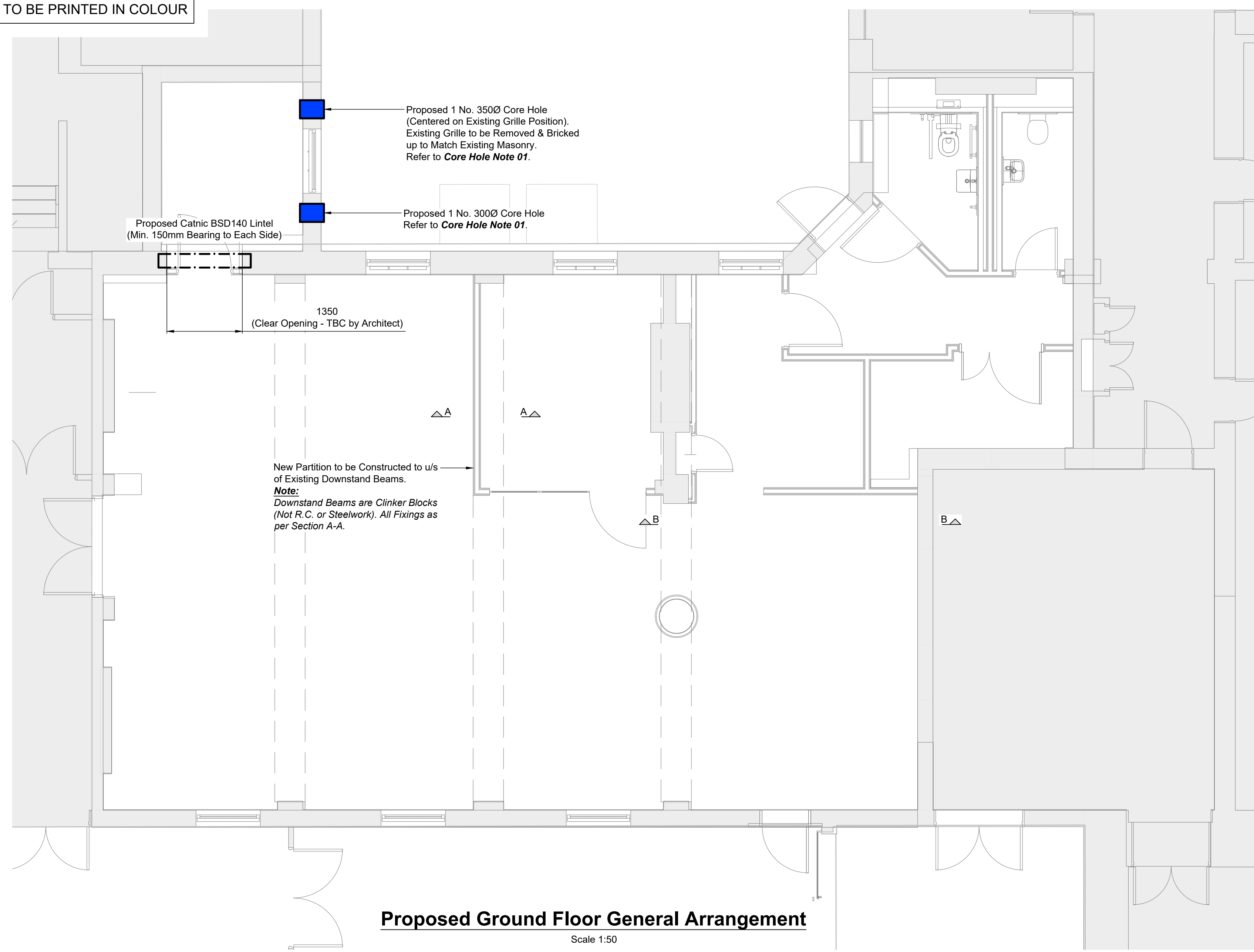
