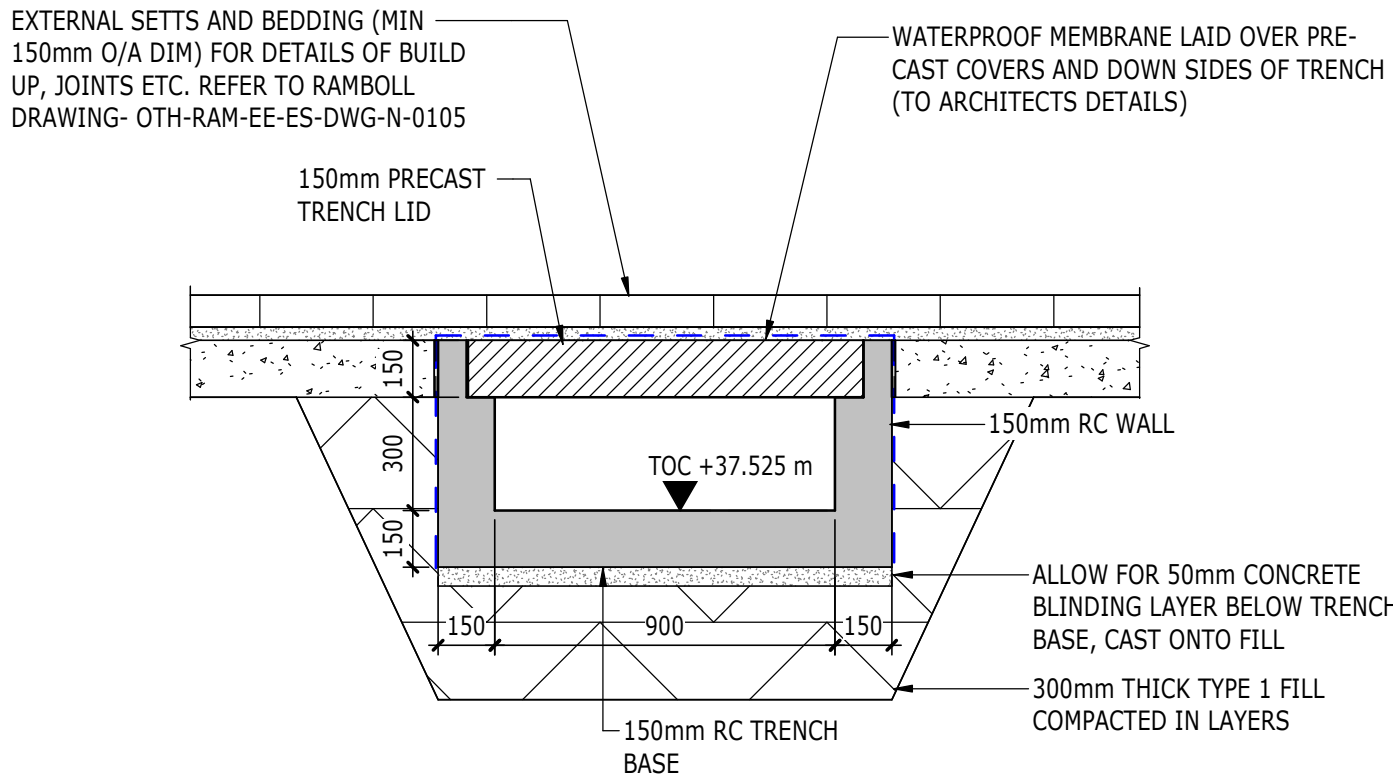
