

SITE LOCATION PLAN (NOT TO SCALE)



TRAFFIC MANAGEMENT ACT

SMP WR	STWSP	GRID REF	SP561172408
IRMA WR		GRID REF	
IRMA WR		GRID REF	
IRMA WR		GRID REF	
IRMA WR		GRID REF	

AS LAID SIGN OFF

ROUTE OF NEW MAIN AS INDICATED

DEPTH OF COVER OF NEW MAIN

DEPTH OF COVER AT CONNECTION POINT TO EXISTING MAIN (POINT 1)

PART 'AS LAD' DRAWING

CONTRACTOR SIGN OFF: _____ DATE: _____

THAMES WATER SIGN OFF: _____ DATE: _____

NOTES

- ALL END DRAUGHTS TO BE POSITIONED NO MORE THAN 50mm PAST LAST DRAW OFF POINT.
- ALL THE HYDRANTS TO BE INSTALLED TO BEST CORRESPONDING OUTLET ONLY.
- ALL TRENCHES TO BE CONFORMED WITH BY HIGHWAY REQUIREMENTS AS AGREEABLE TO THE LOCAL AUTHORITY AND TO BE CONFORMED WITH THE LATEST EDITION OF THE ROADWORKS REGULATIONS AND THE HIGHWAY ACT 1996.
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PREFERRED LAYOUT FOR MAINS IN A 2 METRES WIDE FOOTWAY

NOTES

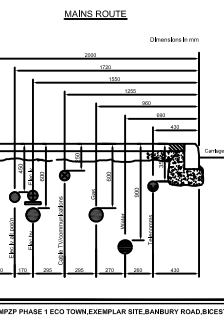
- THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.
- THE DIMENSIONS SHOWN REPRESENT THE PREFERRED ARRANGEMENT FOR STRAIGHT ROUTES ON RECTANGULAR SETBACKS, WHERE THERE MAY BE NECESSARY AT CURVES AND CHANGES OF GRADIENT.
- THE SPACE ALLOCATED IS CONSIDERED TO BE THE ABSOLUTE MINIMUM AND IN CERTAIN CIRCUMSTANCES E.G. WHERE BOTH HV AND LV CABLES ARE LAD, THE LV CABLE WILL BE LAD IN THE ALTERNATIVE POSITION AND ACCEPTABLE, WITHIN THE REQUIREMENTS.
- WHERE SERVICES ARE TO BE CONNECTED TO MAINS A MINIMUM DISTANCE OF 150mm IS REQUIRED BETWEEN THE BUILDING LINE AND THE CENTRE LINE OF THE MAIN.
- MINIMUM DISTANCE OF ANY WATER SERVICE TO ANY SURFACE WATER STRUCTURE IS 300mm.

