

DEVICE CATEGORY COLORS

AND	COM	LTV	VAC
AUDIO	COMMUNICATIONS LIGHTING	TV	VACUUM
VID	POW	SHD	FUR
VIDEO	POWER	SHADES	FURNISHINGS
CON	SW	HW	IRE
CONTROL	HVAC	HARDWARE	IRE
NET	SW	ACE	SEC
NETWORK	SURVEILLANCE	ACCESS	SECURITY
		CONTROL	ALARM

DEVICE STATUS

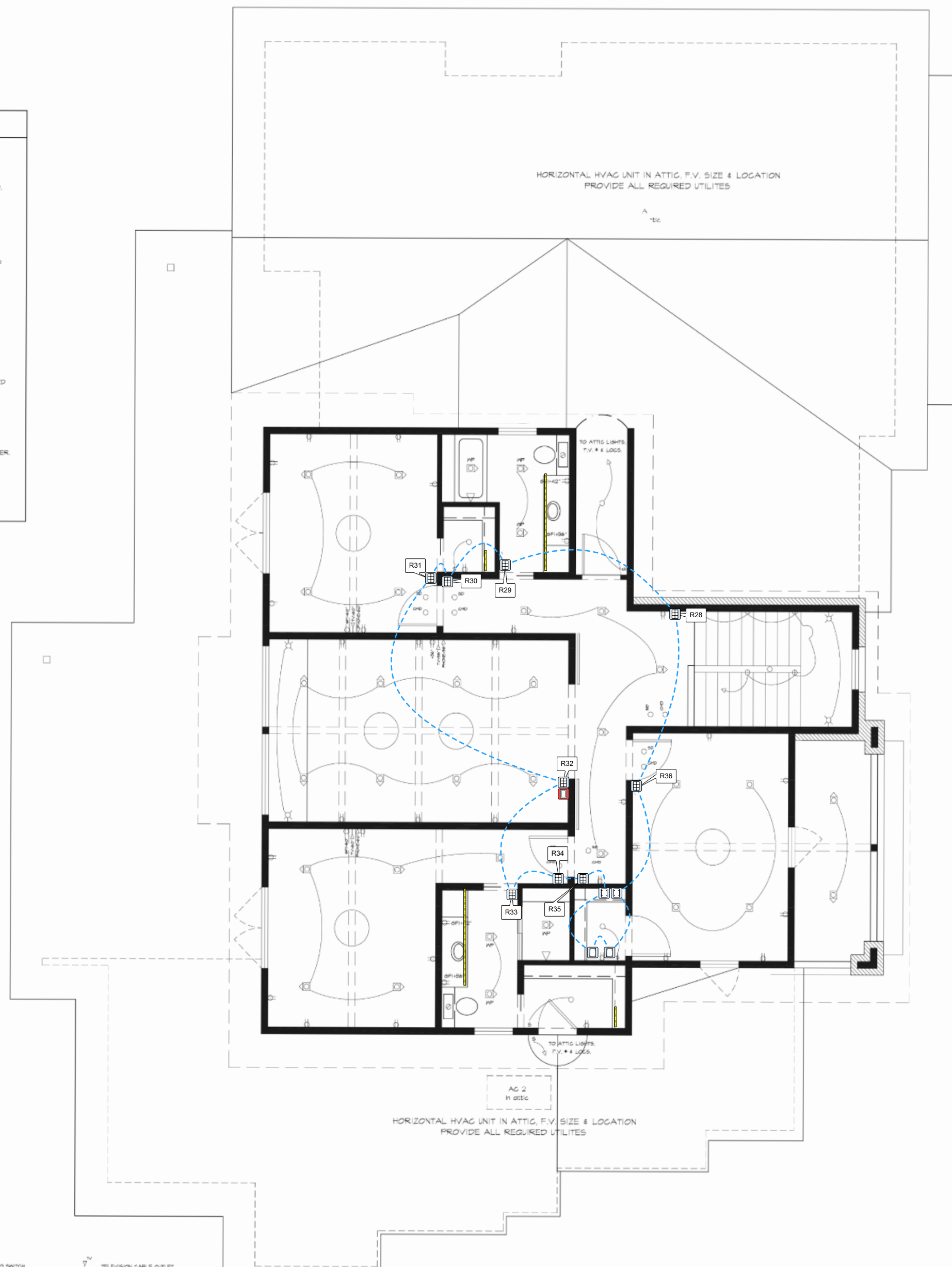
NEW	EXISTING	FUTURE
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DEVICE MOUNT TYPE ABBREVIATIONS

C = CEILING	POD = POOLM
DES = DESKTOP	POL = POLE
FL = FLOOR	RM = RACK
F = FLUSH	R = ROOF
G = GROUND	REC = RECESSED
H = HIDDEN	SH = SHELF
M = MULLION	S = SURFACE
O = OUTDOOR	T = TURNSTILE
P = PEDISTAL	W = WALL

