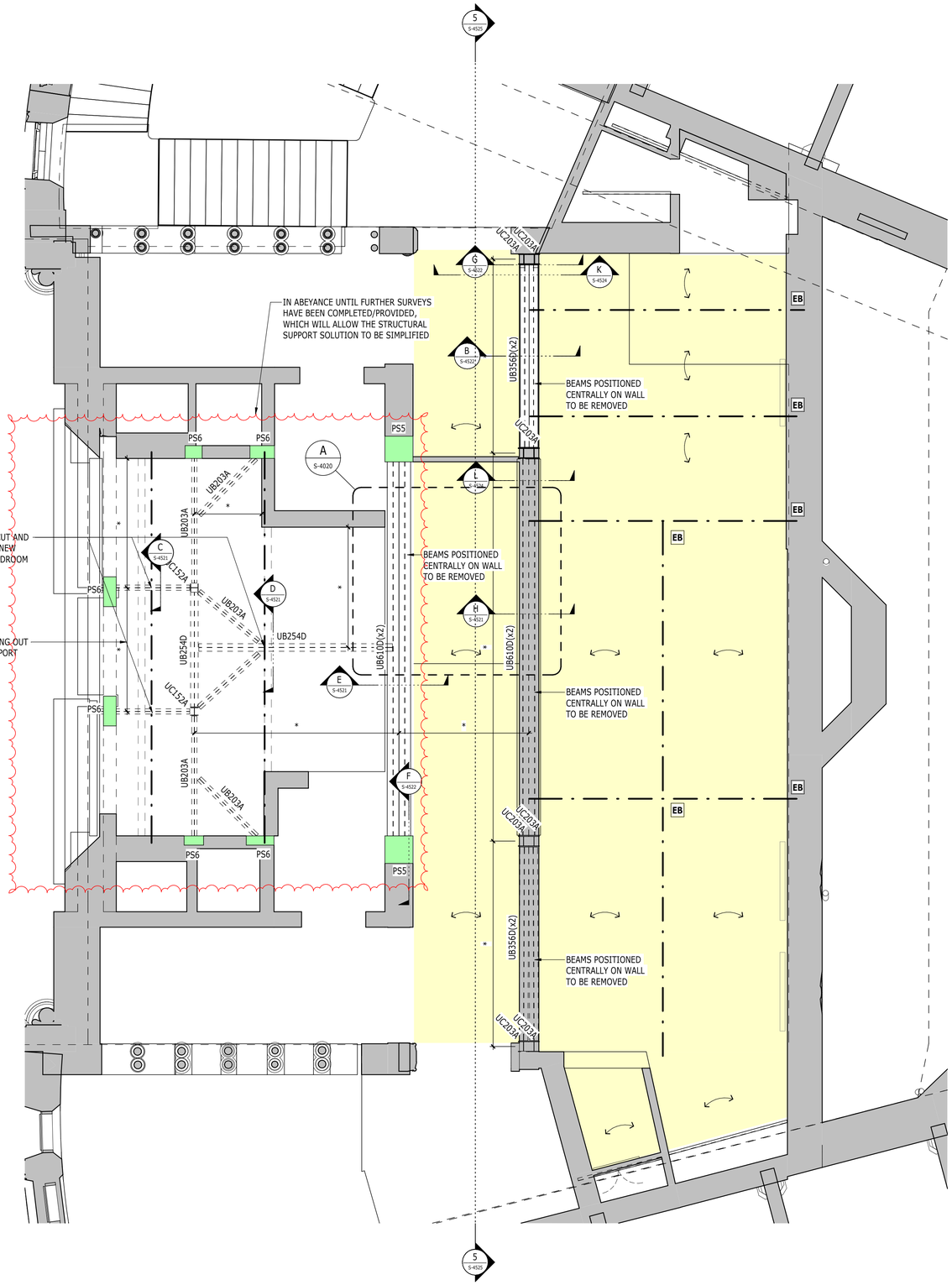


PLAN 1 / S-4002
1 : 50

LEVEL 01 - KITCHEN (HIGH LEVEL PLAN)

(SHOWING BEAMS ABOVE, TO UNDERSIDE OF LEVEL 02)

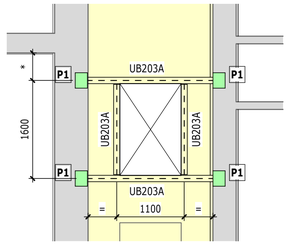
REAR OF GREAT HALL PADSTONE SIZES			
REF	LENGTH	WIDTH	DEPTH
PS1	450	215	225
PS2	850	700	300
PS3	850	215	300
PS4	1250	500	300
PS5	800	500	300
PS6	215	250	140

