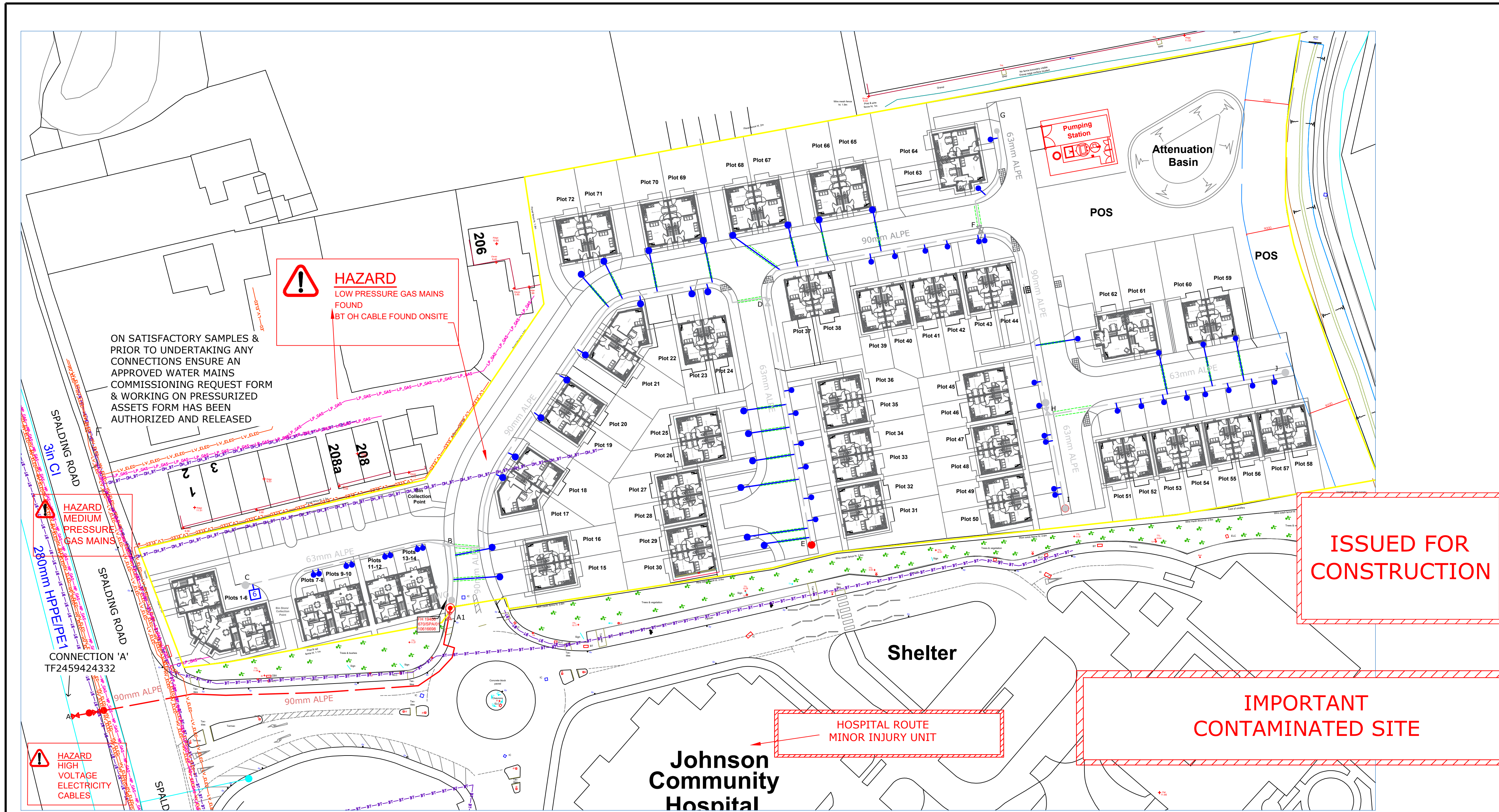




Plot	Near/Far Side	Single / Manifold	Main Size & Type	On/Off	Plot	Near/Far Side	Single / Manifold	Main Size & Type	On/Off
1	NS	6	63mm ALPE	ON	38	NS	S	90mm ALPE	ON
2	NS	6	63mm ALPE	ON	39	NS	S	90mm ALPE	ON
3	NS	6	63mm ALPE	ON	40	NS	S	90mm ALPE	ON
4	NS	6	63mm ALPE	ON	41	NS	S	90mm ALPE	ON
5	NS	6	63mm ALPE	ON	42	NS	S	90mm ALPE	ON
6	NS	6	63mm ALPE	ON	43	NS	S	90mm ALPE	ON
7	NS	S	63mm ALPE	ON	44	NS	S	90mm ALPE	ON
8	NS	S	63mm ALPE	ON	45	NS	S	90mm ALPE	ON
9	NS	S	63mm ALPE	ON	46	NS	S	90mm ALPE	ON
10	NS	S	63mm ALPE	ON	47	NS	S	63mm ALPE	ON
11	NS	S	63mm ALPE	ON	48	NS	S	63mm ALPE	ON
12	NS	S	63mm ALPE	ON	49	NS	S	63mm ALPE	ON
13	NS	S	63mm ALPE	ON	50	NS	S	63mm ALPE	ON
14	NS	S	63mm ALPE	ON	51	NS	S	63mm ALPE	ON
15	FS	S	90mm ALPE	ON	52	NS	S	63mm ALPE	ON
16	FS	S	90mm ALPE	ON	53	NS	S	63mm ALPE	ON
17	NS	S	90mm ALPE	ON	54	NS	S	63mm ALPE	ON
18	NS	S	90mm ALPE	ON	55	NS	S	63mm ALPE	ON
19	NS	S	90mm ALPE	ON	56	NS	S	63mm ALPE	ON
20	NS	S	90mm ALPE	ON	57	NS	S	63mm ALPE	ON
21	NS	S	90mm ALPE	ON	58	NS	S	63mm ALPE	ON
22	NS	S	90mm ALPE	ON	59	FS	S	63mm ALPE	ON
