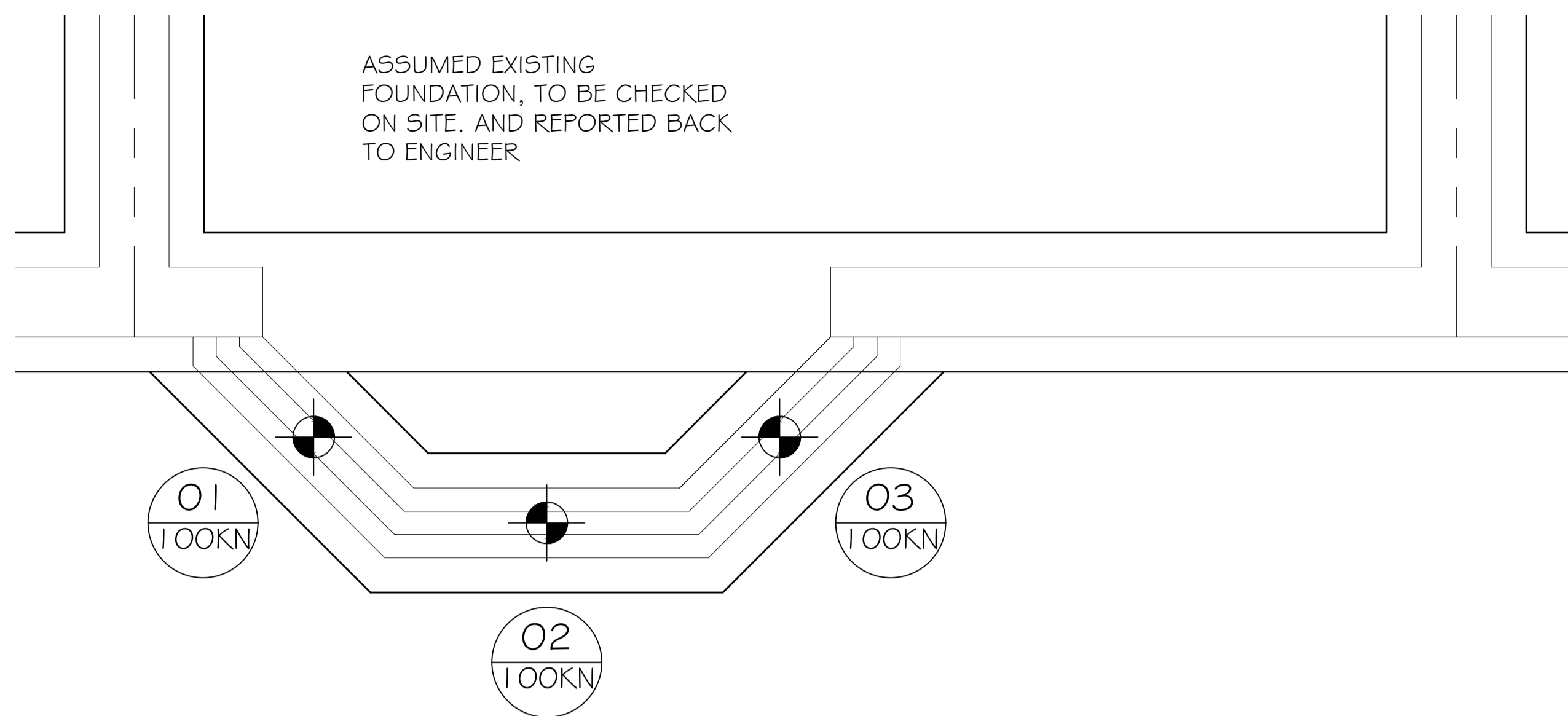


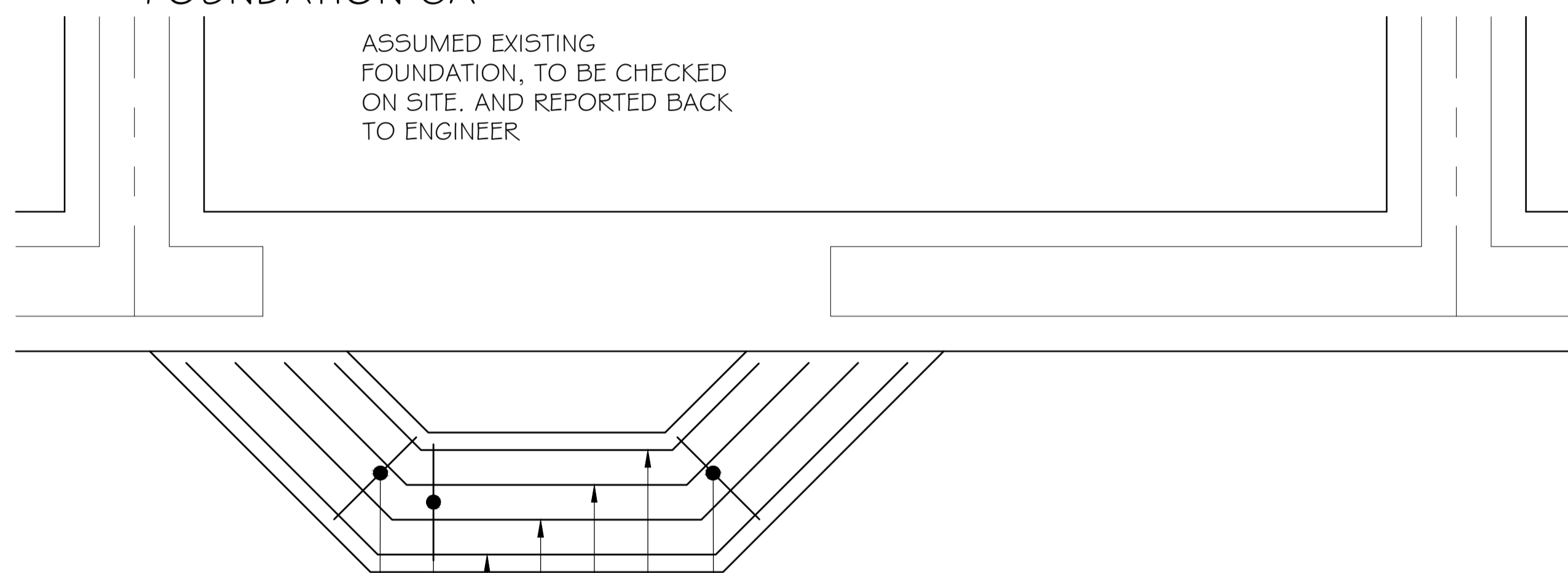
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DRAWING No. A023/115/BR/02

