

SAN EMIDIO STREET

UTILITY CO. REQUIREMENTS

VERIFY AND COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS BEFORE BIDDING JOB AND BEFORE CONSTRUCTION:
POWER CO. Tom Muller Ph. (559) 948-5145
PHONE CO. Ph. _____

CODE, RULES AND REGULATIONS

ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST REGULATIONS OF THE STATE FIRE MARSHAL, CALIFORNIA CODE OF REGULATIONS, SERVING UTILITY COMPANIES AND OTHER APPLICABLE STATE ORDINANCES. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES WHERE WORK OF A HIGHER DEGREE IS INDICATED IN THE PLANS OR SPECIFICATIONS. THIS REQUIREMENT SHALL GOVERN.

TITLE 24
DIVISION 9 OF THE CALIFORNIA ENERGY CONSERVATION STANDARDS FOR NONRESIDENTIAL BUILDINGS HAS BEEN REVIEWED AND THE BUILDING DESIGN DESCRIBED ON THESE PAGES IS IN SUBSTANTIAL CONFORMANCE.

WILLIAM PENN SCHOOL MODERNIZATION
BAKERSFIELD CITY SCHOOL DISTRICT
BAKERSFIELD, CALIFORNIA

DATE 6/23/89
REVISIONS

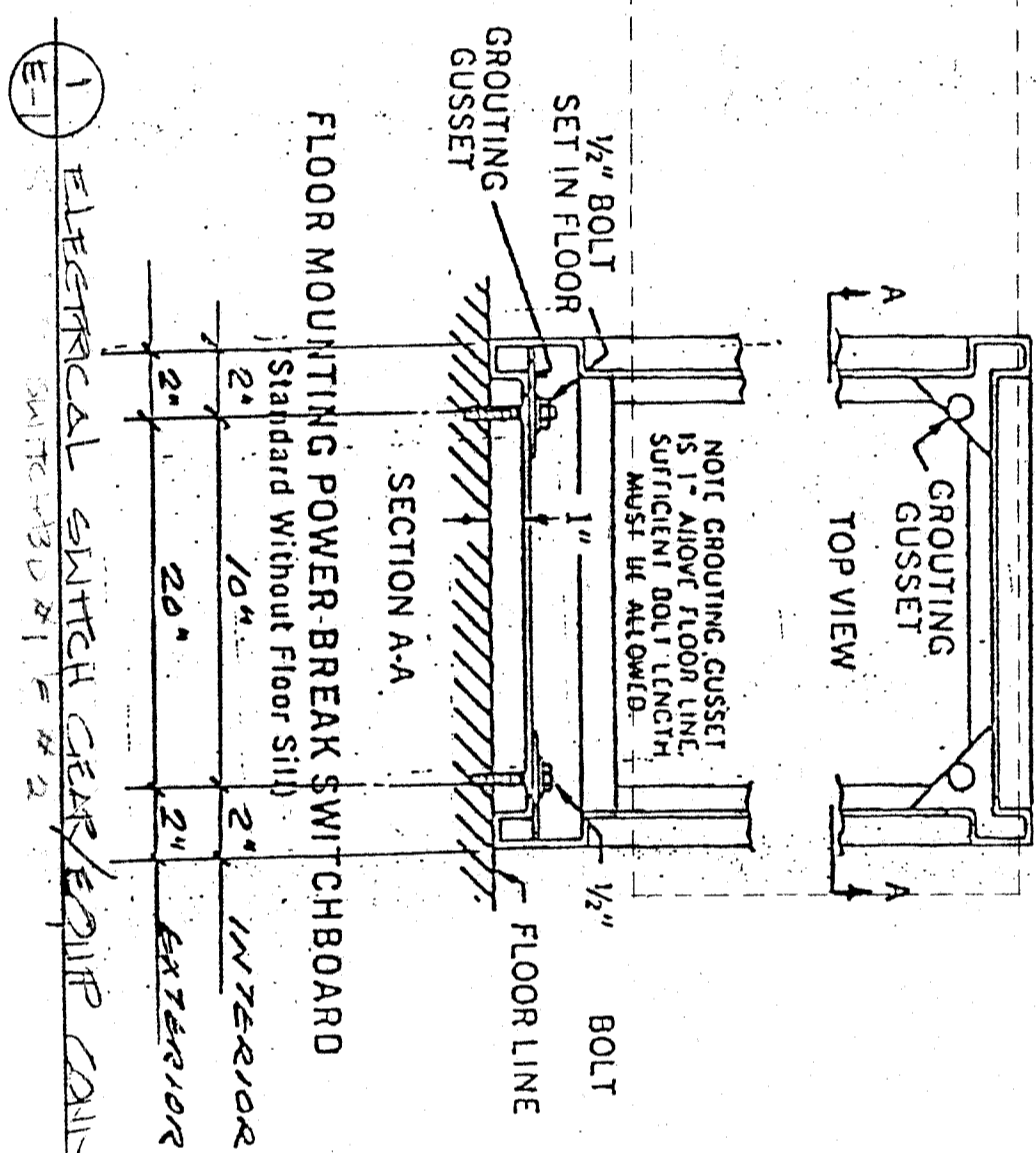
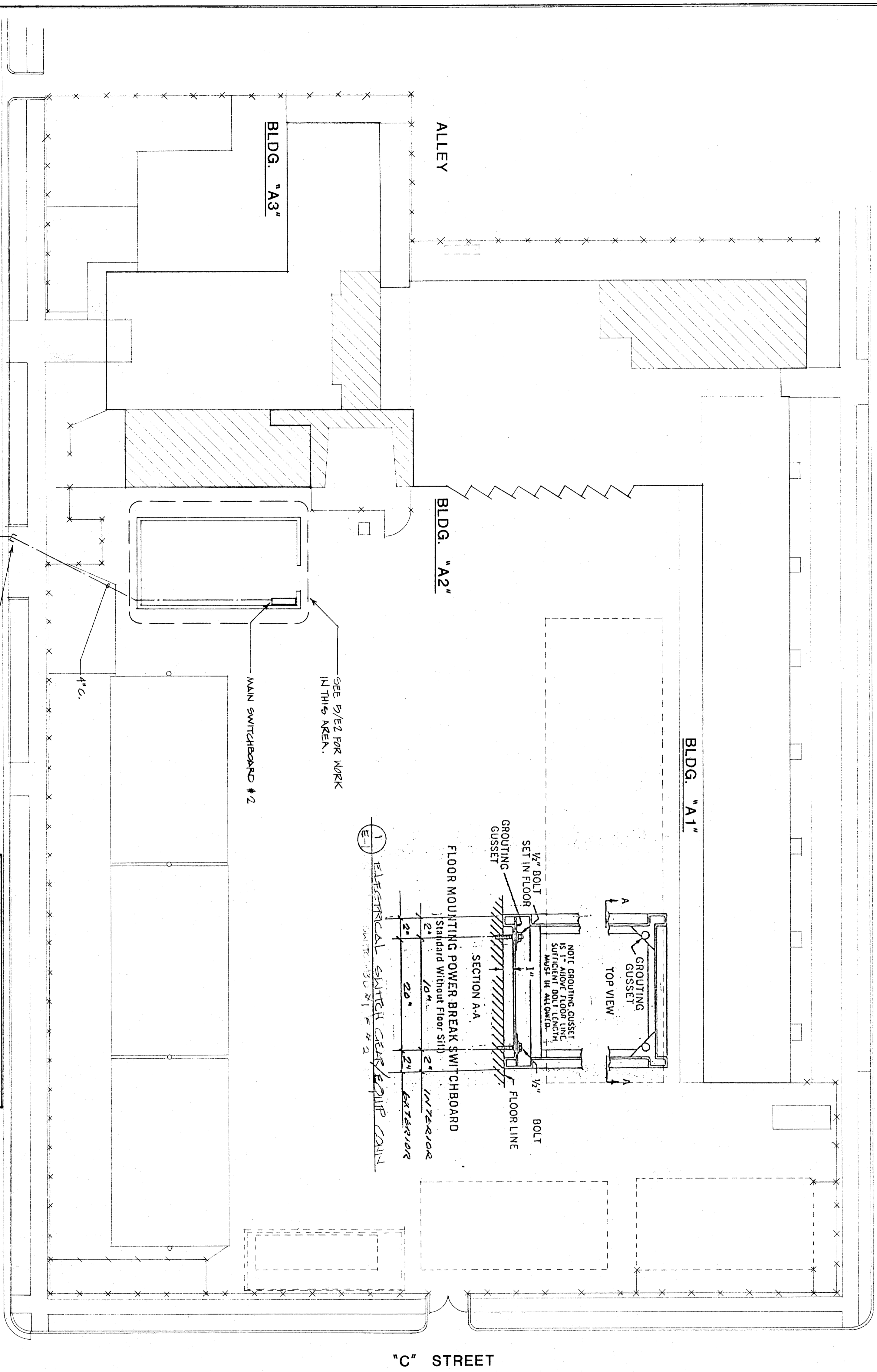
CONTRACTOR SHALL SUBMIT FIRE ALARM SHOP DRAWINGS TO C.S.F.M. FOR APPROVAL BEFORE INSTALLATION.
FIRE ALARM SYSTEM REQUIREMENTS
1.) A Fire Alarm System is required in accordance with Title 24, Sec. 809 and shall conform to Title 24, Part 3, Article 760.
2.) Indicate what type of system is being provided in accordance with Title 24, Sec. 7-760-1 (b)
3.) Provide CSM Listing for a Model fire for every fire alarm system component.
4.) Provide single line, riser and point to point wiring diagrams.
5.) Indicate whether the system is independent or interconnected to the existing system.
6.) Emergency signaling systems are required for the hearing impaired.
7.) Indicate the type of conductor and whether the system is per Table 8.1 of the existing system.
8.) Provide battery calculations for the entire system.

