

Addendum 004

31 Unit HVAC Replacement Program: NC 20-2 Wilson Housing Authority

Monday, 03/24/25

- **The sealed bids are being pushed out to Tuesday, April 1st, 2025 @ 2:00 pm EST.**
- Sorry for the delay everyone. The water heater had to be ordered, then scheduled for installation. This finally happened.
- We installed the water heater in 912 Birch instead of 911 Birch since it's the same #1 type and recently became vacant.
- We picked up 2" from removing the gas line from the left side of the water heater and picked up 2" by straightening the water heater getting the pop off valve out of the way.
- The sheet metal on the wall is not required due to the minimum clearance from combustible or non-combustible construction, zero (0) inches sides, zero (0) inches back and eight (8) inches top. See attached pictures.
- Please include in your bid changing out the other 8 water heaters for type #1 units.
- I have attached pictures of the A. O. Smith water installed @ 912 Birch (Model #GCB-40-400) (18" in diameter).
- **Site visit notes to apply to your sealed bids.**
 1. Install a new breaker for each of the new gas hvac systems installed.
 2. Remove all expansion tanks.
 3. Insulate all water heater lines.
 4. Install only one cut off on the feed line going into the water heater.
 5. Vent all exhaust through the roof.
 6. Install new fresh air penetration in the mechanical closet. You may use the original location for the fresh air or relocate it to a better location.
 7. New return boxes and return grills where applicable.
 8. When removing the old hydronic system facing the living room/hallway use two return grills to fill the old hydronic location. One return grill will hold the filter, the other return grill will allow fresh air into the system. Install a piece of primed wood trim around the two stacked return grills to cover any wall defects left from the hydronic unit.

9. If the new gas hvac system is installed in the mechanical closet face the narrow face of the unit towards the door to allow the unit to be serviced.
 10. If the new gas hvac system needs to be installed in the wall cavity, cut the wall open move any electrical wiring/outlets/switches/thermostats out of the way before installing the new system. Install/screw ¼” unpainted luan plywood with a vent over the wall cavity to allow additional fresh air into the new system once the luan is secured. See attached picture.
 11. The mechanical room ceilings: sheet metal and fire caulk can be used around the ceiling penetrations and to repair areas if needed for inspection purposes.
- Please make sure you review Addendums 001-004. The items in Addendum 004 takes precedence over Addendums 001-003 due to the notes I made from the site visit.
 - If a change order is required, I will come out to the site to document the need for the change order. The contractor will provide an estimate. I will submit it for approval. Once we receive approval, I will give you verbal email approval to keep the job moving forward until we can get the approvals signed and emailed to you.
 - If you have any questions regarding this Addendum 004, please email me @ tdavis@wilsonha.org .
 - All questions will be shared with the bidders for transparency.

Regards,
Troy Davis
Development Director
252-291-2245: Ext. 215

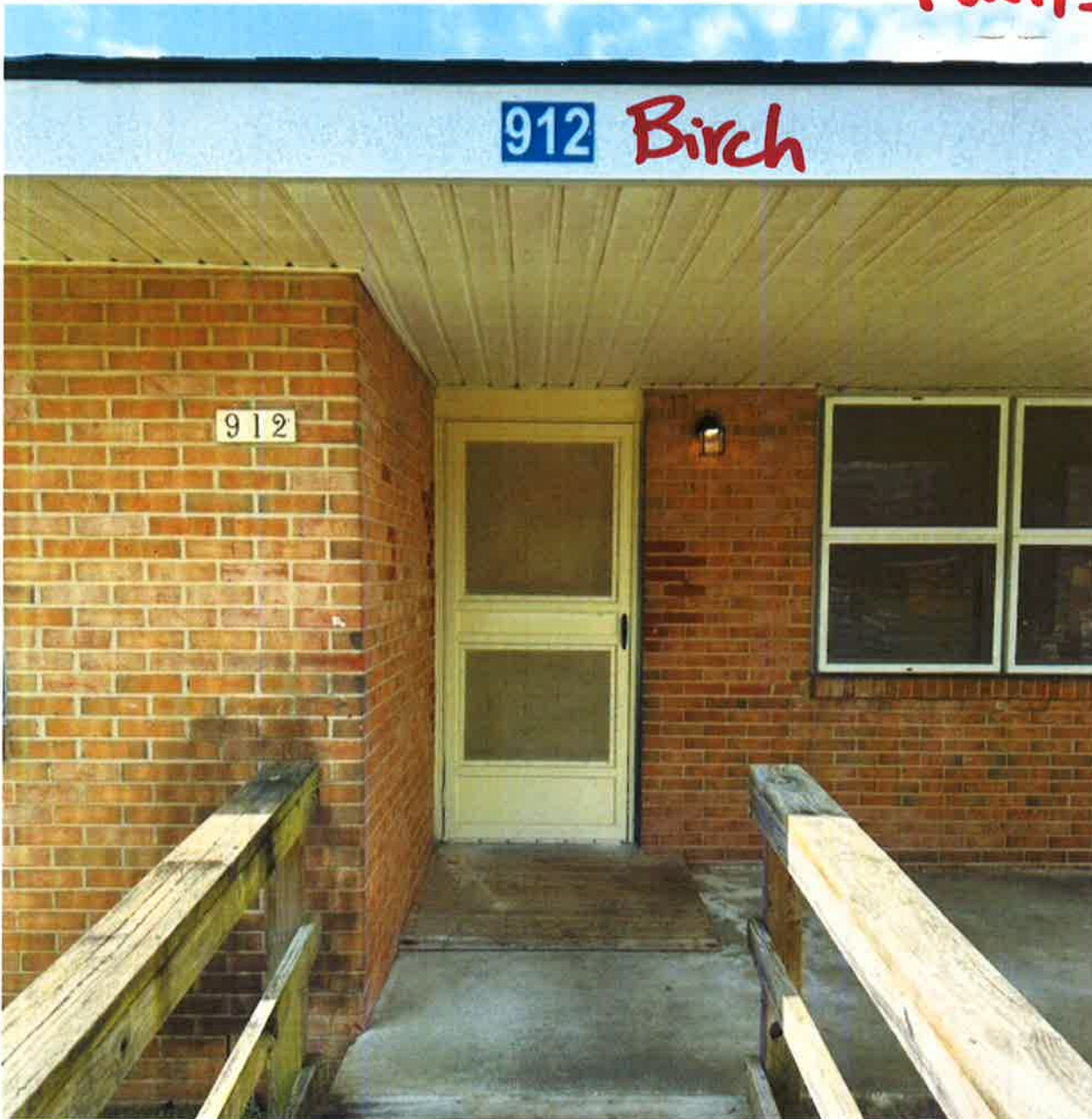
Troy Davis

From: Troy Davis
Sent: Monday, March 24, 2025 12:53 PM
To: Troy Davis; Cindy Whitley
Subject: 912 Birch. Water changeout for the hvac project.

Type # 1

We did the changeout @ 912 Birch instead of 911 Birch because it recently became vacant. The water heater had to be ordered and scheduled for installation.

9 units







AUTOMATIC STORAGE WATER HEATER



CSA/ANSI Z21.10.1/CSA 4.1-2019

MODEL NUMBER		NOMINAL CAPACITY US GAL	GAS TYPE		ITEM ID
GCB-40 400		40	NATURAL		100158802
INPUT BTU/HR	RECOVERY US GAL/HR	SERIAL NUMBER		ALTITUDE FT MIN MAX	
40000	43	2502142021692		0	10100
GAS PRESSURES IN W.C.			MAX WORKING PRESSURE PSI	BUILD DATE	
MANIFOLD	MAX INLET	MIN INLET			
4	14	5	150	01/13/2025	

**A. O. SMITH CORPORATION
MCBEE, SC. USA**



Model Number GCB-40 400

1600



Serial Number 2502142021692



Sent from my iPhone





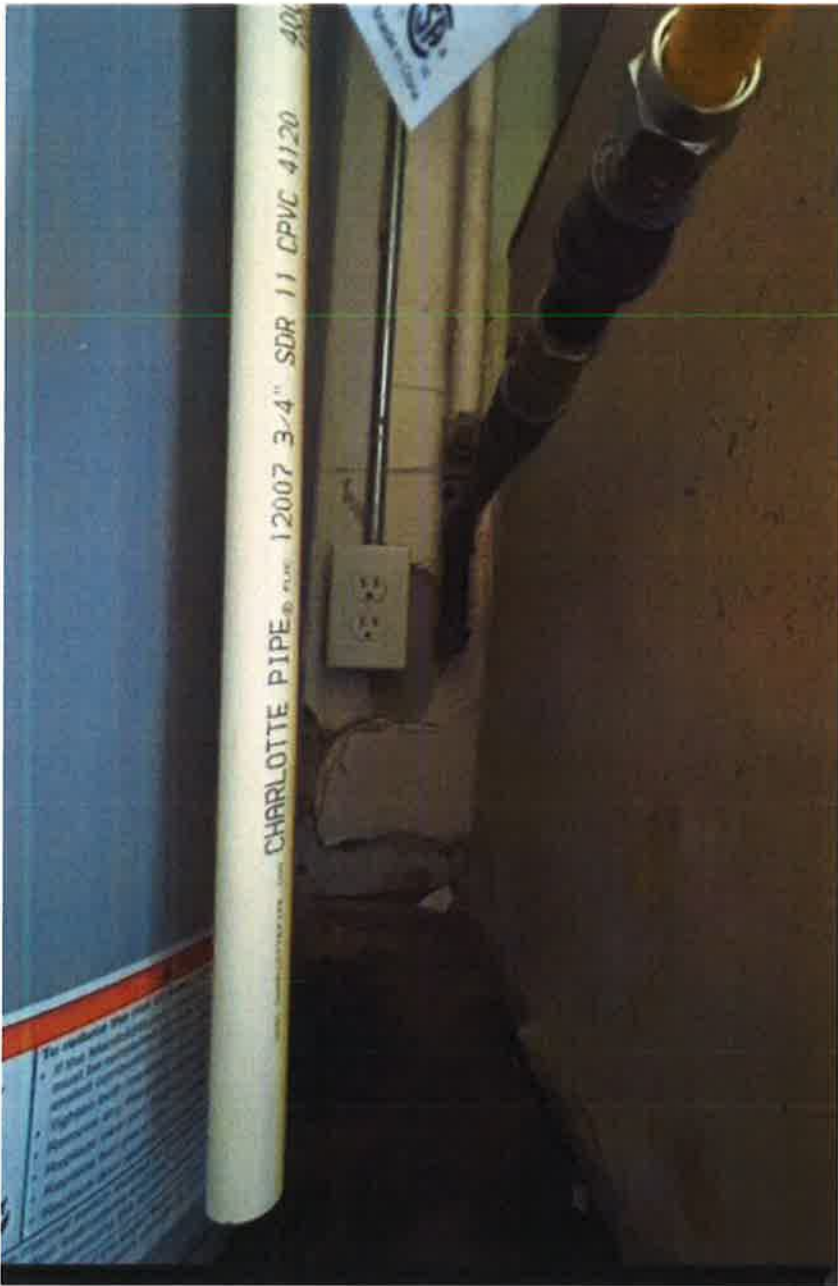


Appropriate installation:

- This appliance must be installed in accordance with local codes or, in the absence of local codes, the National Fuel Gas Code, ANSI Z223.1/NFPA 54.
- Minimum clearances from combustible or non-combustible construction, 0 inches sides, 0 inches back and 8 inches top. For closet installation, 4 inches front. A minimum of 4 inches is required for access to serviceable parts such as the drain valve, relief valve and thermostat.
- This flammable vapor resistant water heater must be







Sent from my iPhone

Troy Davis

From: troy davis <troyadavis@yahoo.com>
Sent: Tuesday, March 4, 2025 8:02 PM
To: Troy Davis
Subject: The five types of units from the hvac project.

Type #2



11 units







Type #3



1 unit







Sent from my iPhone



905 Birch

Type # 4



9 units





906 Birch

Type # 5



only 1-unit

Tankless
Water Heater.









RB
RELIABILITY

10 in x 10 in'
Return Grille
Rejilla de retorno

- Steel construction
- For submerge/ceiling application
- White (paintable)
- Fabricación en acero
- Para aplicación en paredes laterales/techos
- Pintando (se puede pintar)

Actual Size / Tamaño Real:
R.76 in x 11.75 in / 76.8 cm x 29.8 cm

RETURN GRILLE / REJILLA DE RETORNO

65035

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\$12⁹⁸

**Everyday
Low
Price**

10-10 WHITE RETURN GRILLE
Rough Opening: 10-in x 10-in
Actual: 11.81-in x 11.81-in

 AISLE	 BAY	 LOC
7	14	97

Item # 65035

Model # ABRGWH 1010



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