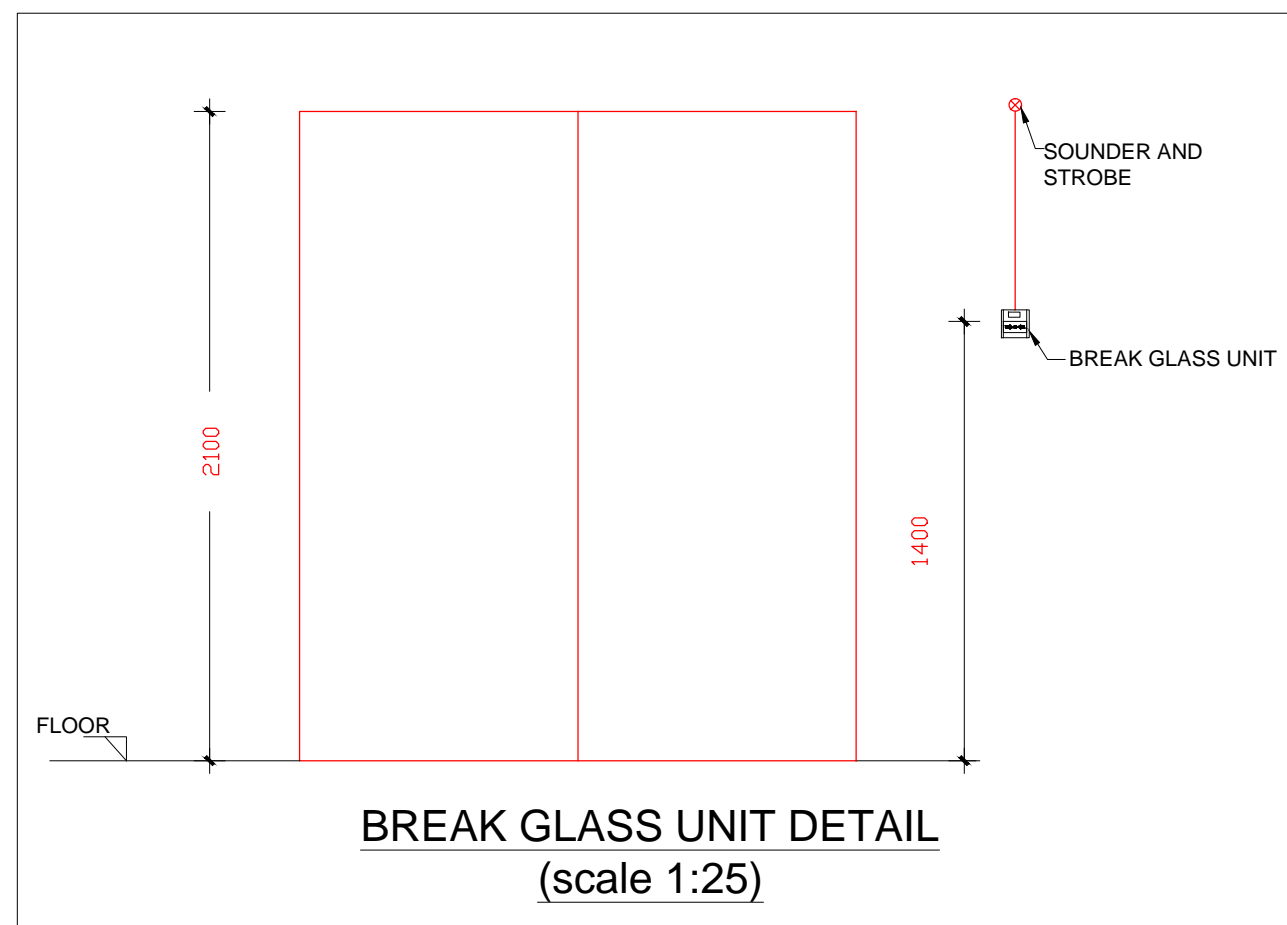


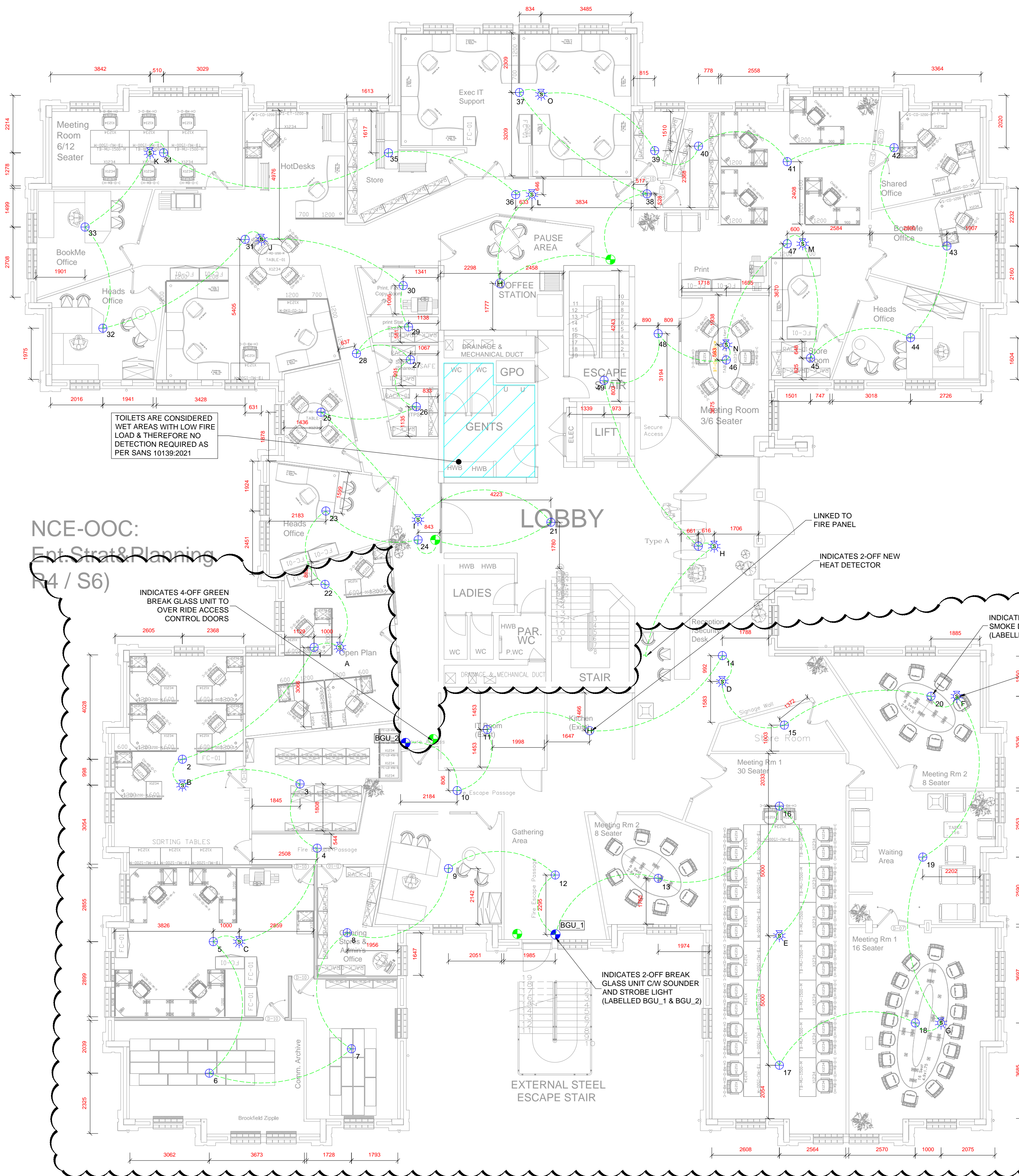
