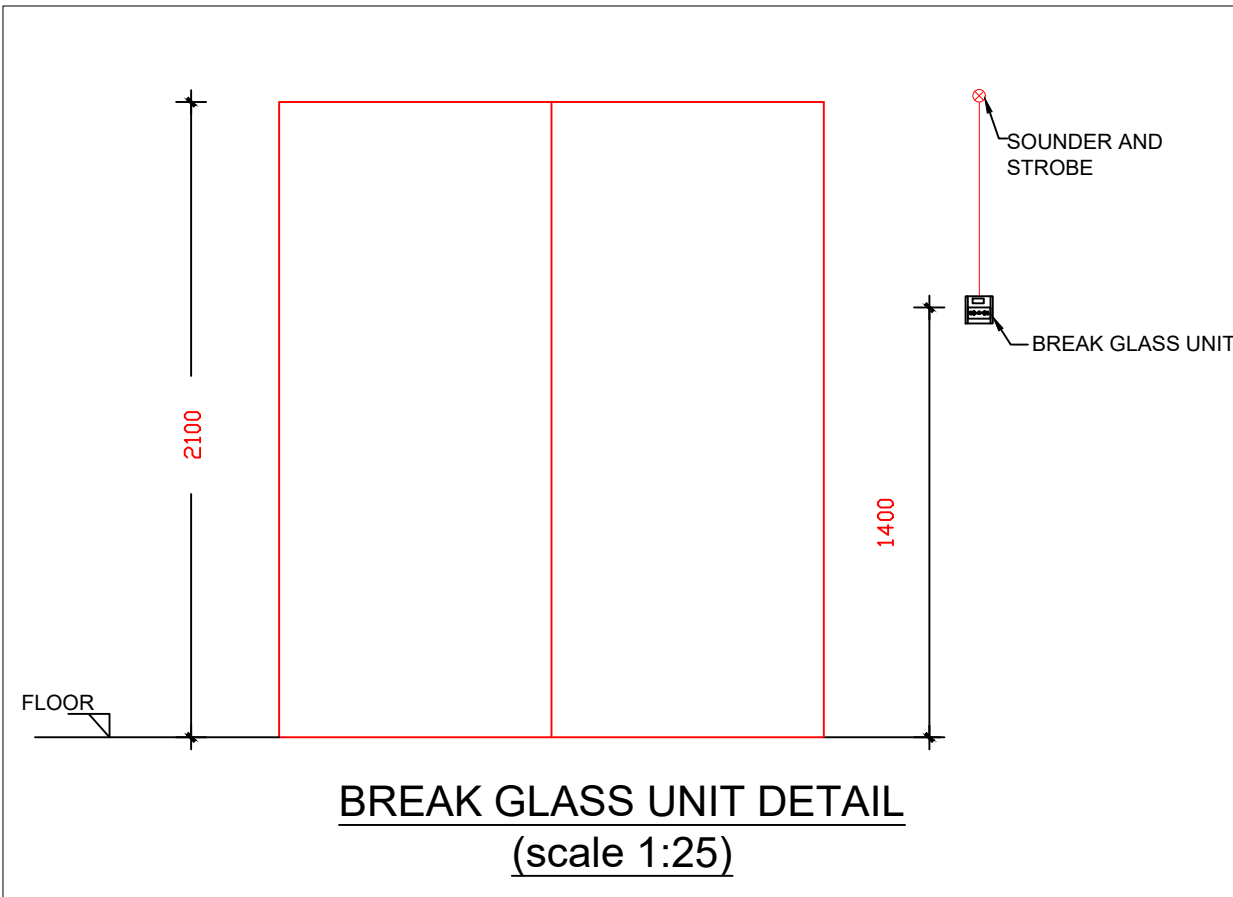
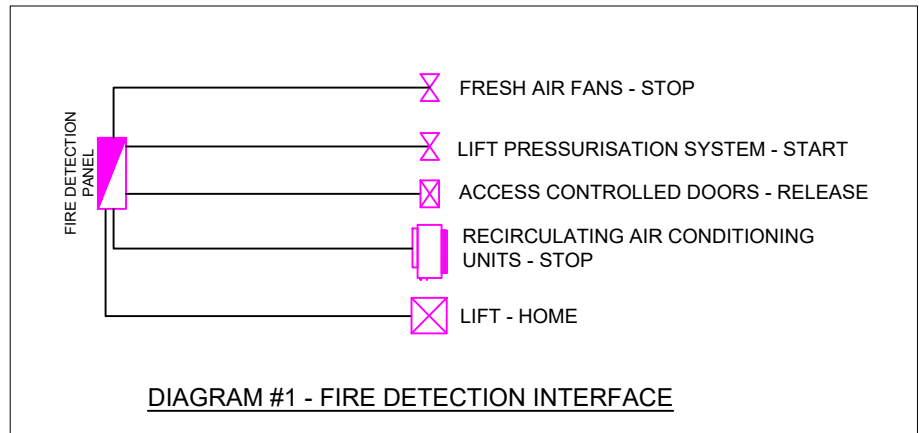
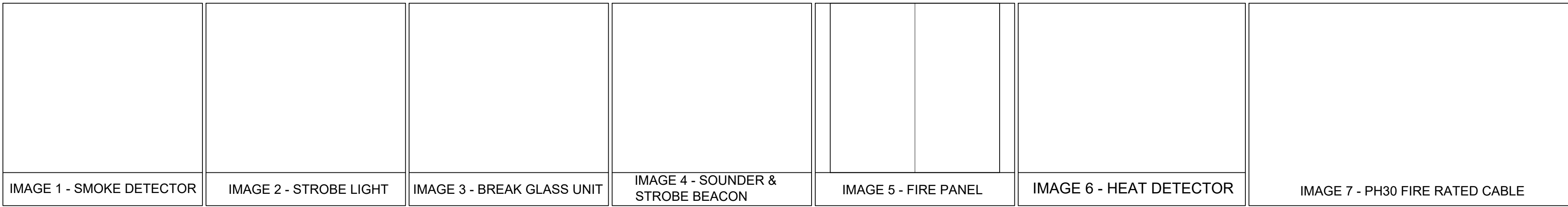