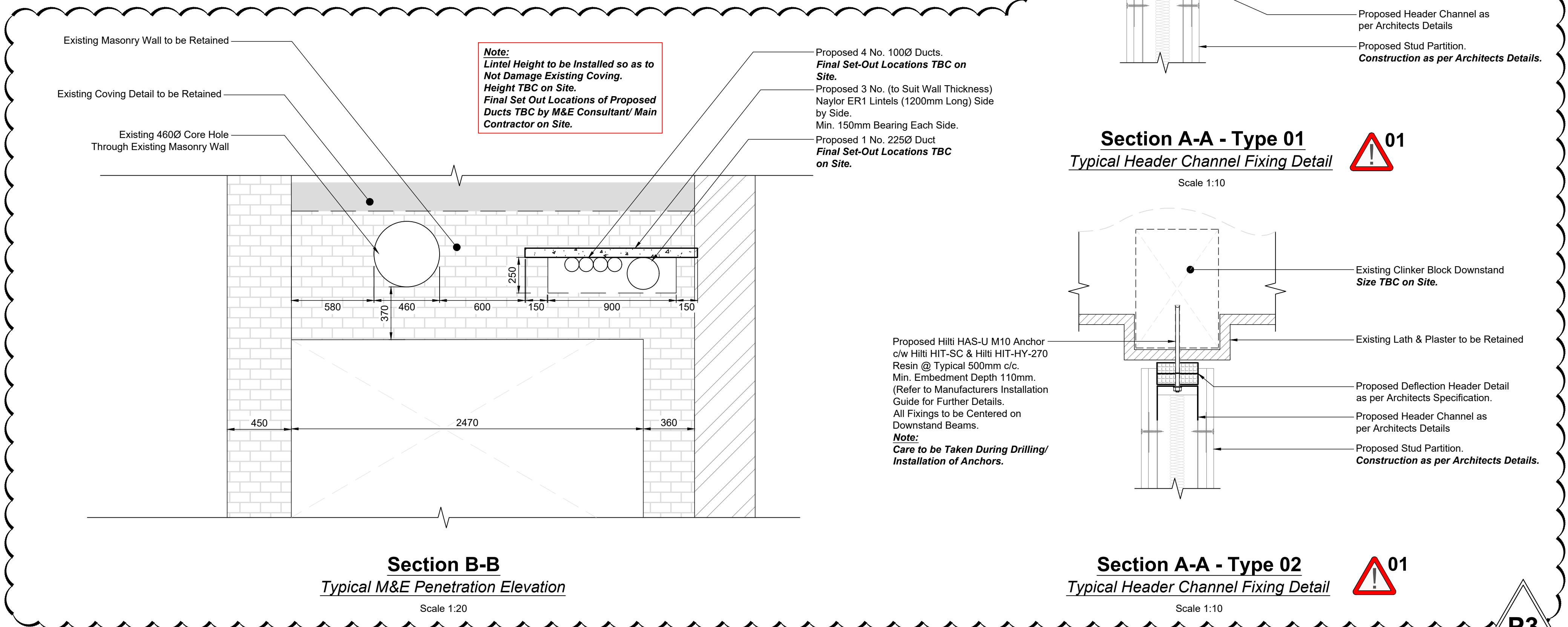




