

**HARBOUR ISLES COMMUNITY DEVELOPMENT DISTRICT**  
**DISTRICT OFFICE • 3434 COLWELL AVENUE • SUITE 200 • TAMPA, FL 33614**

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January 12, 2015

Board of Supervisors  
**Harbour Isles Community  
Development District**

**AGENDA**

Dear Board Members:

The special meeting of the Board of Supervisors of the Harbour Isles Community Development District will be held on **Tuesday, January 20, 2015 at 11:00 a.m.**, at the Harbour Isles Clubhouse located at 121 Spindle Shell Way, Apollo Beach, Florida 33572. The following is the agenda for this meeting:

- 1. CALL TO ORDER/ROLL CALL**
- 2. PLEDGE OF ALLEGIANCE**
- 3. AUDIENCE COMMENTS**
- 4. BUSINESS ITEMS**
  - A. Discussion of Fitness Center
    - i. Builder Issues
    - ii. Landscaping Issues
    - iii. Hours of Operation .....Tab 1
  - B. Consideration of People’s Gas Device Installation .....Tab 2
- 5. STAFF REPORTS AND UPDATES**
  - A. District Engineer
  - B. District Counsel
  - C. District Manager
- 6. SUPERVISOR REQUESTS**
- 7. ADJOURNMENT**

I look forward to seeing you at the meeting. In the meantime, if you have any questions, please do not hesitate to contact me at (813) 933-5571.

Sincerely,

*Gregory B. Cox*

Greg Cox  
District Manager

# Tab 1

### Fitness Center Hours of Operation Comparison

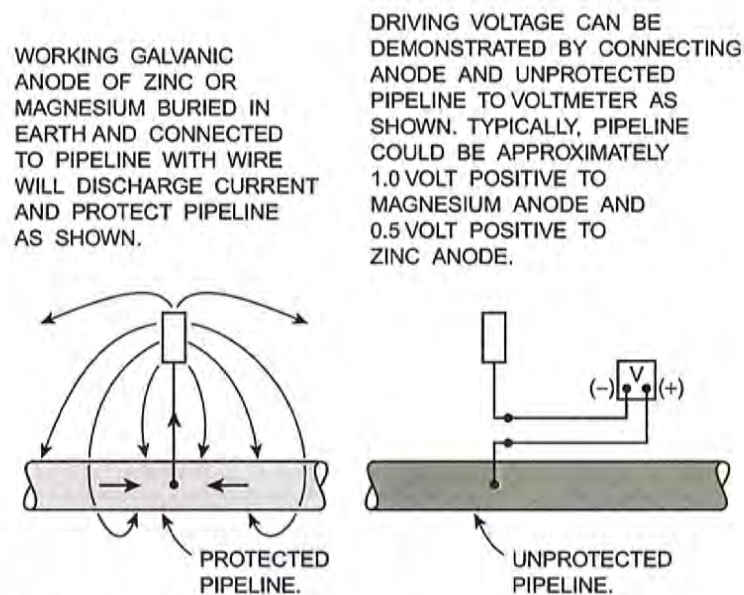
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
<b>Harbour Isles</b>	5am - 12am	5am - 12am	5am - 12am	5am - 12am	5am - 12am	5am - 12am	5am - 12am	
<b>Mirabay</b>	5:30am - 9pm	5:30am - 9pm	5:30am - 9pm	5:30am - 9pm	5:30am - 9pm	7am - 8pm	9am - 8pm	<i>CDD policy docs</i>
<b>Covington</b>	6am - 10pm	6am - 10pm	6am - 10pm	6am - 10pm	6am - 10pm	6am - 10pm	6am - 10pm	<i>672-9423 spoke w/ Dennis</i>
<b>Waterset</b>	4am - 11pm	4am - 11pm	4am - 11pm	4am - 11pm	4am - 11pm	4am - 11pm	4am - 11pm	<i>235-0154 spoke w/Roxeanne, also posted on door</i>

## **Tab 2**



Pole installation





**Figure 3.2** Cathodic protection with galvanic anodes.

a power source. **Figure 3.1** illustrates this situation. **The most common power source is the rectifier. This device converts alternating current (AC) electric power to low-voltage direct current (DC) power. Rectifiers usually are provided with the means for varying the DC output voltage, in small increments, over a reasonably wide range.** Although the maximum output voltage may be less than 10 V or close to 100 V, most pipeline rectifiers operate in the range between 10 and 50 V and can be obtained with maximum current outputs ranging from less than 10 A to several hundred amperes. This serves to illustrate the flexibility in choice of power source capacity available to the corrosion engineer when planning an impressed current CP system.

Any other reliable source of DC electric power can be used for impressed current CP systems. Some of these are discussed in Chapter 10. Details of the design of rectifier installations are treated in Chapter 8.

## Criteria for Cathodic Protection

Although the basic theory of CP is simple (impressing DC on a structure to reduce the corrosion rate), the obvious question that arises is: How do we know when we have attained adequate protection on a buried structure? The answer to this question is that various criteria have been developed over the years that permit a determination of whether adequate protection is being achieved. Those criteria in more common usage involve measuring the potential between the pipeline and earth. The measurement permits a rapid and reliable determination of the degree of protection attained. Basically,

should be made in the same manner in order to detect any deterioration of efficiency ones a period of time.

## RECTIFIER INSTALLATION DETAILS

Various standards for rectifier installation are used by operating pipeline companies. Installation practices differ depending on local conditions and individual preferences. There is no universal standard in effect. Rectifier installation sketches are shown below, which may be adapted as necessary to meet the user's requirements.

Figure 8.5 illustrates a method for installing a pole-mounted CP rectifier. Most instances of air-cooled rectifiers are pole mounted, as shown in the figure.

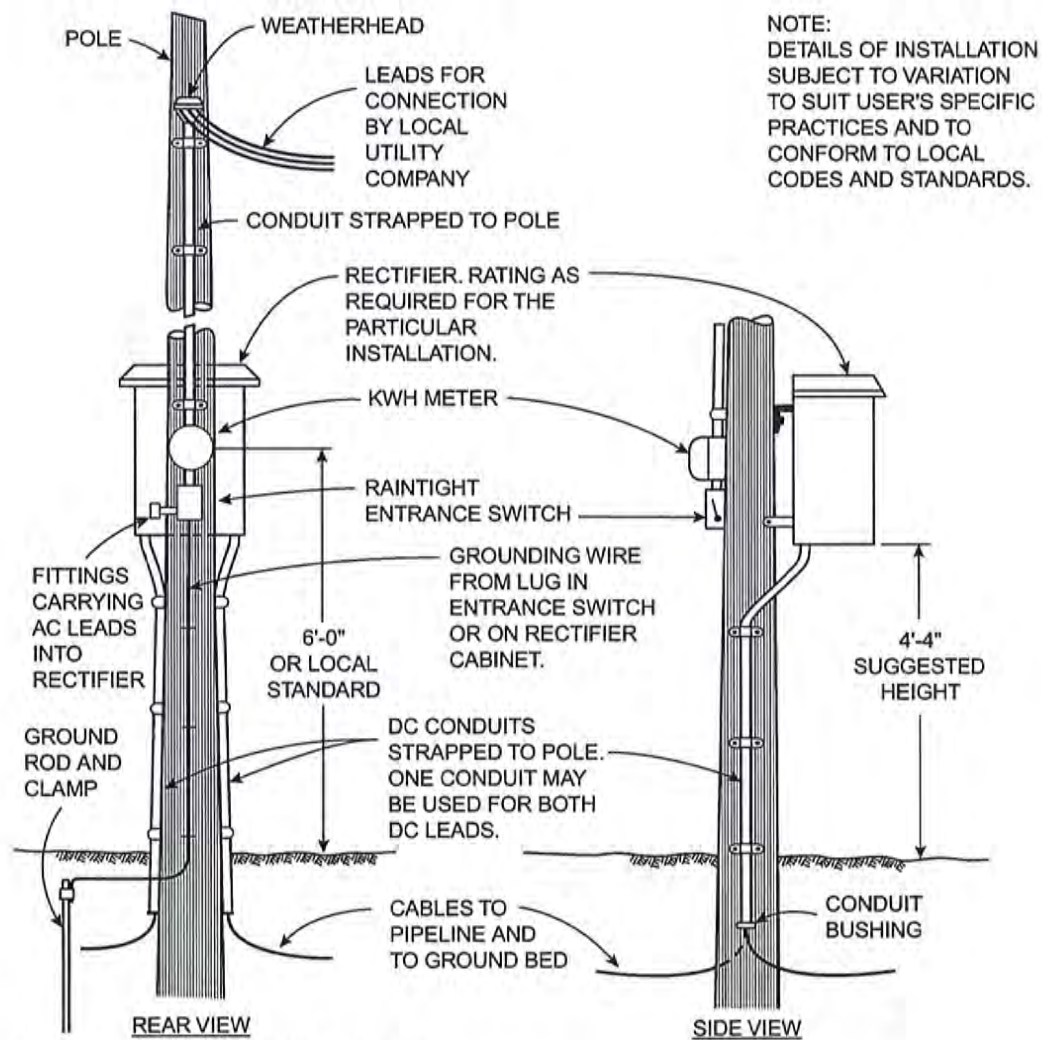


Figure 8.5 Pole mounted rectifier.