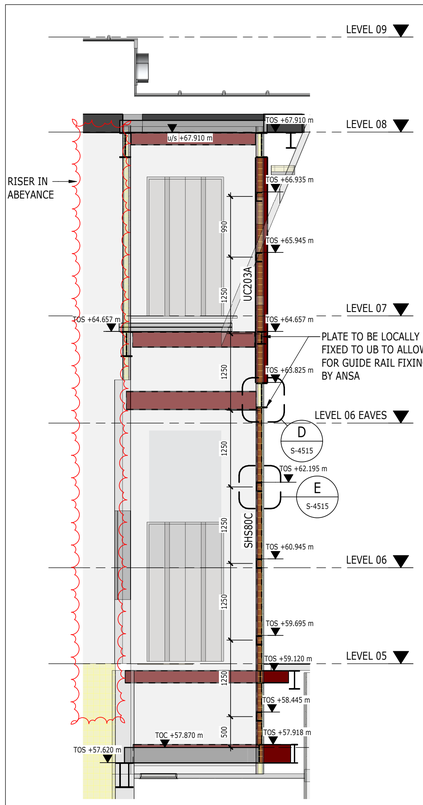
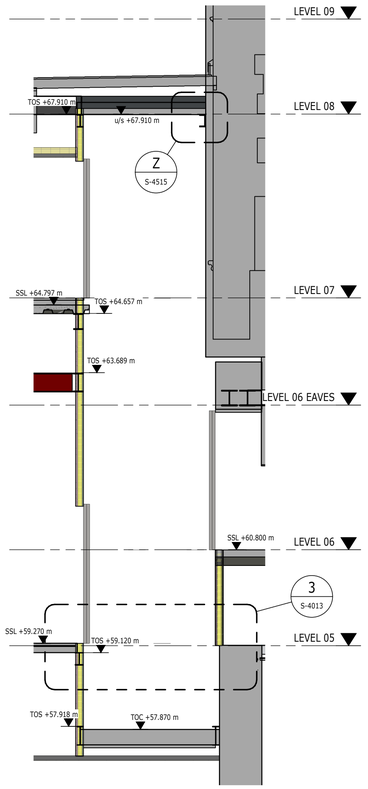
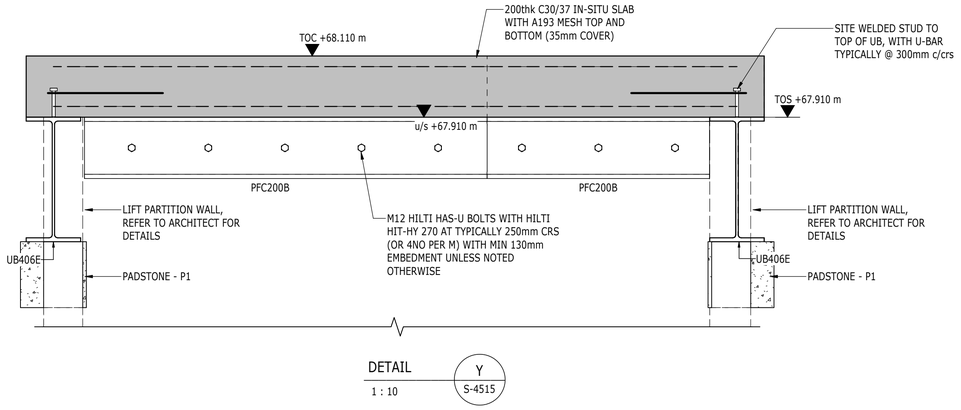