23	NS	S	90mm ALPE	ON	60	FS	S	63mm ALPE	ON
24	NS	S	90mm ALPE	ON	61	FS	S	63mm ALPE	ON
25	FS	S	63mm ALPE	ON	62	FS	S	63mm ALPE	ON
26	FS	S	63mm ALPE	ON	63	NS	S	63mm ALPE	ON
27	FS	S	63mm ALPE	ON	64	NS	S	63mm ALPE	ON
28	FS	S	63mm ALPE	ON	65	NS	S	90mm ALPE	ON
29	FS	S	63mm ALPE	ON	66	NS	S	90mm ALPE	ON
30	FS	S	63mm ALPE	ON	67	NS	S	90mm ALPE	ON
31	NS	S	63mm ALPE	ON	68	NS	S	90mm ALPE	ON
32	NS	S	63mm ALPE	ON	69	NS	S	90mm ALPE	ON
33	NS	S	63mm ALPE	ON	70	NS	S	90mm ALPE	ON
34	NS	S	63mm ALPE	ON	71	NS	S	90mm ALPE	ON
35	NS	S	63mm ALPE	ON	72	NS	S	90mm ALPE	ON
36	NS	S	63mm ALPE	ON					
37	NS	S	90mm ALPE	ON					

SPALDING ROAD IS A PERMIT ROADS (30MPH) UNDER LINCOLNSHIRE COUNTY COUNCILS JURISDICTION. IT IS A TRAFFIC SENSITIVE ROAD AND IS A ROUTE TO A HOSPITAL

CONTAMINATED SITE - INCOMPLETE SOIL REPORT PPE TO BE WORN AT ALL TIMES
WATER MAIN TO BE LAID IN BARRIER PIPE (ALPE)

WATER MAIN TO BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDED NJUG ARRANGEMENT 0.690m FROM THE KERB AND THE MAINS MUST BE A MINIMUM OF 2.0m FROM ANY BUILDINGS. IF THIS CAN NOT BE MET THE MAIN WILL BE LAID WITHIN THE PROPOSED ROAD

