1415 FAIRVIEW RD

8/26/2025

A/V SYSTEM ENGINEERING DRAWINGS

DESIGNED BY:

NEUWAVE SYSTEMS
2800 HIGHWOODS BLVD.
RALEIGH, NC 27604
919.878.8747
WWW.NEUWAVESYSTEMS.COM

NOTES

1415 Fairview Rd
Raleigh, NC 27608
(enter builder name)
(enter superintendent's name)
(enter superintendents' phone number)

DRAWING REVISIONS

REV #	DESCRIPTION	DATE	BY

Security

SEC	Security Panel
	Keypad
AUX	Auxiliary Keypad
	Touchscreen
	Intercom Station
WIRED	Window/Door Switch - Wired
WIRELESS	Window/Door Switch - Wireless
	Motion Detector
	Glass Break Detector
SD	Smoke Detector
	H_2O Sensor
	H_2O Cut-Off
	Siren
	Doorbell
DB	Video Doorbell
	Electronic Door Lock
	Driveway Sensor
CO_2	CO_2 Sensor
AC	Access Control Panel
ES	Strike
CR	Card Reader
RTE	Request To Exit
	Door Contact
J	Junction Box

Central Vacuum

VAC	Vacuum Power Unit
	Vacuum Toe-Kick Inlet
	Vacuum Inlet

Control

	Keypad
	Touch Pad
	Touchpanel
	Volume Control
V	Voice Control Module

Electrical

S	Light Switch
D	Dimmer
KP	Lighting Keypad
AKP	Auxiliary Lighting Keypad
KP/D	Keypad/Dimmer
	Fan Switch
	Plug-in Switch
	Plug-in Dimmer
	Outlet - Single
	Outlet - Duplex
	Outlet - Quad
GEN	Generator
	Surge Suppressor
UPS	UPS
	Inverter
	Photovoltaic Array
	Wind Turbine Generator
	Vehicle Charging Point
CLP	Centralized Lighting Panel
S	Shade Power Panel
	Lighting Repeater
	Auxiliary Lighting Repeater
J	Junction Box

