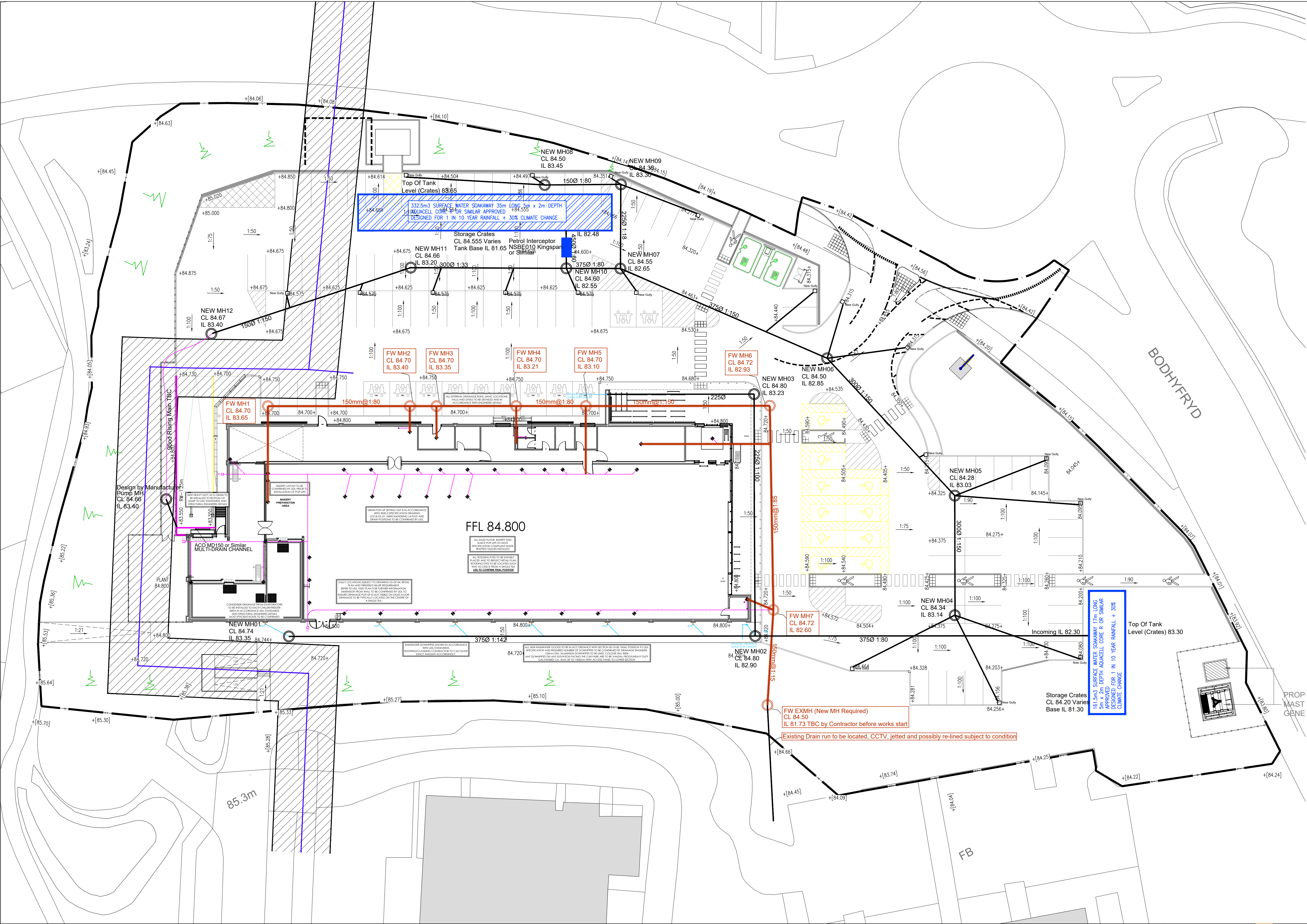




1. All dimensions are in metres unless stated otherwise.
2. This drawing shall be read in conjunction with all other relevant architectural and engineering details, drawings and specifications.
3. Any discrepancies should be reported to the engineer immediately so that clarification can be sought prior to the commencement of work.
4. The Contractor is to refer to the Lidl Development Specification for all typical details for kerbing, surface finishes and gradients.
5. All kerbs adjacent to the store are to be laid with zero upstand. All kerbs adjacent to the existing highway and around boundaries are to have 100mm upstand as per the Lidl Specification.
6. The rear of the store is to be drained using ACO drains and laid flat. The areas of car parking spaces are to be laid with a summit / valley gully design as detailed on the drainage D01.

