

Department of Consumer and Corporate Affairs / Ministère de la consommation et des corporations

SPG-105  
 01-10-6  
 01-01-6  
 01-10-6

OTTAWA, March 17, 1971.

Installation of Gas Meters

Granted to: Canadian Natural Gas Company Limited,  
 110-110th Avenue Southwest,  
 Calgary 1, Alberta.

Attention: Mr. W. W. Steinhilber, P. Eng.,  
 Department of Measurement  
 Customer Service & Utilization.

Subject: Use of Pressure Factor in Gas  
 Metering Installation.

Temporary special approval has been granted by the Standards Branch to Canadian Natural Gas Company Limited, to apply a pressure factor in the measurement of gas at the following installation under the stated conditions:

Customer - Tracy Richards  
 Address - Hill 6, Calgary  
 Nature of load - Heating for two residences, office  
 and barn

Load - 750 c.f.m.  
 Service line pressure - 30 to 40 p.s.i.  
 Metering pressure - 10 p.s.i.  
 Upstream regulator - 3/4" Fisher 621, 1" orifice  
 relief valve - 1" Fisher 205H set @ 15 p.s.i.  
 Meter - Canadian Meter Co. 125 25/7 W.P. or equivalent  
 Macmillan or Sprengue  
 Base pressure - 13.25 p.s.i.  
 Average atmospheric pressure - 13.00 p.s.i.  
 Pressure correction factor -  $\frac{13.00 + 10.00}{13.25}$

This service may be subject to "spot checks" by the Electricity and Gas Inspection Service at any time with reasonable notice.