WALTER S. TOOLE
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 11004 RYAN DRIVE, ROUND ROCK, TEXAS 78681
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- ELECTRICAL NOTES:**
- COORDINATE INSTALLATION OF ELECTRICAL ITEMS IN DUCTS, RISERS, SHELLES & FRAMING. WHERE ITEMS ARE SHOWN TO ALIGN OR BE CENTERED ON A WINDOW, DOOR, ETC., THEY ARE TO BE SO INSTALLED, EVEN IF IT REQUIRES MODIFYING FRAMING MEMBERS. IN CASE OF A CONFLICT BETWEEN THESE TRADES, NOTIFY THE DESIGNER BEFORE PROCEEDING. IF AN OUTLET IS SHOWN UNDER A WINDOW, ASSUME IT IS TO BE CENTERED, UNLESS NOTED OTHERWISE.
 - ELECTRICAL WALL OUTLETS, TELEPHONE OUTLETS & TELEVISION CABLE OUTLETS ARE TO BE INSTALLED AT 12" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. VERIFY MOUNTING HEIGHTS OF LIGHT SWITCHES w/ THE DESIGNER & OWNER.
 - IF FLOOR OUTLETS ARE SHOWN WITHOUT SPECIFIC LOCATIONS DIMENSIONS, VERIFY LOCATIONS w/ THE DESIGNER & OWNER.
 - REFER TO INTERIOR & EXTERIOR ELEVATIONS FOR SPECIFIC MOUNTING LOCATIONS OF WALL LIGHTS. WHERE A DIMENSION ABOVE FINISHED FLOORING IS SHOWN, IT IS MEASURED TO THE CENTER OF THE ELECTRICAL BOX. WHERE ITEMS ARE TO BE INSTALLED IN MASONRY VENEER, COORDINATE THE MOUNTING OF THE ELECTRICAL BOXES w/ THE MASON.
 - WHERE ITEMS ARE NOTED TO BE STUBBED TO THE OUTSIDE OF THE BUILDING FOR FUTURE USE, FIELD VERIFY LOCATIONS w/ THE DESIGNER & PROVIDE A WATERPROOF JUNCTION BOX. THESE WILL ONLY BE ACCEPTED w/ LOCATIONS APPROVED BY THE DESIGNER.
 - FIELD VERIFY ALL OUTLET HEIGHTS & POWER REQUIREMENTS FOR ALL APPLIANCES.
 - FIELD VERIFY ALL RHEOSTAT LOCATIONS.



<ul style="list-style-type: none"> ⊙ SMALL LIGHT MOUNTED MISC. UPPER CABINET, F.V. SIZE & LOCATION ⊙ RECESSED DOWNLIGHT ⊙ RECESSED DOWNLIGHT WALL FASHER ⊙ WALL-MOUNTED LIGHT FIXTURE ⊙ FOOTLIGHTS ⊙ PIN SPOT LIGHT FIXTURE 	<ul style="list-style-type: none"> ⊙ FLOOR LIGHT ON MOTION SENSOR & SWITCH ⊙ HVAC THERMOSTAT ⊙ GAS OUTLET ⊙ WATER OUTLET ⊙ JUNCTION BOX ⊙ VENT w/ HEATER (WHERE NOTED) 	<ul style="list-style-type: none"> ⊙ FLUORESCENT LIGHT FIXTURE ⊙ LIGHT SWITCH ⊙ 3-WAY LIGHT SWITCH ⊙ 4-WAY LIGHT SWITCH ⊙ DIMMER SWITCH (W/RECEP) ⊙ PUSH-BUTTON SWITCH 	<ul style="list-style-type: none"> ⊙ TELEVISION CABLE OUTLET ⊙ DOOR CHIMES ⊙ SPEAKER WALL OR CEILING MOUNTED AS NOTATED ⊙ SMOKE DETECTOR (WALL OR CEILING MOUNTED AS NOTATED) ⊙ CO2 CARBON MONOXIDE DETECTOR (WALL OR CEILING MOUNTED AS NOTATED) ⊙ CEILING-MOUNTED LIGHT FIXTURE (LETTER TO CATED TYPE) ⊙ TELEPHONE OUTLET 	<ul style="list-style-type: none"> ⊙ CEILING FAN w/ LIGHT KIT ⊙ CEILING FAN ON RECEPT ⊙ LIGHT ON RHEOSTAT ⊙ VERIFY SIZE w/ OWNER ⊙ TRACK LIGHT w/ 110V "UNIVERSAL" LAMPS ⊙ UNDERCOUNTER LIGHTS (STRIP HALOGENS) ⊙ UNDERCOUNTER PLUS STRIP ⊙ PUSH-IN LOW-VOLTAGE HALOGEN STRIP w/ REMOTE TRANSFORMER
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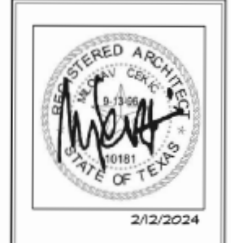
1 UPPER FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

