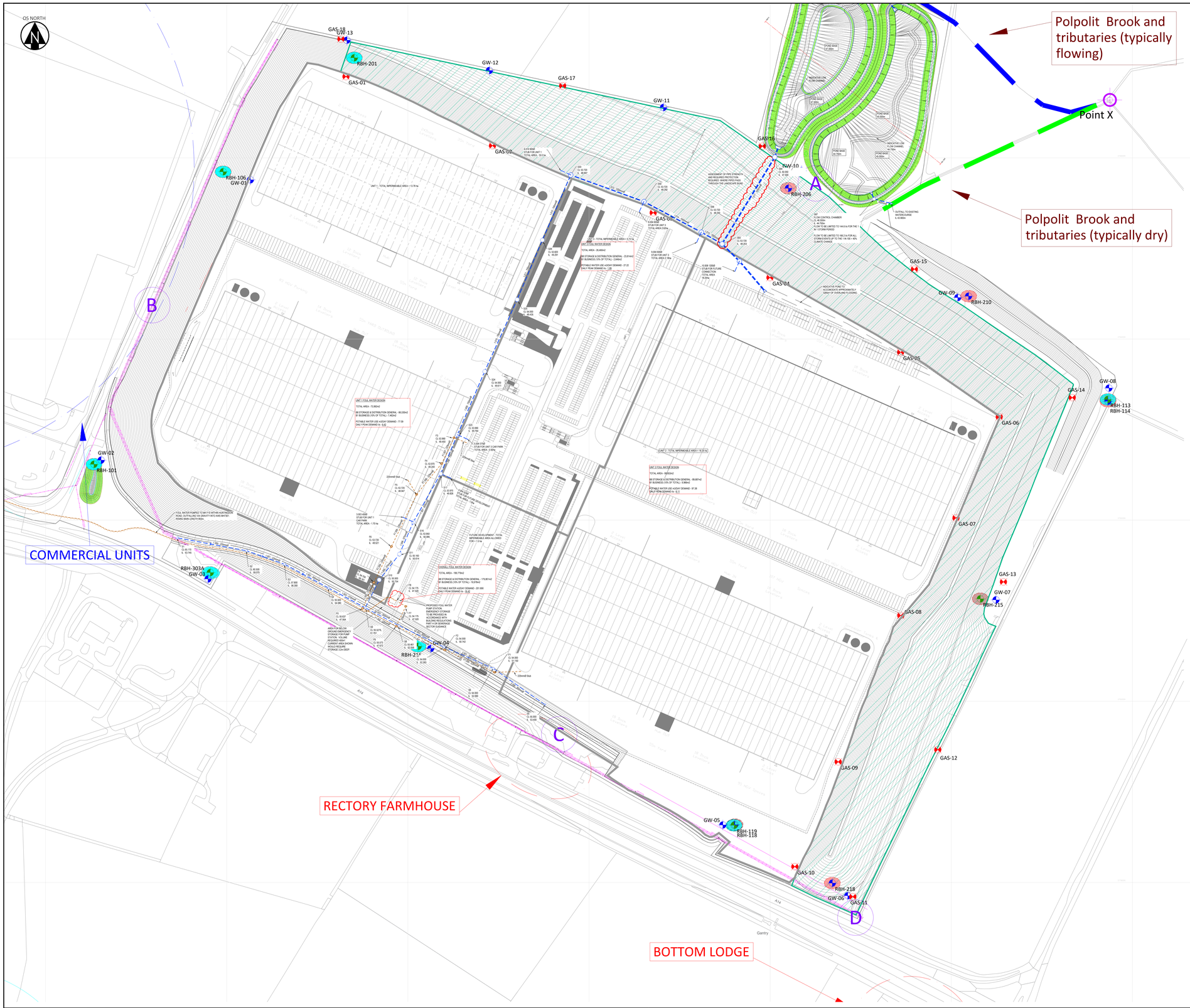

Surface Water Monitoring Point			
Location	X	Y	Zone
Point X	502375	278664	Polpolit Brook

Nuisance Receptors Monioring Point			
Location	Provisional x	Provisional y	Receptor
A	502050	278570	General receptor
B	501320	278435	Haldens Parkway Industrial Estate
C	501765	277965	Rectory Farmhouse
D	502095	277760	Bottom Lodge