Local Authority stamp



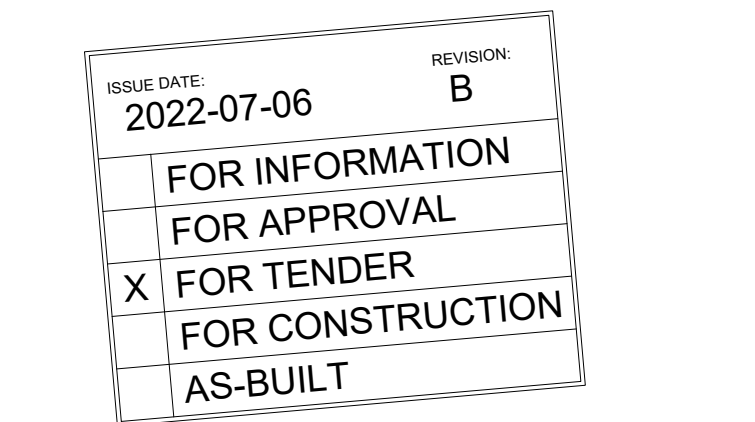
- FIRE DETECTION NOTES
FIRE DETECTION DESIGN IN ACCORDANCE WITH SANS 10139
1. SPACE CLASSIFICATION = G1 - OFFICE
 2. FLOOR AREA = 2234 m²
 3. POPULATION = 1/SEAT = 444 PEOPLE
 4. DETECTION CATEGORY = L1 SYSTEM
 5. FIRE RESISTANT CABLES =PH30 IN ACCORDANCE WITH SANS 10139
 6. AUDIBLE ALARM SOUND LEVEL = 65 DBA
 7. WIRE WAYS = 25mm PVC THROUGHOUT C/W METAL SADDLES EVERY 500mm
 8. THE FIRE DETECTION SYSTEM MUST BE INTERFACED WITH THE FOLLOWING:
 - DUCTED A/C SYSTEM TO SHUT DOWN
 - FRESH AIR SYSTEM TO SHUT DOWN
 - ACCESS CONTROLLED DOORS TO RELEASE
 - LIFT TO HOME UNDER A FIRE CONDITION

- SCOPE OF WORK
1. SUPPLY AND INSTALL NEW DETECTION AND EVACUATION EQUIPMENT AS INDICATED.
 - 2-OFF BREAK GLASS UNIT C/W BASE SOUNDER AND STROBE LIGHT
 - 97-OFF NEW SMOKE DETECTORS
 - 4-OFF NEW HEAT DETECTORS
 - 35-OFF STROBE LIGHTS
 - 35-OFF SOUNDERS
 - 4-GREEN BREAK GLASS UNITS
 2. COMPLETE A FUNCTIONALITY TEST TO ENSURE THE SYSTEM OPERATES SATISFACTORILY UNDER A FIRE CONDITION.
 3. CONDUCT A SOUND LEVEL TEST FOR THE EVACUATION SYSTEM.
 4. TRAIN OCCUPANTS ON THE SYSTEM INSTALLATION.

