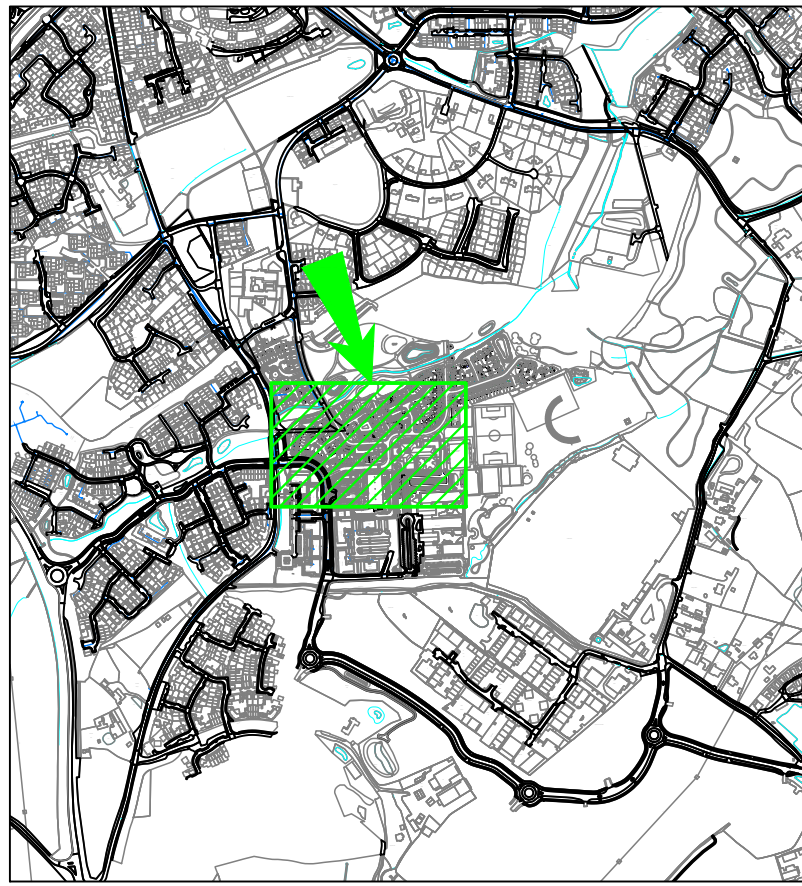




SITE LOCATION PLAN  
(NOT TO SCALE)  
GRID REF:XXXXXXXXXX



1. BEWARE OF THE PROXIMITY OF EXISTING SERVICES AND HENCE DUE CARE AND ATTENTION SHOULD BE TAKEN BY THE CONSTRUCTION TEAM.



1. ALL THRUST BLOCKS TO BE SIZED BY THE DESIGN TEAM - REFER TO ASSET STANDARD DRAWING AM-DRG-WN-02266. LOCATION IS IDENTIFIED ON CONSTRUCTION DRAWING.
2. EXACT ROUTE OF PROPOSED MAIN TO BE DETERMINED ON SITE BY THE CONSTRUCTION TEAM.
3. HIGHWAY NOTICE TO BE APPLIED FOR BY THE CONSTRUCTION TEAM.

