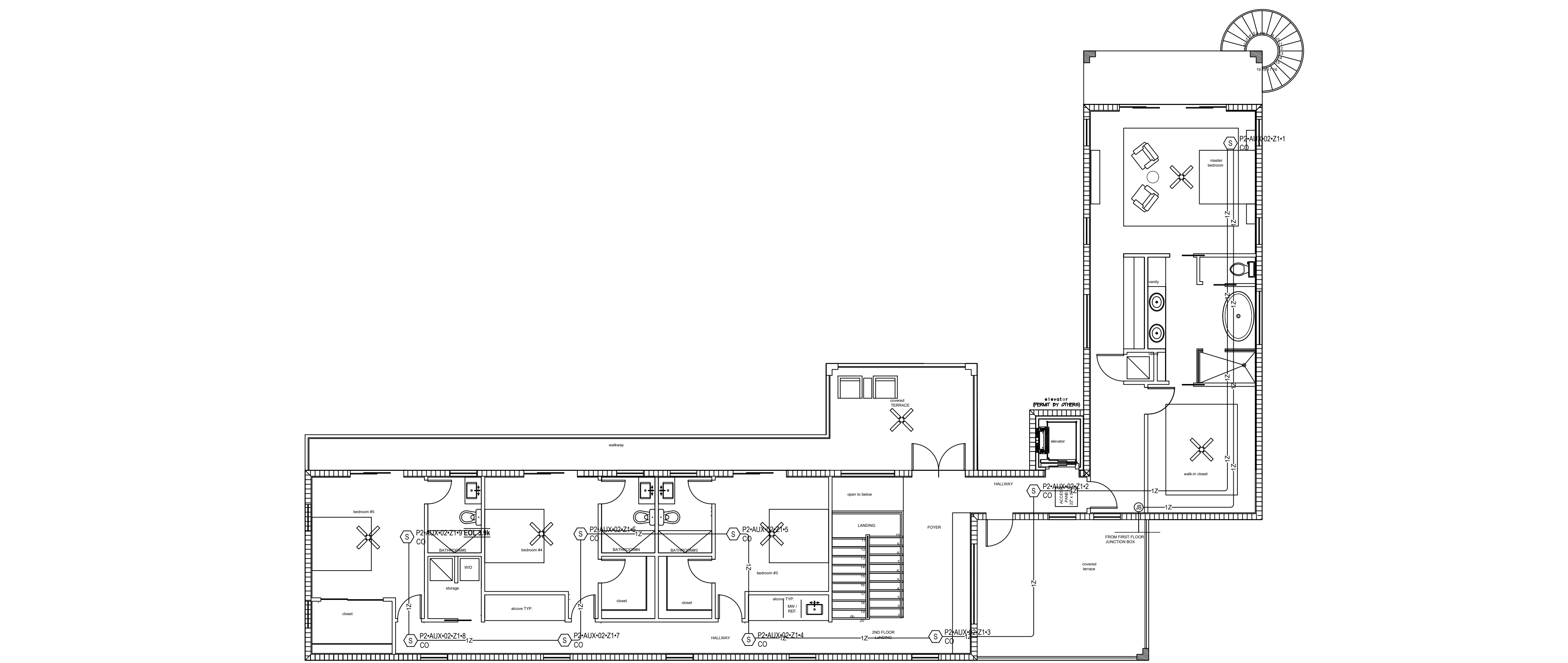
