

PLEASE NOTE:  
THE CONTRACTOR SHALL COORDINATE WITH THE RETAIL UNIT DEVELOPMENT AND THEIR DESIGN TEAM TO CONFIRM THE LOCATION, SIZE AND EXTENTS OF EACH AREA OF DIFFERING REQUIRED BEARING CAPACITY TO BE ACHIEVED PRIOR TO COMPLETING THE REQUIRED GROUND IMPROVEMENT WORKS UNDER THE PROPOSED RETAIL UNIT FLOOR SLAB, FOUNDATIONS AND ADJACENT RETAINING WALLS

EXTENT OF VIBRO STONE COLUMN or CMC GROUND IMPROVEMENT REFER TO SECTION A-A, B-B, AND C-C FOR FURTHER ILLUSTRATIONS

SITE WORKS:  
THE CONTRACTOR SHOULD MAKE AN ALLOWANCE FOR GROUTING OF ALL MINE WORKS WITHIN THE SITE FOOTPRINT

SUBSTATION FOUNDATION TO BE COMPLETED DURING ENABLING WORKS

RETAIL UNIT  
24535 SF

NOTE: PLATFORM AND SERVICES FOR HOME BARGAINS UNIT IN LINE WITH BIRKSTALL PLATEAU PERFORMANCE SPECIFICATION BY JKA

FFL +151.50

GARDEN CENTRE  
5520 SF

**LEGEND - PROPOSED GROUND IMPROVEMENT PLAN**

	SITE BOUNDARY
	PROPOSED PEDESTRIAN PARAPET 1.15m
	EXTENT OF VIBRO STONE COLUMN or CMC GROUND IMPROVEMENT TO ACHIEVE A MINIMUM BEARING CAPACITY OF 150 kPa

**LEGEND - SERVICES**

	PROPOSED WATERMAIN
	PROPOSED FOUL WATER PIPE
	PROPOSED ELECTRICITY SERVICE DUCT
	PROPOSED BT DUCT

**LEGEND - BOUNDARY TREATMENTS**

ELEMENT	SHOWN AS
SITE BOUNDARY	
ARBUS VEHICLE RESTRAINT BARRIER	
PROPOSED PEDESTRIAN PARAPET 1.1m	

**SITE BEARING CAPACITIES**

LOCATION	SAFE BEARING CAPACITY (kN/m <sup>2</sup> )
FOUNDATIONS (PADS & STRIPS)	200
RETAIL UNIT RETAINING WALL BASES	200
LIDL FOOD STORE FLOOR SLAB	150
GARDEN CENTRE SLAB	10
RETAIL UNIT FLOOR SLAB	30
CONCRETE YARD SLAB	100
EXTERNAL WORKS (CAR PARK)	10

**NOTE:**

- GRID SETTING OUT AS PER ARCHITECTS DETAIL & DESIGN.
- DIMENSIONS AS PER ARCHITECTS LAYOUT PLAN - PLEASE REFER TO ARCHITECTS DRAWINGS FOR ALL DIMENSIONS & LEVELS.
- REFER TO ARCHITECTS DRAWINGS FOR ALL SERVICES, SIZES, SETTING OUT AND ARRANGEMENT.
- ARCHITECTS DRAWINGS TO TAKE PRECEDENCE.

**IMPORTANT NOTES:**

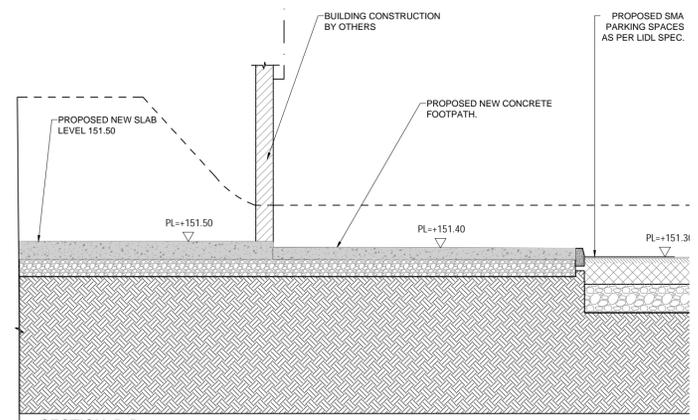
PLEASE READ THESE DRAWINGS IN CONJUNCTION WITH CURRENT LIDL CORPORATE SPECIFICATION. CORPORATE SPECIFICATION TO TAKE PRECEDENCE AT ALL TIMES. ANOMALIES TO BE NOTED IN WRITING IMMEDIATELY TO THE ENGINEER.

