

ADLER AUTOMATED
METERING GATE-
PATENT PENDING

INQUIRY DATA SHEET

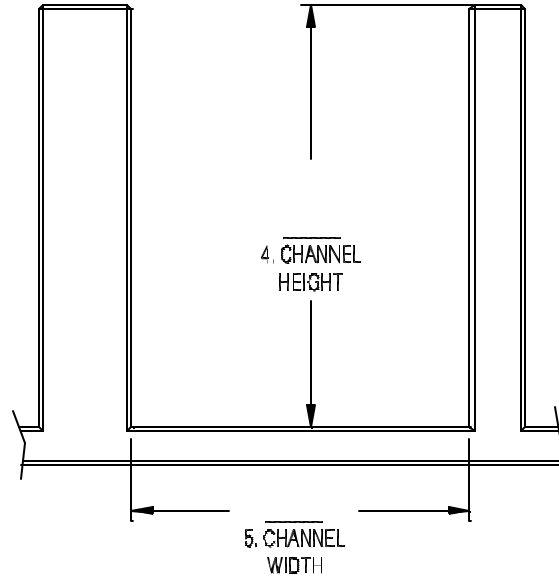
MATERIAL: 304L S.S.

LOCATION OF GATE: _____

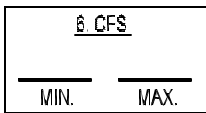
1. POTENTIAL QTY: _____

2. WHAT IS THE DESIGN CAPACITY OF THE CANAL? _____

3. WHAT IS THE AMOUNT OF DAILY FLOW CHANGES? _____



SOLAR PANEL
CONTROL PANEL



7. TYPE OF
ELECTRICAL POWER
(IF ANY.)

- A- THREE PHASE, 460
- B- 220 SINGLE PHASE
- C- 120 SINGLE PHASE

8. DISTANCE BETWEEN
CONTROL

UPSTREAM
9a. MAXIMUM WATER LEVEL

9a. LOWER WATER LEVEL

10. TRAVEL OF
GATE
REQUIRED

11. SLOPE

DOWNSTREAM

9b. MAXIMUM WATER LEVEL

9b. LOWER WATER LEVEL

12.
INVERT DROP

SECTION A-A
CLOSED POSITION

DRAWING No.:

PAGE:

Name of Irrigation District _____
 Address, Phone Numbers _____
 and e-mail _____

 Point of Contact _____
 Phone Number/e-mail _____

Kindly answer the following questions:

13. Concrete or Earthen Lined Canals for AAMG Units.
(To determine need for wing walls)

14. How close to the design capacity (and /or design depth) do you usually operate?

15. Regularly scheduled dry up dates.

16. Canal automation or Supervisory Control with manual override.

17. Types of sensors currently in use e.g. water level sensors, velocity sensors, etc.

18. SCADA (Supervisory Control and Data Acquisition) protocol currently in use. Is the gate to be incorporated into a wide area network (WAN) now. Is the gate to be incorporated into a wide area network in the future.

19. Total potential number of AAMG Units for your district.

20. Potential AAMG units for new construction or retrofit canals.

21. Number of units side by side in order to limit the number of sensors required on the site (i.e.. 6 units total, 2 sets of three adjacent units)

22. What is the distance to any upstream or downstream structures (bridges, other gates, etc.)

23. What is communication technology; Cell phone, Radio frequency, etc.

24. Do you have a control room.

25. Is there any special conditions

26. Are flow or level measurement or both are important.

Kindly supply re-measured as-built sheets and site photos.