Detail 01 Typical R.C. Base Construction - Elevation



IN-SITU CONCRETE

- 1. REFER TO CCS CONSULTING IN-SITU CONCRETE SPECIFICATION 12. PENETRATIONS LESS THAN 300mm SQUARE OR DIAMETER ARE 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
- 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 19. SIZE OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF 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.

- NOT SHOWN ON THE STRUCTURAL DRAWINGS REFER TO BUILDERS WORK DRAWINGS FOR DETAILS. BUILDINGS WORK DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR
- 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.
- 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:

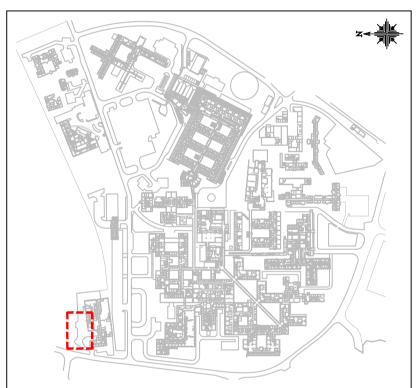
- IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILTY TO PRINT THE DOCUMENT TO THE CORRECT SCALE
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS

Legend

Denotes Propsoed (Min.) 800mm Wide Access Walkway

Denotes Outline of Existing Car Park Boundary/ Kerb Line



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

NHS **Manchester University NHS Foundation Trust**

APPOINTED PARTY LOGO/INFORMATION



Costing

For

Wythenshawe Hospital -CSB Switchboard Replacement

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

PURPOSE OF ISSUE For Tender D2

DRAWN BY CHECKED BY Jan. '22

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

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