

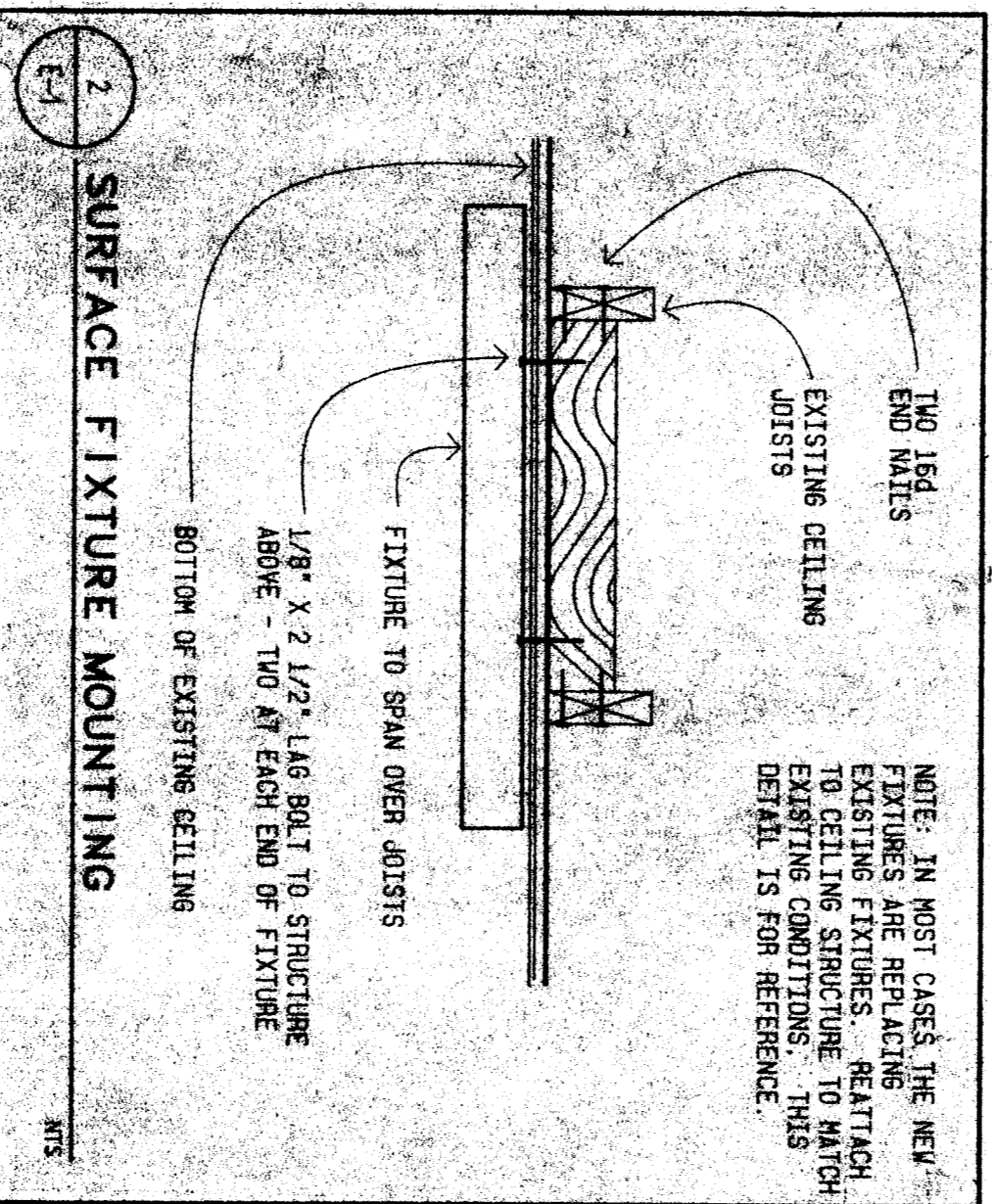
CODE, RULES AND REGULATIONS

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 AND LOCAL 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.

