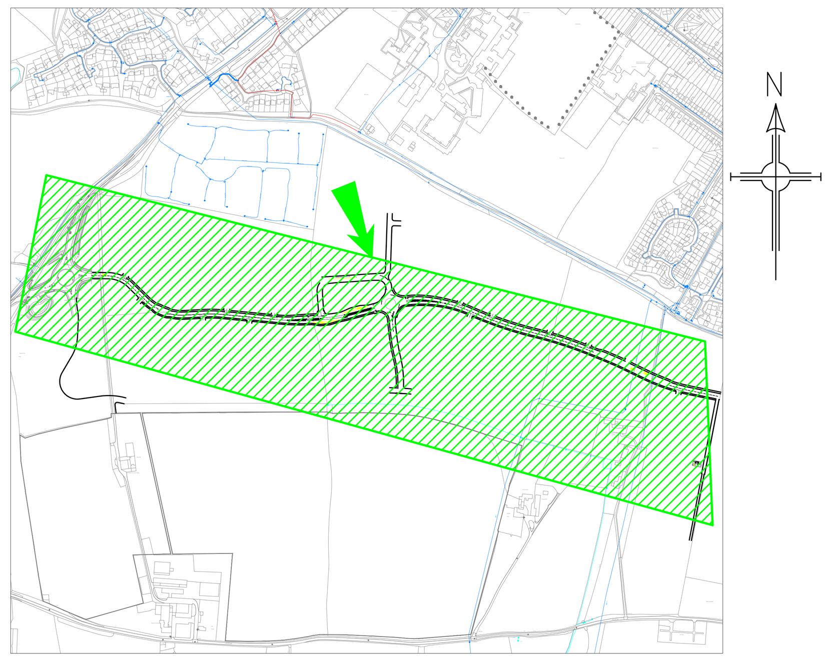
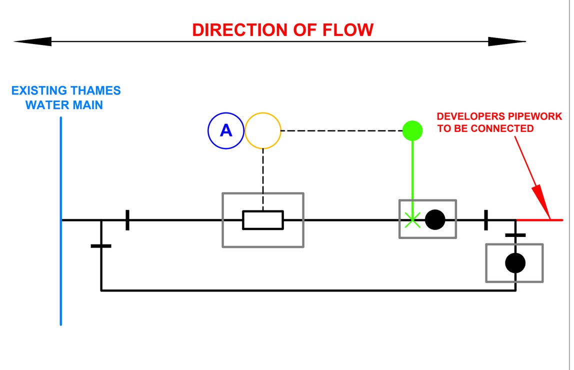


SITE LOCATION PLAN
(NOT TO SCALE)

DMA METER INSTALLATION (WITH BYPASS)

METER SPECIFICATION :AQUAMASTER '3'
(COMPLETE WITH 'TX','TD' & FLUID CONTACT RINGS, AND ALSO WITH 'CALMASTER 2 FINGERPRINTING')
IN ACCORDANCE WITH THAMES WATER / ABB FRAMEWORK AGREEMENT FA732

