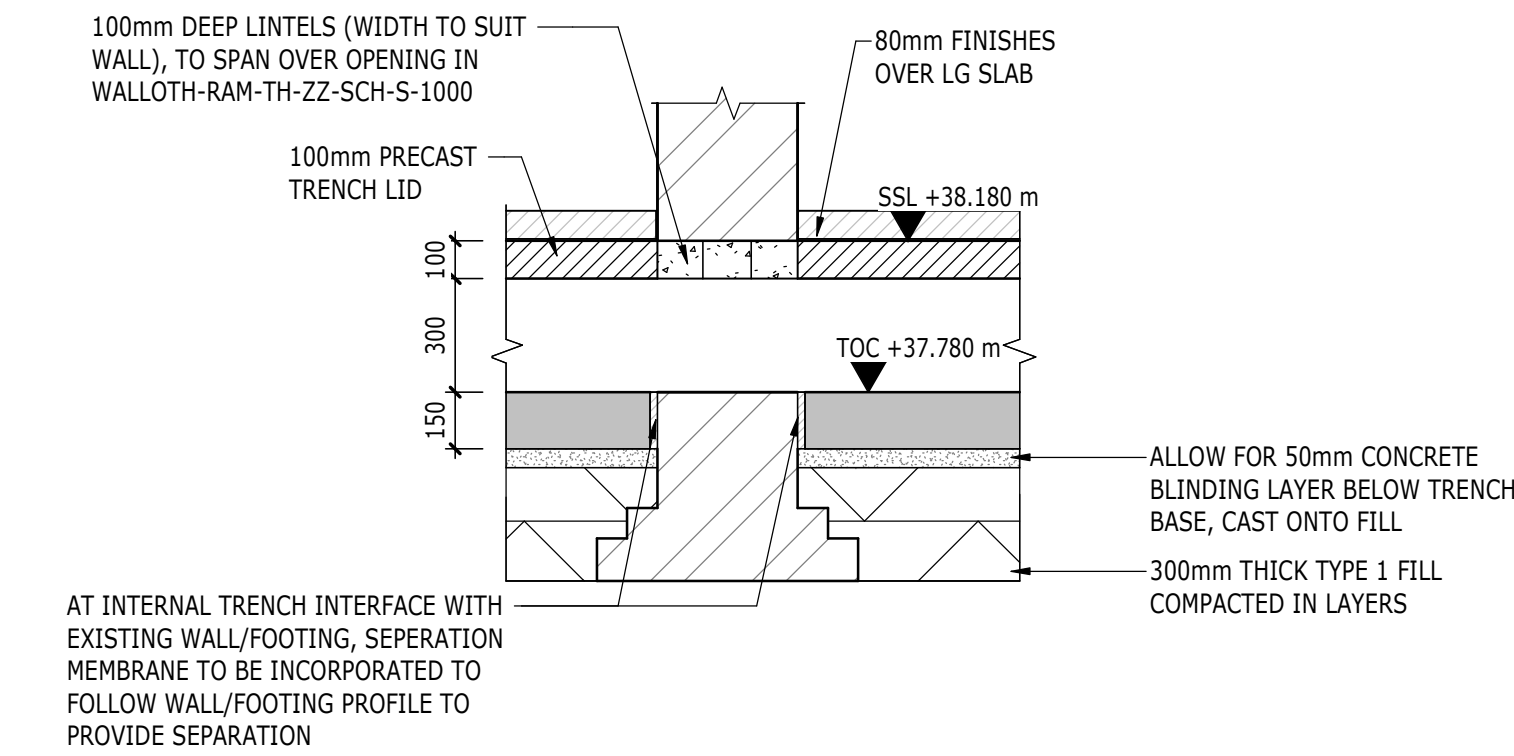
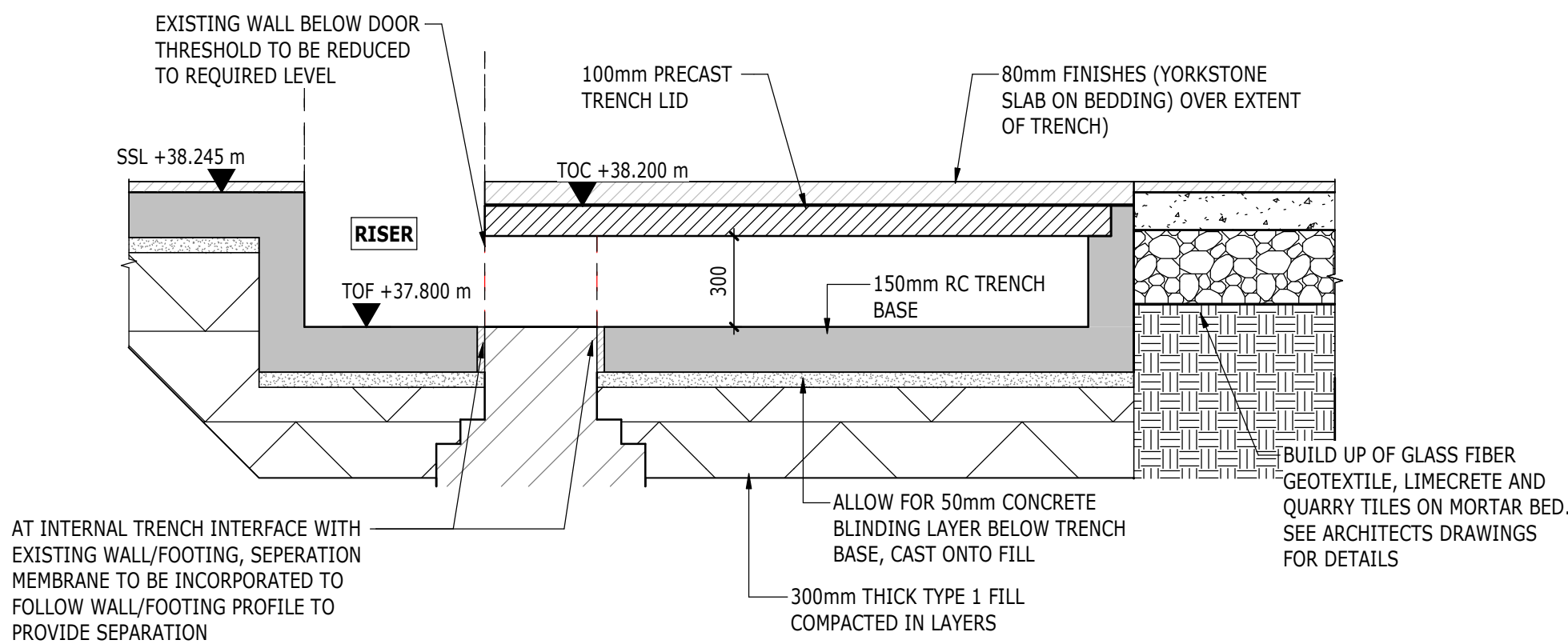