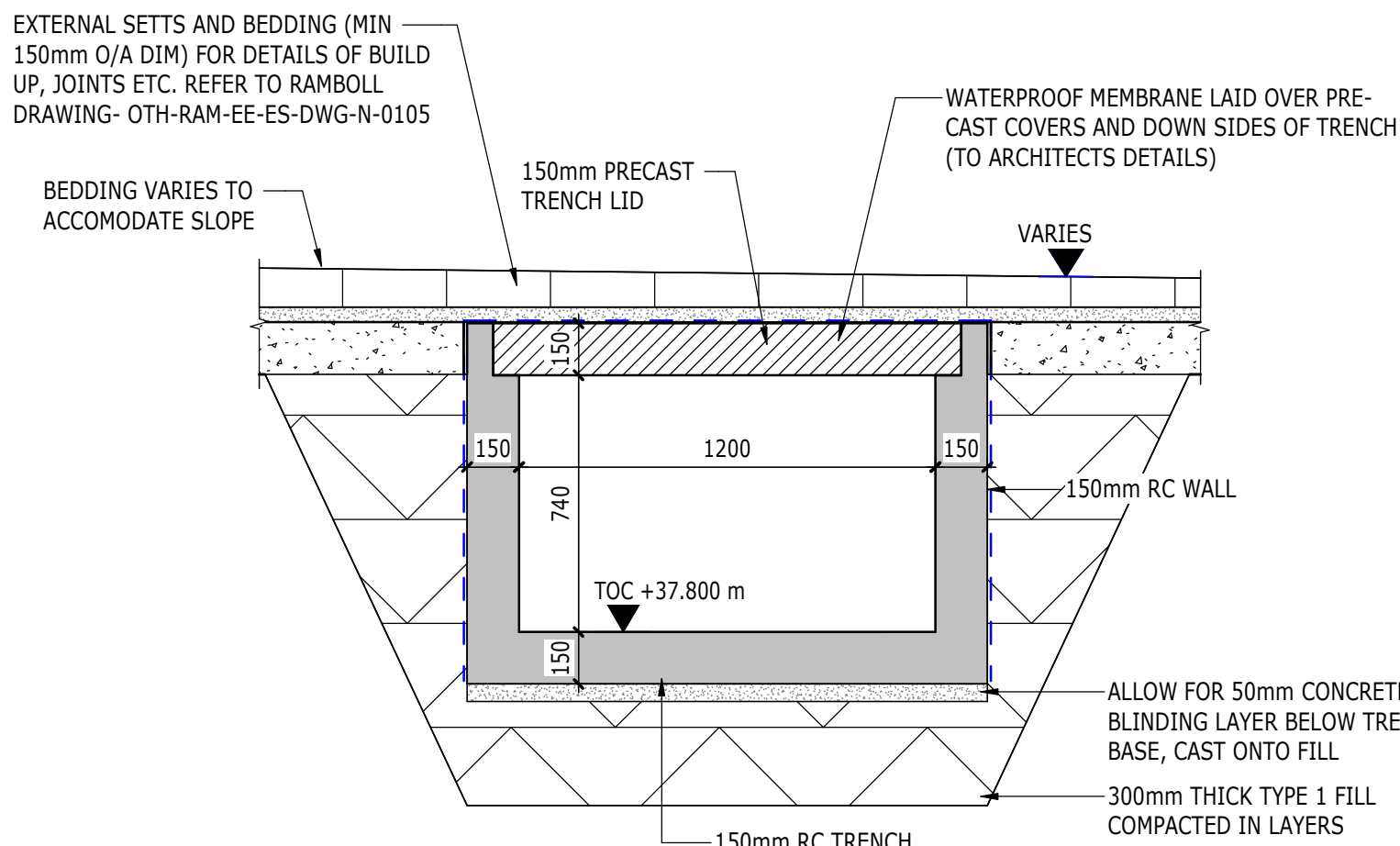




