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Inspection Findings!!

A decorative graphic consisting of a green grid pattern on the left side, transitioning into several horizontal lines of varying lengths and colors (green and white) on the right side, positioned below the main title.



Hi pipeline people...

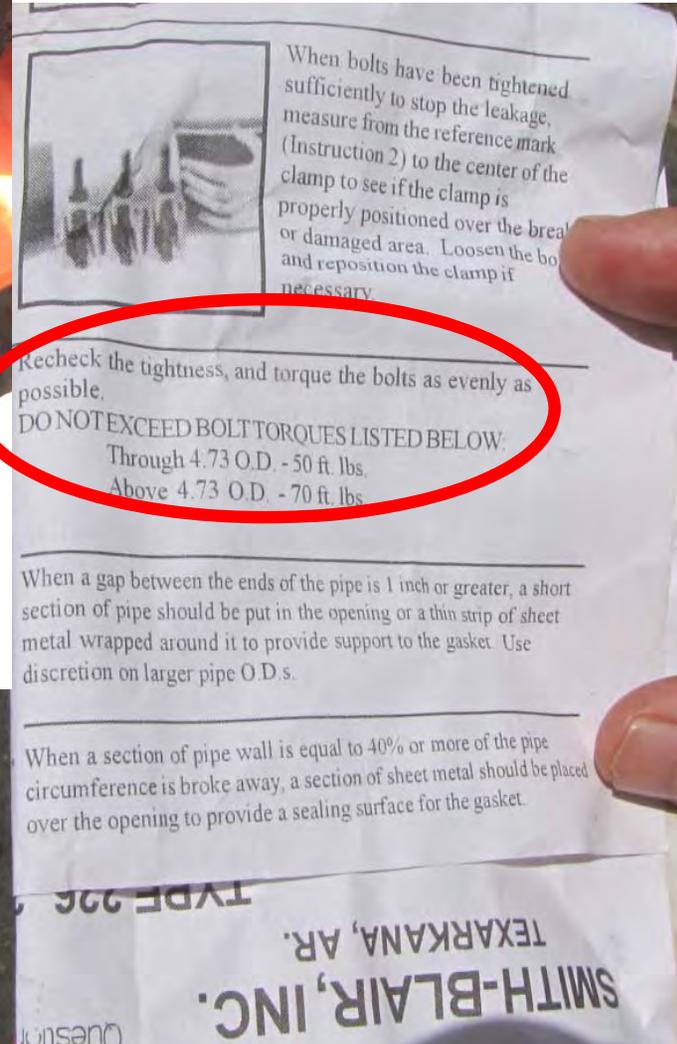


Let's Talk Construction





MANUFACTURER PROCEDURES









Bad Hair Day



OCT 8 2002

8" — .500

2

3



W.R. THORPE CO

USEFUL FORMULAS
AREA = 0.7854 X D²
CIRCUM = 3.1416 X D
SURFACE = 3.1416 X OXL
PRESSURE = $\frac{2.31 T}{D}$
S = FIBER STRESS
T = WALL THICKNESS
D = PIPE DIAMETER
P = PRESSURE
L = LENGTH

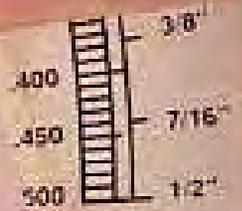
7.48 U.S. GAL. = 1 CUBIC FOOT
42 U.S. GAL. = 1 BARREL
1 CU. FT AIR
= 0.0809 LBS

EXTRA
HEAVY

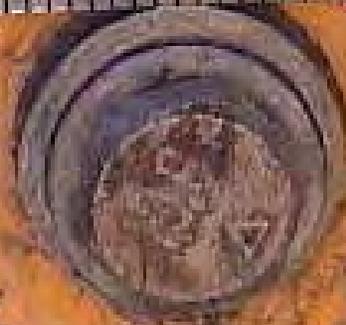
2"	.218
3"	.300
4"	.337
6"	.432
8"	.500

STANDARD

2"	.154
3"	.218
4"	.237
6"	.280
8"	.322
10"	.365
12"	.375



2 3



W. R. THORPE

SURFACE = 3.1416 X D X L
PRESSURE = $\frac{2SL}{D}$

1 CU. FT AIR
= 0.08809 LB

S = FIBER STRESS
T = WALL THICKNESS
D = PIPE DIAMETER
P = PRESSURE
L = LENGTH

EXTRA
HEAVY

1/8"	0.125
3/16"	0.1875
1/4"	0.2500
5/16"	0.3125
3/8"	0.3750
7/16"	0.4375
1/2"	0.5000

0 100 200 300 400 500 600 700 800 900 1000

0 1 2 3 4 5 6 7 8 9 10



OCT 8 2002

Subpart G – Construction

- Requirements for Mains - §192.311 - Repair of Plastic Pipe

Each imperfection or damage that would impair the serviceability of plastic pipe must be repaired or removed.

