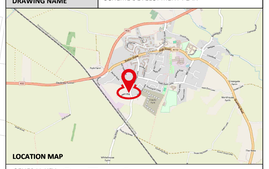
CUSTOMER	AMJUTAN LTD
SCHEME NAME	PHASE 1 & 2 MALTING LANE
SITE ADDRESS	MALTING LANE DONINGTON SPALDING PE11 4YJ
SITE EASTING/NORTHING	520456 E / 335148 N
INFLOW NUMBER	SLM-0201189
SAP NUMBER	10755250
DRAWING NAME	SCHEME DEVELOPMENT PLAN



LOCATION MAP

GENERAL KEY



UTILITY /BOUNDRY KEY		IDENTIFIED	NOTES
WATER	EXISTING PROPOSED- NON CONSTRUCTABLE CONSTRUCTION MAIN PROPOSED CONSTRUCTABLE DESIGNED BUT NOT CONSTRUCTED DECOMMISSIONED EXISTING PRIVATE MAINS	YES	CONNECTING ON TO EXISTING 3in GI MAIN
GAS	LOW PRESSURE MEDIUM PRESSURE INTERMEDIATE PRESSURE HIGH PRESSURE	YES	LP MAIN PRESENT IN WORKING AREA
ELECTRIC	LOW VOLTAGE LV OVERHEAD HIGH VOLTAGE HV OVERHEAD EHV	YES	HV, LV & OH LV PRESENT IN WORKING AREA
COMMS (VIRGIN MEDIA, BT, TALK TALK, ETC)	BRITISH TELECOM BT OVERHEAD FIBRE OPTIC CABLES	YES	BT & BT OH PRESENT IN WORKING AREA
WASTE WATER	FOUL WATER COMBINATION WATER COMBINATION STATE	YES	FW PRESENT IN WORKING AREA
OTHER	SITE BOUNDARY SITE ACCESS (PRIVATE LAND) TYPE OF FACILITY UNKNOWN TYPE OF FACILITY OTHER THAN SPECIFIED (TYPE) DRAIN / CULVERT/ DITCH TOPOGRAPHY INTERSECTION AREA OF INTEREST AS SHOWN ON DRAWING	YES	SITE BOUNDARY MARKED IDB DRAIN PRESENT ALONG NORTH & WEST BOUNDARY OF SITE

NOTES:

EXISTING POTABLE WATER, WASTE WATER AND THIRD PARTY UTILITIES HIGHLIGHTED ON THIS DRAWING ARE REPRESENTATIVE OF DETAIL RETRIEVED DURING THE DESIGN PHASE. THE DETAIL CAN BE INACCURATE AND OTHER UTILITIES MAY ALSO BE PRESENT - THIS DRAWING IS FOR INDICATION ONLY.

MAINLAYING & CONNECTION DETAILS (NOT A COMMISSIONING SEQUENCE)

AT	DETAILS
SoW	CUT IN CONNECTION ON TO EXISTING 3in GI MAIN. INSTALL 80mm AF EQ TEE WITH 2 X 3in FLANGE ADAPTORS. ON BRANCH INSTALL 80mm SV & 90x80mm ALPE EF STUB FLANGE ADAPTOR KIT.
Sow - A	LAY APPROX 6m OF Ø90mm ALPE SDR11
A	INSTALL 90x80mm ALPE EF STUB FLANGE ADAPTOR KIT, 80mm SV 500Lx80mm EXT PIECE, 80mm AF EQ HYDRANT TEE WITH 150Lx80mm RISER & 80mm WO, & 80mm BLANK PLATE.
A1	INSTALL 90mm TWO
A1 - B	LAY APPROX 178m OF Ø90mm ALPE SDR11
B	INSTALL 90x80mm ALPE EF STUB FLANGE ADAPTOR KIT & 80mm AF EQ TEE. NORTHERN LEG: INSTALL 80mm HYDRANT TEE WITH 150Lx80mm RISER & 80mm WO, 500Lx80mm EXT PIECE, 80mm SV & 80x63mm ALPE EF STUB FLANGE ADAPTOR KIT. SOUTHERN LEG: 125Lx80MM EXT PIECE, 80mm SV & 90x80mm ALPE EF STUB FLANGE ADAPTOR KIT.
B - C	LAY APPROX 38m OF Ø63mm ALPE SDR11
C	INSTALL 80x63mm ALPE STUB FLANGE ADAPTOR, 80mm DF BEND, 150Lx80mm RISER & 80mm WO.
B - D	LAY APPROX 40m OF Ø90mm ALPE SDR11
D	INSTALL 90X80mm ALPE EF STUB FLANGE ADAPTOR KIT, 80MM SV, 500Lx80mm EXT PIECE & 80mm TWO.
D1	INSTALL 90mm TWO
D1 - E	LAY APPROX 27m OF Ø90mm ALPE SDR11
E	INSTALL 90x80mm ALPE EF STUB FLANGE ADAPTOR KIT & 80mm AF EQ TEE. NORTHERN LEG: INSTALL 80mm HYDRANT TEE WITH 150Lx80mm RISER & 80mm WO, 500Lx80mm EXT PIECE, 80mm SV & 80x63mm ALPE EF STUB FLANGE ADAPTOR KIT. SOUTHERN LEG: INSTALL 125Lx80MM EXT PIECE, 80mm SV & 90x80mm ALPE EF STUB FLANGE ADAPTOR KIT.
E - F	LAY APPROX 50m OF Ø63mm ALPE SDR11
F	INSTALL 80x63mm ALPE STUB FLANGE ADAPTOR, 80mm DF BEND, 150Lx80mm RISER & 80mm WO.
E - G	LAY APPROX 155m OF Ø90mm ALPE SDR11
G	INSTALL 90x80mm ALPE EF STUB FLANGE ADAPTOR KIT, 80mm SV, 500Lx80mm EXT PIECE, 80mm AF EQ HYDRANT TEE WITH 150Lx80mm RISER & 80mm WO, & 80mm BLANK PLATE.
B2B - PRIOR TO ANY CONNECTIONS & ON RECEIPT OF SATISFACTORY SAMPLES ENSURE AN APPROVED WATERS MAINS COMMISSIONING REQUEST FORM & A WORKING PRESSURIZED ASSETS FORM HAS BEEN AUTHORIZED & RELEASED.	
A2	REMOVE BLANK PLATE & TWO. INSTALL 90X80mm ALPE EF STUB FLANGE ADAPTOR KIT & PIECE THROUGH.
D2	REMOVE 2 X TWO'S. INSTALL 90mm ALPE ED COUPLER & PIECE THROUGH.