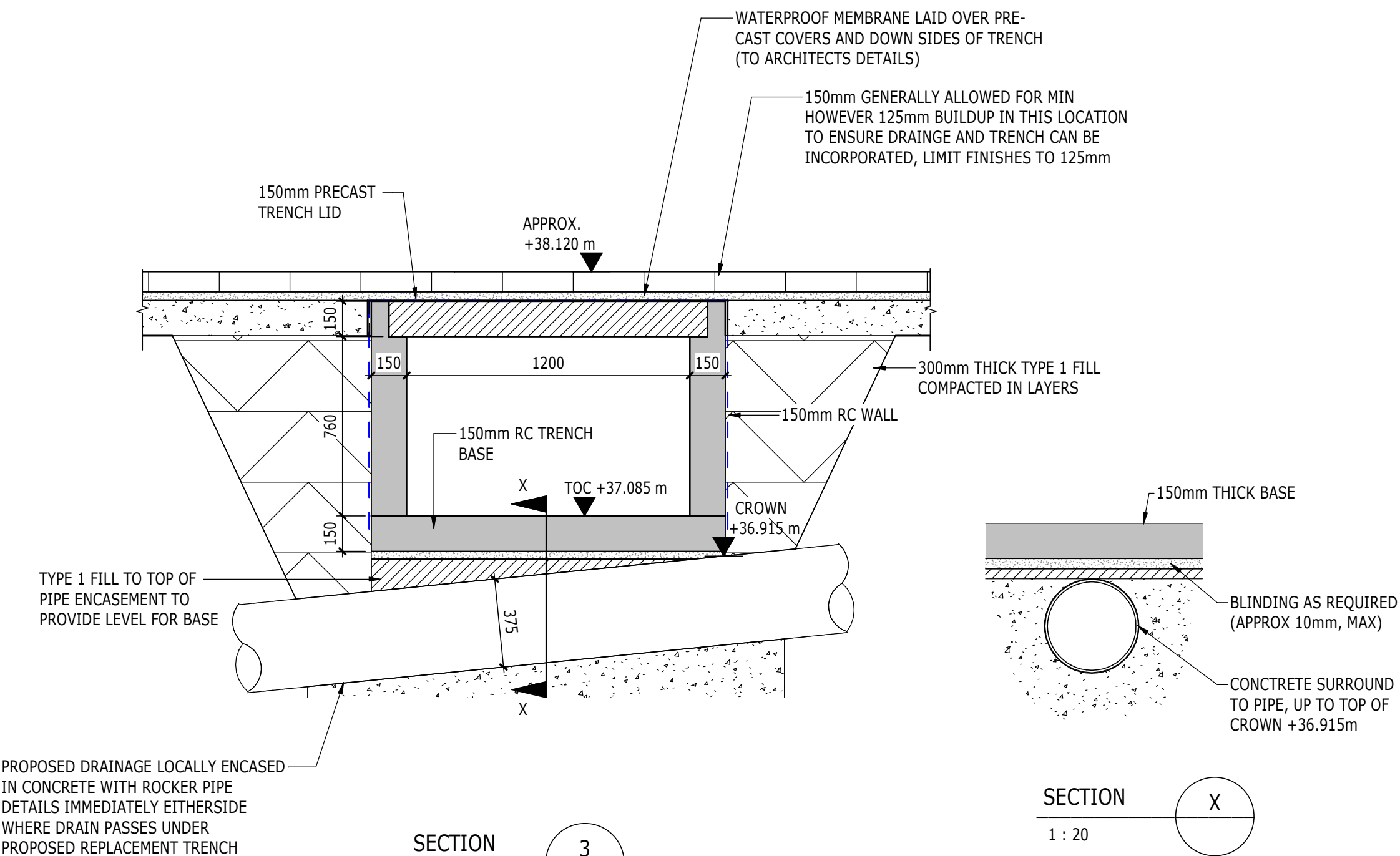
SECTION
1 : 20

1
S-4710



SECTION
1 : 20

2
S-4710

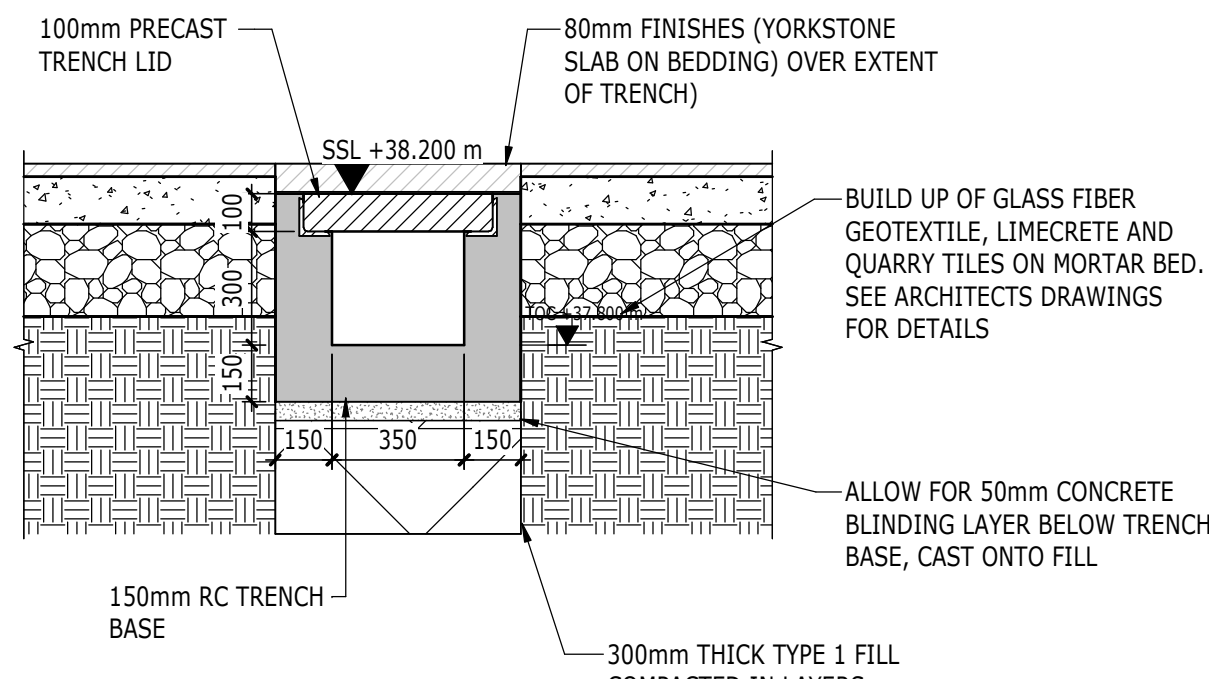


SECTION
1 : 20

3
S-1008

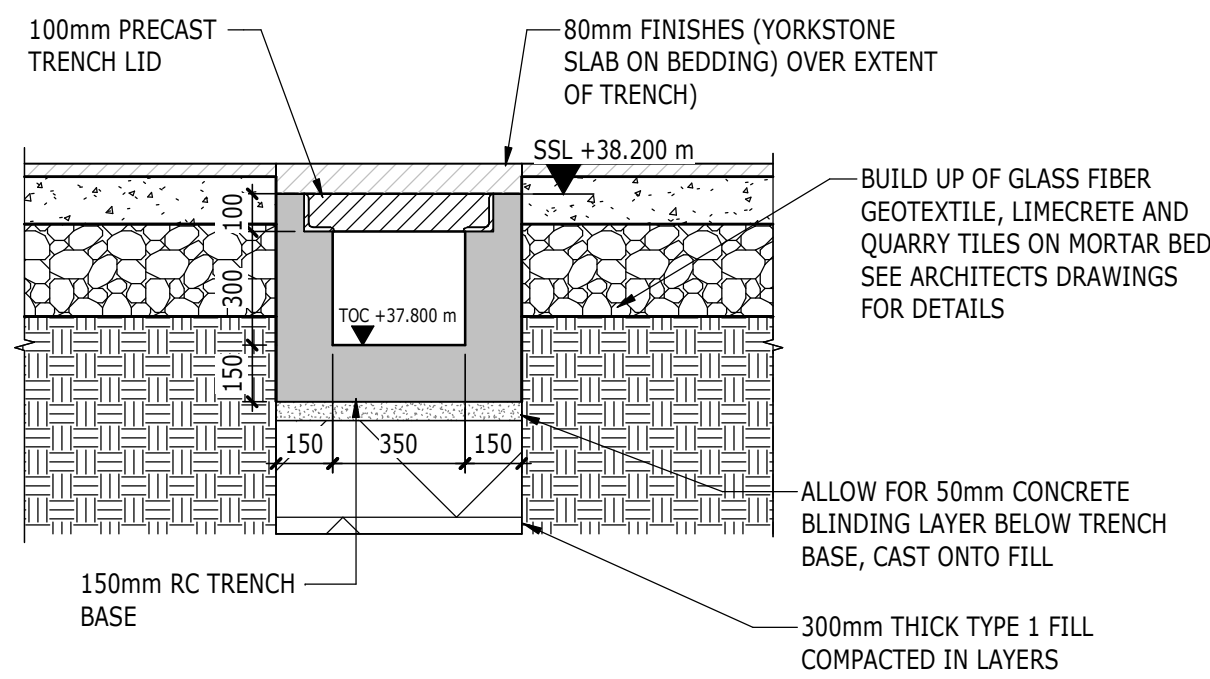
SECTION
1 : 20

X



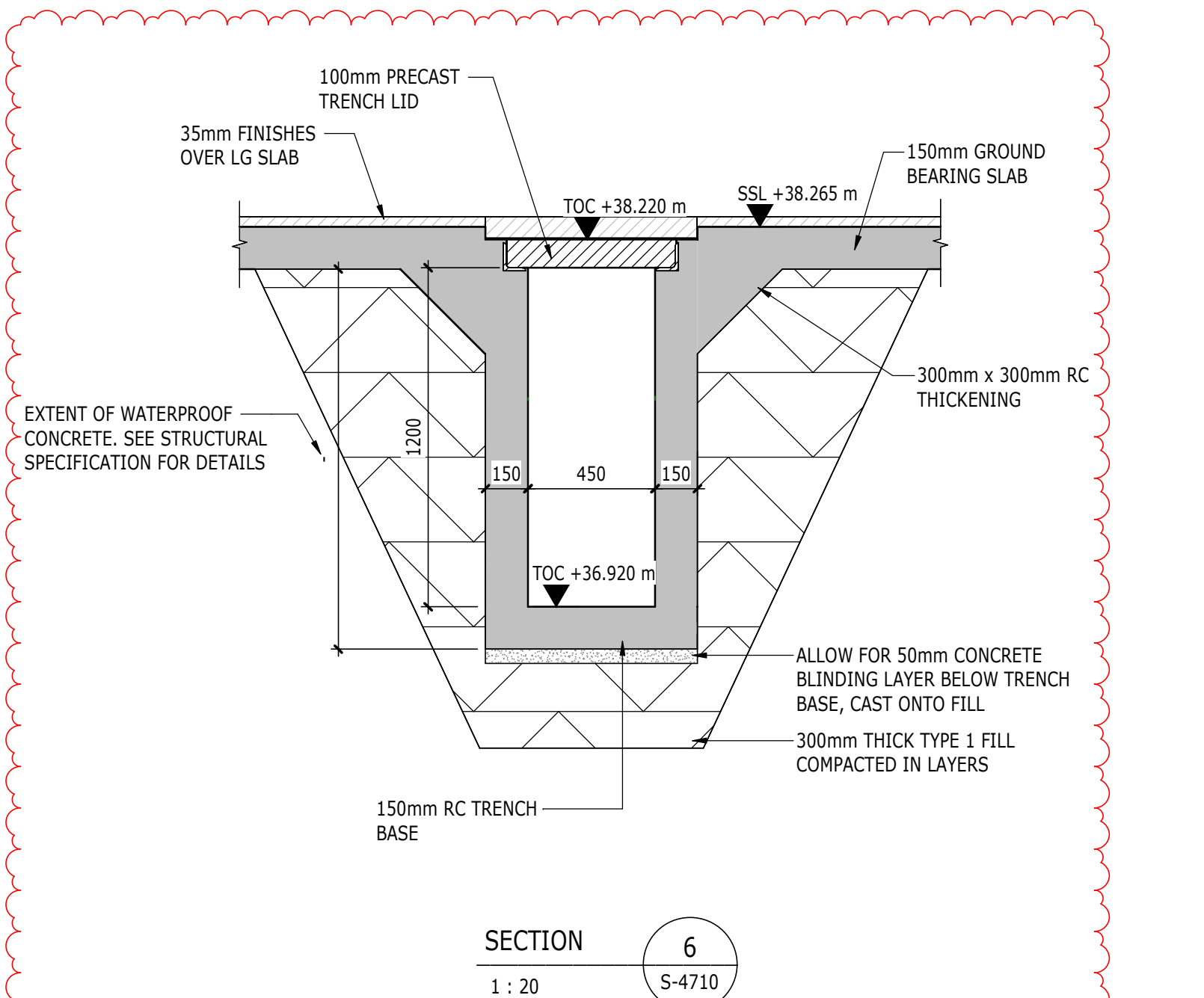
SECTION
1 : 20

4
S-4710



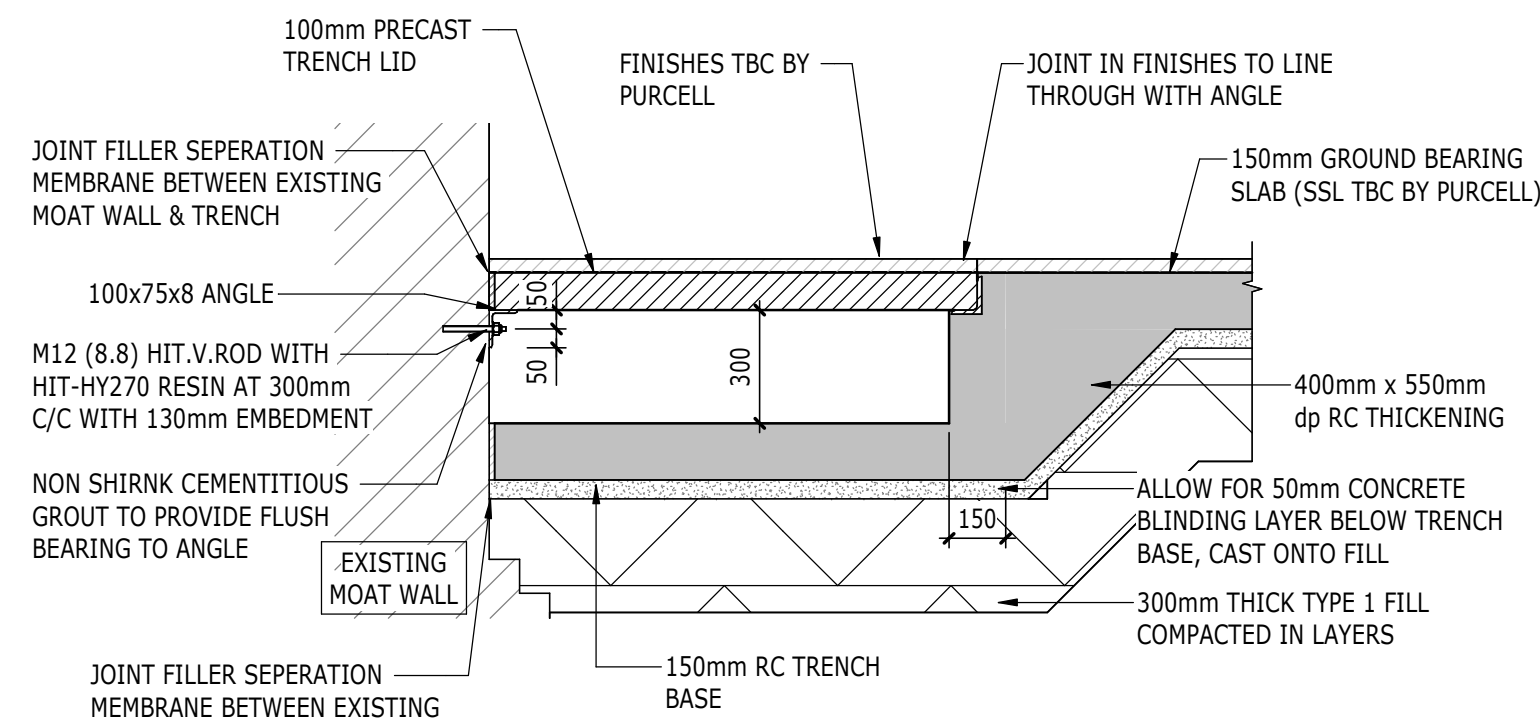
SECTION
1 : 20

5
S-4710