Proposed Ground Floor General Arrangement

Scale 1:50



MASONRY - GENERAL

1. REFER TO ARCHITECTS DRAWINGS FOR SETTING OUT OF ALL MASONRY WALLS, FIXINGS AND SUPPORT DETAILS.
2. ALL INTERNAL WALLS TO BE FORMED IN LIGHTWEIGHT METAL STUD PARTITIONS UNO.
3. WHERE NOTED INTERNAL WALLS ARE TO BE FORMED WITH 100mm NWC BLOCKWORK WITH A MINIMUM COMPRESSIVE STRENGTH OF 7.3N/mm².
4. ALL BLOCKWORK TO BE CONSTRUCTED WITH MORTAR TYPE M6 (II) UNO.
5. ALL BLOCKWORK BELOW DPC LEVEL IS TO BE DENSE SOLID BLOCK WITH NO VOIDS AND A MINIMUM COMPRESSIVE STRENGTH OF 7.3N/mm² AND A MAXIMUM WATER ABSORPTION RATE OF 7%.
6. ALL BRICKWORK BELOW DPC LEVEL IS TO BE A MINIMUM COMPRESSIVE STRENGTH OF 27N/mm² AND MAXIMUM WATER ABSORPTION OF 7%.
7. ALL MORTAR BELOW DPC LEVEL IS TO BE 1:3 CEMENT: SAND (GRADE 2), NO ADDITIVES WILL BE PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER.
8. ALL BRICKWORK ABOVE DPC LEVEL IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 27.0N/mm² AND A MAXIMUM ABSORPTION RATE OF 12%, UNO.
9. ALL BLOCKWORK ABOVE DPC LEVEL IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 7.3N/mm², UNO.
10. VERTICAL MOVEMENT JOINTS SHOULD BE PROVIDED IN CLAY MASONRY WALLS AT MAXIMUM 12m c/c.
11. VERTICAL MOVEMENT JOINTS SHOULD BE PROVIDED IN CONCRETE BLOCK WALLS AT MAXIMUM 6m c/c.
12. MOVEMENT JOINT LOCATIONS AND SPACINGS SHOULD BE CONFIRMED BY THE SUB-CONTRACTOR TO ENSURE JOINT SPACING AND LAYOUT SHOWN IS SUITABLE WITH THE BLOCK TYPE USED. FINAL DESIGN OF THE JOINT SPACING IS THE RESPONSIBILITY OF THE SUB-CONTRACTOR.
13. REFER TO ARCHITECTS DRAWINGS FOR SETTING OUT OF ALL MASONRY WALLS.
14. REFER TO THE ARCHITECTS DRAWINGS FOR FINAL DETAILS AND LOCATIONS OF MASONRY TIES, FIXINGS, SUPPORT DETAILS, HEAD RESTRAINTS AND MOVEMENT JOINTS.
15. WHERE SINGLE LEAF BLOCKWORK WALLS ARE SHOWN BY THE ARCHITECT, ALLOW FOR PROPRIETARY COLD ROLLED WINDPOSTS AT 3.5m MAX c/c. ANCON WP2 150x70x6 OR EQUAL APPROVED.
16. ALL WALL TIES TO BE STAINLESS STEEL AND SHALL BE IN ACCORDANCE WITH BS.1243 OR MEET WITH THE REQUIREMENTS OF DD140 PART 2.
17. WALL TIES TO BE AT 450mm VERTICAL AND 900mm HORIZONTAL CENTRES. AROUND OPENINGS AND VERTICAL UN-BONDED OR RETURNED EDGES, TIES SHALL BE PROVIDED AT 225mm VERTICAL CENTRES AND WITHIN 225mm OF THE EDGE.
18. ALL MASONRY WALLS ARE TO HAVE A VERTICALLY SLOTTED HEAD RESTRAINT TO THE FULL LENGTH OF THE WALL. UNO THE FOLLOWING STANDARD DETAIL SHOULD BE ADOPTED: ANCON IHR-B OR EQUAL APPROVED @ 450mm c/c.
19. MASONRY TIES BETWEEN THE MASONRY AND ANY RESTRAINING WINDPOSTS OR RC STRUCTURE SHOULD BE PROVIDED AT 225mm VERTICAL CENTRES.
20. THE FINAL SELECTION OF ALL PROPRIETARY MASONRY RESTRAINT PRODUCTS SPECIFIED ON THE CCS CONSULTING DRAWINGS IS THE RESPONSIBILITY OF THE MASONRY SUB-CONTRACTOR BASED ON THE MANUFACTURER/SUPPLIER SELECTED AND THE APPROPRIATE DESIGN LOADING.
21. MINIMUM BEARING OF OTHER STRUCTURAL ELEMENTS ONTO MASONRY TO BE (UNLESS NOTED OTHERWISE) :-

STEEL	100mm
PRECAST UNITS	90mm
TIMBER	70mm
LINTELS	150mm
22. CONCRETE PADSTONES WHERE SHOWN ARE TO BE A MINIMUM 440mm LONG x 215mm DEEP UNLESS NOTED OTHERWISE. ALL PADSTONES TO STEEL BEAMS SHOULD COME COMPLETE WITH 2No. M16 DIAMETER RAGE BOLTS FOR POSITIVE CONNECTION.
22. BUILDERS WORKS IN CONNECTION WITH OPENINGS - ALL PROPOSED OPENINGS/ CORES TO MASONRY WALLS TO NOT EXCEED 300mm DIAMETER WITH MINIMUM 3xDIAMETER SPACING. ALL PROPOSED OPENINGS TO BE CHECKED BY CCS ENGINEERS PRIOR TO CORING.