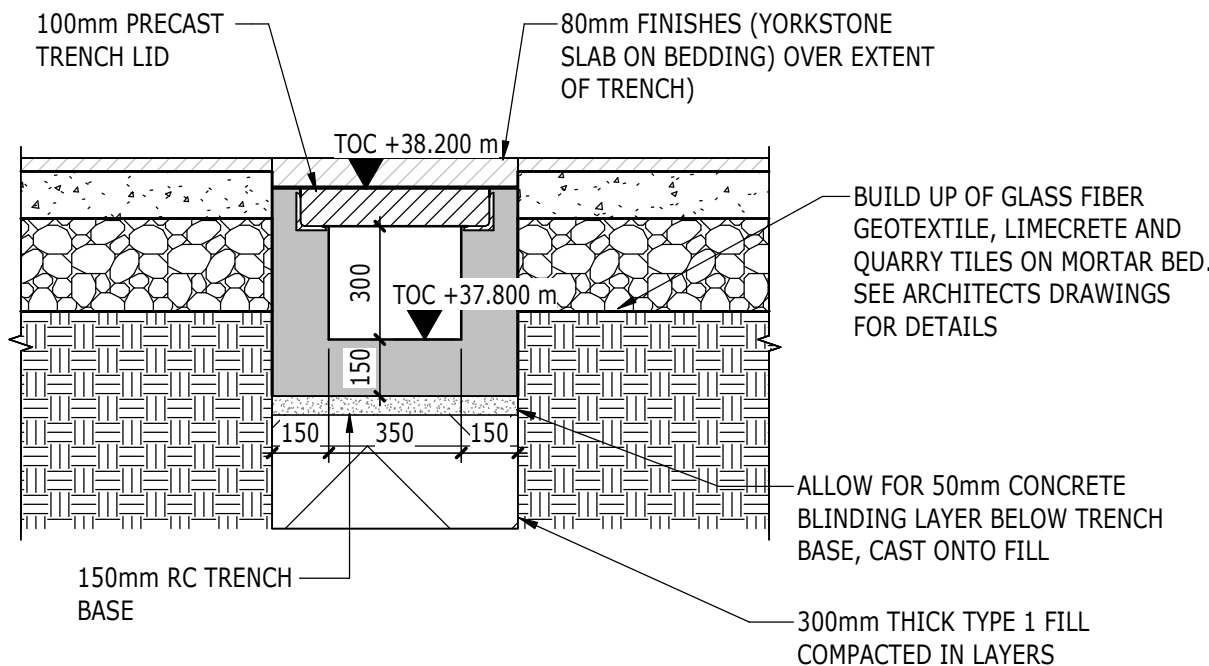