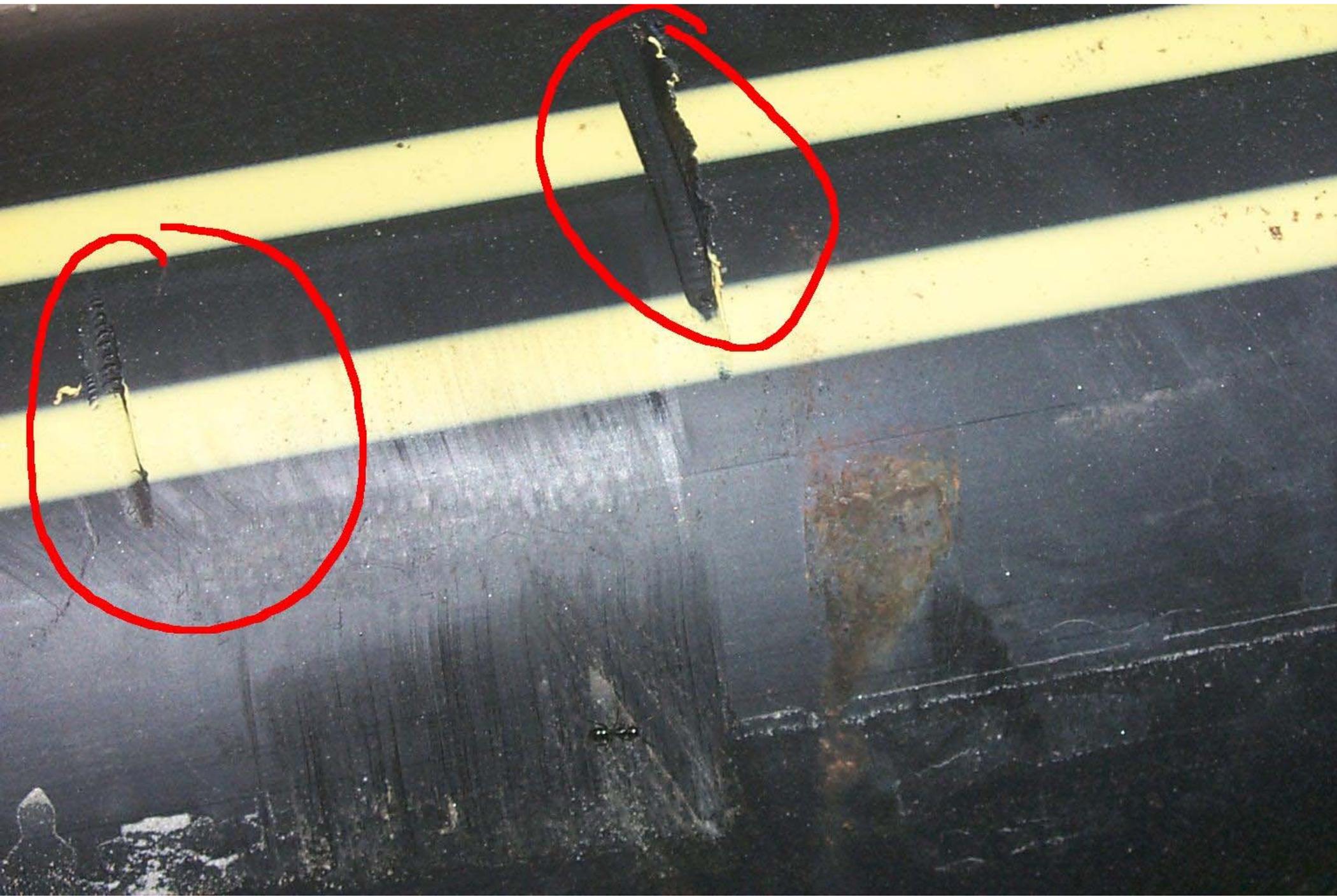






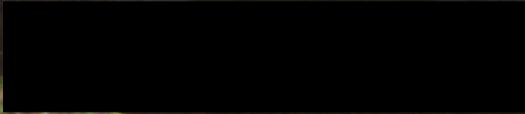








**Right in the
area to be
joined...**









Is this a violation?

§192.321(e) Installation of Plastic Pipe

- ...tracer wire may not be wrapped around the pipe and contact must be minimized, but is not prohibited

How is this line going to be marked?













Case study:

- The Operator's contractor performing heat fusion did not verify the heating temperature. When the temperature was verified, the temperature was not as specified in the procedure.

How do you measure plate temperature?

In accordance with a written procedure.



Expensive, but accurate.



Inexpensive, but less accurate.

Check plate temperatures at several locations, such as the 3, 6, and 9 and 12 o'clock Locations...





02/



Recent Fusion

A decorative graphic consisting of a green grid pattern on the left side, transitioning into several horizontal lines of varying lengths and colors (green and white) on the right side.

DR 11 -- POLYPIPE GDY20 GAS --

CT 10



GDY20 GAS - - -



03/08/2013



PerformancePipe.com



PERFORMANCE PIPE
100% Recycled Recycled Compound LP
1.5" IPS RTB STT 80 PS2-12
12 06 0783 W
D-2513 / D-2683 CEE PE3408/4710 PE100
MADE IN USA
280/0/140

03/08/2013



Performa
PERFORMANCE PIPE
A Division of **EXXON MOBIL CHEMICAL COMPANY LP**
8 1/2" 2X3/4 IPS RTB STT .80 PS2-12
1104123 12 06 0783 W
ASTM D-2513 / D-2683 CEE PE2400
MADE IN USA
28010140

03/08/2013



03/18/2013



03/08/2013











Let's Talk Maintenance

ADB-07-01 (02)

Adding:

- Delrin insert tap tees
- Plexco service tee Celcon (polyacetal) caps.