COVER OF WATER MAIN

UP TO 12750mm	900mm
12750mm TO 20300mm	1100mm
20300mm AND OVER	1300mm

TRENCH WIDTH

NORMAL TRENCH WIDTHS TO ALLOW FOR 1000mm BED AND SUBROCKED TO MAIN



SCHEDULE OF FITTINGS

POINT NUMBER	FITTINGS
Point 1	1 x Temporary disconnection fitting 1 x Flanged reducer 2 x Flanged adaptor
Point 2	2 x Tee (all flanged) 2 x Valve+Chamber 4 x Flanged fused stub 1 x Extension piece 3 x Temporary disconnection fittings
Point 3	1 x Tee (all flanged) 1 x Valve+Chamber 2 x Flanged fused stub 1 x Temporary disconnection fitting
Point 3.1	1 x Temporary disconnection fitting 1 x Flanged fused stub 2 x Flanged adaptor
Point 4	1 x Tee (all flanged) 2 x Valve+Chamber 2 x Flanged fused stub 1 x Extension piece 1 x Temporary disconnection fitting
Point 4.1	1 x Temporary disconnection fitting 1 x Flanged fused stub 2 x Flanged adaptor
Point 4.2	1 x Temporary disconnection fitting 1 x Flanged fused stub 2 x Flanged adaptor
Point 5	1 x Tee (all flanged) 1 x Valve+Chamber 3 x Flanged fused stub
Point 6	1 x Washout+Chamberbed Raising Piece 1 x Washout hand flange 1 x Flanged fused stub
Point 7	2 x Tee (all flanged) 2 x Valve+Chamber 1 x Washout+Chamberbed Raising Piece 3 x Flanged fused stub 2 x Extension piece
Point 8	1 x Tee (all flanged) 1 x Valve+Chamber 2 x Flanged fused stub 1 x Extension piece
Point 8.1	1 x Temporary disconnection fitting 1 x Flanged fused stub 2 x Flanged adaptor
Point 9	1 x Washout+Chamberbed Raising Piece 1 x Washout hand flange 1 x Flanged fused stub
Point 10	1 x Temporary disconnection fitting 1 x Flanged fused stub 2 x Flanged adaptor
Point 11	2 x Tee (all flanged) 2 x Valve+Chamber (incl Raising Piece) 1 x Washout hand flange 2 x Flanged fused stub 1 x Blanking plate
Point 11.1	1 x Temporary disconnection fitting 1 x Flanged fused stub 2 x Flanged adaptor
Point 12	1 x Tee (all flanged) 1 x Valve+Chamber 1 x Flanged fused stub
Point 13	1 x Washout+Chamberbed Raising Piece 1 x Washout hand flange 1 x Flanged fused stub
Point 14	1 x Washout+Chamberbed Raising Piece 1 x Washout hand flange 1 x Blanking plate 1 x Extension piece 1 x Temporary disconnection fitting
Point 15	1 x Temporary disconnection fitting 2 x Flanged adaptor 1 x Flanged reducer 1 x Flanged fused stub
Point 16	2 x Tee (all flanged) 2 x Valve+Chamber 2 x Flanged fused stub 1 x Washout+Chamber (incl raising piece) 1 x Blanking plate 2 x Flanged adaptor 1 x Temporary disconnection fitting
Point 17	1 x Washout+Chamber (incl raising piece) 1 x Washout hand flange 1 x Flanged fused stub
Point 18	2 x Tee (all flanged) 1 x Valve+Chamber 1 x Washout+Chamber (incl raising piece) 1 x Blanking plate 1 x Extension piece 1 x Temporary disconnection fitting 1 x Flanged reducer 1 x Flanged fused stub
Point 19	2 x Tee (all flanged) 1 x Valve+Chamber 1 x Washout+Chamber (incl raising piece) 1 x Blanking plate 1 x Extension piece 1 x Temporary disconnection fitting 1 x Flanged reducer
Point 20	2 x Tee (all flanged) 1 x Valve+Chamber 1 x Washout+Chamber (incl raising piece) 1 x Blanking plate 1 x Extension piece 1 x Temporary disconnection fitting 1 x Flanged reducer

CUSTOMER ATTENTION - LAY ONLY LOCAL TRENCH WIDTHS

FOR NO MORE THAN 100mm BED AND SUBROCKED TO THAMES WATER PIPE, UNLESS RESTRICTED OTHERWISE BY THAMES WATER

Fire Hydrant location at points 1, 14, 6, 7, 11

WDH - SK100 - Fire Hydrant mark up

REVISION	NO.	DESCRIPTION	DATE
5	REVISION	SUBSERVICES	06/02/2015
4	REVISION		
3	REVISION		
2	MATERIAL CHANGED		
1	FOR INFORMATION		

SITE LOCATION

PHASE 1 ECO TOWN EXEMPLAR SITE BANBURY ROAD, BECESTER, OX26 (SHEET 1 OF 2)

MATERIALS

MATERIAL: MPPE	ØAL: 150mm	LENGTH: 60m
MATERIAL: MPPE	ØAL: 125mm	LENGTH: 20m
MATERIAL: MPPE	ØAL: 90mm	LENGTH: 50m

LEGEND

- Proposed main in different phase
- Existing main
- Main to be abandoned
- Proposed main Dual to be provided by client
- Service connection
- Service connection
- No. of joints
- Valve
- All valve
- Blanking plate
- Closed valve
- Double splice valve
- Fire Hydrant
- Temporary hydrant
- Manhole

GRID REFERENCE

OS 48111 20066

SCALE: 1:500 (B) 27MP2P

THAMES WATER

DESIGNED BY: [Name]

DATE: 06/02/2015