ASSUMED EXISTING FOUNDATION, TO BE CHECKED ON SITE. AND REPORTED BACK TO ENGINEER



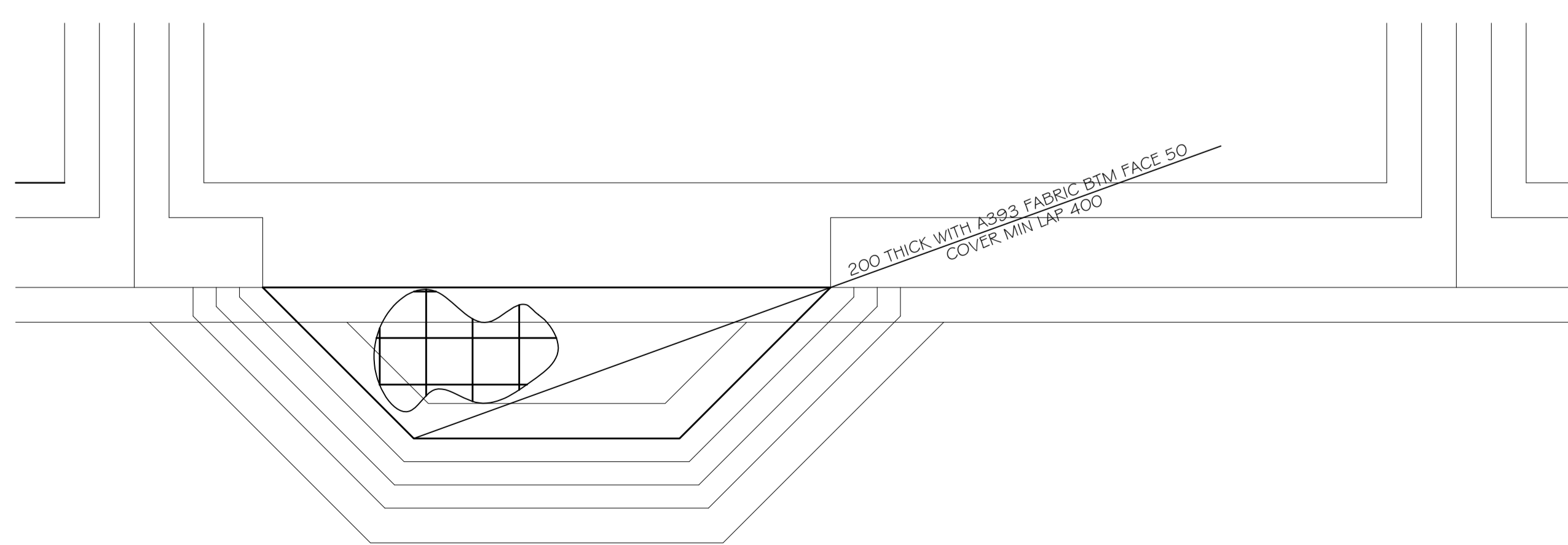
FOUNDATION GA

ASSUMED EXISTING FOUNDATION, TO BE CHECKED ON SITE. AND REPORTED BACK TO ENGINEER

