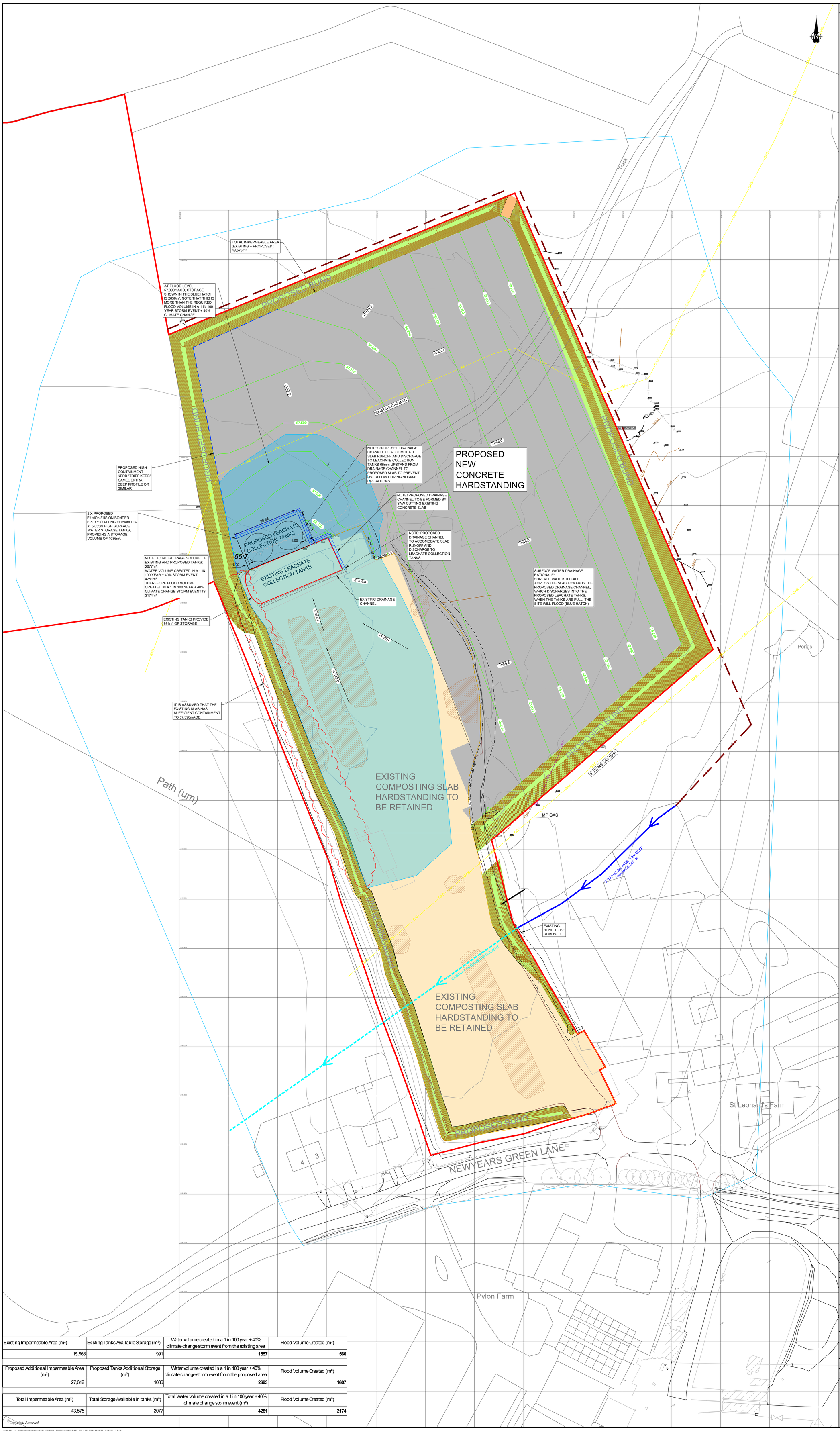

DO NOT SCALE FROM THIS DRAWING

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION AND ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
3. THE GENERAL SPECIFICATION OF MATERIALS AND WORKMANSHIP FOR THE CONSTRUCTION OF THE ACCESS ROAD, FOOTPATHS AND OTHER AREAS OF HARDSTANDING SHALL BE THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME 1, SPECIFICATION FOR HIGHWAY WORKS (SHW) PUBLISHED BY THE STATIONARY OFFICE, MARCH 1998 AND ALL SUBSEQUENT AMENDMENTS.
4. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED IN ADVANCE OF THE WORKS.
5. CONCRETE MIXES INDICATED ON THIS DRAWING ARE DESIGNATED MIXES IN ACCORDANCE WITH BS 5328: 1997. MIX
6. ALL EXISTING SERVICES TO BE LOCATED AND WHERE NECESSARY DIVERSIONS UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORKS
7. THE FORMATION OF CONCRETE PAVEMENTS AND FOOTWAYS SHALL BE PREPARED BY REMOVING ALL UNSUITABLE MATERIAL AND AN APPROVED WEEDKILLER SHALL BE SPRAYED ON THE SUB-FORMATION PRIOR TO CAPPING LAYER.
8. ANY SOFT SPOTS AT THE UNDERSIDE OF CAPPING LAYER TO BE EXCAVATED AND REPLACED WITH AN APPROVED GRANULAR MATERIAL AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION.
9.

CBR VALUE AT FORMATION	SUB-BASE & CAPPING THICKNESS
CBR GREATER THAN 15%	150mm SUB-BASE
CBR GREATER THAN 2% BUT LESS THAN 15%	150mm SUB-BASE PLUS 350mm CAPPING
CBR LESS THAN 2%	150mm SUB-BASE PLUS 850mm CAPPING

10. NOTE: IF CBR IS GREATER THAN 15%: 250mm SUB-BASE REQUIRED IF SUB-GRADE IS FROST-SUSCEPTIBLE
11. ALL IMPORTED MATERIAL SHALL BE IN PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS SERIES 600.
12. PROPOSED BUND CONSTRUCTION TO BE CONFIRMED, SUBJECT TO DETAIL DESIGN

KEY

- SITE BOUNDARY
- PROPOSED CONCRETE HARDSTANDING
- EXISTING COMPOSTING SLAB TO BE RETAINED