Continuing Surveillance









Union



Service line installed through laundry room- Regulator near vent







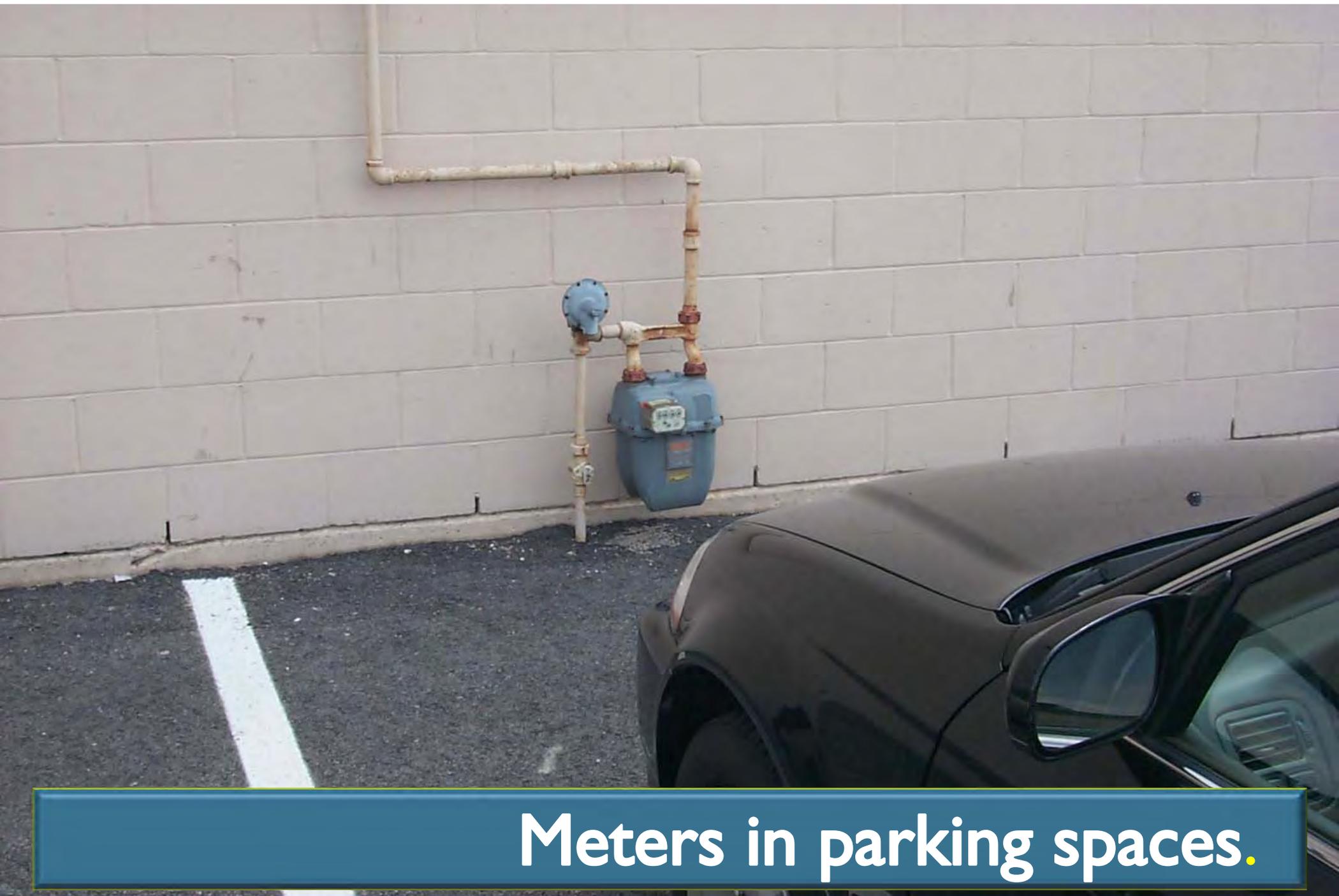




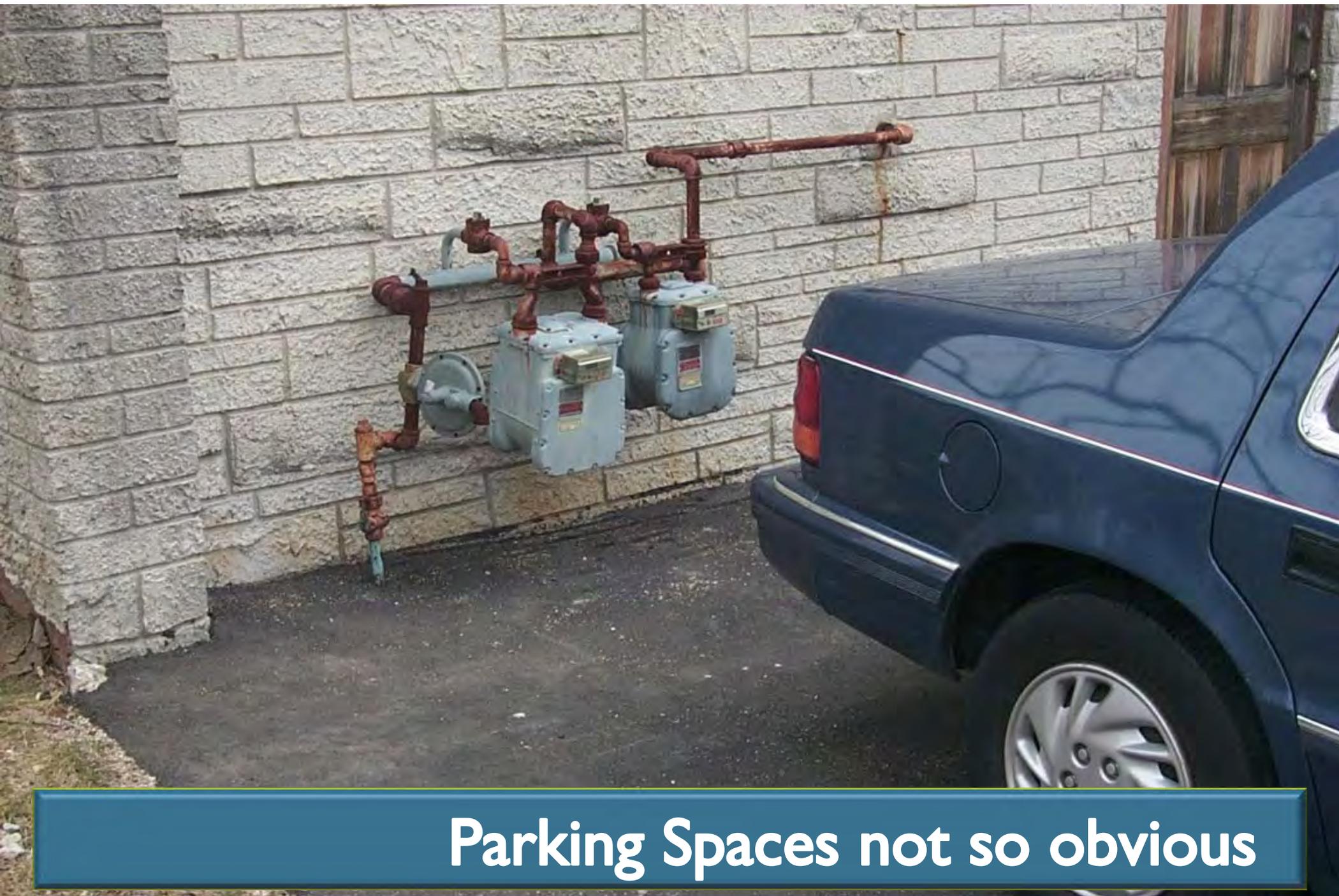


“Vehicular Damage
that may be
anticipated”

What should we consider when protecting meter