

303 BICKETT BLVD

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

303 Bickett Blvd
Raleigh, NC 27608
(enter builder name)
(enter superintendent's name)
(enter superintendents' phone number)

DRAWING REVISIONS

[illegible]

Security	
	Security Panel
	Keypad
	Auxiliary Keypad
	Touchscreen
	Intercom Station
	Window/Door Switch - Wired
	Window/Door Switch - Wireless
	Motion Detector
	Glass Break Detector
	Smoke Detector
	H ₂ O Sensor
	H ₂ O Cut-Off
	Siren
	Doorbell
	Video Doorbell
	Electronic Door Lock
	Driveway Sensor
	CO ₂ Sensor
	Access Control Panel
	Strike
	Card Reader
	Request To Exit
	Door Contact
	Junction Box

Audio/Video	
	AV System Headend
	AV Source
	Local Source
	NVR/DVR
	Bullet Camera
	Dome Camera
	Turret Camera
	Floodlight Camera
	PTZ Camera
	Wired Microphone
	Wireless Microphone
	White Board
	Flat Panel Display
	Projector
	Projection Screen
	Masking Projection Screen
	LCR soundbar
	LR soundbar
	Bookshelf Speaker
	Tower Speaker
	On-Wall Speaker
	Amplified Subwoofer
	Rock Speaker
	Landscape Speaker
	Passive Subwoofer
	Pendant Speaker
	In-Wall Speaker
	In-Ceiling Speaker
	Junction Box

~all data port & WAP wiring to SW enclosure ~all TV, camera & touchpanel wiring to system HE	
Environmental	
	Thermostat
	Humidistat
	Thermostat/Humidity Sensor
	Temperature Sensor
	Humidity Sensor
	Temperature/Humidity Sensor
	Junction Box

Central Vacuum	
	Vacuum Power Unit
	Vacuum Toe-Kick Inlet
	Vacuum Inlet

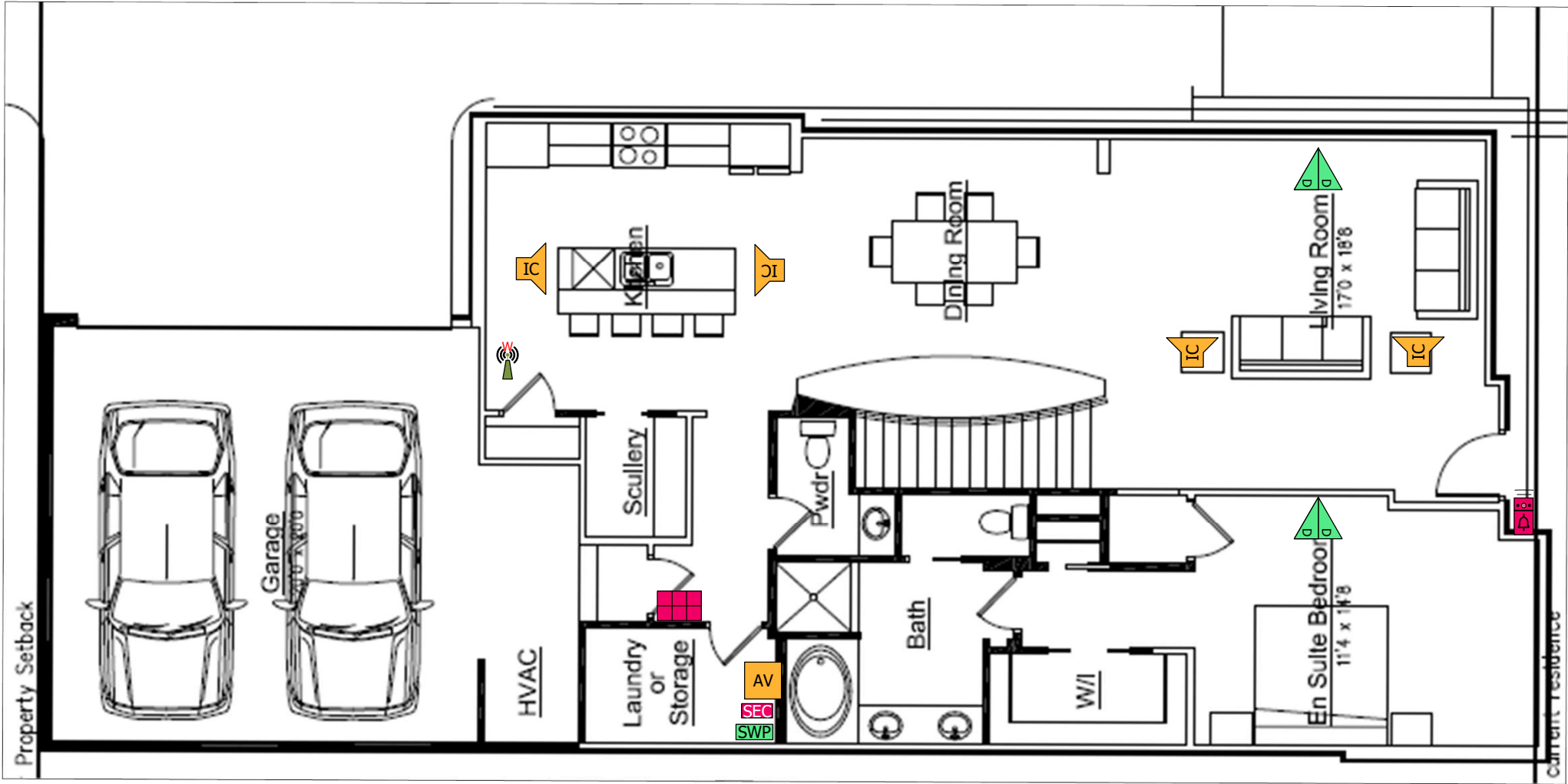
Control	
	Keypad
	Touch Pad
	Touchpanel
	Volume Control
	Voice Control Module