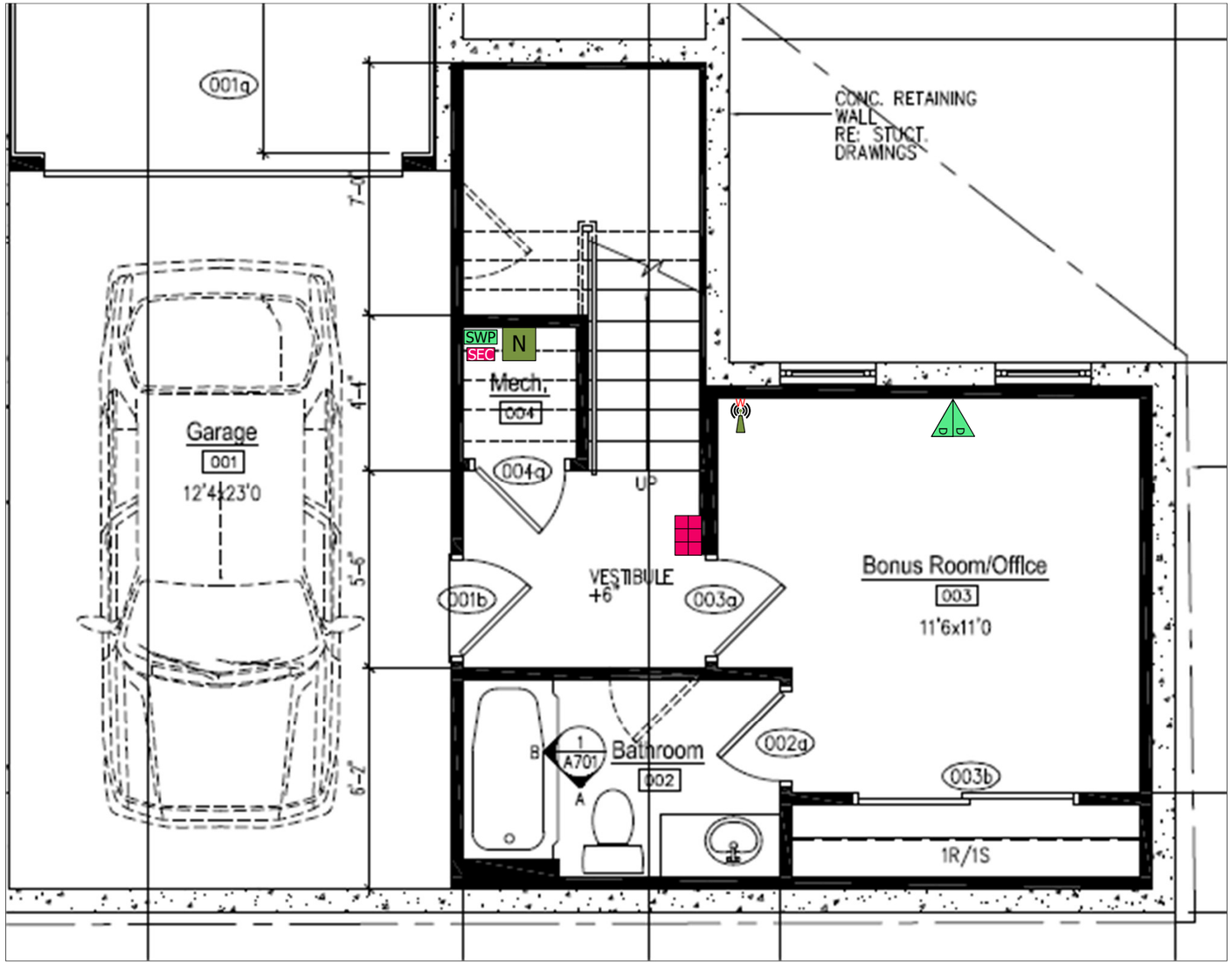
Audio/Video

AV	AV System Headend
	AV Source
	Local Source
	NVR/DVR
B	Bullet Camera
D	Dome Camera
T	Turret Camera
	Floodlight Camera
	PTZ Camera
	Wired Microphone
	Wireless Microphone
	White Board
	Flat Panel Display
	Projector
	Projection Screen
	Masking Projection Screen
LCR	LCR soundbar
LR	LR soundbar
B	Bookshelf Speaker
T	Tower Speaker
OW	On-Wall Speaker
SW	Amplified Subwoofer
R	Rock Speaker
L	Landscape Speaker
PSW	Passive Subwoofer
P	Pendant Speaker
IW	In-Wall Speaker
IC	In-Ceiling Speaker
J	Junction Box

~all data port & WAP wiring to SW enclosure
~all TV, camera & touchpanel wiring to system HE

Environmental

T	Thermostat
H	Humidistat
TH	Thermostat/Humidity Sensor
TS	Temperature Sensor
HS	Humidity Sensor
THS	Temperature/Humidity Sensor
J	Junction Box



Structured Wiring

SWP	Structured Wiring Panel
NID	NID (Demarc)
P	Phone Port
D	Data Port
D/D	Dual Data Port
D/D/D	Triple Data Port
TV/D	TV/Data Port
TV/D/D	TV/Dual Data Port
HDMI	HDMI Patch
FLEX	Flexible Chase
FLEX	Vertical Flexible Chase
CHASE	Flexible Chase From Crawlspace To Attic
J	Junction Box

Data

N	Network Location
	LAN Switch
	Wired Access Point
	Mesh Access Point
	Printer/Copier
	CPU/Server
	POS terminal

Furnishings

RK	Rack
	Lift/Mount
	Curtains
	Wired Shade
	Wireless Shade
M	Manual Shade
	Wired Switch
	Wireless Switch
U	Wireless Universal Wallmount Controller
M	Main Repeater
R	Auxiliary Repeater
	Sofa
	Love Seat
	Seat - No Arms
	Seat - One Arm
	Seat - Two Arms
	Seat - Wedge

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TITLE
1415 FAIRVIEW RD

DESCRIPTION
AV FLOOR PLAN - BASEMENT

DRAWN BY
LEONARD MAXWELL

DATE
10/24/2023

REVISED
8/26/2025

SCALE

ACCOUNT NUMBER
16424

Security	
SEC	Security Panel
	Keypad
AUX	Auxiliary Keypad
	Touchscreen
	Intercom Station
WIRED	Window/Door Switch - Wired
WIRELESS	Window/Door Switch - Wireless
	Motion Detector
	Glass Break Detector
SD	Smoke Detector
H_2O	H_2O Sensor
H_2O	H_2O Cut-Off
	Siren
	Doorbell
DB	Video Doorbell
	Electronic Door Lock
	Driveway Sensor
CO_2	CO_2 Sensor
AC	Access Control Panel
ES	Strike
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Central Vacuum	
VAC	Vacuum Power Unit
	Vacuum Toe-Kick Inlet
	Vacuum Inlet

Control	
	Keypad
	Touch Pad
	Touchpanel
	Volume Control
V	Voice Control Module

Electrical	
S	Light Switch
D	Dimmer
KP	Lighting Keypad
AKP	Auxiliary Lighting Keypad
KP/D	Keypad/Dimmer
F	Fan Switch
PI	Plug-in Switch
PD	Plug-in Dimmer
	Outlet - Single
	Outlet - Duplex
	Outlet - Quad
GEN	Generator
	Surge Suppressor
UPS	UPS
	Inverter
	Photovoltaic Array
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CLP	Centralized Lighting Panel
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	Lighting Repeater
	Auxiliary Lighting Repeater
J	Junction Box