NOTE: Provide Smoke Alarms - hard-wired, interconnected, battery backup, at each sleeping room & immediate common area outside of sleeping rooms, located at not less than 3 feet from a door to a bathroom with tub or shower except when the requirement will prevent the installation of a smoke alarm in a required location; AND if applicable on each additional story including basements & habitable attic. Also note that interconnection of smoke alarms in existing areas shall not be required where alterations/repairs do not result in removal of interior wall or ceiling finishes exposing the structure, meet Detector in garage's LD Smoke Detector.

NOTE: Provide Carbon Monoxide Alarms - hard-wired with battery backup, installed outside of each sleeping area. In the immediate vicinity of the bedrooms in dwelling units with fuel-fired appliances are noted & for have an attached garage.

NOTE: Provide electrical power & switches at every window & exterior door that is not inside a shower for Solar Shades.

NOTE: CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR COMMENCING ANY DEMO OR NEW WORK. ANY & ALL DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF DESIGNER & OWNER.



DATE: **Oct. 31, 2022**
 DRAWN BY: **WST**
 CHECKED BY:
 REVISED:
 REVISED:
 REVISED:
 SHEET: **Sept. 10, 2024**

E.2

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TITLE	PROJECT TITLE
DESCRIPTION	KP-F2
PROJECT MANAGER	
DRAWN BY	
DATE	11/14/2025
REVISED	11/14/2025
NEXT WIRE NO.	0
SCALE	1/8" = 1'-0"
PROJECT NUMBER	
PAGE	3 OF 51

DEVICE CATEGORY COLORS

Audio	Communications	Lighting	Vacuum
Video	Power	Shades	Furniture
Control	AVAC	Hardware	Fire
NET	Surf	Access	Security/Alarm
Network Surveillance	Surveillance	Access Control	Security Alarm

DEVICE STATUS

NEW	EXISTING	FUTURE
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TITLE
PROJECT TITLE

