

- WATER SERVICE ROUTES MUST FOLLOW A PREDICTABLE SERVICE ROUTE AND MUST BE CLEAR OF ANY PLANTING WHICH COULD CAUSE DAMAGE OR WILL IMPEDE ITS FUTURE MAINTENANCE.

- SERVICE PIPE DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE INCUMBENT WATER COMPANY DESIGN & CONSTRUCTION SPECIFICATION.

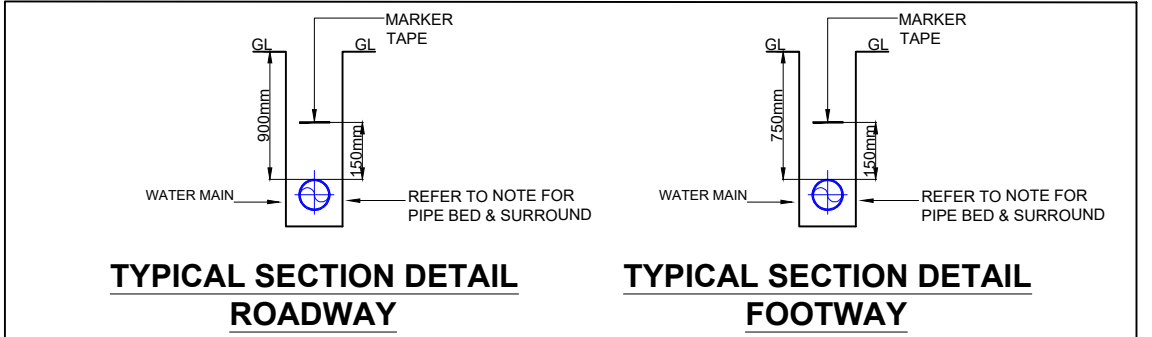
- NOT ALL EXISTING UTILITIES ARE SHOWN. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ON THIS PLAN COULD BE DIFFERENT TO THE ACTUAL LOCATION ON THE SITE. ALL NECESSARY SEARCHES AND SURVEYS SHOULD BE CARRIED OUT PRIOR TO DIGGING. EXCAVATION SHOULD BE CARRIED OUT IN ACCORDANCE WITH HSG47, AVOIDING DANGER FROM UNDERGROUND SERVICES.

- ALL BOUNDARY BOX, WASHOUT AND VALVES TO BE LOCATED OUT THE TACTILE PAVEMENTS.

PIPE SIZES TO BE CONFIRMED ONCE CALCULATIONS ARE COMPLETED
AND POC AND FIRE BRIGADE RESPONSE ARE RECEIVED.
PIPE MATERIAL TO BE CONFIRMED.

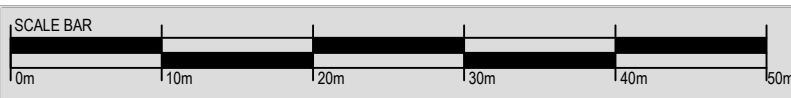


Figure 1: Recommended arrangement of maps in a 2m footpath. The diagram shows a cross-section of a 2m wide footpath with various utility poles and equipment. From left to right, the components are: a standard sign pole (2000mm high), a boundary line, a concrete stop wire (200mm from boundary), a 15m x 15m sign pole (450mm high), a 15m x 15m sign pole (600mm high), a cable TV pole (250mm high), a gas pole (600mm high), a water pole (600mm high), a telecommunication pole (250mm high), and a telecommunication pole (250mm high). Dimensions in mm are indicated for each component and the total width. A green line indicates the recommended arrangement of maps in a 2m footpath. A pink area on the right is labeled 'Carriageway'.



EXCAVATION WIDTHS, PIPE BED & SURROUND THICKNESS									
DIAMETER OF MAIN	63mm	90mm	110mm	160mm	200mm	225mm	250mm	300mm	315mm
NOMINAL EXCAVATION WIDTH	350mm	400mm	400mm	500mm	600mm	600mm	600mm	600mm	600mm
PIPE BED AND SURROUND (COMPACTED)	50mm	75mm	75mm	100mm	100mm	150mm	150mm	150mm	150mm

ALL VALVES TO BE
CLOCKWISE CLOSING



RDACI
UTILITIES ENGINEERING CONSULTANCY

Notes:

GENERAL

1. THIS DRAWING IS FOR PLANNING PURPOSES. CONSULT ALL UTILITY PLANS BEFORE ANY EXCAVATIONS.

2. THIS DRAWING DOES NOT INTEND TO IDENTIFY THE EXACT POSITION OF THE EXISTING APPARATUS. LOCATION OF THE EXISTING APPARATUS MUST IN ALL CASES BE IDENTIFIED BY CONSULTING THE RELEVANT NETWORK OWNERS IN THE AREA.

SERVICE CONNECTIONS
ALL STANDARD SIZE SERVICE CONNECTION PIPEWORK TO BE 25mm
DIAMETER UNLESS STATED OTHERWISE.