Audio/Video	
AV	AV System Headend
	AV Source
	Local Source
	NVR/DVR
B	Bullet Camera
D	Dome Camera
T	Turret Camera
FE	Floodlight Camera
	PTZ Camera
	Wired Microphone
	Wireless Microphone
	White Board
	Flat Panel Display
	Projector
	Projection Screen
	Masking Projection Screen
LCR	LCR soundbar
LR	LR soundbar
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T	Tower Speaker
OW	On-Wall Speaker
SW	Amplified Subwoofer
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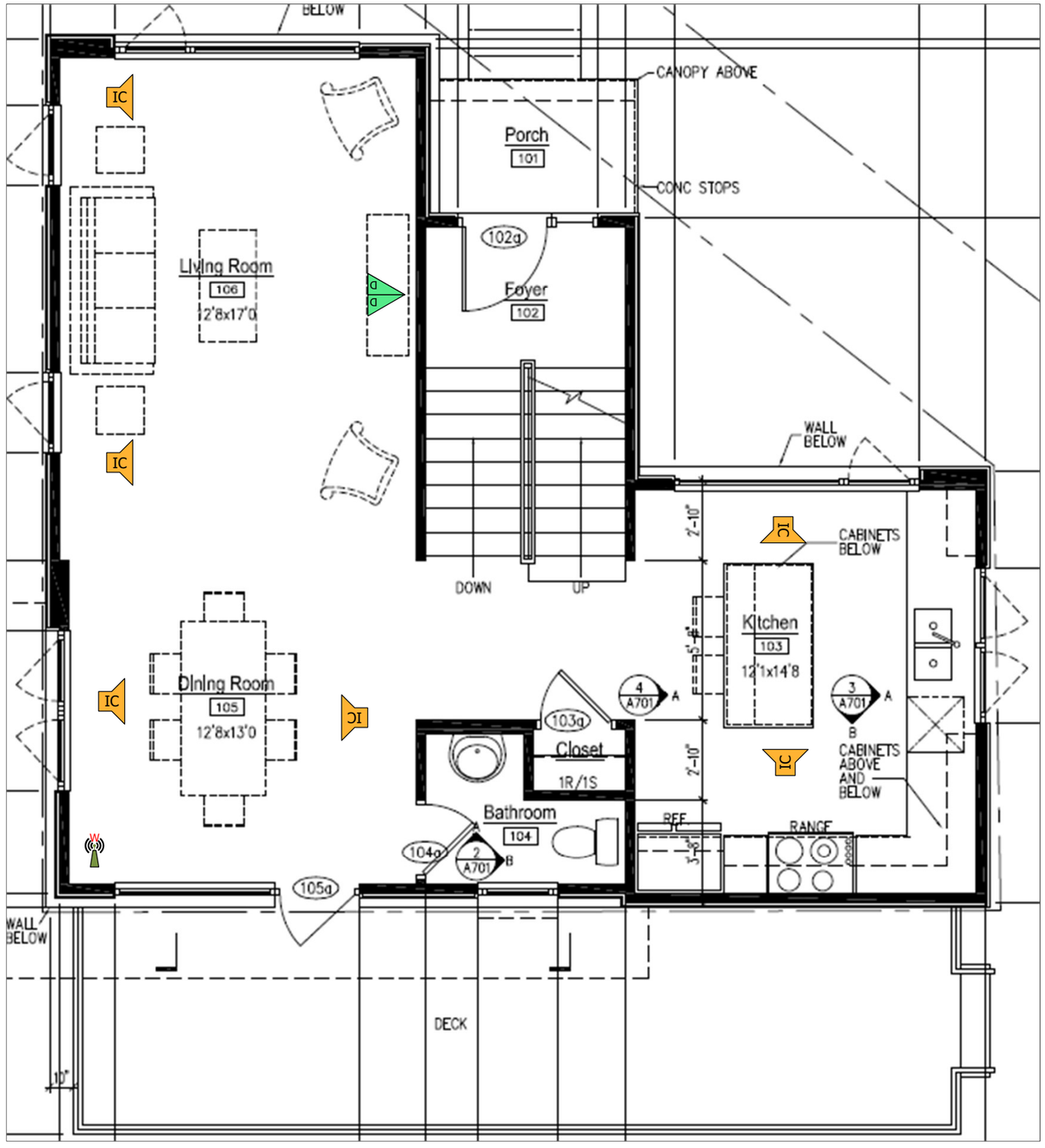