GENERAL ELECTRICAL REQUIREMENTS

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE, ARTICLE 100, AND THE FOLLOWING SPECIFICATIONS. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE, ARTICLE 100, AND THE FOLLOWING SPECIFICATIONS. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE, ARTICLE 100, AND THE FOLLOWING SPECIFICATIONS. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE, ARTICLE 100, AND THE FOLLOWING SPECIFICATIONS.

THE ABOVE NOTE APPLIES ONLY TO ROOMS NOT INDICATED OTHERWISE AND TO ALL ROOMS EXCEPT WHERE SHOWN OTHERWISE.



FIRE ALARM SYSTEM REQUIREMENTS

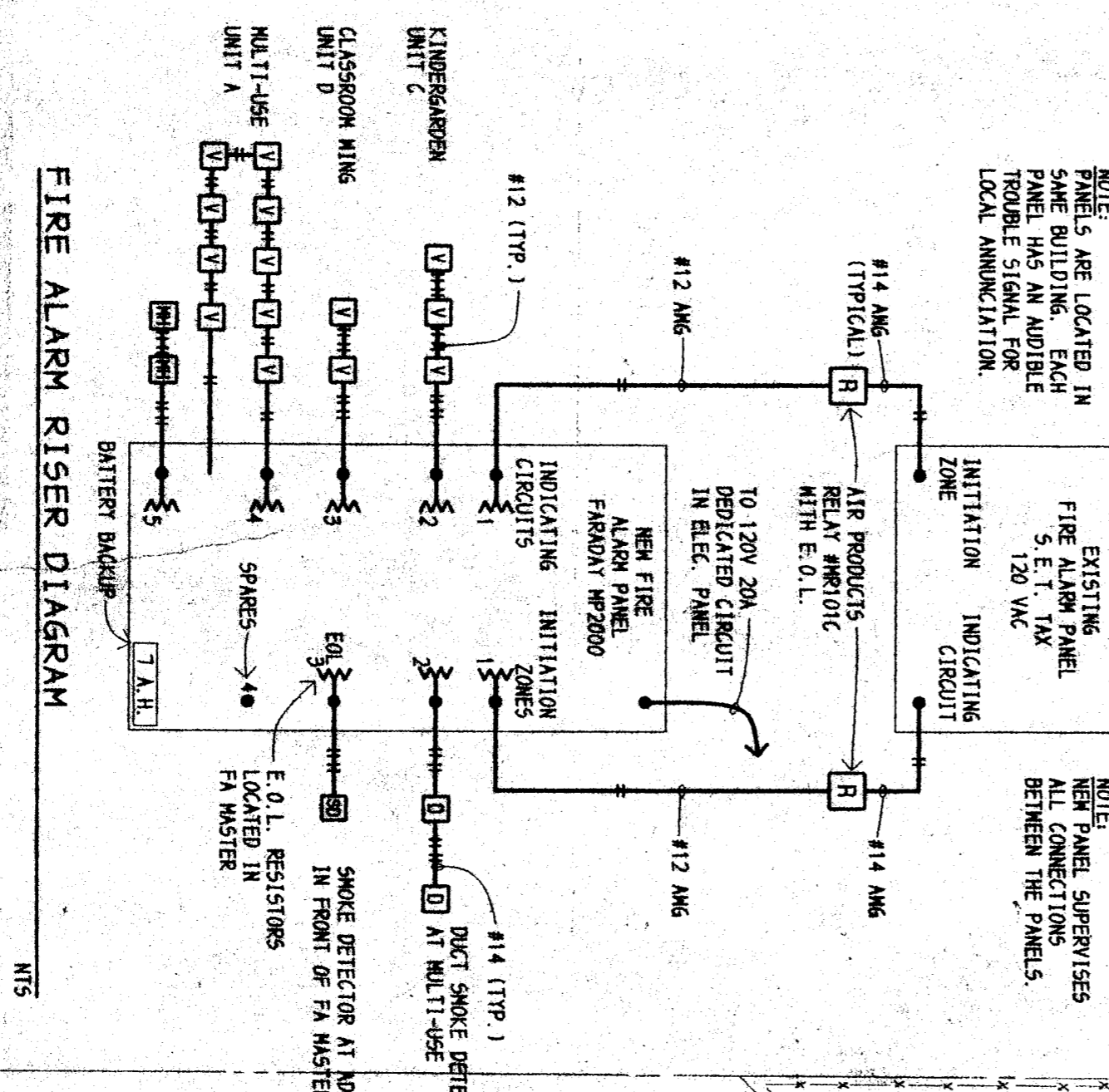
THE FIRE ALARM SYSTEM SHALL COMPLY WITH CALIFORNIA BUILDING CODE, SECTION 909.4, CALIFORNIA ELECTRICAL CODE, ARTICLE 780, AND CALIFORNIA FIRE CODE, ARTICLE 10. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTINGS FOR EACH COMPONENT OF THE SYSTEM, HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT - OFFICE OF REGULATION SERVICES.