WHERE A BOUNDARY BOX HAS BEEN REQUESTED BY THE DEVELOPER TO SERVE A PROPERTY THAT BOX WILL BE INSTALLED JUST WITHIN THE BOUNDARY OF THE PROPERTY TO WHICH IT IS CONCERNED WHERE ACCEPTABLE
(IF THE BOUNDARY BOX IS SITED IN SOFT STANDING A CONCRETE SURROUND IS REQUIRED)

PRIOR TO UNDERTAKING ANY CONNECTIONS ENSURE SATISFACTORY SAMPLE RESULTS. ALSO THAT AN APPROVED WATERS MAINS COMMISSIONING REQUEST FORM & A WORKING ON PRESSURIZED ASSETS FORM HAVE BEEN AUTHORIZED & RELEASED

MAINS IN RED:
TO BE LAID
MAINS IN GREY:
TO BE LAID(FUTURE)

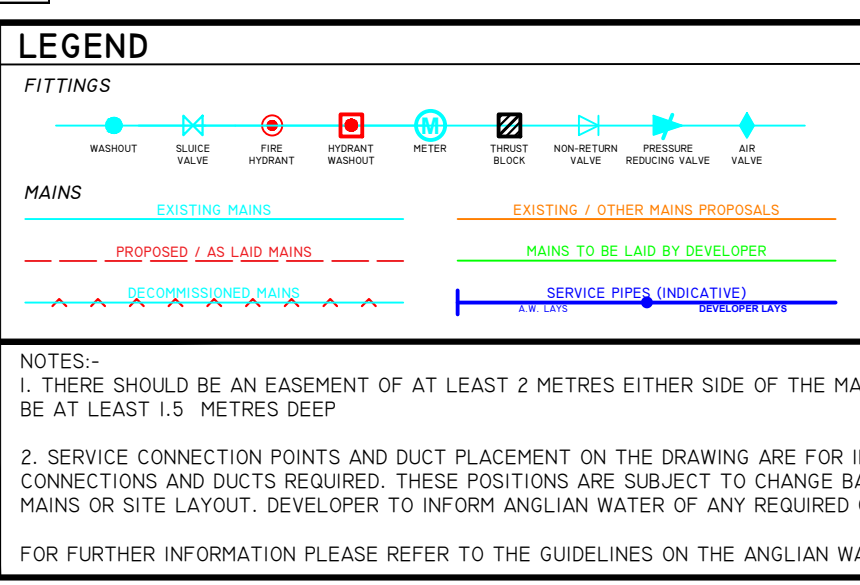
MAINS DUCT SIZES FOR BARRIER PE:-
63mm AL PE - SDR 11 - 12.5 Bar = MIN 100mm BORE DUCT
90mm AL PE - SDR 11 - 10 Bar = MIN 150mm BORE DUCT
125mm AL PE - SDR 17 - 10 Bar = MIN 200mm BORE DUCT
180mm AL PE - SDR 17 - 10 Bar = MIN 250mm BORE DUCT

