



Key

- Red line boundary.
- New Foul Water Sewer (F26)
- New Surface Water Sewer (S32)
- New Rising Main



NOTES

Approximately **65m³** of foul storage is provide in the upstream network and PS compound.
 An additional storage volume of **117.5m³** is to be provided within storage tank.

Total Foul Storage Requirement: 182.5m³
 1000 plots @ 160l/per plot: **160m³**
 Primary School, Local Centre, Sports Pitch, 1 hour @ 6 DWF: **22.5m³**

Total Incoming Foul Flow = 52.54l/s
 1000 Plots @ 4000l/s/day: **46.3l/s**
 Primary School (281 pupils @ 50l/s/day & 32 staff @ 90l/s/day, 1 day = 8 hours): **3.53l/s**
 Local Centre (0.8ha with approx 0.52ha developable land, @1.3l/s/ha): **1.72l/s**
 Sports Centre (120 visitors @ 40l/s/day, 1 day = 8 hours): **1.00l/s**

REVISIONS

Rev	Date	Description	By	Ckd	App
P01	16/09/21	First Issue.		RAP	JD RAP

HYDROCK PROJECT NO.	C-04841-C	SCALE @ A3	1:500
---------------------	-----------	------------	-------

Hydrock OVER COURT BARN
 OVER LANE
 ALMONDSBURY
 BRISTOL
 BS32 4DF
 t: +44 (0) 1454 619533
 e: bristol@hydrock.com

CLIENT
L&Q ESTATES

PROJECT
**WYKHAM PARK FARM,
 BANBURY**

TITLE
**PUMPING STATION
 DRAINAGE LAYOUT**

STATUS DESCRIPTION	PLANNING	STATUS	S2
--------------------	----------	--------	----

DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	WPF-HYD-XX-XX-DR-C-2602	REVISION	P01
---	-------------------------	----------	-----