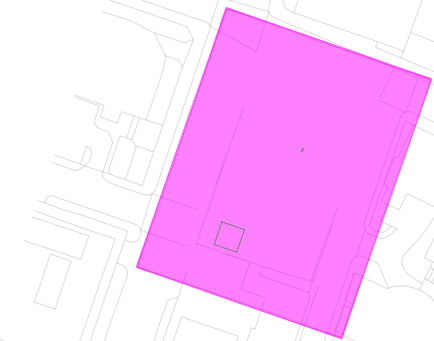


STANDARD NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
- THIS DRAWING SHOULD NOT BE SCALED.
- ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
- ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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LOCATION PLAN



NOTES:

- THIS DRAWING IS BASED ON THE FOLLOWING:
 - PROPOSED SITE PLAN AND SITE BOUNDARY PROVIDED BY AEW, DATED 25.10.2025. DRAWING REF. 'NO1LOR-AEW-XX-B1-DR-A-21050-P02-Proposed GA Plan - Basement' REVISION P02.
 - TOPOGRAPHICAL SURVEY CONDUCTED BY ND OLIVER & CO. DATED 31.01.2025. DRAWING REF. '13189/001' REVISION 0.
 - ABOVE GROUND CONNECTIONS TO BGD GA PROVIDED BY CAD21LT, DATED 03.12.25. DRAWING REF. 'NOR1LOR-CAD-52-MBB1-SK-M-52100' REV P01
- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
- SERVICES MAY BE PRESENT IN THIS AREA. THE CONTRACTOR SHALL ESTABLISH THE LINE AND LEVEL OF ALL SERVICES PRIOR TO COMMENCING ANY EXCAVATION WORKS.
- THE TOPOGRAPHICAL SURVEY HAS BEEN ASSUMED TO BE REPRESENTATIVE OF THE SITE UPON WORKS COMMENCEMENT OF EARTHWORKS OPERATIONS. CIVIC ENGINEERS ACCEPT NO LIABILITY FOR VARIATION FROM THE PROVIDED TOPOGRAPHICAL SURVEY.
- THE INFORMATION PROVIDED ON THIS DRAWING IS FOR GUIDANCE PURPOSES ONLY. CIVIC ACCEPTS NO LIABILITY FOR ANY COST INCURRED AS A RESULT OF RELYING ON THIS INFORMATION. THE INFORMATION WAS DERIVED FROM THE APPLICATION OF CIVIC'S REASONABLE SKILL AND CARE, AND MAY BE SUBJECT TO CHANGE AS SITE PROPOSALS ARE DEVELOPED. CONTRACTOR TO VERIFY AND VALIDATE PRIOR TO WORKS.

KEY:

- SITE OWNERSHIP BOUNDARY
- PROPOSED SURFACE WATER
- PROPOSED FOUL WATER
- PROPOSED ATTENUATION TANK
- EXISTING COMBINED SEWER
- INDICATIVE TOWER CRANE BASE
- PROPOSED FOUNDATION LAYOUT

15.01.26	P03	UPDATED BASEPLAN AND POP-UP LOCATIONS	ZHH	CFK
12.12.25	P02	UPDATED WITH FOUL DRAINAGE	ZHH	CFK
07.11.25	P01	ISSUED FOR INFORMATION	DA	CFK
DATE	REV	DESCRIPTION	DRAWN	CHKD

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PROJECT

No.1 LORD STREET

TITLE

DRAINAGE STRATEGY

DRAWING STATUS					STATUS CODE	
FOR INFORMATION					S3	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN	CHECKED	DA	CFK
3371	1:100	NOV 25				
DRAWING No.					REV	P03
NO1LOR-CIV-SI-XX-D-C-30001						

