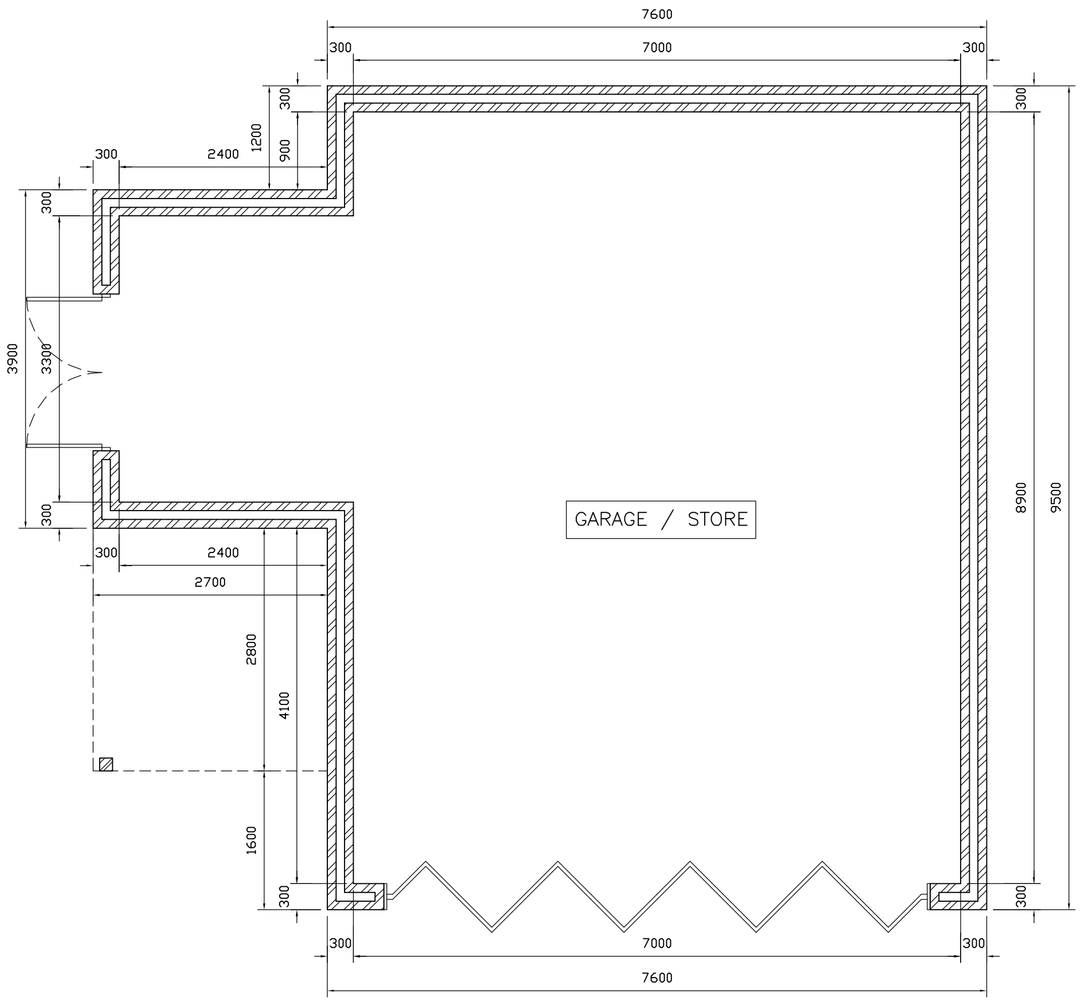
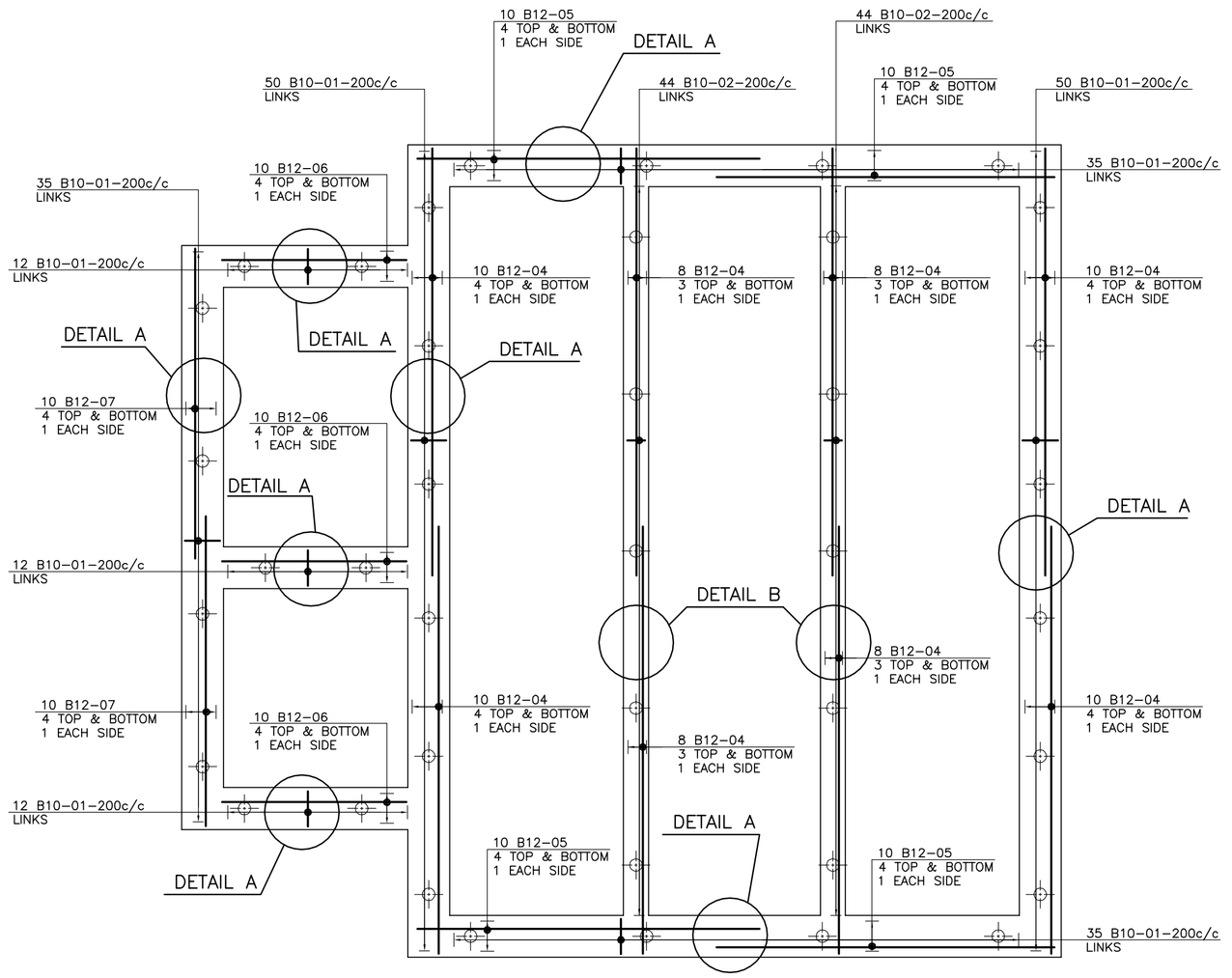
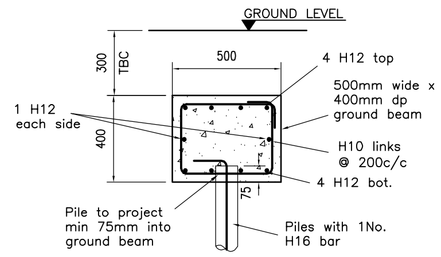