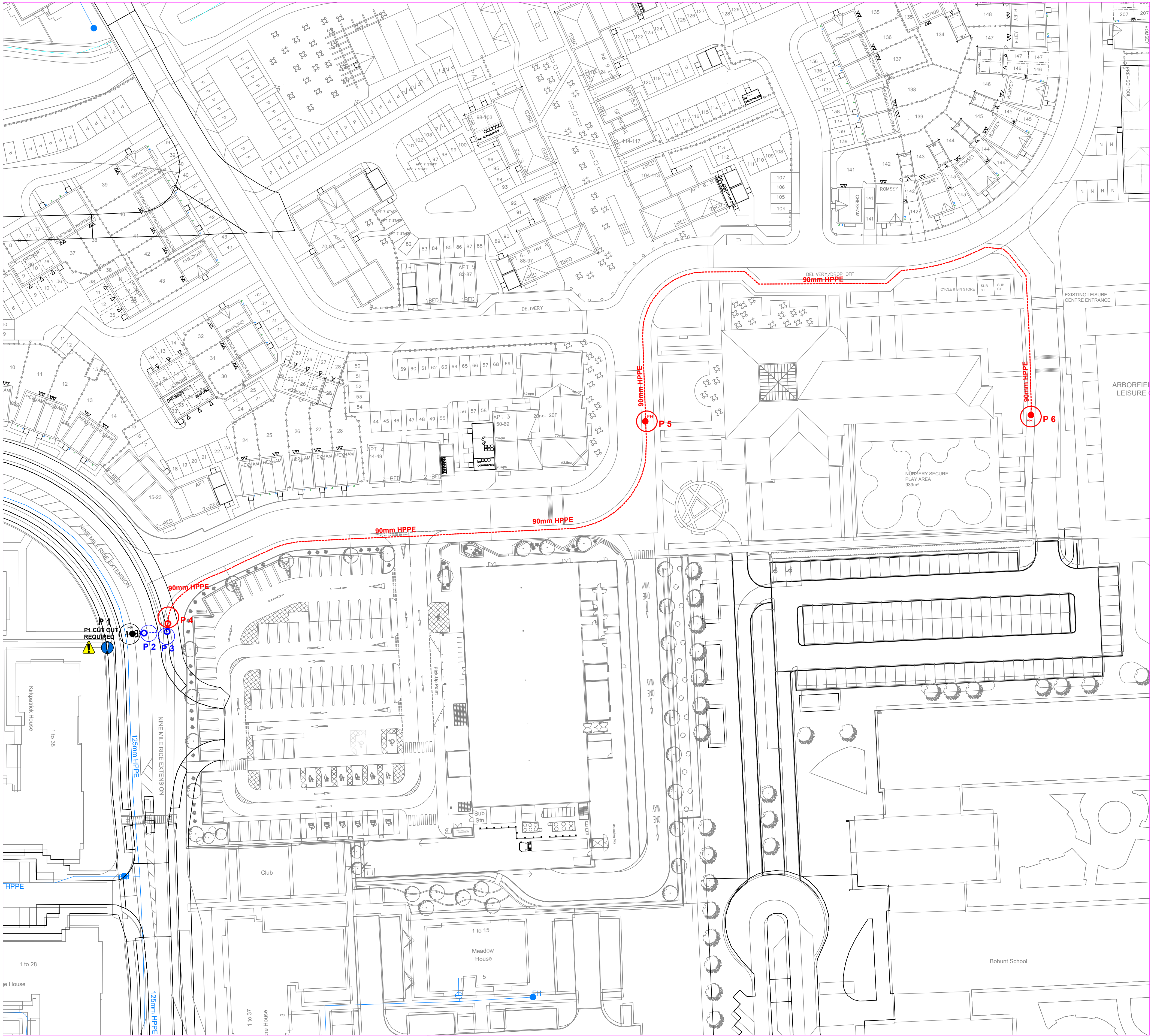
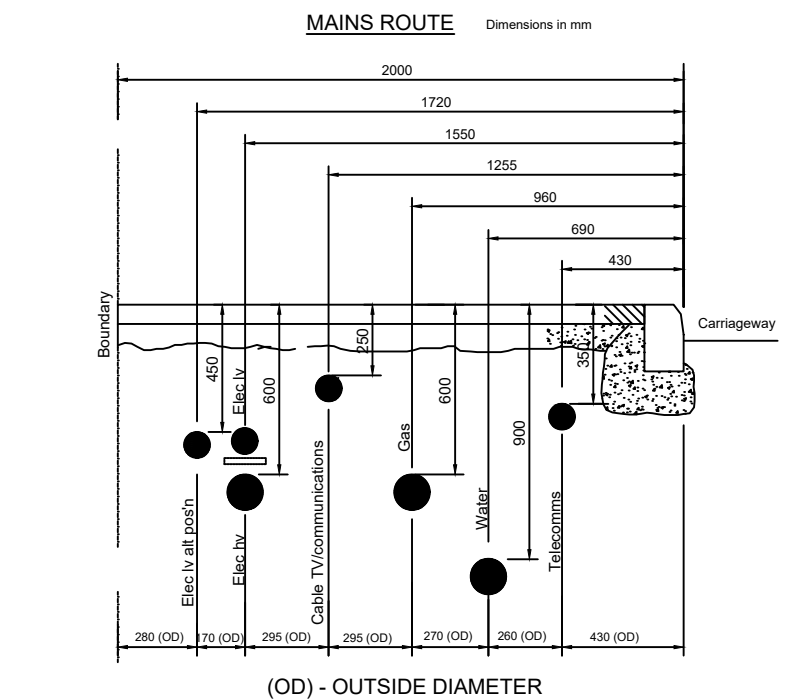
| DESCRIPTION                                                                                                                              | PREVIOUS ACTION | RESULT                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------|
|  DIGGING TRENCH - OPERATING CLOSE TO EXISTING UTILITIES | UTILITY MAP     |  Permit to work must be obtained |

