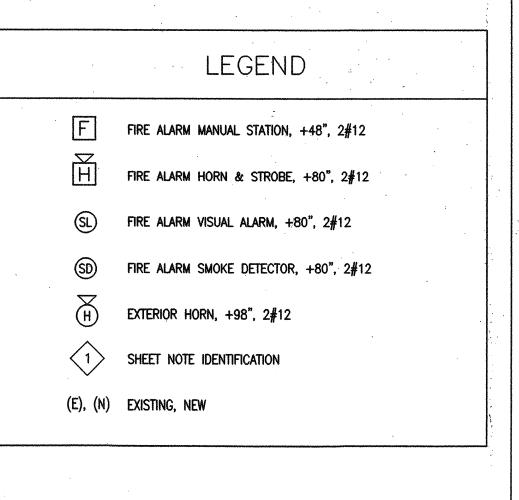
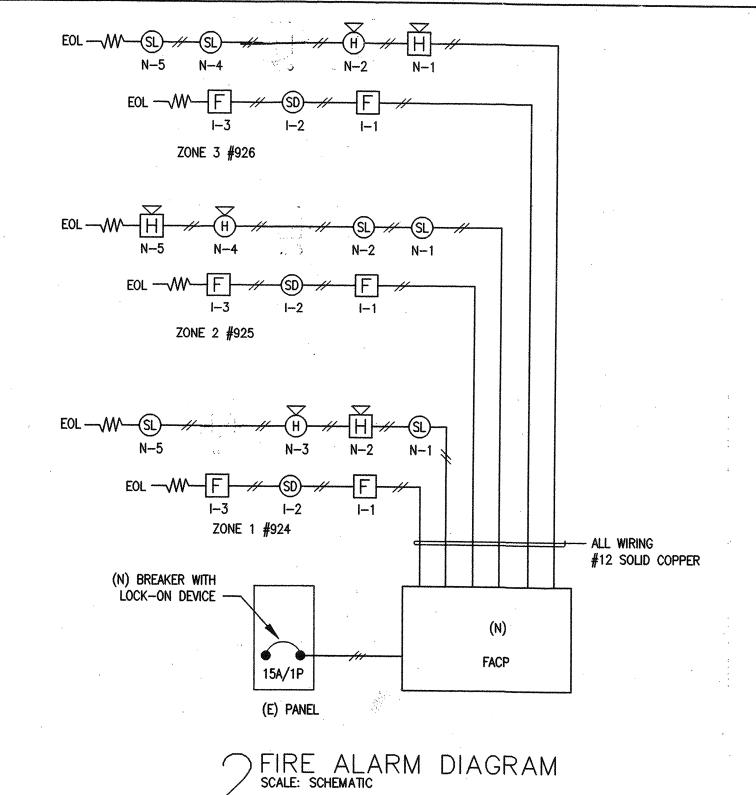
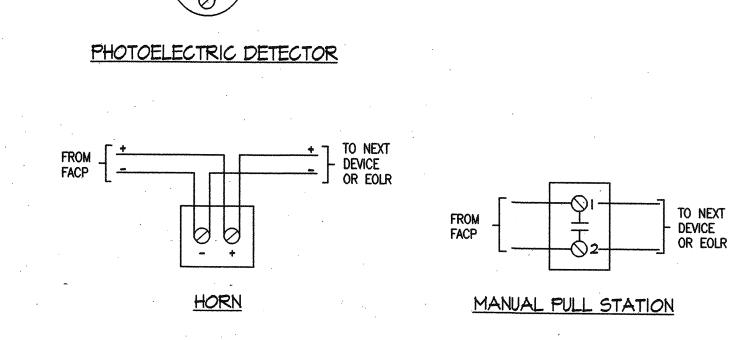