ALL STUB STACKS REQUIRE PROVISION FOR ACCESS POINTS FOR RODDING AND MAINTENANCE ACCESS

EXTERNAL TREE PITS AND PLANTERS TO BE COORDINATED IN LATER DESIGN STAGE TO PROVIDE RUNOFF QUALITY BENEFIT

ADDITIONAL COORDINATION WITH FOUNDATIONS AND ATTENUATION TANKS REQUIRED TO PREVENT CLASHES WITH FOUL DRAINAGE

4NO. GEOCELLULAR TANKS AS ILLUSTRATED PROVIDE TOTAL ATTENUATION VOLUME OF 122.19m³, ESTIMATED TO BE SUFFICIENT FOR RESTRICTED RATE OF 5L/s, TBC BY DETAILED DESIGN MODEL

INDICATIVE LOCATION OF OFF-LINE GEOCELLULAR ATTENUATION TANK
3.0m x 9m x 1.4 m (W x L x D)
27m³ WITH ASSUMED DEPTH OF 1.4m AND 95% POROSITY TO PROVIDE ADDITIONAL STORAGE OF 35.91m³ WHERE IDENTIFIED AS PART OF DETAILED DESIGN
MINIMUM COVER REQUIRED 0.7m.

DRAINAGE RUN TO BE COORDINATED WITH PLANTERS

PROPOSED IL: 38.750mAOD

UUMHxx
CL: 40.470m
IL: 36.500m
Dp: 3.970m
Ø: 1500mm

PROPOSED OUTFALL TO EXISTING UU's COMBINED SEWER MANHOLE.
UUMHxx
CL: 40.47mAOD
IL: 36.50mAOD
DEPTH: 3.97m
NEW DISCHARGE CONNECTION TO PUBLIC SEWER. LEVELS CONFIRMED FOLLOWING CCTV SURVEY.

HYDRO INTERNATIONAL HYDROBRAKE OR SIMILAR VORTEX FLOW CONTROL CHAMBER OUTFLOW TO BE RESTRICTED TO 5.0L/s AS PER UU's PDE RESPONSE.
CL: 40.895mAOD
IL: 38.740mAOD
DEPTH: 2.155m
1200mm DIA

INDICATIVE TOWER CRANE BASE LOCATION

INDICATIVE CONNECTION POINT / FLOW DIRECTION OF INTERNAL BUILDING DRAINAGE TBC FOLLOWING COORDINATION OF INTERNAL BELOW SLAB DRAINAGE WITH RWP LOCATIONS BY MEP CONSULTANTS

OFF-LINE GEOCELLULAR ATTENUATION TANK
8.0m x 2.8m x 1.4 m (W x L x D).
22.4m³ WITH DEPTH OF 1.4m AND 95% POROSITY TO PROVIDE ADDITIONAL STORAGE OF 29.79m³ EACH, SURROUND AND COVER TO BE COORDINATED WITH FOUNDATIONS

OFF-LINE GEOCELLULAR ATTENUATION TANK
7.0m x 2.8m x 1.4 m (W x L x D).
19.6m³ WITH DEPTH OF 1.4m AND 95% POROSITY TO PROVIDE ADDITIONAL STORAGE OF 26.07m³ EACH, SURROUND AND COVER TO BE COORDINATED WITH FOUNDATIONS

OFF-LINE GEOCELLULAR ATTENUATION TANK
8.0m x 2.8m x 1.4 m (W x L x D).
22.4m³ WITH DEPTH OF 1.4m AND 95% POROSITY TO PROVIDE ADDITIONAL STORAGE OF 29.79m³ EACH, SURROUND AND COVER TO BE COORDINATED WITH FOUNDATIONS

PROPOSED IL: 40.450mAOD

MH01
CL: 42.100mAOD
IL: 40.718mAOD
DEPTH: 1.682m
1200mm DIA

DRAINAGE RUN TO BE COORDINATED WITH PLANTERS

ALL STUB STACKS REQUIRE PROVISION FOR ACCESS POINTS FOR RODDING AND MAINTENANCE ACCESS

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ADDITIONAL COORDINATION WITH FOUNDATIONS AND ATTENUATION TANKS REQUIRED TO PREVENT CLASHES WITH FOUL DRAINAGE

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