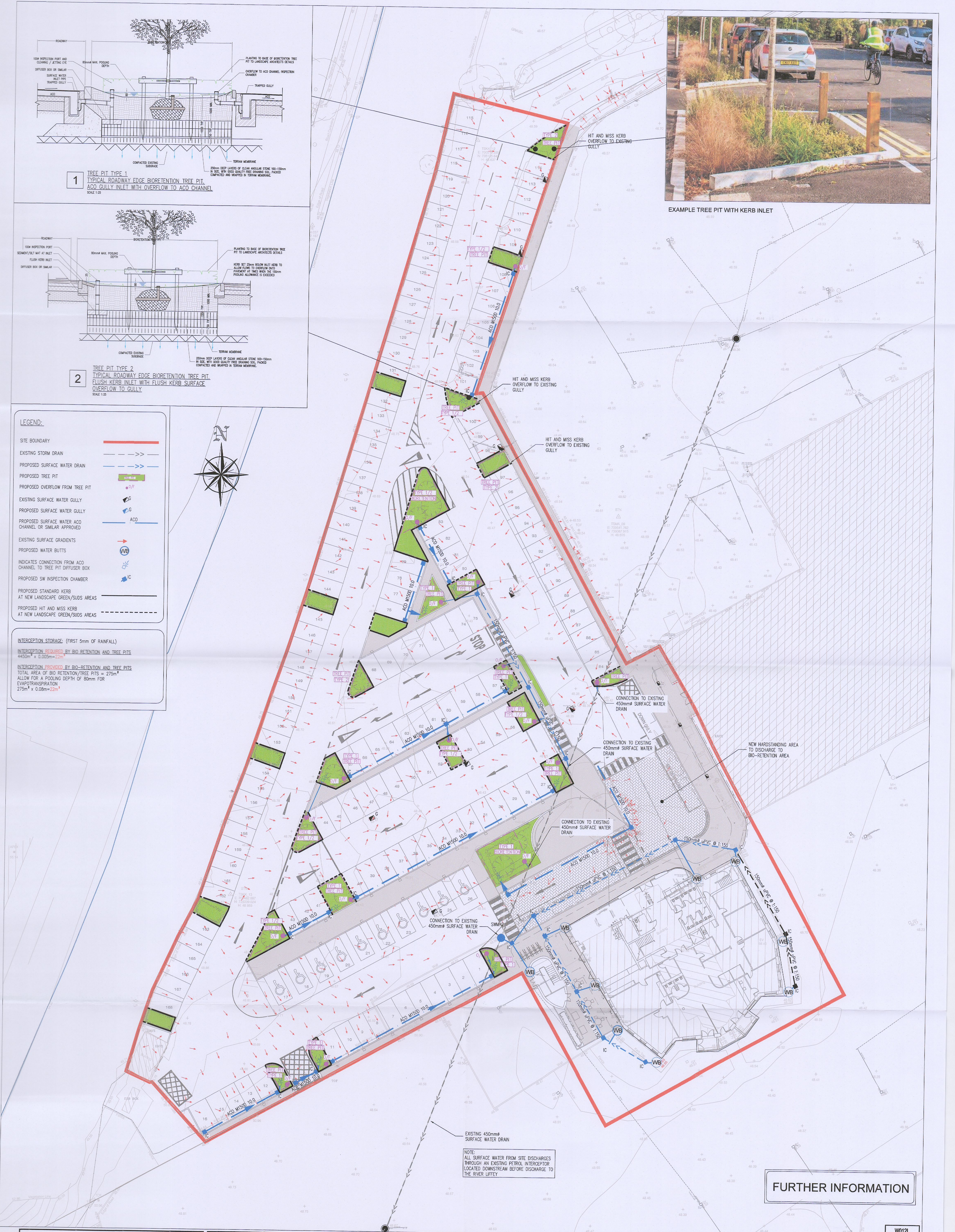


LEGEND:

- SITE BOUNDARY
- EXISTING STORM DRAIN
- PROPOSED SURFACE WATER DRAIN
- PROPOSED TREE PIT
- PROPOSED OVERFLOW FROM TREE PIT
- EXISTING SURFACE WATER GULLY
- PROPOSED SURFACE WATER GULLY
- PROPOSED SURFACE WATER ACO CHANNEL OR SIMILAR APPROVED
- EXISTING SURFACE GRADIENTS
- PROPOSED WATER BUTTS
- INDICATES CONNECTION FROM ACO CHANNEL TO TREE PIT DIFFUSER BOX
- PROPOSED SW INSPECTION CHAMBER
- PROPOSED STANDARD KERB AT NEW LANDSCAPE GREEN/SUDS AREAS
- PROPOSED HIT AND MISS KERB AT NEW LANDSCAPE GREEN/SUDS AREAS

INTERCEPTION STORAGE: (FIRST 5mm OF RAINFALL)
INTERCEPTION REQUIRED BY BIO-RETENTION AND TREE PITS
 $44.5m^2 \times 0.005m = 222m^3$

INTERCEPTION PROVIDED BY BIO-RETENTION AND TREE PITS
 TOTAL AREA OF BIO-RETENTION/TREE PITS = $275m^2$
 ALLOW FOR A POOLING DEPTH OF 80mm FOR EVAPOTRANSPIRATION
 $275m^2 \times 0.08m = 22m^3$



NOTE:
ALL SURFACE WATER FROM SITE DISCHARGES THROUGH AN EXISTING PETROL INTERCEPTOR LOCATED DOWNSTREAM BEFORE DISCHARGE TO THE RIVER LIFFEY

FURTHER INFORMATION

- NOTES**
- For setting out refer to Architect's drawings
 - This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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Rev. No.	Date	REVISION NOTE	Des. By	Chkd. By
P01	21.12.2022	ADDITIONAL INFORMATION FOR PLANNING APPLICATION REG. REF: S022A0345	DD	OS

Architect	NBK Architects Ltd
Project	Proposed Extension to Terminal Building and Ancillary Development Works At Weston Airport
Title	Proposed Drainage Layout Plan
Draw. No.	W012L-CSC-ZZ-XX-DR-C-0003
Date	29/11/2022
Des. By	JF
Chkd. By	OS
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OHSAS 18001:2007

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