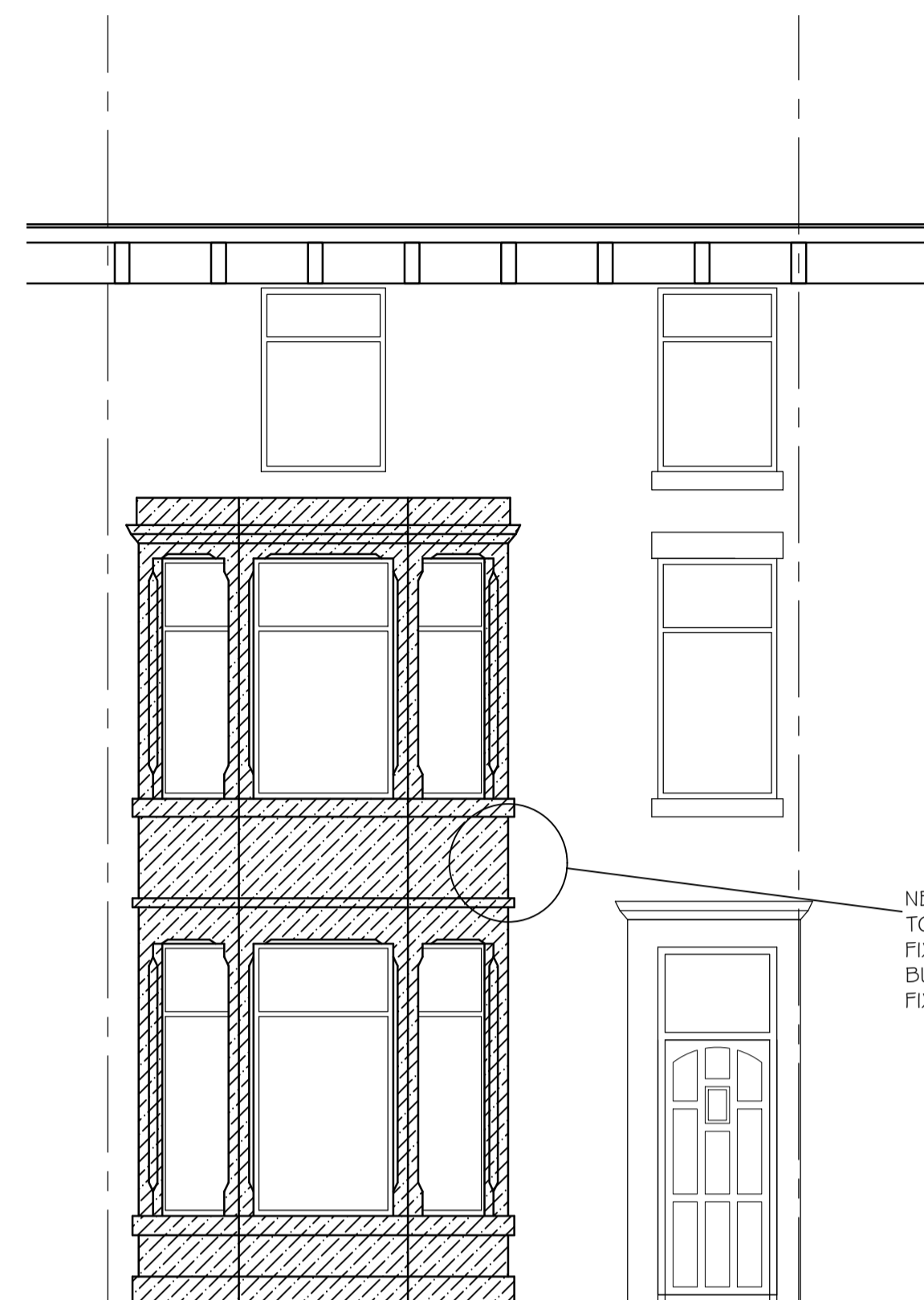


- 3 T8 - 100 - 200 LINKS
- 3 T8 - 101 - 200 LINKS
- 6 T8 - 100 - 200 LINKS
- 5 T8 - 101 - 200 LINKS
- 3 T8 - 100 - 200 LINKS
- 3 T8 - 101 - 200 LINKS
- 1 T12 - 01 - 150 T
- 1 T12 - 01 - 150 B