25mm AL PE - MIN 50mm BORE DUCT + 750mm COVER
BOUNDARY BOX = MIN 100mm BORE DUCT +750mm COVER

OTHER UTILITIES DEPICTED ARE INDICATIVE ONLY AND NOT TO SCALE

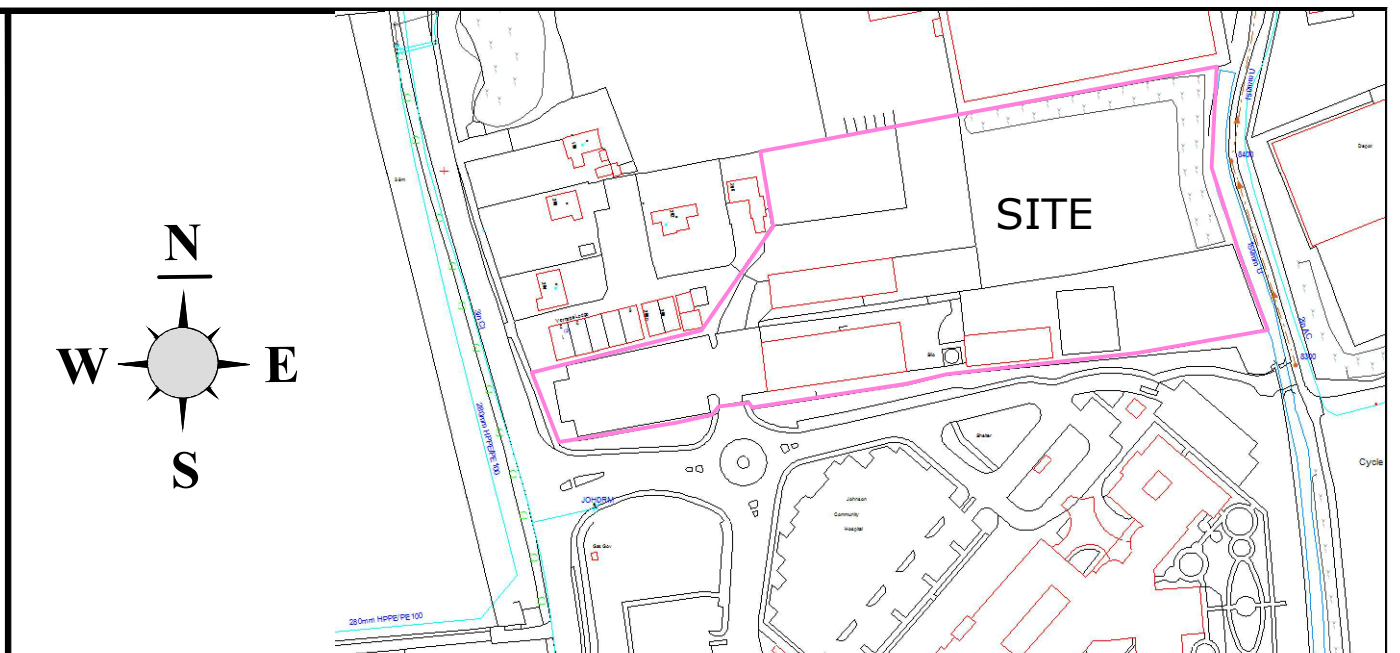
NOTE:
EXISTING BURIED UTILITY SERVICES HAVE BEEN COPIED ONTO THIS DRAWING FROM UTILITY RECORDS. ORIGINAL UTILITY RECORDS SHOULD BE USED TO CHECK INFORMATION. BEWARE THAT THERE MAY BE SOME UNKNOWN BURIED UTILITY SERVICES PRESENT.

Revision	Description	By	App	Date
C	CONNECTION 'AT A' AMENDED	KJ	KA	29.01.21
B	Issued for construction, Utilities Checked	YN		08.01.21
A	ADDITUDN OF FH AT FH19406-10616698- SV CHANGES UTILS UPDATED	YF	MR	21/10/20
REV	DETAILS	BY	APP	DATE

