

Harnett County Central Permitting

PO Box 65 Lillington, NC 27546 - Ph: 910-893-7525 - Fx: 910-893-2793 - www.harnett.org/permits

**Certification of Work Performed By Owner/Contractor
(Individual Trade Application)**

Owner (s) of Structure: Jose & Elsa FERNANDEZ Phone: 919-930-5564

Owner (s) Mailing Address: 4675 Olivia Road

Land Owner Name (s): Jose & Elsa FERNANDEZ Phone: 919-930-5564

Construction or Site Address: 4675 Olivia Road

PIN # 9568-25-1024.000 Parcel # 099568 0114

Job Cost: 17,910.00 Description of Work to be done _____

C/O & R/C 2.0 ton Duel fuel package unit and duct system (package.crawlspace) like for like

Mechanical: New Unit With Ductwork New Unit Without Ductwork Gas Piping Other

Electrical*: 200 Amp <200 Amp Service Change Service Reconnect Other
* For Progress Energy customers we need the premise number

Plumbing: Water/Sewer Tap Number of Baths Water Heater

Specific Directions to Job from Lillington:
see attached

Subdivision: 7 ACRE PERKINS CENTER LOT Lot #: _____

I Comfort First Heating & Coolin will provide the MECHANICAL / ELECTRICAL labor on this structure.
(Contractors Name) (Trade)

I am the building owner or my NC state license number is 18855/ 21474, which entitles me to perform such work on the above structure legally. All work shall comply with the State Building Code and all other applicable State and local laws, ordinances and regulations.

Comfort First Heating & Cooling
Contractor's Company Name
7001 Lark Lane, Sanford NC 27332
Address
18855 / 21474
License # _____

919-569-5161
Telephone
installadmin@yourcomfortfirst.com
Email Address

Structure Owner / Contractor Signature: Jimmy Pierce Joel Worsham Date: 10/29/20

By signing this application you affirm that you have obtained permission from the above listed license holder to purchase permits on their behalf. If doing the work as owner you understand that you cannot rent, lease or sell the listed property for 12 months after completion of the listed work.

***Company name, address, & phone must match information on license**

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual and automated processes, as well as the use of specialized software tools. The goal is to ensure that the data is both reliable and easy to interpret.

The third part of the document focuses on the results of the analysis. It shows that there is a clear trend in the data, which suggests that the current approach is effective. However, there are still some areas where improvement is needed, particularly in terms of data collection and analysis.

The fourth section discusses the challenges faced during the process. One of the main issues was the lack of standardized data formats, which made it difficult to compare results across different sources. Another challenge was the limited availability of resources, which restricted the scope of the analysis.

Despite these challenges, the project was completed successfully. The data collected provides a solid foundation for further research and development. It also highlights the need for better data management practices and more standardized reporting formats.

The final part of the document provides a summary of the findings and offers some recommendations for future work. It suggests that more data should be collected and analyzed to confirm the trends observed. Additionally, it recommends the use of more advanced analytical tools to improve the accuracy and efficiency of the process.

In conclusion, this document provides a comprehensive overview of the data analysis process. It shows that while there are challenges, the process can be managed effectively with the right tools and techniques. The results of the analysis are promising and provide valuable insights into the current state of the data.

The author hopes that this document will be helpful to others who are interested in data analysis. It also serves as a record of the work done and the findings of the project.

The document is a detailed report on the data analysis process. It covers the entire process from data collection to the final results. The author provides a clear and concise explanation of each step, making it easy to understand the process.

The report is well-organized and easy to read. It includes a clear introduction, a detailed description of the methods used, and a thorough analysis of the results. The author also provides a clear conclusion and offers some useful recommendations for future work.

ENERGY EFFICIENCY CERTIFICATE

401.9

Builder, Permit Holder or Registered Design Professional

Print Name: Comfort First

Signature:

Property Address:

4675 Olivia Rd Sanford

Insulation Rating - List the value covering largest area to all that apply

Ceiling/Roof	R-
Wall	R-
Floor	R-
Closed Crawl Space Wall	R-
Closed Crawl Space Floor	R-
Slab	R-
Basement Wall	R-

Fenestration:

U-Factor	
Solar Heat Gain Coefficient (SHGC)	

Building Air Leakage

ACH50) (Target 5.0)	
CFM50/SFSA (Target .30)	0.00

Name of Tester - Company	Performance Home Systems
Michael Atwood	Envelop Professional
4-Dec-20	BPI ID# 5028752
	910-723-2741

DUCTS

Insulation	R-8
Total Duct Leakage Test Result (sec.403.2.2)	3.93
CFM25 Total /100SF [Target 6]	0.00
CFM25 Total /100SF [Target 6]	0.00
CFM25 Total /100SF [Target 6]	0.00

Name of Tester - Company	Performance Home Systems
Michael Atwood	Envelop Professional
4-Dec-20	BPI ID# 5028752
	910-723-2741



Performance Home Systems

Mike Atwood

Building Analyst

910-723-2741

mike@performancehomesystems.com



Mike Atwood 910-723-2741
mike@performancehomesystems.com

Property Address	4675 Olivia Rd Sanford
HVAC Contractor	Comfort First
HVAC System Number	

Data Collection

Describe area of home served:

CFM25 Total:	36	0	0	0
Conditioned Floor Area (CFA) Served by System:	916	1	1	1
<i>(CFM25 x 100 divided by CFA = CFM25/100SF</i>		0	0	
CFM25/100sf	3.93	0.00	0.00	0.00

Tester Information

Company Name	Performance Home Systems
Name of Tester	Michael Atwood
Tester Certification	Envelop Professional
Tester Certification ID	BPI ID# 5028752

Equipment ID

Gauge Name/Serial	DG700 sn-34393-7-700
Fan Serial	11643
Date of Calibration	12/1/2020

Energy Efficiency Cetrification

CFM50	0
Conditioned Floor Area (CFA) Served by System:	0
Room Height	0
Conditioned Volume Area (CVA) Served by System:	0
0.30 CFM50/SFSA	0.00
5 ACH50	0.00

0