

SPECIFICATIONS FOR
PUMPING EQUIPMENT & MOTOR CONTROL
FOR
BOXLEY HILLS PUMPING STATION
ROANOKE, VIRGINIA

Work to be Done

The work to be done under these specifications consists in designing, manufacturing and delivering complete, f.o.b. job site and supervising the installation of an electric motor-driven vertical pumping unit for the Boxley Hills Pumping Station, all as hereinafter specified and as shown on the enclosed drawing.

The pump manufacturer shall submit written instructions to the owner as to proper protection and outside storage of the equipment.

After the pump's installation, the manufacturer shall submit a written statement approving the storage, installation, alignment and setting of the equipment.

Location

The Boxley Hills Pumping Station will be located in Roanoke County about one mile north of the Hersherberger Road at the intersection of Williamson Road (Rte. 220 and 11) and Commander Drive.

Pumping Equipment

The equipment required under these specifications consists of 1 - 25 MGD, 95 ft. total head, vertical turbine type pump, coupled to a 460 volt, 3 phase, 60 cycle, squirrel cage induction motor.

The pump unit shall meet these additional requirements:

<u>Capacity</u>	<u>Total Head</u>
15 mgd	120 ft. (Min.)
20 mgd	110 ft. (Max.)

Pumping Range: 15 mgd to 28 mgd