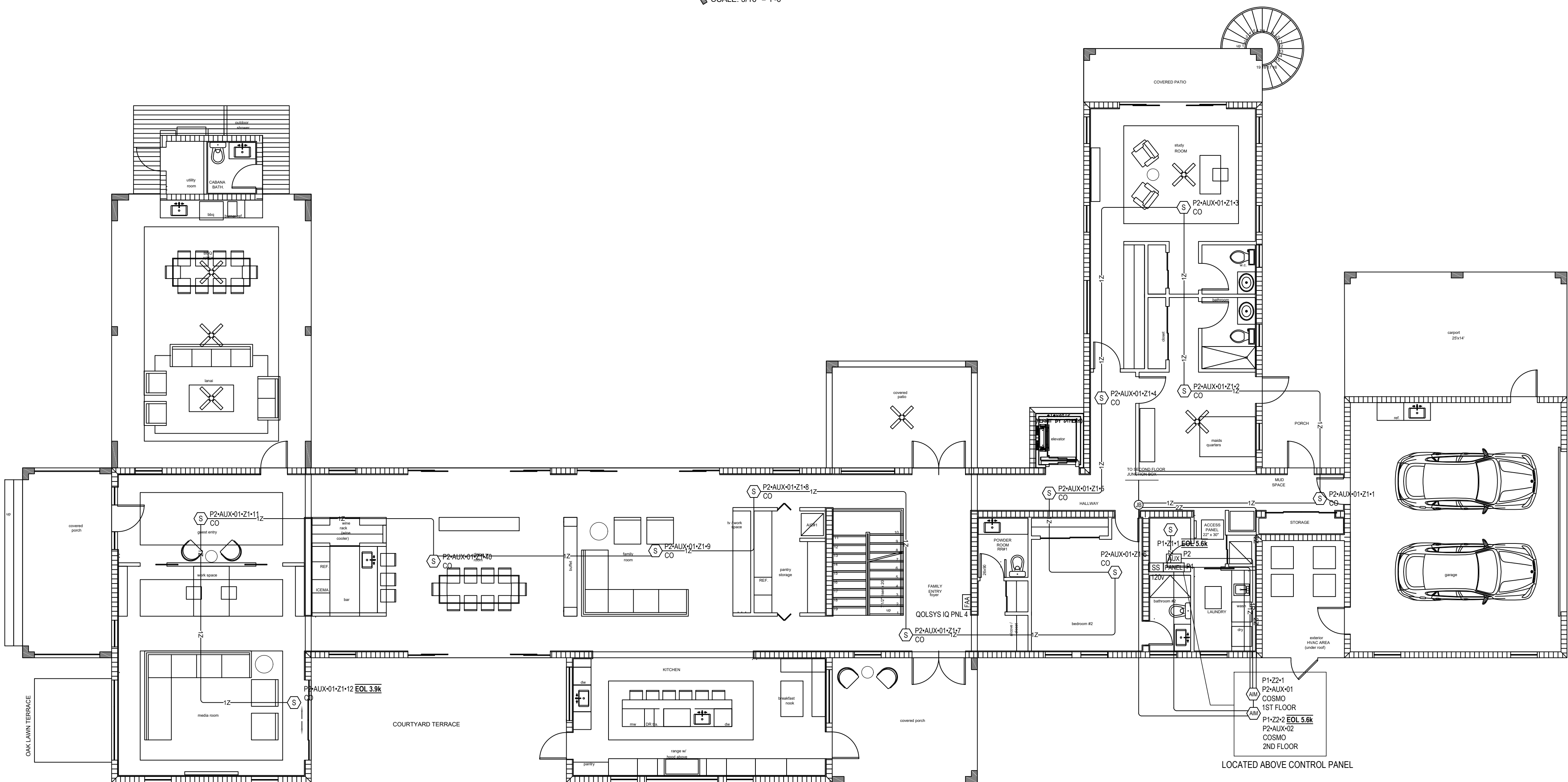




