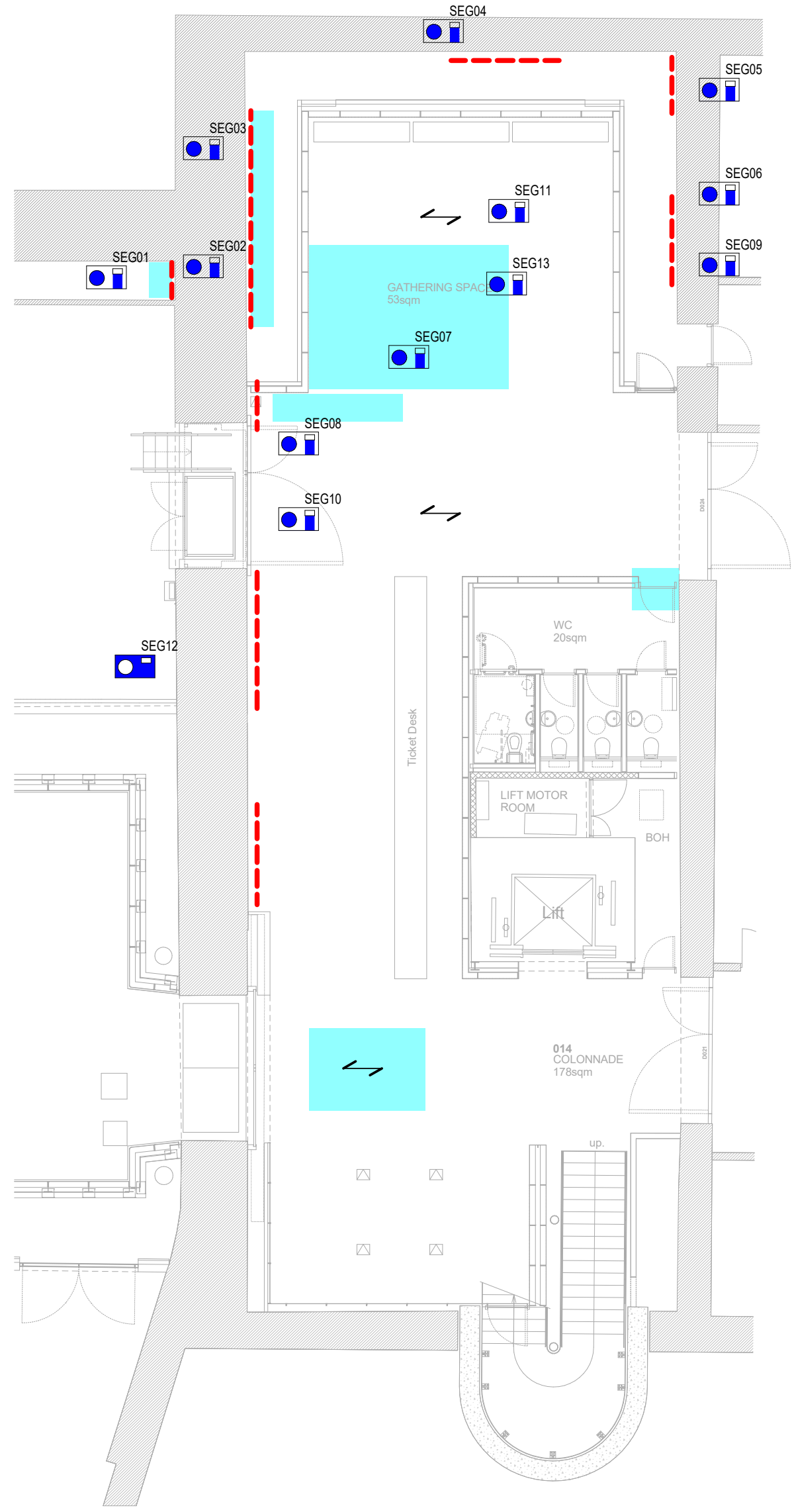




SEG - BASEMENT LEVEL GA - SKETCH
SCALE 1 : 125



STRUCTURAL WORKS KEY PLAN
SCALE 1 : 125

PHOTO REF.	PHOTO	DESCRIPTION	COMMENTS	PHOTO REF.	PHOTO	DESCRIPTION	COMMENTS	PHOTO REF.	PHOTO	DESCRIPTION	COMMENTS	PHOTO REF.	PHOTO	DESCRIPTION	COMMENTS
SEG01		OTHER SIDE OF WEST WALL ADJACENT TO NEIGHBOURING BUILDING SHOWING SIGNIFICANT WATER DAMAGE AND CORROSION.		SEG05		SALT BRICK DETECTED ON THE EAST WALL.		SEG09		BEAMS EAST SUPPORT ARE IN GOOD CONDITION.		SEG13		JACK ARCH BEAM FLANGE THICKNESS INCREASES AS MOVES TOWARDS MIDSPAN.	
SEG02		CORROSION AND POOR CONDITION OF JACK ARCHES INTERFACES WITH WALL.		SEG06		CORRODED PIPE OBSERVED WITHIN JACK ARCH BAY.		SEG10		SECONDARY STEEL ADDED LATER TO PICK UP THE LOAD FROM THE LINTELS.					
SEG03		EVIDENCE OF CONTINUOUS WATER INGRESS RESULTING IN A DAMP WALL AND ADDITION OF A DRAIN WHERE WATER HEADS DRAINS FROM THE WALL.		SEG07		CORROSIONS SEEN AT AREAS ON THE CAST IRON FLANGES.		SEG11		BEAMS GENERALLY IN GOOD CONDITION WITH CORROSION POINTS. SALT BRICK IDENTIFIED IN AREAS OF JACK ARCHES.					
SEG04		SALTBRICK MINERAL DEPOSITS OBSERVED AS A RESULT OF WATER INGRESS. WALL SURFACE DRY.		SEG08		MISSING MATERIALS AT THE CENTRE WEB OF CAST IRON BEAM LINTEL.		SEG12		CORROSION OF CAST IRON PLATES LEAVING THIN FLANGE THICKNESS.					

