

CenterPoint Energy SPECIFICATION FOR CUSTOMER 138 KV SUBSTATION DESIGN

USER: BULLIAMS NEWMP8 FILE: 000x525 TIME: 10:14:44 AM DATE: Mon, Aug 8, 2005

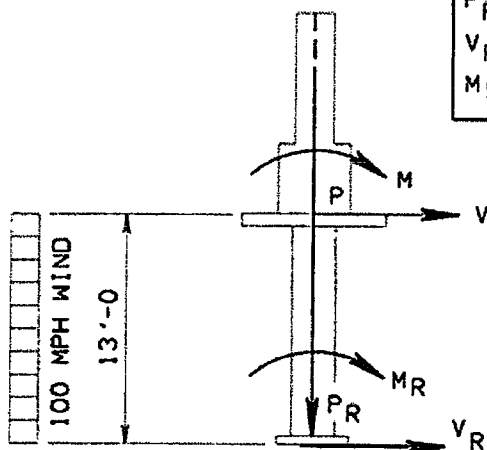
DESIGN CONDITIONS:

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.

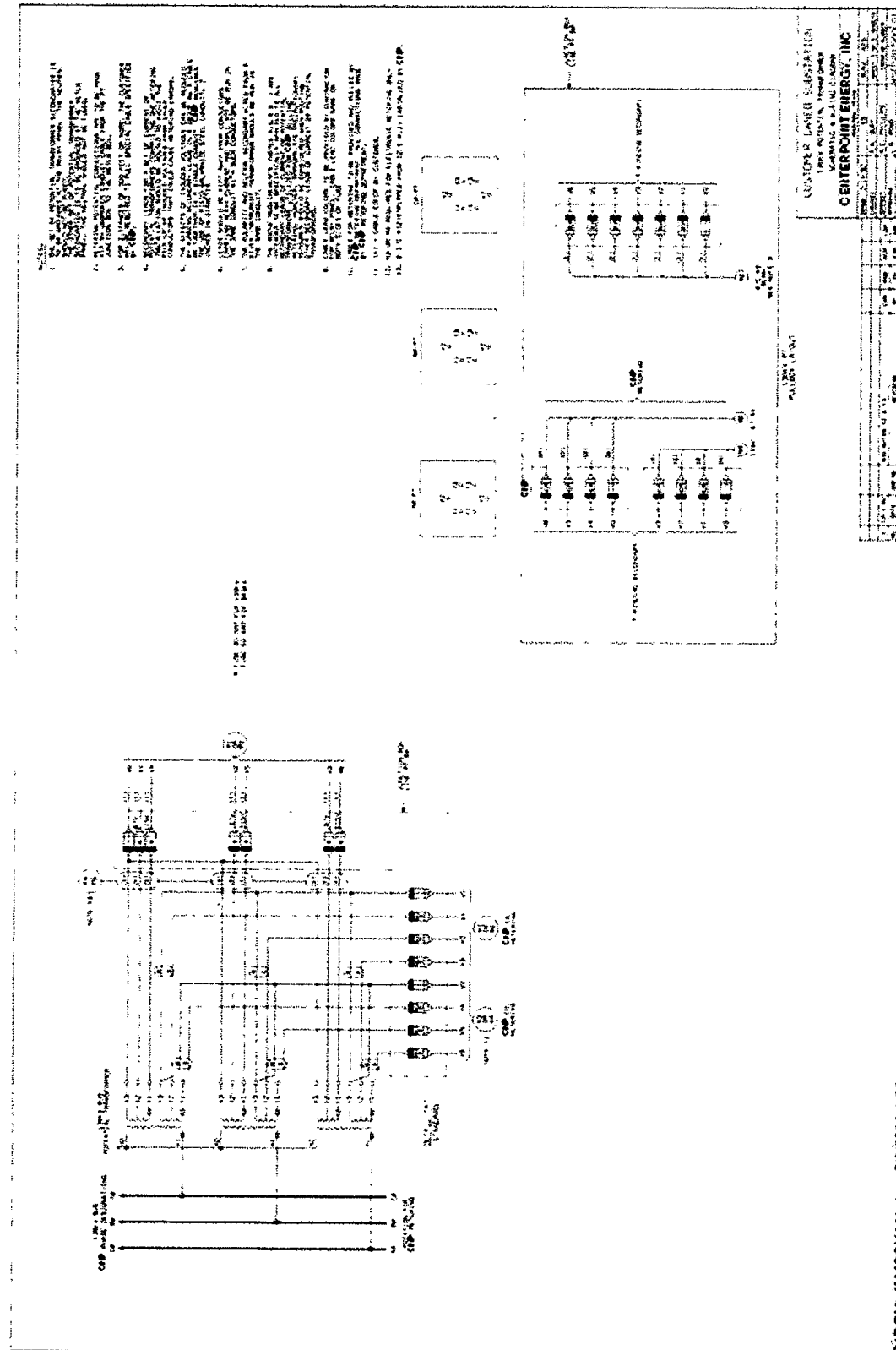
13'-0 HEIGHT
HEAVY DUTY

DESIGN CRITERIA
138KV STANDARD
INSTRUMENT TRANSFORMER STAND
CENTERPOINT ENERGY, INC.
HOUSTON, TEXAS

DESIGN 1-24-94	REK	SCALE NTS
CHECKED 1-24-94	REK	PAGE 4 OF 4 SHEETS
CORRECT		DRAWING NUMBER
APPROVED		171190 06

NO.	DATE	JOB NO.	REVISION	BY	CHK	CON	APP
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