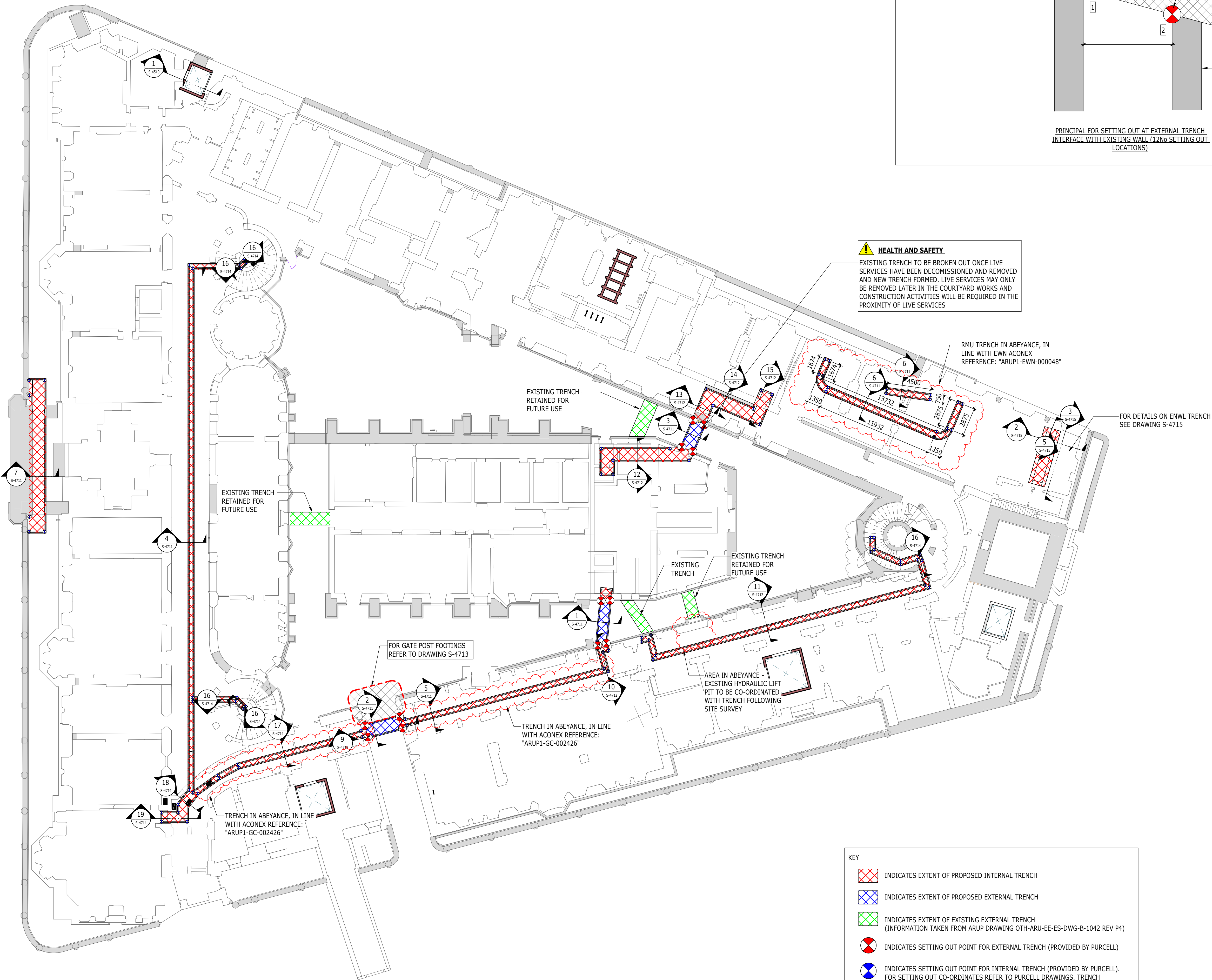


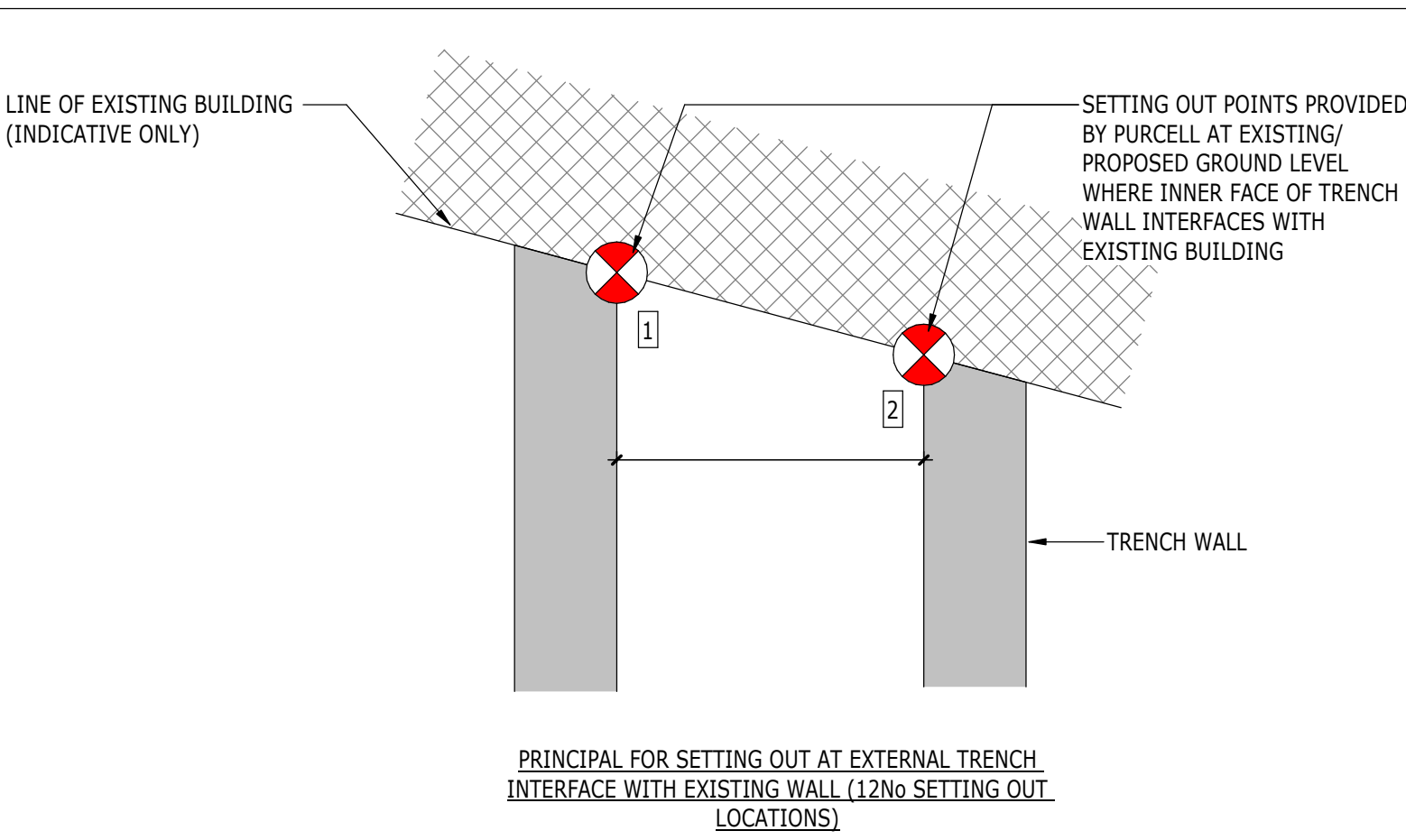


HEALTH AND SAFETY

EXISTING TRENCH TO BE BROKEN OUT ONCE LIVE SERVICES HAVE BEEN DECOMMISSIONED AND REMOVED AND NEW TRENCH FORMED. LIVE SERVICES MAY ONLY BE REMOVED LATER IN THE COURTYARD WORKS AND CONSTRUCTION ACTIVITIES WILL BE REQUIRED IN THE PROXIMITY OF LIVE SERVICES

KEY

- [Red hatched box] INDICATES EXTENT OF PROPOSED INTERNAL TRENCH
- [Blue hatched box] INDICATES EXTENT OF PROPOSED EXTERNAL TRENCH
- [Green hatched box] INDICATES EXTENT OF EXISTING EXTERNAL TRENCH (INFORMATION TAKEN FROM ARUP DRAWING OTH-ARU-EE-ES-DWG-B-1042 REV P4)
- [Red circle with cross] INDICATES SETTING OUT POINT FOR EXTERNAL TRENCH (PROVIDED BY PURCELL)
- [Blue circle with cross] INDICATES SETTING OUT POINT FOR INTERNAL TRENCH (PROVIDED BY PURCELL). FOR SETTING OUT CO-ORDINATES REFER TO PURCELL DRAWINGS. TRENCH DIMENSIONS PROVIDED ARE BASED ON THESE SETTING OUT POINTS



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

1:100	mm	1000	1000	2000	3000	4000	5000	6000	7000	8000