- 1 T12 - 02 - 150 T
- 1 T12 - 02 - 150 B
- 1 T12 - 03 - 150 T
- 1 T12 - 03 - 150 B
- 1 T12 - 04 - 150 T
- 1 T12 - 04 - 150 B

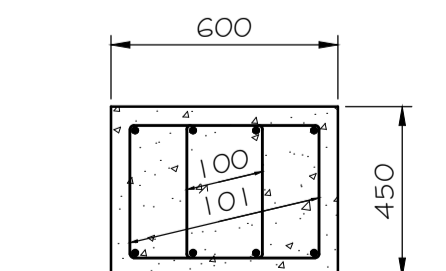
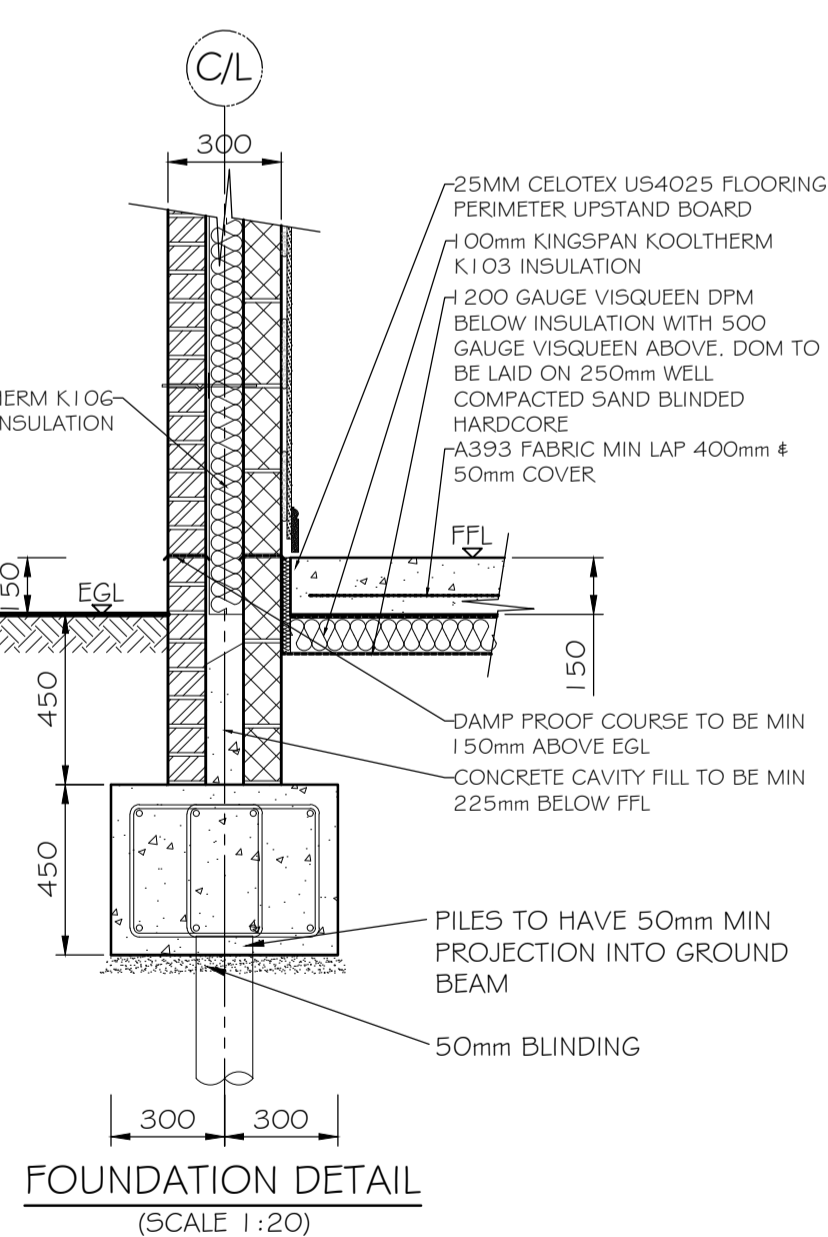
REINFORCEMENT GA