- 58.500 — PROPOSED SLAB CONTOURS
- -1:46.7 — PROPOSED SLAB SLOPE
- PROPOSED LEACHATE TANK SLAB
- PROPOSED DRAINAGE CHANNEL (PLEASE SEE DRAWING ST21061-120 FOR DETAILS
- PROPOSED FLOOD AREA (57.390mAOD WATER LEVEL)
- PROPOSED HIGH CONTAINMENT KERB "TRIEF KERB" CAMEL EXTRA DEEP PROFILE OR SIMILAR (PLEASE SEE DRAWING ST21061-120 FOR DETAILS)
- EXISTING DRAINAGE DITCH
- EXISTING 1m DIAMETER CULVERT
- GAS — EXISTING GAS MAIN TO BE RETAINED
- EXISTING BUND TO BE REMOVED
- PROPOSED BUND (DETAILS TBC SUBJECT TO DETAIL DESIGN)
- PROPOSED FILTER DRAIN, SEE DRAWING ST21061-120 FOR DETAILS

Existing Impermeable Area (m²)	Existing Tanks Available Storage (m³)	Water volume created in a 1 in 100 year + 40% climate change storm event from the existing area	Flood Volume Created (m³)
15,963	991	**1557**	**566**

Proposed Additional Impermeable Area (m²)	Proposed Tanks Additional Storage (m³)	Water volume created in a 1 in 100 year + 40% climate change storm event from the proposed area	Flood Volume Created (m³)
27,612	1086	**2693**	**1607**

Total Impermeable Area (m²)	Total Storage Available in tanks (m³)	Total Water volume created in a 1 in 100 year + 40% climate change storm event (m³)	Flood Volume Created (m³)
43,575	2077	**4251**	**2174**

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N:\ST\ST21061 - PERMIT VARIATION WEST LONDON\03 - DESIGN\AUTOCAD\ST21061-115 P1 PROPOSED DRAINAGE PLAN.DWG

REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D
P1	DRAINAGE CHANNEL DETAIL AMENDED	09/09/24	LI		
P0	PRELIMINARY ISSUE	21/08/24	LI		

CLIENT: WEST LONDON COMPOSTING

PROJECT: PERMIT VARIATION WEST LONDON

DRAWING TITLE: PROPOSED DRAINAGE PLAN

PRELIMINARY

DRG No.	REV	SUIT. CODE
ST21061-115	P1	

DRG SIZE	SCALE	DATE
A0	1:500	20/08/24

DRAWN BY	CHECKED BY	APPROVED BY
LI		

wardell armstrong