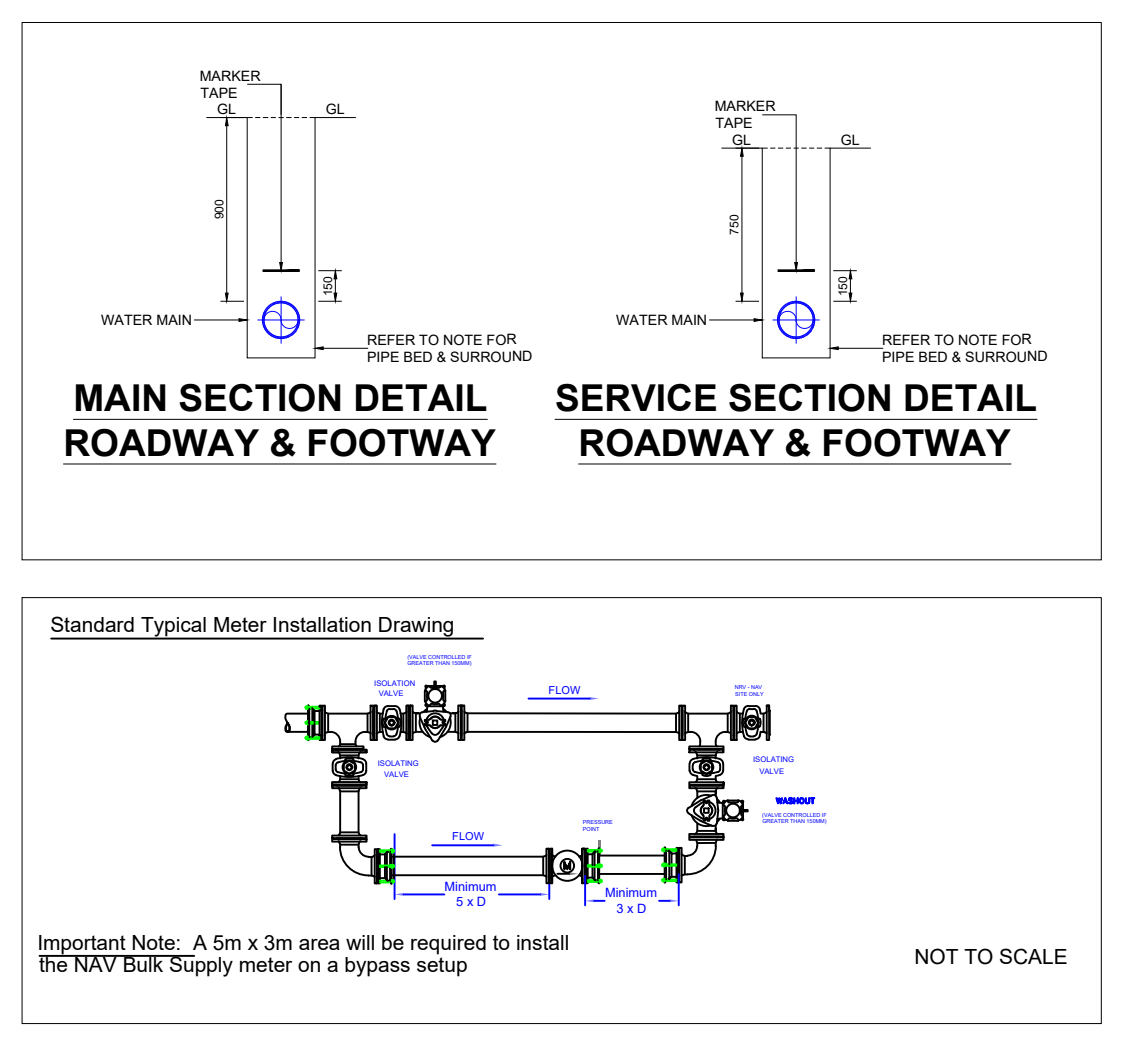