1:200	mm	1000	1000	2000	3000	4000	5000	6000	7000	8000
1:500	m	10	20	30	40	50	60	70	80	90
1:1250	m	10	20	30	40	50	60	70	80	90

- 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

- 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 4hr 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 PLANT).
 - FOR NEW LINTEL DETAILS AT PENETRATIONS THROUGH EXISTING WALL SEE LINTEL SCHEDULE OTH-RAM-TH-ZZ-SCH-S-1000

C04	18/09/ 2020	PM	JP	CONSTRUCTION UPDATE FOR INTERNAL SUBSTRUCTURE PACKAGE ONLY
C03	17/07/ 2020	PM	JP	CONSTRUCTION UPDATE 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
T03	17/01/ 2020	PM	JP	TRENCH EXTENT UPDATED AS CLOUDED TO SUIT ARUP REQUIREMENTS
T02	20/12/ 2019	PM	JP	SECTION EXTENT UPDATED
T01	18/11/ 2019	PM	JP	STAGE 4 ISSUE
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION

OUR TOWN HALL PROJECT

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 TRENCHES - GA
SIZE & SCALE	A1: VARIES
DRAWING STATUS	S4 - CONSTRUCTION
JOB NUMBER	1620003165
DRAWING NO.	REV
OTH-RAM-TH-LG-DWG-S-4710 C04	