

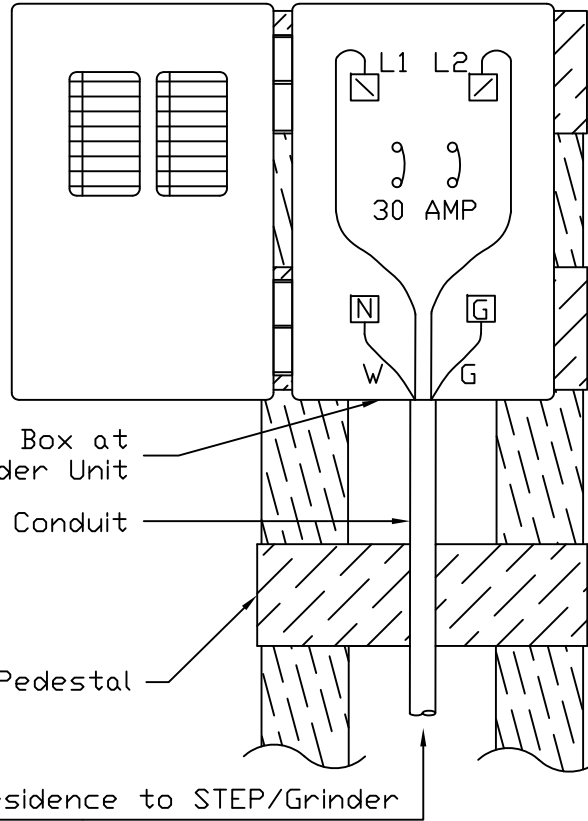
* GCWSD control panel on opposite side of pedestal

GCWSD Breaker Box at STEP/Grinder Unit

Conduit

Wooden Pedestal

From residence to STEP/Grinder



* GCWSD to inspect electrical connection

By GCWSD with owner's electrician to connect wires to breaker box

By Owner

GCWSD Requirements for electrical service to STEP/Grinder:

- Customer must install a 30 amp breaker at the power supply or breaker box (230 volt with ground).
- It is recommended customer install an outside quick disconnect box from power supply.
- Conductor wire must be installed in conduit from the customer's breaker box or quick disconnect box to the STEP/Grinder breaker box unless wire manufactured for direct burial is used. Conduit should be sized appropriately for conductor wiring.
- Conductor wire gauge should be sized according to the chart below:

length of wire	gauge of wire
up to 150'	#10
over 150'	#8

- Electrical service may be installed in same trench as sewer service line from building.
- Use of a licensed electrician is recommended and will be required if necessary to meet Georgetown County building code.
- Customer is responsible for cost, installation and maintenance of all electrical components from the customer's building to, but not including, GCWSD's electrical breaker box at the STEP/Grinder Unit.



GEORGETOWN COUNTY
WATER & SEWER DISTRICT

EXHIBIT B
ALTERNATIVE SEWER
STANDARD ELECTRICAL
SERVICE DIAGRAM

DATE 11/17/2003	SCALE NTS	NO.
DRAWN RJV	CHECKED	