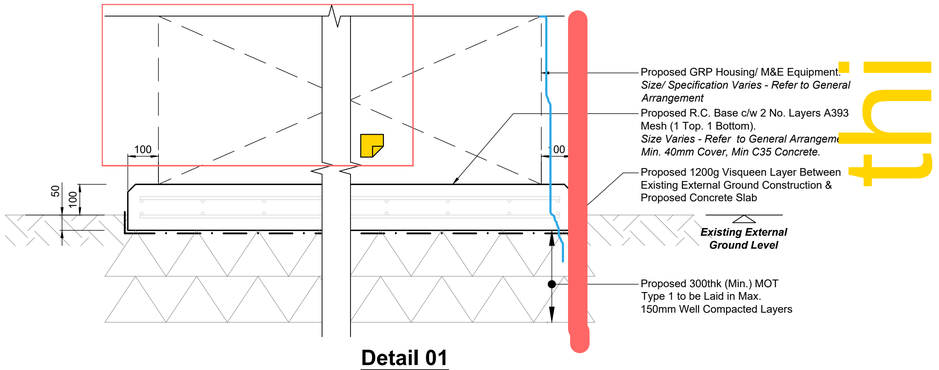
TO BE PRINTED IN COLOUR

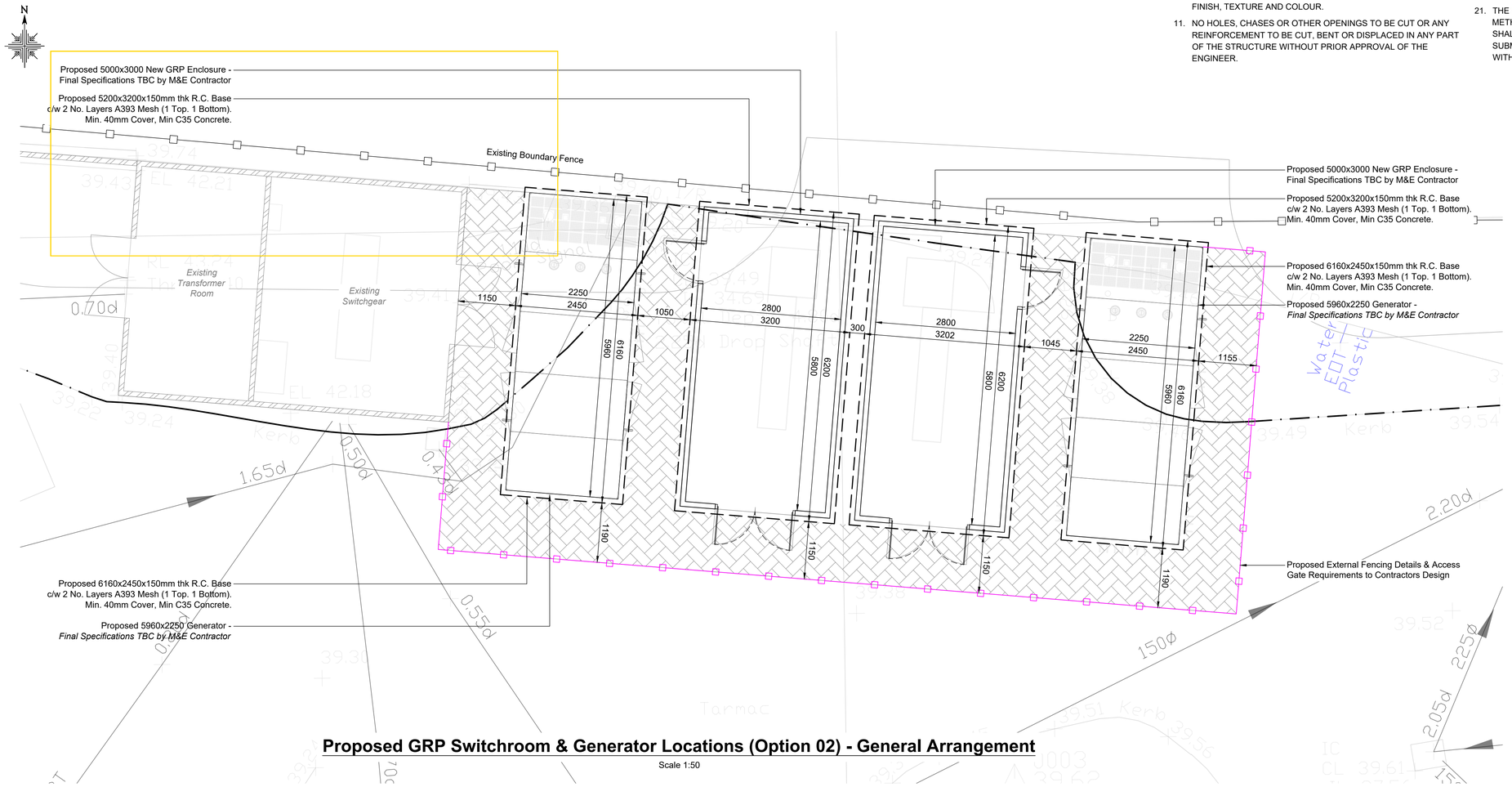
A1



Detail 01

Typical R.C. Base Construction - Elevation

Scale 1:10



Proposed GRP Switchroom & Generator Locations (Option 02) - General Arrangement

Scale 1:50

IN-SITU CONCRETE

1. REFER TO CCS CONSULTING IN-SITU CONCRETE SPECIFICATION FOR ALL RELEVANT NOTES.
   - CONCRETE GRADE FOR ALL OTHER ELEMENTS UNO - C32/40
2. ALL CONCRETE TO BE STANDARD RC35 MIX TO BS8110: MIN CEMENT CONTENT 300kg/m³ OPC; MAX FREE WATER / CEMENT RATIO 0.6, MAX AGGREGATE SIZE 20mm & 5% AIR ENTRAINMENT.
3. ALL DIMENSIONS TO SLAB EDGE TO BE CONFIRMED BY THE ARCHITECT.
4. UNO CONCRETE COVER TO OUTERMOST REINFORCEMENT TO BE:
   - FOUNDATIONS - 40mm BOTTOM, 40mm SIDE AND TOP
4. THE ABOVE COVERS RELATE TO CONCRETE CAST AGAINST FORMED SURFACES. WHERE CONCRETE IS CAST AGAINST NON-AGGRESSIVE SOIL, THE COVER TO REINFORCEMENT SHALL BE INCREASED TO 75mm.
5. ALL CONCRETE FACES TO BE CAST AGAINST FORMWORK UNLESS PRIOR CONSENT IS GRANTED BY THE ENGINEER.
6. ANY FORMWORK OR TEMPORARY PROPPING REQUIRED TO BE DESIGNED AND INSTALLED BY THE MAIN CONTRACTOR. DETAILS TO BE ISSUED TO CCS FOR COMMENT PRIOR COMMENCEMENT.
7. REFER TO ARCHITECTS DRAWINGS FOR DETAILS OF REBATES, CHAMFERS, ETC TO EXPOSED CONCRETE CONSTRUCTION.
8. 25x25 FILLETS TO BE INSTALLED TO ALL EDGES.
9. 100mm TROWELLED VERGE TO ALL EDGES AND BRUSHED FINISH TO ALL HORIZONTAL SURFACES.
10. THE EXPOSED FACES OF THE CONCRETE STRUCTURES ARE TO BE INSPECTED IN ACCORDANCE WITH THE CCS CONSULTING IN-SITU CONCRETE SPECIFICATION. EXPOSED CONCRETE TO FOLLOW ARCHITECTURAL REQUIREMENTS WITH RESPECT TO FINISH, TEXTURE AND COLOUR.
11. NO HOLES, CHASES OR OTHER OPENINGS TO BE CUT OR ANY REINFORCEMENT TO BE CUT, BENT OR DISPLACED IN ANY PART OF THE STRUCTURE WITHOUT PRIOR APPROVAL OF THE ENGINEER.
12. PENETRATIONS LESS THAN 300mm SQUARE OR DIAMETER ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS - REFER TO BUILDERS WORK DRAWINGS FOR DETAILS. BUILDINGS WORK DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR COMMENT.
13. WHERE REQUIRED PENETRATIONS OF THIS SIZE SHOULD BE FORMED PRIOR TO POURING AND REINFORCEMENT LOCALLY DISPLACED TO SUIT.
14. CONSTRUCTION JOINT POSITIONS OTHER THAN THOSE DETAILED ON THE DRAWINGS ARE TO BE AGREED WITH THE ENGINEER IN ADVANCE OF CONSTRUCTION. THE JOINTS SHOULD BE CLEANED AND ALL LOOSE CONCRETE / DEBRIS REMOVED AND ROUGHENED PRIOR TO CONCRETING THE ADJACENT POUR.
15. MAXIMUM LENGTH OF TIME BEFORE POURING AGAINST PREVIOUS DAYS WORK IS 4 DAYS.
16. ALL REINFORCEMENT TO BE GRADE 500 CONFORMING TO BS 4449:2005 AND SCHEDULED IN ACCORDANCE WITH BS 8666:2005
17. ALL REINFORCEMENT SHALL BE SECURELY SUPPORTED IN ITS CORRECT POSITION DURING CONCRETING BY APPROVED BAR CHAIRS, SPACERS OR SUPPORT BARS. THESE TEMPORARY ELEMENTS WILL NOT BE SHOWN ON CCS CONSULTING REINFORCEMENT DRAWINGS.
18. SURFACE HOLES RESULTING FROM THE USE OF FORMWORK THROUGH TIES SHALL BE PLUGGED WITH A SEMI-DRY 1:3 CEMENT: SAND MIX WELL RAMMED IN.
19. SIZE OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
20. NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
21. THE CONTRACTOR SHALL PROVIDE INFORMATION OF THEIR METHODS OF CONTROLLING THE CURING OF CONCRETE AND SHALL DETAIL THESE IN A METHOD STATEMENT FOR SUBMISSION TO THE ENGINEER/ARCHITECT IN ACCORDANCE WITH THE SPECIFICATION.

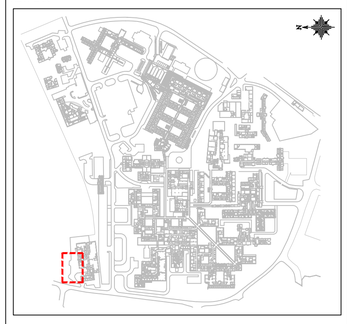
notes :

1. IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILTY TO PRINT THE DOCUMENT TO THE CORRECT SCALE
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
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.

Legend

- Denotes Propsoed (Min.) 800mm Wide Access Walkway
- Denotes Outline of Existing Car Park Boundary/ Kerb Line

KEYPLAN



REV.	DESCRIPTION	DATE	DRW.	CHK.
T1	Tender Issue	10.02.22	JF	WFF
P1	Preliminary Issue	19.01.22	JF	WFF

Tender Issue - For Costing Purposes Only

Manchester University NHS Foundation Trust

APPOINTED PARTY LOGO/INFORMATION

ccs consulting MANCHESTER · LONDON · LEEDS

PROJECT
Wythenshawe Hospital - CSB Switchboard Replacement

TITLE
Clinical Science Building - Proposed Switch Rooms & Generators Plan - (Option 02)

STATUS	PURPOSE OF ISSUE
D2	For Tender

DRAWN BY	CHECKED BY	DATE
JF	WFF	Jan. '22

SCALE (@A1)	PROJECT NUMBER
As Shown	21-2127

FILE DRAWING NUMBER	REV.
212127 - CCS - D2 - XX- DR - S - 0410	T1