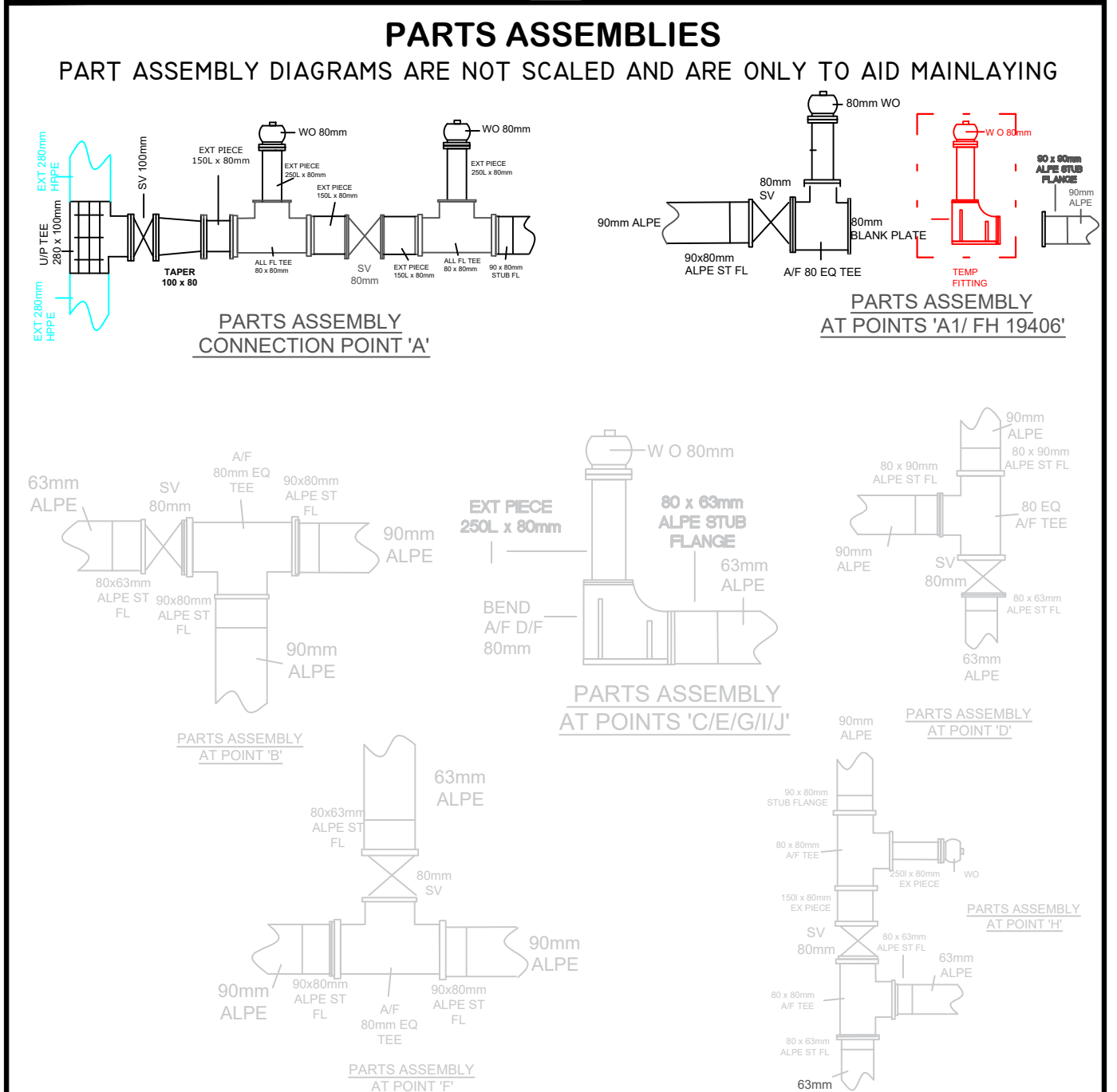


CDM RESPONSIBILITIES	Anglian Water	AW IMDS contractor	Developer
Client			ONSITE
Principle Designer			ONSITE
Designer	ONSITE		
Principle Contractor			ONSITE
Contractor		ONSITE	

CDM HAZARD CONSIDERATIONS					
Land Ownership & adjacent land uses - SURROUNDING RESIDENTIAL/ HOSPITAL AND FARM LAND Noise & working restrictions - RESIDENTIAL AREA Traffic management & compliance with NRSWA Development traffic / hazards Underground plant/services & overhead cables - BT OH AND UNDERGROUND - MPLP GAS - HV/LV CABLES Contamination & harmful substances - SITE CLASSSED AS CONTAMINATED - SOIL REPORT MISSING DATA Manual Handling & storage of materials Hospital next to site - MINOR INJURY UNIT Ambulance route on road leading to the site					
CONTAMINATION					
CONTAMINATED?	Y	MAIN MATERIAL	ALPE	RISK TO PERSONNEL?	YES. DUE TO LIMITED SOIL ANALYSIS THE SITE IS CONTAMINATED. PPE TO BE WORN AND AWARENESS AT ALL TIMES. ANY POSSIBLE CONTAMINATION TO BE REPORTED TO SENIOR
WHOLE SITE OR PARTIAL?	W	SERVICE MATERIAL	ALPE		
APPROPRIATE PPE MUST BE WORN AT ALL TIMES					