DIVISION OF THE STATE ARCHITECT APPLICABLE CODES AND STANDARDS

- 1995 CALIFORNIA BUILDING CODE, PART 1 AND PART 2, TITLE 24 (1994)
- 1995 CALIFORNIA ELECTRICAL CODE AND CALIFORNIA AMENDMENTS
- 1995 CALIFORNIA FIRE CODE AND CALIFORNIA AMENDMENTS
- 1995 CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 (1994) UNIFORM BUILDING CODE AND CALIFORNIA AMENDMENTS
- 1995 CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 (1994) UNIFORM BUILDING CODE AND CALIFORNIA AMENDMENTS
- 1995 CALIFORNIA FIRE CODE, PART 9, TITLE 24 (1994) UNIFORM BUILDING CODE AND CALIFORNIA AMENDMENTS
- 1995 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 (1994) UNIFORM BUILDING CODE AND CALIFORNIA AMENDMENTS
- 1995 CALIFORNIA REFERENCED STANDARDS CODE AND CALIFORNIA AMENDMENTS, STATE FIRE MARSHAL SHEET, TITLE 19, CALIFORNIA CODE OF REGULATIONS, STATE FIRE MARSHAL'S OFFICE
- 1995 CALIFORNIA FIRE ALARM CODE, 1993 EDITION
- 1995 CALIFORNIA FIRE ALARM CODE, DIVISION OF THE STATE ARCHITECT - OFFICE OF REGULATION SERVICES

