



GYSBI_ITT005_092023

Design and Installation of Fire Alarm System



Scope of Works for Design and Installation of Fire Alarm System

A. Scope of Works

As part of Guyana Shore Base Inc.'s (GYSBI's) continuous expansion program we seek a suitably qualified Contractor to design, supply, install, test, and commission a modern Addressable Fire Detection and Alarm Control System of an approved manufacture and design in accordance with NFPA requirements to protect the risk area set out in the drawings.

The Contractor shall submit a complete design proposal using NFPA with a cause/effect logic chart, detailed list of materials and original detailed catalogues of the equipment for Client approval before commencement of work.

B. Requirements

The system shall comprise of the following:

- Main Fire Alarm Control Panel (FACP) with charger and batteries located at the entrance of the building or any other location deemed adequate by the design.
- Automatic Field Devices (smoke, heat, break glass unit etc.), manual call points etc.
- It shall/may be possible to monitor and control the fire alarm system from a repeater panel if deemed necessary by the design.
- The FACP shall be designed to make accommodation for future expansion of the ground floor.

C. Technical Specifications

INSTALLATION

- All equipment shall be installed in strict accordance with the manufacturer's instructions, and in strict compliance with NFPA requirements.
- A qualified technician shall install, test and commission the system in accordance with international codes and regulations.

CLEANING

- At the conclusion of the work, thoroughly clean all components, remove all dirt, dust or any other material which may have been accumulated during the execution phase. Debris cleaned from the site shall be removed from the job site. The entire site should also be cleared and cleaned of all unwanted materials owned by the Contractor.

TESTING/COMMISSIONING

- The system shall be tested in accordance with NFPA Standards as per design. All drawings, schematic and red line drawings required.

