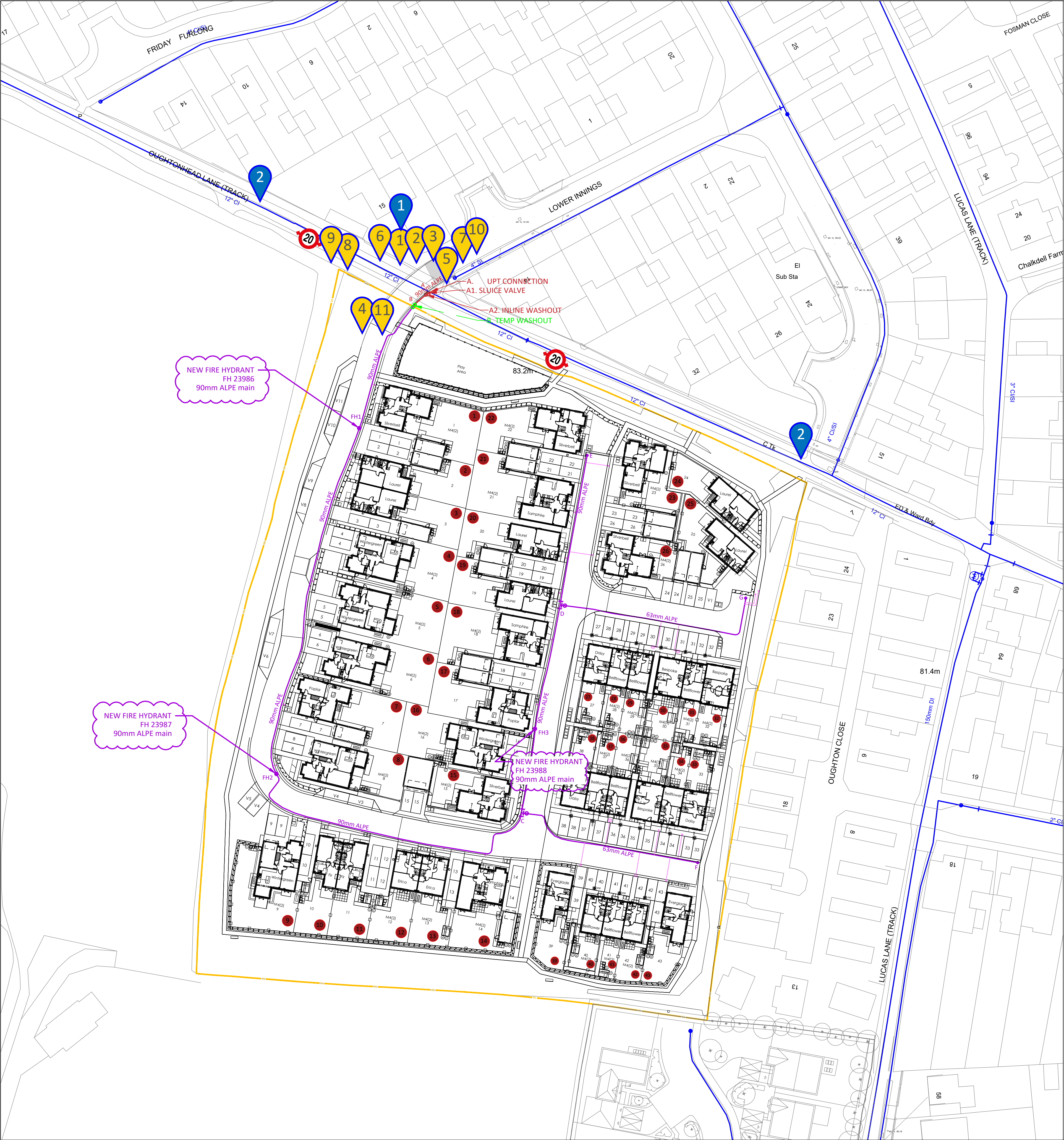
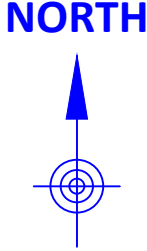




NOT FOR CONSTRUCTION



DANGER
DEEP EXCAVATION
(EXCEEDS 1.2M)