ELECTRICAL SYMBOLS

ALL DIMENSIONS TO CENTER OF BOX, U.O.N.	SYMBOL	DESCRIPTION
3-150	CIRCUIT NUMBER	(3-A-150)
-150	FIXTURE TYPE	(3-A-150)
HOME RUN 3/4\" C-MIN (PANEL A CIRCUIT #3)	HOME RUN 3/4\" C-MIN (PANEL A CIRCUIT #3)	
CONDUIT RUN IN WALL / AT RIG (1/2\" C-2\" 12 AWG TW + #12 GND)	CONDUIT RUN IN WALL / AT RIG (1/2\" C-2\" 12 AWG TW + #12 GND)	
ANY CONDUIT RUN 1/2\" C-3\" 12 AWG TW + #12 GND	ANY CONDUIT RUN 1/2\" C-3\" 12 AWG TW + #12 GND	
1\" C-5\" 12	1\" C-5\" 12	
1\" C-6\" 12	1\" C-6\" 12	
TERMINAL CABINET	TERMINAL CABINET	SIZE AS SHOWN
DISTRIBUTION PANEL	DISTRIBUTION PANEL	
TELEPHONE OUTLET IN WALL (+8\" U.O.N.)	TELEPHONE OUTLET IN WALL (+8\" U.O.N.)	
DUPEX RECEPTACLE IN WALL (+8\" U.O.N.)	DUPEX RECEPTACLE IN WALL (+8\" U.O.N.)	
SPECIAL OUTLET AS NOTED ON DWGS (+8\" U.O.N.)	SPECIAL OUTLET AS NOTED ON DWGS (+8\" U.O.N.)	
JUNCTION BOX W/FLEX CONNECTION	JUNCTION BOX W/FLEX CONNECTION	
CEILING MOUNTED FIXTURE	CEILING MOUNTED FIXTURE	
RECESSED	RECESSED	MT AS SHOWN
FLUORESCENT	FLUORESCENT	MT AS SHOWN
NIGHT LIGHT	NIGHT LIGHT	
EXIT	EXIT	
MOTOR	MOTOR	
EXHAUST FAN	EXHAUST FAN	
SWITCH	SWITCH	(+4\" O U.O.N.)
THREE WAY	THREE WAY	
THERMOSTAT	THERMOSTAT	
TIME SWITCH FLUSH MTD (U.O.N.)	TIME SWITCH FLUSH MTD (U.O.N.)	
PHOTO CONTROL ON ROOF	PHOTO CONTROL ON ROOF	
UNLESS OTHERWISE NOTED	UNLESS OTHERWISE NOTED	
FUSED DISCONNECT SWITCH BY ELEC CONTR (U.O.N.)	FUSED DISCONNECT SWITCH BY ELEC CONTR (U.O.N.)	
FIRE ALARM VISUAL STROBE + 8\" ON WALL	FIRE ALARM VISUAL STROBE + 8\" ON WALL	
FIRE ALARM MINI HORN + 10\" ON WALL	FIRE ALARM MINI HORN + 10\" ON WALL	
FIRE ALARM * 6381B-0714 24 DC	FIRE ALARM * 6381B-0714 24 DC	
HVAC DUCT SMOKE DETECTOR BY OTHERS	HVAC DUCT SMOKE DETECTOR BY OTHERS	
SMOKE DETECTOR ON CEILING 5\" IN FRONT OF FA HUBNER	SMOKE DETECTOR ON CEILING 5\" IN FRONT OF FA HUBNER	
SMOKE DETECTOR * 7172-1201-103	SMOKE DETECTOR * 7172-1201-103	



FIRE ALARM RESET SEQUENCE:

1. SILENCE NEW PANEL SIGNAL CIRCUIT
2. RESET THE ROLL SWITCH CAUSING THE ALARM
3. RESET THE OLD PANEL
4. RESET THE NEW PANEL