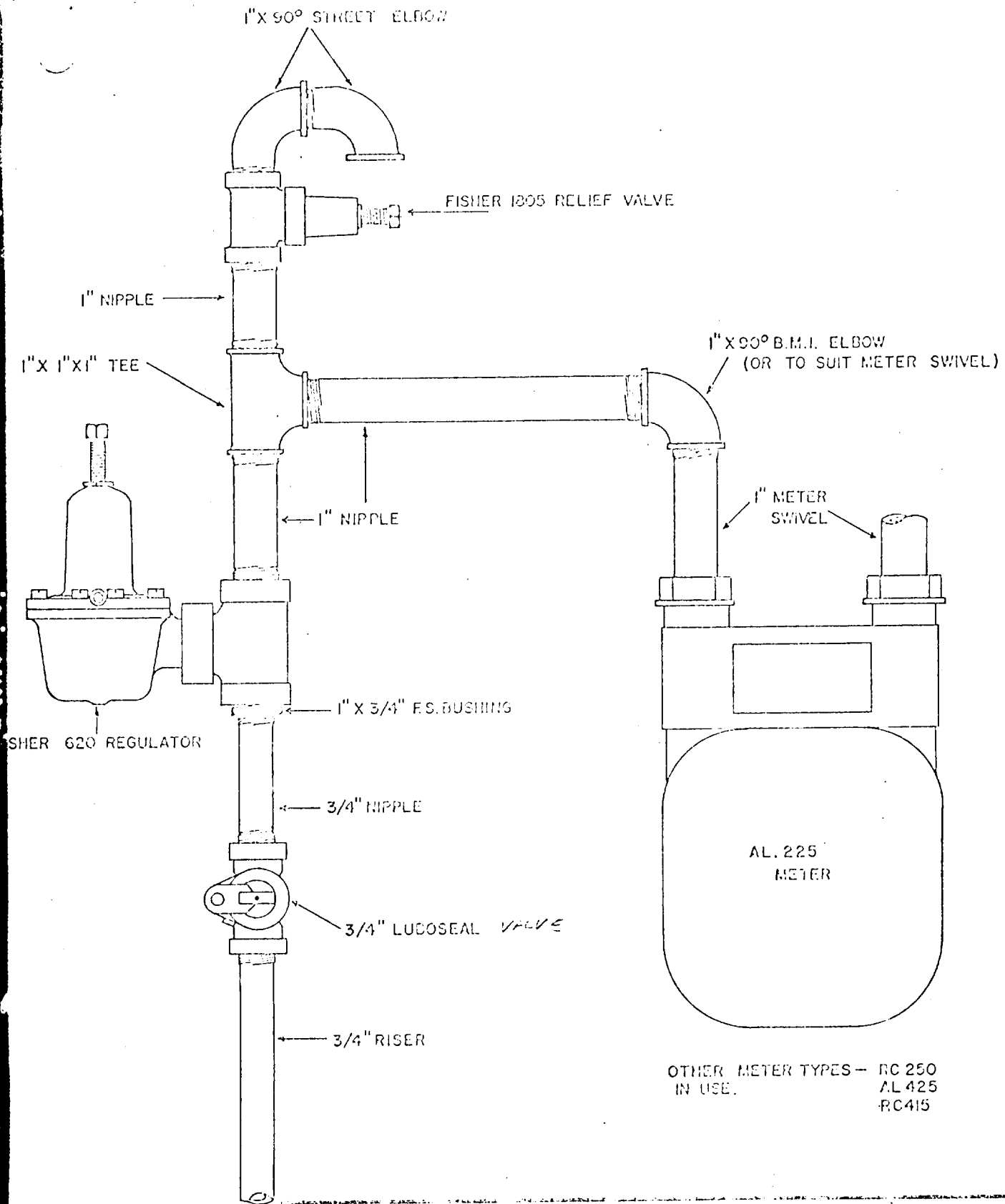


This approval is temporary and will expire when permanent  
arrangements pertaining to pressure factor measurement are put into  
effect.

W.J.S. Fraser,  
Chief,  
Electricity and Gas Division.

c.c. Mr. W. A. Park, B.E. of ASD, Calgary  
Mr. H. H. Young, regional supervisor E&G, Winnipeg.





PLANO-WESTERN GAS & ELECTRIC Co. Ltd.

TYPE AL "PRESSURE FACTOR" METER SHY TYPE I.

SCALE 3" = 1'0"