sets from “Vehicular damage that may be anticipated.”



Meters in parking spaces.



Parking Spaces not so obvious



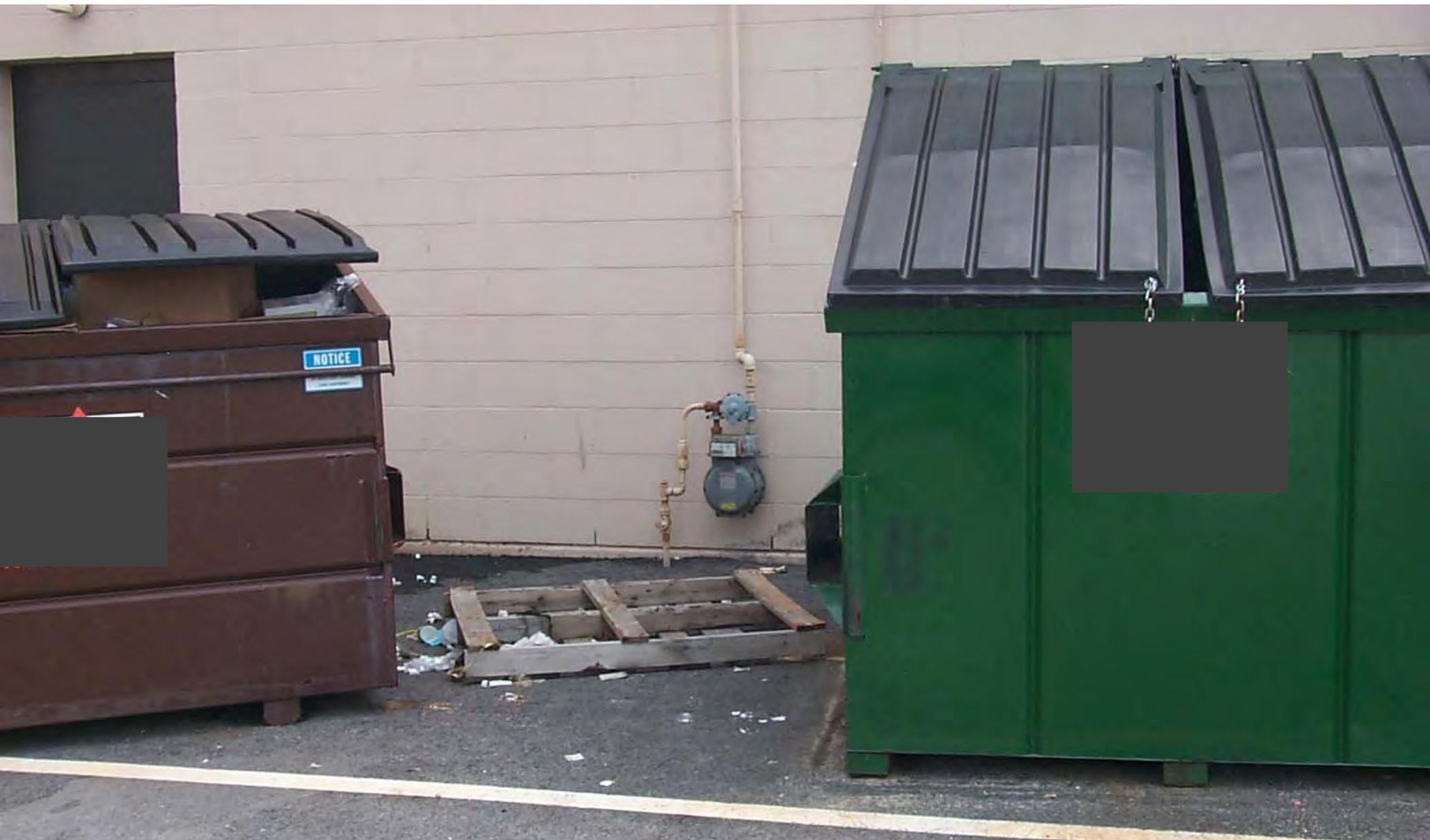
When we installed
the meter there
wasn't any parking
space here!



In front of garages

Trucks backing into loading docks.