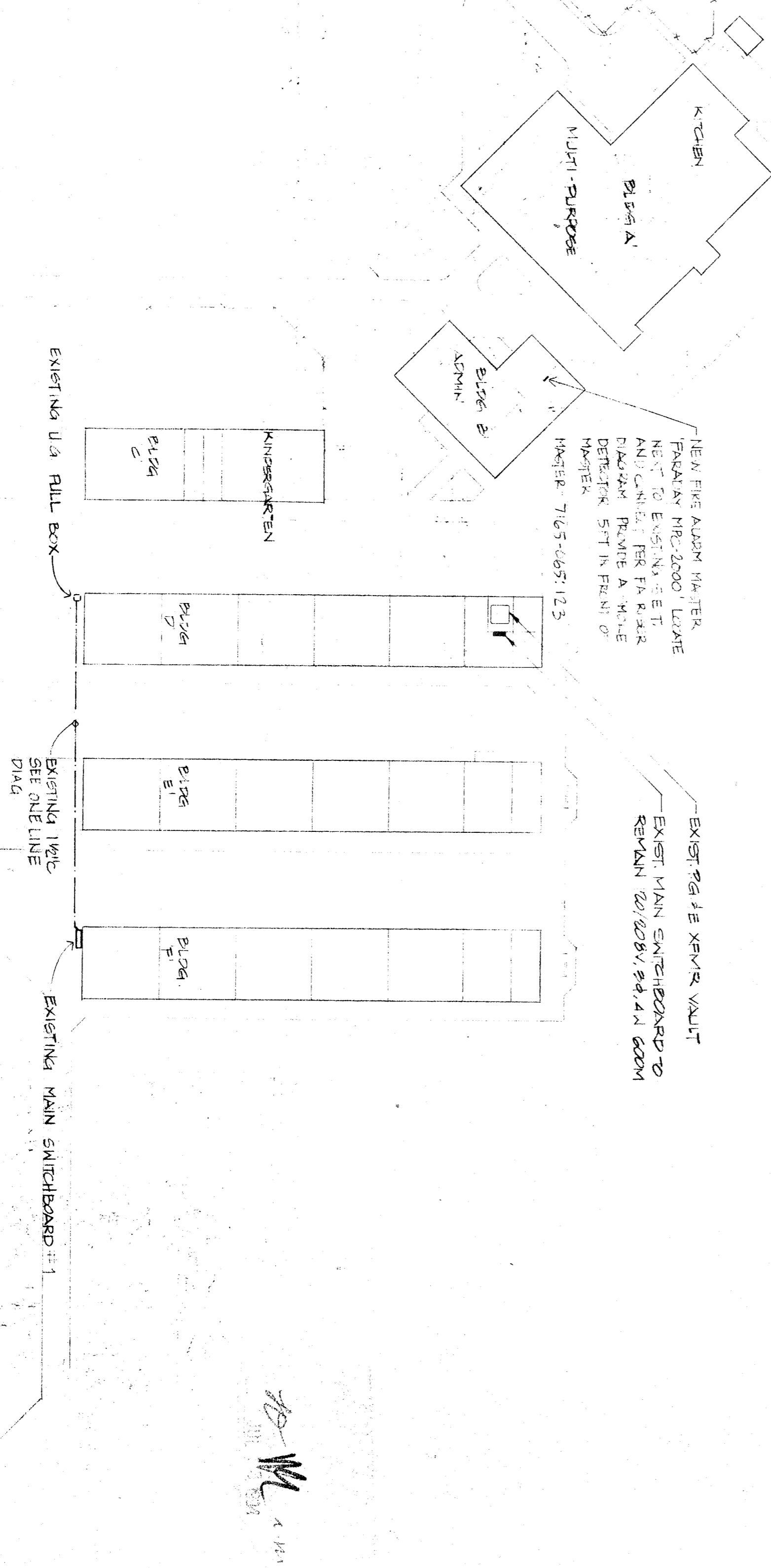
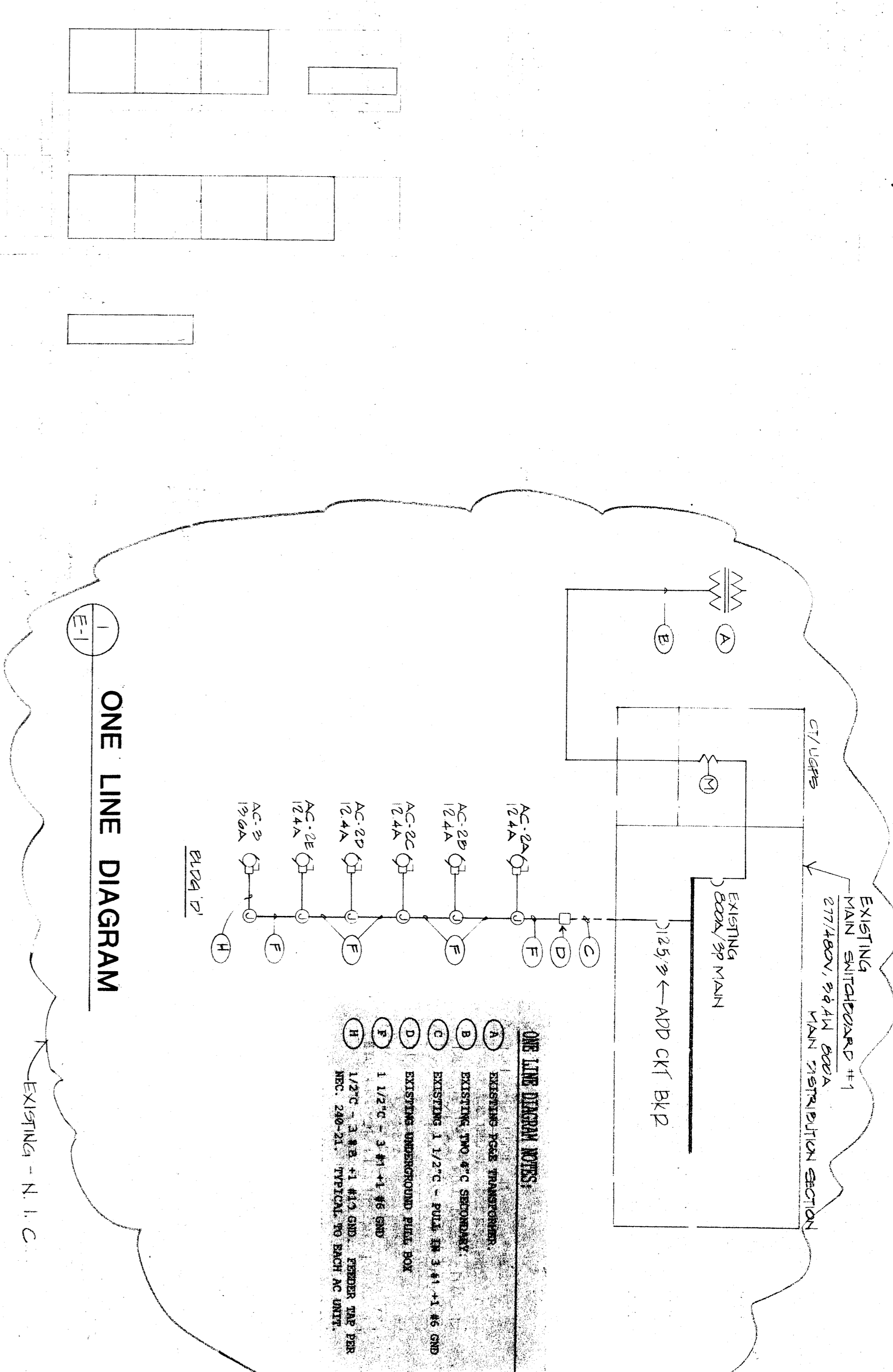
FIRE ALARM OPERATIONAL MATRIX

