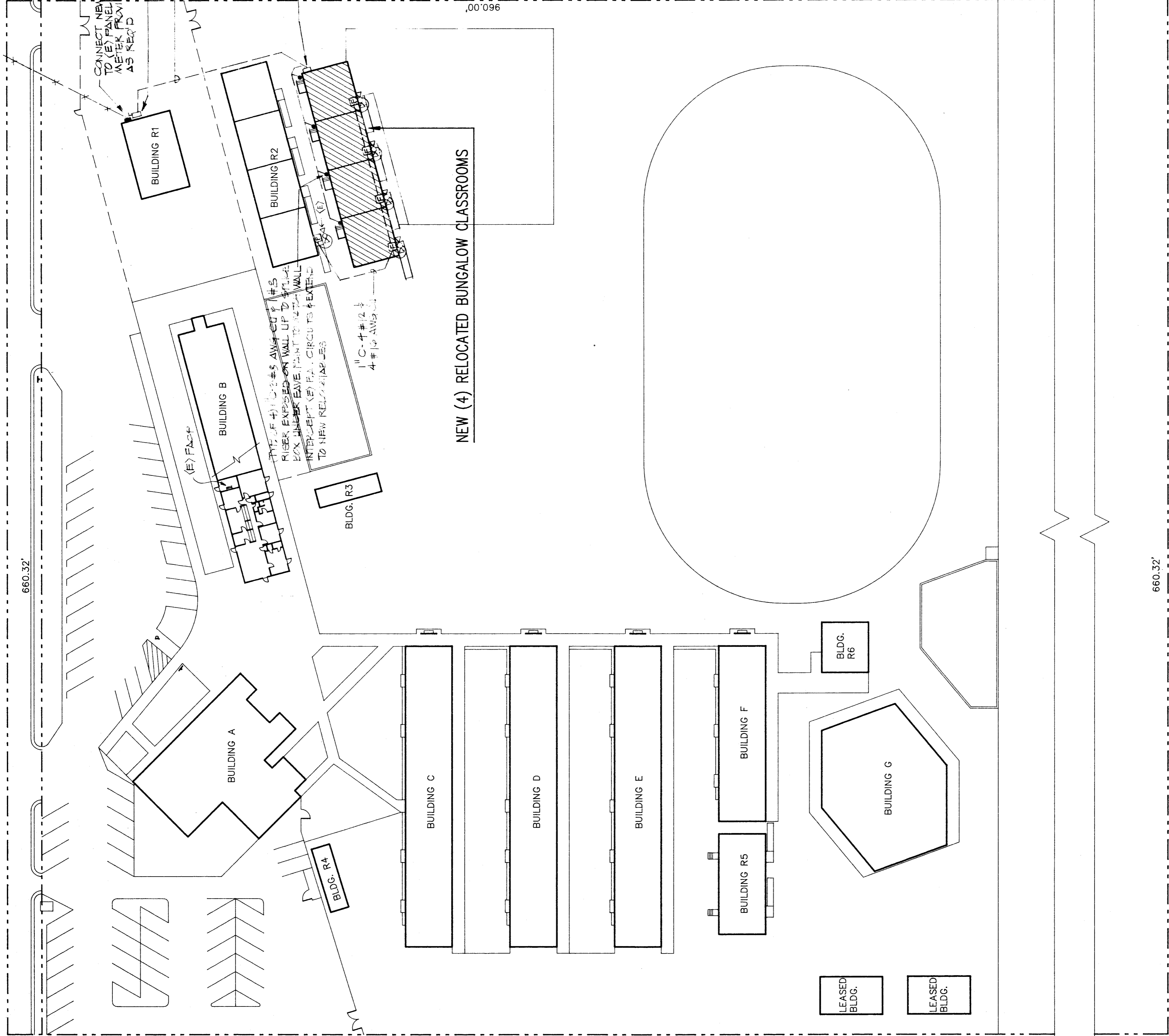


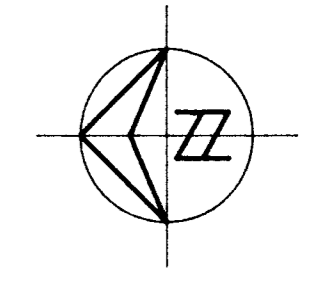
TEXAS STREET



00'096

660.32'

660.32'



ELECTRICAL SITE PLAN

SCALE : 1" = 40'-0"

