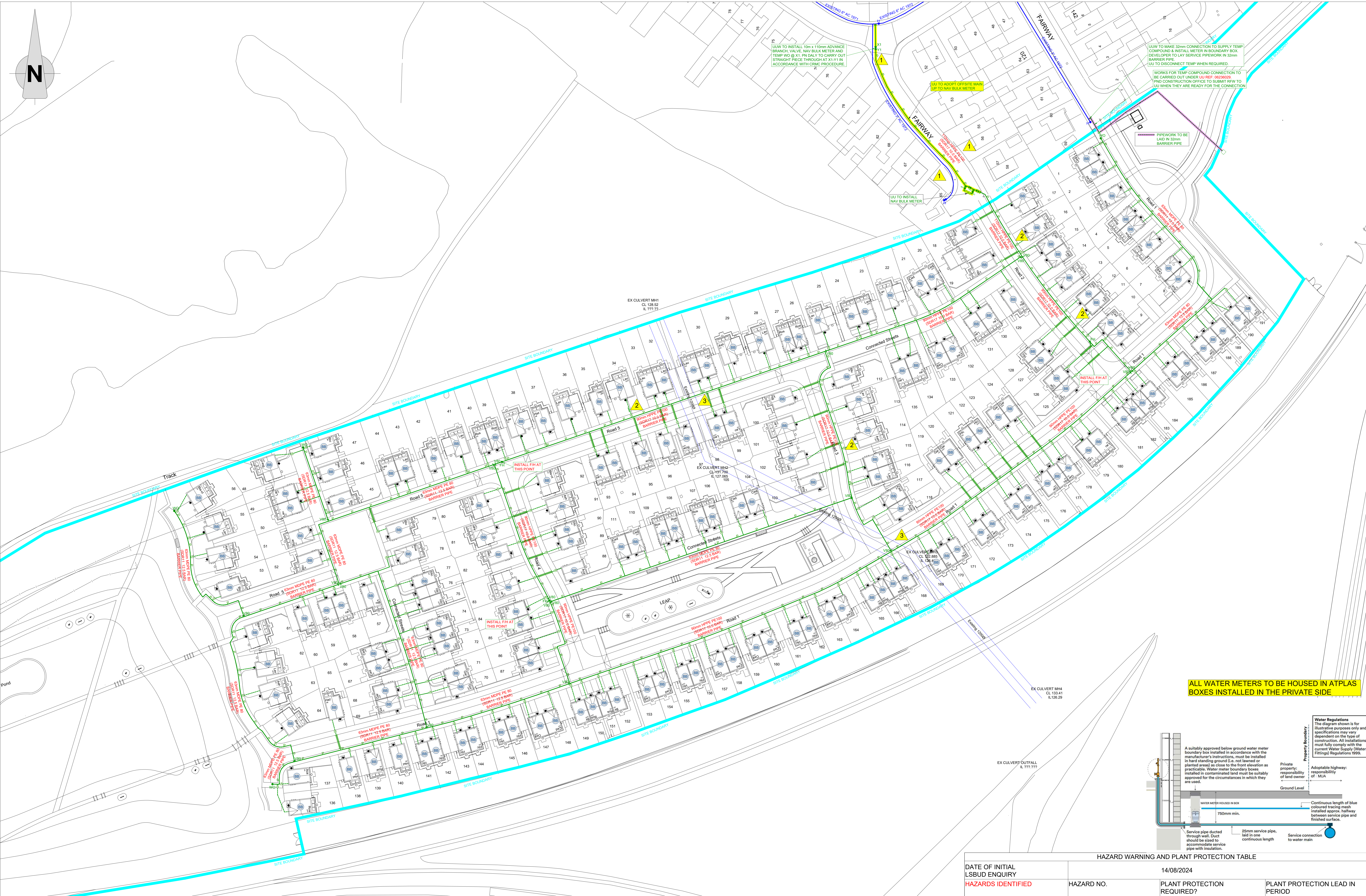


Castleton North Junction

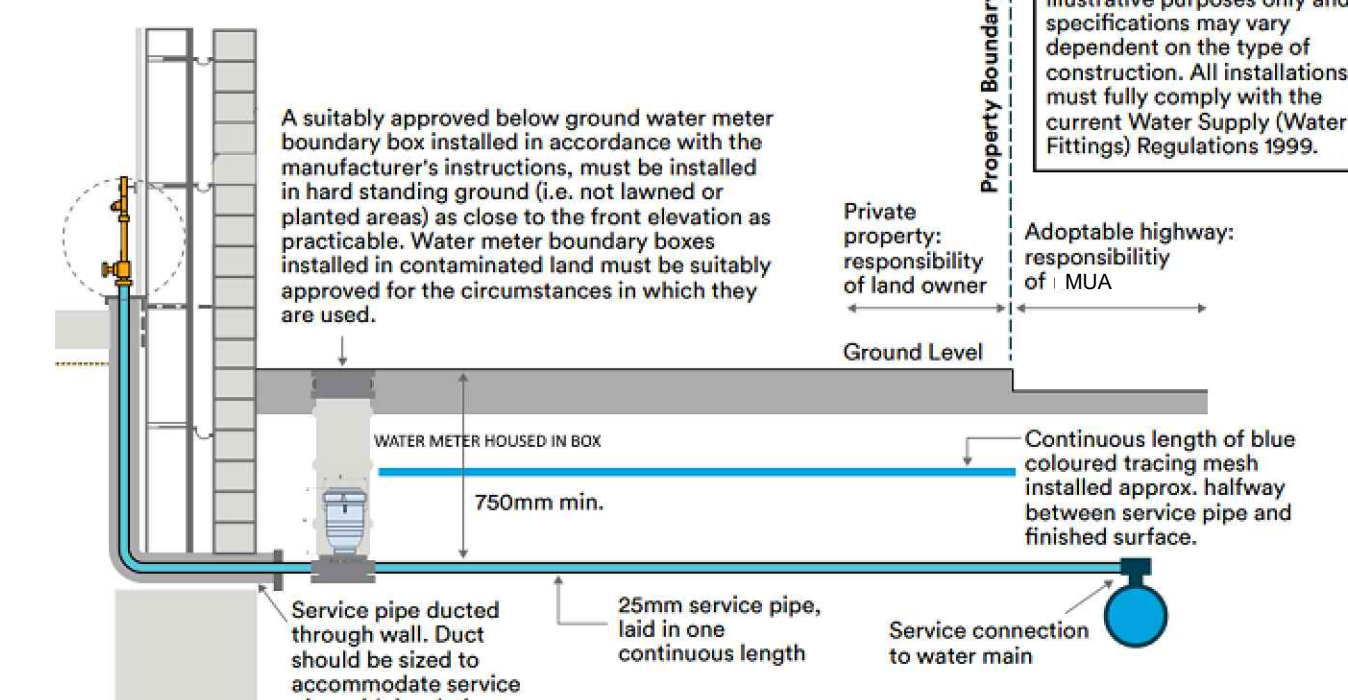
MP 0.5

| HAZARD WARNING AND PLANT PROTECTION TABLE                                                                                                                              |            |                            |                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------|---------------------------------|
| DATE OF INITIAL LSBUD ENQUIRY                                                                                                                                          | 14/08/2024 |                            |                                 |
| HAZARDS IDENTIFIED                                                                                                                                                     | HAZARD NO. | PLANT PROTECTION REQUIRED? | PLANT PROTECTION LEAD IN PERIOD |
| LP GAS - CADENT                                                                                                                                                        | 1          | NO                         | N/A                             |
| 6.6KV ELECTRIC - ENW                                                                                                                                                   | 2          | NO                         | N/A                             |
| WATER - UU                                                                                                                                                             | 3          | NO                         | N/A                             |
| NOTE - LINE SEARCH BEFORE YOU DIG (LSBD) DOES NOT INCLUDE EVERY ASSET OWNER. THERE MAY BE ASSETS PRESENT THAT ARE NOT INDICATED ON THE LSBUD REPORT. EXERCISE CAUTION. |            |                            |                                 |
| REFER TO THE INDIVIDUAL ASSET OWNER'S RECORDS FOR MORE ACCURATE AND DETAILED INFORMATION.                                                                              |            |                            |                                 |