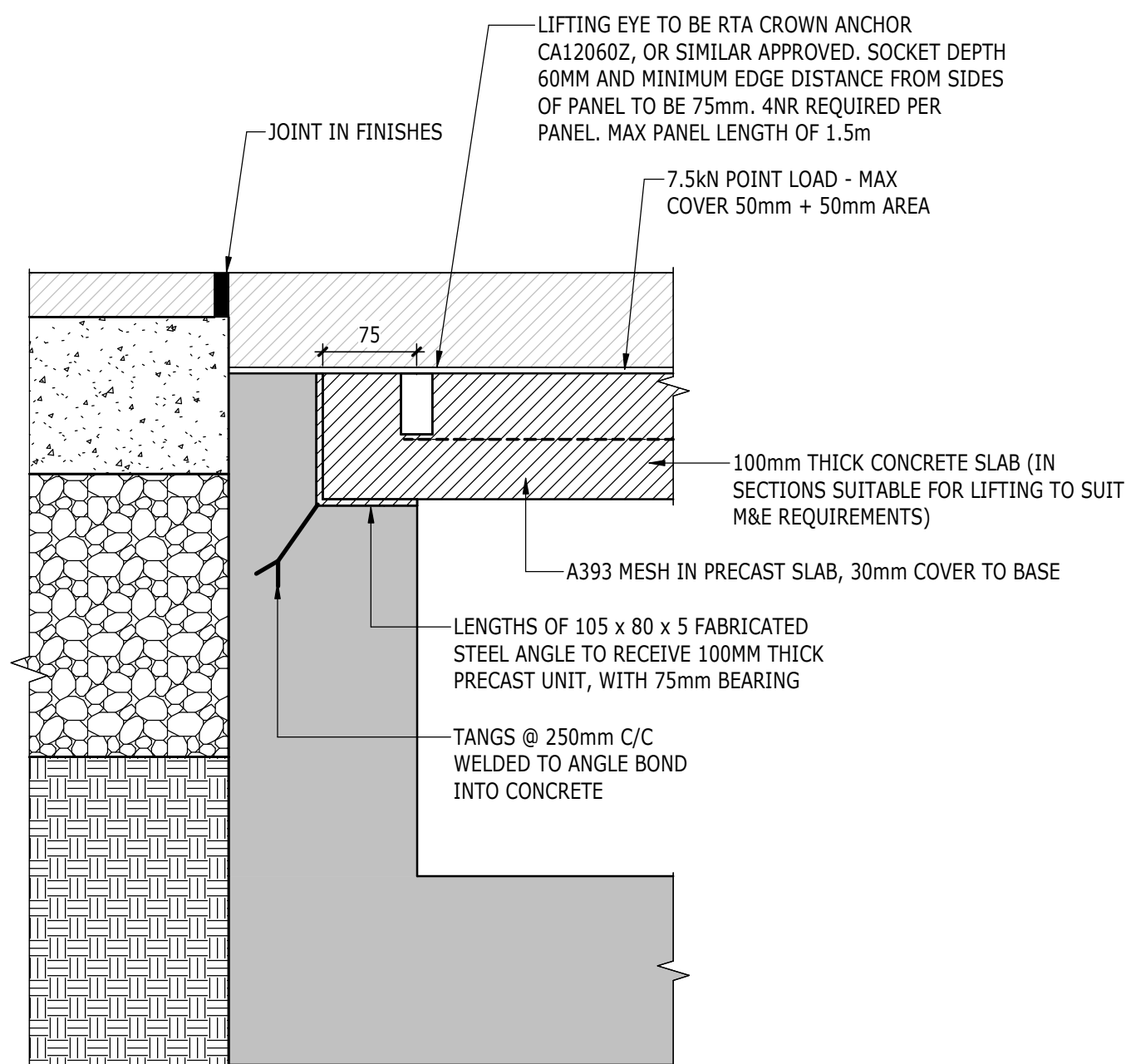
SECTION
1 : 20

6
S-4710



SECTION
1 : 20

7
S-4710



DETAIL
1 : 5

8

INTERNAL TRENCH COVER DETAIL

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

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

1:100	1:200	1:500	1:1000	1:2000	1:5000	1:10000	1:20000
1:100	1:200	1:500	1:1000	1:2000	1:5000	1:10000	1:20000
1:100	1:200	1:500	1:1000	1:2000	1:5000	1:10000	1:20000
