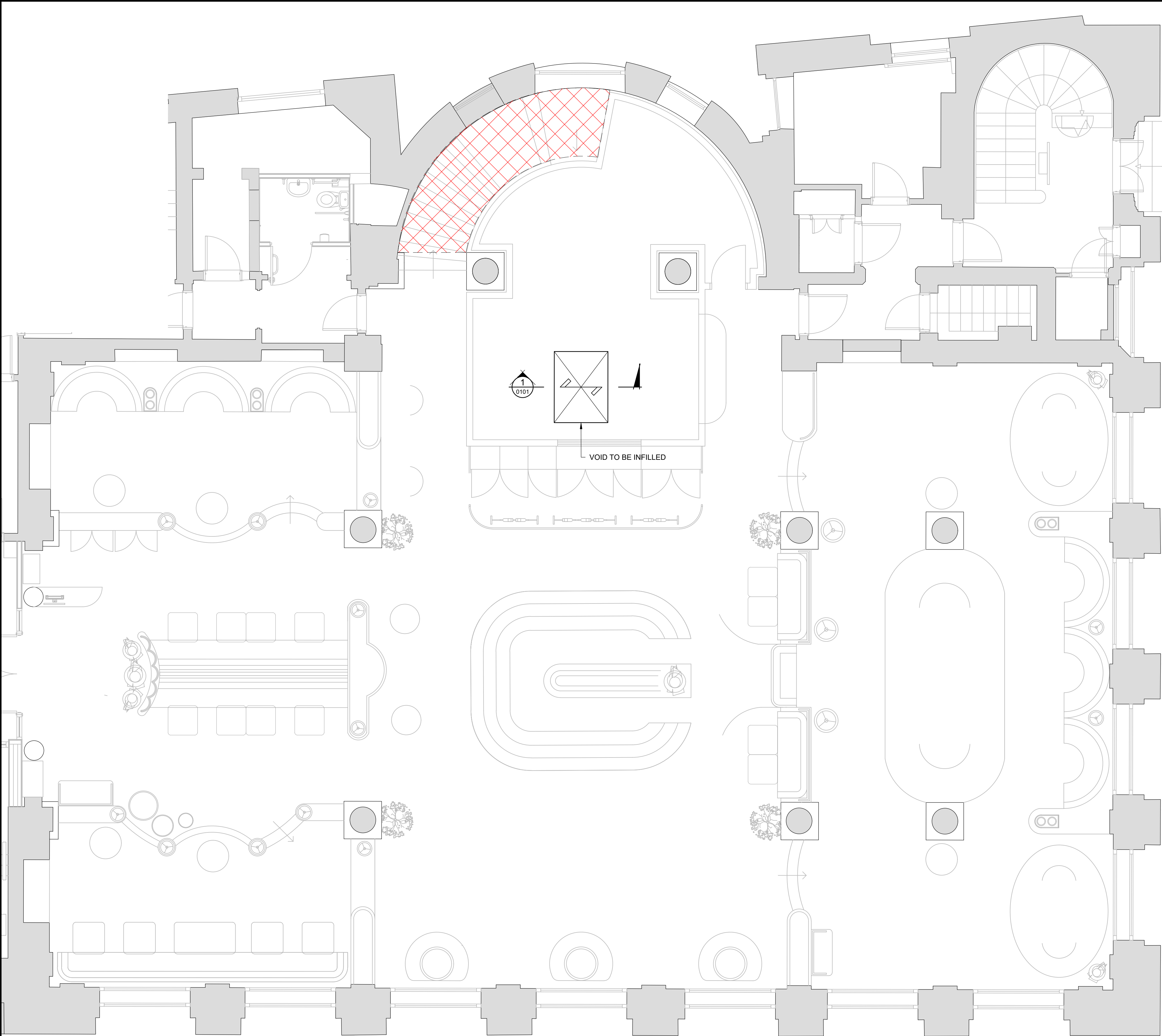




PROPOSED GROUND FLOOR PLAN
SCALE 1:50

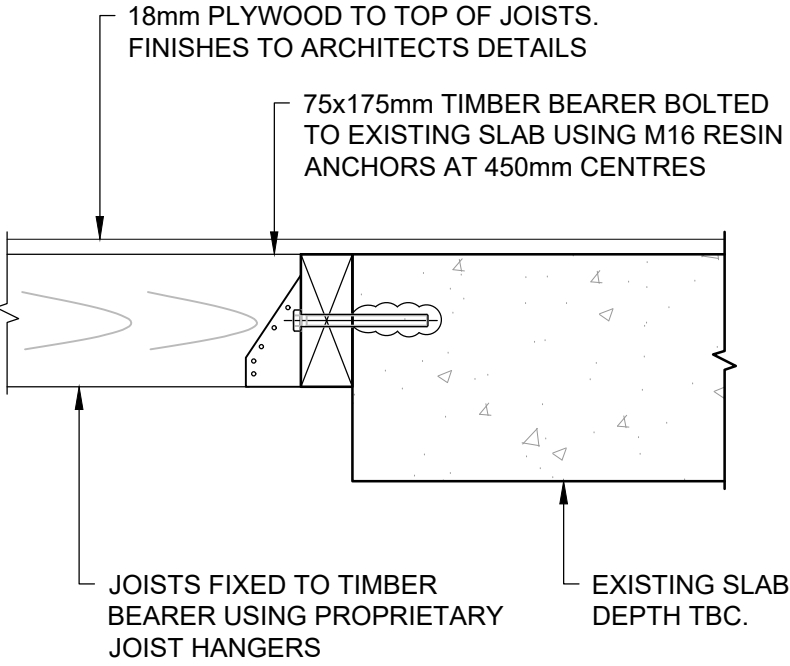
LEGEND:

- DENOTES SPAN OF NEW 50x175mm DEEP C24 TIMBER JOISTS AT 450mm CENTRES
- DENOTES EXTENT OF EXISTING CONCRETE FLOOR TO BE REMOVED

POST P1 - DENOTES NEW 100x100x6.3 SHS POST

PADSTONE SCHEDULE:

PADSTONE P1 - WIDTH TO SUIT WALL THICKNESSx300x215mm DEEP PRECAST CONCRETE PADSTONE



SECTION 1-1
SLAB INFILL DETAIL
SCALE 1:10

DO NOT SCALE FROM THIS DRAWING

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & HBL DRAWINGS/ DETAILS.

PADSTONES

PADSTONES TO BE CONSTRUCTED IN EITHER:
CLASS 'A' (BLUE) ENGINEERING BRICKS SET IN DESIGNATION (i) MORTAR i.e. 1:3 (CEMENT:SAND) MIX
OR
CONCRETE, USING GRADE C30 CONCRETE
OR 1:1:2 (CEMENT:SAND:10mm AGGREGATE) SITE MIX.

