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A1

Existing Combined Water Manhole Table

MH Ref	MH CL (m)	MH IL (m)	MH Depth (m)	Incoming Pipe Size (mm)	Incoming Pipe IL (m)	MH Dia (mm)	MH Type	MH Cover
EXG C1	30.400	26.400	4.000	225	26.400	Existing Pipe IL TBC on site		

Proposed Combined Water Manhole Table

MH Ref	MH CL (m)	MH IL (m)	MH Depth (m)	Incoming Pipe Size (mm)	Incoming Pipe IL (m)	MH Dia (mm)	MH Type	MH Cover
C1	30.400	26.603	3.797	150	26.678	1200	TYPE A	D400
				225	26.603			
				225	26.603			

Proposed Surface Water Manhole Table

MH Ref	MH CL (m)	MH IL (m)	MH Depth (m)	Incoming Pipe Size (mm)	Incoming Pipe IL (m)	MH Dia (mm)	MH Type	MH Cover
S41	30.880	27.028	3.852	1500	27.028	2400	TYPE A	D400
				225	27.028			
S42	30.800	26.846	3.954	225	26.846	1200	TYPE A	D400
				225	26.846			
S43	30.400	26.625	3.775	225	26.625	1200	TYPE A	D400
				225	26.625			

Proposed Foul Water Manhole Table

MH Ref	MH CL (m)	MH IL (m)	MH Depth (m)	Incoming Pipe Size (mm)	Incoming Pipe IL (m)	MH Dia (mm)	MH Type	MH Cover
F22	30.880	27.212	3.668	150	27.212	1200	TYPE A	D400
				150	27.212			
F23	30.800	26.964	3.836	150	26.964	1200	TYPE A	D400
				150	26.964			
F24	30.400	26.716	3.684	150	26.716	1200	TYPE A	D400
				150	26.716			

Drainage gully locations and manhole cover levels to be confirmed by the Architect.

All drainage connecting into SW system from road gullies/drainage channels to be 150Ø in minimum 1:150 gradient.

All RWP's connecting into MH system to be 100Ø in minimum 1:100 gradient.

All pipes to be 100Ø UNO.

All pop up waste locations to be confirmed by Architect

Existing drainage information based on Yorkshire Water Sewer Network Enquiry Ref: SE4002SE dated 11/09/2019.

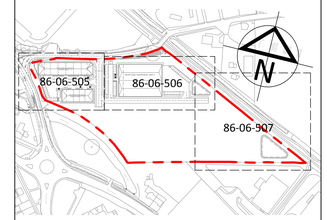
Drainage & Pipe Laying Notes

1. For drainage notes refer to drawing 86-06-505.

Pipe Material Table		
Dia. of Drain (mm)	Material	Manufacturer
100-300 450-1200	uPVC Concrete	Polypipe Stanton Bonna

Key

- Existing Surface Water Drainage
- Existing Foul Water Drainage
- Existing Combined Drain to Remain
- Proposed Surface Water Drain
- Proposed Foul Water Drain
- Proposed Combined Drain
- ES Existing Surface Manhole
- EF Existing Foul Manhole
- ECM Existing Combined Manhole
- S Proposed Surface Water Manhole
- F Proposed Foul Water Manhole
- C Proposed Combined Manhole
- G Proposed Surface Drainage Gully
- RWP Proposed Rainwater Pipe
- Proposed Surface Water Channel Drain
- PI Proposed Petrol Interceptor
- Denotes Site Boundary



Key Plan
Scale NTS

DESCRIPTION	REV	DATE	CHK	APR
Revised discharge from site to 3.0 L/s as per Yorkshire Water comments	B	20/03/2020	KA	KGP
Minor amendments.	A	20/12/2019	KA	KGP

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PROJECT
Proposed Mixed Use Development
Everill Gate, Wombwell, Barnsley

DRAWING TITLE
Drainage General Arrangement
(Sheet 2 of 3)

CLIENT
Everill Gate Properties

STATUS
Information

DRAWN	JD	DATE	19/12/19
CHECKED	KA	SCALE	AS SHOWN @ A1
APPROVED	KGP		

DRAWING NUMBER	REVISION
86-06-507	B

Pond

FA100 Full
parator

Inlet

Outlet

Ø 1:136

1500Ø 1:989

S40

G

S41

F22

Hydro Brake Manhole:
Manufacturer: Hydro international
Ref: SCL-0062-3000-2872-3000
Flow: 3.0 L/S
Head: 2.88 m

150Ø 1:136

225Ø 1:170

F23

S42

150Ø 1:136

225Ø 1:170

F24

150Ø 1:136

S43

C1

225Ø 1:168

225Ø 1:48

Proposed foul & surface water connection branched into existing system. Depth to be confirmed

Future
Balancing Pond

EXG C1

For continuation of this plan refer to drawing 86-06-506

WOODED BANK

METAL PALISADE FEN

BOTTOM OF BANK

Exg. 675Ø Drain

Combined

10m Easement

N

Plan
Scale 1:250