DO NOT SCALE

SERVICE DETAILS									SERVICE DETAILS								
PLOT	NEAR/FAR SIDE	SINGLE/ MANIFOLD	MAIN SIZE & TYPE	PLOT	NEAR/FAR SIDE	SINGLE/ MANIFOLD	MAIN SIZE & TYPE		PLOT	NEAR/FAR SIDE	SINGLE/ MANIFOLD	MAIN SIZE & TYPE	PLOT	NEAR/FAR SIDE	SINGLE/ MANIFOLD	MAIN SIZE & TYPE	
1	FS	6	Ext 4" CI	23	NS	S	125mm HPPE		43	NS	4	90mm HPPE	65	FS	S	90mm HPPE	
2	FS	6	Ext 4" CI	24	NS	S	125mm HPPE		44	NS	4	90mm HPPE	66	FS	4	90mm HPPE	
3	FS	6	Ext 4" CI	25	NS	2	125mm HPPE		45	NS	4	90mm HPPE	67	FS	4	90mm HPPE	
4	FS	6	Ext 4" CI	26	NS	2	125mm HPPE		46	NS	4	90mm HPPE	68	FS	4	90mm HPPE	
5	FS	6	Ext 4" CI	27	NS	S	125mm HPPE		47	FS	S	90mm HPPE	69	FS	4	90mm HPPE	
6	FS	6	Ext 4" CI	28	NS	S	125mm HPPE		48	FS	S	90mm HPPE	70	NS	6	90mm HPPE	
7	NS	S	125mm HPPE	29	NS	S	125mm HPPE		49	FS	S	90mm HPPE	71	NS	6	90mm HPPE	
8	NS	S	125mm HPPE	30	NS	S	90mm HPPE		50	FS	S	90mm HPPE	72	NS	6	90mm HPPE	
9	NS	S	125mm HPPE	31	NS	S	90mm HPPE		51	FS	S	90mm HPPE	73	NS	6	90mm HPPE	
10	NS	S	125mm HPPE	32	NS	S	90mm HPPE		52	FS	S	90mm HPPE	74	NS	6	90mm HPPE	
11	NS	S	125mm HPPE	33	NS	4	90mm HPPE		53	FS	S	90mm HPPE	75	NS	6	90mm HPPE	
12	NS	S	125mm HPPE	34	NS	4	90mm HPPE		54	NS	S	90mm HPPE	76	NS	S	90mm HPPE	
13	NS	S	125mm HPPE	35	NS	4	90mm HPPE		55	NS	S	90mm HPPE	77	NS	S	90mm HPPE	
14	NS	2	125mm HPPE	36	NS	4	90mm HPPE		56	NS	S	90mm HPPE	78	FS	S	125mm HPPE	
15	NS	2	125mm HPPE	37	NS	S	90mm HPPE		57	NS	S	90mm HPPE	79	FS	S	125mm HPPE	
16	NS	4	125mm HPPE	38	NS	S	90mm HPPE		58	NS	4	63mm MDPE	80	FS	S	125mm HPPE	
17	NS	4	125mm HPPE	39	NS	S	90mm HPPE		59	NS	4	63mm MDPE	81	FS	S	125mm HPPE	
18	NS	4	125mm HPPE	40	NS	S	90mm HPPE		60	NS	4	63mm MDPE	82	FS	S	125mm HPPE	
19	NS	4	125mm HPPE	41	NS	S	90mm HPPE		61	NS	4	63mm MDPE	83	FS	S	125mm HPPE	
20	NS	S	125mm HPPE	42	NS	S	90mm HPPE		62	FS	S	90mm HPPE	84	FS	S	125mm HPPE	
21	NS	S	125mm HPPE						63	FS	S	90mm HPPE	85	FS	S	125mm HPPE	
22	NS	S	125mm HPPE	TBS 52/53	NS		90mm HPPE		64	FS	S	90mm HPPE	TBS 50/51	NS		90mm HPPE	

LINCOLNSHIRE FIRE & RESCUE REQUESTED 2 x FIRE HYDRANTS IT SHOULD BE NOTED THAT FIRE HYDRANT FLOWS WILL NOT MEET APPENDIX 5 OF THE NATIONAL GUIDANCE DOCUMENT