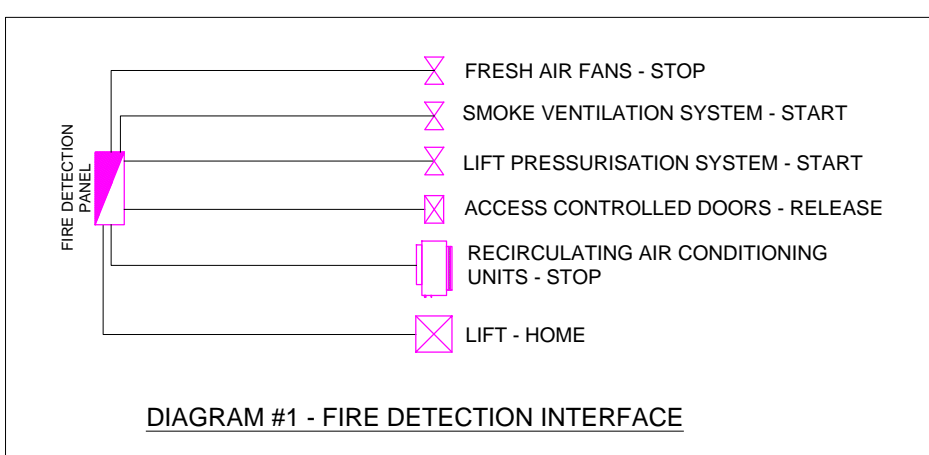
Local Authority stamp