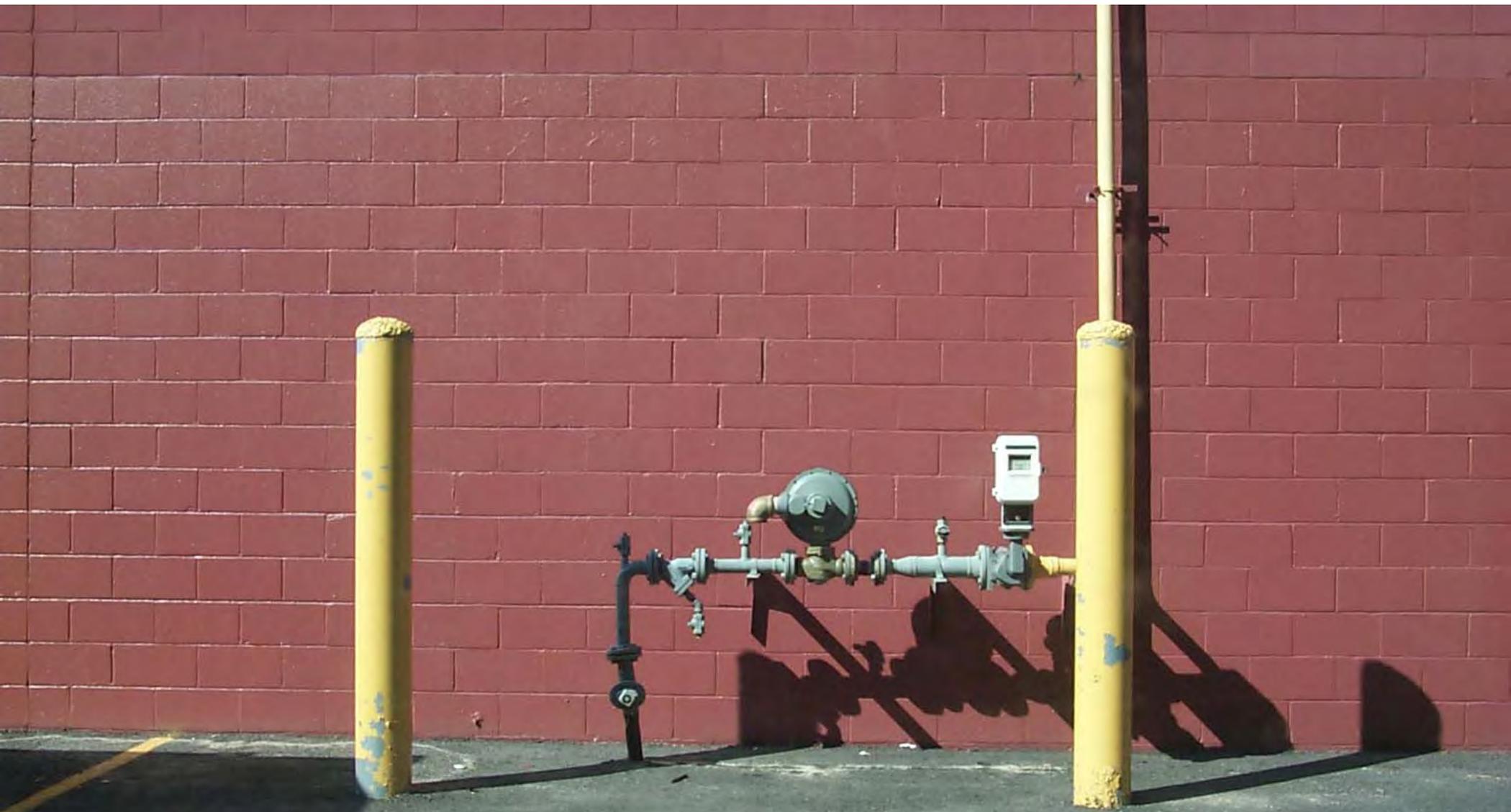
Waste Haulers.

What is Adequate
Protection?





Is one pole enough?



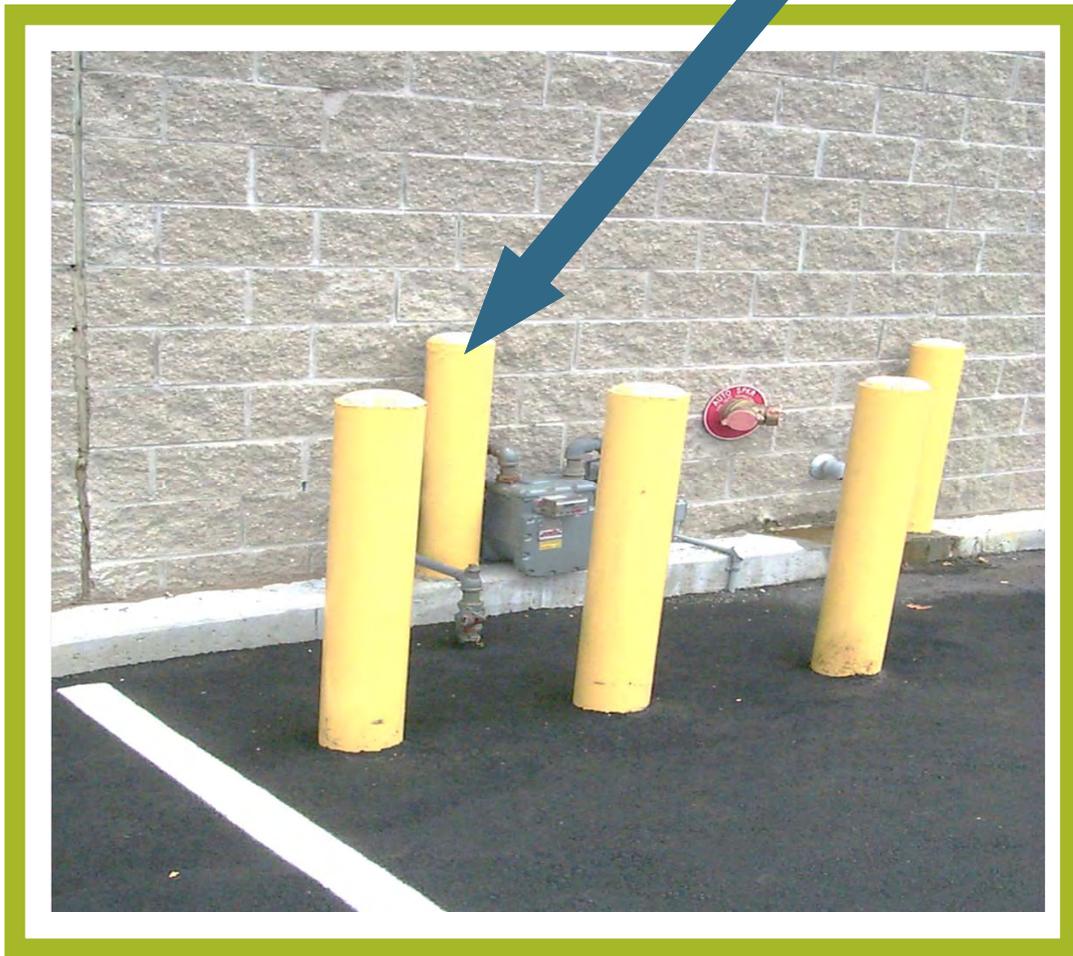
Can you drive a car through the opening?