SECOND floor plan
SCALE: 3/16" = 1'-0"



FIRST floor plan
SCALE: 3/16" = 1'-0"

SEQUENCE OF OPERATION:

CARBON MONOXIDE DETECTOR (CO)

- Activation of Detector shall initiate the following functions:
- Generate an audible signal at the Fire Alarm Control Panel and at the Remote Annunciator Panel if installed.
 - Generate an audible signal simultaneously on all areas of the building by means of built-in sounder base notification devices.
 - Indicate the location of the Carbon Monoxide Detector by displaying the alarmed device and its location on the FACP and on the Remote Annunciator if installed.

COMBINATION OF SMOKE DETECTOR AND CARBON MONOXIDE (SD/CO)

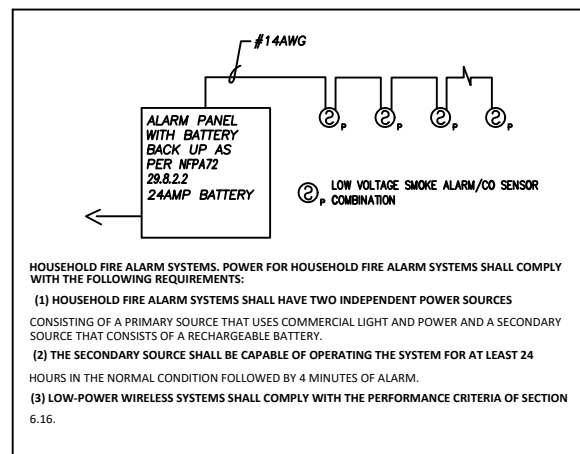
- Activation of Smoke and Carbon Monoxide Detector (SD/CO) shall initiate the following functions:
- Generate an audible signal at the Fire Alarm Control Panel and at the Remote Annunciator panel if installed.
 - Generate an audible signal simultaneously on all areas of the building by means of built-in sounder base notification devices.
 - Indicate the location of the Smoke and Carbon Monoxide Detector (CO) by displaying the alarmed device and its location on the FACP and on the Remote Annunciator if installed.

SMOKE DETECTOR/SOUNDER BASE

- Activation of Smoke Detector with Sounder Base shall initiate following functions:
- Generate an audible signal at the Fire Alarm Control Panel and at the Remote Annunciator panel if installed.
 - Generate an audible signal simultaneously on all areas of the building by means of built-in sounder base notification devices.
 - Indicate the location of the Smoke Detector by displaying the alarmed device and its location on the FACP and on the Remote Annunciator if installed.

TROUBLE

- Indicate the location of trouble signal at the FACP and at the Remote Annunciator.
- Generate an audible signal at the FACP and at the Remote Annunciator.



NOTES:
1. OVERVOLTAGE PROTECTOR SHALL BE INSTALLED ON THE MAIN SUPPLY LINE TO THE ALARM SYSTEM.
2. THE ALARM SYSTEM SHALL HAVE TWO INDEPENDENT POWER SOURCES.
3. THE ALARM SYSTEM SHALL HAVE TWO INDEPENDENT POWER SOURCES.
4. THE ALARM SYSTEM SHALL HAVE TWO INDEPENDENT POWER SOURCES.
5. THE ALARM SYSTEM SHALL HAVE TWO INDEPENDENT POWER SOURCES.

DEVICE LEGEND				
SYMBOL	QTY	MANUFACTURER	PART NO	DESCRIPTION
SS 120v	1	DITEK	DTK-120HW	OVERVOLTAGE PROTECTOR CIRCUIT PROTECTION-120V
AUX	1	ALTRONIX	eFlow4N	POWER SUPPLY CHARGER, 1 OUTPUT, 1224VDC @ 10A, 115VAC
PANEL	1	ALTRONIX	EFLOW104N MAIN BOARD	FIRE ALARM POWER SUPPLY MAIN BOARD
PANEL	1	DSC	PG9WL5HW8	MAIN CONTROL PANEL WITH 16 ZONES
FAA	1	DSC	PC4020	MAINBOARD
FAA	1	DSC	Qokeys IQ Panel 4	(PowerG Version) UL 985 / UL 1023 / UL 2610 listed
COSMO	2	SYSTEM SENSOR	COSMOD2W	2-WIRE INTERFACE MODULE (REQUIRED TO USE WITH COSMO-2W MODELS)
S	1	SYSTEM SENSOR	2W-B	2-WIRE STANDARD IS DETECTOR
S CO	21	SYSTEM SENSOR	COSMO-2W	1224 VOLT, 2-WIRE, SYSTEM-CONNECTED, COMBINATION CARBON MONOXIDE/SMOKE DETECTOR WITH REALTEST TECHNOLOGY

This item has been digitally signed and sealed by Yanan Tomas Leyva, PE on December 19th 2025.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SEAL

YENAN TOMAS LEYVA, PE
LIC. #67416
PHONE: (305) 519-1277
ADDRESS: 15873 SW 138th TERRACE
MIAMI, FLORIDA 33196

CIRCLE SECURITY SOLUTIONS, INC.

6815 SW 81st Terrace.

Miami, Florida 33143

Lic: EF0000848

PH: (305) 776.9738

Project Name and Address:

NEW RESIDENTIAL SMOKE ALARM SYSTEM FOR:

CASTRO RESIDENCE

12715 Rolling Road Drive

Pinecrest, FL 33196

FIRE ALARM
DESIGNER
& SECURITY SYSTEMS
DESIGN AND DRAWING

Phone: (786) 458 4234
e-mail:
cico.generaldesigns@yahoo.com

Revisions:

Date: 12.05.2025

CAD File: 00005

Project No: 107

Scale: AS SHOWN

FA: 2
Sheet 2 of 4