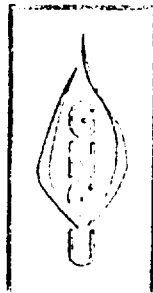
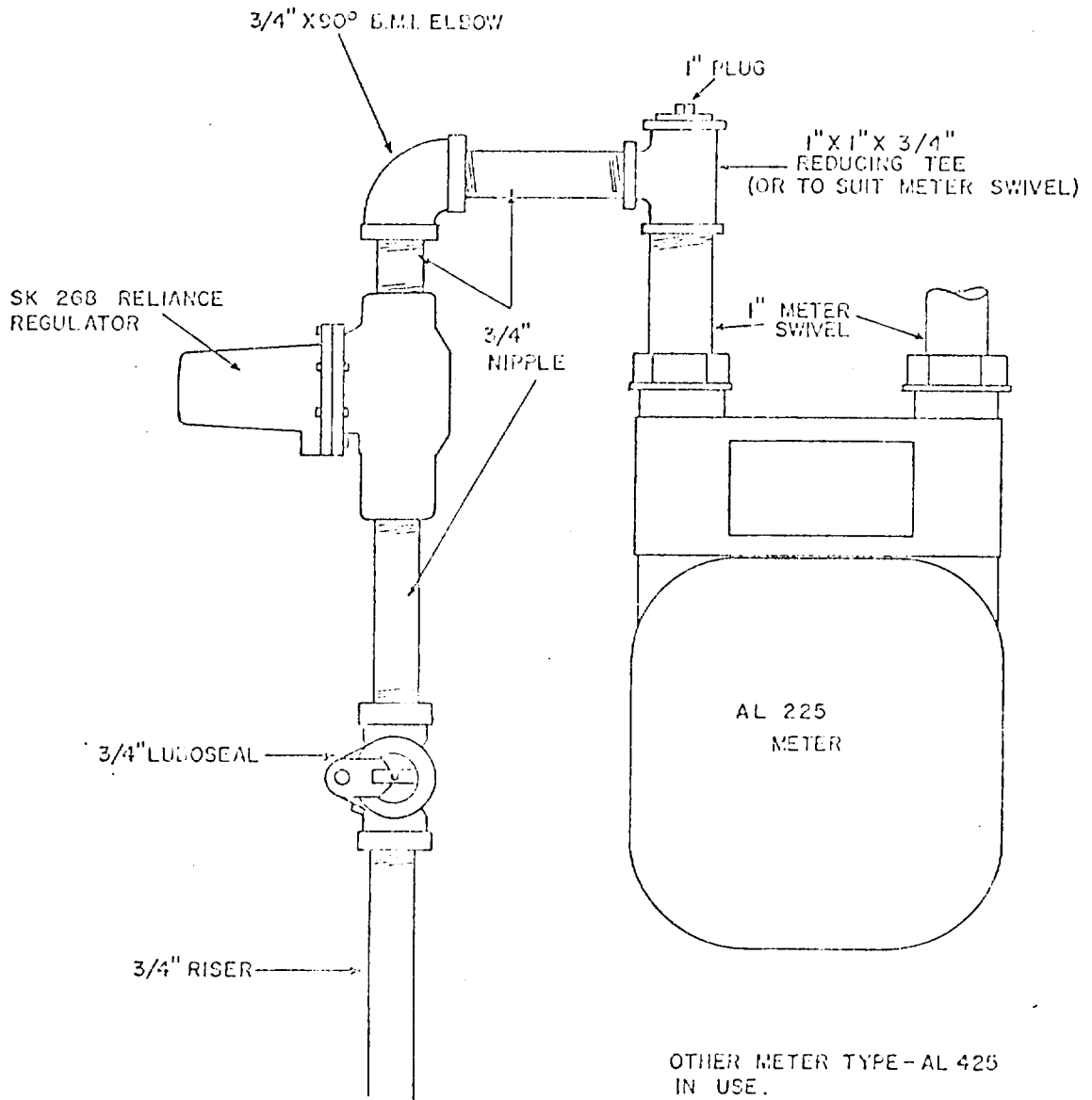
DATE: FEB. 10/71

Doc. No. : XI-07-2

REV. :







PLAINS - WESTERN GAS & ELECTRIC CO. LTD.

TYPICAL "PRESSURE FACTOR" METER SET TYPE 2

SCALE: 3" = 10"

PRO. NO. : XI-67-3

DATE : FEB. 10 / 71

REV. :