PROPOSED GROUND FLOOR PLAN
Scale 1:50



GROUND BEAM RC PLAN
Scale 1:50

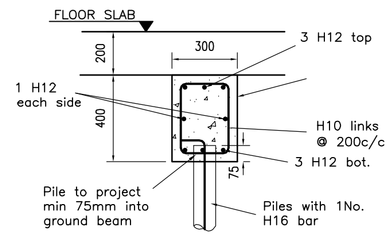
(BM03) CORNER 'L BARS' ADDED TO SCHEDULE.



TYPICAL PILE & GROUND BEAM DETAIL A
Scale 1:20

Bar from pile to project into ground beam.
Pile to project into ground beam 75mm.

Piles to piling contractors design.



TYPICAL PILE & GROUND BEAM DETAIL B
Scale 1:20

Bar from pile to project into ground beam.
Pile to project into ground beam 75mm.

Piles to piling contractors design.

GENERAL NOTES

- This drawing to be read in conjunction with all other drawings and documentation relating to this project.
- Figured dimensions take preference over scaled dimensions
- The Engineer is to be notified immediately of any discrepancies between the information shown and that found on site.
- All dimensions and existing services positions are to be verified on site by the contractor prior to ordering materials and starting the works.
- All accepted safe digging practices and safe methods of working are to be employed during the installation of the structure.
- Workmanship and material are to comply with current building regulations, British Standards, and Codes of Practice (relevant to the construction industry) and good building practice.
- The contractor is entirely responsible for the method of working, temporary supports and structural integrity of this structure and that of any adjacent structures or services that are within influencing distance of the works being carried out.
- All works to be carried out to approved risk assessments and method statements.
- All proprietary items to be fixed in accordance with manufacturers instructions and specifications.
- Pile locations to be set out and agreed on site.

CONCRETE / STEEL

1. No loading on the concrete ground beam for a minimum period of 7 days after pouring.
2. Concrete to be grade C28/35 in accordance with BS 8500.
3. All reinforcing steel is to be high yield type grade B500A or B500B conforming to BS 4449.
4. Minimum 400mm lap for A393 Mesh unless noted otherwise.
5. Minimum 400mm lap for 10mmø Bars unless noted otherwise.
6. Minimum 500mm lap for 12mmø Bars unless noted otherwise.
7. Minimum cover to all reinforcement to be 40mm.
8. All reinforcement to be supported on proprietary chairs and spacers to ensure spacing and cover is maintained.
9. All proprietary items to be fitted and used in strict accordance with the manufacturer's specification.

