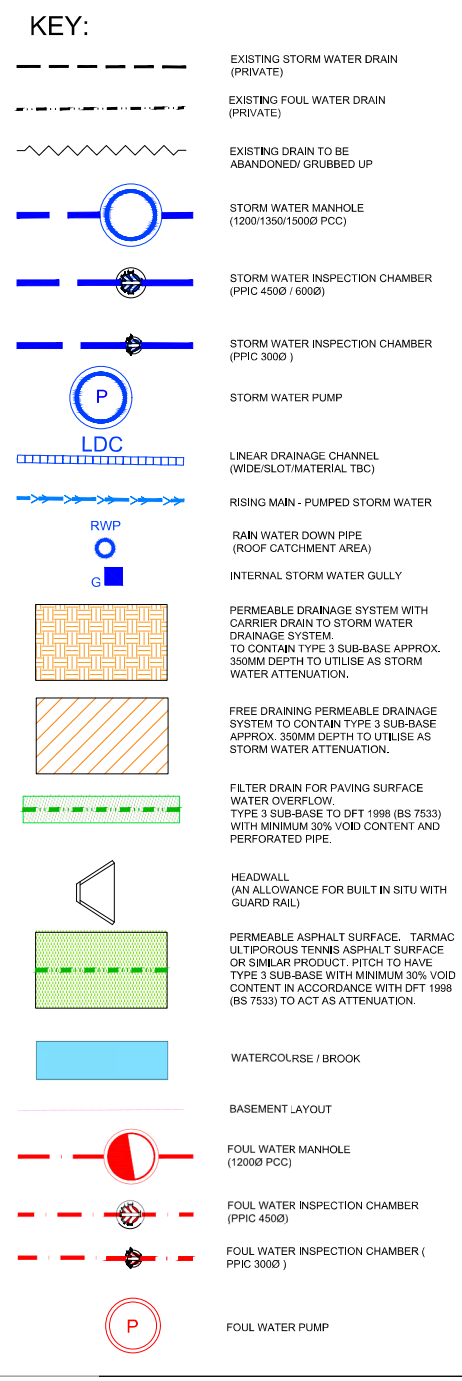


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  - All redundant connections to be capped off and grouted from the down stream manhole.
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  - Prior to commencing the works the contractor is to confirm details of the existing drainage system as noted on the drawing.
  - Prior to commencing the works the contractor is to undertake the drainage investigation work as noted on the drawing.
  - Cover levels of all drainage shown indicatively, Contractor to ensure cover levels are in accordance with proposed surface level plans.



REVISIONS

Rev.	Revision Notes	Date	Drawn By	Checked	Approved
P04	Landscape Plan updated	15.03.24	GJ	GJ	DB
P03	Dew Pond added viewpoints repositioned	21.02.24	GJ	RH	RH
P02	Updated with comments from Architect 25.01.2024	07.02.24	RS	GJ	GJ
P01	Preliminary Issue	19.12.23	GJ	RS	RS

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CLIENT  
**RICHARD PARR ASSOCIATES**