MAINLAYING PIPEWORK TOTALS

TOTAL	SIZE
88m	Ø63mm MDPE SDR11
406m	Ø90mm HPPE SDR17
494m	COMBINED TOTAL

CONTAMINATED SITE

WATER MAIN TO BE LAID IN BARRIER PIPE (ALPE)
SERVICE PIPE WORK SUITABLE FOR CONTAMINATED GROUND TO BE INSTALLED (BARRIER) WITH CONTAMINATED LAND BOUNDARY BOXES

PLOT	HOST MAIN	SIDE	COMMS PIPE	MANIFOLD	ON/ OFF SITE
1 - 11	90mm ALPE	FAR	25mm	SINGLE	ON
12 - 17	90mm ALPE	FAR	63mm	6PORT	ON
18	90mm ALPE	NEAR	25mm	SINGLE	ON
19 - 24	63mm ALPE	NEAR	25mm	SINGLE	ON
25 - 26	63mm ALPE	FAR	25mm	SINGLE	ON
27 - 40	90mm ALPE	NEAR	25mm	SINGLE	ON
41 - 45	63mm ALPE	FAR	25mm	SINGLE	ON
46 - 49	63mm ALPE	NEAR	63mm	4PORT	ON
50 - 54	90mm ALPE	NEAR	25mm	SINGLE	ON
55 - 60	90mm ALPE	NEAR	63mm	6PORT	ON
61 - 72	90mm ALPE	NEAR	25mm	SINGLE	ON

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 OF MINIMUM DEPTH ACHIEVABLE, LIASE WITH LOCAL NETWORK TEAM)

FOOTWAY/ VERGE/CARRIAGEWAY (mm)	PRIVATE LAND/ FIELDS (mm)
750	900

EASEMENTS
FOR LAND MARKED FOR DEVELOPMENT OR LAND USE CHANGES WITHIN THE NEXT 20YRS IN THE LOCAL PLAN

PIPE SIZE (mm)	EASEMENT PROTECTION REQUIRED/ OVERALL DISTANCE (m)
≤189	4.5
192 - 449	6.0
450 - 749	8.0
750+	12.0

DUCTING
MINIMUM DEPTH OF DUCTING TO CROWN 750MM (HIGHWAY, FOOTPATH & VERGE)
600MM (PRIVATE LAND, FIELDS) (IF MINIMUM DEPTHS NOT ACHIEVABLE, LIASE WITH LOCAL NETWORK TEAM)

PIPE DN (mm)	MINIMUM BORE OF DUCTING REQUIRED (mm)
25	50
32 - 63	100
90	150
125	200
180	250
225	300
280	350

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 ANGLIAN WATER OF ANY REQUIRED CHANGES.

ISSUED FOR CONSTRUCTION
UTILITY PLANS EXPERT
27.02.2024
VALID UNTIL END OF
27.02.2025

SITE ENTRANCE 2
DANGER HIGH & LOW VOLTAGE ELECTRIC 2
DANGER LOW VOLTAGE OVERHEAD ELECTRIC 3
WARNING LOW PRESSURE GAS 9
WARNING ASBESTOS 12
CAUTION TELECOMMUNICATIONS 24
CAUTION TELECOMMUNICATIONS OVERHEAD 25
CAUTION WASTE WATER 26
CAUTION CONTAMINATED LAND (ORGANIC) 29
ROAD CLOSED **ROAD CLOSURE** 9

SCALE	1:500	DRAWN BY	CM	DATE	23/02/2024	REV	REVISION DETAILS	BY	APP	DATE	REV	REVISION DETAILS	BY	APP	DATE
REVISION	B	DESIGNED BY	CM/HM			A	ISSUED FOR CONSTRUCTION	AC	HM	03/05/24					
PAPER SIZE	A0	CHECKED BY	HM	DATE	23/02/2024	B	FH'S ADDED AS PER CONSULTATION WITH LINCS FIRE SERVICE	CM	HM	04/06/24					
DRAWING NO	209855/1/0201189	APPROVED BY	GR	DATE	23/02/2024										

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DS TITLE BLOCK V1 (03-02-21)

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