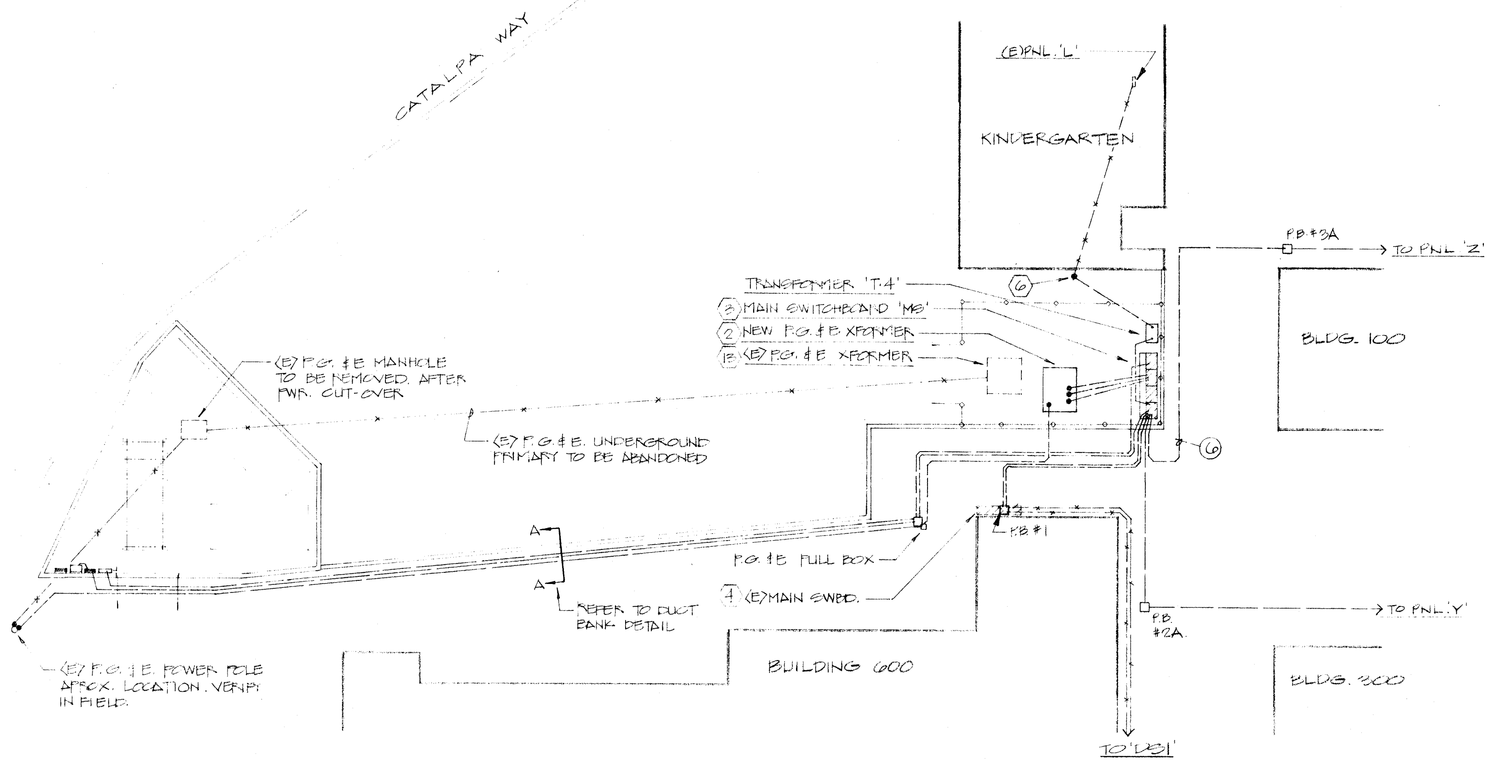
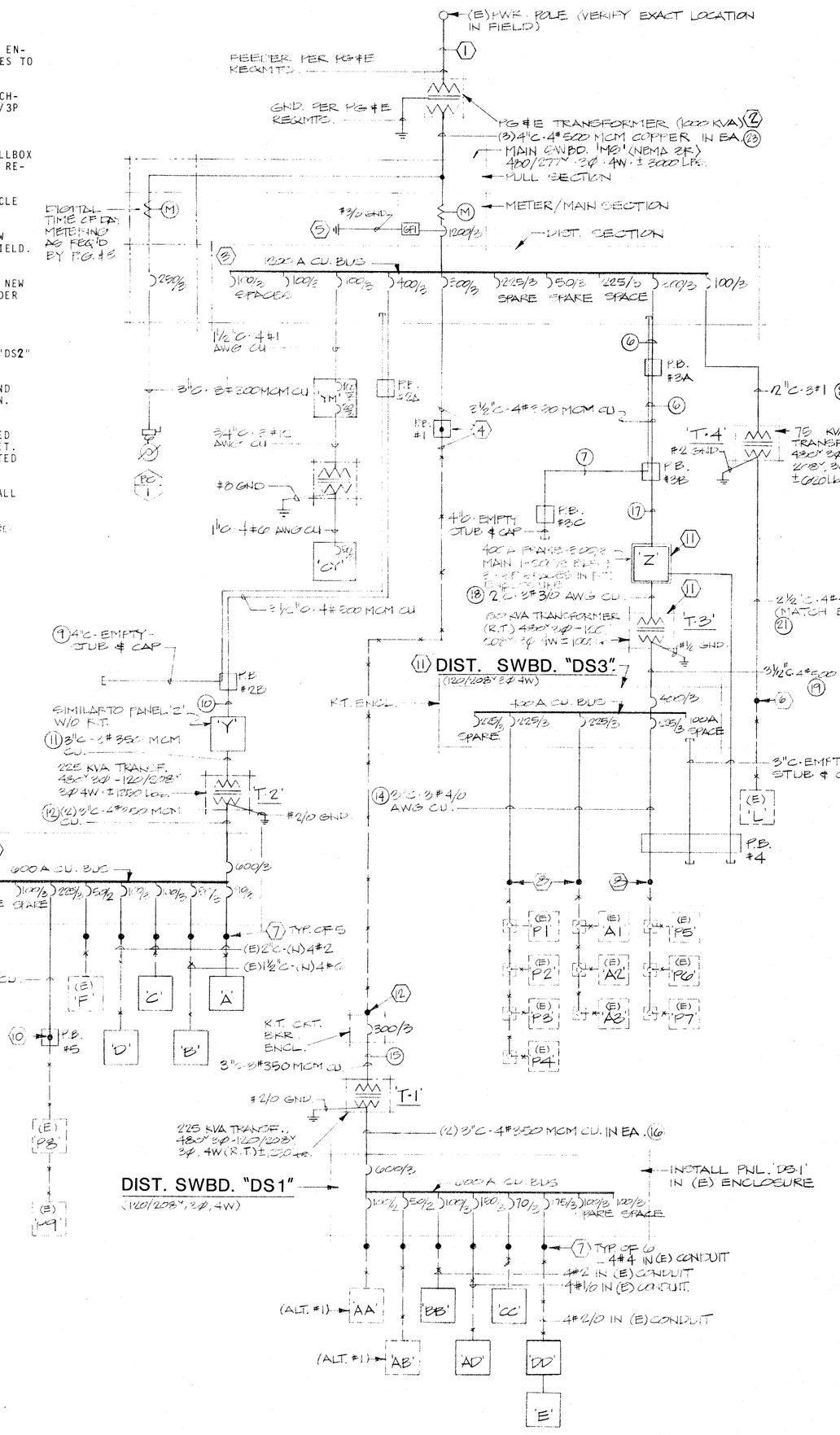


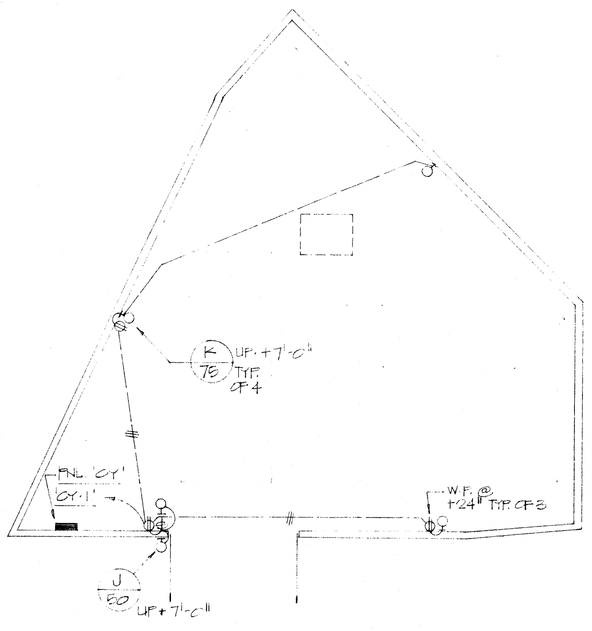
PARTIAL ELECTRICAL SITE PLAN

1/16" = 1'-0"

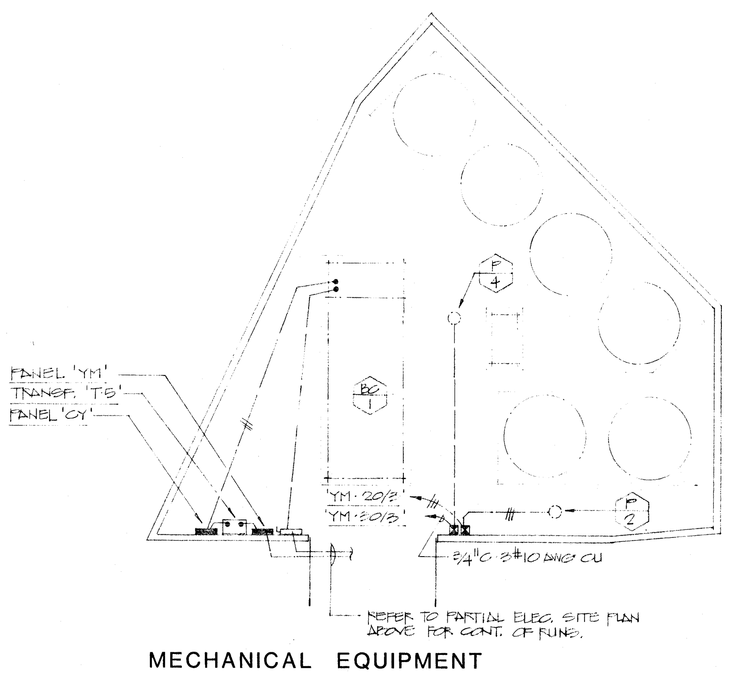
NOTES THIS SHEET ONLY:

1. NEW PG&E SERVICE PER PG&E REQUIREMENTS.
2. NEW 1000 KVA PG&E TRANSFORMER MOUNTED INSIDE ELECTRICAL ENCLOSURE. GROUND PER PG&E REQUIREMENTS. MINIMUM CLEARANCES TO BE VERIFIED WITH PG&E.
3. NEW MAIN SWITCHBOARD "MS" WITH NEMA 3R ENCLOSURE. SWITCHBOARD TO HAVE UNDERGROUND PULL SECTION, METER AND 1200A/3P MAIN CIRCUIT BREAKER SECTION AND DISTRIBUTION SECTION. SWITCHBOARD TO BE 480/277V, 3Ø, 4 WIRE RATED.
4. EXISTING MAIN SWITCHBOARD TO BE REMOVED. INSTALL NEW PULLBOX OVER EXISTING FEEDERS AND EXTEND EXISTING FEEDERS TO BE RE-USED TO "MS".
5. COLD WATER PIPE GROUND PLUS UFER GROUND PER N.E.C. ARTICLE 250 REQUIREMENTS.
6. INTERCEPT EXISTING FEEDER TO PANEL "L" AND EXTEND TO NEW PANEL "CY". SIZE OF EXISTING FEEDER TO BE VERIFIED IN FIELD. SIZE OF NEW FEEDER SHALL MATCH EXISTING.
7. INTERCEPT EXISTING FEEDER AND EXTEND TO NEW PANEL. PULL NEW CONDUCTORS - SIZE AS SHOWN. VERIFY SIZE OF EXISTING FEEDER IN FIELD.
8. INSTALL NEW FEEDER AND CONNECT TO EXISTING.
9. EXISTING DISTRIBUTION BOARD TO BE REMOVED. INSTALL NEW "DS2" OVER EXISTING FEEDERS AND CONNECT AS SHOWN.
10. INTERCEPT EXISTING FEEDER, INSTALL NEW PULLBOX AND EXTEND FEEDER TO NEW PANEL. PULL NEW CONDUCTORS - SIZE AS SHOWN. VERIFY SIZE OF EXISTING FEEDER IN FIELD.
11. NEW PANELS "Z" AND "DS3" AND TRANSFORMER SHALL BE MOUNTED NEAR EXISTING PORTABLE BUT NOT PERMANENTLY ATTACHED TO IT. ALL EQUIPMENT INTENDED FOR FLOOR MOUNTING SHALL BE MOUNTED ON 4" CONCRETE PAD. ALL EQUIPMENT TO BE RAINTIGHT.
12. INTERCEPT EXISTING FEEDER AND EXTEND AS NEEDED TO NEW WALL MOUNTED RAINTIGHT CIRCUIT BREAKER ENCLOSURE.
13. EXISTING P.G. & E. TRANSFORMER TO BE REMOVED AFTER POWER CUT-OVER.

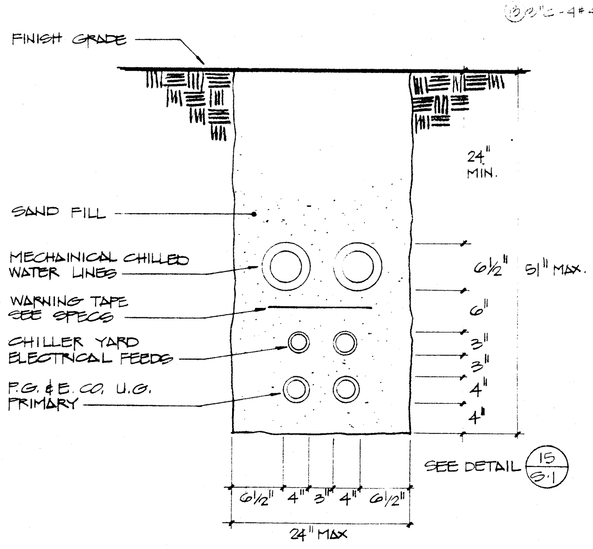




LIGHTING AND POWER



MECHANICAL EQUIPMENT



DUCT BANK DETAIL "AA"

N.T.S.

CHILLER YARD PLANS

SCALE: 1/8" = 1'-0"

ONE LINE DIAGRAM

N.T.S.

architects - planners

bfgc

approved

ELECTRICAL ENGINEER 5121	INTERSTATE ENGINEERING, INC.

C. 3132
C. 3269
*C. 6564
C. 8021
C. 8702

© copyrighted 1989

bfgc inc.
architects planners
31 south real road box 9698
bakersfield california 93309
805 832 8122

PARTIAL ELEC. SITE PLAN, CHILLER YARD PLAN & ONE LINE DIAGRAM

HORACE MANN MODERNIZATION

BAKERSFIELD CIY SCHOOL DISTRICT
2710 NILES AVENUE
BAKERSFIELD, CALIFORNIA 93307

job 87127
date FEB 89

sheet E 1.A