Post size matters, just keep adding them until you have enough.



**But you
don't have
to go
overboard
by adding
too many
posts.**



Integrity Management









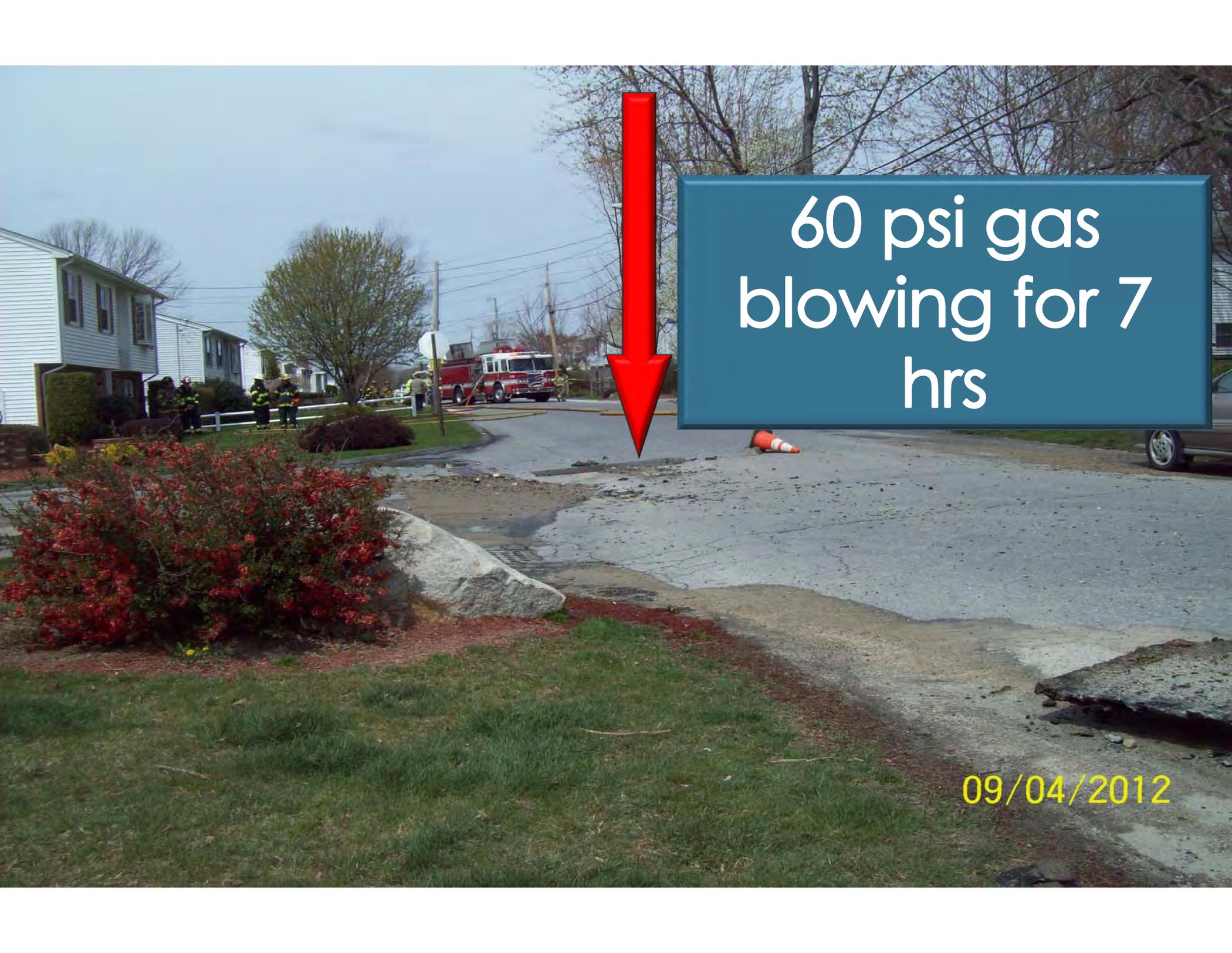


Hit Line!!

09/04/2012



09/04/2012



60 psi gas
blowing for 7
hrs

09/04/2012



60 psi gas
blowing here



Backhoe
operator who hit
the gas line is
taking pictures
with his cell
phone.