**FOUNDATION STANDARD BUILD UP UNLESS OTHERWISE SPECIFIED:**

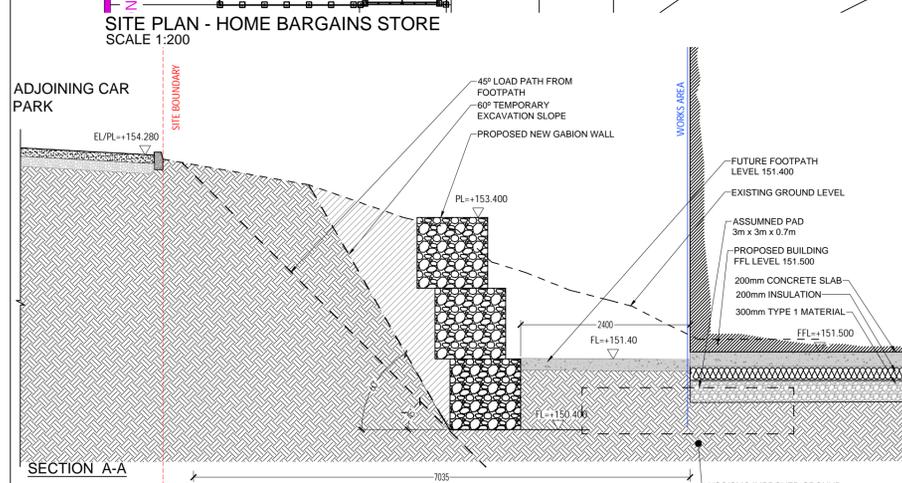
- 50mm BLINDING
- 300mm (MIN) SUB BASE TYPE 1 GRANULAR MATERIAL ROLLED IN LAYERS NOT EXCEEDING 200mm AND FULLY COMPACTED WITH A SUITABLE MECHANICAL ROLLER
- COMPACTION & SUBGRADE MODULUS TO BE ESTABLISHED BY APPROPRIATE INSITU TESTING. (PLATE BEARING TESTS WITH A PLATE DIA 600MM, MINIMUM 6 No TESTS TO BE CARRIED OUT PLATE BEARING TESTS TO BE CARRIED OUT AT EXCAVATION LEVEL PRIOR TO INSTALLATION OF CAPPING LAYER. LOCATIONS OF TEST TO BE AGREED WITH ENGINEER PRIOR TO TESTING. RESULTS TO BE FORWARDED TO ENGINEER FOR REVIEW PRIOR TO CAPPING LAYER CONSTRUCTION.

**IMPORTANT NOTE:**

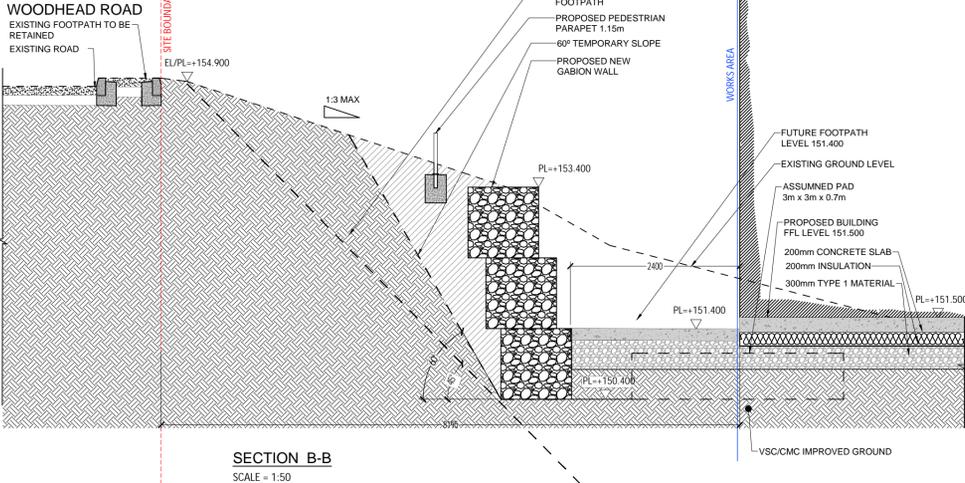
- THE PRINCIPLE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS DESIGN, INSTALLATION, MAINTENANCE AND REMOVAL. TEMPORARY WORKS DESIGN SHOULD BE SUBSTANTIATED WITH ENGINEERING CALCULATIONS AND DRAWINGS THAT FULLY DESCRIBE THE PHILOSOPHY OF THE PROPOSAL. SDS RECOMMEND THAT THE DESIGNS ARE PREPARED BY A REGISTERED DESIGN CERTIFIER WITH ADEQUATE INSURANCE TO DESIGN SUCH WORKS.
- TEMPORARY WORKS DESIGNS, CALCULATIONS AND METHOD STATEMENTS MUST BE SUBMITTED BY THE MAIN CONTRACTOR TO THE APPOINTED HEALTH AND SAFETY CONSULTANT. A SUBMISSION TO THE DESIGN ENGINEERS FOR TECHNICAL EXAMINATION AND APPROVAL IS A REQUIREMENT PRIOR TO COMMENCEMENT OF ANY WORKS
- IT IS THE MAIN CONTRACTORS RESPONSIBILITY TO ENSURE ANY SUPPORTING STRUCTURES FROM WHICH TEMPORARY WORKS ARE SUPPORTED FROM BE INCLUDED IN THE DESIGN AND CALCULATIONS PROVIDED AND ARE ALSO THE RESPONSIBILITY OF THE MAIN CONTRACTOR.
- ALL STEEL MANUFACTURE MUST BE CE CERTIFIED IN ACCORDANCE WITH BS EN 1090-1. IT IS THE PRINCIPLE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THEIR SELECTED STEEL FABRICATION SPECIALIST CAN PRODUCE STEELWORK IN COMPLIANCE. (INCLUDING SUBMISSION OF ALL RELEVANT SUPPORTING DOCUMENTATION) WITH THIS STANDARD
- CLIENTS OR MAIN CONTRACTORS WHO ENGAGE A STEELWORK CONTRACTOR SHOULD CARRY OUT DUE DILIGENCE AND SHOULD ONLY APPOINT A STEELWORK CONTRACTOR CERTIFIED WITH AN EXECUTION CLASS EQUAL TO THAT FOR THE PROJECT AS DETERMINED BY THE DESIGNER THROUGH IS EN 1090-2.