FIRE DETECTION LEGENDS & COUNT		
SYMBOL/REFERENCE	DESCRIPTION	QTY.
	BGU	BREAK GLASS UNIT WITH SOUNDER AND STROBE
	S	SOUNDER
	S	STROBE LIGHT
	SD	SMOKE DETECTOR
	HD	HEAT DETECTOR
	BGU	GREEN BREAK GLASS UNIT
	LR	LINE RELAYS
		PH30 FIRE RATED CABLE
		825mm CONDUIT LINK
		1408m
		709m



REVISIONS				
No.	Date	Description	Rev.	By/Chk. By
A	2022/07/05	ISSUED FOR INFORMATION	E.K.	H.R.
B	2022/07/06	ISSUED FOR TENDER	A.R.	H.R.



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PROJECT: LAHAE LA SARRS - BLOCK GH

DWG TITLE: BROOKLYN
FIRST STOREY - PROPOSED
DETECTION LAYOUT

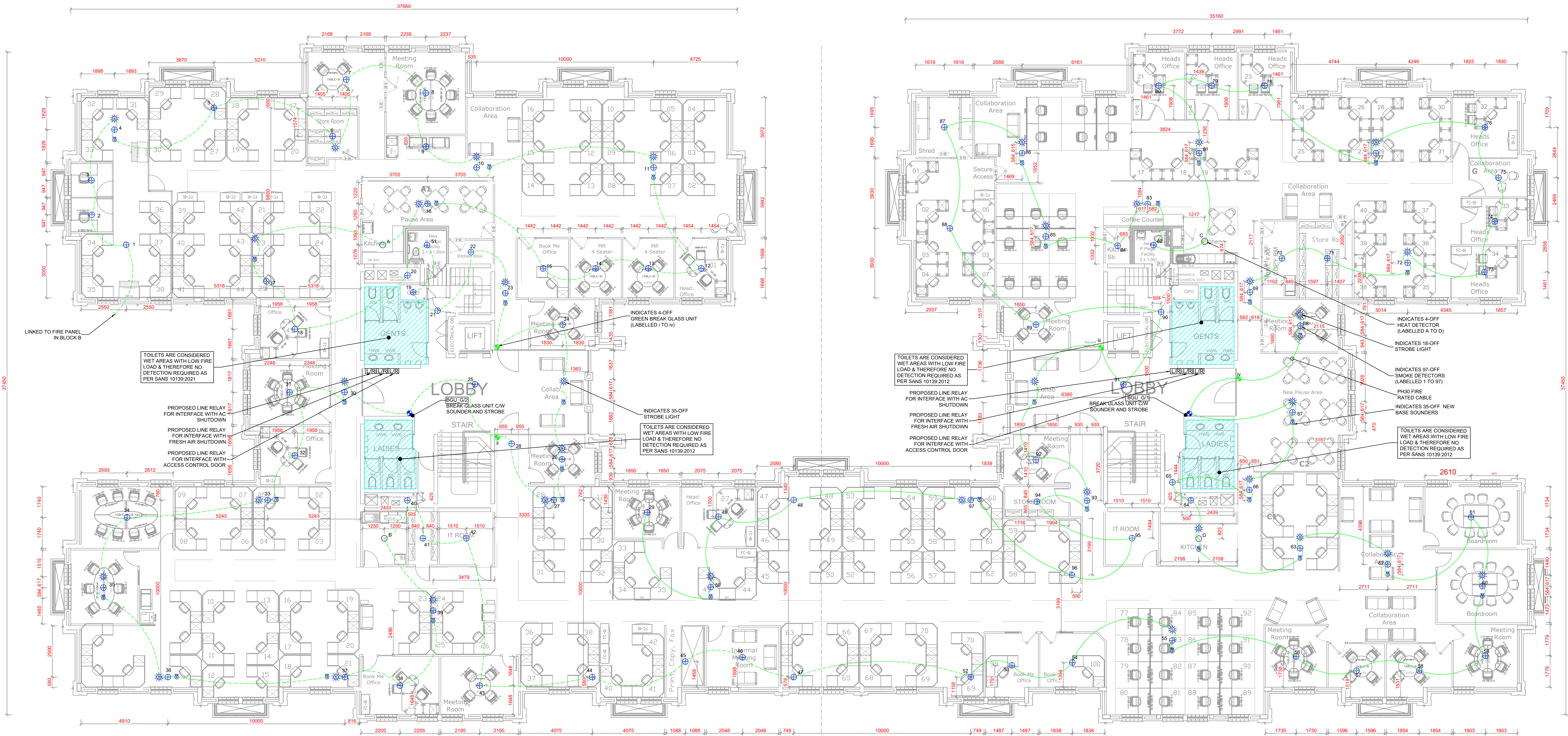
DWG NUMBER: 21B09-D-610-01 REV. B

DESIGNED BY: E. ILUNGA SCALE: 1:100 @ A0

CHECKED BY: H.D. ROUX ECISA NUMBER: 201070151

APPROVED BY: H.D. ROUX ECISA NUMBER: 201070151

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FIRST STOREY - PROPOSED DETECTION LAYOUT (Scale 1:100)