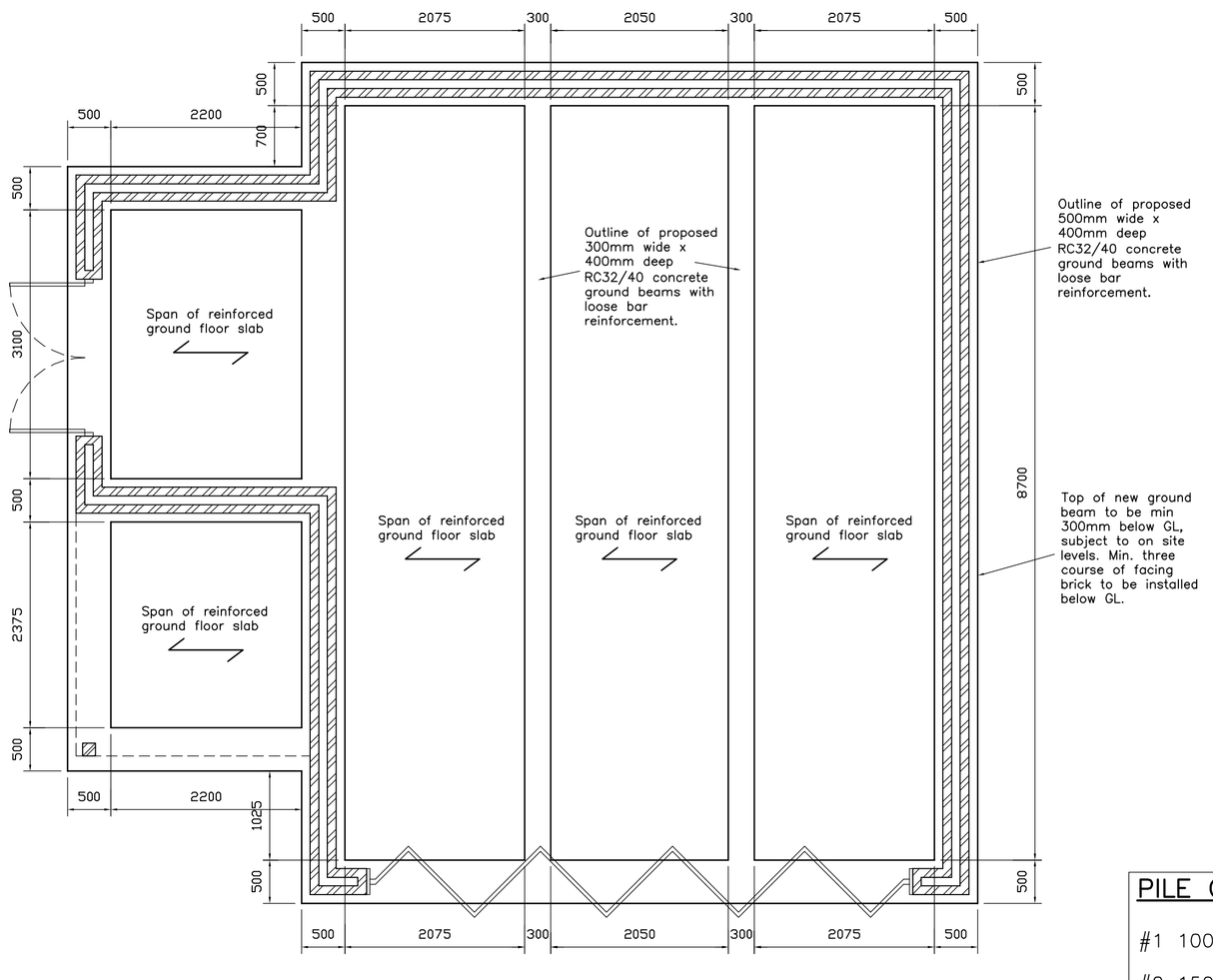
All construction details other than those shown on the this drawing are the responsibility of the building contractor, these will include but are not limited to damp proofing, ground floor construction and joints at the interface of the existing construction.

REBAR SCHEDULE - (REV A)

MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR = MM	SHAPE CODE	A * MM	B * MM	C * MM	D * MM	E/R * MM
Links	01	H10	1	241	241	1625	51	420	320	120	120	
Links	02	H10	1	88	88	1225	51	220	320	120	120	
CORNERS	03	H12	1	140	140	2000	11	1000	1000			
STRAIGHTS	04	H12	1	72	72	5100	00	5100				
STRAIGHTS	05	H12	1	40	40	4200	00	4200				
STRAIGHTS	06	H12	1	30	30	2200	00	2200				
STRAIGHTS	07	H12	1	20	20	3800	00	3800				
SLAB U BAR CLOSERS	08	H8	1	200	200	900	21	400	110	400		

ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666
* SPECIFIED TO THE NEAREST 5mm + SPECIFIED TO THE NEAREST 25mm