1

DANGER
CONFINED SPACE

2

WARNING
HIGH NOISE LEVEL

3

WARNING
PRIVATE UTILITIES

4

WARNING
UPT / MAIN UNDER PRESSURE

5

CAUTION
TREES/HEDGES

6

WARNING
LP/ MP GAS

7

WARNING
FIBRE OPTIC

8

CAUTION
TELECOMMUNICATIONS

9

CAUTION
WASTE WATER

10

CAUTION
CONTAMINATED LAND

11

UPT COUPON
ø76mm CUTTER TO BE USED

1

ROAD CLOSURE

2

FITTINGS LIST

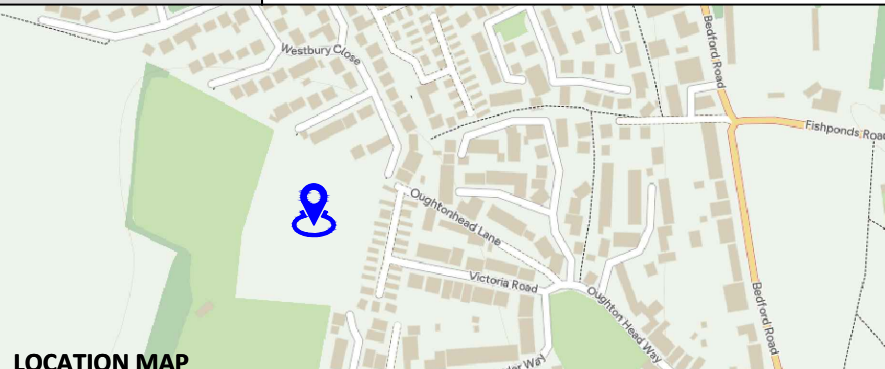
AT	DETAILS
SoW	EXISTING 12" CI ALONG LOWER INNINGS
A	UPT CONNECTION
A1	80MM SLUICE VALVE
A2	80MM INLINE WASHOUT
B	B2B - REMOVE HYDRANT & TEMP WASHOUT
FH1	80MM FIRE HYDRANT - FH 23986
FH2	80MM FIRE HYDRANT - FH 23987
FH3	80MM FIRE HYDRANT - FH 23988

CONNECTION ONSITE DETAILS

COMMUNICATION (CONNECTION) PIPES SHOWN FROM MANIFOLD TO PROPERTY ARE INDICATIVE ONLY				
PLOT	HOST MAIN	COMMS PIPE	MANIFOLD	LENGTH (M)
1 - 22	90MM ALPE	25MM	SINGLE	1
23	90MM ALPE	25MM	SINGLE	6
24	63MM ALPE	25MM	SINGLE	7
25	63MM ALPE	25MM	SINGLE	5
26	90MM ALPE	25MM	SINGLE	6
27 - 29	63MM ALPE	63MM	3PORT	8
30 - 32	63MM ALPE	63MM	3PORT	8
33 - 34	63MM ALPE	25MM	SINGLE	7
35 - 38	63MM ALPE	63MM	4PORT	7
39	63MM ALPE	25MM	SINGLE	6
40 - 42	63MM ALPE	63MM	3PORT	6
43	63MM ALPE	25MM	SINGLE	6

SCALE	1: 500	DESIGNED BY	N.Thomas	DATE	30/10/2024	REV	REVISION DETAILS	BY	APP	DATE	REVISION DETAILS	BY	APP	DATE
REV NO.	T1	CHECKED BY	Rob King	DATE	24/10/2024		ISSUED FOR TENDER	NT	AC	30/10/24				
PAPER SIZE	A1	APPROVED BY	A. Curran	DATE	30/10/2024									
P - Preliminary Issue, T - Tender Issue, PC - Pre - Construction Issue, C - Construction Issue, A - Aslaid Issue														

DS NUMBER	DS0058036 - Oughtonhead Ln
ADDRESS	OUCHTONHEAD LANE HITCHIN HERTS SG5 2NA
CUSTOMER	James Forbes
OS REFERENCE	517542, 229635
DISTRICT METER ZONE	DMA 3005 - LUCAS LANE, HITCHIN
WATER SUPPLY ZONE	32 - HITCHIN
HDZ	16-HITCHIN
RESOURCE ZONE	03 - LEE
HIGHWAY AUTHORITY	HERTFORDSHIRE
///WHAT3WORDS	///points.snap.ramp