SLAB GA



PROPOSED ELEVATION



TYPICAL SECTION THRO' GROUND BEAM (SCALE 1:20)

NOTES

1. ALL DIMENSION ARE IN MILLIMETERS.
2. DO NOT SCALE FROM THIS DRAWING.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS & DOCUMENTS. THE USER SHOULD CONSULT THE DRAWING ISSUE REGISTER FOR DETAILS.
4. THE CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
5. THE ENGINEER/ARCHITECT SHOULD BE CONTACTED IMMEDIATELY IF THE ASSUMPTIONS USED IN THE DESIGN DIFFER TO THAT FOUND ON SITE.

FOUNDATIONS

- GROUND INVESTIGATION WORK HAVE BEEN CARRIED OUT AND A COPY OF THE REPORT HAS BEEN INCLUDED WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE ASSUMED TO HAVE INSPECTED THE CONTENTS OF THIS REPORT TO ENSURE THAT A SUITABLE PILING SYSTEM IS ADOPTED.
- PILING**
1. MINIMUM PILE DIAMETER TO BE 150MM.
  2. ALL PILES ARE TO BE CONTRACTOR DESIGNED TO SUSTAIN THE LOAD AS SPECIFIED IN THE PILE SCHEDULE WITH THE SPECIFIED FACTOR OF SAFETY. THE PILE DESIGN SHALL BE BASED ON THE FRICTIONAL RESISTANCE OF THE PILE SHAFT, THE END BEARING RESISTANCE, OR A COMBINATION OF BOTH. FACTOR OF SAFETY TO BE ALLOWED IN THE DESIGN SHALL BE AS FOLLOWS- FRICTIONAL RESISTANCE = 2.5 END BEARING RESISTANCE = 2.5
  3. PILES TO BE CONNECTED TO GROUND BEAMS WITH PIN JOINT. A 50MM MIN. PILE EMBEDMENT INTO THE GROUND BEAM MUST BE PROVIDED.
- PROPOSED DETAILS AND CALCULATIONS ARE TO BE SUBMITTED TO THE SUPERVISING OFFICER FOR APPROVAL PRIOR TO CONSTRUCTION
4. THE CONTRACTOR SHALL SUBMIT TO THE SUPERVISING OFFICER FULL DESIGN CALCULATIONS FOR THE FOR THE PILING WORK, ALONG WITH DETAILS OF HIS PROPOSED PILING METHOD.
  6. THE CONTRACTOR SHOULD ALLOW FOR CARRYING OUT A MIN. OF 2ND. PROOF LOAD TESTING ON PILES IN ACCORDANCE WITH BS8004.
  7. ALL PILE DIMENSIONS SHOWN ON THIS DRAWING ARE INDICATED C/C OF PILES, FOR SETTING OUT.
- INDUCED VIBRATION IN ADJACENT STRUCTURE DUE TO PILING WORKS**