NOTE: NO MESH INCLUDED IN THIS SCHEDULE

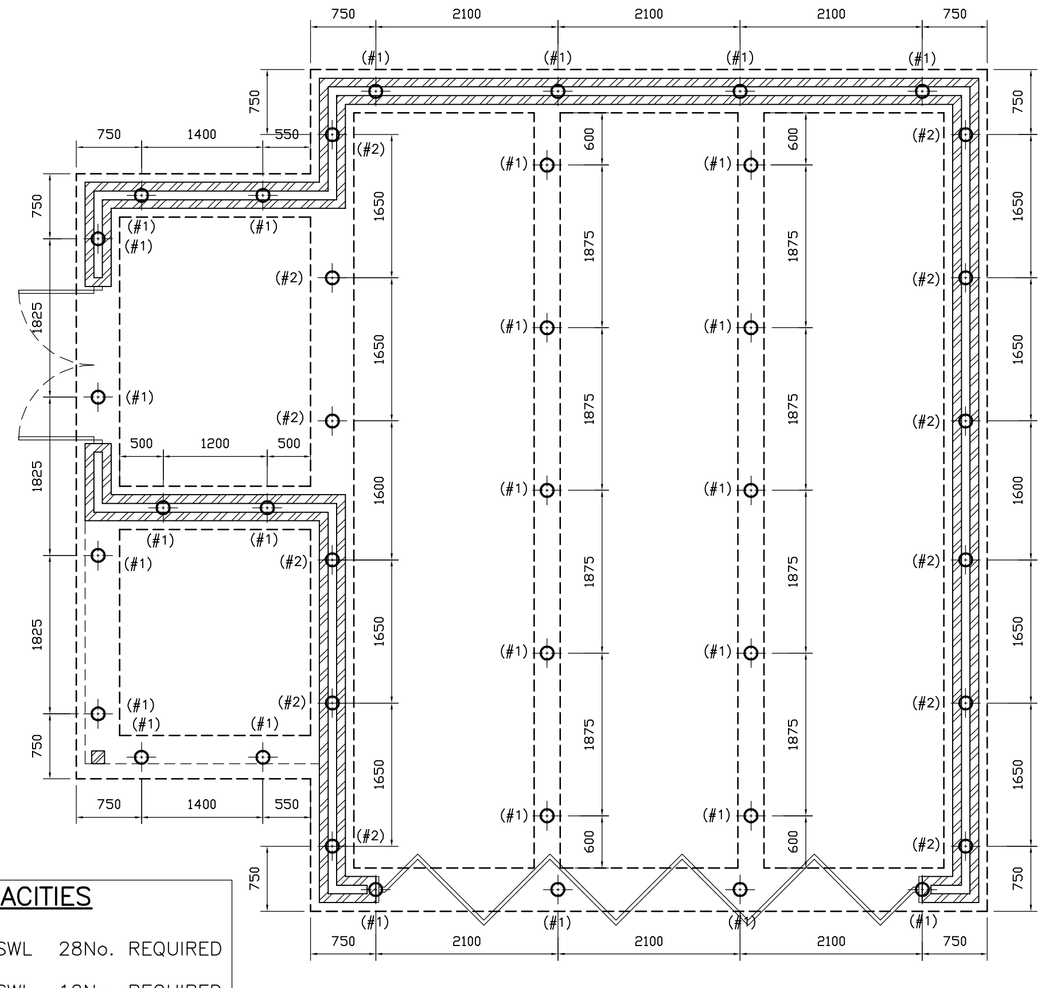


PROPOSED GROUND BEAM LAYOUT
Scale 1:50

PILE CAPACITIES

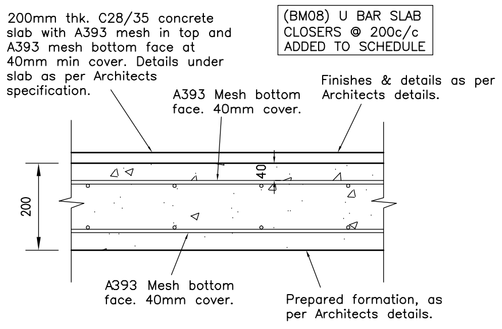
#1 100kN SWL 28No. REQUIRED

#2 150kN SWL 12No. REQUIRED



PROPOSED PILE LAYOUT
Scale 1:50

Pile setting out by main contractor.



(BM08) U BAR SLAB CLOSERS @ 200c/c ADDED TO SCHEDULE

FLOOR SLAB DETAIL
Scale 1:10

REV	DESCRIPTION	DATE	BY

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CLIENT

PROJECT

TITLE

PREVIEW ONLY

T&S Design Services
24 POPPYFIELD, COTTAM, PRESTON, PR4 0BF
Tel: 07974 772 456
E-mail: info@tandsdesignservices.co.uk

CHECKED	DATE	DRAWN	SCALE	A1
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PROJECT No.	DRAWING No.	REV
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