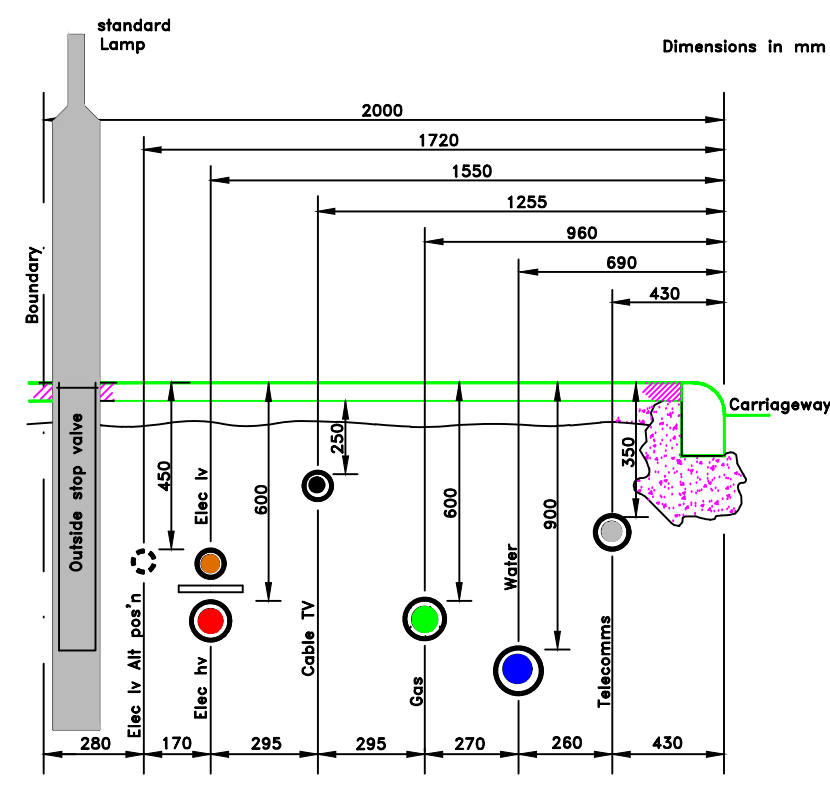
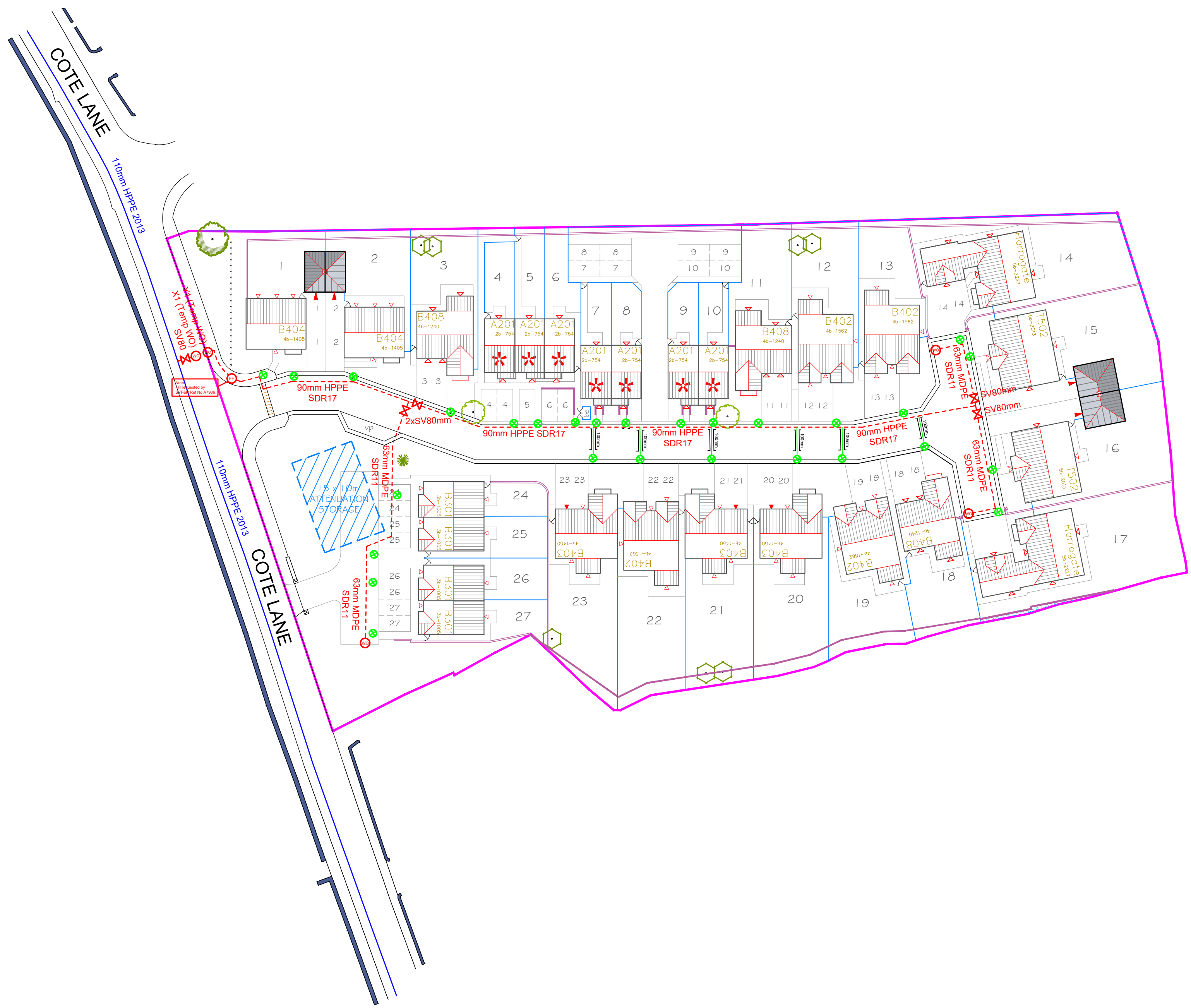