SEG - EXISTING STRUCTURE KEY.

- SPAN DIRECTION OF JACK ARCH BEAMS.
- INDICATES EXTENT OF NOTABLE EFFLORESCENCE & POSSIBLE LOSS OF MORTAR TO MASONRY WALL.
- INDICATES EXTENT OF NOTABLE EFFLORESCENCE & POSSIBLE LOSS OF MORTAR TO CEILING MASONRY.

© Burol Happold Limited is the group companies. All Rights Reserved. Burol Happold and its group companies accept no liability for any errors or omissions in this drawing other than for the purpose for which it has been produced. DO NOT SCALE THIS DRAWING.	
IN ADDITION TO THE HAZARDOUS RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILLED ON THIS DRAWING, NOTE THE FOLLOWING CONTRIBUTION.	
MAINTENANCE/CLANNING/OPERATION	
DECOMMISSIONING/DEMOLITION	

Notes
REFER TO DRAWING S-0010 FOR GENERAL NOTES.

Rev	Description	Date	Drn	App'd
-----	-------------	------	-----	-------

STAGE 3

Project Stage
S3 - FOR REVIEW AND COMMENT
Status of Drawing

BURO HAPPOLD

2nd Floor Enlarges 2 Castle Street, Maidenhead, W6 4LZ, UK		Tel: +44 (0)161 223 0000 Fax: +44 (0)161 787 4143 Email: 0054704@burohappold.com Web: www.burohappold.com	
Client	SCIENCE MUSEUM GROUP		
Architect	BUTRESS		
Project	SIM SITE WIDE CAPITAL WORKS		
Org Title	SEG STRUCTURAL GENERAL ARRANGEMENT		
Job No.	0054704		Scale@: A4
As indicated			
Drawn By	TC	Checked By	PC
Approved By	DC		
Revision No.	SIM-BHE-SEG-XX-DR-SK-S-1202		