

Instructions for
Nebraska Base Drawings NE600-20-005

Sprinkler Irrigation System -
Flowmeter Details

Fill in the following data fields to automatically fill in the necessary data fields on the drawing.

Title block

Title line(s)

Design City

County, NE

Sheet number of

Who / When

Designed

Drawn

Checked

Drawing Notes: _____

Left click data fields to enter required information.

Drawings may be printed and filled or modified with indelible ink to fit the needs of a specific project.

Additional Drawings or Specifications may be inserted to create a packet.

Propeller Flowmeter Installation Details

CERTIFICATION of INSTALLATION

I certify the details shown on this sheet are accurate and reflect actual field measurements. I certify this flowmeter was installed according to the requirements of the manufacturer or NRCS construction specification NE-209.

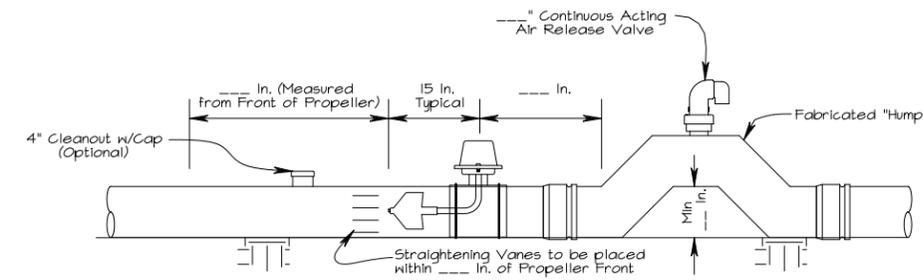
Signature _____

Date _____

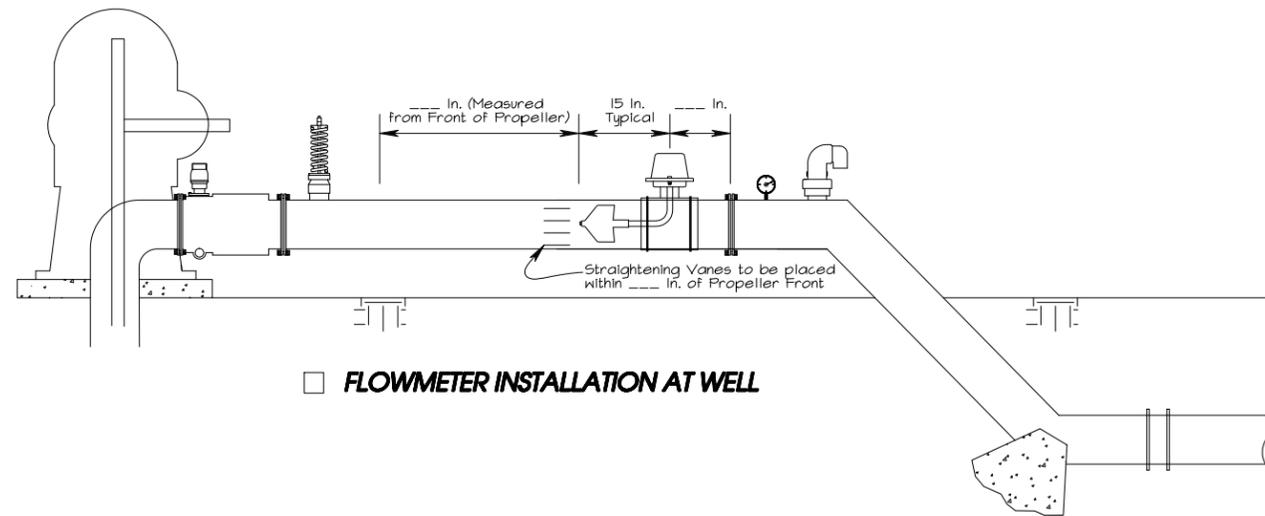
INSTALLATION AND OPERATION OF FLOWMETER (Refer to NE-ENG-209)

The manufacturer's requirements for the installation of the flowmeter shall be obtained prior to installation, and a copy shall be supplied to the NRCS Technician or Engineer. The requirements shall include: straight pipe distance both upstream and downstream of the meter. These distances shall be detailed for various appurtenances, such as elbows, valves, sudden enlargements, and contractions. The meter shall be placed in the pipe in a position, which is correct for the pipe diameter and wall thickness.

MINIMUM DIMENSIONS SHOWN ON THIS SHEET FOR FLOWMETER INSTALLATION ARE ONLY TO BE USED IN THE ABSENCE OF MANUFACTURER'S RECOMMENDATIONS



