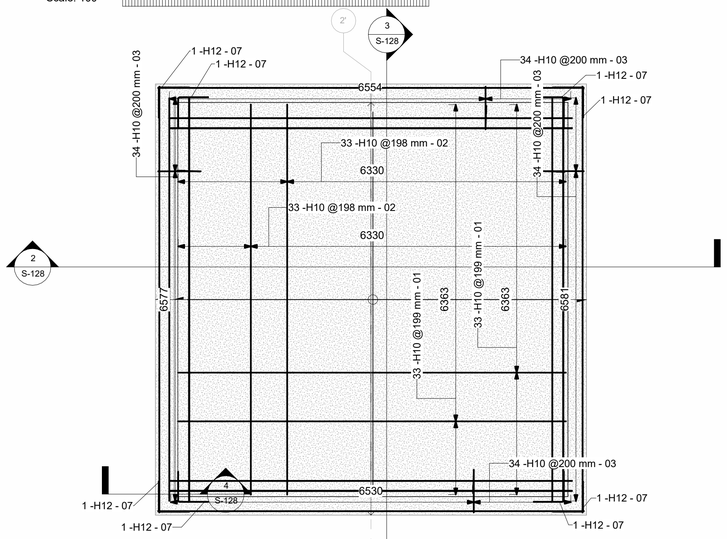
Scale: 100



1 Garage Foundation

1 : 50

Garage Foundation Reinforcement Perimenter Beam

Rebar Number	Bar Diameter	Quantity	A	B	C	D	E	F	Weight (Kg)	Image
03	10 mm	34	670 mm	215 mm	700 mm	560 mm	390 mm	130 mm	66	
03	10 mm	34	670 mm	215 mm	700 mm	560 mm	390 mm	130 mm	66	
03	10 mm	34	670 mm	215 mm	700 mm	560 mm	390 mm	130 mm	66	
03	10 mm	34	670 mm	215 mm	700 mm	560 mm	390 mm	130 mm	66	
04	12 mm	5	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	29	
04	12 mm	5	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	29	
04	12 mm	5	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	29	
04	12 mm	5	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	29	
05	12 mm	1	6955 mm	0 mm	0 mm	0 mm	0 mm	0 mm	6	
05	12 mm	1	6955 mm	0 mm	0 mm	0 mm	0 mm	0 mm	6	
05	12 mm	1	6955 mm	0 mm	0 mm	0 mm	0 mm	0 mm	6	
05	12 mm	1	6955 mm	0 mm	0 mm	0 mm	0 mm	0 mm	6	
06	16 mm	3	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	31	
06	16 mm	3	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	31	
06	16 mm	3	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	31	
06	16 mm	3	6575 mm	0 mm	0 mm	0 mm	0 mm	0 mm	31	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
07	12 mm	1	500 mm	500 mm	0 mm	0 mm	0 mm	0 mm	1	
									540	

Garage Foundation Reinforcement Slab

Rebar Number	Bar Diameter	Quantity	A	B	C	D	E	F	Weight (Kg)
01	10 mm	33	6335 mm	0 mm	0 mm	0 mm	0 mm	0 mm	129
01	10 mm	33	6335 mm	0 mm	0 mm	0 mm	0 mm	0 mm	129
02	10 mm	33	6370 mm	0 mm	0 mm	0 mm	0 mm	0 mm	130
02	10 mm	33	6370 mm	0 mm	0 mm	0 mm	0 mm	0 mm	130
									518

