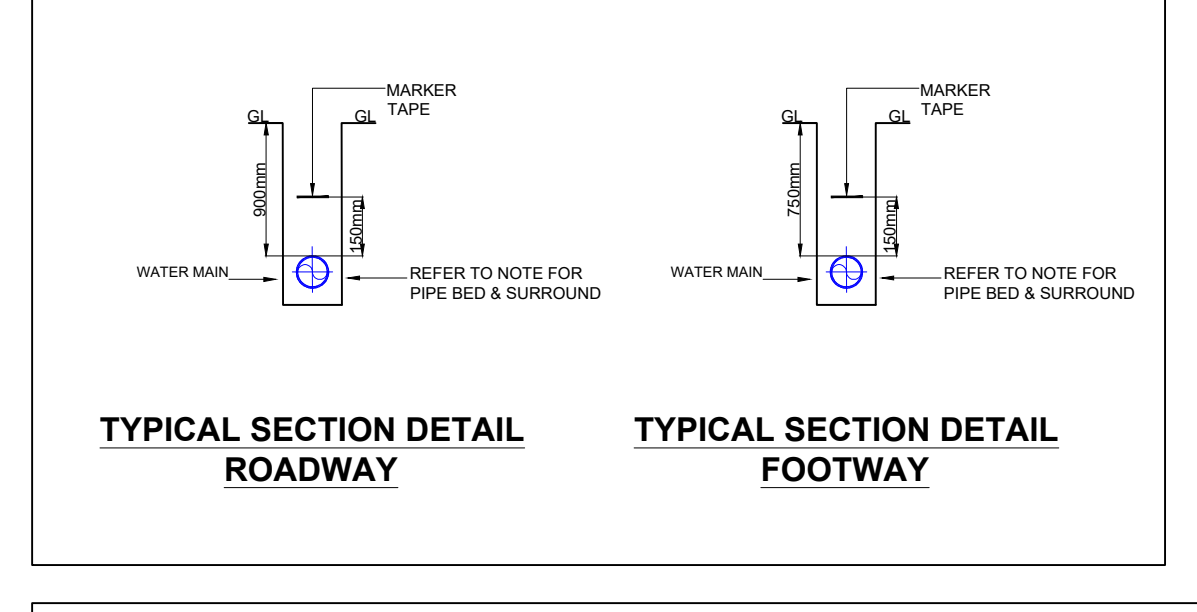


Notes:

SITE LAYOUT
THIS DRAWING IS BASED UPON THE LATEST LAYOUT PROVIDED BY THE DEVELOPER: DWG 1506/POW/HARPENDE ROAD/SITE PLAN

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 125 SERVICE CONNECTION PIPEWORK TO BE 25mm DIAMETER UNLESS STATED OTHERWISE.

METERING DETAILS
IT IS ICOSA POLICY THAT ALL NEW DOMESTIC PROPERTIES MUST BE METERED USING TYPE M200. P METERS IN BOUNDARY BOXES TO BE POSITIONED IN THE FANFARMY OUTSIDE OF THE PROPERTY WITHIN 500MM OF THE PROPERTY BOUNDARY. 150mm/200mm IN LINE OR CONCENTRIC METER TO BE USED FROM ICOSA APPROVED SUPPLIER.

BOUNDARY BOXES
MUST BE ABLE TO INCORPORATE A MANHOLE METER WITH 15° THREAD, STOP TAP AND NON-RETURN VALVE. ALL BOUNDARY BOXES MUST HAVE HEIGHT ADJUSTMENT CAPABILITIES.
WHERE BOUNDARY BOXES ARE USED ON CONTAMINATED SITES, THEY MUST COMPLY WITH WE 4-37-01. BE WATER TIGHT AND SHALL HAVE GUNMETAL CONNECTION FITTINGS THAT ARE ABLE TO ACCEPT EITHER BARRIER PIPE OR PLASTIC COATED COPPER PIPES.

