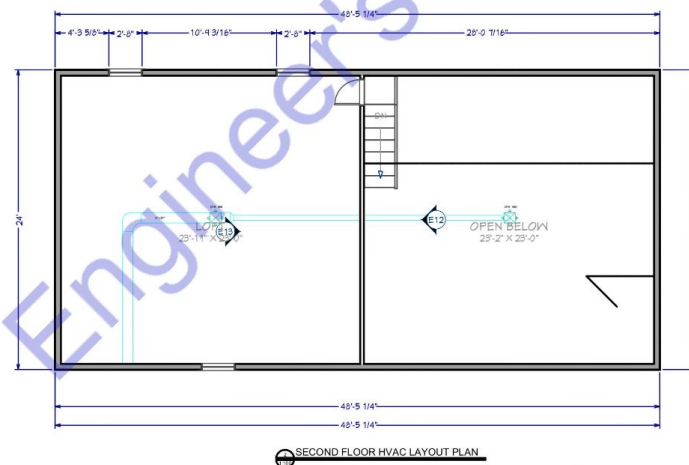
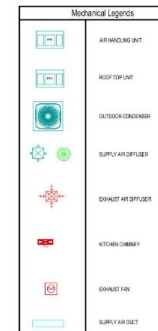
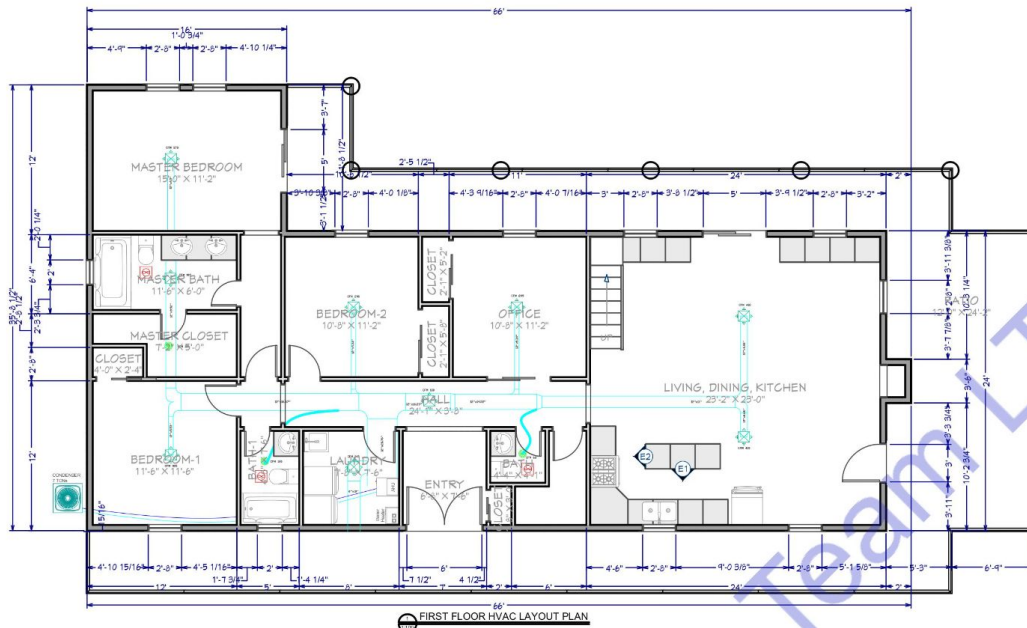




Note:

This HVAC plan has been designed to fully comply with the updated codes and regulations for the location specified, ensuring safe and efficient system operation. The following codes and standards have been applied:

1. International Mechanical Code (IMC) - 2018 Edition Compliance with the IMC is required under Texas state guidelines, addressing ventilation, ductwork, exhaust, and mechanical system requirements essential for health and safety.
2. International Fuel Gas Code (IFGC) - 2018 Edition This code regulates gas piping installations, including the supply of fuel for HVAC systems, ensuring safe handling and containment within the design.
3. International Energy Conservation Code (IECC) - 2018 Edition The plan incorporates the IECC standards for energy efficiency, which guide the insulation, ventilation, and mechanical system controls to optimize energy use in heating, cooling, and ventilation operations.
4. Uniform Mechanical Code (UMC) - 2018 Edition As per Texas Administrative Code, Title 16, Rule 875.100, either the IMC or UMC may be adopted; for this project, UMC requirements were considered to further align with HVAC best practices.
5. Each aspect of the HVAC system design adheres to the above codes, reflecting a commitment to quality, safety, and compliance with Texas Department of Licensing and Regulation (TDLR) standards.

This document ensures that the HVAC plan meets local and state regulatory requirements, offering a foundation for safe installation and operation.

EXHAUST FAN SCHEDULE

MARK	SERVING	CFM	SP	WATTS	RPM	VOLTAGE	MAKE MODEL	NOTES	FAN TYPE
EF-1	BATHROOM	50	-	50	460	120/60/1	Brown/Tone 688		IN-LINE
EF-2	KITCHEN	1600	-	78	1291	115/60/1	HODSMART 280-1600-FF		IN-LINE

NOTES:
1. COMPLETE V/BACKDRIFT DAMPER.
2. PROVIDE THERMOSTATIC CONTROL DEVICES.
3. INTERLOCK TO OPERATE WHENEVER RTU'S OPERATE.
4. MAINTAIN A MINIMUM CLEARANCE OF 36" FROM ALL INTAKE AIR FANS AND ALL ROOF TOP UNITS OUTSIDE AIR INTAKE OPENINGS.



ENGINEER'S TEAM

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OWNER:

8090 County Road 293 Hico
Texas, 76457

SEAL:

Release for construction

HVAC LAYOUT PLAN

Drawn by: Engr. Al Amin

Checked: NOV, 24.

H. 1

Scale: 1:100



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

 support@engrteam.com

 <https://engrteam.com>

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