GENERAL KEY	
	WASOUT
	VALVE
	METER
	NON-RETURN VALVE
	REDUCING VALVE
	ISOLATE VALVE
	SAFETY REGISTER

UTILITY / BOUNDARY KEY	IDENTIFIED	NOTES
WATER	YES	Notes LP - Cadent Gas
GAS	YES	Notes LV - UKPN
ELECTRIC	YES	Notes BT - Telecommunications
COMMS	YES	Notes FW - Anglian Water
WASTE WATER	YES	Notes
OTHER	YES	Notes

EXISTING UTILITIES HIGHLIGHTED ON THIS DRAWING ARE FOR INDICATION ONLY. OTHER UTILITIES MAY BE PRESENT THAT HAVE NOT BEEN IDENTIFIED. REFER TO INDIVIDUAL UTILITY PROVIDER DRAWINGS FOR CONSTRUCTION PHASE.

- All stop cocks located in roads or vehicle cross overs should be suitable for the expected vehicular loading.
- Communication pipes in carriageway to be ducted.
- Ducts for service pipes to be supplied and laid by developer at a depth of 750mm and should project 300mm beyond kerb line.
- Water mains are not laid in ducts.
- All hazard symbols are an approximate location and should be verified prior to works commencing.
- All joints are to be welded with either Densol or Silicone Tape (Densol is not to be used on Polyethylene or Barrier Pipes).

BARRIER PIPE REQUIRED

AT	DETAILS
SoW	EXISTING 12" CI ALONG LOWER INNINGS
A - B	10M OF 90MM ALPE SDR 17
TOTAL	10M OF OFFSITE MAIN

AT	DETAILS
SoW	EXISTING 12" CI ALONG LOWER INNINGS
B - C	195M OF 90MM ALPE SDR 17
C - D	51M OF 90MM ALPE SDR 17
D - E	37M OF 90MM ALPE SDR 17
C - F	46M OF 63MM ALPE SDR 17
D - G	53M OF 63MM ALPE SDR 17
TOTAL	283M OF 90MM ALPE SDR 17 99M OF 63MM ALPE SDR 17 TOTAL - 382M OF ONSITE MAINS

All dimensions are in millimetres, unless otherwise stated.
All dimensions to be checked on site prior to commencement of any work.
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The position of utility services and apparatus shown on this plan is provided for guidance only. Therefore the company accepts no responsibility in the event of inaccuracy. The actual position of apparatus must be determined on site by making hand dug trial holes. The Company requires a minimum of two working days notice of the intention to excavate trial holes.
Except where prior written permission has been obtained, it is an offence under Section 174 of the Water Industry Act 1991 to operate or interfere with any valves, hydrants or other apparatus vested in Affinity Water Limited.
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ALL DIMENSIONS MUST BE CHECKED ON SITE & NOT SCALED FROM THIS DRAWING. DIMENSIONS ARE ±10mm.

NOTES:		
MAIN DEPTH (INC. FERRULES) MINIMUM DEPTH TO THE CROWN (IF MINIMUM DEPTH NOT ACHIEVABLE, LIAISE WITH LOCAL NETWORK TEAM)		
EASEMENTS FOR LAND MARKED FOR DEVELOPMENT OR LAND USE CHANGES WITHIN THE NEXT 20YRS IN THE LOCAL PLAN		
DUCTING MINIMUM DEPTH OF DUCTING TO CROWN 900MM (HIGHWAY, FOOTPATH & VERGE) 1200MM (PRIVATE LAND, FIELDS) (IF MINIMUM DEPTHS NOT ACHIEVABLE, LIAISE WITH LOCAL NETWORK TEAM)		
COMMUNICATION PIPES: COMMUNICATION PIPES AND DUCT PLACEMENT ON THE DRAWING ARE FOR INDICATIVE PURPOSES ONLY TO AID IN IDENTIFYING THE NUMBER OF CONNECTIONS AND DUCTS REQUIRED. THESE POSITIONS ARE SUBJECT TO CHANGE BASED ON SITE SPECIFIC REQUIREMENTS AND / OR CHANGES IN THE WATER MAINS OR SITE LAYOUT. DEVELOPER TO INFORM AFFINITY WATER OF ANY REQUIRED CHANGES.		