DESCRIPTION
AV-F1

PROJECT MANAGER

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DATE
11/14/2025

REVISED
11/14/2025

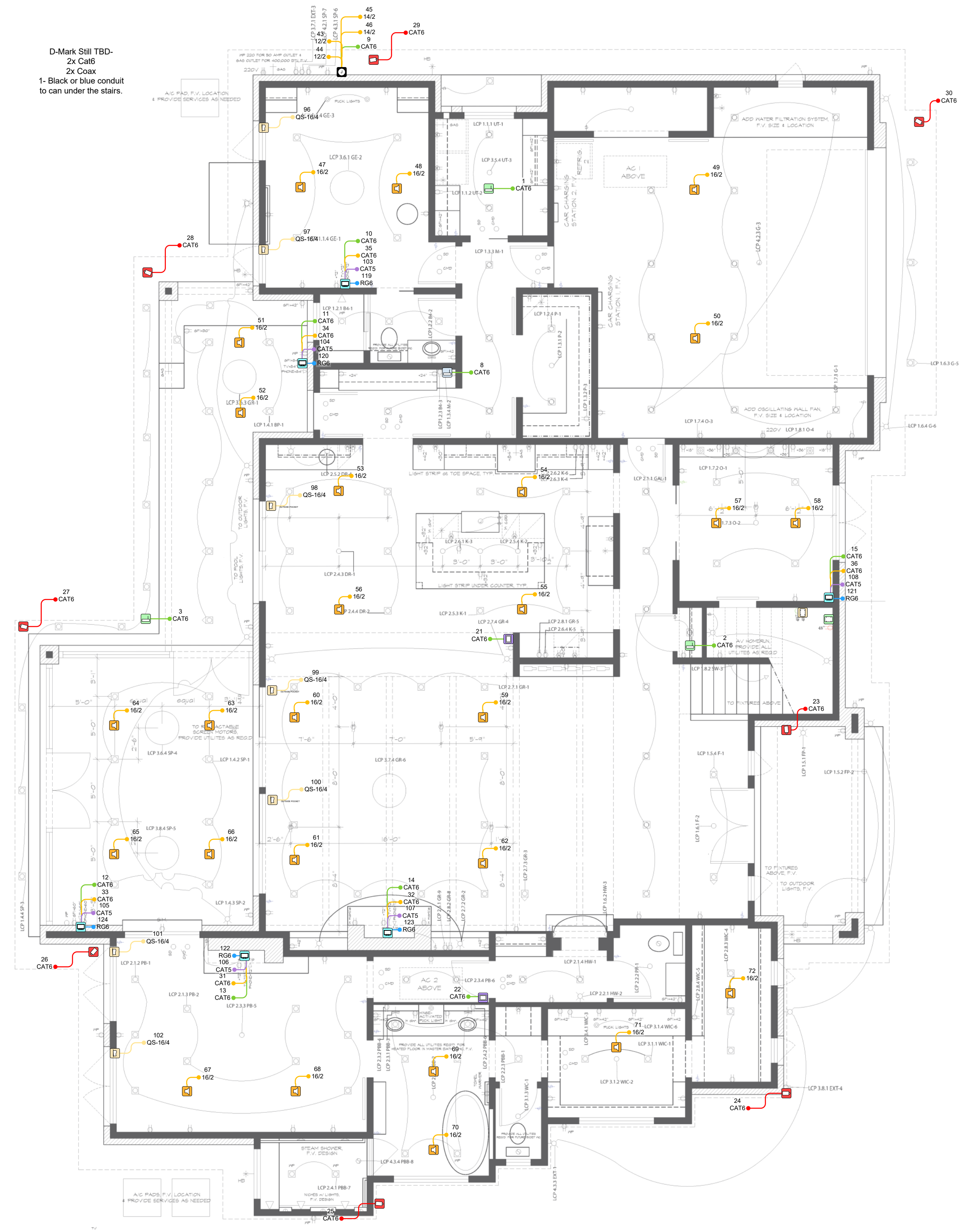
NEXT WIRE NO.
0

SCALE
1/8" = 1'-0"

PROJECT NUMBER

PAGE
4 OF 51

D-Mark Still TBD-
2x Cat6
2x Coax
1- Black or blue conduit
to can under the stairs.



DEVICE CATEGORY COLORS

AMB	COM	LTR	VAC
AUDIO	COMMUNICATIONS LIGHTING	VIDEO	VACUUM
VID	POW	SHD	FURN
VIDEO	POWER	SHADES	FURNISHINGS
CON	HW	HW	HW
CONTROL	HW	HW	HW
NET	SEC	SEC	SEC
NETWORK	SURVEILLANCE	ACCESS	SECURITY
		CONTROL	ALARM