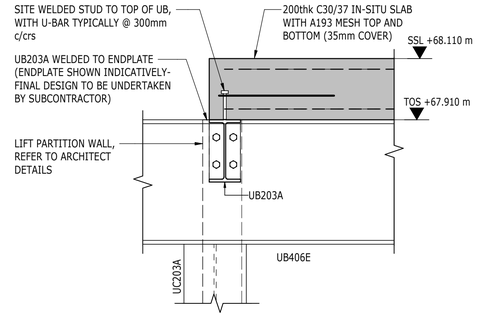
SECTION 1 : 50 — 1 S-4515



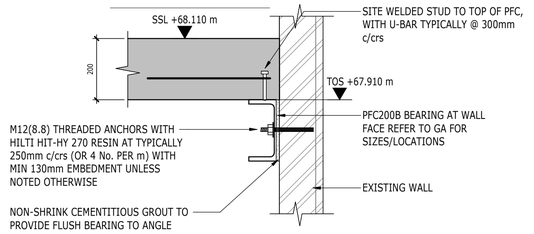
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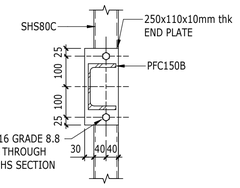
DETAIL Y S-4515 — 1 : 10



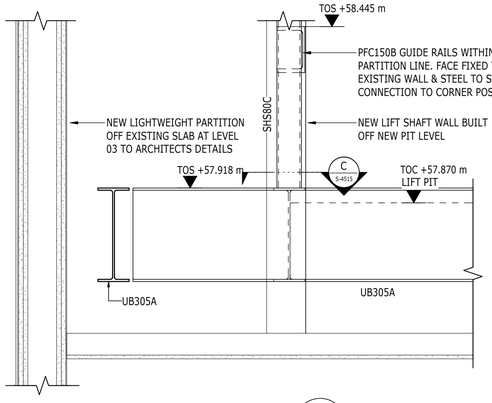
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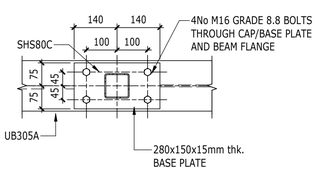
DETAIL Z S-4515 — 1 : 10



