

## STRUCTURE G-201

*(No longer being operated due to the construction of STA 3 & 4)*

This structure is a three unit pumping station at the southeast corner of the Holey Land. The station is at the north side of L-5 levee, about 9 miles east of pumping station S-8. The contract number of this structure is 88-173-0940. The drawing number is PB 30.

### PURPOSE

G-201 is a part of the Holey Land Flow Through Marsh project. The purpose of this structure is to pump water in the seepage canal into the Holey Land marsh area.

### OPERATION

The structure is operated automatically or manually to keep the water level in the seepage canal low to avoid damage to the adjacent land. The pump automatic settings are:

#1	on 9.0	off 8.5
#2	on 9.5	off 9.0
#3	on 9.0	off 8.5

### DISCHARGE CHARACTERISTICS

Design Discharge Rate                      105 cfs

### DESCRIPTION OF STRUCTURE

Number of Pumps	<u>3</u>
Size and Type of Pumps	<u>30 inch hydraulically driven axial flow</u>
Design Rating	<u>40</u> cfs
Speed	<u>495</u> r.p.m.
Pump Manufacturer	<u>M &amp; W Pump Corp.</u>
Model Number	<u>HAC330PO</u>

### POWER SOURCE

Prime Movers and Station Power	
Normal	<u>Commercial electricity</u>
Emergency	<u>Diesel engine driven electric generator</u>

**HYDRAULIC AND HYDROLOGIC MEASUREMENTS**

Staff gauge in seepage canal

Telemetry system

**ACCESS:** From S-8 pumping station go east 9 miles along L-5 levee.