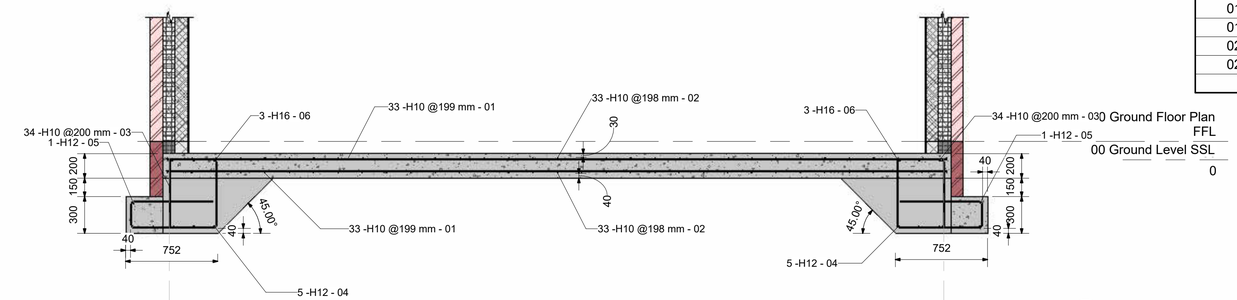
Scale: 200

GENERAL NOTES

1. UNLESS OTHERWISE STATED, ALL MEASUREMENTS AND LEVELS ARE IN MILLIMETRES (MM) ABOVE THE ORDNANCE DATUM (MAOD). ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ENGINEERS', ARCHITECTS', OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
3. THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING OR STRUCTURE DURING EXCAVATION AT ALL STAGES OF THE WORK.
4. ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND SAFETY AT WORK ACT ARE SATISFIED.
5. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES' REGULATIONS.
6. REBAR REINFORCEMENT MUST CONFORM TO BS 4449, 4482, OR 4483. HIGH-YIELD TYPE 2 DEFORMED BARS, FY 500 N/MM², SHOULD BE USED FOR ALL REINFORCING WITH THE DESIGNATION "H." MILD STEEL ROUND BARS WITH A TENSILE STRENGTH OF 250 N/MM2 SHOULD BE USED FOR ALL REINFORCING MARKED "R." HIGH-YIELD FABRIC REINFORCING IS REQUIRED THROUGHOUT. TO THE STANDARDS BS 4482 AND BS 4483.
7. ALL REINFORCED CONCRETE EXCAVATIONS MUST BE KEPT DRY AND CLEAR OF DEBRIS, WATER, AND LOOSE MATERIALS.
8. PRECAST CONCRETE SHOULD BE USED FOR SPACER BLOCKS, OR A SUITABLE PLASTIC SUBSTITUTE. THESE MUST BE UTILISED TO GUARANTEE THAT ALL REINFORCEMENT HAS THE NECESSARY AMOUNT OF CONCRETE APPLIED TO IT. BRICK, WOOD, AND OTHER MATERIALS CANNOT BE USED.
9. THE **SWIMING POOL** FLOOR GA XX-XX-XX SHOULD BE READ IN CONNECTION WITH THIS DRAWING.
10. REFER TO THE PILING CONTRACTOR DESIGN AND SPEECIFICATON. FOR INFORMATION REGARDING PILES AND REINFORCED CONCRETE STRUCTURAL NOTES OF PILES.
11. REINFORCEMENT MUST BE CHACKED AND APPROVED BY A COMPETENT ENGINEER PRIOR TO PORING OF CONCRETE.

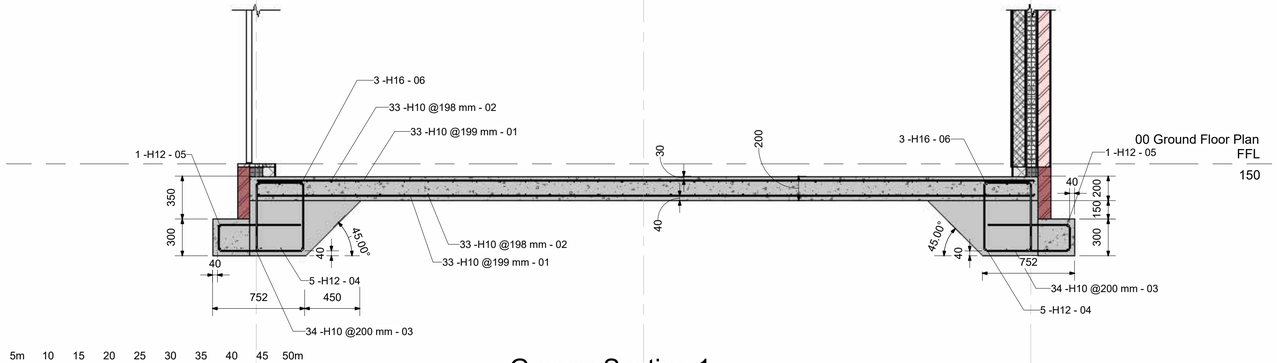
LOCATION	CONCRETE STRENGTH (28 DAYS)	COVER
SWIMING POOL	C40/50	
TOP		30mm
SIDES		40mm
BOTTOM		40mm
WALLS	C40/50	
SIDES IN		30mm
SIDES OUT		40mm