PROJECT  
**WEST BRADLEY HOUSE GASTONBURY**

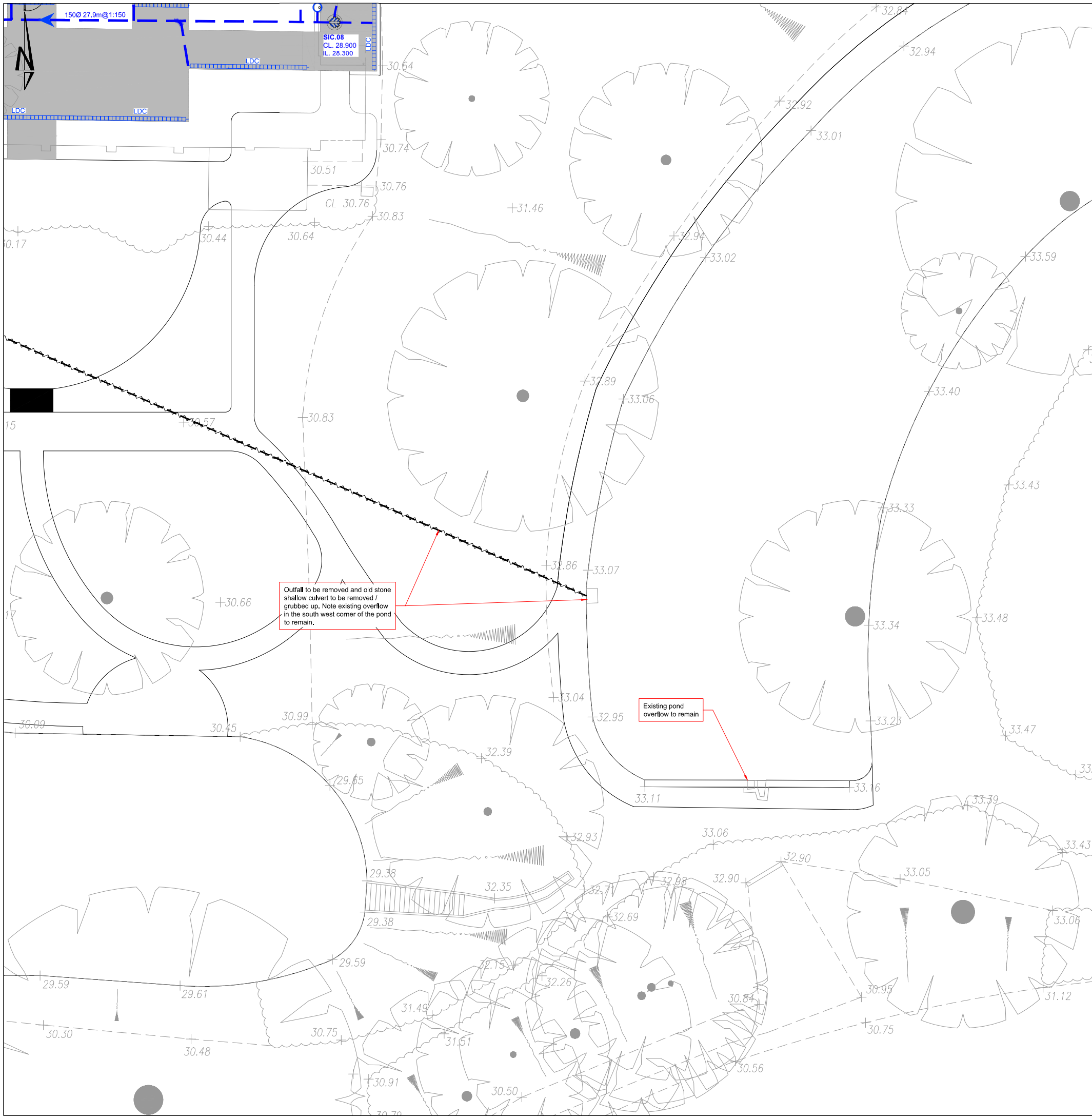
TITLE  
**DRAINAGE LAYOUT SHEET 4**

HYDROCK PROJECT NO. **28421** SCALE @ A1 **1:100**










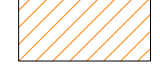

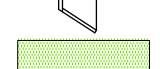





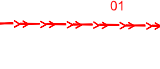


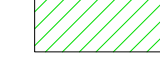





STATUS DESCRIPTION **SUITABLE FOR INFORMATION** STATUS **S2**

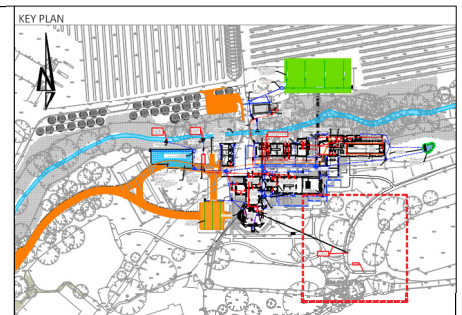
DRAWING NO. **28421-HYD-XX-XX-DR-C-7004** REVISION **P04**