D. Deliverables

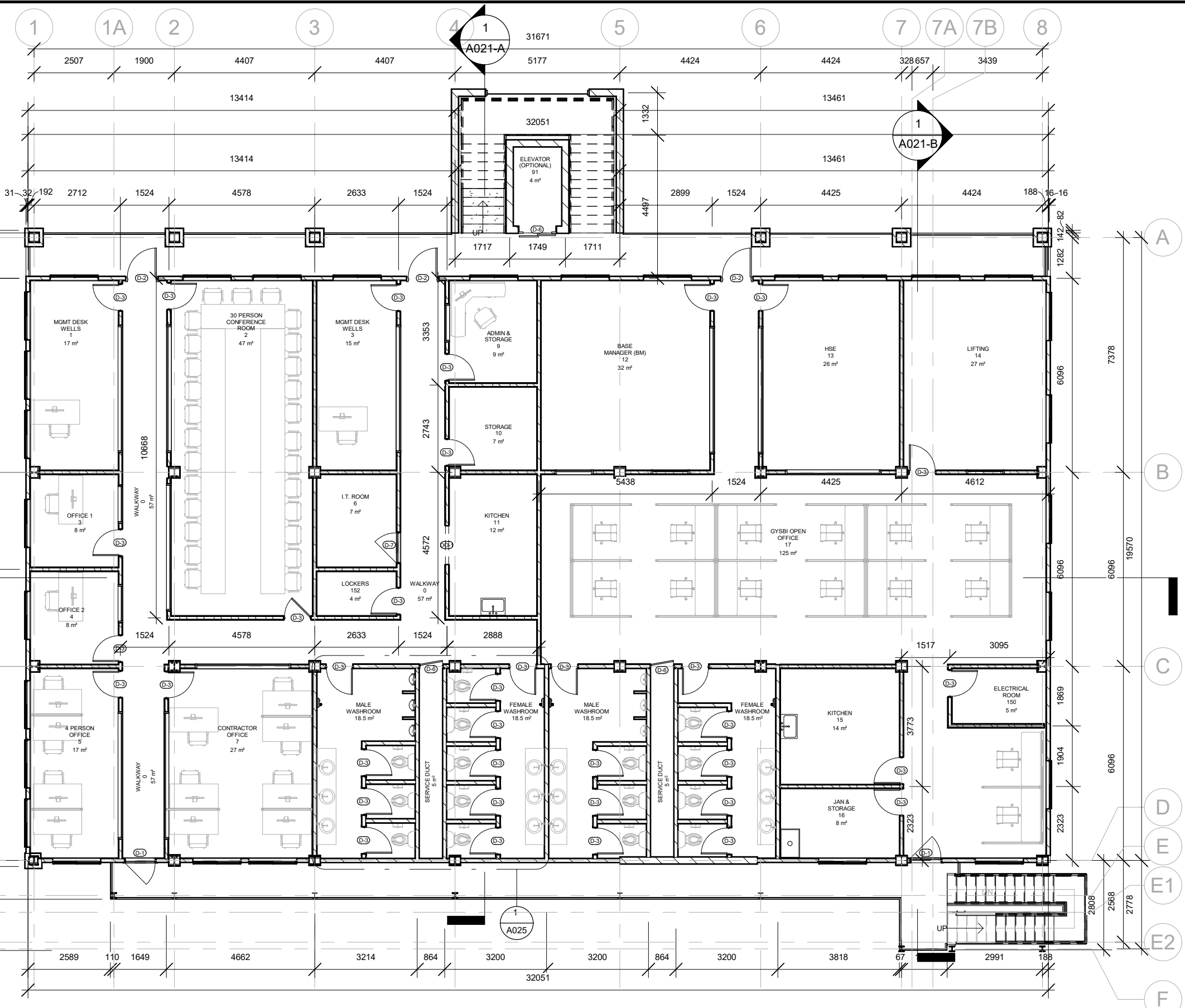
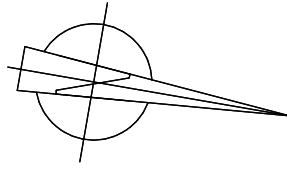
- At minimum, the Contractor is to furnish the company with the following but not limited to:
 - Provide a fire alarm system as approved by the Client.
 - Provide the Client with detailed as-built drawings at the completion of testing and commissioning phase.
 - Provide the Client with a written report at the completion phase including manufacturer's manuals and any documentation that comes with the system.

E. Construction Constraints

- SIMOPS with the Main Contractor of the building.