TABLE 1 - EXCAVATION WIDTHS AND PIPE BED & SURROUND THICKNESS

| DIAMETER OF MAIN                  | 63mm  | 110mm | 150mm | 200mm | 225mm | 300mm | 300mm | 315mm |
|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| NOMINAL EXCAVATION WIDTH          | 350mm | 400mm | 500mm | 600mm | 600mm | 600mm | 600mm | 600mm |
| PIPE BED AND SURROUND (COMPACTED) | 50mm  | 75mm  | 100mm | 100mm | 150mm | 150mm | 150mm | 150mm |

|                        |                               |                  |
|------------------------|-------------------------------|------------------|
| Planned works enquiry  | Working practices identified? | Further comments |
| Enquiry submitted Date | submitted?                    |                  |



ALL WATER METERS TO BE HOUSED IN ATPLAS BOXES INSTALLED IN THE PRIVATE SIDE

INCUMBENT WATER COMPANY

UU REF: 06262953

United Utilities

NAV COMPANY

mua

MUA REF: MUA0023575-1

1

POSITION OF NAV BULK METER

11/02/25

M.S./K.M.

2

CONNECTION AMENDED

26/09/24

M.S./K.M.

REV

CIV

NOTES

REVISIONS

MAIN EXISTING

MAIN TO BE ABANDONED

MAIN PROPOSED

PROPOSED COMMUNICATION PIPE

PROPOSED SUPPLY PIPE

DUCT PROPOSED

VALVE

DIAMETER CHANGE

POINT OF DELIVERY METER BOUNDARY BOX

POINT OF DELIVERY FOR SERVICE WITH AM METER

FIRE HYDRANT/WASH OUT

AMR Internal Meters in multi occupancy premise with internal meters

AMR Internal Meter

AMR wall mounted meter box

AMR METER IN ATPLAS BOX (PRIVATE SIDE)

75mm x 110mm HDPE PE 80 (SPPRT-12.5 BENT) BARRIER PIPE

110 x 110mm HDPE PE 80 (SPPRT-12.5 BENT) BARRIER PIPE

150 x 150mm HDPE PE 80 (SPPRT-12.5 BENT) BARRIER PIPE

200 x 200mm HDPE PE 80 (SPPRT-12.5 BENT) BARRIER PIPE

225 x 225mm HDPE PE 80 (SPPRT-12.5 BENT) BARRIER PIPE

300 x 300mm HDPE PE 80 (SPPRT-12.5 BENT) BARRIER PIPE

315 x 315mm HDPE PE 80 (SPPRT-12.5 BENT) BARRIER PIPE

SERVICE CONNECTIONS

ALL SERVICES FROM PROPOSED NEW MAINS TO BE INSTALLED BY P.N. DAILY LTD. UNLESS STATED OTHERWISE

UNLESS STATED OTHERWISE

WATER - DUCTING FOR ROAD CROSSING GUIDELINES

IT IS A WATER UNDERTAKER'S PREFERENCE TO INSTALL MAINS VIA OPEN TRENCH UNLESS WHERE THERE IS AN OBSTACLE OR DIFFICULTY. DUCTS MAY BE INSTALLED BY THE DEVELOPER, PROVIDED THEY COMPLY WITH THE FOLLOWING REQUIREMENTS: PROVIDE A MINIMUM COVER OF 1.0M FROM THE POINT OF ENTRY TO THE PROPERTY BOUNDARY OR AGREED POINT OF DELIVERY. ANY DUCTS MUST BE INSTALLED IN ACCORDANCE WITH THE HEALTH AND SAFETY PLAN. ALL OPERATIVES MUST WEAR GLOVES, NOT SMOKE, EAT OR DRINK ON SITE AND WASH HANDS AFTER WORKING.

SERVICE CONNECTIONS (25mm/32mm)

25mm/32mm SERVICE PIPES MUST BE INSTALLED IN CONTINUOUS UNJOINTED LENGTHS LEAVING DUCTS OR PIPES AT THE BOUNDARY OR AGREED POINT OF DELIVERY TO ENABLE A CONNECTION DIRECTLY INTO THE WATER MAIN. THE SUPPLY PIPES MUST HAVE A CONTINUOUS LENGTH OF BLUE TRACING MESH INSTALLED APPROX. 1/2 FROM THE POINT OF ENTRY TO THE PROPERTY BOUNDARY OR AGREED POINT OF DELIVERY. ANY DUCTS MUST BE INSTALLED IN ACCORDANCE WITH THE HEALTH AND SAFETY PLAN. ALL OPERATIVES MUST WEAR GLOVES, NOT SMOKE, EAT OR DRINK ON SITE AND WASH HANDS AFTER WORKING.