BAR DIA.	LAP LENGTH	POOR
H10	400	575
H12	525	750
H16	775	1100
H20	1000	1425
H25	1300	1850
H32	1650	2350
H40	2250	3200

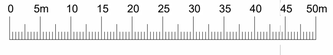


3 Garage Section 2

1 : 25

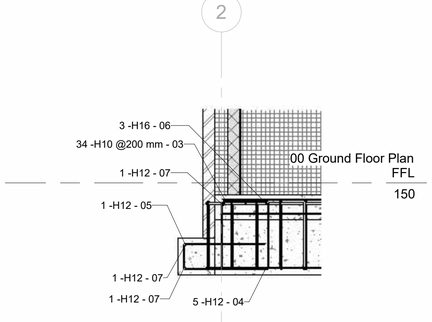


Scale: 500



2 Garage Section 1

1 : 25



4 Corner Beam Reinforcement

1 : 25

Scale: 1250

© LANDMARK GROUP

LANDMARK GROUP
THE PILLARS
SLADE OAK LANE,
GERRARDS CROSS
BUCKINGHAMSHIRE, SL9 0QE
TEL : 01895 832 560
FAX : 01895 832 360
EMAIL : INFO LANDMARK-GROUP.CO.UK
CIOB THE CHARTERED INSTITUTE OF BUILDING
RTPI Chartered Town Planner
IN PARTNERSHIP WITH LABC

SUBMISSION/ REFERENCE

DRAWING TITLE
15 TOTTERIDGE VILLAGE

CLIENT/ JOB ADDRESS
15 Totteidge Village
Barnet
N20 8PN

SHEET TITLE
Garage Foundation Reinforcement

Rev	Description	Date
1	Preliminary	16.11.2023

DRAWN BY	CHECKED BY	DATE
Author	Checker	09/21/23
SCALE (@ A1) As indicated	**PROJECT NUMBER** GH 100	
DRAWING NUMBER S-128		**REV**

1	STRUCTURAL AND BUILDING DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELATED DRAWINGS.	8	SOME AREAS OF EXISTING WORK HAVE BEEN ASSUMED. ALL ARE TO BE CHECKED ON-SITE BY MAIN CONTRACTOR AND ANY DISCREPANCIES REPORTED SO THAT ADJUSTMENTS CAN BE MADE TO THE STRUCTURAL SCHEME IF NECESSARY.
2	ALL DIMENSIONS TO BE CHECKED ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORKS.	9	IT IS THE RESPONSIBILITY OF THE CLIENT TO ENSURE THAT THOSE UNDERTAKING THE WORKS ARE COMPETENT AND EXPERIENCED IN THE TYPE OF WORK TO BE UNDERTAKEN.
3	ENGINEERS DRAWINGS INDICATE STRUCTURAL ELEMENTS ONLY.	10	ALL PLANS SHOW STRUCTURE FOR THE SPECIFIED FLOOR
4	ALL EXISTING DETAILS AND DIMENSIONS INDICATED ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR.	11	THAMES WATER (OR OTHER LOCAL WATER PROVIDER) BUILD OVER AGREEMENTS MAY BE REQUIRED. THIS IS SUBJECT TO A DRAINAGE INSPECTION AND MAY REQUIRE AN ADDITIONAL FEE, WHICH WILL BE PAYABLE TO THE WATER PROVIDER AND LANDMARK GROUP.
5	THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF EXISTING STRUCTURES AND THE WORKS AT ALL TIMES DURING CONSTRUCTION. TEMPORARY SUPPORT MAY BE REQUIRED. RESPONSIBILITY FOR ALL TEMPORARY SUPPORT REMAINS WITH THE CONTRACTOR AT ALL TIMES.	12	PARTY WALL (ETC) ACT 1996 TO BE AGREED WITH ADJOINING NEIGHBOURS PRIOR TO ALL WORK TO THE SATISFACTION OF LOCAL AUTHORITY INSPECTOR. NO DEVIATION FROM THESE DRAWING WHAT SO EVER UNLESS AGREED IN WRITING WITH LANDMARK GROUP
6	ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.	13	ALL GUTTERS, FOUNDATIONS AND DOWNPIPES TO REMAIN WITHIN THE BOUNDARY LINES OF THE SUBJECT PROPERTY. ALL PLANS ARE SUBJECT TO FULL PLANS APPROVAL BY BUILDING CONTROL, NOT BUILDING NOTICE.
7	ALL WORKMANSHIP AND MATERIALS ARE TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BS, CODES OF PRACTICE AND GOOD BUILDING PRACTICE.	14	DRAWINGS AND CALCULATIONS TO BE APPROVED BY LOCAL AUTHORITY OR APPROVED BUILDING CONTROL INSPECTOR BEFORE WORK COMMENCES.