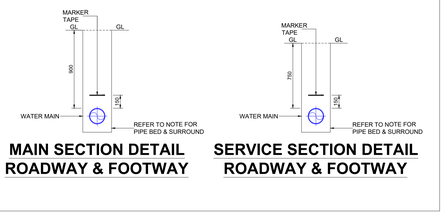
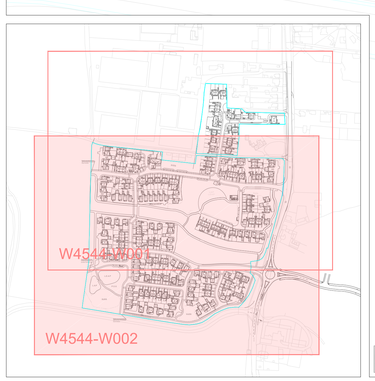


MAIN SECTION DETAIL ROADWAY & FOOTWAY

SERVICE SECTION DETAIL ROADWAY & FOOTWAY

UNAPPROVED CONSTRUCTION DRAWING



SCALE BAR
0m 10m 20m 30m 40m 50m

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.

METERING DETAILS
IT IS ICOSA POLICY THAT ALL NEW DOMESTIC PROPERTIES MUST BE METERED USING TYPE MODEL P METERS IN BOUNDARY BOXES TO BE POSITIONED IN THE PAVEMENT OUTSIDE OF THE PROPERTY WITHIN 500MM OF THE PROPERTY BOUNDARY. 15mm/20mm IN LINE OR CONCENTRIC METER TO BE USED FROM ICOSA APPROVED SUPPLIER.

BOUNDARY BOXES
MUST BE ABLE TO INCORPORATE A MANIFOLD METER WITH 1½" 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 WIS 4-37-01, BE WATERTIGHT AND SHALL HAVE GUNMETAL CONNECTION FITTINGS THAT ARE ABLE TO ACCEPT EITHER BARRIER PIPE OR PLASTIC-COATED COPPER PIPES.

CONTESTABLE WORKS
ALL MAINS AND SERVICES TO BE INSTALLED BY CIUS INCLUDING TEMPORARY WO AT Y1.
CRMC STRAIGHT PIECE THROUGH CONNECTION AT X1-Y1 TO BE COMPLETED BY CIUS.

NON-CONTESTABLE WORKS
PW1 TO INSTALL ADVANCE BRANCH, VALVE AND TEMPORARY WO AT X1.

CONNECTIONS OFF EXISTING MAINS
N/A.

CONNECTIONS OFF NEW MAINS
PLOTS 1 TO 248, TOTAL 248 PLOTS TO BE INSTALLED BY CIUS.

METERS
METERS TO PLOT 1 TO 248, TOTAL 248 METERS TO BE INSTALLED BY CIUS.

FIRE HYDRANTS
7x FH REQUIRED FOR THIS SITE:
FH01 NEAR PLOT 25 ON 90mm MAIN
FH02 NEAR PLOT 78 ON 90mm MAIN
FH03 NEAR PLOT 141 ON 180mm MAIN
FH04 NEAR PLOT 166 ON 125mm MAIN
FH05 NEAR PLOT 210 ON 90mm MAIN
FH06 NEAR PLOT 231 ON 90mm MAIN

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.

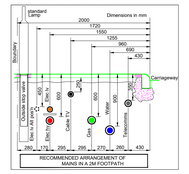
CONTAMINATED LAND (TBC)
AS THE SITE HAS BEEN SHOWN TO HAVE A DEGREE OF CONTAMINATION PRESENT, OUR PROPOSALS INVOLVE THE LAYING OF MAINS & SERVICES IN USING AN APPROVED BARRIER PIPE SYSTEM WHICH WILL PROTECT WATER SUPPLIES FROM INGRESS OF SUCH CONTAMINANTS.
ALL PIPES AND FITTINGS TO BE INSTALLED BY ICOSA AND CIUS/DEVELOPER MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION TO FORM A COMPLETE APPROVED BARRIER PIPE SYSTEM.

UNCONTAMINATED LAND (TBC)
ALL OPERATIVES MUST REFER TO THE HEATH AND SAFETY PLAN.
ALL OPERATIVES MUST WEAR GLOVES. NOT SMOKE. EAT OR DRINK ON SITE AND MUST WASH HANDS AFTER WORKING.

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

SITE LAYOUT
THIS DRAWING IS BASED UPON THE LATEST LAYOUT PROVIDED BY THE DEVELOPER: DWG 37-22-011 Planning Layout

DRAINAGE
THIS DRAWING IS BASED UPON THE LATEST DRAINAGE PROVIDED BY THE DEVELOPER: DWG DS_0707_15_masterplan



LEGEND

- EXISTING MAIN
- MAIN TO BE ABANDONED
- PROPOSED PW BP MAIN
- PROPOSED PE MAIN
- PROPOSED PE COMMUNICATION PIPE
- PROPOSED PE SUPPLY PIPE
- PROPOSED BP MAIN
- 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 (WHERE LOCATED WITH INTERNAL METERS)
- AMR INTERNAL METER
- AMR WALL MOUNTED METER BOX
- AMR IN WALL METER BOX
- BOUNDARY METER BOX

HAZARD

- DANGER EX ELECTRIC
- WARNING MP GAS MAIN

REV:	DESCRIPTION:	BY:	STATUS:	DATE:
00	FIRST DRAFT	EG	UNAPP.	17/06/25

PW: F6377
ICOSA: ASSET074953

DESIGNER:
ENRIQUE GARCIA
+44 161 521 1256

OS REFERENCE:
E: 493609 N: 103682

Connect it Utility Services
Utility Connections www.cius.co.uk

CLIENT DETAILS:
BARRATT DAVID WILSON HOMES
TOLLBAR HOUSE, TOLLBAR WAY
HEDGE END
SOUTHAMPTON
SO30 2UH

SITE:
LAND OFF LIDSEY ROAD
WOODGATE, WEST SUSSEX
PO22 9RG

TITLE:
WATER CONSTRUCTION PLAN 2/2

SCALE AT A0:	DATE:	DRAWN:	CHECKED:
1:500	17/06/25	EG	checked

DRAWING NO:	CIUS NO:	REVISION:
MU4544-W002	MU4544	00

SITE CONTAMINATION STATUS

PIPE MATERIAL NOT CONFIRMED, PLEASE CONTACT TECHNICAL BEFORE CONSTRUCTION.

ALL VALVES TO BE CLOCKWISE CLOSING

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	660	8	7	-	-
90mm PE	PE 100	SDR17	199	2	2	-	-
125mm PE	PE 100	SDR17	128	1	1	-	-
180mm PE	PE 100	SDR17	184	1	2	-	-
63mm PEB	PE 80	SDR11	462	5	7	-	-
90mm PEB	PE 100	SDR17	71	-	2	-	-
125mm PEB	PE 100	SDR17	36	-	-	-	-
180mm PEB	PE 100	SDR17	-	-	-	-	-
250mm PEB	PE 100	SDR17	259	2	1	-	-
		TOTAL	1999	19	22	-	-

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