CONTESABLE WORKS
ALL MAINS AND SERVICES TO BE INSTALLED BY CUS INCLUDING THERORY WO AT IT.
CRUC STRAIGHT PEECE THROUGH CONNECTION AT X1-Y1 TO BE COMPLETED BY CUS.
NON-CONTESABLE WORKS
WATER COMPANY TO INSTALL ADVANCE BRANCH, VALVE AND TEMPORARY WO AT X1.
CONNECTIONS OFF NEW MAINS
PLOTS 1 TO 124 & ALL VBN STORES, TOTAL 128 ASSETS TO BE INSTALLED BY CUS.

METERS
METERS TO PLOT 1 TO 124 & ALL VBN STORES, TOTAL 128 METERS TO BE INSTALLED BY CUS.

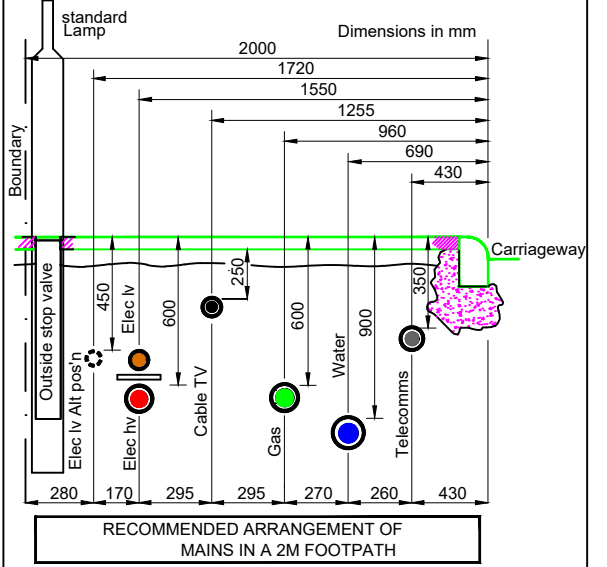
SELEUTORAINS
1 X FH OUTSIDE PLOT 118.
1 X FH OUTSIDE PLOT 20.
1 X FH OUTSIDE PLOT 30.
1 X FH OUTSIDE PLOT 44.
1 X FH OUTSIDE PLOT 72.
1 X FH OUTSIDE PLOT 80.
1 X FH OUTSIDE PLOT 110.
1 X FH OUTSIDE PLOT 101.

HYDRANTS/WASH OUTS
HYDRANTS MUST COMPLY WITH BS750. HAVE A GUNMETAL OR EPOXY COATED STAINLESS STEEL OUTLET. HAVE AN AUTOMATIC FROST VALVE. NO WATER SHALL ESCAPE DURING OPERATION AND THE BODY SHALL FULLY DRAIN AFTERWARDS. ALL HYDRANTS TO BE OF A FIXED JUMPER DESIGN.

