PHASE 1

REFER TO SHEET 3 FOR CONTINUATION

REFER TO SHEET 2 FOR CONTINUATION

Emm Brook

Attenuation Basin

4.8m PRIVATE DRIVE

5.0m TERTIARY ROAD

4.8m SHARED SURFACE

43.50

BASIN NODE 75 STORAGE - 1,200m³
MAX STORAGE DEPTH - 1.0m
IL VARIES - 41.29 TO 41.45
WATER LEVEL - 42.29
TOP OF FREEBOARD VARIES - 42.50-43.20

FLOW CONTROL DEVICE TO 20 l/s HEAD = 1.3m

LOW FLOW CHANNEL

ZONE PROVIDED FOR MAINTENANCE ACCESS

PLANTING BY LANDSCAPE ARCHITECT

CULVERTED SECTION UNDER PATH

CROSSES EXISTING SEWER

INLINE NON RETURN VALVE TO PREVENT BACKFLOW / SURCHARGING OF UPSTEAM SURFACE WATER NETWORK.

600mm Gradient TBC

ROUTE OF EXISTING SURFACE WATER PIPE

EARTHWORK TIE IN WORKS

DENOTES 41.42M AOD CONTOUR

Sub-Station

NOTES

1. DO NOT SCALE THIS DRAWING ON PRINT OR ELECTRONICALLY. WORK FROM FIGURED DIMENSIONS ONLY.
2. No deviation from the details shown on this drawing is allowed without Iesis's prior permission in writing.
3. Read this drawing with all Architects, Service Engineers and Iesis's relevant details and drawings. **NB.** Setting-out dimensions as per the Architect's drawings take precedence.
4. All work is to be in accordance with the relevant specifications issued by Iesis, British Standard Codes of Practice, Statutory requirements and the Contract Documents.
5. DRAWING STATUS
   P - PRELIMINARY - Evolving drawings for approvals,Tenders, Billings, etc.
   C - CONSTRUCTION - Fully developed drawings issued under instruction for construction.
   ONLY STATUS C DRAWINGS TO BE USED FOR CONSTRUCTION.
6. SUITABILITY CODE
   WORK IN PROGRESS:
   S0 - Work in progress
   SHARED (NON-CONTRACTUAL):
   S1 - For coordination, **S2** - For information, **S3** - For internal review and comment, **S4** - For construction approval.
   DOCUMENTATION (FOR CONTRACTOR PURPOSES):
   D1 - For costing, **D2** - For Tender, **D3** - For contractor design, **D4** - For manufacture / procurement.
   CONSTRUCTION:
   A - For construction, **B** - For construction but with comments (i.e. areas in abeyance), **C** - Comprehensive revisions required.

DESIGN SUBJECT TO TECHNICAL APPROVAL

DRAINAGE KEY

- EXISTING THAMES SURFACE WATER SEWER AND EASEMENT TO BE RETAINED
- EXISTING THAMES FOUL WATER SEWER TO BE RETAINED
- ADOPTABLE SURFACE WATER MANHOLE (MH REF (FOR DIA SEE MH SCHEDULE) COVER LEVEL / INVERT LEVEL)
- PRIVATE SURFACE INSPECTION CHAMBER (Ø450mm UNO (STANDARD TYPE 1) PLOT DRAINAGE TBC AT DETAILED DESIGN. CL=COVER LEVEL IL=INVERT LEVEL 1.5M=PIPE GRADIENT)
- ADOPTABLE FOUL WATER MANHOLE (MH REF (FOR DIA SEE MH SCHEDULE) COVER LEVEL / INVERT LEVEL)
- PRIVATE FOUL INSPECTION CHAMBER (Ø450mm UNO (STANDARD TYPE 1) PLOT DRAINAGE TBC AT DETAILED DESIGN. CL=COVER LEVEL IL=INVERT LEVEL 1.5M=PIPE GRADIENT)
- 10.000 VERTICAL BACKDROP
- HW / RG HIGHWAY ROAD GULLY, 150mm DIA LATERAL

SHEET LOCATION PLAN

SHEET 1 | SHEET 3 | SHEET 2 | SHEET 4

N

SCALE - 1:250

5m 0 5m 10m 15m 20m

Status/Re	Description	Date	By
P1	ISSUED FOR APPROVAL	02.05.25	KW

IESISCIVILS

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Job Title: LAND AT WINNERSH FARM

Client: TAYLOR WIMPEY WEST LONDON

PHASE 2
PROPOSED DRAINAGE LAYOUT
SHEET 4

drawn	date	scale @ A0	C1 checked	IRHA Project No.
KW	MAY'25	1:250	-	SE2326

Drg No.	Suitability	Status/Revision
IESIS-DR-C-PH2-6004	S3	P1

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