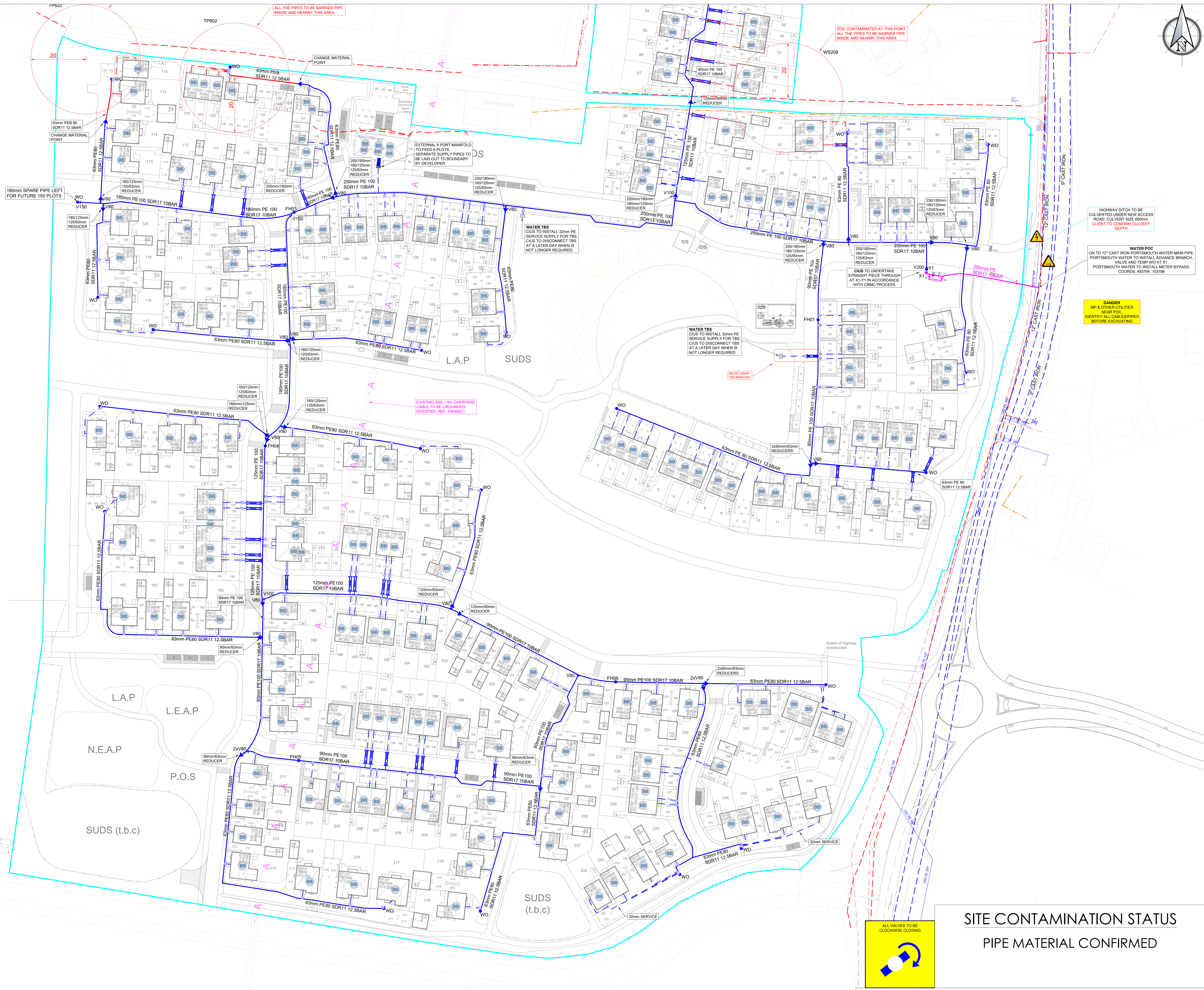