--- PROPOSED FOUL WATER SEWER
○ PROPOSED FOUL WATER MANHOLE
- - - PROPOSED SURFACE WATER PIPE
○ PROPOSED SURFACE WATER MANHOLE

--- SITE BOUNDARY
--- PROPOSED SURFACE WATER RISING MAIN FROM PACKAGE PUMP UNIT
--- PROPOSED SURFACE WATER CHANNEL DRAIN

- 1). ALL LEVELS SHOWN ARE IN METERS AND ARE RELATIVE TO SITE DATUM
- 2). INVERT LEVELS OF ALL EXISTING CHAMBERS AND CONNECTION POINTS ARE TO BE CONFIRMED AND ENGINEER ADVISED PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS.
- 3). CONCRETE BED AND SURROUND IS REQUIRED TO ALL GULLY LEADS AND TO ALL PIPES IN HIGHWAYS/HARDSTANDING WHERE COVER TO PIPE <900mm.
- 4). ALL PIPES TO BE EITHER EXTRA STRENGTH V.C TO BS 45 OR PVC TO BS 4660 OR BS 5481 UPONOR ULTRARIB OR CONCRETE PIPES CLASS 120 TO BS 5911.
- 5). ALL RWP AND PU POSITIONS HAVE BEEN ASSUMED FOR TENDER PURPOSES. ACCURATE LOCATIONS TO BE CONFIRMED.
- 6). ALL WORKS AND MATERIALS ARE TO BE IN ACCORDANCE WITH LIDL SPECIFICATION. DIVERSIONS FROM THE SPECIFICATION MUST BE APPROVED BY LIDL GB.
- 7). ALL PENETRATIONS IN THE SLAB ARE SHOWN INDICATIVELY ON THIS DRAWING. REFERENCE IS TO BE MADE TO ARCHITECTS DIMENSIONED FLOOR LAYOUT AND TO THE CURRENT LIDL VISIO LAYOUT.

- ATTENUATION CRATE NOTES:-
- 1). THE TANK SHALL BE DESIGNED BY SPECIALIST CONTRACTOR TO PROVIDE THE AMOUNT OF ATTENUATION REQUIRED AND COMPLY WITH RECOMMENDATIONS OF CIRIA WITH REGARD TO ACCESS FOR MAINTENANCE AND FOR THE STRENGTH. THE STRENGTH OF THE TANK SHOULD COMPLY WITH CIRIA DOCUMENT C460 STRUCTURAL DESIGN OF MODULAR GEOCELL DRAINAGE TANKS.
- 2). THE TANK SHALL BE DESIGNED BY SPECIALIST CONTRACTOR TO PROVIDE THE AMOUNT OF ATTENUATION REQUIRED AND COMPLY WITH RECOMMENDATIONS OF CIRIA WITH REGARD TO ACCESS FOR MAINTENANCE AND FOR THE STRENGTH. THE STRENGTH OF THE TANK SHOULD COMPLY WITH CIRIA DOCUMENT C460 STRUCTURAL DESIGN OF MODULAR GEOCELL DRAINAGE TANKS.
- 3). STRUCTURAL CALCULATIONS FOR THE TANK WILL BE NECESSARY FOR DEPTH AND LOCATION ON PLAN TO CONFIRM ITS SUITABILITY AND DESIGN LIFE.
- 4). ATTENUATION TANK DESIGN TO INCORPORATE:-
- CRATES SUITABLE TO WITHSTAND EXPECTED VEHICLE LOADINGS.
- SUITABLE MAINTENANCE ACCESS AND METHOD STATEMENT.
- VENT TO PREVENT TRAPPED AIR POCKETS IN VOIDS.
- 5). SIZE AND ORIENTATION, DEPTH AND BASE LEVEL SUBJECT TO FURTHER INVESTIGATION OF EXISTING DRAINAGE OUTFALL. FINAL OUTFALL CONNECTIONS TO BE CHECKED BY THE CONTRACTOR PRIOR TO ALL WORKS.
- 6). STORAGE CALCULATIONS AND TANK SIZES ARE AS PER BEAM CONSULTANTS LATEST APPROVED FRA REPORT AND IN LINE WITH THEIR STRATEGY.
EXISTING FOUL CONNECTION LOCATION ALSO AS PER FRA REPORT RECOMMENDATIONS

IMPORTANT INFORMATION
Dimensions to be confirmed on site prior to start of works and ODAS to be informed of discrepancies immediately. No dimensions to be scaled from this drawing.
All materials and works are to be carried out in accordance with current British Standards, Planning Approval, current Building Regulations and Codes of Practice.
Party Wall Act - Notices under the Party Wall Act are to be served by the property owner or appointed third party by property owner.
Health and Safety - CDW 2015 Regulations apply to all construction works to be carried out and apply to designers, contractors and the client. As such all parties have duties under these regulations.

Client:
LIDL UK GMBH - RUNCORN,
WA7 1SE

Project Name:
LIDL WREXHAM

Drawing Title:
PROPOSED DRAINAGE
DESIGN

Drawing Status: CONSTRUCTION

Project No: 16055

Drawing No: SL_701

Drawn By: FT

Checked By: RL

Date: OCT 2020

Scale @ A1:1:250

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Rev	Date	Description	Revised By	Checked By

Notes