DEVICE STATUS

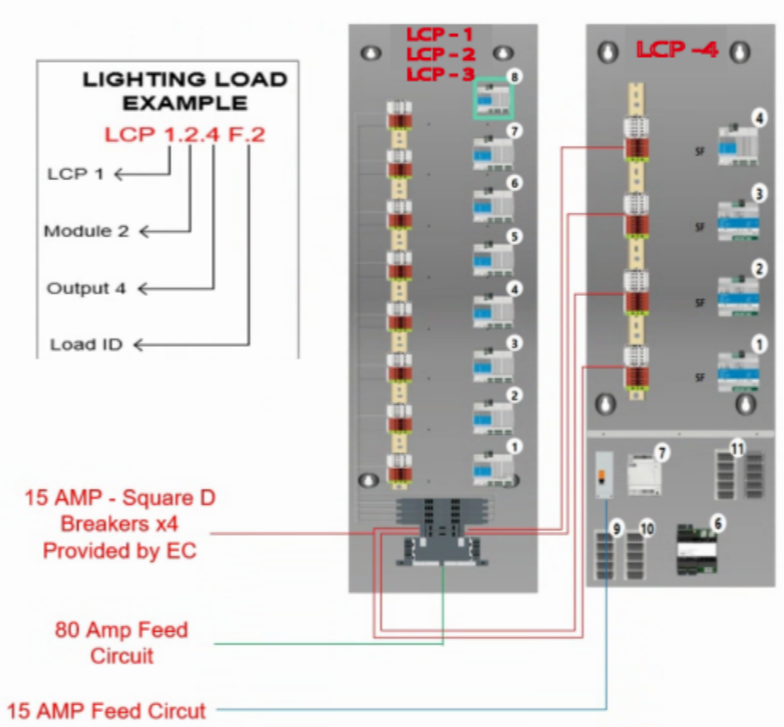
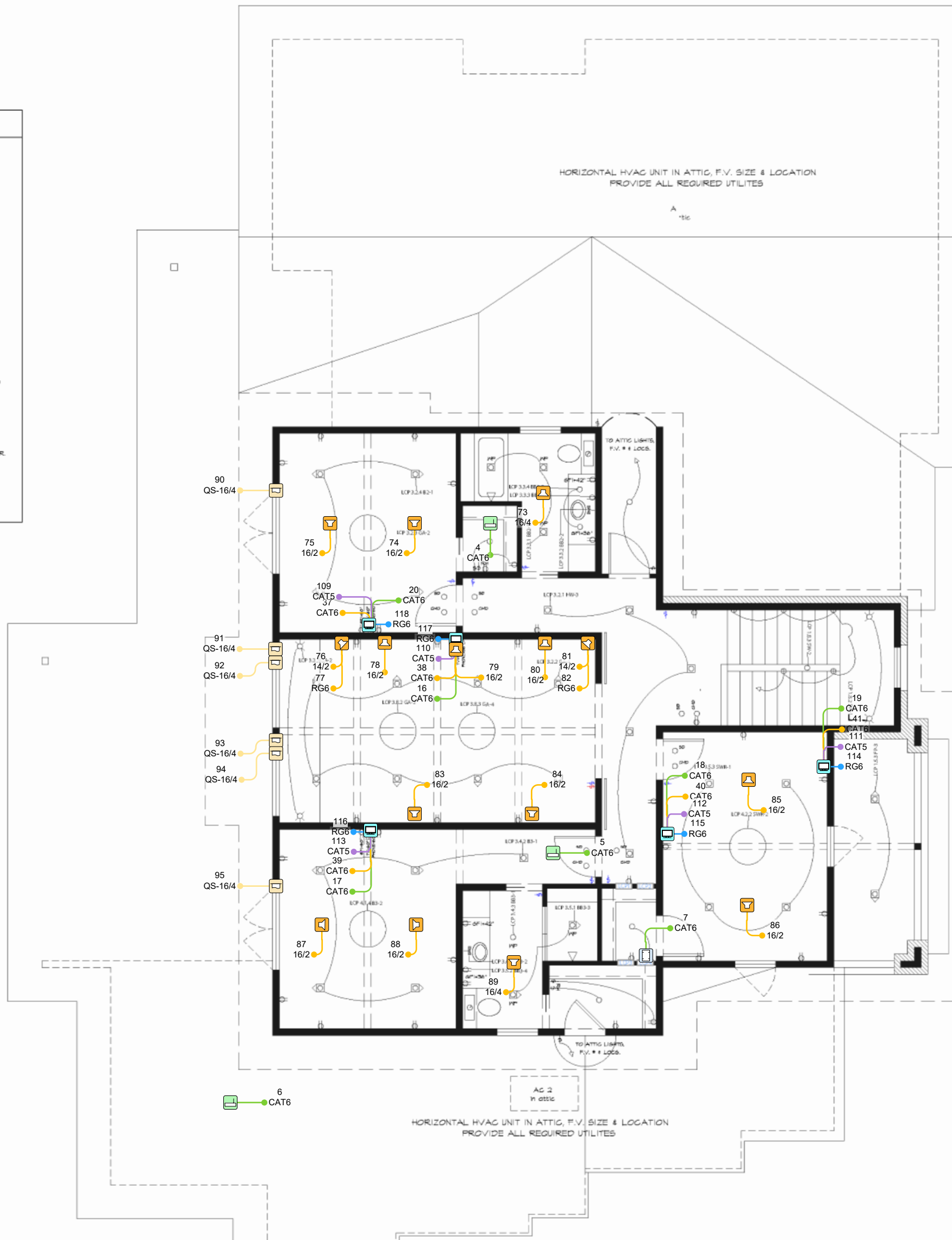
NEW	EXISTING	FUTURE
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- ELECTRICAL NOTES:**
- COORDINATE INSTALLATION OF ELECTRICAL ITEMS IN DOORS, RECEPTS, GRILLES & FRAMING. WHERE ITEMS ARE SHOWN TO ALIGN OR BE CENTERED ON A WINDOW DOOR, ETC., THEY ARE TO BE SO INSTALLED UNLESS OTHERWISE NOTED. VERIFY HEIGHTS OF LIGHT SWITCHES BY THE DESIGNER & OWNER. IN CASE OF A CONFLICT BETWEEN THESE TRADES, NOTIFY THE DESIGNER BEFORE PROCEEDING. IF AN OUTLET IS SHOWN UNDER A WINDOW, ASSUME IT IS TO BE CENTERED UNLESS NOTED OTHERWISE.
 - ELECTRICAL WALL OUTLETS, TELEPHONE OUTLETS & TELEVISION CABLE OUTLETS ARE TO BE INSTALLED AT 12" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. VERIFY HEIGHTS OF LIGHT SWITCHES BY THE DESIGNER & OWNER.
 - IF FLOOR OUTLETS ARE SHOWN WITHOUT SPECIFIC LOCATIONS DIMENSIONED, VERIFY LOCATIONS BY THE DESIGNER & OWNER.
 - REFER TO INTERIOR & EXTERIOR ELEVATIONS FOR SPECIFIC MOUNTING LOCATIONS OF WALL LIGHTS. WHERE A DIMENSION ABOVE FINISHED FLOORING IS SHOWN, IT IS MEASURED TO THE CENTER OF THE ELECTRICAL BOX. WHERE ITEMS ARE TO BE INSTALLED IN MASONRY VENEER, COORDINATE THE HEIGHTS OF THE ELECTRICAL BOXES BY THE MASON.
 - WHERE ITEMS ARE NOTED TO BE SHIPPED TO THE OUTSIDE OF THE BUILDING FOR FUTURE USE, FIELD VERIFY LOCATIONS BY THE DESIGNER & PROVIDE A WATERPROOF JUNCTION BOX. THESE SHALL ONLY BE ACCEPTED IN LOCATIONS APPROVED BY THE DESIGNER.
 - FIELD VERIFY ALL OUTLET HEIGHTS & POWER REQUIREMENTS FOR ALL APPLIANCES.
 - FIELD VERIFY ALL RECEPT locations.



