



# BRUNSWICK COUNTY PUBLIC UTILITIES

## Grinder Tank Installation and Start-Up Procedures

[brunswickcountync.gov/utilities](http://brunswickcountync.gov/utilities)

### Step 1: Grinder Tank Installation Requirements

New Homes permitted by Brunswick County Code Administration will receive an email from [no-reply@brunswickcountync.gov](mailto:no-reply@brunswickcountync.gov) with instructions on how to request a grinder tank installation after the insulation inspection has passed. For new homes permitted in municipalities that conduct their own inspections, the builder must contact Brunswick County Utilities at **910-253-2657 opt. 1** to begin the Grinder Installation request. Before submitting the work order request form included in the email or contacting Brunswick County Utilities to request a grinder tank installation, ensure the items below are complete.

If these items are not complete when our crew arrives, your request will move to a pending status, and you will need to call Public Utilities at **910.253.2657 opt. 1** to restart the request process after all items are completed.

- Payment of Utility fees
- Siding installed on house
- Final grading is complete
- The installation area from the sewer service valve box to the tank location is completely clear
- The valve box is visible and in good condition
- All private utilities (irrigation, plumbing service, outdoor wiring, invisible dog fences, etc.) have been marked (flagged/painted)

#### Municipalities that conduct their own inspections:

Bald Head Island	Caswell Beach	Oak Island
Boiling Spring Lakes	Holden Beach	Ocean Isle Beach
Calabash	Leland	Southport
Carolina Shores	Navassa	Sunset Beach

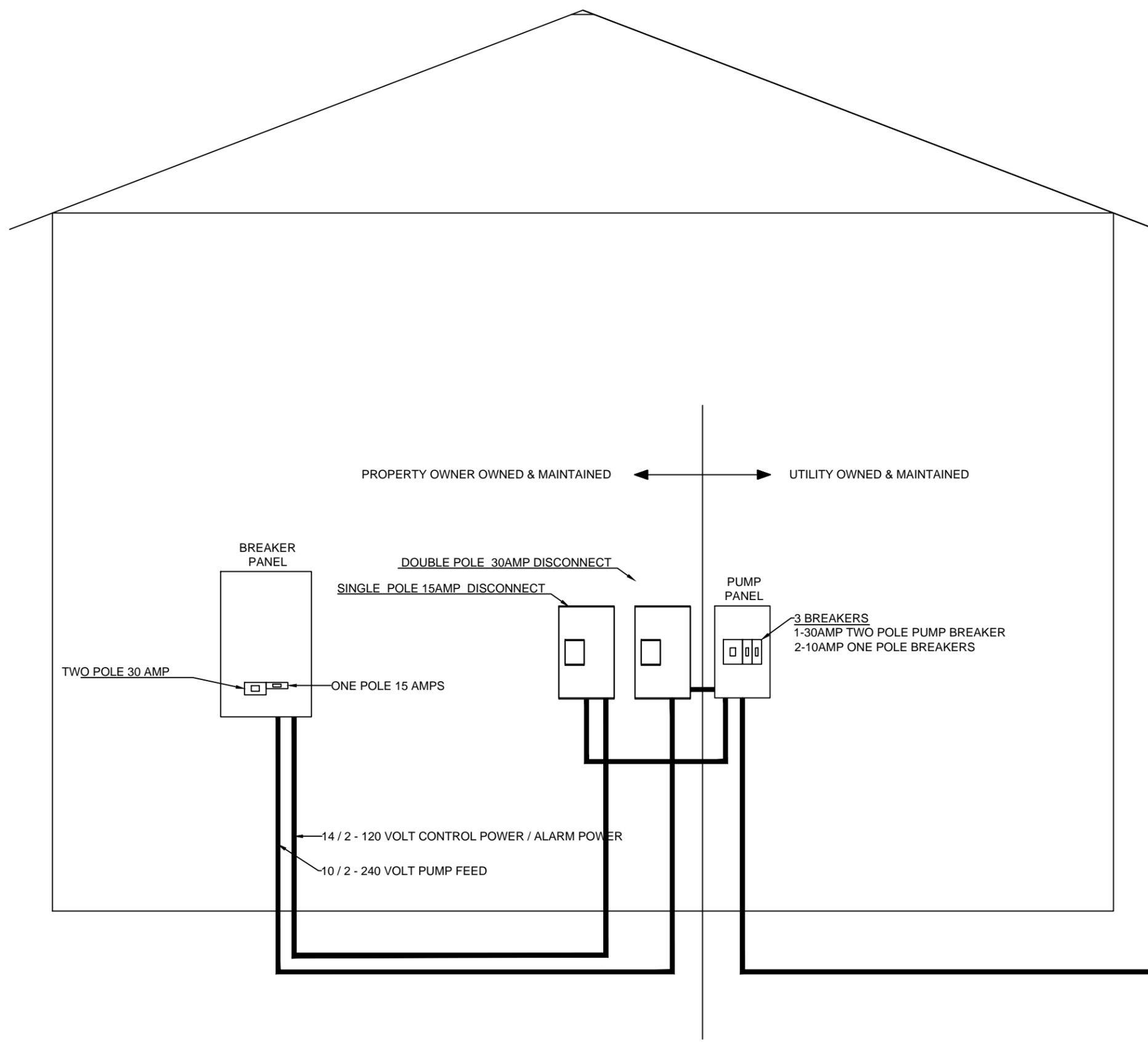
*Note: Initiating a work order request does not mean a grinder package is installed right away. The completed work order request form is placed in a queue when received. It may take a few weeks before installation begins.*

### Step 2: Grinder Tank Start-Up Requirements

New homes permitted by Brunswick County Code Administration will receive another email with instructions on how to request the grinder tank start-up. For new homes permitted in Municipalities that conduct their own inspections, the builder must contact Brunswick County Utilities at **910-253-2657 opt. 1** to begin the startup request. Before submitting the form included in that email or contacting Brunswick County Utilities to initiate the grinder tank start-up process, please ensure the following items are complete:

- Grinder tank installation
- Permanent or temporary utility power is servicing the grinder tank
- The main breaker is accessible. You will need to provide the location of the breaker box when requesting a start-up.
- The tank lid is accessible (free of dirt, obstructions, etc.)
- Two separate disconnects are installed
  - A 30 amp/240 volt for power to pump, AND
  - A 15 amp/120 volt for power to control
- The sewer service valve box is uncovered and unobstructed
  - If the box is covered by sod, dirt, etc., uncover it prior to submitting the form
  - If the sewer service valve box is damaged, note it in the request

# Grinder Electrical Diagram



<b>Brunswick County</b>			
DATE	DRAWN BY	ENGINEER	SCALE
09/22/2016	S.T.E	S.T.E	NONE
TITLE-DESCRIPTION			
BRUNSWICK COUNTY GRINDER PUMP STATION			
PROJECT		DRAWING NUMBER	
BRUNSWICK CO. SCADA SYSTEM		GRINDER	
NO.	REVISION	DATE	APPROVED BY