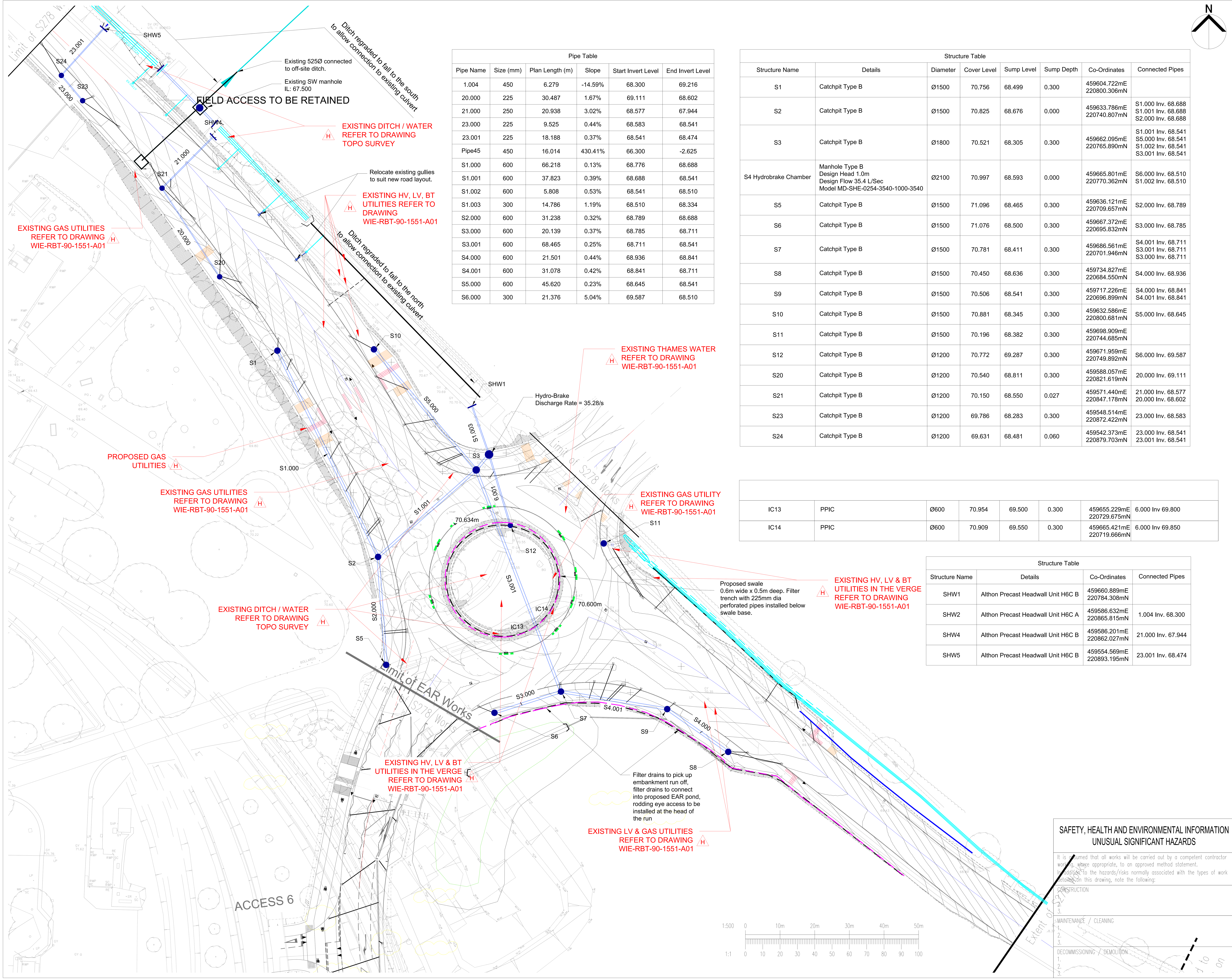

Pipe Table					
Pipe Name	Size (mm)	Plan Length (m)	Slope	Start Invert Level	End Invert Level
1.004	450	6.279	-14.59%	68.300	69.216
20.000	225	30.487	1.67%	69.111	68.602
21.000	250	20.938	3.02%	68.577	67.944
23.000	225	9.525	0.44%	68.583	68.541
23.001	225	18.188	0.37%	68.541	68.474
Pipe45	450	16.014	430.41%	66.300	-2.625
S1.000	600	66.218	0.13%	68.776	68.688
S1.001	600	37.823	0.39%	68.688	68.541
S1.002	600	5.808	0.53%	68.541	68.510
S1.003	300	14.786	1.19%	68.510	68.334
S2.000	600	31.238	0.32%	68.789	68.688
S3.000	600	20.139	0.37%	68.785	68.711
S3.001	600	68.465	0.25%	68.711	68.541
S4.000	600	21.501	0.44%	68.936	68.841
S4.001	600	31.078	0.42%	68.841	68.711
S5.000	600	45.620	0.23%	68.645	68.541
S6.000	300	21.376	5.04%	69.587	68.510