SITE BOUNDARY

AW-CONNECTION
UP TEE ON EXISTING 4" CI MAIN WITH A 100mm SV ON BRANCH APPROX 13m x 125mm HPPE WITH FH (BLANK PLATED)
TF3497143684

INSTALL FH 19190 (AW 10550094)

INSTALL FH 19191 (AW 10550543)

POTENTIAL ROAD REALIGNMENT

HAZARD HIGH VOLTAGE ELECTRICITY CABLES

TOOT LANE

4in CI

125mm HPPE

90mm HPPE

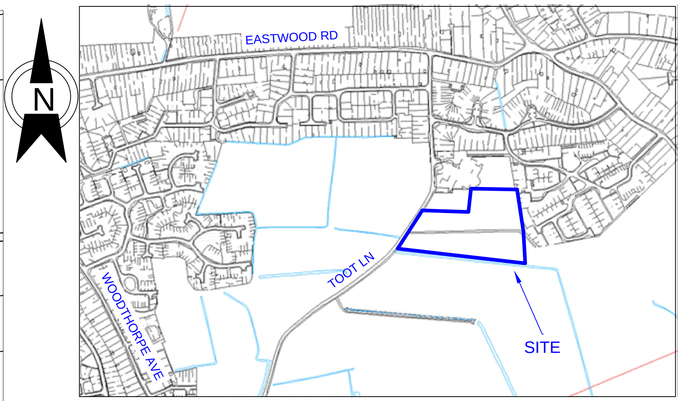
63mm MDPE

POND

PROPOSED FARM ACCESS

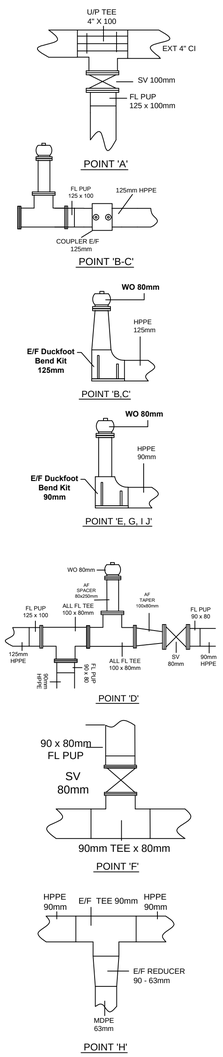
FOUL PUMP STATION

SLP - COMMENCE MAIN LAYING WITH A TWO SUBSEQUENT BACK TO BACK CONNECTION



LOCATION PLAN - NOT TO SCALE

PARTS ASSEMBLY



MAINS DUCT SIZES FOR MDPE/HPPE:-
63mm MDPE - SDR 11 - 10 Bar = MIN 100mm BORE DUCT
90mm HPPE - SDR 17 - 10 Bar = MIN 150mm BORE DUCT
125mm HPPE - SDR 17 - 10 Bar = MIN 200mm BORE DUCT
180mm HPPE - SDR 17 - 10 Bar = MIN 250mm BORE DUCT
225mm HPPE - SDR 21 - 10 Bar = MIN 300mm BORE DUCT
280mm HPPE - SDR 21 - 8 Bar = MIN 350mm BORE DUCT
25mm MDPE = MIN 50mm BORE DUCT + 750mm COVER
BOUNDARY BOX = MIN 100mm BORE DUCT +750mm COVER

BLUE PLASTIC DUCT FOR MAIN (PROVIDED BY DEVELOPER)

100mm BLUE PLASTIC DUCT FOR SERVICE PIPES (PROVIDED BY DEVELOPER) -INDICATIVE POSITION SHOWN ONLY.

LEGEND

EXISTING POTABLE WATER MAINS
MAIN TO BE DECOMMISSIONED
PROPOSED POTABLE WATER MAINS - AW
PROPOSED POTABLE WATER MAINS - SLP

SYMBOLOGY

Sluice Valve | Washout | Hydrant Washout
Non Return Valve | Meter | Fire Hydrant
Air Valve | Double Air Valve | Pressure Reducing Valve

NOTES

All works are to conform to the latest relevant British Standards, Codes of Practice and Legislation.
The information shown on this drawing is based upon the best available information but the position must be regarded as approximate. The actual position of all apparatus MUST be established on site before any mechanical plant is used.
No liability whatsoever is accepted for any error or omission.
A Design risk Assessment has been completed for the Water Mains proposed for this Scheme.