UNAPPROVED
CONSTRUCTION
DRAWING



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 DETERMINED BY IDENTIFYING THE RELEVANT NETWORK OWNERS IN THE AREA.
3. SERVICE CONNECTIONS
ALL STANDARD SERVICE CONNECTION PIPEWORK TO BE 250mm DIAMETER UNLESS STATED OTHERWISE.
METERING DETAILS
IT IS ICOSA POLICY THAT ALL NEW DOMESTIC PROPERTIES MUST BE METERED USING TYPE MODEL Meters IN BOUNDARY BOXES TO BE POSITIONED IN THE PERMANENT OUTSIDE OF THE PROPERTY WITHIN 500MM OF THE PROPERTY BOUNDARY. 150mm/200mm IN USE OR CONCERNING METER TO BE USED FROM ICOSA APPROVED SUPPLIER.
BOUNDARY BOXES
MUST BE ABLE TO INCORPORATE A MANHOLE METER WITH 1/2" THREAD, STOP VALVE AND NON-RETURN VALVE. ALL BOUNDARY BOXES MUST HAVE HEIGHT ADJUSTMENT CAPABILITIES.
WHERE BOUNDARY BOXES ARE USED ON CONTAMINATED SITES, THEY MUST COMPLY WITH WS 4.3 (2), BE WATER TIGHT AND SHALL HAVE GUNMETAL CONNECTION FITTINGS THAT ARE ABLE TO ACCEPT EITHER BARRIER PIPE OR PLASTIC COATED COPPER PIPES.
CONNECTIONS
ALL MAINS AND SERVICES TO BE INSTALLED BY CIUS INCLUDING TEMPORARY WORK AT V1.
CRMC STRAIGHT PIECE THROUGH CONNECTION AT X1-V1 TO BE COMPLETED BY CIUS.
NON-CONTESTABLE WORKS
PWT TO INSTALL ADVANCE BRANCH, VALVE AND TEMPORARY WORK AT V1.
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
747H REQUIRED FOR THIS SITE.
FH01 NEAR PLOT 225 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 100mm MAIN
FH06 NEAR PLOT 231 ON 100mm MAIN
HYDRANTS MUST COMPLY WITH BS730, HAVE A GUNMETAL OR EPOXY COATED STAINLESS STEEL OUTLET, HAVE AN AUTOMATIC PROOF VALVE, NO WATER SHALL ESCAPE DURING OPERATION AND THE BODY SHALL FULLY DRAIN AFTERWARDS. ALL HYDRANTS TO BE OF A FIXED JUMPER DESIGN.
CONNECTIONS
AS THE SITE HAS BEEN SHOWN TO HAVE A DEGREE OF CONTAMINATION, PRESENT, OUR PROPOSAL INVOLVES THE LAYING OF MAINS & SERVICES IN USING AN APPROVED BARRIER PIPE SYSTEM WHICH WILL PROTECT WATER SUPPLY 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.
WATER RESISTANCE
CIUS CONSTRUCTION DEPARTMENT TO ARRANGE ANY NECESSARY ICOSA REGULATIONS IN LANE 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 ST-22-01: Planning Layout
DRAINAGE
THIS DRAWING IS BASED UPON THE LATEST DRAINAGE PROVIDED BY THE DEVELOPER: DWG DS-1007-15: Model Drainage

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
AMR INTERNAL METER WITH INTERNAL METERS
AMR INTERNAL METER
AMR WALL MOUNTED METER BOX
AMR IN WALL METER BOX
BOUNDARY METER BOX

HAZARD

DANGER
WARNING

REVISIONS

REV	DESCRIPTION	EG	UNAPP.	DATE
05	VO-10042: TBS REMOVED.	EG	UNAPP.	16/10/25
04	NEW LAYOUT ADDED, MAINS AMENDED (VO-9859)	EG	UNAPP.	01/10/25
03	TBS ADDED (VO-9398)	EG	UNAPP.	28/08/25
02	BYPASS SLIGHTLY MOVED AND MAINS AROUND UPDATED.	EG	UNAPP.	23/07/25
01	DESIGN AMENDED AS PER CIUS COMMENTS.	EG	UNAPP.	01/07/25
00	FIRST DRAFT	EG	UNAPP.	17/04/25

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 OF PLAN: 1:500
DATE: 17/06/25
DRAWN: EG
CHECKED: JS

DRAWING NO: MU4544-W002
CIUS NO: MU4544
REVISION: 05

SCHEDULE

DIAMETER OF PIPE	PIPE MATERIAL	SDR RATING	LENGTH (m)	NUMBER OF FITTINGS			
				SV's	WO's	AV's	TEE's
63mm PEB	BARRIER PIPE	SDR11	53	-	3	-	-
63mm PE	PE 80	SDR11	1263	15	22	-	1
90mm PE	PE 100	SDR17	460	4	4	-	6
125mm PE	PE 100	SDR17	167	2	1	-	2
180mm PE	PE 100	SDR17	141	2	2	-	7
250mm PE	PE 100	SDR17	254	1	1	-	8
	TOTAL		2271	24	30	-	24

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