STEELWORK NOTES

- ALL STEELWORK TO BE FABRICATED, PAINTED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION (NSSS), RELEVANT BRITISH STANDARDS / EUROCODES, STATUTORY CODES AND CE MARKED TO EXECUTION CLASS 2 (EXC2) IN ACCORDANCE WITH BS EN 1090
- ALL STEELWORK TO BE GRADE S355 IN ACCORDANCE WITH BS EN 10025
- ALL STEELWORK SUBGRADE IN ACCORDANCE WITH BS EN 1993-1-10 INTERNAL STEELWORK - MINIMUM SUBGRADE J0 FOR SECTION, PROFILES AND PLATES >22mm EXTERNAL STEELWORK - MINIMUM SUBGRADE J2 FOR SECTION, PROFILES AND PLATES >30mm, MINIMUM SUBGRADE J0 FOR SECTION, PROFILES AND PLATES >17mm & <30mm
- ALL WELDS TO BE A MINIMUM 6mm FILLET WELD FULL PROFILE U.N.O.
- FORCES AND MOMENTS ARE GIVEN AS FOLLOWS:
M = BENDING MOMENT IN kNm
V = SHEAR FORCE IN kN
A = AXIAL FORCE IN kN & SHOWN AS POSITIVE U.N.O.
ALL LOADS ARE GIVEN AS UNFACTORED
- ALL CONNECTIONS TO BE DESIGNED AND DETAILED BY FABRICATOR FOR THE LOADS SHOWN IN ACCORDANCE WITH BS EN 1993-1-1. WHERE NO FORCES ARE STATED, DEFAULT TO GUIDANCE SET OUT IN SCI PUBLICATION P358 'JOINTS IN STEEL CONSTRUCTION: SIMPLE JOINTS TO EUROCODE 3'
- ALL CONNECTIONS TO BE DESIGNED FOR A TIE FORCE OF 75kN U.N.O.
- MINIMUM BRACING MEMBER CONNECTION TO BE 4No. M20 GRADE 8.8 BOLTS U.N.O.
- ALL BOLTS TO BE GRADE 8.8 TO BS 3692. EXTERNAL USE BOLTS TO BE SPUN GALVANISED. INTERNAL USE BOLTS TO BE ZINC PLATED.
- WELDED END PLATES TO BE MINIMUM 10mm THICK AND THE FULL DEPTH OF THE SECTION U.N.O.
- ALL INTERNAL STEELWORK (CORROSIONITY CLASSIFICATION C2 - LOW) TO BE BLAST CLEANED TO SA2½ AND PRIMED WITH MINIMUM DFT OF 150 MICRONS HIGH BUILD ZINC PHOSPHATE EPOXY PRIMER
- ALL INTERNAL EXPOSED STEELWORK TO RECEIVE DECORATIVE FINISH TO ARCHITECT'S SPECIFICATION
- ALL STEELWORK BUILT INTO CAVITY WALLS TO RECEIVE AN ADDITIONAL SITE COAT DFT TO 150 MICRONS HIGH BUILD BITUMINOUS PAINT
- EXTERNAL EXPOSED STEELWORK (CORROSIONITY CLASSIFICATION C3 - MEDIUM) TO BE BLAST CLEANED TO SA2½, PRIMER 100 MICRONS AND BUILD COAT 175 MICRONS HB EPOXY ZINC PHOSPHATE E.G. MACROPOXY 400, FINISH 75 MICRONS CHEMICAL RESISTANT DECORATIVE FINISH
- GALVANISED STEELWORK TO BE GRIT BLASTED TO SA2 FOR ROUGHNESS, AND GALVANISED TO BS 729 TO PROVIDE A MINIMUM COATING THICKNESS OF 85 MICRONS
- TOP FLANGE OF ALL STEEL BEAMS WHICH REQUIRE SHEAR STUDS TO BE LEFT UNPAINTED.
- ALL WALKWAYS, STAIRCASES, LADDERS, HANDRAILS ETC. TO BE IN ACCORDANCE WITH E.E.M.U.A. PUBLICATION No. 105.
- ALL CLADDING & COLD-ROLLED STEELWORK (E.G. CLADDING RAIL, PURLINS, SAG BARS, RESTRAINTS ETC.) TO BE CONTRACTOR DESIGNED.
- STEELWORK SUB-CONTRACTOR TO MAKE ALLOWANCE FOR RESTRAINT TO BRACED BAY COLUMNS IN FINAL CONDITION.
- PROVIDE 100mm MIN. CONCRETE CASING TO ALL STEELWORK BELOW GROUND
- REFER TO ARCHITECT'S DRAWINGS FOR ALL FIRE PROTECTION REQUIREMENTS AROUND STRUCTURAL STEELWORK
- CONTRACTOR TO CARRY OUT A SITE SURVEY PRIOR TO FABRICATION

DEMOLITIONS AND PROPPING

THE EXISTING STRUCTURAL ELEMENTS ARE TO BE FULLY EXPOSED PRIOR TO ANY DEMOLITIONS AND ALTERATIONS BEING CARRIED OUT. THE ENGINEER IS TO BE NOTIFIED OF ANY DISCREPANCIES FROM THE DETAILS SHOWN ON THE DRAWINGS. METHOD STATEMENTS SHOULD BE PREPARED FOR ALL DEMOLITION WORKS, OUTLINING IN SEQUENCE ALL THE NECESSARY TASKS INVOLVED, INCLUDING FULL DETAILS OF ALL THE NECESSARY PROPPING, AND DETAILS FORWARDED TO THE CDM CO-ORDINATOR OF THE PROJECT.

P03	19.07.24	PS	UPDATED IN LINE WITH COMMENTS	ALS	ALS
P02	28.05.24	PS	REVISED TO SUIT LATEST ARCHITECTS LAYOUT	JH	ALS
P01	27.11.23	PS	ISSUED FOR INFORMATION	ALS	ALS
REV.	DATE	DRAWN	DESCRIPTION	CHKD	APPRD
STATUS DESCRIPTION				STATUS	
FOR INFORMATION				S2	



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PROJECT				THE CUT & CRAFT MANCHESTER	
DRAWING TITLE				GROUND FLOOR PLAN SHOWING STRUCTURE OVER AND DETAILS	
CLIENT				CUT & CRAFT	
HBL REF.	10472	DATE	NOVEMBER 2023	SCALE(S)	AS SHOWN A1
DRAWN	P.SEATON	CHECKED	A.SMITH	APPROVED	A.SMITH
DRAWING No.				10472-HBL-XX-00-DR-S-1001	REV. P03