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

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

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

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





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



NOTICE:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF NEUWAVE SYSTEMS TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF NEUWAVE SYSTEMS AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM NEUWAVE SYSTEMS.

TITLE

303 BICKETT BLVD

DESCRIPTION

AV FLOOR PLAN - 1ST FLOOR

DRAWN BY

LEONARD MAXWELL

DATE

8/7/2025

REVISED

8/26/2025

SCALE

ACCOUNT NUMBER

16423

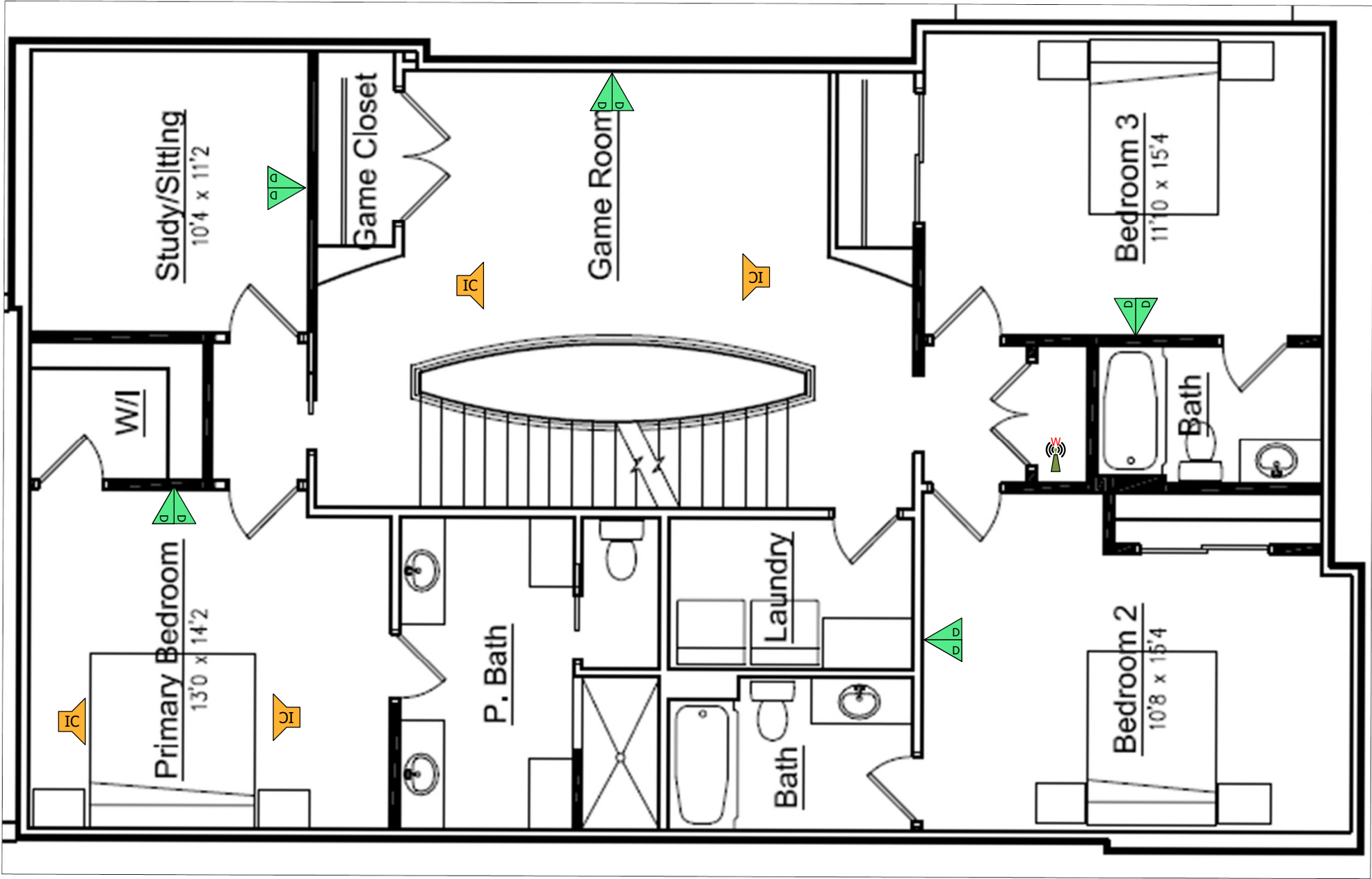
PAGE

2 OF 3

Security	
	Security Panel
	Keypad
	Auxiliary Keypad
	Touchscreen
	Intercom Station
	Window/Door Switch - Wired
	Window/Door Switch - Wireless
	Motion Detector
	Glass Break Detector
	Smoke Detector
	H ₂ O Sensor
	H ₂ O Cut-Off
	Siren
	Doorbell
	Video Doorbell
	Electronic Door Lock
	Driveway Sensor
	CO ₂ Sensor
	Access Control Panel
	Strike
	Card Reader
	Request To Exit
	Door Contact
	Junction Box

Audio/Video	
	AV System Headend
	AV Source
	Local Source
	NVR/DVR
	Bullet Camera
	Dome Camera
	Turret Camera
	Floodlight Camera
	PTZ Camera
	Wired Microphone
	Wireless Microphone
	White Board
	Flat Panel Display
	Projector
	Projection Screen