SITE ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

STUD TO PROPERTY LINE (VERIFY EXIST LOCATION WITH P&E).
EXTENSION TO P&E FACILITIES

- GENERAL NOTES, SPECIFIC TO ALL BUILDINGS:**
- 1. SEE MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS OF ALL HVAC AND PLUMBING EQUIPMENT.
 - 2. ALL LINE & LOW VOLTAGE CONDUIT AND WIRING FOR MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT SHALL BE INSTALLED BY MECHANICAL CONTRACTOR.
 - 3. AT ALL WALL RECEIVING NEW BACKBOARD OR GREEN BOARD SURFACES, CONTRACTOR SHALL PROVIDE BOX EXTENSION AT WALLS RECEIVING NEW BACKBOARD, GREEN BOARD OR VINTL SURFACE. CONTRACTOR SHALL REMOVE AND RE-INSTALL ALL DEVICES/EQUIPMENT. SEE ARCHITECTURAL DRAWINGS FOR WALL TREATMENT.
 - 4. REMOVE ALL ELECTRICAL DEVICES IN WALLS BEING REMOVED. RE-ROUTE AND RECONNECT ANY RESE-TABLE EXPANDED CONDUIT.
 - 5. UNDER AN EXISTING CONDUIT IS REMOVED FROM A WALL THAT REMAINS, PULL OUT ANY LOOSE WIRES AND BRANCH OFF BOX.
 - 6. WHERE AN EXISTING CONDUIT OR WIRING IS SHOWN TO REMAIN, PROVIDE NEW COVER PLATE AND REPLACE.
 - 7. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
 - 8. WHERE NEW CEILINGS ARE PROVIDED RELOCATE AND REMOVE ALL EXISTING DEVICES IN/ON WALLS BELOW OLD CEILING. ALL DEVICES BELOW NEW CEILING AND CONNECTED SHALL BE RELOCATED BELOW NEW CEILING AND CONNECTED.