CONTAMINATED LAND
TBC

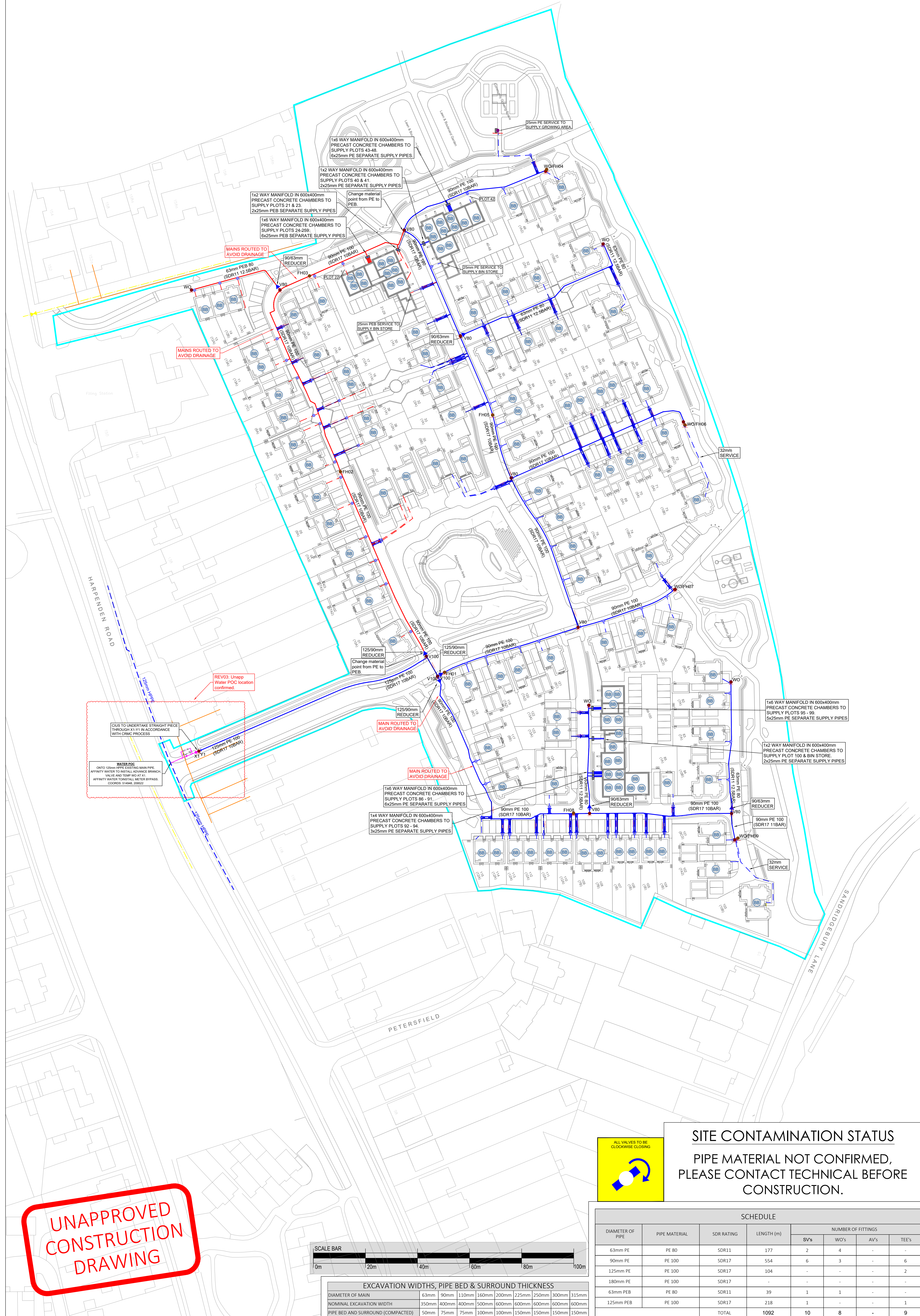
UNCONTAMINATED LAND
TBC

WATER REGS COMPLIANCE
CUS CONSTRUCTION DEPARTMENT TO ARRANGE ANY NECESSARY ICOSA REGULATIONS BY LAWS INSPECTION WHILE SERVICE LAYING IN PROGRESS. ALLOW THREE WORKING DAYS FOR ICOSA TO ATTEND.