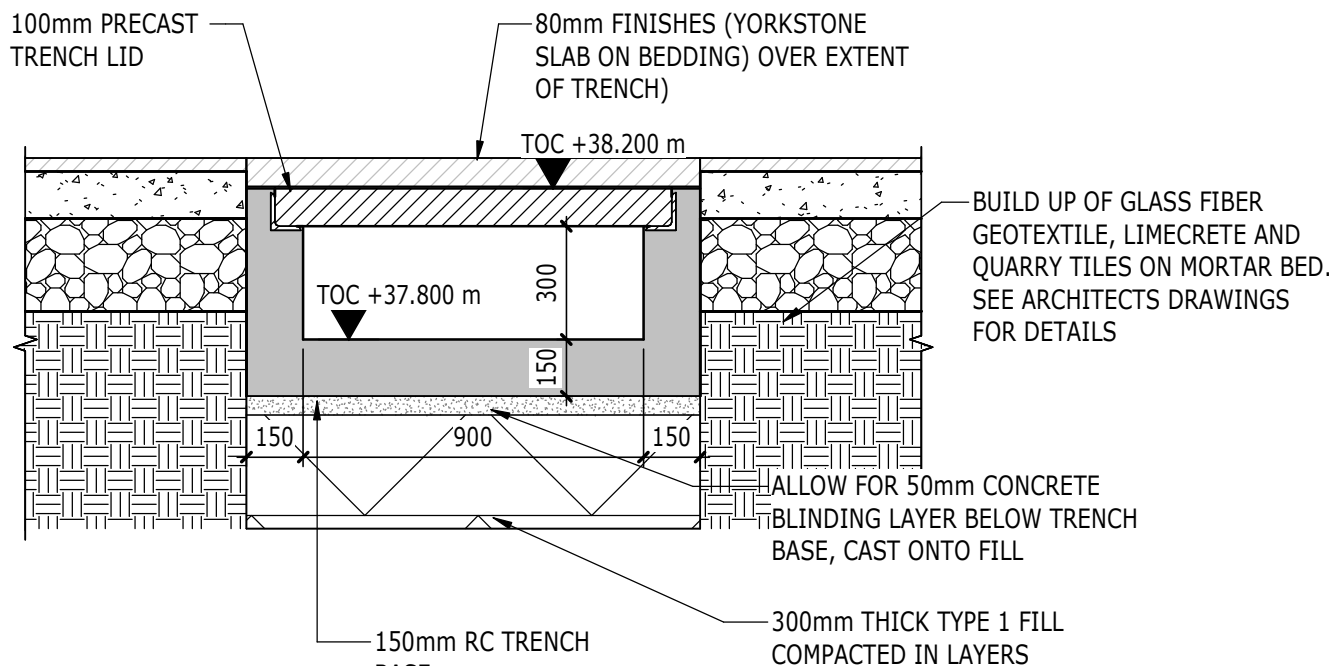
SECTION 16
1 : 20
S-4710



SECTION 19
1 : 20
S-4710



SECTION 17
1 : 20
S-4710



SECTION 18
1 : 20
S-4710

TRENCH IN ABEYANCE, IN LINE WITH ACONEX REFERENCE: "ARUP1-GC-002426"

Scale Bars to be used as guidance only - refer to sheet size below									
1:100	mm	1000	2000	3000	4000	5000	6000	7000	8000
1:200	mm	1000	2000	3000	4000	5000	6000	7000	8000
1:500	m	10	20	30	40	50	60	70	80
1:1250	m	10	20	30	40	50	60	70	80

NOTES

- FOR GENERAL NOTES, SEE DRAWING S-00010
- FOR STEEL AND PADSTONE REFERENCES, SEE SCHEDULES ON DRAWINGS S-00015/S-00016
- DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS AND M&E ENGINEERS DRAWINGS
- DRAWING TO BE READ IN CONJUNCTION WITH STRUCTURAL SPECIFICATION
- ALL LEVELS AND SETTING OUT TO BE CONFIRMED BY ARCHITECT
- ALL REINFORCED CONCRETE TO BE C30/37 UNO.
- ALL CONCRETE BLINDING TO BE GEN 1 AND BULK MASS FILL TO BE GEN 3 UNO
- ALL REINFORCEMENT TO BE GRADE 500 TO BS4449
- STEELWORK:
INTERNAL: GENERAL SECTIONS AND PLATES S275JR, HOLLOW SECTIONS S355JR
EXTERNAL: GENERAL SECTIONS AND PLATES S275JO, HOLLOW SECTIONS S355JO
ALL EXTERNAL STEELWORK TO BE GALVANISED. ALL INTERNAL STEELWORK TO BE PAINTED, AND SUITABLE FOR ENVIRONMENT CATEGORY C2, UNO (SEE STRUCTURAL SPECIFICATION)
- REFER TO RAMBOLL BWIC SCHEDULE OTH-RAM-TH-ZZ-SCH-S-1000 & S-1001 FOR WHERE BWIC ARE APPLIED.
- FOR MASONRY NOTES, SEE DRAWING S-0010
- FOR NEW LINTEL DETAILS, REFER TO LINTEL SCHEDULE OTH-RAM-TH-ZZ-SCH-S-1000 & 1001