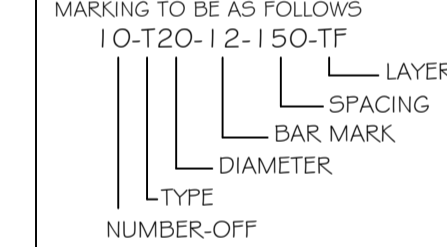
ALL THE FOLLOWING ARE TO BE IN ACCORDANCE WITH BS5228 (1992) PARTS 1&2

THE MAXIMUM PEAK PARTICLE VELOCITY (PPV) IS NOT TO EXCEED 8MM/S FOR INTERMITTENT VIBRATION AND 4MM/S FOR CONTINUOUS VIBRATION WHERE VIBRATION FREQUENCIES ARE BETWEEN 10HZ AND 50HZ, BELOW 10HZ THESE PPV VALUES ARE TO BE REDUCED BY 50, ABOVE 50HZ THESE PPV VALUES MAY BE INCREASED SUBJECT TO THE CONTRACT ADMINISTRATOR/SUPERVISING OFFICERS APPROVAL (UP TO A MAXIMUM OF 100, ALLOWANCE IS TO BE INCLUDED IN THE PILING RATES FOR MEASURING AND MONITORING INDUCED VIBRATION AT TWO LOCATIONS ONIN THE BUILDING IN ACCORDANCE WITH SECTION 3 CLAUSE 10 OF BS5228: PART 4. THE MAXIMUM PEAK PARTICLE VELOCITY OF 10MM/S AT THE TOE AND 40MM/S AT THE CREST ARE NOT TO BE EXCEEDED.

- DENOTES PILE REFERENCE No
- DENOTES PILE LOAD IN KN
- ⊕ DENOTES PILE POSITION

CONCRETE

1. THE GRADE OF CONCRETE IS TO BE C35 AS SPECIFIED IN BS5328, NOMINAL AGGREGATE SIZE 20MM, WITH WATER/CEMENT RATIO OF 0.60 AND MINIMUM CEMENT CONTENT TO BE 300 KG/M³
2. CONCRETE TO BE POURED IN DEPTHS NOT EXCEEDING 600MM AND TO BE MECHANICALLY VIBRATED AS THE POUR PROGRESSES TO ENSURE THOROUGH COMPACTION OF THE AGGREGATE.
3. ALL WORKS TO BE IN ACCORDANCE WITH BS 8110.
4. CONCRETE TO BE CURED IN ACCORDANCE WITH BS 8110 CL. 6.2.3
5. FORMWORK TO BE DESIGNED, PREPARED AND STRUCK IN ACCORDANCE WITH BS 8110 PT 1:1997 CL. 2.6
6. REINFORCEMENT TO BE IN ACCORDANCE WITH CL. 7.1.7.5, SYSTEM OF MARKING TO BE AS FOLLOWS



A	planning amendments	07-09-23	JCH
Rev.	Amendments	Date	By

**Keystone Design Associates Ltd.**

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PROJECT ADDRESS  
26 COOP STREET, BLACKPOOL, FY1 5AJ

PROJECT TITLE  
REPLACEMENT BAY

DRAWING TITLE  
FOUNDATION GA, DETAILS & NOTES

Client: CHEIF IFEANYI Scales @A1 1:20

Drawn By: JCH Checked By: DWH Date: 09-06-23

DRAWING No. A023/115/BR/02 Revision A

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