Shallow Gas Monitoring Wells			
Location	Provisional x	Provisional y	Zone
GAS01	501532	278690	DfR Bund - Development Side
GAS02	501693	278614	DfR Bund - Development Side
GAS03	501871	278540	DfR Bund - Development Side
GAS04	502000	278468	DfR Bund - Development Side
GAS05	502144	278385	DfR Bund - Development Side
GAS06	502253	278314	DfR Bund - Development Side
GAS07	502205	278203	DfR Bund - Development Side
GAS08	502144	278095	DfR Bund - Development Side
GAS09	502075	277933	DfR Bund - Development Side
GAS10	502027	277817	DfR Bund - Development Side
GAS11	502091	277784	DfR Bund - Field Side
GAS12	502185	277947	DfR Bund - Field Side
GAS13	502258	278132	DfR Bund - Field Side
GAS14	502333	278335	DfR Bund - Field Side
GAS15	502159	278477	DfR Bund - Field Side
GAS16	501991	278613	DfR Bund - Field Side
GAS17	501771	278680	DfR Bund - Field Side
GAS18	501526	278731	DfR Bund - Field Side

Groundwater Monitoring Wells				
Location	Provisional x	Provisional y	Orientation	Anticipated Strata
GW01	501426	278576	Up-gradient	Cornbrash Formation
GW02	501261	278266	Up-gradient	Cornbrash Formation
GW03	501379	278135	Up-gradient	Cornbrash Formation
GW04	501625	278058	Up-gradient	Cornbrash Formation
GW05	501948	277863	Up-gradient	Cornbrash Formation
GW06	502086	277785	Up-gradient	Cornbrash Formation
GW07	502249	278112	Cross-gradient	Blisworth Limestone
GW08	502374	278346	Up-gradient	Cornbrash Formation
GW09	502207	278446	Down-gradient	Blisworth Limestone
GW10	502035	278586	Down-gradient	Blisworth Limestone
GW11	501882	278656	Down-gradient	Cornbrash Formation
GW12	501690	278697	Down-gradient	Cornbrash Formation
GW13	501533	278730	Cross-gradient	Cornbrash Formation

The current development plan indicates that the following existing groundwater monitoring points may potentially serviceable thoughout the development process. Preference is to be given to retaining these locations instead of constructing the associated new monitoring point.

Location		
Existing	Proposed	Screened Strata
RBH-113	GW08	Cornbrash Formation
RBH-119	GW05	Cornbrash Formation
RBH-303A	GW03	Cornbrash Formation
RBH-101	GW02	Cornbrash Formation

KEY

Existing Installation (for historical trends at equivalent locations to post DfR monitoring plan)

Cornbrash Limestone Formation

Blisworth Limestone Formation

Proposed Monitoring Plan

GAS-17 Shallow gas monitoring well (installed above groundwater level)

GW-13 Groundwater Monitoring Well (installed in either Blisworth Limestone or Cornbrash Formation as appropriate)

Point X Surface water monitoring point (Polopit Brook, most up-stream location where flows are observed)

A Nuisance Receptor Monitoring Point

DfR Area

KEY:

PROPOSED SURFACE WATER DRAINAGE

PROPOSED FOUL WATER DRAINAGE

PROPOSED FOUL RISING MAIN

PROPOSED HEADWALL - SIZE T.B.C

EXISTING ANGLIAN WATER FOUL WATER SEWER

NOTES

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.

2. This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications.

3. This drawing has been based on the following drawings and information:
HRT-ptp-01-XX-DR-A-4432-012-P18
ACAD-LTP-BWB-DGT-XX-M3-C-0601-S1-P1_Basins Proposed Levels-Model
x-332210963-STN-HDG-SW-M2-CD-0501_On-Site FW-SW

REV.						
P03	Key amended					
	LW	09/08/23	EC	09/08/23	EC	09/08/23
P02	22/06/23					
	LW	22/06/23	AB	22/06/23	AB	22/06/23
P01	FIRST ISSUE					
	LH	22/06/23	LW	22/06/23	EC	22/06/23
	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

Hydrock
Hawthorn Park
Holdenby Road
Spratton
Northampton NN6 8LD
t: +44 (0) 1604 842888
e: northampton@hydrock.com
or visit www.hydrock.com

CLIENT
MICK GEORGE LIMITED

PROJECT
LAND ADJACENT HALDEN PARKWAY THRAPSTON

TITLE
DfR Proposed
Environmental Monitoring Plan

HYDROCK PROJECT NO. 23880

SCALE @ A0 1:1500

PURPOSE OF ISSUE SUITABLE FOR INFORMATION

STATUS S2

DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 23880-HYD-XX-ZZ-DR-GE-1022

REVISION P03