ALL INTERNAL TRENCH DIMENSIONS ARE TAKEN FROM ARUP DRAWING OTH-ARU-EE-ES-DWG-B-10402 (FOR EXTERNAL TRENCHES) AND ARUP DRAWING OTH-ARU-TH-LG-DWG-M-21400 AND OTH-ARU-ZZ-DWG-M-41401 FOR INTERNAL TRENCHES

C02	18/09/ 2020	PM	JP	CONSTRUCTION ISSUE FOR INTERNAL SUBSTRUCTURE PACKAGE ONLY
C01	05/06/ 2020	PM	JP	CONSTRUCTION ISSUE FOR INTERNAL SUBSTRUCTURE PACKAGE ONLY

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
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OUR
TOWN
HALL
PROJECT



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PROJECT STATUS	STAGE 5
CLIENT	MANCHESTER CITY COUNCIL
PROJECT	OUR TOWN HALL PROJECT
DRAWING TITLE	LOWER GROUND FLOOR TRENCH DETAILS - SHEET 3
SIZE & SCALE	A1:
DRAWING STATUS	S4 - CONSTRUCTION
JOB NUMBER	162003165
DRAWING NO.	REV

OTH-RAM-TH-LG-DWG-S-4714 C02

TRENCH NOTES

- FOR LOWER GROUND FLOOR SLAB SEE DRAWINGS S-1100 - S-1103
- FINISHED FLOOR LEVEL FOR THE LOWER GROUND FLOOR TO BE CONFIRMED BY PURCELL
- LONGITUDINAL EXTENT AND SETTING OUT OF TRENCHES TO BE CONFIRMED BY PURCELL/ARUP
- ALL INTERNAL TRENCH COVERS DESIGNED TO SUPPORT A POINT LOAD OF 7.5kN (PLANT OR VEHICLE LOADING)
- INTERNAL TRENCH COVERS TO BE 100mm THICK, C30/37 CONCRETE WITH A393 MESH AND 50mm COVER TO ALL FACES UNO.
- EXTERNAL TRENCH COVERS DESIGNED FOR A MAXIMUM SCAFFOLD LEG LOAD (100mm x 100mm) OF 26kN (SLS) APPLIED DIRECT TO THE LID, OR 33kN (SLS) APPLIED TO THE EXTERNAL BUILD UP (FROM VEHICLES).
- EXTERNAL TRENCH COVERS TO BE 150mm THICK, C30/37 CONCRETE WITH A393 MESH IN BASE OF SLAB, WITH 50mm COVER TO UNDERSIDE.
- TRENCH COVERS TO BE PRE CAST ON SITE TO A SUITABLE SIZE TO SUIT CONSTRUCTION METHODS. EACH PRE CAST COVER TO HAVE 4nr LIFTING EYES CAST IN PLACE FOR LIFTING (SEE DRAWING S-4711 FOR DETAILS)
- EXTERNAL TRENCH COVERS ARE CONSIDERED A PERMANENT INSTALLATION AND WOULD ONLY BE LIFTED IN EXCEPTIONAL CIRCUMSTANCES.
- INTERNAL TRENCH COVERS ARE CONSIDERED TO BE LIFTED INFREQUENTLY.
- FOR TYPICAL DETAIL SHOWING WHERE TRENCH PENETRATES THROUGH AN EXISTING WALL SEE DRAWING OTH-RAM-EE-ES-DWG-N-0105 AND DRAWING OTH-RAM-TH-LG-DWG-S-4711.
- ALL RETAINED EXISTING COURTYARD TRENCHES ARE TO RETAIN THEIR EXISTING CAST IRON COVERS AND STONE SUPPORTS (AS DETAILED BY PLANIT).
- FOR NEW LINTEL DETAILS AT PENETRATIONS THROUGH EXISTING WALL SEE LINTEL SCHEDULE OTH-RAM-TH-ZZ-SCH-S-1000