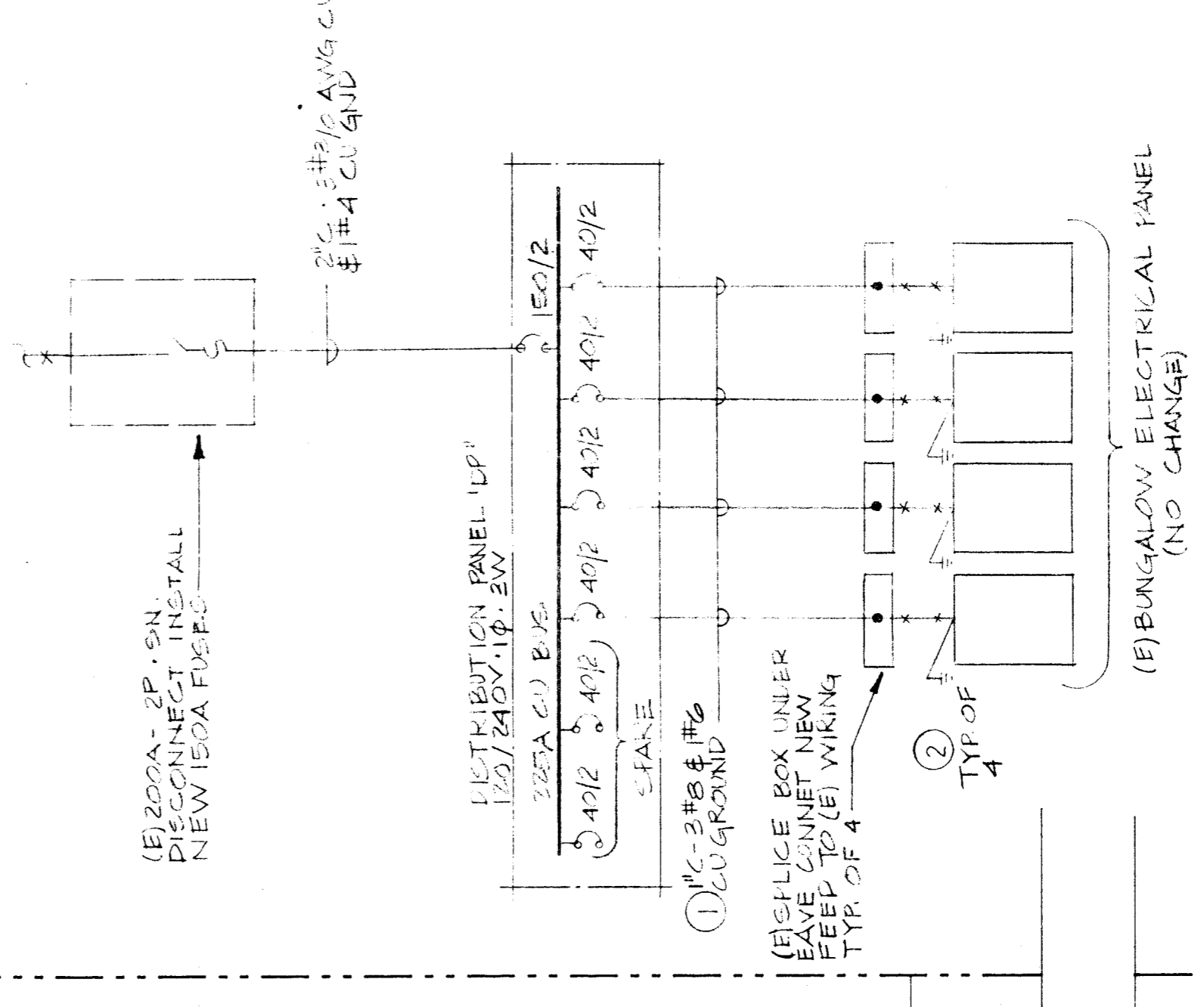
"The power source has been investigated and is adequate for the load"

By *James W. Graham*
James W. Graham EE5101

NOTE: EACH RELOCATABLE HAS A DEMAND LOAD OF 30 AMPS

SINGLE LINE DIAGRAM

NOT TO SCALE



(E)

SYMBOL	NAME	DESCRIPTION
(N)	DESIGNATES NEW ITEM	
(E)	DESIGNATES EXISTING ITEM	
—	ELECTRICAL PANEL	
(E)	ELECTRICAL SWITCHBOARD	
—	WIRING UNDERGROUND	SEE PLANS FOR SIZES
—	WIRING EXPOSED	
—	CONDUIT RISER	
—	(E) WIRING	SEE DETAIL
—	PULL BOX	
—	FIRE ALARM PULL STATION	PYROTRONICS #MS-151, CSFM #7150-06736
—	FIRE ALARM HORN	PYROTRONICS #HDC-24, CSFM #7135-067130
—	MTD. # +84"	

GROUNDING NOTES:

1. ALL GROUNDING PER C.C.R. TITLE 24
2. GROUND BOND BUILDING AND ALL METALLIC PIPES, GAS, WATER, ETC.
3. TEST GROUND AND CERTIFY IN WRITING, .25 OHMS OR LESS. GROUND READINGS. ADD GROUND RODS AS REQUIRED TO OBTAIN GROUND READING REQUIREMENT.