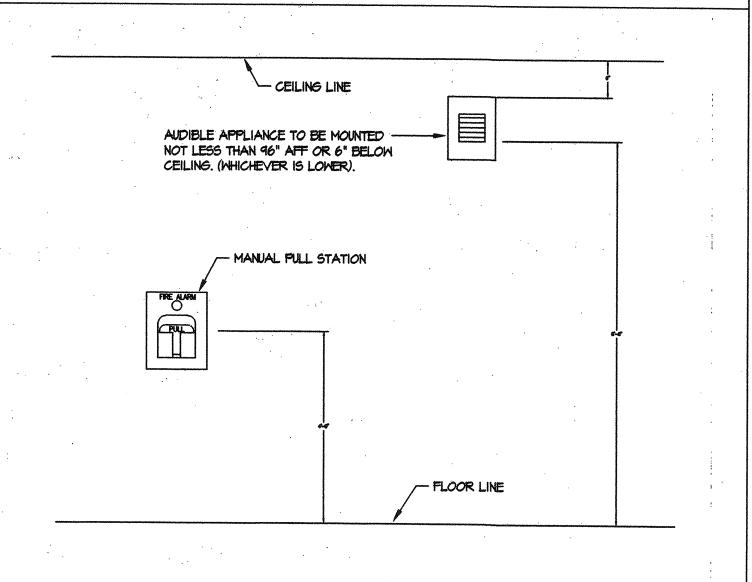
FIRE ALARM EQUIPMENT LIST				
SYMBOL	MANUFACTURER MODEL NUMBER	DESCRIPTION	CSFM LISTING NO.	BACKBOX NEEDED
FACP	SINMPLEX 4004-9102	FIRE ALARM CONTROL PANEL 8 ZONES	7165-0026:213	
F	SIMPLEX 2099-9103	MANUAL PULL STATION WITH AAMES SECURITY NC-BGC COVER	7150-0026:175	SINGLE GANG
(SD)	SIMPLEX 2098-9201 SIMPLEX 2098-9536	PHOELETRIC SMOKE DETECTOR DETECTOR BASE	7272-0026:132 7300-0026:149	4" OCTAGONAL
H	WHEELOCK MT-12/24	WEATHERPROOF HORN W BACK BOX	7135-0785:118	PROVIDED
(SL)	SIMPLEX 4904-9138 SIMPLEX 4904-9141	FIRE ALARM STROBE, 15Cd FIRE ALARM STROBE, 3OCd	7125-0026:198	4" OCTAGONAL
H	SIMPLEX 4403-4237	FIRE ALARM HORN & STROBE	7125-0026:202	4" SQUARE







Z TYPICAL DEVICE WIRING DETAILS



DEVICE ELEVATION DETAILS SCALE: SCHEMATIC

CABLE LEGEND

I. ALL CONDUCTORS SHALL BE TYPE THHN (UNDERGROUND RUNS SHALL BE TYPE THWN) SIZED AS SHOWN PER AMERICAN WIRE GAUGE. THIN INSULATION TYPE (HEAT RESISTANT THERMOPLASTIC) IS SUITABLE FOR DRY AND DAMP LOCATION. THAN INSULATION TYPE (MOISTURE AND HEAT RESISTANT THERMOPLASTIC) IS SUITABLE FOR DRY AND WET LOCATIONS.

2. ALL INDOOR AND EXPOSED WIRING SHALL BE INSTALLED IN A CONTINUOUS STEEL CONDUIT RUN. MINIMUM CONDUIT SIZE SHALL BE 3/4"

UNDERGROUND WIRING SHALL BE INSTALLED IN PVC SCHEDULE TO CONDUITS.