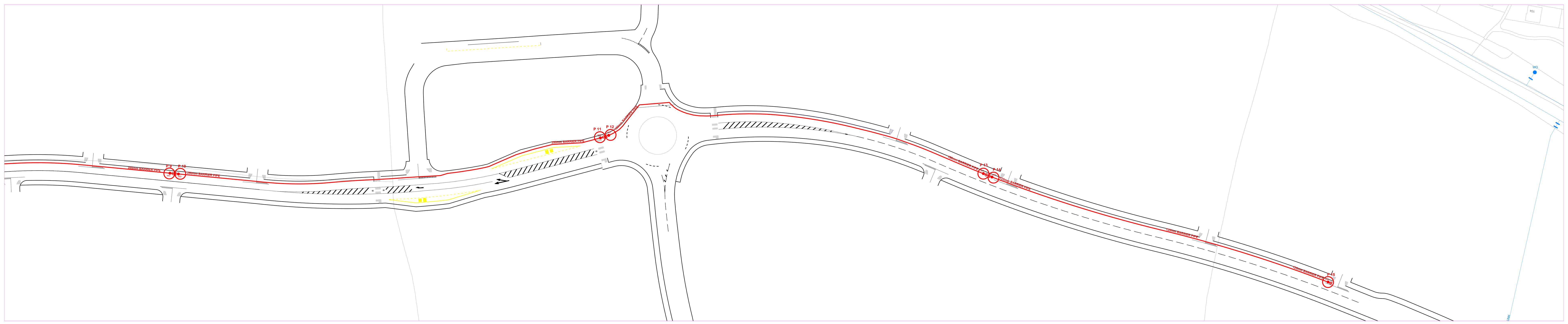


LEGEND
- DMA METER
- CHAMBER
- BOUNDARY BOX (PRESSURE LOGGER)
- DMA PILLAR
- AERIAL
- 50mm DUCT FOR CABLE
- WASHOUT / HYDRANT
- VALVE

'DOWNSTREAM' VALVE INSTALLED MINIMUM '5 x THE PIPE DIAMETER' BEFORE THE METER.
'UPSTREAM' VALVE INSTALLED MINIMUM '5 x THE PIPE DIAMETER' AFTER THE METER
WATER METER CHAMBER 1200x900mm, WO/FH CHAMBER 380x230mm

NOT TO SCALE

PLEASE REFER TO DRAWING AM-DRG-WN-02350



SCALE 1 : 1000
0 20m 100 m

AS LAID SIGN OFF

(PLEASE TICK TO CONFIRM)
ROUTE OF NEW MAIN & APPARATUS AS INDICATED ☐

DEPTH OF COVER OF NEW MAIN:
0.9 ☐ OTHER (PLEASE STATE) ☐

DEPTH OF COVER AT CONNECTION POINT TO EXISTING MAIN (POINT 1)
0.9 ☐ OTHER (PLEASE STATE) ☐

PART ' AS LAID' S DRAWING ☐ FULL 'AS LAID' DRAWING ☐

F/H's PERMANENTLY REINSTATED YES ☐ NO ☐ N/A ☐

CONTRACTOR SIGN OFF: ____________ DATE ____________
THAMES WATER SIGN OFF: ____________ DATE ____________

TRAFFIC MANAGEMENT ACT

SERVICE ORDER No:	81011658	GRID REF	SP4417538746
OPERATION No:		GRID REF	
OPERATION No:		GRID REF	
OPERATION No:		GRID REF	
OPERATION No:		GRID REF	

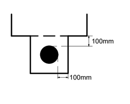
DESCRIPTION	PREVIOUS ACTION	RESULT
DIGGING TRENCH - OPERATING CLOSE TO EXISTING UTILITIES	UTILITY MAP	Permit to work must be obtained
WORKING IN CONTAMINATED GROUND	SOIL REPORT	Protectaline barrier pipe will be used
VOLATIVE ACTIVITY OF THE MAIN WE ARE TAPPING INTO	MAIN HISTORY OF FREQUENT BURSTS	Connecting to a different main

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 - THE LV CABLE WILL BE LAID IN THE ALTERNATIVE POSITION AND ADDITIONAL WIDTH MAY BE REQUIRED.
4. WHERE SERVICES ARE TO BE CONNECTED TO MAINS 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.

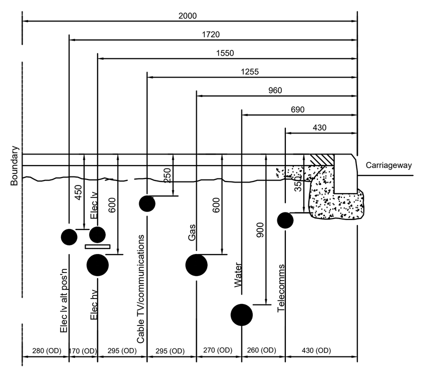
COVER OF WATER MAIN

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

MAINS ROUTE Dimensions in mm



(OD) - OUTSIDE DIAMETER

CAD PATH: C:\CAD FOLDER\50212387 WYKHAM PARK FARM SPAIN MAIN WYKHAM LANE BANBURY OX 16 9UP\WIP 50212387 WYKHAM PARK FARM SPAIN MAIN WYKHAM LANE BANBURY OX 16 9UP REV 2.DWG

SCHEDULE OF FITTINGS

ALL FITTINGS,MATERIALS,PIPES & JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH "LOT C2 STANDARD NEW MAINS AND CONNECTIONS (APRIL 2010)"

POINT NUMBER		FITTINGS
Point 1	2	Flanged Adaptor(300mm)
	1	Flanged Fused Stub(300mm)
Point 2	2	Flanged Adaptor(300mm)
	9	Flanged Fused Stub(300mm)
	3	Washout+chamber(80mm)
	2	Flanged Bend(300mm)
	4	Valve+chamber(300mm)
	2	All Flanged Tee(300x300mm)
	3	All Flanged Tee(300x80mm)
	1	DMA Meter (300mm)
	1	Strainer (300mm)
	10	355 mm PE100 PIPE
Point 3	1	Blanking Plate(300mm)
	1	Washout+chamber(80mm)
	1	All Flanged Tee(300x80mm)
Point 4	2	Flanged Adaptor(300mm)
	1	Flanged Fused Stub(300mm)
Point 5	1	Flanged Fused Stub(300mm)
	1	Blanking Plate(300mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(300mm)
	1	Valve+chamber(300mm)
	1	All Flanged Tee(300x80mm)
Point 6	2	Flanged Adaptor(300mm)
	1	Flanged Fused Stub(300mm)
	1	Blanking Plate(300mm)
	1	Washout+chamber(80mm)
	1	All Flanged Tee(300x80mm)
Point 7	1	Flanged Fused Stub(300mm)
	1	Blanking Plate(300mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(300mm)
	1	Valve+chamber(300mm)
	1	All Flanged Tee(300x80mm)
Point 8	2	Flanged Adaptor(300mm)
	1	Flanged Fused Stub(300mm)
	1	Blanking Plate(300mm)
	1	Washout+chamber(80mm)
	1	All Flanged Tee(300x80mm)
Point 9	1	Flanged Fused Stub(300mm)
	1	Blanking Plate(300mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(300mm)
	1	Valve+chamber(300mm)
	1	All Flanged Tee(300x80mm)
Point 10	1	Flanged Fused Stub(200mm)
	2	Flanged Adaptor(300mm)
	1	Blanking Plate(300mm)
	1	Washout+chamber(80mm)
	1	Flanged Reducer(300x200mm)
	1	All Flanged Tee(300x80mm)
Point 11	1	Flanged Fused Stub(200mm)
	1	Blanking Plate(200mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(200mm)
	1	Valve+chamber(200mm)
	1	All Flanged Tee(200x80mm)
Point 12	1	Flanged Fused Stub(150mm)
	2	Flanged Adaptor(200mm)
	1	Blanking Plate(200mm)
	1	Washout+chamber(80mm)
	1	Flanged Reducer(200x150mm)
	1	All Flanged Tee(200x80mm)
Point 13	1	Flanged Fused Stub(150mm)
	1	Blanking Plate(150mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(150mm)
	1	Valve+chamber(150mm)
	1	All Flanged Tee(150x80mm)
Point 14	1	Flanged Fused Stub(100mm)
	2	Flanged Adaptor(150mm)
	1	Blanking Plate(150mm)
	1	Washout+chamber(80mm)
	1	Flanged Reducer(150x100mm)
	1	All Flanged Tee(150x80mm)
Point 15	1	Flanged Fused Stub(100mm)
	1	Blanking Plate(100mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(100mm)
	1	Valve+chamber(100mm)
	1	All Flanged Tee(100x80mm)

MAINS LENGTH:

Point	4.0	- Point	5.0	328	COC	MP	355	SURFACE	C
Point	6.0	- Point	7.0	250	COB	MP	355	SURFACE	PM
Point	8.0	- Point	9.0	250	METRES	MP	355	SURFACE	PM
Point	10.0	- Point	11.0	230	METRES	MP	250	SURFACE	PM
Point	12.0	- Point	13.0	250	METRES	MP	180	SURFACE	PM
Point	14.0	- Point	15.0	205	METRES	MP	125	SURFACE	PM

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 BS750(COPPER/GUNMETAL OUTLET ONLY)
3. ALL FITTINGS & CHAMBERS WITH IN VERGES/SOFT GROUND MUST BE ADEQUATELY SUPPORTED BY 1sq m 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 EARTH ETC,WHICH COULD RESULT IN FUTURE GROUND SUBSIDENCE.
5. ALL THRUST BLOCKS MUST BE DETERMINED ON SITE AND CALCULATIONS SUBJECT TO BEARING CAPACITY OF THE SOIL.
6. THE ACTUAL LINE AND DEPTH OF THE MAIN OR PIPE AS SHOWN IS SUBJECT TO VARIATION DUE TO OBSTRUCTIONS.
7. IT IS THE CUSTOMER'S RESPONSIBILITY FOR INDICATING THE PLANNED BOUNDARY LINES AND LEVELS OF ALL ROADS, PATHS, ETC., IN WHICH MAINS ARE TO BE LAID. SHOULD ANY VARIATION TO THESE LINES OR LEVELS BE MADE WITHOUT THAMES WATER'S CONSENT AFTER THE MAINS HAVE BEEN LAID, THEN THE CUSTOMER WILL BE RESPONSIBLE FOR THE COST OF ANY SUBSEQUENT ALTERATIONS TO OUR APPARATUS.
8. DISTANCES DO NOT TAKE INTO ACCOUNT ANY TOPOGRAPIC VARIANCES.
9. PLEASE NOTE FITTINGS ARE NOT SHOWN TO SCALE.
10. ALL DUCTILE IRON PIPEWORK IS TO BE WRAPPED UNLESS OTHERWISE SPECIFIED.
11. MAINS WILL 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.
12. THE POSITION OF ANY BOUNDARY OR APPARATUS SHOWN ON THIS PLAN IS GIVEN WITHOUT OBLIGATION AND WARRANTY AND ACCURACY CANNOT BE GUARANTEED. NO LIABILITY OF ANY KIND WHATSOEVER IS ACCEPTED BY THAMES WATER FOR ANY ERROR OR OMISSION.

ALL SERVICE CONNECTIONS ARE 25mm UNLESS OTHERWISE STATED

REV	DESCRIPTION	DRN	CHK	APP	DATE
2	REVISED DESIGN	PB			10 07 20
1	FOR INFORMATION	PB			30 04 20

SITE LOCATION:
WYKHAM PARK FARM - SPINE MAIN
BLOXHAM RD, BANBURY
OX16 9UP

MATERIAL: HPPE	DIA: 355 mm	LENGTH:	828 m
MATERIAL: HPPE	DIA: 180 mm	LENGTH:	250 m
MATERIAL: HPPE	DIA: 250 mm	LENGTH:	230 m
MATERIAL: HPPE	DIA: 125 mm	LENGTH:	205 m

- Proposed main in different phase
- Existing main
- Main to be abandoned
- Proposed main
- 100mm Dia — Duct to be provided by client
- Service connection
- 2 — Service connection manifold with No. of ports
- WO / FH — Washouts
- Fire Hydrants
- Temporary washouts
- Valves
- Air valves
- Blanking plates
- Closed valves
- Double spade valves
- Water Meters

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

THAMES WATER UTILITIES
DEVELOPER SERVICES / CUSTOMER EXPERIENCE,
CLEARWATER COURT,
VASTERN ROAD,
READING RG1 8DB
TEL: 0800 009 3921
EMAIL: DEVELOPER.SERVICES@THAMESWATER.CO.UK

SUBCASE/DRAWING No	50212387
DRAWING REVISION	A0
SERVICE ORDER No	-
SLY-SUBCASE No:	50194563
SLY-SERV. ORDER:	81011657
SCHEME No:	TBC
GRID REF:	444509 , 239095
SCALE:	1:1000 @ A0
DESIGN BY	P.SABAN 10/07/20
DRAWN BY	P.BHOGAL 10/07/20

BASED ON DEVELOPER'S DWG: WPF-HYD-XX-XX-M2-C-0001_Spine Road

LINES AND LEVELS CONFIRMED DURING SITE MEETING HELD ON:-

	CONTRACTOR	SURVEYOR	CUSTOMER
NAME			
SIGNATURE			
COMPANY			

CAD DATE: 10/07/2020 CAD : 02

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