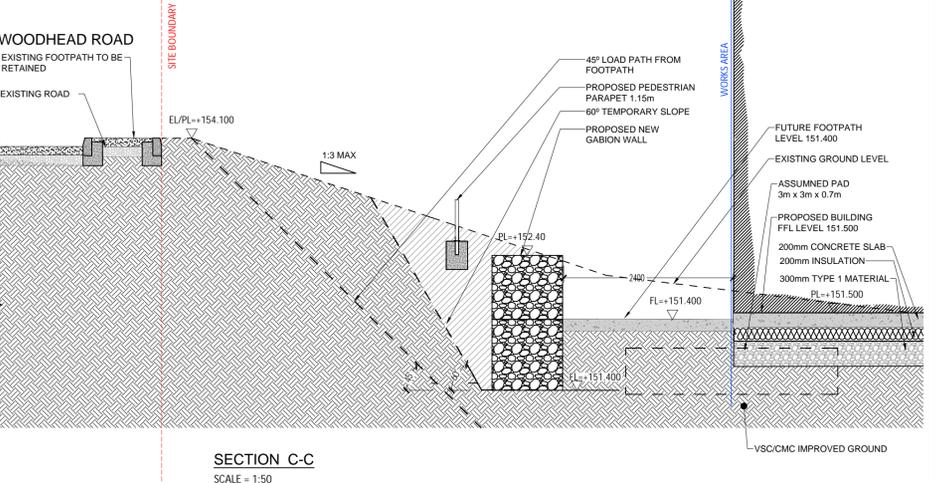
SECTION D-D  
SCALE = 1:50



SECTION A-A  
SCALE = 1:50



SECTION B-B  
SCALE = 1:50



SECTION C-C  
SCALE = 1:50

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**SDS**  
design engineers

**DRAWING NOTES:**

- This Drawing is to be read in conjunction with the relevant Specifications & other Architectural & Engineering Drawings. Engineers to be informed immediately of any discrepancies before work proceeds.
- Do Not Scale from this Drawing. Metric Figured Dimension only are to be used.
- It is the Contractors responsibility to ensure that all works are carried out in accordance with the requirements of the current Building Regulations and all other statutory documents relevant to this project including the grant of planning permission, Fire Safety Certificate and Disability Access Certificate.
- SDS (Structural Design Solutions) Ltd / SDS-UK (Structural Design Solutions) Ltd, bear no liability for unilateral changes/modifications made during the course of construction based on the drawing prepared, without prior consultation and confirmation of acceptance of the revision by SDS (Structural Design Solutions) Ltd / SDS-UK (Structural Design Solutions) Ltd.

REV.	DATE	BY	DESCRIPTION
T2	03.07.2025	SM	ISSUED FOR TENDER
T1	03.03.2025	JAC	ISSUED FOR TENDER

Client: **LIDL GB**

Project Title: **LIDL BIRSTALL, BANKWOOD WAY BIRSTALL, UK**

Drawing Title: **HOME BARGAINS SITE PROPOSED PLAN & SITE SECTIONS**

Scale: AS SHOWN	Page Size: A1	Status: TENDER
Drawn by: AC	Date: JULY 2025	Checked: SM
Project No: 24185-SDS-00-XX-DR-C-3050		
Revision: T2		