**HIS MOTHER
WORKS FOR
STATE
COMMISSION.**

Gas line is
Mismarked
by 26
inches



Company to perform electrofusion
with a brand new machine



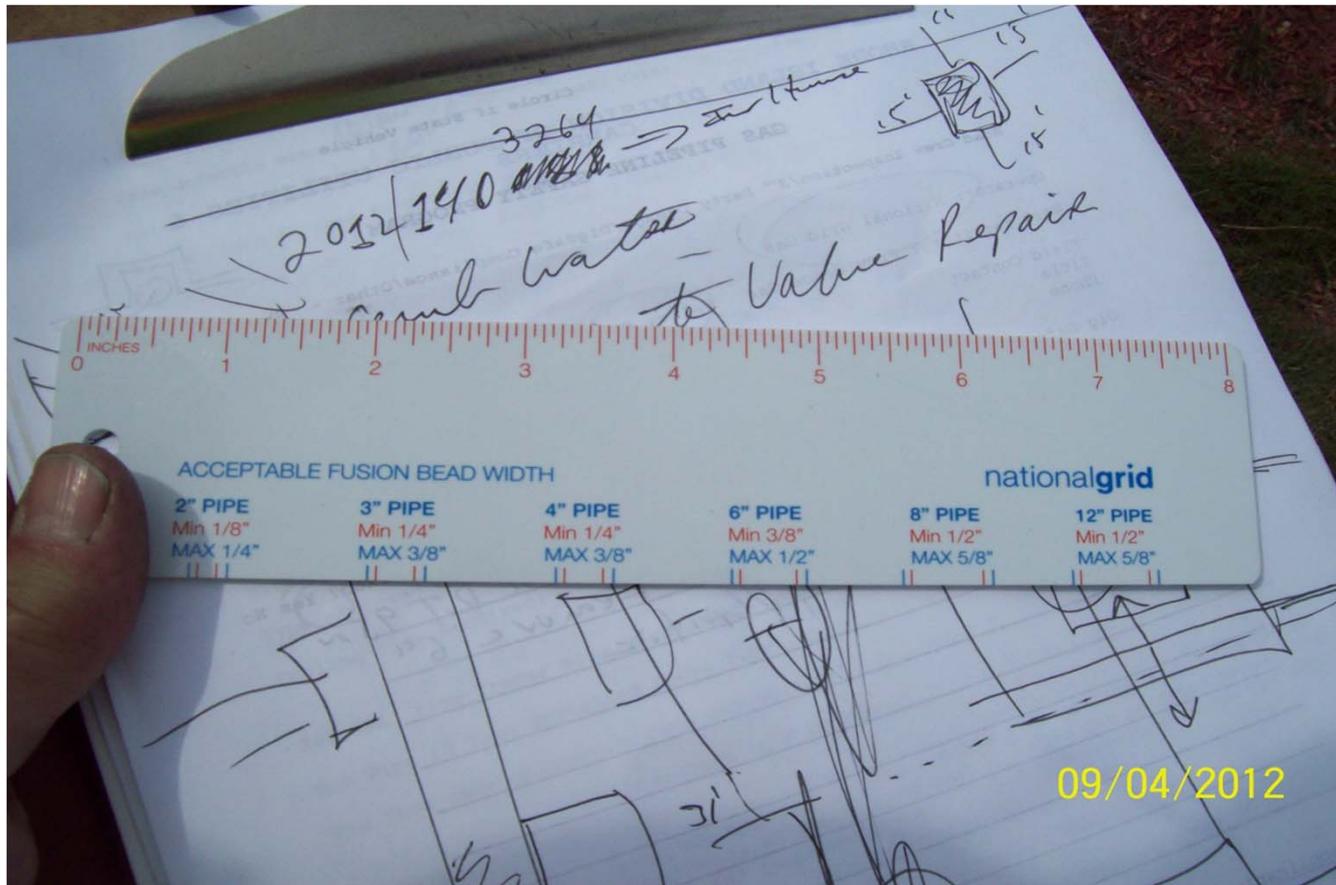
Company employee starts soaping up
the electrofusion area!