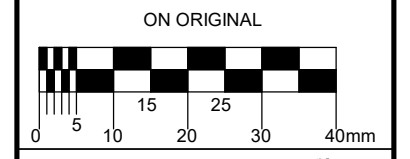
F. Useful Information

SEE PHOTOS BELOW



1 FIRST FLOOR LEVEL
1 : 130

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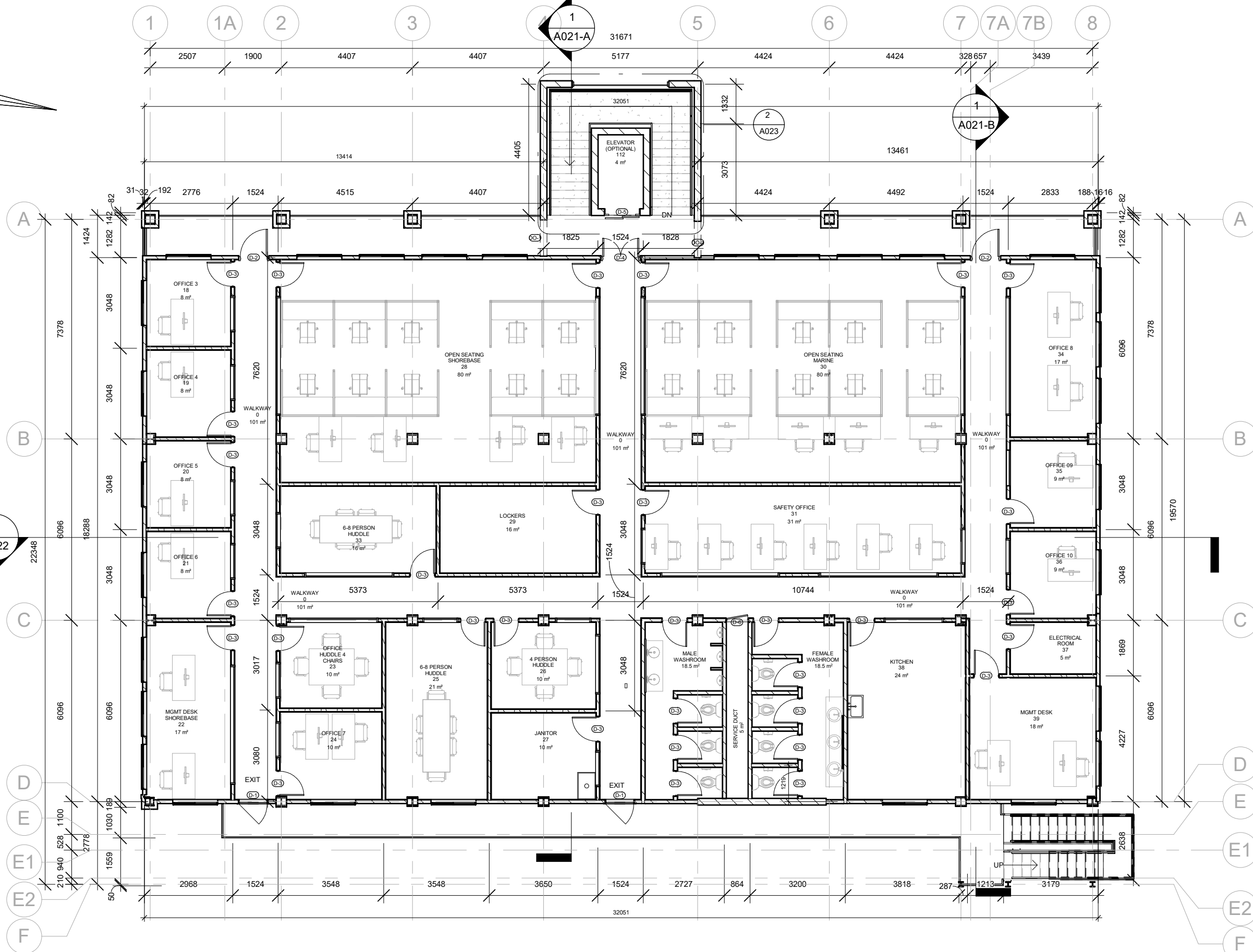
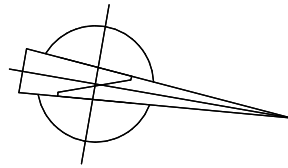
LEGEND

Notes:

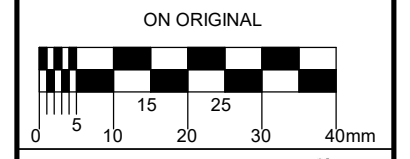
1. All dimensions are in millimeters unless stated otherwise.
2. Do not scale from these drawings. Use figured dimensions only.
3. All dimensions are to be field verified before construction.

Revisions		
01/03/2023	1	Issued for Construction by C.B.A

Client:			
GYSBI			
Project:			
GYSBI OFFICE BLOCK			
Title:			
FIRST FLOOR PLAN			
Date:	Rev	Scale	Sheet
01/03/2022	1	As Shown	A006



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LEGEND

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Revisions		
01/03/2023	1	Issued for Construction by C.B.A

Client: GYSBI
Project: GYSBI OFFICE BLOCK

Title: SECOND FLOOR PLAN			
Date: 01/03/2022	Rev: 1	Scale: As Shown	Sheet: A007

1 SECOND FLOOR LEVEL.
1 : 130