PREFERRED LAYOUT FOR MAINS IN A 2 METRES WIDE FOOTWAY:  
NOTES:

1. THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE 'REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES' PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.
2. THE DIMENSIONS SHOWN REPRESENT THE PREFERRED ARRANGEMENT IN STRAIGHT ROUTES ON RESIDENTIAL ESTATES. VARIATIONS MAY BE NECESSARY AT CURVES AND CHANGES OF GRADIENT.
3. THE SPACE ALLOCATED IS CONSIDERED TO BE THE ABSOLUTE MINIMUM AND IN CERTAIN CIRCUMSTANCES E.G. WHERE BOTH HV AND LV CABLES ARE LAID IN ALTERNATIVE POSITION AND ADDITIONAL WIDTH MAY BE REQUIRED.
4. WHERE SERVICES ARE TO BE CONNECTED TO GAS MAIN A MINIMUM DISTANCE OF 2.0M IS REQUIRED BETWEEN THE BUILDING LINE AND THE CENTRE LINE OF THE MAIN.
5. MINIMUM DISTANCE OF ANY WATER SERVICE TO ANY SURFACE/FOUL WATER STRUCTURE IS 300mm.

COVER OF WATER MAIN  
UP TO 12"(300mm) 900mm  
12"(300mm) TO 24"(600mm) 1100mm  
24"(600mm) AND OVER 1200mm