**KEY:**

-  EXISTING STORM WATER DRAIN (PRIVATE)
-  EXISTING FOUL WATER DRAIN (PRIVATE)
-  EXISTING DRAIN TO BE ABANDONED/ GRUBBED UP
-  STORM WATER MANHOLE (1200/1350/1500Ø PCC)
-  STORM WATER INSPECTION CHAMBER (PPIC 4500 / 6000)
-  STORM WATER INSPECTION CHAMBER (PPIC 3000)
-  STORM WATER PUMP
-  LINEAR DRAINAGE CHANNEL (WIDE/SLOT/MATERIAL TBC)
-  RISING MAIN - PUMPED STORM WATER
-  RAIN WATER DOWN PIPE (ROOF CATCHMENT AREA)
-  INTERNAL STORM WATER GULLY
-  PERMEABLE DRAINAGE SYSTEM WITH CARRIER DRAIN TO STORM WATER DRAINAGE SYSTEM. TO CONTAIN TYPE 3 SUB-BASE APPROX. 350MM DEPTH TO UTILISE AS STORM WATER ATTENUATION.
-  FREE DRAINING PERMEABLE DRAINAGE SYSTEM TO CONTAIN TYPE 3 SUB-BASE APPROX. 350MM DEPTH TO UTILISE AS STORM WATER ATTENUATION.
-  FILTER DRAIN FOR PAVING SURFACE WATER OVERFLOW. TYPE 3 SUB-BASE TO DFT 1998 (BS 7533) WITH MINIMUM 30% VOID CONTENT AND PERFORATED PIPE.
-  HEADWALL (AN ALLOWANCE FOR BUILT IN SITU WITH GUARD RAIL)
-  PERMEABLE ASPHALT SURFACE. TARMAC ULTRAPOROUS TENNIS ASPHALT SURFACE OR SIMILAR PRODUCT. PITCH TO HAVE TYPE 3 SUB-BASE WITH MINIMUM 30% VOID CONTENT IN ACCORDANCE WITH DFT 1998 (BS 7533) TO ACT AS ATTENUATION.
-  WATERCOURSE / BROOK
-  BASEMENT LAYOUT
-  FOUL WATER MANHOLE (1200Ø PCC)
-  FOUL WATER INSPECTION CHAMBER (PPIC 4500)
-  FOUL WATER INSPECTION CHAMBER (PPIC 3000)
-  FOUL WATER PUMP
-  FLOOR DRAIN (TRAPPED)
-  SOIL STACK TO BELOW GROUND.
-  RISING MAIN - PUMPED STORM WATER
-  FOUL WATER FOR POOL BACKWASH. TO BE COLLATED SEPARATELY AND HELD IN CHLORINE SEPARATION TANK. CONTENTS TO BE EMPTIED BY VACUUM TRUCK AND DEPOSITED AT A LICENSED SITE. THIS FOUL WATER IS NOT TO ENTER THE TREATMENT PLANT OR DISCHARGE IN TO THE WATERCOURSE.
-  ABOVE GROUND CAST IRON DUCT FOR FOUL WATER. FURTHER COORDINATION NEEDED WITH M&E ENGINEER AND STRUCTURAL ENGINEER FOR FIXINGS TO EXISTING BRIDGE
-  BIO-RETENTION AREAS, RWPS TO DRAIN TO SUBGRADE MEDIUM WRAPPED IN GEOMEMBRANE WITH FILTER DRAIN CONNECTED TO STORM NETWORK



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  21. Cover levels of all drainage shown inductively, Contractor to ensure cover levels are in accordance with proposed surface level plans.

**REVISIONS**

Rev.	Revision Notes	Date	Drawn By	Checked	Approved
P04	Landscape Plan updated	15.03.24	GJ		GJ   DB
P03	Dew Pond added viewpoints repositioned	21.02.24	GJ		RH   RH
P02	Updated with comments from Architect 25.01.2024	07.02.24	RS		GJ   GJ
P01	Preliminary Issue	19.12.23	GJ		RS   RS