ISSUE DATE:	2023-08-23	REVISION:	A
X FOR INFORMATION			
FOR APPROVAL			
FOR TENDER			
FOR CONSTRUCTION			
AS-BUILT			



CLOUD INDICATE
EXISTING EQUIPMENT



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

- FIRE DETECTION NOTES
FIRE DETECTION DESIGN IN ACCORDANCE WITH SANS 10139
- SPACE CLASSIFICATION = G1 - OFFICE
 - FLOOR AREA = 1125 m²
 - POPULATION = 1/SEAT = 153 PEOPLE
 - DETECTION CATEGORY = L1 SYSTEM
 - FIRE RESISTANT CABLES = PH30 IN ACCORDANCE WITH SANS 10139
 - AUDIBLE ALARM SOUND LEVEL = 65 DBA
 - WIRE WAYS = 25mm PVC THROUGHOUT C/W METAL SADDLES EVERY 500mm
 - THE FIRE DETECTION SYSTEM MUST BE INTERFACED WITH THE FOLLOWING
 - DUCTED A/C SYSTEM TO SHUT DOWN
 - FRESH AIR SYSTEM TO SHUT DOWN
 - SMOKE VENTILATION SYSTEM TO START
 - ACCESS CONTROLLED DOORS TO RELEASE
 - LIFT TO HOME UNDER A FIRE CONDITION

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

FIRE DETECTION LEGENDS & COUNT			
SYMBOL	REFERENCE	DESCRIPTION	QTY.
	BG	BREAK GLASS UNIT WITH SOUNDER AND STROBE EXISTING = 3	2
	SS	STROBE LIGHT WITH BUILT-IN SOUNDER	14
	SD	SMOKE DETECTOR EXISTING = 29	49
	HD	HEAT DETECTOR EXISTING = 1	2
	BGU	GREEN BREAK GLASS UNIT EXISTING = 3	4
	DP	FIRE DETECTION PANEL	1
		PH30 FIRE RATED CABLE	1080m
		25mm CONDUIT LINK	540m

REVISIONS					
No	Date	Description	Rev	By	Chk By
A	2022/08/23	ISSUED FOR INFORMATION		T.E	H.R

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PROJECT: LAHA LA SRS - BLOCK A

DWG TITLE: BROOKLYN

DWG NUMBER: 21B09-D-601-01 REV. A

DESIGNED BY: S. MAFUYA SCALE: 1:100 @ A1

CHECKED BY: H.D ROUX ECSA NUMBER: 201070151

APPROVED BY: H.D ROUX ECSA NUMBER: 201070151

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