□ DUPLEX CONVENIENCE OUTLET	□ FLOOR OUTLET IN BRASS COVER PLATE FLUSH IN FLOOR FINISH	□ TELEVISION CABLE OUTLET
□ SHADPOLEX CONVENIENCE OUTLET	□ FLOOR TELEPHONE OUTLET IN BRASS COVER PLATE FLUSH IN FLOOR FINISH	□ DOOR CHIMES
□ 220 VOLT OUTLET	□ FLOOR TELEPHONE & ELECTRICAL OUTLET IN BRASS COVER PLATE FLUSH IN FLOOR FINISH	□ SPEAKER IN WALL OR CEILING (HEAVY DUTY AS DESIGNATED)
□ APPLIANCE CONNECTION (VERIFY REQUIREMENTS BY APPLIANCE)	□ FLOOR TELEVISION & ELECTRICAL OUTLET IN BRASS COVER PLATE FLUSH IN FLOOR FINISH	□ SHOWER DETECTOR (SHALL OR CEILING HEIGHTS AS INDICATED)
□ OUTLET IN WATERPROOF COVER	□ TELEPHONE OUTLET	□ CEILING MOUNTED LIGHT FIXTURE (LETTER INDICATED TYPE)
□ OUTLET IN BRASS PAINT INTERFILL	□ TELEPHONE OUTLET	□ KEYPADS
		□ PULL
		□ TOUCH SCREEN
○ SMALL LIGHT MOUNTED UNITS	○ FLOOD LIGHT ON RECTOR BEAM & SWITCH	○ CEILING FAN W/ LIGHT KIT
○ RECESSED DOWNLIGHT	○ HAZD THROTTLE/STAT	○ CEILING FAN ON RECTOR BEAM
○ RECESSED DOWNLIGHT PULL PUSHER	○ GAS OUTLET	○ LIGHT ON RECEPT
○ WALL-MOUNTED LIGHT FIXTURE	○ WATER OUTLET	○ VENT FAN ON RECTOR BEAM
○ FOOT CANDLE	○ JUNCTION BOX	○ DIMMER SWITCH (RECEPT)
○ PULL SPOT LIGHT FIXTURE	○ VENT IN RECTOR BEAM (NOTED)	○ PUSH-TO-ON SWITCH
		○ TRACK LIGHT AT 150° (UNIVERSAL LAMPS)
		○ UNDERCOUNTER LIGHTS (SEEP HALOGENS)
		○ UNDERCOUNTER PLUS STRIP
		○ PULL-IN LOW-VOLTAGE HALOGEN STRIP W/ REMOTE TRANSFORMER

UPPER FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

NOTE: Provide Smoke Alarms - hard-wired, interconnected, battery backup, at each sleeping room & immediate common area outside of sleeping rooms, located at least 3' from a door to a bedroom with tub or shower except when this requirement will prevent the installation of a smoke alarm in a required location, AND if applicable, on each additional story including basements & habitable attics. Also note that interconnection of smoke alarms in existing areas shall not be required where alterations/repairs do not result in removal of interior wall or ceiling finishes exposing the structure. Install Detector in garage's LID Smoke Detector.

NOTE: Provide Carbon Monoxide Alarms - hard-wired with battery backup, installed outside of each sleeping area in the immediate vicinity of the bedrooms in dwelling units with which fuel-fired appliances are installed &/or have an attached garage.

NOTE: Provide electrical panel & switches at every kitchen & exterior door that is not inside a shower for Solar Shades.

NOTE: CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY DEMO OR NEW WORK. ANY & ALL DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF DESIGNER & OWNER.



