

This electrical plan for 10412 Laurel Ridge Way, Fredericksburg, VA, has been developed in strict adherence to all applicable and updated codes and regulations. The following standards have been meticulously followed:

1. 2021 Virginia Uniform Statewide Building Code (USBC): Effective January 18, 2024, the USBC incorporates the 2021 International Building Code (IBC) and other 2021 International Codes, ensuring compliance with statewide building regulations.

2. 2021 International Residential Code (IRC): Referenced by the USBC, the IRC provides comprehensive guidelines for residential construction projects.

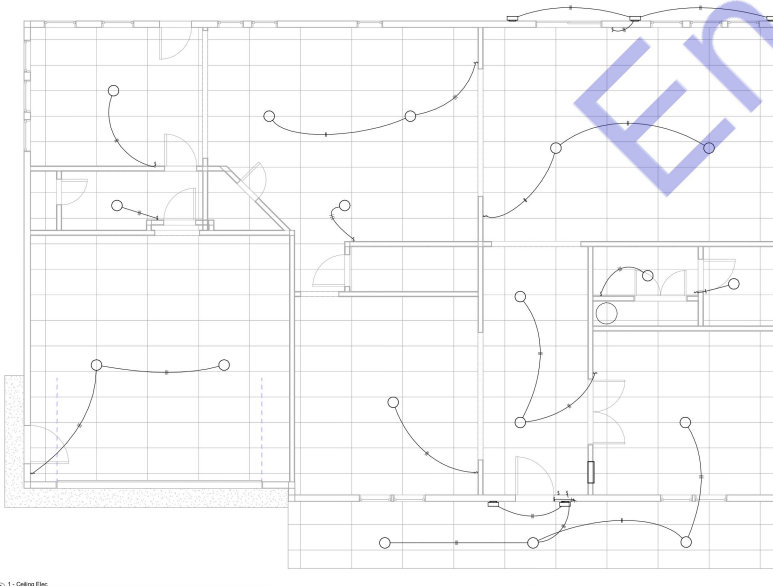
3. 2020 National Electrical Code (NEC): Adopted by Virginia as part of the 2021 USBC, the 2020 NEC sets the standard for safe electrical design, installation, and inspection to protect people and property from electrical hazards.

4. City of Fredericksburg Electrical Regulations: Local ordinances regulate the construction, erection, maintenance, and alteration of electrical conduits, poles, and other fixtures within city limits, ensuring safety and compliance with municipal standards.

5. Virginia Administrative Code – Electrical Requirements: Specific provisions, such as those in 13VAC5-63-540, outline mechanical and electrical requirements to ensure safety and compliance in electrical installations.

6. VA, USA Product Approval Codes: All electrical products and materials specified in this plan meet or exceed the product approval standards mandated by Virginia state regulations, ensuring quality and safety in all installations.

By adhering to these updated codes and regulations, this electrical plan ensures the safety, reliability, and compliance of all electrical installations for the specified property.



① 1 - Ceiling Elec.
330' = 1' 0"

	20W CEILING MOUNT LED LIGHT
	20W HANGING LED LIGHT
	SMOKE DETECTOR
	20W LED TUBE LIGHT Fix
	4W LED LIGHT Fix
	ONE WAY SWITCH 20W
	MULTI SOCKET OUTLET 20W
	10W WALL MOUNTED LED LIGHT
	6W CEILING FAN 20W
	SUB DISTRIBUTION BOARD
	MAIN DISTRIBUTION BOARD
	AUX BATHROOM EXHAUST FAN
	CALLING BELL

Electrical Legends
1/4" = 1'-0"



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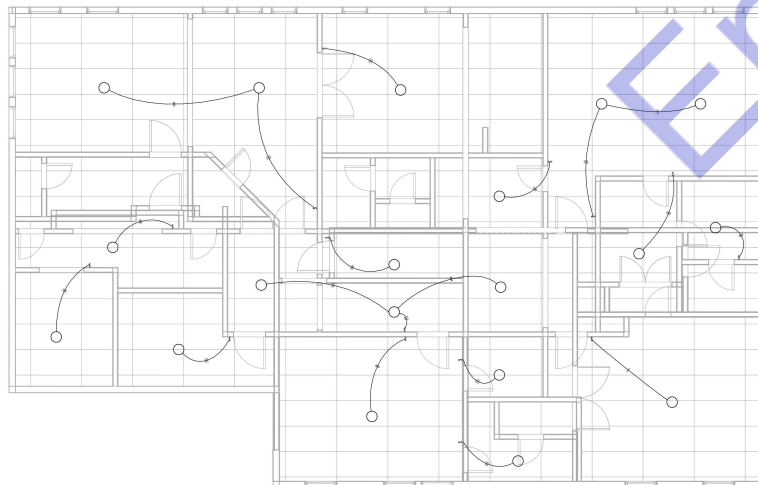
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10412 Laurel Ridge Way
Fredericksburg, VA 22408

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

E. 1

Scale	As indicated
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Owner

10412 Laurel Ridge Way
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Second Floor Electrical Lighting Plan

Project Number	Project Number
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E. 2

Scale $3/8" = 1'-0"$



Electrical Legend
144 - 11/08



Scale	As indicated
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Second Floor Electrical Power Plan

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E. 4

Scale $3/8" = 1'-0"$

By adhering to these codes and standards, this HVAC plan ensures safety, efficiency, and compliance with all applicable regulations for the specified location in Fredericksburg, VA.



○ Exhaust Fan Schedule
1/4" = 1'-0"

HVAC Legend

- Air Supply Diffuser
- Air Return Diffuser
- Air Exhaust Grill
- Air Handling Unit

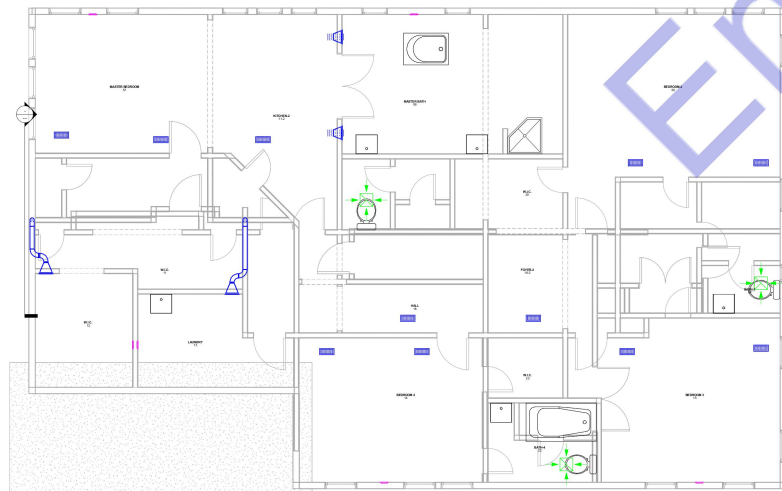


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10412 Laurel Ridge Way
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First Floor HVAC Plan

Scale	As indicated
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Second Floor HVAC Plan

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Scale $3/8" = 1'-0"$



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3D HVAC Plan

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H. 3

Scale

This plumbing plan for 10412 Laurel Ridge Way, Fredericksburg, VA, has been developed in strict adherence to the latest applicable codes and regulations to ensure safety, functionality, and compliance. The following codes and standards have been meticulously followed:

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① 1-Fluorbenzol
MW = 106.12



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Scale	As indicated
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Second Floor Plumbing Plan

Project Number	Project Number
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P. 2

Scale $3/8" = 1'-0"$



Designed By Engr. Al Amin (MEP Engineer | Director - Engineer's Team LTD)

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