	Masking Projection Screen
	LCR soundbar
	LR soundbar
	Bookshelf Speaker
	Tower Speaker
	On-Wall Speaker
	Amplified Subwoofer
	Rock Speaker
	Landscape Speaker
	Passive Subwoofer
	Pendant Speaker
	In-Wall Speaker
	In-Ceiling Speaker
	Junction Box

~all data port & WAP wiring to SW enclosure ~all TV, camera & touchpanel wiring to system HE	
Environmental	
	Thermostat
	Humidistat
	Thermostat/Humidity Sensor
	Temperature Sensor
	Humidity Sensor
	Temperature/Humidity Sensor
	Junction Box



Central Vacuum	
	Vacuum Power Unit
	Vacuum Toe-Kick Inlet
	Vacuum Inlet

Control	
	Keypad
	Touch Pad
	Touchpanel
	Volume Control
	Voice Control Module

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

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

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

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



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



NOTICE:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE PERMISSION OF NEUWAVE SYSTEMS TO ALTER OR COPY ANY PART OF THIS DOCUMENT IN ANY WAY. THIS DOCUMENT IS THE PROPERTY OF NEUWAVE SYSTEMS AND SHALL NOT BE DUPLICATED WITHOUT WRITTEN PERMISSION FROM NEUWAVE SYSTEMS.

TITLE

303 BICKETT BLVD

DESCRIPTION

AV FLOOR PLAN - 2ND FLOOR

DRAWN BY

LEONARD MAXWELL

DATE

8/7/2025

REVISED

8/26/2025

SCALE

ACCOUNT NUMBER

16423

PAGE

3 OF 3