Structure Table							
Structure Name	Details	Diameter	Cover Level	Sump Level	Sump Depth	Co-Ordinates	Connected Pipes
S1	Catchpit Type B	Ø1500	70.756	68.499	0.300	459604.722mE 220800.306mN	
S2	Catchpit Type B	Ø1500	70.825	68.676	0.000	459633.786mE 220740.807mN	S1.000 Inv. 68.688 S1.001 Inv. 68.688 S2.000 Inv. 68.688
S3	Catchpit Type B	Ø1800	70.521	68.305	0.300	459662.095mE 220765.890mN	S1.001 Inv. 68.541 S5.000 Inv. 68.541 S1.002 Inv. 68.541 S3.001 Inv. 68.541
S4 Hydrobrake Chamber	Manhole Type B Design Head 1.0m Design Flow 35.4 L/Sec Model MD-SHE-0254-3540-1000-3540	Ø2100	70.997	68.593	0.000	459665.801mE 220770.362mN	S6.000 Inv. 68.510 S1.002 Inv. 68.510
S5	Catchpit Type B	Ø1500	71.096	68.465	0.300	459636.121mE 220709.657mN	S2.000 Inv. 68.789
S6	Catchpit Type B	Ø1500	71.076	68.500	0.300	459667.372mE 220695.832mN	S3.000 Inv. 68.785
S7	Catchpit Type B	Ø1500	70.781	68.411	0.300	459686.561mE 220701.946mN	S4.001 Inv. 68.711 S3.001 Inv. 68.711 S3.000 Inv. 68.711
S8	Catchpit Type B	Ø1500	70.450	68.636	0.300	459734.827mE 220684.550mN	S4.000 Inv. 68.936
S9	Catchpit Type B	Ø1500	70.506	68.541	0.300	459717.226mE 220696.899mN	S4.000 Inv. 68.841 S4.001 Inv. 68.841
S10	Catchpit Type B	Ø1500	70.881	68.345	0.300	459632.586mE 220800.681mN	S5.000 Inv. 68.645
S11	Catchpit Type B	Ø1500	70.196	68.382	0.300	459698.909mE 220744.685mN	
S12	Catchpit Type B	Ø1200	70.772	69.287	0.300	459671.959mE 220749.892mN	S6.000 Inv. 69.587
S20	Catchpit Type B	Ø1200	70.540	68.811	0.300	459588.057mE 220821.619mN	20.000 Inv. 69.111
S21	Catchpit Type B	Ø1200	70.150	68.550	0.027	459571.440mE 220847.178mN	21.000 Inv. 68.577 20.000 Inv. 68.602
S23	Catchpit Type B	Ø1200	69.786	68.283	0.300	459548.514mE 220872.422mN	23.000 Inv. 68.583
S24	Catchpit Type B	Ø1200	69.631	68.481	0.060	459542.373mE 220879.703mN	23.000 Inv. 68.541 23.001 Inv. 68.541

IC13	PPIC	Ø600	70.954	69.500	0.300	459655.229mE 220729.675mN	6.000 Inv 69.800
IC14	PPIC	Ø600	70.909	69.550	0.300	459665.421mE 220719.666mN	6.000 Inv 69.850

Structure Table			
Structure Name	Details	Co-Ordinates	Connected Pipes
SHW1	Althon Precast Headwall Unit H6C B	459660.889mE 220784.308mN	
SHW2	Althon Precast Headwall Unit H6C A	459586.632mE 220865.815mN	1.004 Inv. 68.300
SHW4	Althon Precast Headwall Unit H6C B	459586.201mE 220862.027mN	21.000 Inv. 67.944
SHW5	Althon Precast Headwall Unit H6C B	459554.569mE 220893.195mN	23.001 Inv. 68.474

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEER'S, ARCHITECT'S OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
3. THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING/STRUCTURE/EXCAVATION AT ALL STAGES OF THE WORK.
4. ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND SAFETY AT WORK ACT ARE SATISFIED.
5. ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES AND REGULATIONS.
6. ROAD LAYOUT AND HIGHWAY WORKS SHALL BE IN ACCORDANCE WITH DMRB AND OXFORD COUNTY COUNCIL (OCC) STANDARDS.
7. All Section 278 works and materials to be in accordance with the Highway Agency 'Specification for Highways'

KEY:

- PROPOSED SURFACE WATER DRAIN
- PROPOSED KERB OUTLET
- HB HYDROBRAKE
- PROPOSED ROAD GULLY
- SWALE
- EXISTING GULLY CONNECTED TO DITCH
- NEW GULLIES TO CONNECT TO EXISTING DITCH DIRECTLY
- PROPOSED FILTER DRAIN
- EXISTING DITCH

Rev	Date	Description	By
E03	17.08.22	AS BUILT INFORMATION INCLUDED	HC
E02	01.02.22	EAR OUTFALL LEVEL REVISED	HC
E01	10.09.21	CONSTRUCTION ISSUE	JL

Amendments

Project
GRAVEN HILL, BICESTER

Title
A41 PIONEER ROUNDABOUT DRAINAGE LAYOUT

Client

Graven Hill Village Development Company Limited

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION UNUSUAL SIGNIFICANT HAZARDS

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION
1.
2.
3.

MAINTENANCE / CLEANING
1.
2.
3.

DECOMMISSIONING / DEMOLITION
1.
2.
3.

Waterman
5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Drawing Status
CONSTRUCTION

Designed by JG	Checked by DP	Project No WIE11386		
Drawn by AN	Date MAR 2021			
Scales @ A1 work to figured dimensions only	1:500	Computer File No WIE11386-A41-90-551 - 552 - Drainage - E05.dwg		
Publisher	Zone	Category	Number	Revision
WIE	A41	90	551	E03

File Path N:\Projects\WIE11386_GHIO_LTA 2\#WO139_SERR_Got PO_See WO1467_CAD\90_Civil\