TRENCH WIDTH  
NOMINAL TRENCH WIDTHS TO ALLOW FOR  
100mm 'BED AND SURROUND' TO MAIN



OPERATIONAL AREA PRESSURES:  
"X" MAIN = MINXX - MAXX BAR

SCALE 1 : 500  
0 10m 40 m

| SCHEDULE OF FITTINGS                                                                                                             |           |                             |        |    |    |         |   |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------|--------|----|----|---------|---|--|--|
| ALL FITTINGS, MATERIALS, PIPES & JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH 'LOTS 1,2&4 OF THE DELIVERY CONTRACTS APRIL 2023' |           |                             |        |    |    |         |   |  |  |
| POINT NUMBER                                                                                                                     | FITTINGS  |                             |        |    |    |         |   |  |  |
| Point 1                                                                                                                          | 2         | FLANGED ADAPTOR(100MM)      |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | BLANKING PLATE(80MM)        |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | FIRE HYDRANT+CHAMBER(80MM)  |        |    |    |         |   |  |  |
|                                                                                                                                  | 4         | FLANGED BEND(80MM)          |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | EXTENSION PIECE(80MM)       |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | VALVE+CHAMBER(80MM)         |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | ALL FLANGED TEE(100X90MM)   |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | ALL FLANGED TEE(80X80MM)    |        |    |    |         |   |  |  |
| Point 2                                                                                                                          | 2         | FLANGED ADAPTOR(80MM)       |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | FLANGED FUSED STUB(80MM)    |        |    |    |         |   |  |  |
| Point 3                                                                                                                          | 1         | FLANGED ADAPTOR(80MM)       |        |    |    |         |   |  |  |
| Point 4                                                                                                                          | 2         | FLANGED ADAPTOR(80MM)       |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | FLANGED FUSED STUB(80MM)    |        |    |    |         |   |  |  |
| Point 5                                                                                                                          | 2         | FLANGED ADAPTOR(80MM)       |        |    |    |         |   |  |  |
|                                                                                                                                  | 2         | FLANGED FUSED STUB(80MM)    |        |    |    |         |   |  |  |
|                                                                                                                                  | 2         | BLANKING PLATE(80MM)        |        |    |    |         |   |  |  |
|                                                                                                                                  | 2         | FIRE HYDRANT+CHAMBER(80MM)  |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | EXTENSION PIECE(80MM)       |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | VALVE+CHAMBER(80MM)         |        |    |    |         |   |  |  |
|                                                                                                                                  | 2         | ALL FLANGED TEE(80X80MM)    |        |    |    |         |   |  |  |