OFFICE	ACTIVE EVACUATION	MANUAL CALL STATION	SMOKE DETECTOR
OFFICE	X	X	X
MANUAL CALL STATION	X	X	X
SMOKE DETECTOR	X	X	X

FIRE ALARM SYSTEM SUBMITTALS TO INCLUDE:

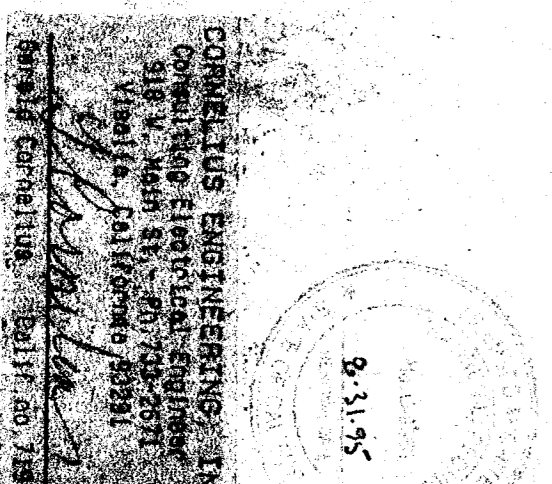
1. BATTERY CALCULATIONS
2. WIRING DIAGRAMS WITH INTERACTIVE TO EXISTING SYSTEM
3. MANUFACTURE SHEETS WITH CURRENT C.A.P.H. LISTING SHEETS

ONE LINE DIAGRAM



SITE ELECTRICAL PLAN

SCALE: 1/4\"/>



pechin associates aia 1400 easton drive bakersfield, ca 93309 suite 138 (805) 322-2021	SHEET 31	PROJECT NUMBER C-8366	DATE _____	ISSUE FOR _____
	PROJECT NAME Frank West Elementary School Modernization Bakersfield City School District	DATE _____	REVISION _____	DATE _____

THESE DRAWINGS, RELATED SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DETAILED SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH THE FABRICATION OF ANY PRODUCT TO BE INCLUDED IN THIS PROJECT.