O.S. REFERENCE	TF 34971 43684
Proposed Service Connections.	BOUNDARY BOXES SEE TABLE

DRAWING STATUS

INFORMATION	☐	CONSTRUCTION	☐
FOR APPROVAL	☐	RECORD	☐
TENDER	☐	OTHER	☐

SITE PLAN - SCALE 1 : 500

TOOT LANE IS A PERMIT ROAD UNDER LINCOLNSHIRE COUNTY COUNCILS JURISDICTION & DOES NOT APPEAR TO HAVE ANY SPECIAL TRAFFIC MANAGEMENT ISSUES

SITE CHECKS
IF ANY UNUSUAL ODOURS OR SOIL STAINING IS UNCOVERED STOP WORK IMMEDIATELY & INFORM SUPERVISOR & ANGLIAN WATERS PROJECT ENGINEER

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.
SERVICE PIPES FOR PLOTS 1-6 ARE SHOWN IN THE CLIENTS DESIGNATED SERVICE EASEMENT

THE DEVELOPER SHOULD REFER TO THE NJUG GUIDELINES FOR THE PLANNING, INSTALLATION & MAINTENANCE OF UTILITY APPARATUS IN PROXIMITY TO TREES

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)

X / 4 BOUNDARY BOX / MANIFOLD (Indicative)
----- SERVICE ROUTE (Indicative)
(ACTUAL POSITION OF BOXES TO BE DISCUSSED AT THE PRE-COMMENCEMENT MEETING)

MAIN LAYING & CONNECTION DETAILS	
AT	DETAILS
A	AW - UNDER PRESSURE CONNECTION ON Ext 4" CI MAIN
A-B	LAY 13m x 125mm HPPE
B	INSTALL IN-LINE FH (BLANK PLATED)
C	SLP - INSTALL TWO & COMMENCE MAIN LAYING
C-D	LAY 183m x 125mm HPPE
D	INSTALL A/F TEE IN-LINE FH TAPER & SV
D-E	LAY 56m x 90mm HPPE
E	INSTALL END WO
D-F	LAY 21m x 90mm HPPE
F	INSTALL TEE WITH AN 80mm SV ON BRANCH
F-G	LAY 113m x 90mm HPPE
G	INSTALL END WO
F-H	LAY 41m x 90mm HPPE
H	INSTALL E/F EQUAL TEE WITH A TAPER ON BRANCH
H-I	LAY 19m x 63mm MDPE
I	INSTALL END WO
H-J	LAY 30m x 90mm HPPE
J	INSTALL END WO
B-C	BACK TO BACK CONNECTION REMOVE BLANK PLATE / TWO & PIECE THROUGH

SELF LAY CONTRACTOR
TO LAY, TEST & CHLORINATE NEW SITE MAIN & UNDERTAKE SERVICE PIPE CONNECTIONS FROM NEW MAINS

UTILITY HAZARDS
ELECTRIC 33Kv IN TOOT LANE & TO THE SOUTH OF THE DEVELOPMENT AREA.
EXISTING 4" CI WATER MAIN

TOOT LANE
BOSTON PE21 0PT
SELF LAY SCHEME
UTILITY HAZARDS
SELF LAY DEVELOPMENT

REV	DETAILS	BY	DATE
B	RE-DESIGN SERVICE DETAIL 1-6 REVISED. SCHEME NOTES/SCHEMATICS ADDED	KJC	25.10.2019
A	LINCOLNSHIRE FIRE & RESCUE REQUESTED 2 x FH's (095/TOO/01)	KJC	7.2.2019

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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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PROJECT TITLE
DEVELOPMENT SERVICES – NORTH
SLM-0037048 (10546105)

DRAWING TITLE
BOSTON PE21 0PT
TOOT LANE
GLEESON HOMES

DESIGNED:	DATE:	CHECKED: JB	DATE: 22.1.2019
DRAWN: KJC	DATE: 22.1.2019	APPROVED: JC	DATE: 28.1.2019
SCALE: 1 : 500	A1	XREF DRAWING NO.	
DRAWING No. 141828/1/0037048		REV. B	