| Point 6                                                                                                                          | 1         | FLANGED FUSED STUB(80MM)    |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | DUCKFOOT BEND FLANGED(80MM) |        |    |    |         |   |  |  |
|                                                                                                                                  | 1         | FIRE HYDRANT+CHAMBER(80MM)  |        |    |    |         |   |  |  |
| MAINS LENGTH:                                                                                                                    |           |                             |        |    |    |         |   |  |  |
| Point 2.0                                                                                                                        | Point 3.0 | 14                          | CON    | MP | 90 | SURFACE | C |  |  |
| Point 3.0                                                                                                                        | Point 4.0 | 1                           | COC    | MP | 90 | SURFACE | B |  |  |
| Point 4.0                                                                                                                        | Point 5.0 | 145                         | COB    | MP | 90 | SURFACE | B |  |  |
| Point 5.0                                                                                                                        | Point 6.0 | 140                         | METRES | MP | 90 | SURFACE | B |  |  |

#### NOTES:

1. ALL END WASHOUTS TO BE POSITIONED NO MORE THAN 1m PAST LAST DRAW OFF POINT.
2. ALL FIRE HYDRANTS TO BE INSTALLED TO BS759. THEY MUST BE THOUGH-BORE TYPE UNLESS OTHERWISE SPECIFIED.
3. ALL FITTINGS & CHAMBERS WITH IN VERGES/OFT GROUND MUST BE ADEQUATELY SUPPORTED BY 150mm LAYER OF CONCRETE WITH A LAYER OF A393 MESH ON SUITABLE COMPACTED MATERIAL TO A DEPTH OF 150mm.
4. ALL OPEN ENDED PIPE WORK FOLLOWING ABANDONMENT OF MAINS, AND REMOVAL OF FITTINGS (IN OFF-SITE CONDITIONS), MUST BE CAPPED TO ENSURE THERE IS NO INTRUSION OF ANY FOREIGN MATERIAL ETC, WHICH COULD RESULT IN FUTURE GROUND SUBSIDIENCE.
5. THE ACTUAL LINE AND DEPTH OF THE MAIN OR PIPE AS SHOWN IS SUBJECT TO VARIATION DUE TO OBSTRUCTIONS.
6. LINES AND LEVELS FOR ALL ON-SITE DEVELOPMENT ARE THE RESPONSIBILITY OF THE DEVELOPER. IF ANY VARIATIONS TO THE LINES OR LEVELS ARE MADE AFTER THE WATER MAINS, SERVICE PIPES OR OTHER WATER APPARATUS ARE LAID, THE DEVELOPER WILL BE LIABLE FOR THE COST OF ANY SUBSEQUENT ALTERATIONS REQUIRED.
7. DISTANCES SHOWN ARE APPROXIMATE AND SITE MEASURED DISTANCE MAY VARY.
8. PLEASE NOTE THAT FITTINGS AND PIPE SIZE ARE NOT SHOWN TO SCALE. (THE LINE OF PROPOSED MAINS AND ASSOCIATED FITTINGS ARE INDICATIVE ONLY. QUERIES SHOULD BE REFERRED TO THE THAMES WATER FIELD DELIVERY REPRESENTATIVE).
9. ALL DUCTILE IRON PIPE AND JOINTS FOR BOTH DUCTILE IRON AND BARRIER PIPE NEEDS TO BE APPROPRIATELY WRAPPED UNLESS OTHERWISE SPECIFIED.
10. MAINS TO BE INSTALLED AT A UNIFORM DEPTH WITH THE MINIMUM NUMBER OF BENDS REQUIRED AND TO BE LAID IN A DIRECT ROUTE AS FAR AS PRACTICALLY POSSIBLE.
11. THE POSITION OF EXISTING BURIED SERVICES/ASSETS TO BE POSITIVELY CONFIRMED ON SITE BY THE DELIVERY CONTRACTOR PRIOR TO ANY INTRUSIVE WORK.
12. ALL PIPEWORK TO BE SORT 17 PE100 UNLESS OTHERWISE SPECIFIED.
13. UNDER PRESSURE TEES SHOULD BE USED WHEN CONNECTING INTO EXISTING MAINS UNLESS OTHERWISE SPECIFIED.
14. FOUNDATION BLOCKS SHOULD BE USED UNDERNEATH ALL UNDER PRESSURE TEES UNLESS SPACE PRECLUDES THE INSTALLATION - REFER TO DS STANDARD DRAWING DS-DRG-W024.
15. "AQUAGRIP" ADAPTORS TO BE USED ON ALL "PIECE UPS" AND FULL CUT-OUTS ON HPPE/AR/PP/PE MAINS UNLESS OTHERWISE SPECIFIED.