IT IS WESSEX WATER POLICY THAT ALL NEW DOMESTIC PROPERTIES MUST BE METERED USING ELSTER V210P METERS AND THE METER SHOULD BE INSTALLED IN BOUNDARY BOXES LOCATED AT THE BOUNDARY OF THE PROPERTY IN THE FOOTPATH, 300mm - 450mm FROM THE PROPERTY BOUNDARY AND AT A MIN 150mm FROM OTHER BOUNDARY BOXES. BOUNDARY BOX TO BE LAY 1/4 TURN RADIAL MANHOLE, PUSH FIT, GRADE CLIP. IF THE BOUNDARY BOX IS IN A VERTICAL ACCESS THEN THE

WATER MAIN LAYING AND SERVICES OFF THE NEW WATER MAIN TO BE PROVIDED BY SLP.
SLP TO INSTALL 2NO. END CONNECTIONS TO THE EXISTING STUB AT X1-Y1 AND X2 - Y1
SLP TO INSTALL TEMPORARY WASHOUTS AT Y1 AND Y2.

CONNECTIONS OFF EXISTING MAINS
N/A
CONNECTIONS OFF NEW MAINS
PLOTS 1 TO 145 TOTAL 145 TO BE INSTALLED BY SLP.
METERS
METERS 1 TO 145, TOTAL 145 METERS TO BE INSTALLED BY SLP.
VALVES

ALL VALVES TO BE ANTICLOCKWISE CLOSING,
FIRE HYDRANTS
TBC

WASHOUTS AND FIRE HYDRANTS WASHOUTS AND FIRE HYDRANTS MUST BE THE SQUAT TYPE (NOMINAL SIZE 80mm INLET/65mm OUTLET) OR THE THROUGH BORE TYPE (NOMINAL SIZE 80mm INLET/80mm BODY/65mm OUTLET) AND SUITABLE FOR CONNECTION TO THE WATER MAINS AT A WORKING HEAD OF UP TO 16 BAR.

ALL OPERATIVES MUST REFER TO THE HEALTH AND SAFETY PLAN;
ALL OPERATIVES MUST WEAR GLOVES, NOT SMOKE, EAT OR DRINK ON SITE
AND MUST WASH HANDS AFTER WORKING.
WATER REGS COMPLIANCE
SLP CONSTRUCTION DEPARTMENT TO ARRANGE ANY NECESSARY WW
REGULATIONS BY LAWS INSPECTION WHILE SERVICE LAYING IN PROGRESS.
ALLOW THREE WORKING DAYS FOR THAMES WATER TO ATTEND.
SEWERAGE DETAIL S.

PLOTS 1 TO 145 TOTAL 145 TO BE CONNECTED TO WW FOUL AND SURFACE WATER SEWERS.

SITE LAYOUT
THIS DRAWING IS BASED UPON THE LATEST LAYOUT PROVIDED BY THE DEVELOPER: DWG P22-2709-DE-01-C-01 - SITE LAYOUT (BIS VALE EAST)

DRAINAGE
THIS DRAWING IS BASED UPON THE LATEST DRAINAGE DESIGN PROVIDED BY THE DEVELOPER: DWG XXXXXXXXX

	EXISTING MAIN
	MAIN TO BE ABANDONED
	PROPOSED MAIN
	PROPOSED MAIN PREVIOUS PH'S
	PROPOSED COMMUNICATION PIPE
	PROPOSED 25mm SUPPLY PIPE
	PROPOSED 32mm SUPPLY PIPE
	PROPOSED DUCT
	EXISTING LV ELECTRIC MAIN
	EXISTING LV ELECTRIC MAIN
	EXISTING EVH ELECTRIC MAIN
	EXISTING LV GAS MAIN
	EXISTING MIP GAS MAIN
	EXISTING IP GAS MAIN
	EXISTING HP GAS MAIN
	EXISTING HP GAS MAIN
	VALVE
	VALVE CHANGE
	PLASTIC POINT OF DELIVERY WITH RO-BOLAR BOX
	METAL POINT OF DELIVERY WITH RO-BOLAR BOX METAL LOGS
	POINT OF DELIVERY WITH AMR METER
	BACK FLOW PREVENTION DEVICE
	FIRE HYDRANT / WASH OUT
	AMR INTERNAL METER (INTERNAL METERING)
	AMR WALL MOUNTED METER BOX
	AMR IN WALL METER BOX
	RO-BOLAR METER BOX

00	-	FIRST DRAFT	VK	10/04/26
REV:	WO:	DESCRIPTION:	BY:	DATE:
DRAWING STATUS:				

DRAFT

**DRAWING FOR INFORMATION
UNLESS CHECKED AND APPROVED!**

Wessex Water:
LEEP Utilities:

DESIGNER: Oscar Rodriguez
+44 (0) 161 513 8788

DEVELOPER DETAILS:
DEVELOPER NAME
DEVELOPER ADDRESS 1
DEVELOPER ADDRESS 2
DEVELOPER POSTCODE



SUP
LEEP Utilities Ltd
Level 2, Metro, 33 Trafford Road
Manchester
Salford,
M5 3NN

SITE:
Ashton Park Ph1 (Barratt Homes)
West Ashton Rd, Trowbridge, Wiltshire
BA14 7XE

OS REFERENCE: E: 387136 , N: 156983	
SLP NO:	DACI NO:

TBC	6423
TITLE: WATER CONSTRUCTION PLAN	

DRAWING NO: DADI-6423-W01		REVISION: 00	SCALE AT A0: 1:500
DATE:	DRAWN:	CHECKED BY:	

09/04/26	VK	REVIEWED By Fleet Marshal: at 11:47 am, Apr 14, 2026
APPROVED BY:		APPROVERS' SIGNATURE: