

G L Pat Ervin

San Diego 2000

an environmental development

Tomorrow...



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EXECUTIVE SUMMARY

San Diego 2000 proposes the relocation of an existing San Diego Gas & Electric (SDG&E) electric substation at Ketner Boulevard and E Street and reallocating the 45,000 square foot city block for some other more profitable and aesthetic utilization of space. Modern, compact electric substation technology requiring only 5,000 square feet permits the substation relocation either inside the 45,000 square foot former SDG&E power plant across the street or in an adjacent parking lot. The former SDG&E power plant at the intersection of Ketner Boulevard and Broadway is for sale.

Over the last twenty years Asea Brown Boveri, ABB, has supplied the miniaturization technology in over 3000 installations worldwide. This technology is used extensively in Europe because of the premium value of land and the proximity of electrical equipment to populated areas.

SDGE Downtown San Diego Property

San diego Power & Cooling
A Ridgewood Power Company

Park Row Condominiums

Ketner Boulevard

Broadway

**SDGE Power
Plant (no longer
in service)**

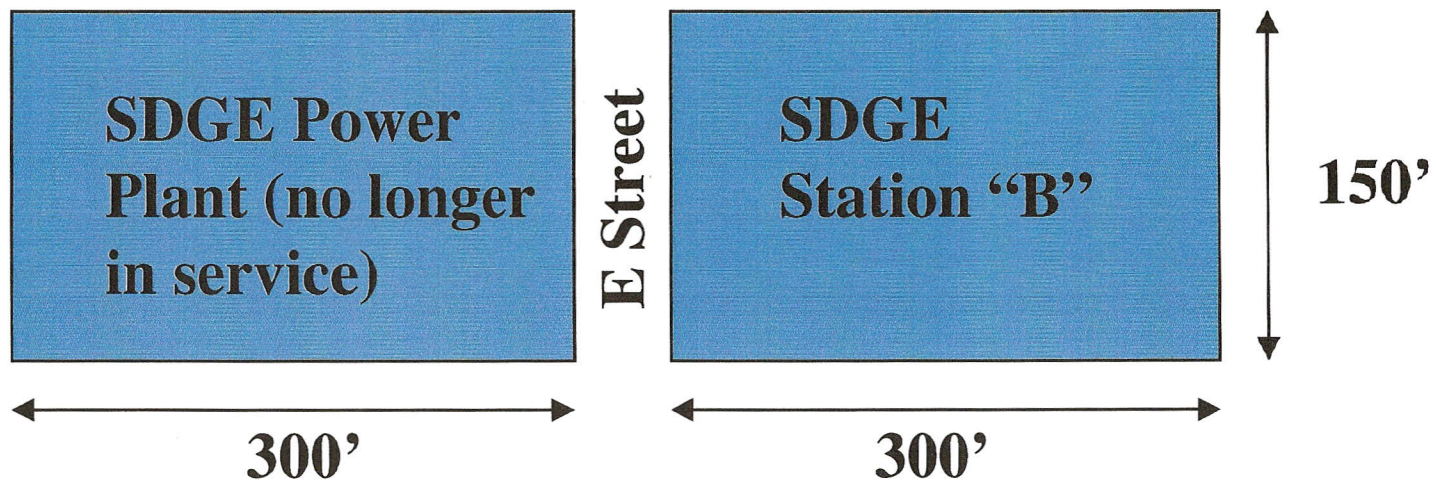
E Street

**SDGE
Station "B"**

150'

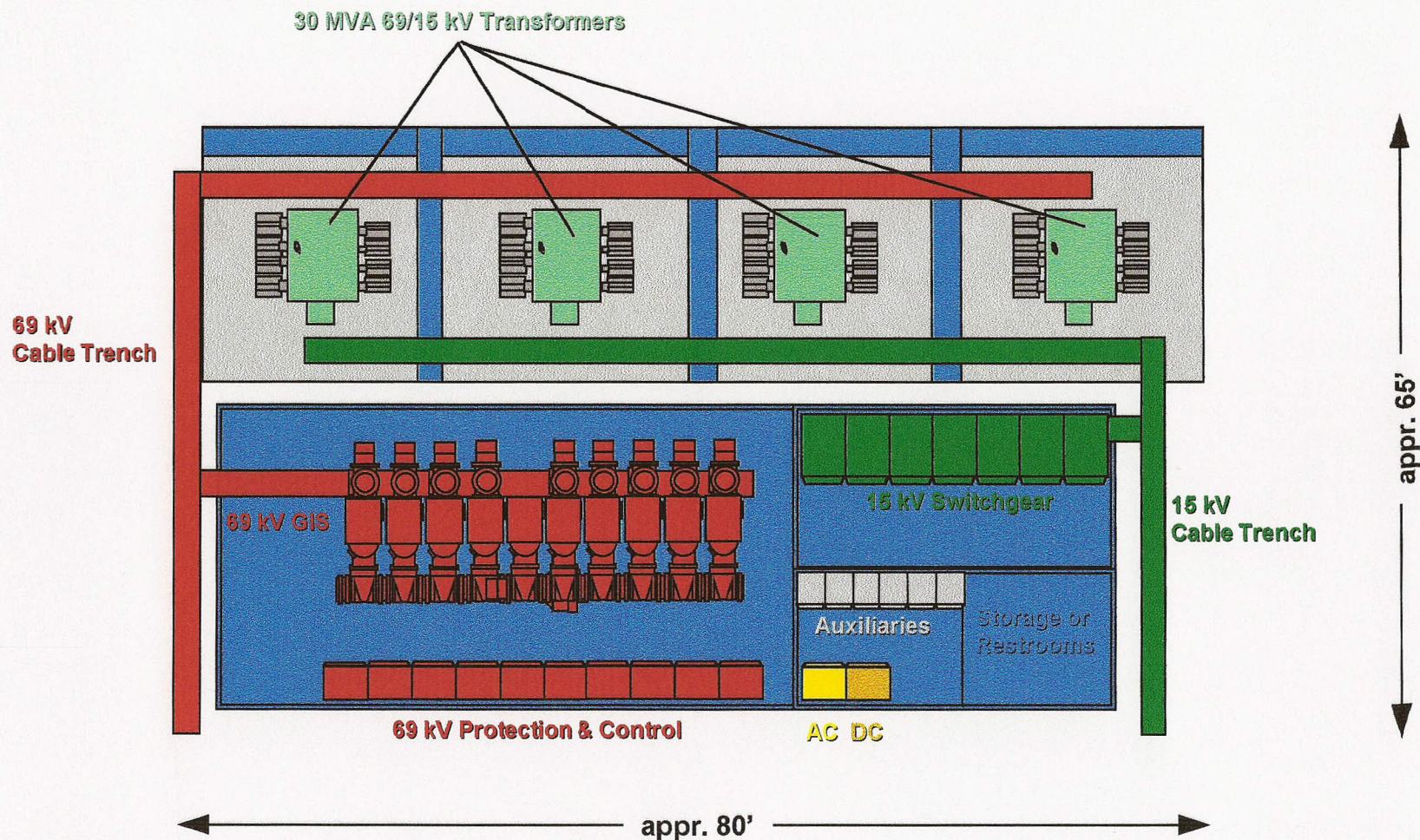
300'

300'



69/15 kV Substation (Conceptual)

UNDERGROUND POWER SUPPLY



Power T&D Company Inc.
HV SYSTEMS DIVISION

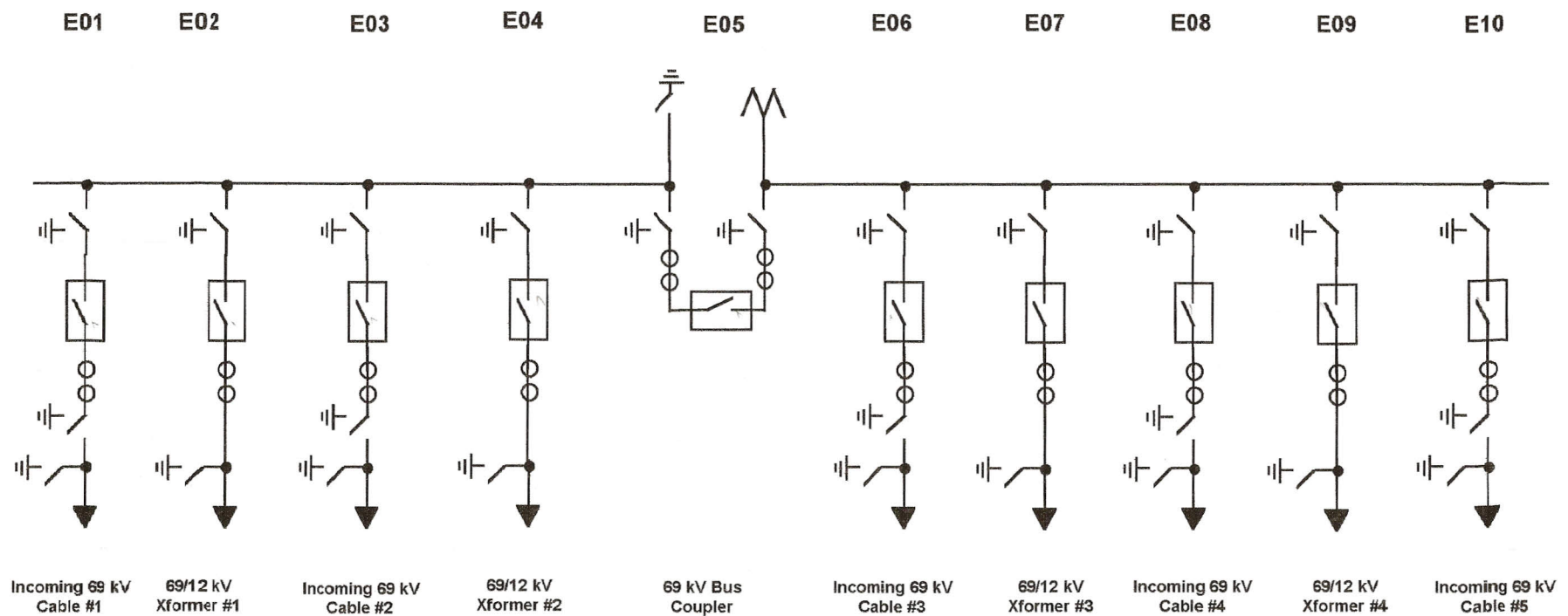
SUBSTATION LAYOUT PLAN VIEW

Scale: N.T.S. FEB 9, 1998

By: L. Boettger Rev No 0

File: SanDiego.PPT SHEET 1

Single-line diagram:



SF₆ GIS type ELK-0 (72.5 to 170 kV)

Underground 145 / 20 kV transformer substation



DEACE/HGM - Za 040696_1E

ABB Calor Emag Schaltanlagen AG



SF₆ GIS type ELK-0 (72.5 to 170 kV)

Underground 145 / 20 kV transformer substation

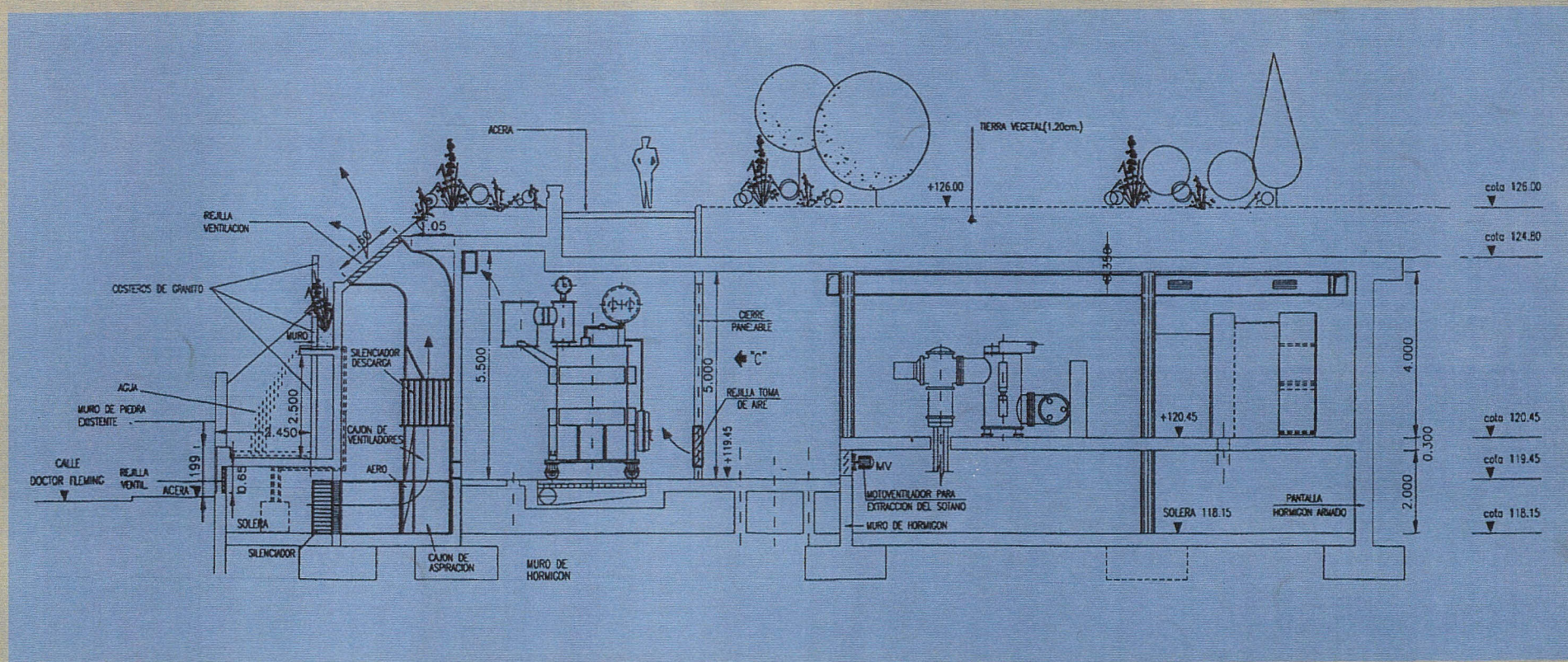


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