FIRE DETECTION SYSTEM NOTES:

1. ALL WIRING IS SHOWN DIAGRAMMATICALLY. CONTRACTOR MAY VARY SEQUENCE OF CIRCUITRY, HOWEVER, ALL CIRCUITS SHALL BE CONTINUOUS AND SUPERVISED FROM DEVICE TO DEVICE OR FAT TO DEVICE OR FCP TO FAT OR FAT TO FAT. NO PARALLEL BRANCHING SHALL BE ALLOWED. ANY CONNECTION OF ANY BREAK IN ANY CONDUCTOR SHALL BE BY TERMINAL CONNECTION AT A DEVICE OR AT A FAT ONLY.
2. ALL CONNECTIONS SHALL BE PROPERLY LABELED BY CONDUCTOR AND SHALL HAVE STAKE-ON LUG CONNECTORS.
3. FIRE ALARM TERMINAL CABINETS SHALL HAVE SUFFICIENT SPACE, TERMINAL BOARDS AND SCREW TERMINAL CONNECTORS TO ALLOW CONNECTIONS TO BE MADE IN THE CONDUIT OR CABLE TRAYS. ALL CONNECTIONS SHALL BE MADE IN THE TERMINAL CABINET PRIOR TO COMMENCING ANY WORK.
4. ALL CONDUCTORS SHOWN SHALL BE #16AWG, SOLID COPPER, UNLESS OTHERWISE NOTED.
5. WRITTEN CERTIFICATION BY THE FIRE ALARM EQUIPMENT DISTRIBUTOR (OR VENDOR OR MANUFACTURER) SHALL BE SUBMITTED TO THE ARCHITECT (WITH COPIES TO THE ELECTRICAL ENGINEER AND THE STATE FIRE MARSHAL) AND THAT THE INSTALLATION INCLUDES TESTING AND OPERATION CONFORMS IN ALL RESPECTS TO THE REQUIREMENTS AS SET FORTH IN TITLE 19 OF THE CALIFORNIA CODE OF REGULATIONS AND PART 3, ARTICLE 3-760 OF TITLE 24 OF THE C.C.R. AND SECTION 2-809.
6. INSTALLATION OF THE FIRE ALARM SYSTEMS SHALL NOT BE STARTED UNTIL WORKING DRAWINGS, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS OF ALL FIRE ALARM COMPONENTS, ARE SUBMITTED TO AND APPROVED BY THE STATE FIRE MARSHAL AT THE OFFICE OF THE STATE ARCHITECT.
7. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.

* INSTALLATION OF FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER IN GENERAL CHARGE OF DESIGN AND THE SIGNATURE OF THE ARCHITECT OR PROFESSIONAL ENGINEER WHO HAS BEEN DELEGATED RESPONSIBILITY COVERING THE WORK SHOWN ON THESE DRAWINGS OR REVISIONS THEREON. **THE SAME TYPE OF ALARM THROUGHOUT - IE, MANUAL - AUTOMATIC**

SCHOOL EQUIPMENT ANCHORAGE

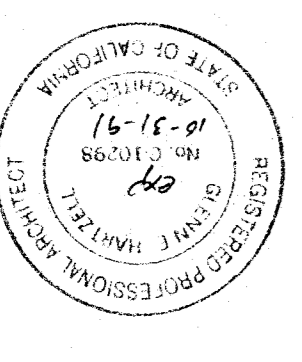
ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

- FIXED EQUIPMENT ON GRADE 20% OF OPERATING WEIGHT
- FIXED EQUIPMENT ON STRUCTURE 30% OF OPERATING WEIGHT
- EMERGENCY POWER EQUIPMENT ON STRUCTURE 40% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4X THE ABOVE VALUES
SIMULTANEOUS VERTICAL FORCE - USE 1/3X HORIZONTAL FORCE.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS FOR EQUIPMENT 400 POUNDS OR LESS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL AND ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

SYMBOL SCHEDULE



Glenn Hartzell A.A.
26 'H' STREET, 93304
P.O. BOX 2344, 93303, BAKERSFIELD, CALIFORNIA
ARCHITECT C-10298
DATE 6-2-92

INTERSTATE ENGINEERING, INC.
172 East Belmont Ave.
Fresno, CA 93701
(209) 498-1151

BAKERSFIELD CITY SCHOOL DISTRICT
BY RESOLUTION OF THE BOARD OF TRUSTEES
APPROVED: _____
DATE _____

FREMONT ELEM SCHOOL SITE PLAN - NOTES - DETAIL - SCHEDULE
BAKERSFIELD CITY SCHOOL DISTRICT
JOB NO. 122
SHEET NO. E-1
DATE 6-1-90

1300 BAKER STREET
BAKERSFIELD, KERN COUNTY, CALIFORNIA
A.C.S.
IDENTIFICATION STAMP
12 9 1990
O.S.A.

FREMONT ELEMENTARY SCHOOL 607 TEXAS STREET