homes (North Thames)

Drawing Title: Potable Water Design

Project Number: **WE25-13**

Type: 0 Revision: 0

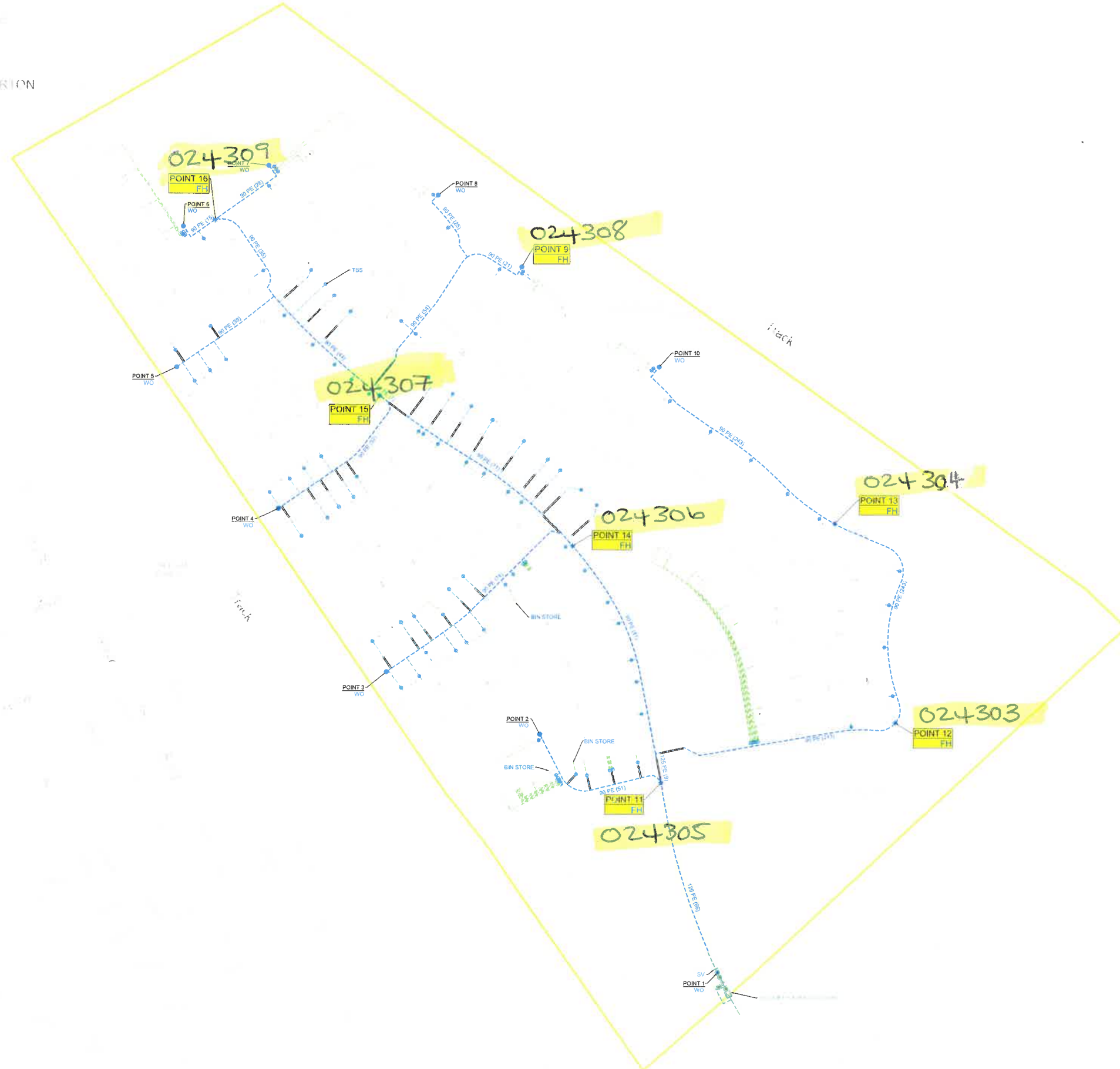
DRAWN M-Miscellaneous A-As Issued (Not Asplied) D-Design
BY P-Plumbing L-Warehouse/Erection C-Construction Blue

Drawings Number

W25-6013-002

Scale: Sheet Size: Drawn: Chk'd: App'd: Date:

1:500	A0	JC	AD	BB	11/12/25
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STIFFNESS CONNECTION INFORMATION			100
NUMBER OF NONRESISTIVE POINT CONNECTIONS			4
PLATE INSTEAD OF NONRESISTIVE CONNECTIONS: 3 BE 2x4x8 W/ 4" MORE BARRIER PIPE FITTED WITH 4" X 1/2" CORROSECTED W/ 4" TANGENTIAL W/ 1/2" OF BOUNDARY BUT (UNLESS OTHERWISE SPECIFIED ON THE DRAWING)			
HYDROSTATIC HEADLINE:			
POINT NUMBER 1	ADDITION 1/4"	COMMENTS	
1			
2			
3			
4	N		
5	N		
6			
7			
8	N		
9	V		
10	H		
11	V		
12			
13			
14	V		
15	V		
16	V		
17			
18			