METERING DETAILS

SERIALS MUST BE INSTALLED EXTERNALLY IN ATPLAS BOX LOCATED ON THE PRIVATE SIDE, ON THIS

CONTAMINATED LAND

AS THE SITE HAS BEEN SHOWN TO HAVE A DEGREE OF CONTAMINATION PRESENT, OUR PROPOSALS INVOLVE THE LAYING OF MAINS AND/OR SERVICES IN SUITABLE MATERIALS IN A MANNER WHICH WILL PROTECT WATER SUPPLIES FROM INGRESS OF SUCH CONTAMINANTS. ALL MAINS AND SERVICES, NOTED AS BARRIER PIPE MUST BE WRAPPED APPROVED BARRIER PIPE AND YOU MUST USE AS FEW BURIED JOINTS AS POSSIBLE. (SERVICE PIPES MUST BE UNJOINTED AND WRAP ALL JOINTS TO MANUFACTURER'S SPECIFICATION, YOU MUST WRAP ANY JOINTS WITH SERVICEMAN CEMENT OR EQUIVALENT TAPE TO REDUCE THE RISK OF POLLUTING THE WATER SUPPLY. ALL OPERATIVES MUST WEAR GLOVES, NOT SMOKE, EAT OR DRINK ON SITE AND WASH HANDS AFTER WORKING.

CONTESTABLE WORKS

ALL PROPOSED WATER MAIN LAYING AND SERVICES, TO BE PROVIDED BY P.N. DAILY LTD. TEMPORARY WORK AT POINT Y1. TOGETHER WITH REMOVAL OF TEMPORARY WORKS TO BE UNDERTAKEN BY P.N. DAILY LTD. IN ACCORDANCE WITH THE CONSTRUCTION PROCESS.

NON-CONTESTABLE WORKS

UUW TO INSTALL ADVANCE SERVICE VALVE & TEMP WO BOX. UUW TO INSTALL NAV BULK METER. UUW TO MAKE 32mm CONNECTION TO SUPPLY TEMP COMPOUND & INSTALL METER IN BOUNDARY BOX. DEVELOPER TO LAY SERVICE PIPEWORK IN 32mm BARRIER PIPE. UU TO DISCONNECT TEMP WHEN REQUIRED.

CONNECTIONS OFF NEW MAINS

PLOTS 1-191 TOTAL PLOTS 191 TO BE CONNECTED TO NEW MAINS INSTALLED BY UU.

CONNECTIONS OFF EXISTING MAINS

TEMP COMPOUND TO BE CONNECTED TO EXISTING MAIN BY UU.

METERS

AMR METERS TO BE INSTALLED BY P.N. DAILY LTD. TO ALL PLOTS 191 IN TOTAL. AMR METER TO BE INSTALLED BY UU TO TEMP COMPOUND.

FIRE HYDRANTS

PHs TO BE INSTALLED ON PLOTS 10, 39 & 84.

SEWERAGE DETAILS

PLOTS 1-191 TOTAL PLOTS 191 TO BE CONNECTED TO UU FOLIA WATER SEWER. SURFACE WATER TO DISCHARGE TO WATER COURSE.

DEVELOPER

KELLEN HOMES

1ST FLOOR 103 DALTON AVENUE

BIRCHWOOD PARK

WARRINGTON WA3 6YE

LANDOWNER

KELLEN HOMES

1ST FLOOR 103 DALTON AVENUE

BIRCHWOOD PARK

WARRINGTON WA3 6YE

WATER CONSTRUCTION DRAWING

CASTLETON WORKS

ROCHDALE

OL11 3AU

ENGINEER: M. SEXTON

DRAWN: K. MCMYLOR

SCALE: 1:500 @ A0

DATE: 26/08/24

GRID REF: E-387969 N-410287

SCHEME No: PND 8963

DRAWING No: PND / 8963 / 01W

REVISION: 02

DEVELOPERS DRG No: PL 08-08-24

PN DAILY LTD

BUTTERWORTH HALL WORKS

CHARLES LANE

ROCHDALE

OL11 3AU

Tel: 01761 690111

Fax: 01761 660156