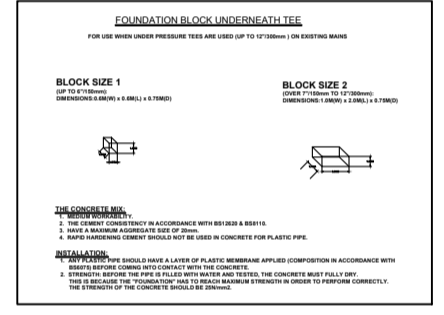


**SITE LOCATION PLAN
(NOT TO SCALE)
GRID REF: SU6552976051**



WORKING IN CONTAMINATED GROUND
Protective barrier pipe will be used

THIS SITE IS DEEMED 'CONTAMINATED' FOR THE USE OF STANDARD PLASTIC PIPE.
AN APPROVED 'BARRIER PIPE' MUST BE USED FOR ALL UNDERGROUND PIPEWORK.

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 DRAWINGS AM-DRG-WN-4226. 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 - OBTAINING CLOSE TO EXISTING UTILITIES	UTILITY MAP	Permit to work must be obtained

PREFERRED LAYOUT FOR MAINS IN A 2 METRES WIDE FOOTWAY:

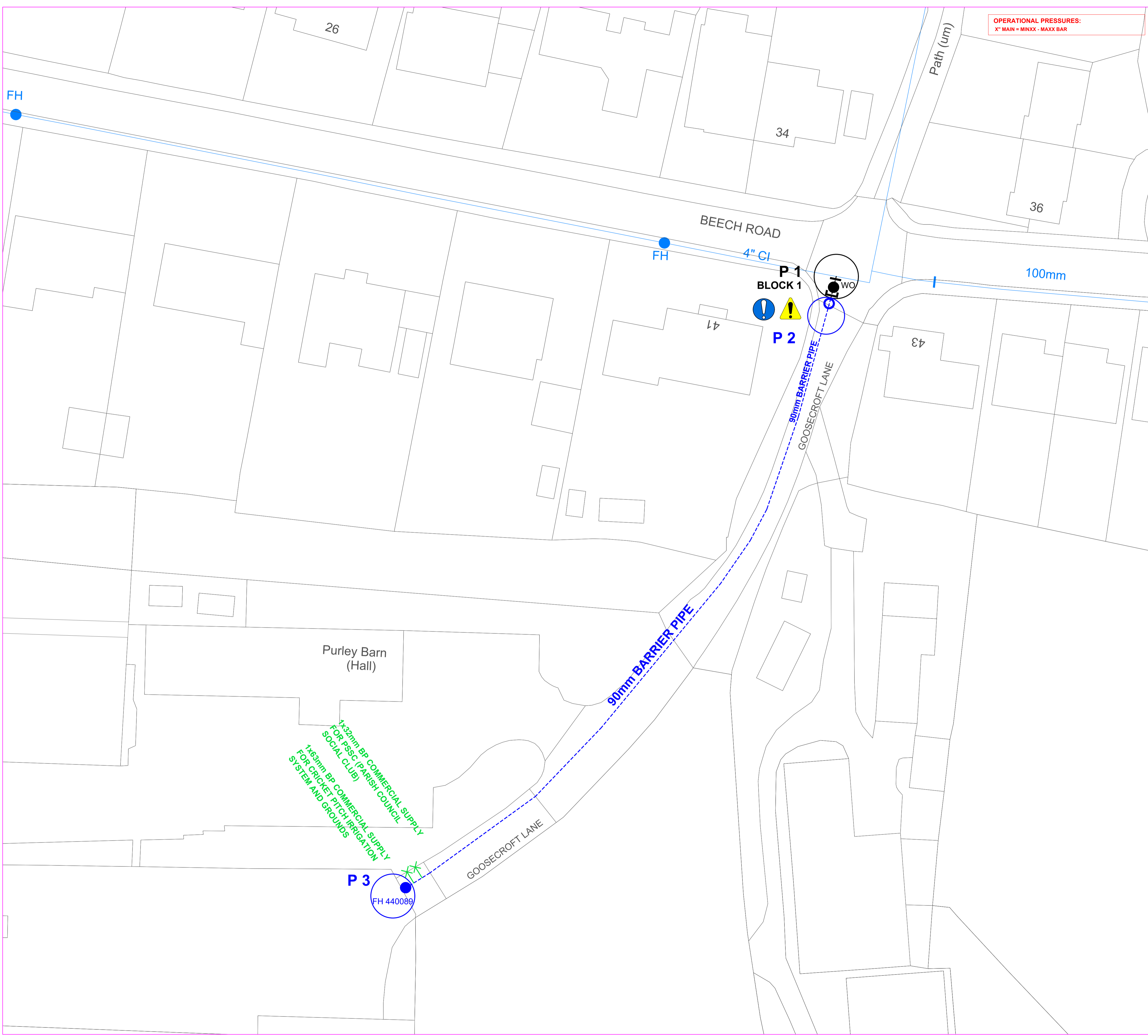
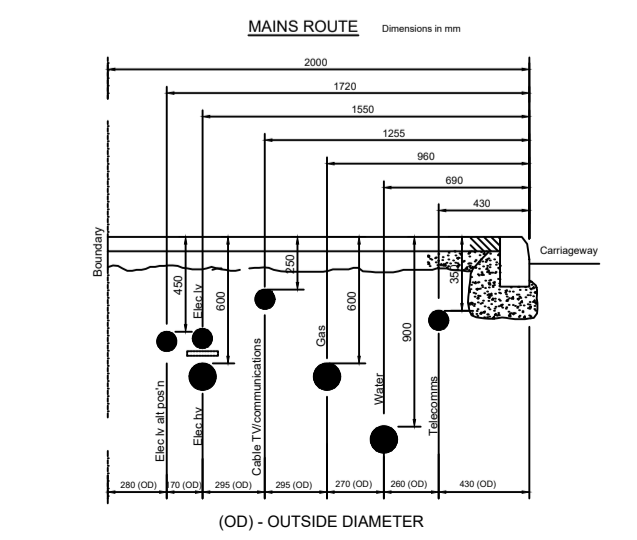
NOTES:

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 PRESSURES:
X" MAIN = MINXX - MAXX BAR

SCHEDULE OF FITTINGS

ALL FITTINGS MATERIALS, PIPES & JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH LOTS 1 & 2 AREA OF THE DELIVERY CONTRACT APRIL 2023

POINT NUMBER	FITTINGS
Point 1	2 FLANGED ADAPTOR(100MM)
	1 BLANKING PLATE(80MM)
	1 WASHOUT+CHAMBER(80MM)
	4 FLANGED BEND(80MM)
	1 EXTENSION PIECE(80MM)
	1 VALVE+CHAMBER(80MM)
Point 2	1 ALL FLANGED TEE(100X80MM)
	1 ALL FLANGED TEE(80X80MM)
Point 3	2 FLANGED ADAPTOR(80MM)
	1 FLANGED FUSED STUB(80MM)
	1 DUCKFOOT BEND FLANGED(80MM)
	1 WASHOUT+CHAMBER(80MM)

MAINS LENGTH:

Point	2.0	3.0	105	CON	MP	90	SURFACE	C

- 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/SOFT GROUND MUST BE ADEQUATELY SUPPORTED BY TWO LAYERS OF CONCRETE WITH A LAYER OF A80 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 SUBSIDENCE.
 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 80811 P110 UNLESS OTHERWISE SPECIFIED.
 13. UNDER PRESSURE TIES SHOULD BE USED WHEN CONNECTING INTO EXISTING MAINS UNLESS OTHERWISE SPECIFIED.
 14. FOUNDATION BLOCKS SHOULD BE USED UNDERNEATH ALL UNDER PRESSURE TIES UNLESS SPACE PRECLUDES THE INSTALLATION. REFER TO DS STANDARD DRAWING DS-DRG-WN-0324.
 15. 'SQUAD' ADAPTORS TO BE USED ON ALL 'TIE-INS' UP TO AND FILL CUT-OUTS ON HPPE BARRIER PIPE MAINS UNLESS OTHERWISE SPECIFIED.

SERVICE CONNECTION NOTES:

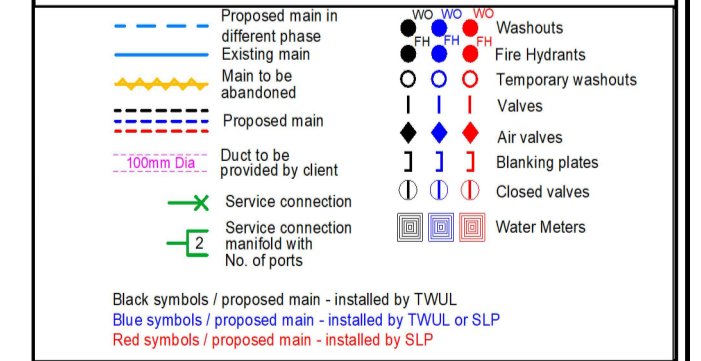
1. ALL SUPPLY PIPE TO BE METERED UNLESS OTHERWISE STATED.
2. ALL SERVICE CONNECTIONS ARE 25mm UNLESS OTHERWISE STATED.

WHAT THREE WORDS:
Itked.could.happen

REV	DESCRIPTION	DRN	CHK	APP	DATE
4	REVISED	SD			19/08/24
3	REVISED - FH	SD			06/07/24
2	REVISED - MAINS	SD			27/03/24
1	FOR INFORMATION	SD			24/03/24

SITE LOCATION:
IN THAMES PARISH COUNCIL, THE PARISH OFFICE, GOOSECROFT LANE, READING RG8 8BW

MATERIAL:	DIAMETER	LENGTH
BARRIER PIPE	90 mm	105 m
MATERIAL:	DIAMETER	LENGTH
MATERIAL:	DIAMETER	LENGTH
MATERIAL:	DIAMETER	LENGTH



<p>THAMES WATER UTILITIES DELIVERY SERVICES CUSTOMER EXPERIENCE COURTNEY ROAD WATERSIDE COURT READING RG8 8BW TEL: 0800 059 3921 EMAIL: customerexperience@thameswater.co.uk</p>	SUBCASE DRAWING No:	50287507
	SERVICE ORDER No:	81281644
	SLY-SUBCASE No:	-
	SLY-SERV. ORDER:	-
	SCHEME No:	465529_176051
SCALE:	1:250 @ A1	
DESIGN BY:	B GIBBS	19/08/24
DRAWN BY:	S. DICKMAN	19/08/24

BASED ON DEVELOPER'S DWG: NA

LINES AND LEVELS CONFIRMED DURING SITE MEETING HELD ON:

CONTRACTOR	SURVEYOR	CUSTOMER

NAME: _____
SIGNATURE: _____
COMPANY: _____