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Data	
N	Network Location
	LAN Switch
	Wired Access Point
	Mesh Access Point
	Printer/Copier
	CPU/Server
	POS terminal

Furnishings	
RK	Rack
	Lift/Mount
	Curtains
	Wired Shade
	Wireless Shade
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TITLE
1415 FAIRVIEW RD

DESCRIPTION
AV FLOOR PLAN - 1ST FLOOR

DRAWN BY
LEONARD MAXWELL

DATE
10/24/2023

REVISED
8/26/2025

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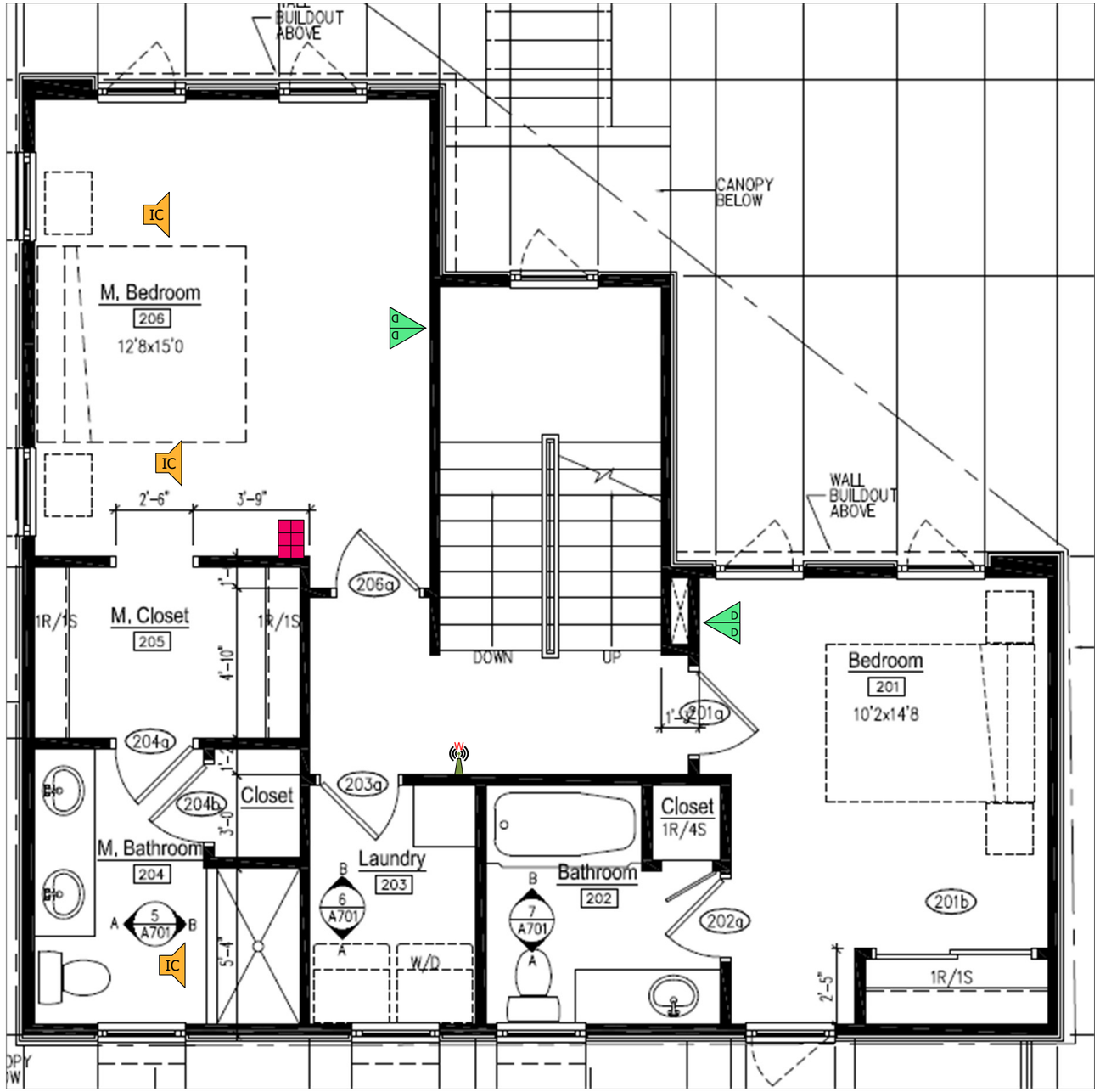

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TITLE
1415 FAIRVIEW RD

DESCRIPTION
AV FLOOR PLAN - 2ND FLOOR

DRAWN BY
LEONARD MAXWELL

DATE
10/24/2023

REVISED
8/26/2025

SCALE

ACCOUNT NUMBER
16424