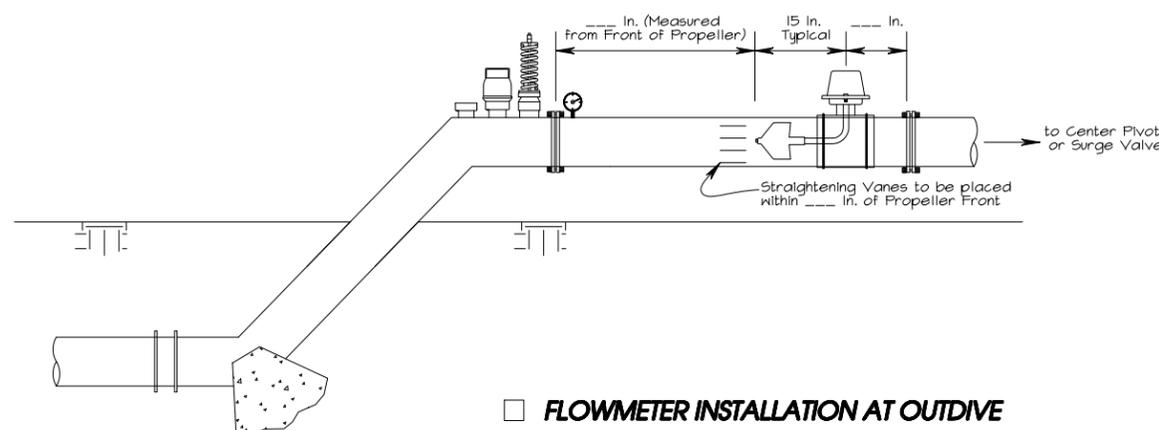
FABRICATED HUMP REQUIRED FOR FULL PIPE FLOW AT METER



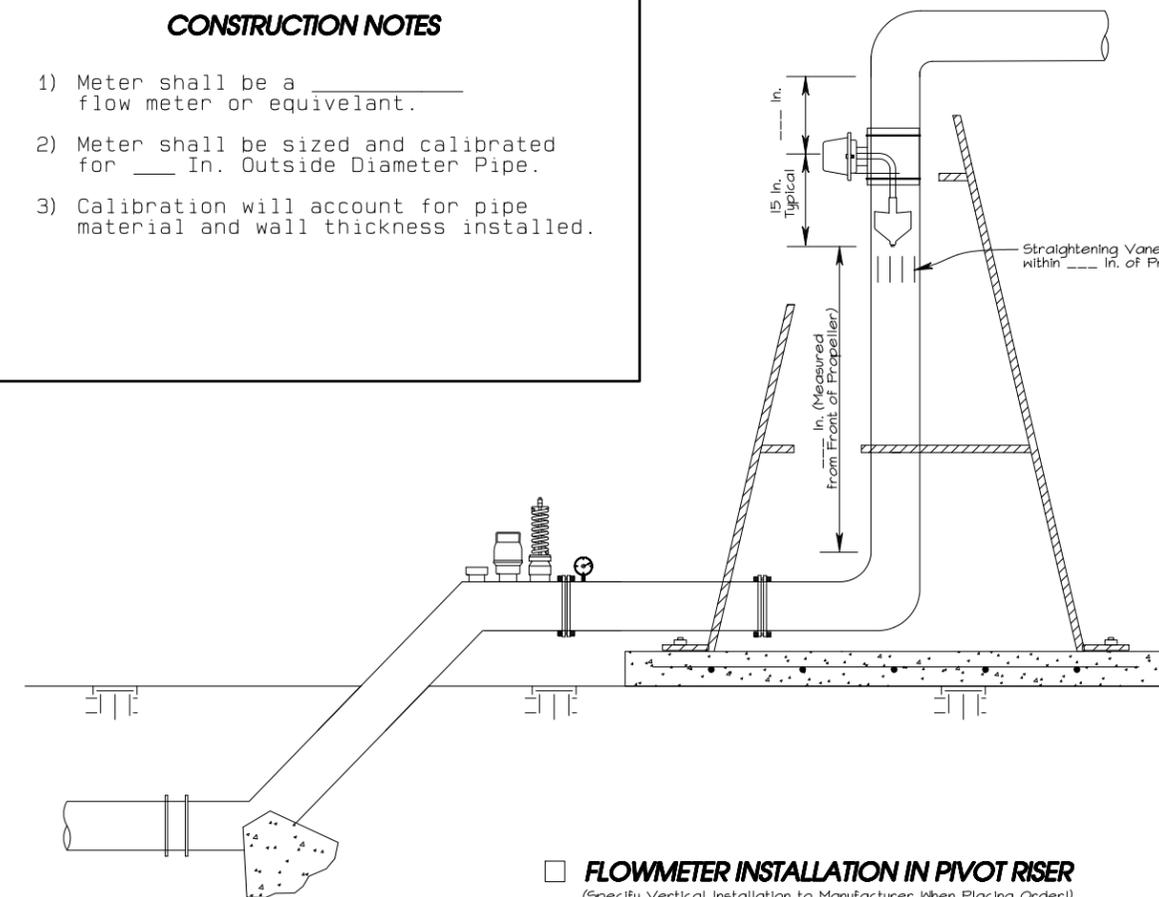
FLOWMETER INSTALLATION AT WELL

CONSTRUCTION NOTES

- 1) Meter shall be a _____ flow meter or equivalent.
- 2) Meter shall be sized and calibrated for ____ In. Outside Diameter Pipe.
- 3) Calibration will account for pipe material and wall thickness installed.



FLOWMETER INSTALLATION AT OUTDIVE



FLOWMETER INSTALLATION IN PIVOT RISER
(Specify Vertical Installation to Manufacturer When Placing Order!)

Designed: _____
Date: _____

Drawn: _____

Checked: _____

Approved: _____

FLOWMETER INSTALLATION DETAILS

COUNTY, NEBRASKA



File No. v10.60g

Drawing No.

Sheet ___ of ___