



	KEY
	PROPOSED FOUL ROUTE
	PROPOSED SURFACE WATER ROUTE
	EXISTING DITCH/WATERCOURSE
	PROPOSED BASIN/SWALE

NOTES

REVISIONS

PO2	28/05/21	Updated with current site layout (new in blue) and four from the western parcels (sheet 2001) entering the northern parcel.	RA	RA	
PO1	25/03/21	First issue for comment.	RA	RA	

Rev	Date	Description	By	Chk	App

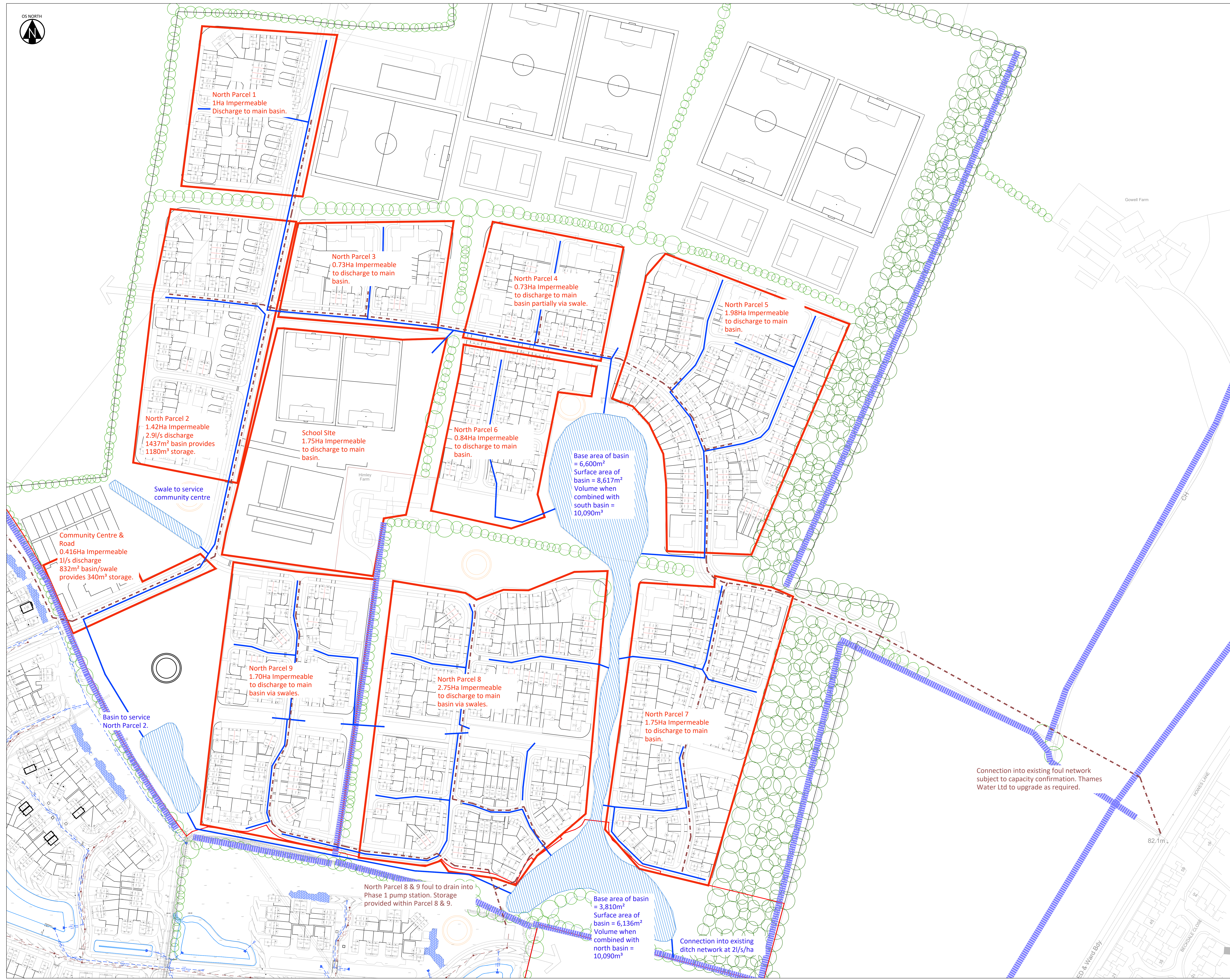
**Hydrock**  
OVERCOURT BARNS  
OVER LANE  
ALMONDBURY  
BRISTOL  
BS12 4DF  
T: 448 301 834 03553  
e: info@hydrock.com

CLIENT  
COUNTRYSIDE  
PROPERTIES

PROJECT  
HIMLEY VILLAGE,  
BICESTER

TITLE  
MASTERPLAN SURFACE DRAINAGE  
NORTH  
SHEET 1 OF 2

HYDROCK PROJECT NO. C-16153-C	SCALE @ A0 1:1000	STATUS S2
STATUS DESCRIPTION INFORMATION	REVISION P02	
DRAWING NO. / PROJECT CODE ORIGINATOR / ZONE / LEVEL / TYPE / ROLE / NUMBER 16153-HYD-XX-XX-DR-C-2600		



North Parcel 1  
1Ha Impermeable  
Discharge to main basin.

North Parcel 3  
0.73Ha Impermeable  
to discharge to main basin.

North Parcel 4  
0.73Ha Impermeable  
to discharge to main basin partially via swale.

North Parcel 5  
1.98Ha Impermeable  
to discharge to main basin.

North Parcel 2  
1.42Ha Impermeable  
2.9l/s discharge  
1437m<sup>3</sup> basin provides  
1180m<sup>3</sup> storage.

School Site  
1.75Ha Impermeable  
to discharge to main basin.

North Parcel 6  
0.84Ha Impermeable  
to discharge to main basin.

Base area of basin = 6,600m<sup>2</sup>  
Surface area of basin = 8,617m<sup>2</sup>  
Volume when combined with south basin = 10,090m<sup>3</sup>

Community Centre & Road  
0.416Ha Impermeable  
1l/s discharge  
832m<sup>2</sup> basin/swale provides 340m<sup>3</sup> storage.

Swale to service community centre

North Parcel 9  
1.70Ha Impermeable  
to discharge to main basin via swales.

North Parcel 8  
2.75Ha Impermeable  
to discharge to main basin via swales.

North Parcel 7  
1.75Ha Impermeable  
to discharge to main basin.

North Parcel 8 & 9 foul to drain into Phase 1 pump station. Storage provided within Parcel 8 & 9.

Base area of basin = 3,810m<sup>2</sup>  
Surface area of basin = 6,136m<sup>2</sup>  
Volume when combined with north basin = 10,090m<sup>3</sup>

Connection into existing ditch network at 2l/s/ha

Connection into existing foul network subject to capacity confirmation. Thames Water Ltd to upgrade as required.

82.1m