DATE: Oct. 31, 2022
DRAWN BY: WST
CHECKED BY:
REVISED:
REVISED:
REVISED: Sept. 10, 2024
SHEET

E.2

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TITLE	PROJECT TITLE
DESCRIPTION	AV F-2
PROJECT MANAGER	
DRAWN BY	
DATE	11/14/2025
REVISED	11/14/2025
NEXT WIRE NO.	0
SCALE	1/8" = 1'-0"
PROJECT NUMBER	
PAGE	5 OF 51

DEVICE CATEGORY COLORS

AMB	COM	LTV	VAC
AUDIO	COMMUNICATIONS	LIGHTING	VACUUM
VID	PHN	SHD	FLUR
VIDEO	PHONE	SHADES	FURNISHINGS
CON	SEC	HOW	SEC
CONTROL	SECURITY	HOWEVER	SECURITY
NET	SUB	AGE	SEC
NETWORK	SUBSYSTEM	AGE	SECURITY
INFRASTRUCTURE			

DEVICE STATUS

NEW	EXISTING	FUTURE
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DEVICE MOUNT TYPE ABBREVIATIONS

C = CEILING
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TITLE

PROJECT TITLE

DESCRIPTION

NETWORKTAGS

PROJECT MANAGER

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DATE

11/14/2025

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NEXT WIRE NO.

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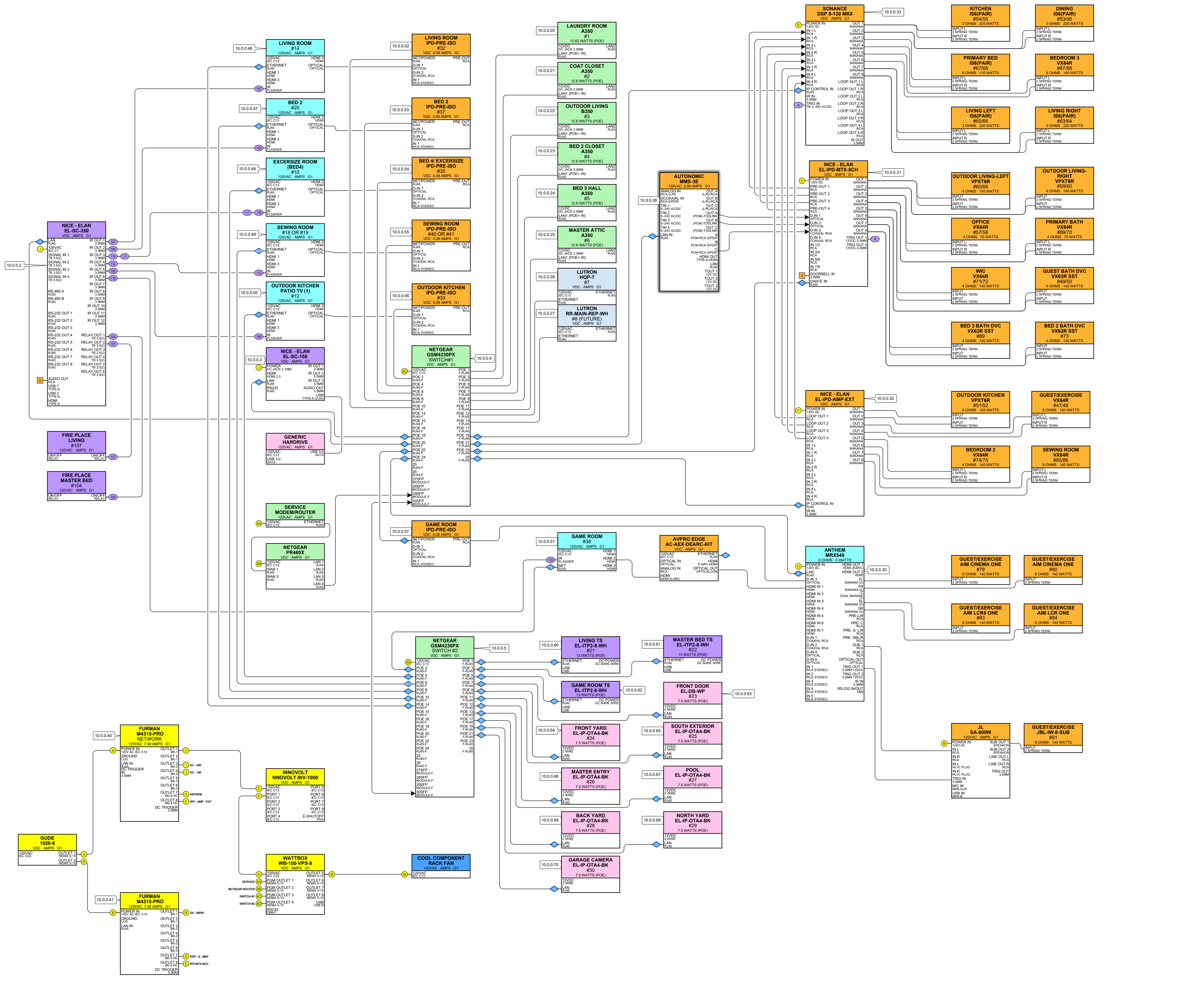
SCALE