1:100	1:200	1:500	1:1000	1:2000	1:5000	1:10000	1:20000

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

C03	18/09/2020	PM	JP	CONSTRUCTION ISSUE FOR INTERNAL SUBSTRUCTURE PACKAGE ONLY
C02	05/06/2020	PM	JP	CONSTRUCTION ISSUE FOR INTERNAL SUBSTRUCTURE PACKAGE ONLY
C01	27/03/2020	PM	JP	ALL EXTERNAL COURTYARD STUCTURE ISSUED AS STAGE 5 FOR CONSTRUCTION, INTERNALS TO REMAIN AS STAGE 4 FOR TENDER
T04	14/02/2020	PM	JP	GENERAL NOTES UPDATE, AS CLOUDED
T03	17/01/2020	PM	JP	SECTION 10 UPDATED TO REFLECT UPDATES TO ARCHITECTS SLAB EXTENTS
T02	20/12/2019	PM	JP	DETAILS UPDATED TO REFLECT UPDATED LIMCRETE AND SLAB EXTENT
T01	18/11/2019	PM	JP	STAGE 4 ISSUE
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION



OUR
TOWN
HALL
PROJECT

RAMBOLL

www.ramboll.co.uk

Arkwright House, Parsonage, Manchester M3 2LF
+44 (0) 161 827 1890
www.Ramboll.com

PROJECT STATUS	STAGE 5
CLIENT	MANCHESTER CITY COUNCIL
PROJECT	OUR TOWN HALL PROJECT
DRAWING TITLE	LOWER GROUND FLOOR TRENCH DETAILS - SHEET 1
SIZE & SCALE	A1: VARIES
DRAWING STATUS	S4 - CONSTRUCTION
JOB NUMBER	1620003165
DRAWING NO.	REV

OTH-RAM-TH-LG-DWG-S-4711 C03