FIRE ALARM SYSTEM
THE FIRE ALARM SHALL CONFORM TO SECTION 2-801 PART 2 OF TITLE 24 OF ARTICLE 7-760 OF PART 3, TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS (SPECIFICATIONS) INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY THE STATE FIRE MARSHAL, OR, AT THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENGINEERING AGENCY.



ELECTRICAL SYMBOLS

ALL DIMENSIONS TO CENTER OF BOX, U.O.N.	
3-	CIRCUIT NUMBER (3-A-150)
-A-	FIXTURE TYPE (3-A-150)
-150	FIXTURE VOLTAGE (3-A-150)
⊖	HOME RUN 1/2" C-MIN. (PANEL A, CIRCUIT #3)
—	CONDUIT RUN IN WALL / ATTIC (1/2" C-2" 12 AWG TW-1" 12 GND)
—	ANY CONDUIT RUN IN FLOOR OR UG
—	1" C-4" 12 " "
—	3/4" C-4" 12 " "
—	3/4" C-5" 12 " "
—	1" C-6" 12 " "
—	1" C-6" 12 " " SIZE AS SHOWN
—	TERMINAL CABINET
—	DISTRIBUTION PANEL
—	TELEPHONE OUTLET IN WALL (1" 12" U.O.N.)
—	" " " IN FLOOR
—	DUPLEX RECEPTACLE IN WALL (1" 12" U.O.N.)
—	" " " IN FLOOR
—	SPECIAL OUTL. AS NOTED ON DWGS. (1" 12" U.O.N.)
—	JUNCTION BOX W/FLEX CONNECTION
—	CEILING MOUNTED FIXTURE
—	WALL " " MT AS SHOWN
—	RECESSED " " IN CEILING
—	FLUORESCENT " " MT AS SHOWN
—	NIGHT LIGHT
—	EXIT
—	MOTOR
—	EXHAUST FAN
—	SWITCH (1" 4" U.O.N.)
—	THREE WAY (" ")
—	1" 4" U.O.N.
—	TIME SWITCH FLUSH MTD (U.O.N)
—	PHOTO CONTROL ON ROOF
—	UNLESS OTHERWISE NOTED
—	FUSED DISCONNECT SWITCH BY ELEC. CONTR(U.O.N)
—	SUBSCRIPT CHARACTERS EXISTE DEVICE TO REMAIN
—	FIRE ALARM FULL STATION @ +10'
—	FIRE ALARM HORN @ +10" U.O.N.
—	FIRE ALARM VISUAL UNIT @ 7" U.O.N. (50 COB.)
—	PROGRAM CLOCK - EXISTE U.O.N.
—	PROGRAM BELL - EXISTE U.O.N.
—	NOTION SENSOR ON CEILING FOR LIGHTING CONTROL
—	NOTION SENSOR SWITCHTRUCK IN ACCESSIBLE ATTIC
—	KEY SWITCH @ +15" U.O.N.
—	FIRE ALARM REMOVE TROUBLE INDICATOR

MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED AND ANCHORED TO RESIST HORIZONTAL LOADS.
ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
RIGID EQUIPMENT ON GRADE
2% OF OPERATING WEIGHT
RIGID EQUIPMENT ON GRADE
3% OF OPERATING WEIGHT
FLEXIBLE EQUIPMENT ON GRADE
5% OF OPERATING WEIGHT
FOR RIGIDLY MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE: USE 10 X HORIZONTAL FORCE.
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD REPRESENTATIVE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

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6/24/89

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OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPLICATION PER W. and B. 401
NO. 218