NONE

PROJECT NUMBER

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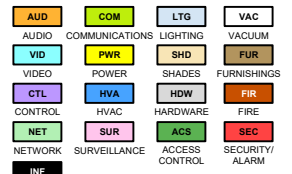
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AV CONNECT
 1503 BRANDI LANE
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 (512) 354-2099
 AVCONNECTAUSTIN.COM

DEVICE CATEGORY COLORS



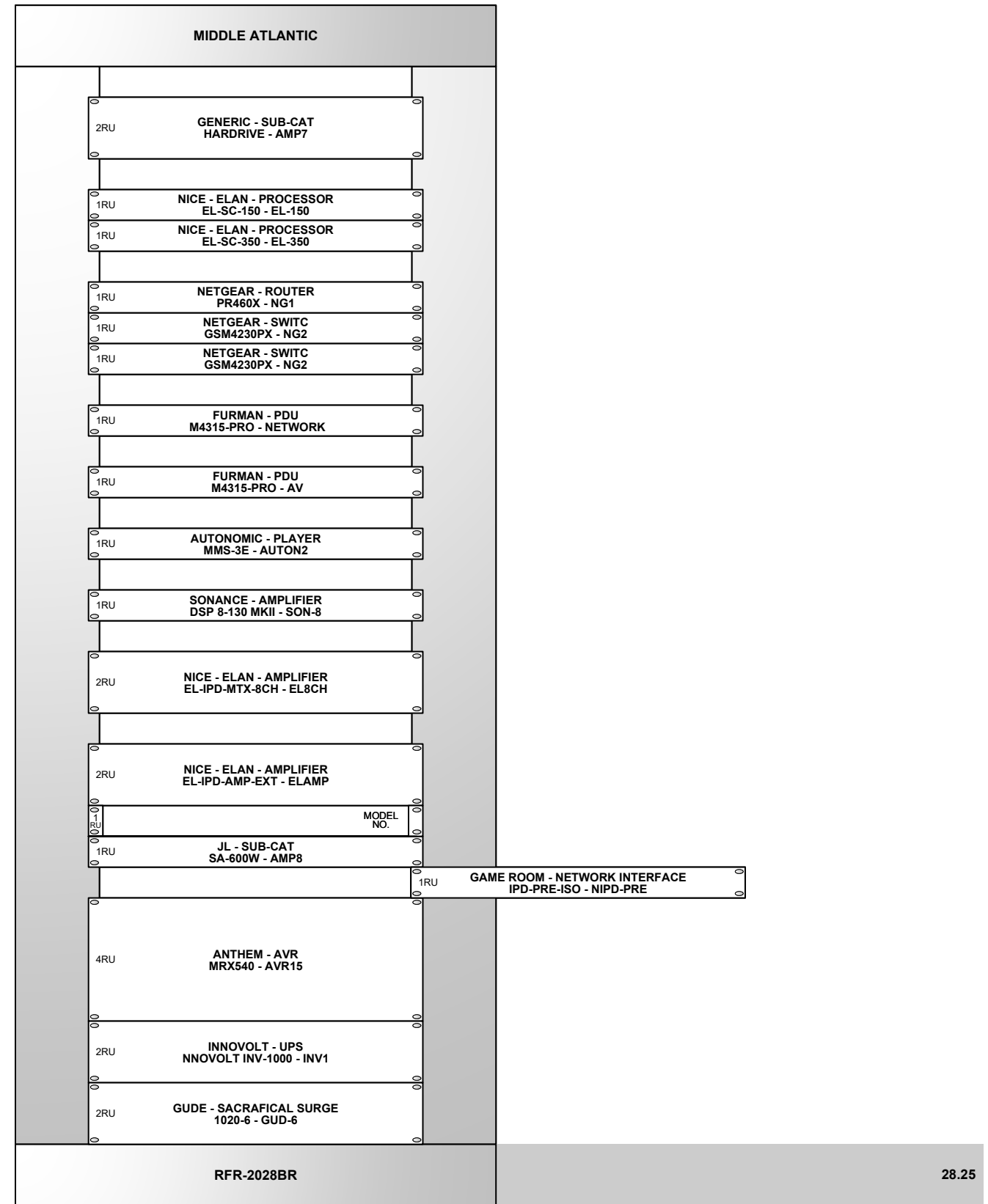
DEVICE STATUS



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TITLE
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DESCRIPTION
RACK ELEVATIONS C

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DATE
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SCALE
 1 1/2" = 1'-0"

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PAGE
 8 OF 51