FIRE ALARM INSTALLATION NOTES

- . THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE.
- 2. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE PERFORMED IN THE PRESENCE OF THE ENFORCING AGENCY.
- 3. ALL DRAWINGS ARE DIAGRAMMATICAL ONLY AND ARE NOT TO BE USED IN DETERMINING ACTUAL CONDUIT ROUTES.
- 4. ON FACTORY PROVIDED BACK BOXES, NO ENLARGEMENTS TO THE STANDARD KNOCKOUTS SHALL BE MADE, NOR MAY THE INSTALLER ATTACH CONDUIT TO A NON-FACTORY PROVIDED KNOCKOUT WITHOUT THE EXPRESS WRITTEN CONSENT OF THE SIMPLEX TIME RECORDER COMPANY.
- 5. ALL FIRE ALARM INITIATING CIRCUITS SHALL BE INSTALLED UTILIZING SOLID COPPER CONDUCTORS OF A SIZE AS PER SPECIFICATIONS OR THE LOCAL ENGINEEDS ASSIST. WHICHEVER IS MORE STRINGENT SHALL APPLY.
- 6. ALL FIRE ALARM CIRCUITS ARE CONTINUOUS FROM DEVICE TO DEVICE. SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS. WHEN SPLICING TSP. IT IS NECESSARY CRIMPED IN METAL SLEEVES. ENCAPSULATED WITH AN EPOXY RESIN OR JOINED BY WIRE NUTS. WHEN SOLDER OR CRIMPED METAL SLEEVES ARE USE, THE JUNCTION MUST BE INSULATED WITH A HIGH GRADE ELECTRICAL TAPE AS SOUND AS THE ORIGINAL INSULATING JACKET. CONTINUITY OF THE SHIELD MUST BE MAINTAINED.
- 7. THE NUMERICAL DESIGNATIONS ADJACENT SYMBOLS ON DRAWINGS. EXAMPLE F 3-12, INDICATE THE FOLLOWING: REPRESENTS THE 12TH DEVICE ON THE 3RD INITIATING CIRCUIT. AUDIBLE CIRCUITS UTILIZE A LETTER AS THE FIRST DART OF THE DESIGNATION AS AN INSTALLATION AID. EXAMPLE: SI-T, TITH DEVICE ON CIRCUIT 'SI'.
- 8. IF SHIELDED WIRE IS USED. THE FOLLOWING MUST BE OBSERVED: A. METALLIC CONTINUITY OF THE SHIELD MUST BE MAINTAINDE THROUGHOUT THE ENTIRE LENGTH OF THE CABLE.
- B. THE ENTIRE LENGTH OF THE CABLE MUST HAVE A RESISTANCE GREATER THAN I MEGOHM TO EARTH GROUND.

9. WIRE COLOR CODING:

CIRCUITS ALARM INITIATING CIRCUITS BLACK AND RED DC POWER GROUND WIRE NEUTRAL WIRE

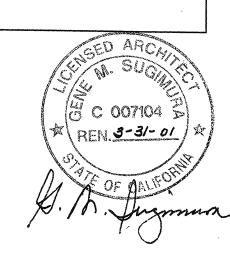
COLOR CODES BLUE AND VIOLET ORANGE AND YELLOW GREEN

NOTES:

ADD (N) 15A/1P BREAKER WITH LOCKOUT IN EXISTING SPACE

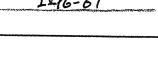
PROVIDE A 3 PULSE TEMPORAL PATTERN

POST A SIGN NEAR THE EXIT OF EACH CLASS ROOM THAT READS "911 EMERGENCY SERVICES MUST BE CONTACTED IMMEDIATELY AFTER EVACUATION. TELL 911 TO RESPOND TO THE WEST ED BUILDINGS AT CANADA COLLEGE IF FIRE ALARM SOUNDS"



IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT

APPLOT 10-3409 INCREMENT \$2 FLS OC) \$\$ XH 146-01





ENGINEERING CONSULTANT * MECH. *ELECT. SHEET NO.

GENERAL CONTRACTOR Lic. #8697981

INCREMENT 2 INDUSTRIAL • COMMERCIAL • RESIDENTIAL
4070 Nelson Avenue, Suite C
Concord, California 94520
TEL. #(925)609-1660 FAX #(925)609-1661

AVID EVANS
SSOCIATES, I
OO EXECUTIVE PAR DA AS SOC SUI SAN 945

AND INC. ARKWAY,

Y COLLEGE DISTRICT
NOTES & DET.
BUILDINGS