DETAIL E S-4515 — 1 : 10

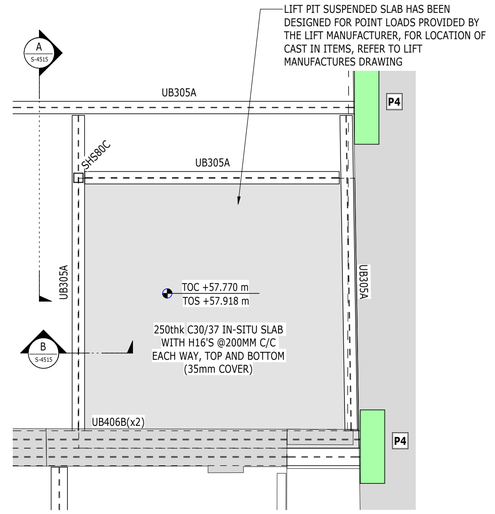


DETAIL A S-4012 — 1 : 10



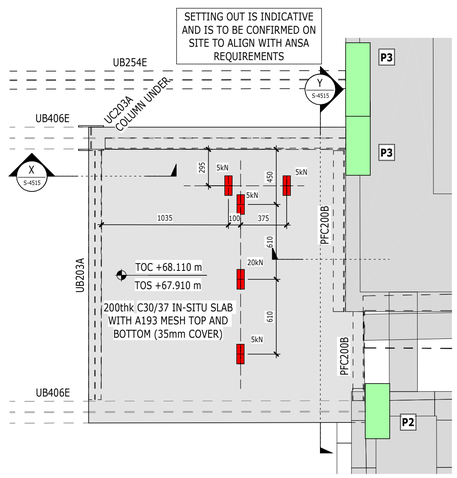
DETAIL C S-4515 — 1 : 10

*** 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.**



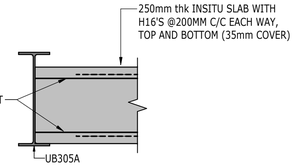
PLAN 03 S-4012 — 1 : 25

LIFT PIT

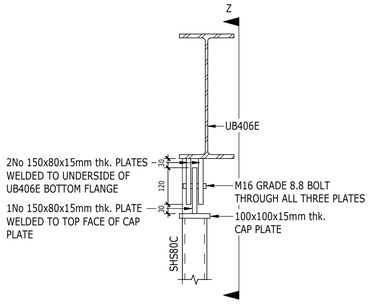


PLAN 08 S-4014 — 1 : 25

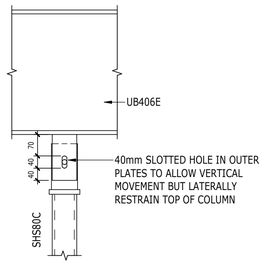
LIFT LID



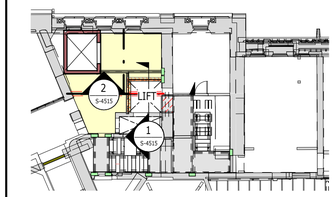
DETAIL B S-4012 — 1 : 10



DETAIL D S-4515 — 1 : 10



SECTION Z



KEY PLAN

REFER TO THE ANSA INFORMATION FOR CONFIRMATION OF OPENINGS AND SETTING OUT ASSOCIATED WITH BWIC, LIFTING BEAMS, CAST IN ANCHOR LOCATIONS ETC. INFORMATION PROVIDED HERE IS GIVEN INDICATIVELY AND TO CONFIRM THE LIMITATIONS OF THE DESIGN. ANY CHANGES TO OR DISCREPANCIES WITH THE LOADS, OPENING SIZES / LOCATIONS SHOULD BE NOTIFIED TO THE ENGINEER ALLOWING TIME FOR 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.

MEMBER CONNECTION FORCES

MEMBER REFERENCE	V	F
150PFC	10	75
80SHS	0	60

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

THIS DRAWING HAS SIGNIFICANTLY CHANGED FROM THE TENDER ISSUE, REFER TO PREVIOUS REVISION AND CHANGE TRACKER FOR THE LIST OF CHANGES.
THE STAIR PRESSURISATION DESIGN BY COLT HAS NOT YET BEEN CONCLUDED. AREAS OF THIS CORE ARE TO BE REVIEWED FOLLOWING THE OUTCOME OF THE DESIGN OPTIONS. THIS INCLUDES THE RISERS SHOWN IN ABEYANCE, THE STEEL & SLAB DESIGN AT UPPER LEVELS AND THE ROOF.

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 BASED UPON ARCHIVE INFORMATION, VISUAL & INTRUSIVE INVESTIGATIONS.
- **NOTE:** BOTH TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION
- DENOTES AREA OF DEMOLITION
- DENOTES LOCATION OF PADSTONE. REFER TO DRAWING S-0015 FOR SIZES, UNLESS NOTED OTHERWISE. FOR PADSTONE DETAILS SEE DRAWING S-5001
- DENOTES NEW LIFT SHAFT WALLS. REFER TO SECTION DRAWINGS FOR LINTEL REQUIREMENTS
- DENOTES CUT / DEMOLISHED LINE AND EXTENT OF TEMPORARY PROPPING. ALL PROPPING FORCES FOR MIN 15kN/m (SLS) AT SLAB EDGES UNO ON GA DRAWINGS
- 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	24/06/ 2021	PM	JP	CONSTRUCTION ISSUE

OUR TOWN HALL PROJECT
RAMBOLL
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+44 (0) 161 827 1890
www.Ramboll.com

PROJECT STATUS	STAGE 5
CLIENT	MANCHESTER CITY COUNCIL
PROJECT	OUR TOWN HALL PROJECT
DRAWING TITLE	PRINCESS STREET SECTIONS & DETAILS - SHEET 5
SIZE & SCALE	A1: 1:50
DRAWING STATUS	S4 - CONSTRUCTION
JOB NUMBER	1620003165
DRAWING NO.	OTH-RAM-TH-ZZ-DWG-S-4515
REV	C01

25/06/2021 17:44:53