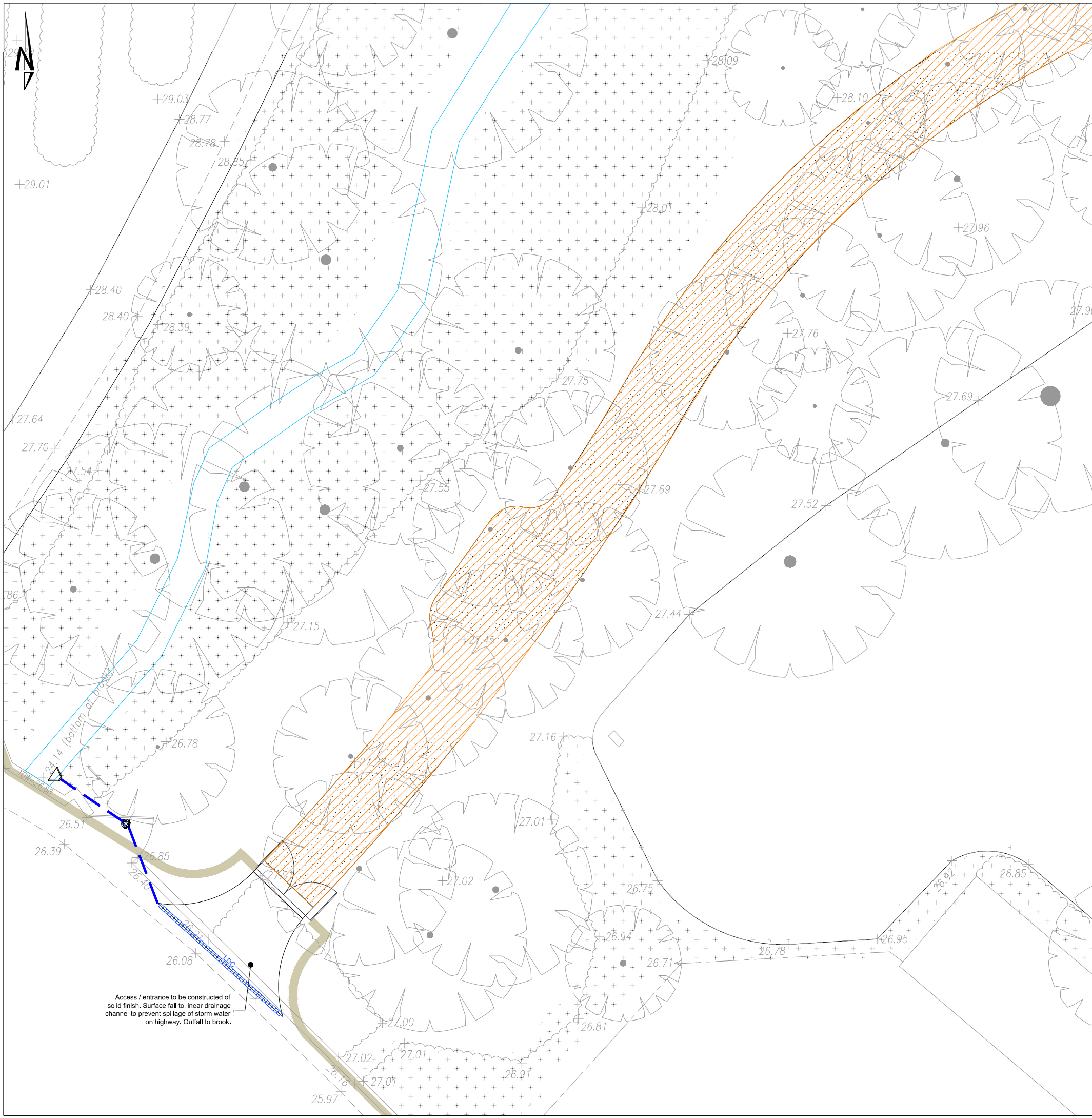
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Glosoucester  
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e: glosoucester@hydrock.com

**CLIENT**  
RICHARD PARR ASSOCIATES

**PROJECT**  
WEST BRADLEY HOUSE  
GLASTONBURY

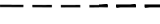
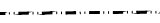










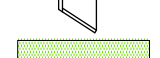






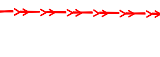








**TITLE**  
DRAINAGE LAYOUT  
SHEET 5

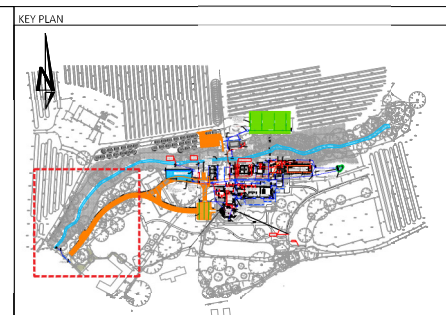
HYDROCK PROJECT NO. <b>28421</b>	SCALE @ A1 <b>1:100</b>
STATUS DESCRIPTION <b>SUITABLE FOR INFORMATION</b>	STATUS <b>S2</b>
DRAWING NO. <b>28421-HYD-XX-XX-DR-C-7005</b>	REVISION <b>P04</b>



Access / entrance to be constructed of solid finish. Surface fall to linear drainage channel to prevent spillage of storm water on highway. Outfall to brook.

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**REVISIONS**

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P02	Landscape Plan updated	15.03.24	GJ	GJ   DB
P01	Preliminary Issue	15.03.24	GJ	RS   RS

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--

**Hydrock**

CLIENT  
**RICHARD PARR ASSOCIATES**

PROJECT  
**WEST BRADLEY HOUSE  
GLASTONBURY**

TITLE  
**DRAINAGE LAYOUT  
SHEET 6**

HYDROCK PROJECT NO. <b>28421</b>	SCALE @ A1 <b>1:100</b>
STATUS DESCRIPTION <b>SUITABLE FOR INFORMATION</b>	STATUS <b>S2</b>
DRAWING NO. <b>28421-HYD-XX-XX-DR-C-7006</b>	REVISION <b>P02</b>