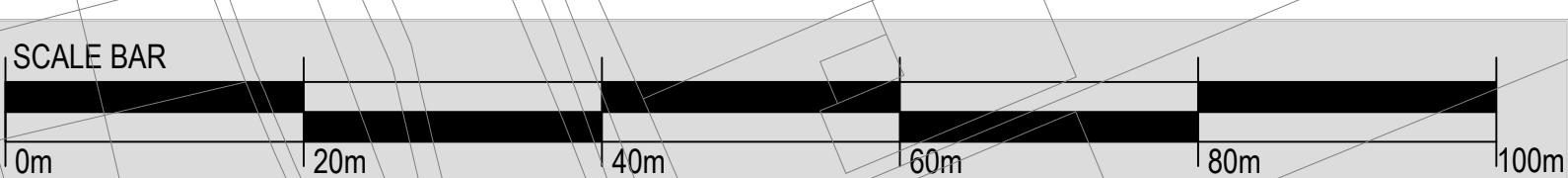
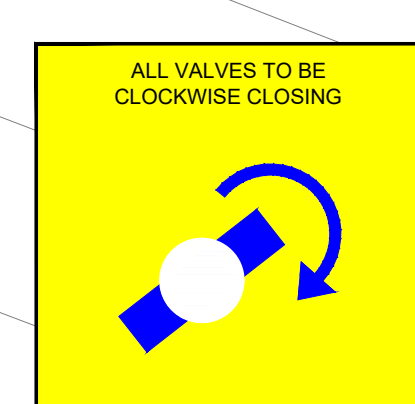
LEGEND

- EXISTING MAIN
- MAIN TO BE ABANDONED
- PROPOSED MAIN
- PROPOSED COMMUNICATION PIPE
- PROPOSED SUPPLY PIPE
- PROPOSED MAIN BP
- PROPOSED BP COMMUNICATION PIPE
- PROPOSED BP SUPPLY PIPE
- PROPOSED DUCT
- VALVE
- DIAMETER CHANGE
- POINT OF DELIVERY WITH BOUNDARY BOX
- POINT OF DELIVERY WITH AMR METER
- FIRE HYDRANT / WASH OUT
- AMR INTERNAL METER
- AMR INTERNAL METER
- AMR WALL MOUNTED METER BOX
- AMR IN WALL METER BOX
- BOUNDARY METER BOX



SITE CONTAMINATION STATUS

PIPE MATERIAL NOT CONFIRMED,
PLEASE CONTACT TECHNICAL BEFORE
CONSTRUCTION.



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	

SCHEDULE

DIAMETER OF PIPE	PIPE MATERIAL	SDR RATING	LENGTH (m)	NUMBER OF FITTINGS			
				SV's	WO's	AV's	TEE's
63mm PE	PE 80	SDR11	177	2	4	-	-
90mm PE	PE 100	SDR17	554	6	3	-	6
125mm PE	PE 100	SDR17	104	-	-	-	2
180mm PE	PE 100	SDR17	-	-	-	-	-
63mm PEB	PE 80	SDR11	39	1	1	-	-
125mm PEB	PE 100	SDR17	218	1	-	-	1
TOTAL			1092	10	8	-	9

03	WATER POC LOCATION CONFIRMED.	MC	UNAPP.	12/1/2025
02	APARTMENT BLOCKS SUPPLY APPROACH UPDATED.	EG	UNAPP.	20/1/2025
01	DRAFT AMENDED AS PER NEW INFO.	AR	UNAPP.	28/1/2025
00	FIRST DRAFT	EG	UNAPP.	04/1/2025
REV.	DESCRIPTION:	BY:	STATUS:	DATE:

AFFINITY WATER: DS0065086
ICOSA: ASSET073092

DESIGNER: ENRIQUE GARCIA
+44 161 521 1256

OS REFERENCE: E: 515066 N: 209623



CLIENT DETAILS:
CALA HOMES (CHILTRIN)
GIMNH HOUSE
MERCURY PARK, WOBBURN GREEN
BUCKINGHAMSHIRE
HP10 0HH

SITE:
HARPENDE ROAD
ST ALBANS
AL3 6BZ

WATER CONSTRUCTION PLAN

DRAWING NO:	MU4739-WO01	REVISION:	03	SCALE AT A3:	1:300
DATE:	06/10/25	DRAWN:	EG	CHECKED BY:	
APPROVED BY:		APPROVERS SIGNATURE:			