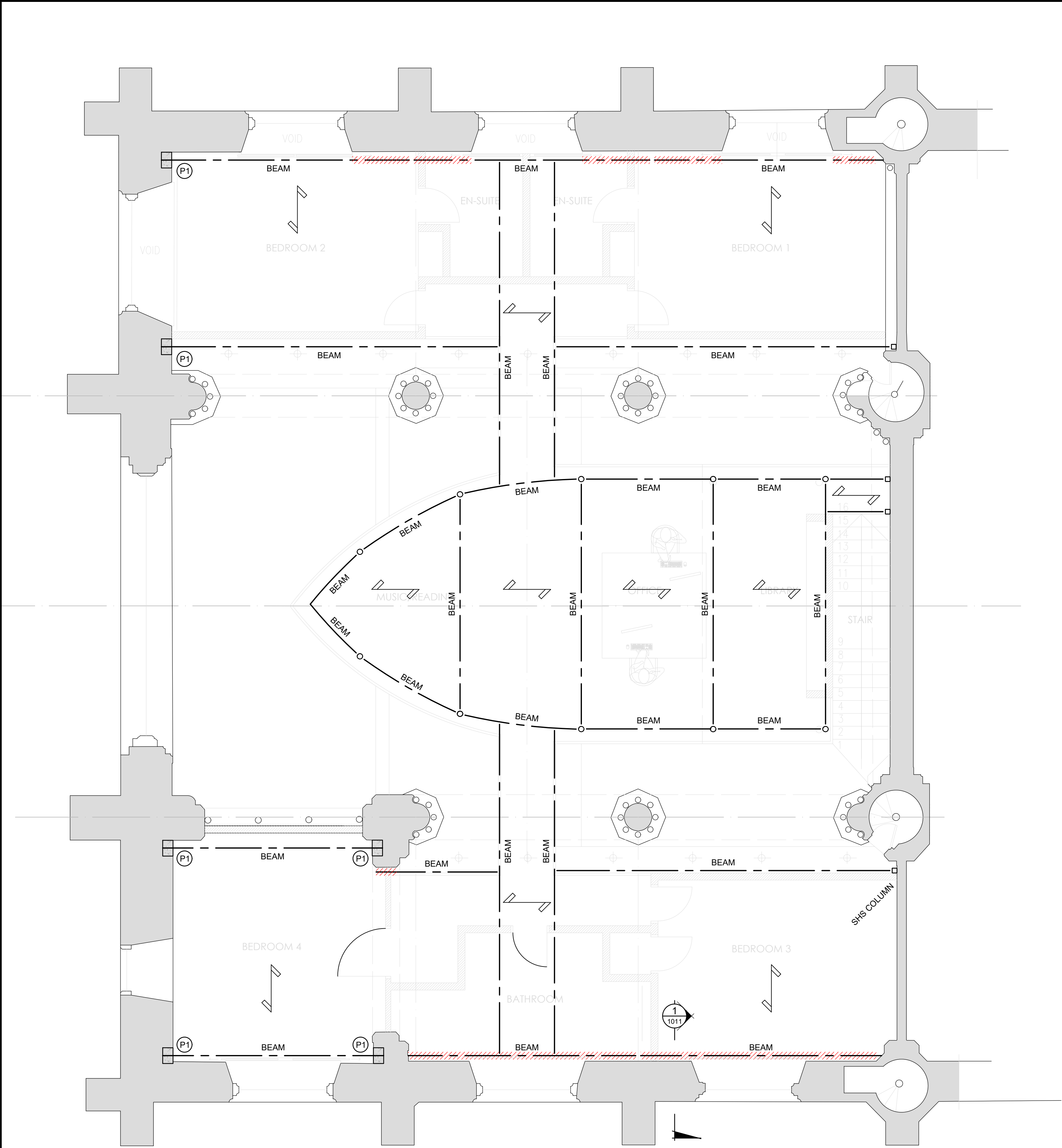
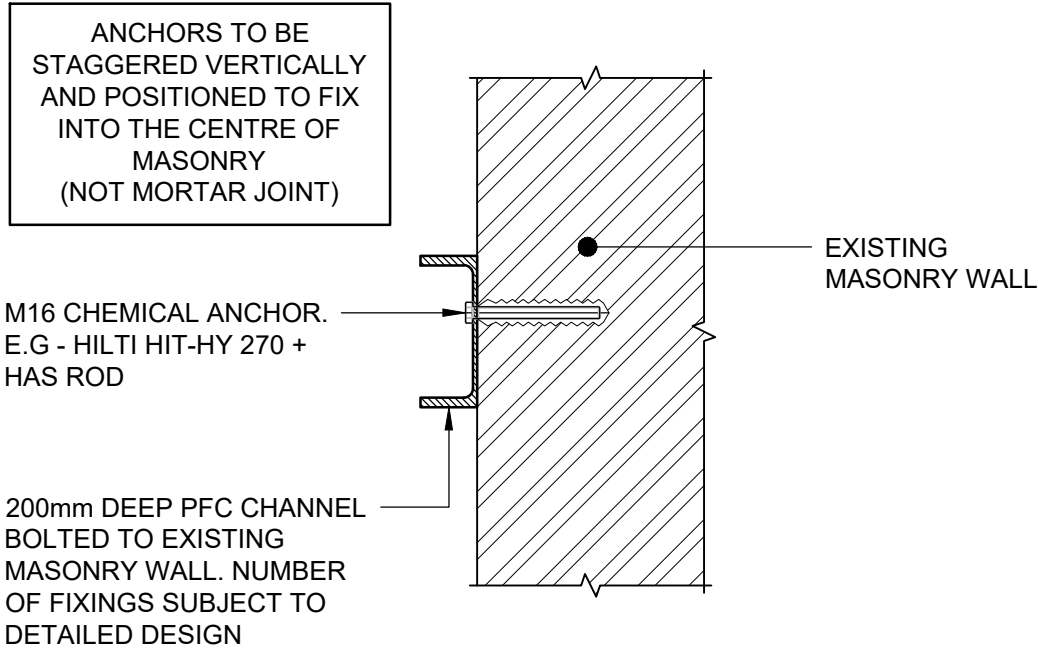




MEZZANINE FLOOR PLAN
(SHOWING STRUCTURE OVER)
SCALE 1:50

LEGEND:

- [Symbol] DENOTES SPAN OF NEW TIMBER JOISTS.
SIZE AND SPACINGS TBC
- [Symbol] DENOTES EXTENTS OF NEW STEEL BEAMS
CONNECTED INTO EXISTING WALLS. REFER TO DETAIL.
- [Symbol] DENOTES PRECAST CONCRETE PADSTONE. SIZE TBC



TYPICAL WALL FIXING DETAIL - MASONRY WALL
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.

STEELWORK NOTES

- ALL STEELWORK TO BE FABRICATED, PAINTED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION (N3SS), 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
- 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 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 (CORROSION 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
- 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.

P01	24.06.24	PS	ISSUED FOR INFORMATION	ALS	ALS
REV.	DATE	DRAWN	DESCRIPTION	CHKD	APPRD
STATUS DESCRIPTION				STATUS	
FOR INFORMATION				S2	

PROJECT				ST.MARY'S CHAPEL HULME	
DRAWING TITLE				MEZZANINE FLOOR PLAN AND DETAILS	
CLIENT				Mr.BENJAMIN WILD	
HBL REF.	10544	DATE	MARCH 2024	SCALE(S)	AS SHOWN A1
DRAWN	P.SEATON	CHECKED	A.SMITH	APPROVED	A.SMITH
DRAWING No.				10544-HBL-XX-XX-DR-S-1011	REV. P01