#### SERVICE CONNECTION NOTES:

1. ALL SUPPLY PIPE TO BE METERED UNLESS OTHERWISE STATED.
2. ALL SERVICE CONNECTIONS ARE 25mm UNLESS OTHERWISE STATED.

#### WHAT THREE WORDS:-

xxxxx,xxxxx,xxxxx.

|     |                 |     |     |     |      |
|-----|-----------------|-----|-----|-----|------|
| 1   | FOR INFORMATION | PB  |     | 15  | 11   |
| REV | DESCRIPTION     | DRN | CHK | APP | DATE |

#### SITE LOCATION:

DISTRICT CENTER AT ARBORFIELD GREEN  
OFF NINE MILL RIDE READING  
RG2 7ZF

|           |      |      |       |         |       |
|-----------|------|------|-------|---------|-------|
| MATERIAL: | HPPE | DIA: | 90 mm | LENGTH: | 300 m |
| MATERIAL: |      | DIA: | mm    | LENGTH: | m     |
| MATERIAL: |      | DIA: | mm    | LENGTH: | m     |
| MATERIAL: |      | DIA: | mm    | LENGTH: | m     |

|                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |                                                                                       |

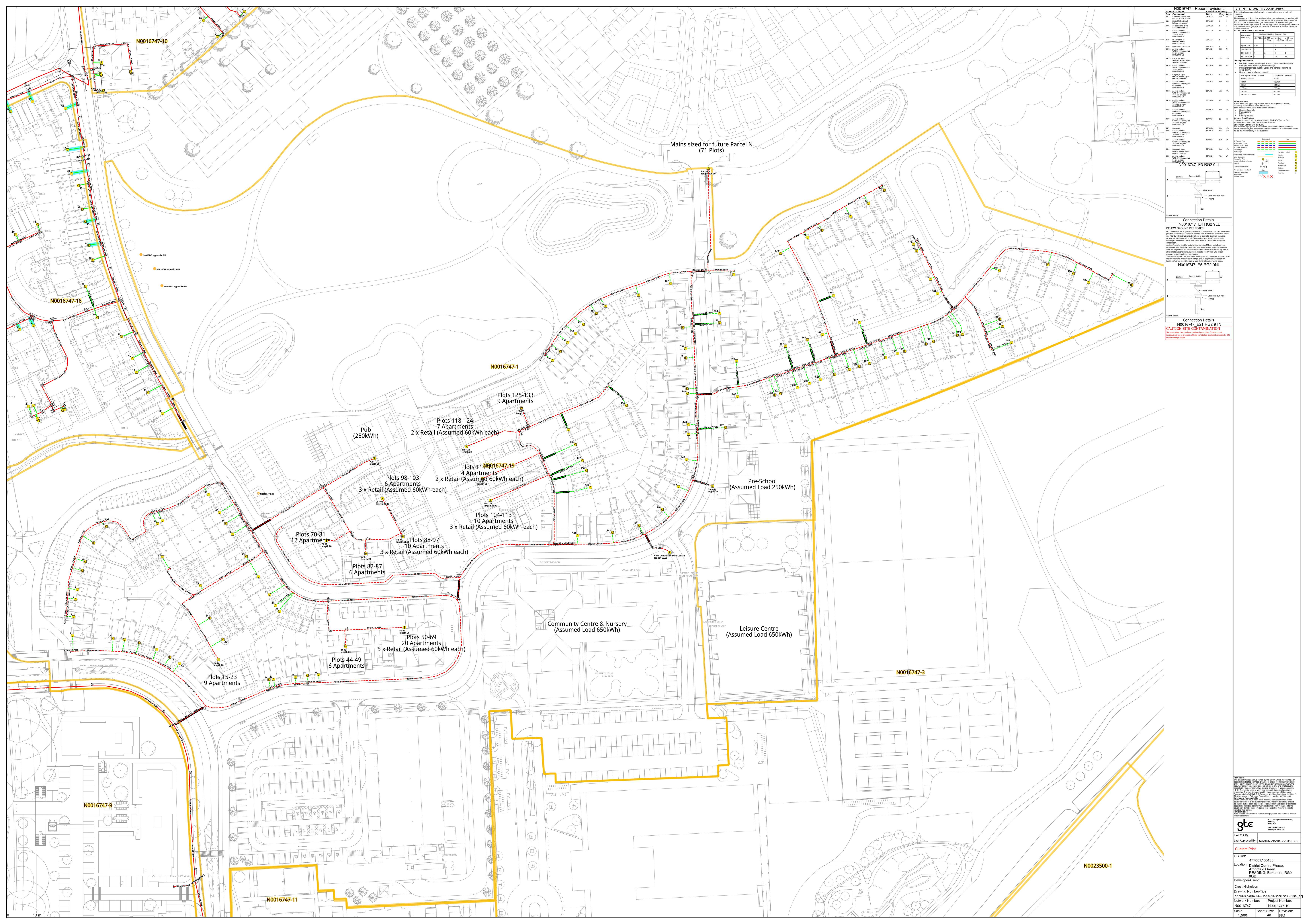
Black symbols / proposed main - installed by TWUL  
Blue symbols / proposed main - installed by TWUL or SLP  
Red symbols / proposed main - installed by SLP

|                                                                                                                                                                                                                                                                                                |                     |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| <br>THAMES WATER UTILITIES<br>DEVELOPER SERVICES /<br>CUSTOMER EXPERIENCE,<br>CLEARWATER COURT,<br>VALENTIA COURT,<br>READING RG1 8BB<br>TEL: 0118 909 900<br>EMAIL: developer.services@thameswater.co.uk | SUBCASE/DRAWING No: | 50316767       |
|                                                                                                                                                                                                                                                                                                | DRAWING REVISION:   | 1              |
|                                                                                                                                                                                                                                                                                                | SERVICE ORDER No:   | 81377698       |
|                                                                                                                                                                                                                                                                                                | SLY-SUBCASE No:     | -              |
|                                                                                                                                                                                                                                                                                                | SCHEME No:          | L173           |
| DESIGN BY: D SLADE<br>DRAWN BY: P BHOGAL                                                                                                                                                                                                                                                       | GRID REF:           | 476836, 165024 |
|                                                                                                                                                                                                                                                                                                | SCALE:              | 1:500 @ A1     |
|                                                                                                                                                                                                                                                                                                | DESIGN BY:          | 15/11/24       |
|                                                                                                                                                                                                                                                                                                | DRAWN BY:           | 15/11/24       |

BASED ON DEVELOPER'S DWG  
LINES AND LEVELS CONFIRMED DURING SITE MEETING HELD ON:-

| CONTRACTOR | SURVEYOR | CUSTOMER |
|------------|----------|----------|
| NAME       |          |          |
| SIGNATURE  |          |          |
| COMPANY    |          |          |

## **Appendix C – Gas Plans**

[illegible]

## **Appendix D – Electricity Plans**