COVER AND INVERTS OF EXISTING SEWERS SHOULD BE CHECKED ON SITE PRIOR TO CONSTRUCTION

ALL RWP AND SVP'S TO BE CHECKED AGAINST ARCHITECTS LAYOUT PLANS

PERMEABLE PAVING
AREA=57m²
SUB-BASE=450mm
NO INFILTRATION

PERMEABLE PAVING
AREA=64m²
SUB-BASE=450mm
NO INFILTRATION

PERMEABLE PAVING
AREA=36m²
SUB-BASE=400mm
NO INFILTRATION

S10 FLOW CONTROL MANHOLE
HEAD=1.5m
FLOW=1.0l/s
ORIFICE=19mm

CL:64.50
IL:62.35
(assumed)

FFL
64.30

Repair any damaged rear/side boundary wall

Existing vehicle entrance to be extended

EXISTING Ø300 COMBINED SEWER

Landscape

SVP

RWP

Ø300 UPVC PIPE @ 1:101 (5.0m)

Ø100 UPVC PIPE @ 1:20 (18.0m)

Ø300 UPVC PIPE @ 1:83 (4.1m)

Ø300 UPVC PIPE @ 1:122 (7.44m)

Ø300 UPVC PIPE @ 1:136 (13.0m)

Ø300 UPVC PIPE @ 1:50 (10.5m)

Ø300 UPVC PIPE @ 1:40 (7.7m)

Ø300 UPVC PIPE @ 1:37 (10.2m)

Ø300 UPVC PIPE @ 1:36 (13.0m)

Ø300 UPVC PIPE @ 1:40 (14.8m)

Ø300 UPVC PIPE @ 1:50 (10.5m)

EXTERNAL DRAINAGE AREA

99

61.4m

QUEENS ROAD

DRAINAGE STRATEGY

SURFACE WATER

In accordance with the SuDS Hierarchy then infiltration should be considered in the first instance, based on the BGS website it is considered that the gound is not suitable for infiltration and therefore the use of soakaways has been discounted.

If soakaways do not work then the surface water should discharge to a water course wherever possible, as there are no watercourses within the vicinty of the site then this has been discounted.

We are therefore proposing to discharge to the public combined sewer located under Appleford Road, at a controlled rate of 1.0 l/s with attenuation on site to store the 1 in 100 Year + 40% climate change rainfall event. (Refer to Advant Engineers Drainage Strategy Report)

FOUL DRAINAGE

It is proposed to discharge the foul drainage to the existing public combined sewer located under Appleford Road.

EXISTING SEWERS TO BE INVESTIGATED ON SITE FOR BOTH SURFACE AND FOUL WITH THE INTENTION OF UTILISING AN EXISTING CONNECTION

NOTES

1. THIS DRAWING IS PRODUCED FOR USE IN THIS PROJECT ONLY AND MAY NOT BE USED FOR ANY OTHER PURPOSE. THE CONSULTING ENGINEERS ACCEPT NO LIABILITY FOR THE USE OF THIS DRAWING OTHER THAN THE PURPOSE FOR WHICH IT WAS INTENDED IN CONNECTION WITH THIS PROJECT AS RECORDED ON THE TITLE BLOCK FIELDS 'PURPOSE FOR ISSUE' AND 'FILE STATUS CODE'.
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KEY

- EXISTING CW SEWER
- PROPOSED SW SEWER
- PROPOSED FW SEWER
- PERMEABLE PAVING

REV		BY	DATE
A	INITIAL ISSUE	RR	24.11.25

PRELIMINARY

STATUS	CHK'D
PRELIMINARY	MJM
FOR COMMENT	MJM
FOR APPROVAL	
FOR CONSTRUCTION	
AS BUILT	

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CLIENT
CREATE IT STUDIOS

CONTRACT
101 QUEENS ROAD
CHEETHAM HILL
M8 8UT

TITLE
DRAINAGE LAYOUT PLAN

DRAWN	RR	CHK'D	MJM
SCALE	1:100 @ A1	DATE	24.11.25

JOB No	DRG No	REV
25072	101	A