DRAFT LAYOUT



RECOMMENDED ARRANGEMENT OF MAINS IN A 2M FOOTPATH

Notes:

Ground Condition Assessment Statement

The Environmental Consultant reports that the site is greenfield and there is no hydrocarbon contaminants present at levels above the threshold trigger levels and the appropriate pipe material and protection measures are to install MDPE and HPPE water mains and water services

Works by Yorkshire Water:-

Provide ancillary works and spur branch to connect new main to existing YW network at POC shown to temporary WO X1.

Works by Ailsa Water Design Consultancy Limited:-

Design new mains and services (WIRS Design scope)

Works by appointed construction SLP:-

Install new mains and services including testing, commissioning and testing (WIRS CMS scope) including temporary WO Y1.

Control of Routine Mains Connections (WIRS CRMC scope)

All works to comply with current Self Lay CoP and Yorkshire Water's addendum to the CoP.

All thrust blocks to be C20 concrete and cast against a face of undisturbed ground, if ground conditions are unsuitable refer situation to design engineer.

Material Specification:

All pipe materials to be PE100 HPPE SDR17 and PE 80 MDPE SDR11 and all joints to be made with the manufacturers EFC couplings.

Sluice Valves to be anti-clockwise to close.

All Hydrants and Wash Outs to be Viking Johnson through bore hydrant s

For single domestic properties, individual property connections shall be made in 25mm MPDE SDR11. Where service pipe ducts are used they shall be blue plastic 50mm diameter

Metering to be in a 'Elster Smart Metering' boundary box located in the footpath within 0.5m of the pin kerb.

Underground chambers for sluice valves, washouts and fire hydrants shall be of a standard 230 by 380mm clear opening and branded YW (as manufactured by Thomas Dudley to ensure correct badging)

LEGEND		
	EXISTING MAIN	
	PROPOSED MAIN	
	PRIVATE MAIN	
	MAIN TO ABANDONED	
	SITE BOUNDARY LINE	
	WASHOUT	
	DUCTS FOR SERVICE CONNECTIONS IN ROAD CROSSINGS	
	FIRE HYDRANT	
	SLUICE VALVE (ANTI CLOCKWISE UNLESS STATED)	
	PROPOSED COMMUNICATION PIPE, STOP TAP & METER(POSITION TO BE AGREED ON SITE)	
	PROPOSED LARGE COMMUNICATION PIPE / MANIFOLD & STOP TAPS / METERS (POSITION TO BE AGREED ON SITE)	
	INTERNAL AMR METERING (AUTOMATED METER READING)	

C	25.11.19	Developer request for mains routing to plots 24 -27 to be changed
B	15.10.19	Mains layout altered and FH added at site entrance
A	21.02.19	Initial Design
Revision	Date	Details

Ailsa Water Design Consultancy Ltd

Tel : 07563625067
Email : ailsawaterdesign@outlook.com
Contact person : Murray McDonald

11 Ailsa View
Stewarton
Ayrshire
KA3 5HF

Scheme Title : Cote Lane, Thurgoland, Sheffield, S35 7AB

Scheme Details : Self Lay Water Design Layout

Pipe lengths :-
63mm MDPE SDR11 onsite x77m
90mm HPPE SDR17 onsite x127m
90mm HPPE SDR17 offsite x5m

Developer : Berkeley DeVeer

DESIGNER:	Ailsa Water Design	X1DEV NO	TBC
DATE:	29.08.2019	YW ORDER NO	TBC
SCALE:	1:500 at A1	YW ORDER NO	TBC
GRID REF	429130, 400630	FIRE REF:	A7906
DRG REF:	91028092	DRAWING REV:	C