notes :

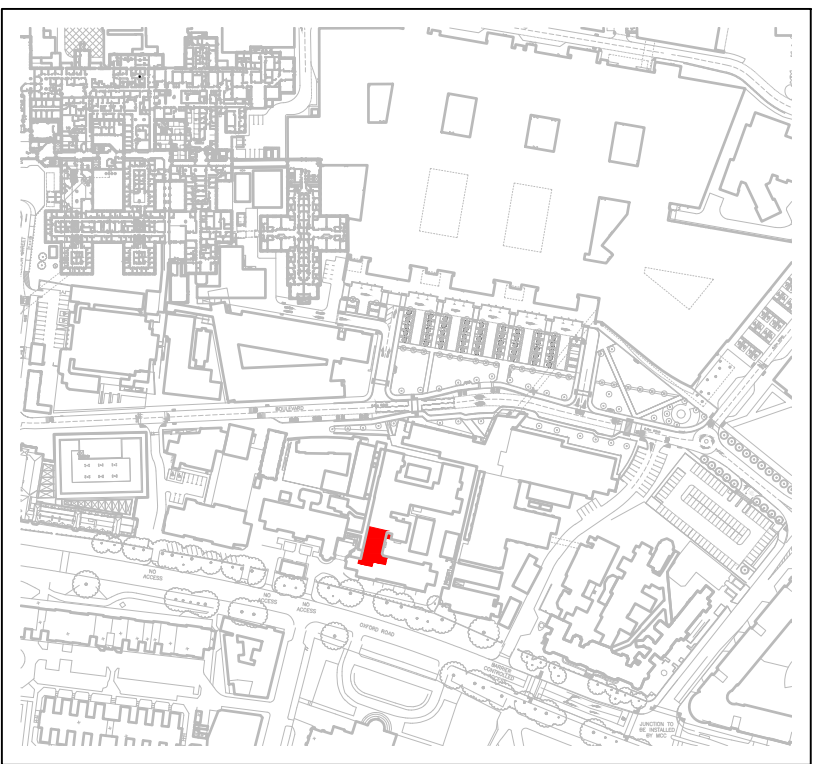
1. IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILITY TO PRINT THE DOCUMENT TO THE CORRECT SCALE
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. IT IS RECOMMENDED THAT INFORMATION IS NOT SCALED OFF THIS DRAWING
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

Core Hole Note 01:
350Ø & 300Ø Core Holes to be Positions Centrally Between Existing Precast Beam & Block Beams @ a Height to Suit M&E Requirements (i.e. as High as Possible)

Hazard & Warning Notes:

Section A-A
01 Pilot Hole to be Drilled Prior to Construction to Confirm Fixing Detail at All Required Locations.
Where Steelwork is Encountered Type 01 Header Fixing is to be Used.
Where No Steelwork is Encountered (Clinker Block Ceiling) Type 02 is to be Used.

KEYPLAN



P3	Section A-A - Split in to Types Following Further Investigation Works. Section B-B - Updated Following Further Site Surveys.	14.05.24	DF	DF
P2	Section A-A - Partition Header Fixing Detail Added. Section B-B - Prop. Core Holes/ Lintel Detail Added.	01.05.24	DF	DF
P1	Preliminary Issue	15.02.24	DF	DF
REV.	DESCRIPTION	DATE	DRW.	CHK.

Preliminary Issue - For Discussion Purposes Only



APPOINTED PARTY LOGO/INFORMATION



PROJECT

Cobbett House Office Refurbishment

TITLE

Proposed Ground Floor Plan

STATUS S1	PURPOSE OF ISSUE For Comments		
DRAWN BY DF	CHECKED BY DF	DATE Jan. '24	
SCALE (@A1) As Shown	PROJECT NUMBER DFA/SC-ERC1		
FILE DRAWING NUMBER DFA/SC-ERC1-DFA - S1 - GF-DR - S - 0400	REV. P3		