MAINLAYING & CONNECTION DETAILS			
AT	DETAILS	AT	DETAILS
A	Undertake a under pressure connection onto existing 280mm HPPE main with 80mm SV on branch and C/O arrangement. Lay 86m of 90mm ALPE pipe with 10mm SV and TWO	F	INSTALL 63mm ALPE TEE WITH 80mm SV ON BRANCH AND 80mm ALPE ST FL
A1	UNDERTAKE BACK TO BACK CONNECTION REMOVE TWO AND RETAIN IN LINE FH AND PIECE THROUGH	D-F	Lay 42m of 90mm ALPE
A-A1	Lay 90m of 90mm ALPE	G	INSTALL END WO
B	INSTALL ALPE END TO TEE WITH 80mm SV ON BRANCH AND 80mm ALPE ST FL	F-G	Lay 24m of 63mm ALPE
A1-B	Lay 12m of 90mm ALPE	H	INSTALL ALPE 80mm EQ TEE WITH IN LINE 80mm SV AND A/F 80mm EQ TEE WITH WO
C	INSTALL END WO	F-H	Lay 44m of 90mm ALPE
B-C	Lay 44m of 63mm ALPE	I	INSTALL END WO
D	INSTALL ALPE 80mm EQ TEE WITH IN LINE 80mm SV AND 80mm ALPE ST FL	H-I	Lay 18m of 63mm ALPE
B-D	Lay 100m of 90mm ALPE	J	INSTALL END WO
E	INSTALL END WO	H-J	Lay 48m of 63mm ALPE
D-E	Lay 51m of 63mm ALPE		



UTILITIES			
UTILITY PRESENT WITHIN AREA OF WORKS?			
UTILITY	PRESENT?	LEGEND	NOTES
GAS	YES	LP GAS - LP GAS - LP GAS - LP GAS - LP GAS HP GAS - HP GAS - HP GAS - HP GAS - HP GAS HP GAS - HP GAS - HP GAS - HP GAS - HP GAS	MP / LP GAS FOUND IN THE CONNECTION/ WORKING AREA AND RUNNING DOWN SPALDING ROAD. LP ALSO FOUND ABOVE SITE.
ELEC	YES	HV, ELEC - HV, ELEC - HV, ELEC - HV, ELEC LV, ELEC - LV, ELEC - LV, ELEC - LV, ELEC SH, ELEC - SH, ELEC - SH, ELEC - SH, ELEC	HV / LV ELECTRIC FOUND IN THE CONNECTION AND WORKING AREA, LV FOUND AT THE TOP OF THE SITE
BT	YES	BT - BT - BT - BT - BT - BT - BT - BT BT - BT - BT - BT - BT - BT - BT - BT BT - BT - BT - BT - BT - BT - BT - BT	BT CABLES FOUND RUNNING DOWN SPALDING ROAD AND INTO THE FOOTPATH NEAR MAIN LAYING WORK. BT FOUND CROSSING INTO THE SITE.
SEWERS	NO	TSA - TSA - TSA - TSA - TSA - TSA - TSA SURFACE - SURFACE - SURFACE - SURFACE - SURFACE - SURFACE	NOT FOUND PRESENT
VIRGIN MEDIA	NO	VM - VM - VM - VM - VM - VM - VM - VM	NOT FOUND PRESENT

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The information shown on this drawing is based on the best available information but the actual position of all apparatus must be regarded as approximate and MUST be established by trial holes. No liability whatsoever is accepted for any error or omission.

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anglianwater

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PROJECT AND DRAWING TITLE			
GEDA CONSTRUCTION LLP PHASE 1, SPALDING RD PINCHBECK PE11 3PB			
DESIGNED: YF KA	DATE: 07/05/20	CHECKED: KJC	DATE: 11/05/20
DRAWN: YF	DATE: 07/05/20	APPROVED: KA	DATE: 12/05/20
SCALE: 1:500	A1	Grid Ref.	TF2469724396
DRAWING No. 155152/1/0075949	INFLOW Ref. NMC-0075949	10590946	REV. C