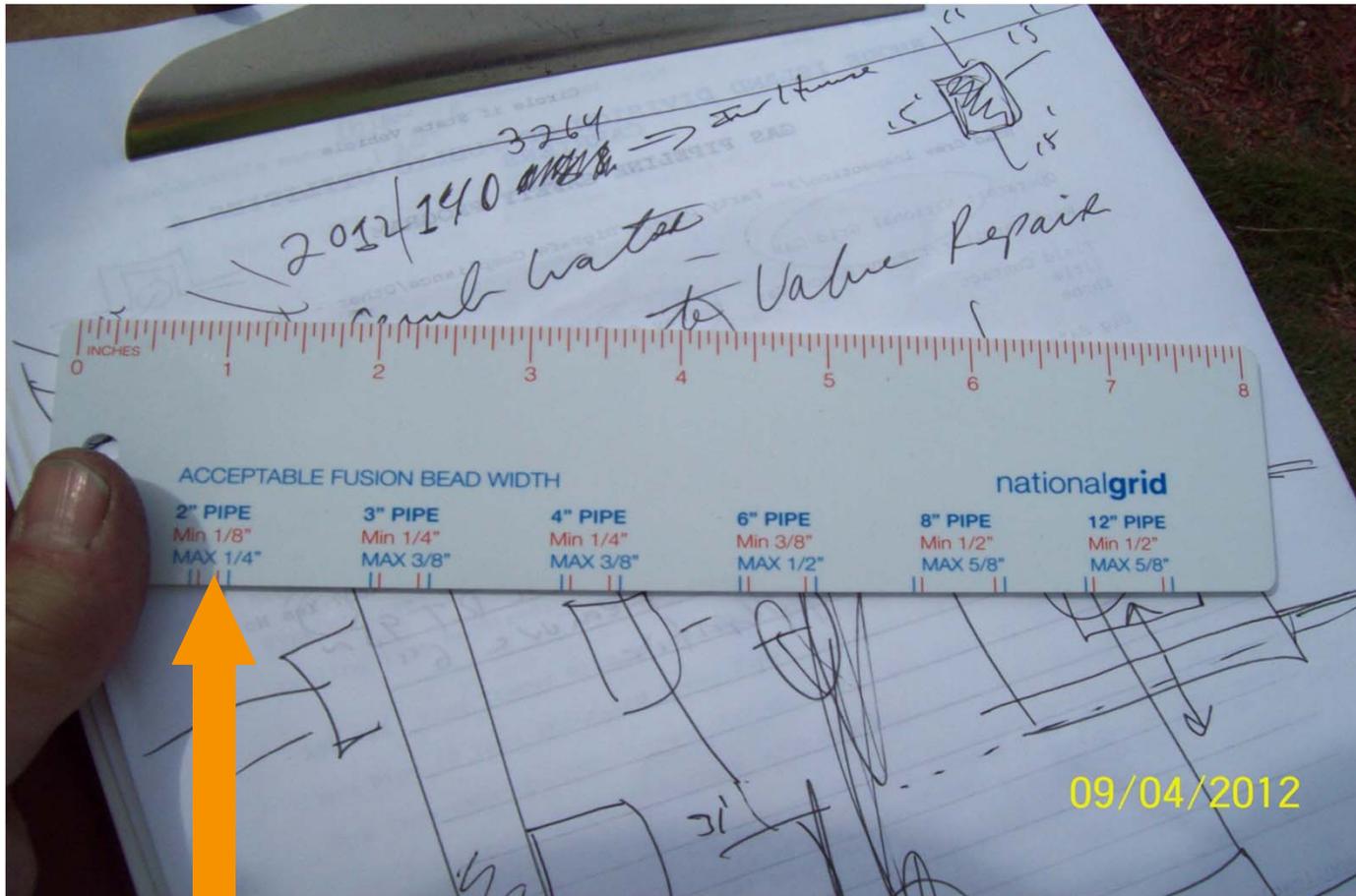


Company employee about to perform a butt fusion.



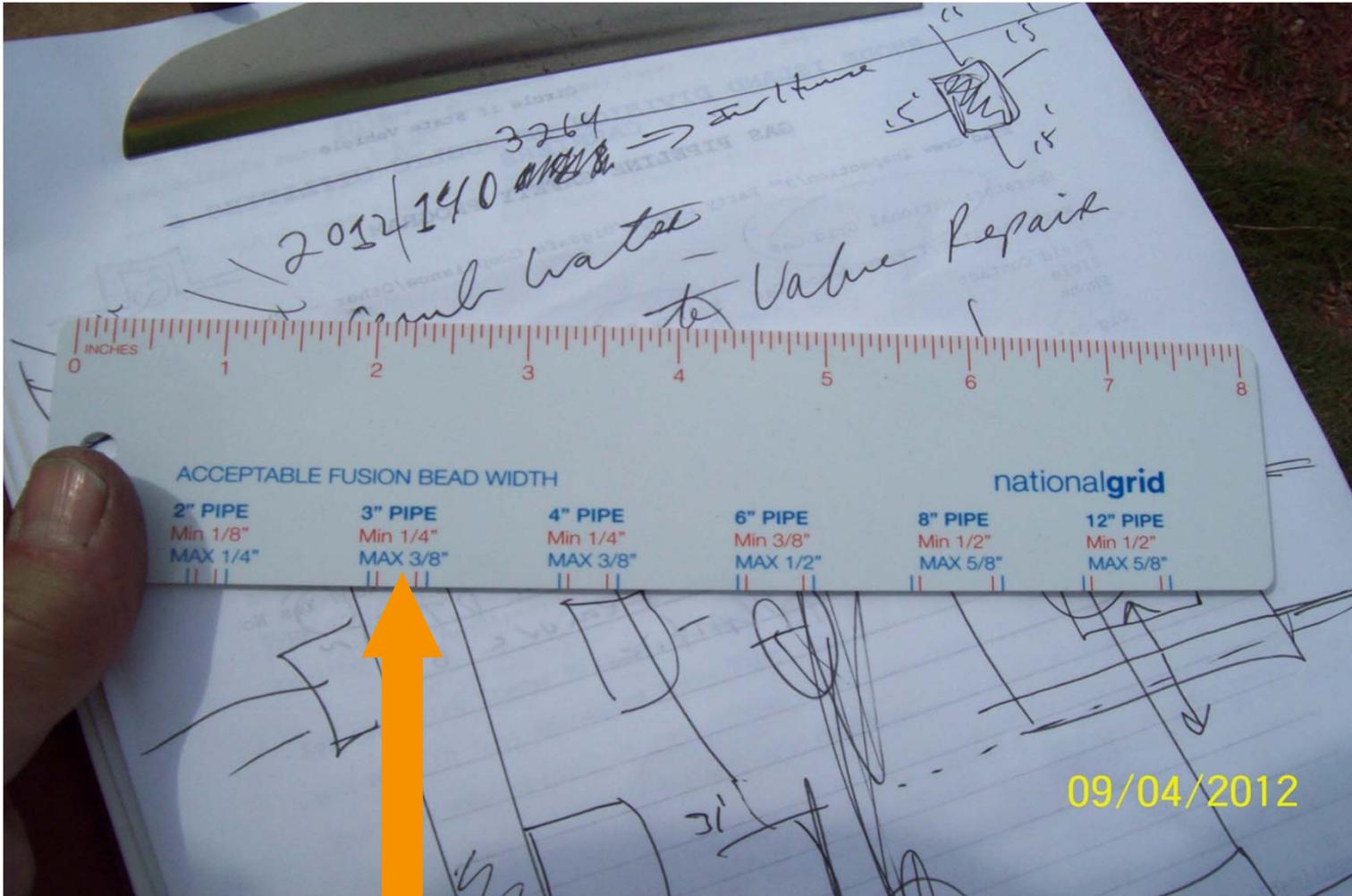
Company employee shows a new device to measure bead widths





Employee
uses the 2"
pipe criteria

For a 3" pipe!



What is This?



Active Oil Well at McDonald's Drive Thru – Bradford, PA









Be Careful and Be Safe

If it doesn't look right –
It probably isn't....