CONNECTION FORCES/ TEMPORARY PROPPING LOADS			
REF	CONNECTION FORCES (kN)(ULS)		TEMPORARY PROPPING FORCE ALONG SPAN (SLS) kN/m
	V	F	
UB406x178x74 (PAIR)	900	900	-
UB254x146x31	30	75	10
UB203x133x25	30	75	10
UB356x171x51 (PAIR)	300	300	75
UB610x229x101(PAIR)	560	560	125

V - DENOTES VERTICAL SHEAR FORCE (END REACTON)
F - DENOTES AXIAL FORCE IN MEMBER (TIE FORCE)

STEELWORK PACKED TIGHTLY TO UNDERSIDE OF EXISTING SLAB (U/S OF LEVEL 02), TO CREATE VOID FOR ACCESS TO ORGAN LOFT. STEELS BEDDED ONTO P1 PADSTONES AT 4NR BEARING ENDS. STEELS TO BE INSTALLED PRIOR TO VOID BEING FORMED, TO MITIGATE REQUIREMENT FOR TEMPORARY PROPPING TO SLAB EDGE.

LOCATION ALONG LENGTH OF CORRIDOR TO BE CONFIRMED BY PURCELL FOLLOWING COMPLETION OF ORGAN DETAILED DESIGN



DETAIL A / S-4020
1 : 50

HIGH LEVEL CALL OUT ABOVE LEVEL 02
SHOWING ORGAN LOFT ACCESS SUPPORT

*** FOR SETTING OUT DIMENSIONS FROM EXISTING STRUCTURE REFER TO PURCELL DRAWINGS AND FOR SETTING OUT PRINCIPLES FROM EXISTING STRUCTURES REFER TO PURCELL SETTING OUT PRINCIPLES REPORT.**

NOTE:
ALL DIMENSIONS/EXTENTS ARE TO BE CONFIRMED ON SITE. NOTIFY ENGINEER OF ANY DISCREPENCIES BETWEEN DRAWINGS AND ONSITE CONDITIONS AND ALLOW TIME FOR ENGINEER TO REVIEW.

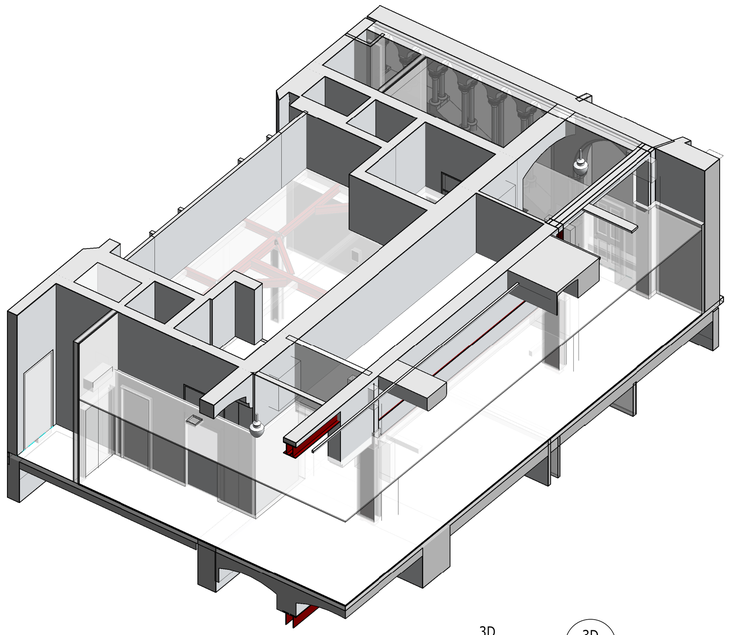
IF STEEL SPLICING IS BEING CONSIDERED BY THE FABRICATOR AS PART OF THE DETAIL DESIGN, THEN LOCATIONS TO BE PROPOSED BY FABRICATOR TO ALLOW RAMBOLL TO PROVIDE CONNECTION LOADS AT EACH INSTANCE. THE CONNECTION DESIGN IS THE RESPONSIBILITY OF THE FABRICATOR.

BWIC IN THIS AREA ARE IN ABEYANCE AWAITING PURCELL SCHEDULE CONSTRUCTION ISSUE REF: OTH-PUR-TH-ZZ-SCH-A-5810.

HEALTH & SAFETY INFORMATION (GREAT HALL KITCHEN)

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING HEALTH & SAFETY HAZARDS WHICH ARE TO BE READ IN CONJUNCTION WITH THE RAMBOLL CDM RISK ASSESSMENT OTH-RAM-TH-XX-RSK-S-0002

- WORKING IN A RESTRICTED SPACE, ADJACENT TO ORGAN CHAMBER
- LIMITED ACCES (DOOR WIDTHS) FOR MATERIALS
- EXISTING FLOOR LOADING RESTRICTIONS (2.5kN/m² - SUSPENDED FLOORS IN ROOMS, 4.0kN/m² - SUSPENDED FLOORS IN CORRIDORS/ STAIRS)
- EXISTING STRUCTURAL ARRANGEMENT ONCE FINISHES STRIPPED, BEING DIFFERENT THAN SHOWN ON DRAWINGS



3D 3D

KITCHEN - LEVEL 01 (HIGH LEVEL)

Scale Bars to be used as guidance only - refer to sheet size below

1:100	mm	1000	3000	5000	7000		
1:200	mm	5000	8000	12000	16000		
1:500	M	5	15	25	35		
1:1250	M	10	30	50	70	90	

NOTES

1. FOR GENERAL NOTES, SEE DRAWING S-00010
2. FOR STEEL AND PADSTONE REFERENCES, SEE SCHEDULES ON DRAWINGS S-00015/S-00016
3. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS AND M&E ENGINEERS DRAWINGS
4. DRAWING TO BE READ IN CONJUNCTION WITH STRUCTURAL SPECIFICATION
5. ALL LEVELS AND SETTING OUT TO BE CONFIRMED BY ARCHITECT
6. ALL REINFORCED CONCRETE TO BE C30/37 UNO.
7. ALL CONCRETE BLINDING TO BE GEN 1 AND BULK MASS FILL TO BE GEN 3 UNO
8. ALL REINFORCEMENT TO BE GRADE 500 TO BS4449
9. STEELWORK:
   INTERNAL: GENERAL SECTIONS AND PLATES S275JR, HOLLOW SECTIONS S355JRH
   EXTERNAL: GENERAL SECTIONS AND PLATES S275J0, HOLLOW SECTIONS S355J0H
   ALL EXTERNAL STEELWORK TO BE GALVANISED. ALL INTERNAL STEELWORK TO BE PAINTED, AND SUITABLE FOR ENVIRONMENT CATEGORY C2, UNO (SEE STRUCTURAL SPECIFICATION)
10. REFER TO RAMBOLL BWIC SCHEDULE OTH-RAM-TH-ZZ-SCH-S-1000 & S-1001 FOR WHERE BWIC ARE APPLIED.
11. FOR MASONRY NOTES, SEE DRAWING S-0010
12. FOR NEW LINTEL DETAILS, REFER TO LINTEL SCHEDULE OTH-RAM-TH-ZZ-SCH-S-1000 & 1001

KEY

DENOTES EXTENT OF NEW SLAB.
REFER TO DRAWING OTH-RAM-TH-XX-DWG-S-5002 FOR NEW SLAB CONSTRUCTION DETAILS

DENOTES EXISTING DENNET SLAB ABOVE TO BE RETAINED, AND ASSUMED SPAN DIRECTION. DASHED LINE INDICATES APPROXIMATE LOCATION OF EXISTING BEAMS

NOTE: BOTH TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION

DENOTES LOCATION OF PADSTONE. REFER TO DRAWING S-0015 FOR SIZES UNLESS NOTED OTHERWISE. STEEL BEAMS FIXED INTO PADSTONES WITH PAIR OF M16 CAST IN BOLTS, UNLESS NOTED OTHERWISE

EB DENOTES EXISTING BEAMS WITHIN FLOOR CONSTRUCTION. WHERE BEAMS ARE TO BE CUT / PARTIALLY REMOVED, CONTRACTOR TO REVIEW TEMPORARY PROPPING PROPOSALS. ALL PROPPING FORCES FOR MIN 50kN (SLS) AT BEAM LOCATIONS UNO ON GA DRAWINGS

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
C01	15/01/ 2021	PM	JP	CONSTRUCTION ISSUE
T02	14/02/ 2020	PM	JP	GENERAL NOTES UPDATE, AS CLOUDED
T01	30/08/ 2019	PM	JP	STAGE 4 ISSUE

OUR TOWN HALL PROJECT
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PROJECT STATUS	STAGE 5
CLIENT	MANCHESTER CITY COUNCIL
PROJECT	OUR TOWN HALL PROJECT
DRAWING TITLE	LEVEL 01 - GREAT HALL KITCHEN HIGH LEVEL
SIZE & SCALE	A1: VARIES
DRAWING STATUS	S4 - CONSTRUCTION
JOB NUMBER	1620003165
DRAWING NO.	OTH-RAM-TH-01-DWG-S-4020
REV	C01

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