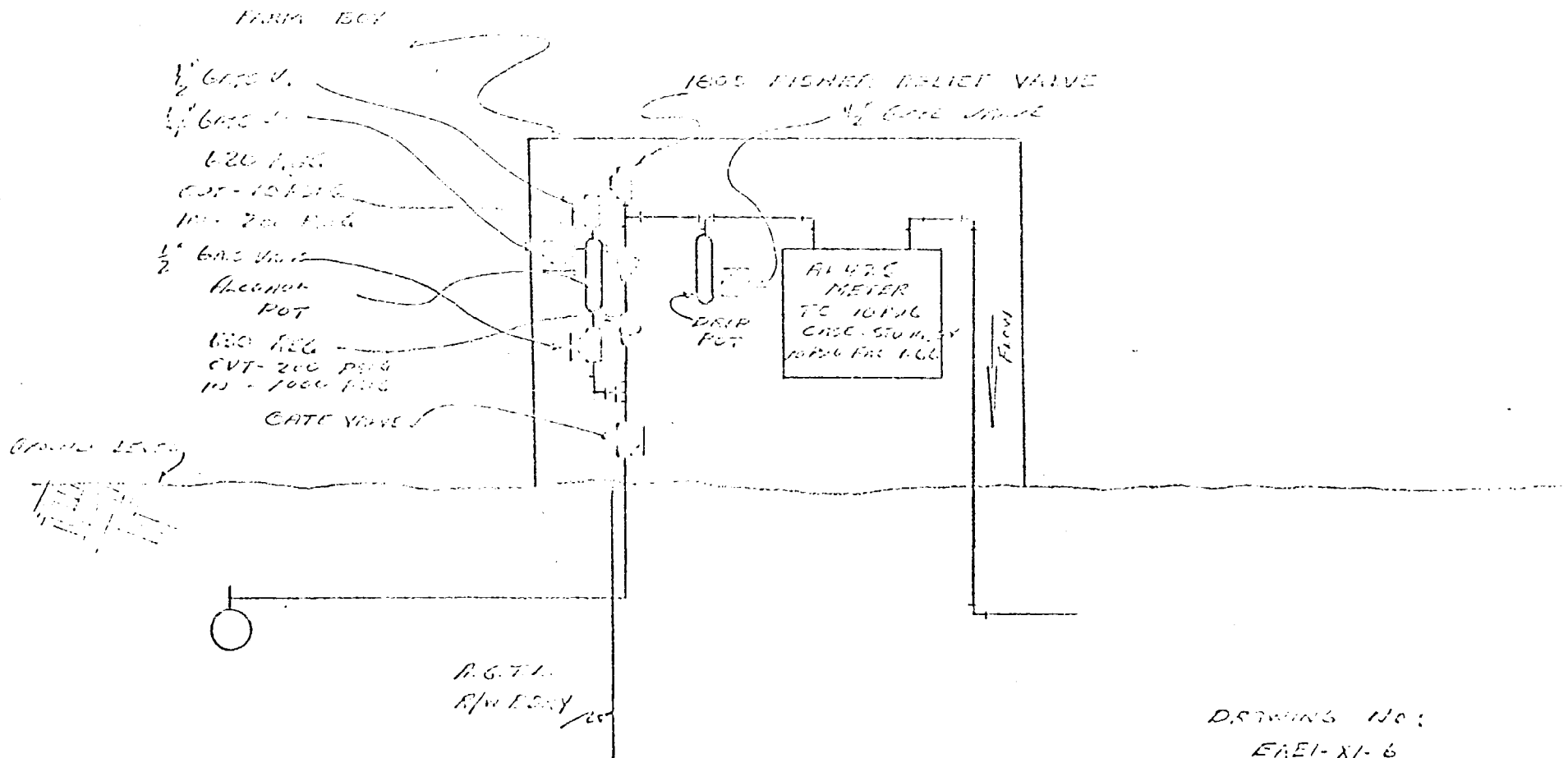




1000 P.M. 20 270

### TAP Hook-up FOR 3 TAPS

- III :
- ① 5/8" 4" 27-15-114 - R/W 1500
  - ② 3/4" 4" 27-15-114 - R/W 1500
  - ③ 1/2" 4" 27-15-114 - R/W 1500





FISHER 1305-1  
 1/2" LF VALVE - SET AT 10.5 P.S.I.C.

FISHER 620 REG.  
 108903 SPRING AND  
 1/2" ORIFICE - 100 P.S.I.C. OUT

1" GATE VALVE  
 2000 W.G.

AL 425 T.C. METER  
 10 P.S.I.C. CASE  
 STD. INDEA  
 10 P.S.I.C. FACTOR 1.65

1" FISHER 620 REG.  
 WITH 1064 SPRING AND  
 1/2" ORIFICE - 100 P.S.I.C. OUT

1" LW LUB-O-SEAL

1" x 2" RED.

2" x 3" COOLER



Flow

Flow

To CUSTOMER

	PLAINS WESTERN GAS & ELECTRIC CO. LTD.	
	THIS GAS METER IS TO BE INSTALLED AT THE POINT OF DELIVERY TO THE CUSTOMER AT 10 P.S.I.C.	
	SCALE: N.T.S.	DATE: NOV 170
	DWG. NO: 68741-4	REV.:

