

# CenterPoint Energy SPECIFICATION FOR CUSTOMER 138 KV SUBSTATION DESIGN

USER: R41111AMS1 NEWHP8 FILE: C000425 TIME: 10:15:44 AM DATE: Mon, Aug 8, 2005

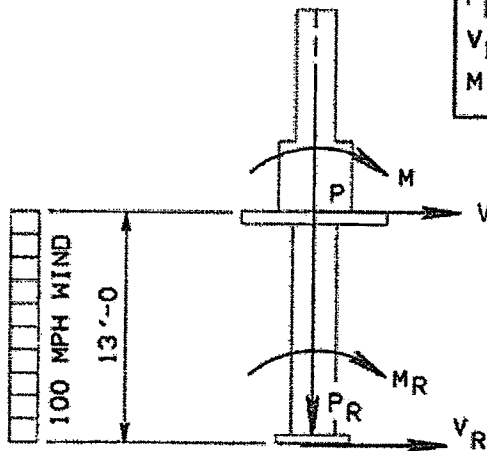
## DESIGN CONDITIONS:

1. LIMIT INSTRUMENT MOUNTING BOLT SPACING TO NO LESS THAN 15" CENTER TO CENTER.
2. SHOULD NOT EXCEED THESE VALUES:

P = 4.7 KIPS  
V = 1.0 KIPS  
M = 74.0 INCH KIPS

## FOUNDATION LOADS

$P_R = 5.4$  KIPS  
 $V_R = 2.0$  KIPS  
 $M_R = 307.0$  INCH KIPS



## NOTE:

CUSTOMER MUST MAINTAIN ALL NESC PHASE TO GROUND AND PHASE TO PHASE CLEARANCES.

13'-0 HEIGHT  
HEAVY DUTY

## DESIGN CRITERIA

### 138KV STANDARD INSTRUMENT TRANSFORMER STAND

#### CENTERPOINT ENERGY, INC.

|                 |     |                  |
|-----------------|-----|------------------|
| DESIGN 1-24-94  | REV | SCALE NTS        |
| CHECKED 1-24-94 | REV | SCALE 2" = 6'-0" |
| CORRECT         |     | WORKING NUMBER   |
| APPROVED        |     | 17119006         |

| NO. | DATE | JOB NO. | REVISION | BY | CHK | CDR | APP |
|-----|------|---------|----------|----|-----|-----|-----|
|-----|------|---------|----------|----|-----|-----|-----|

Rev 14 Date 7-22-2005 Items Revised 4000A and other updates

Specification No. 007-231-14

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