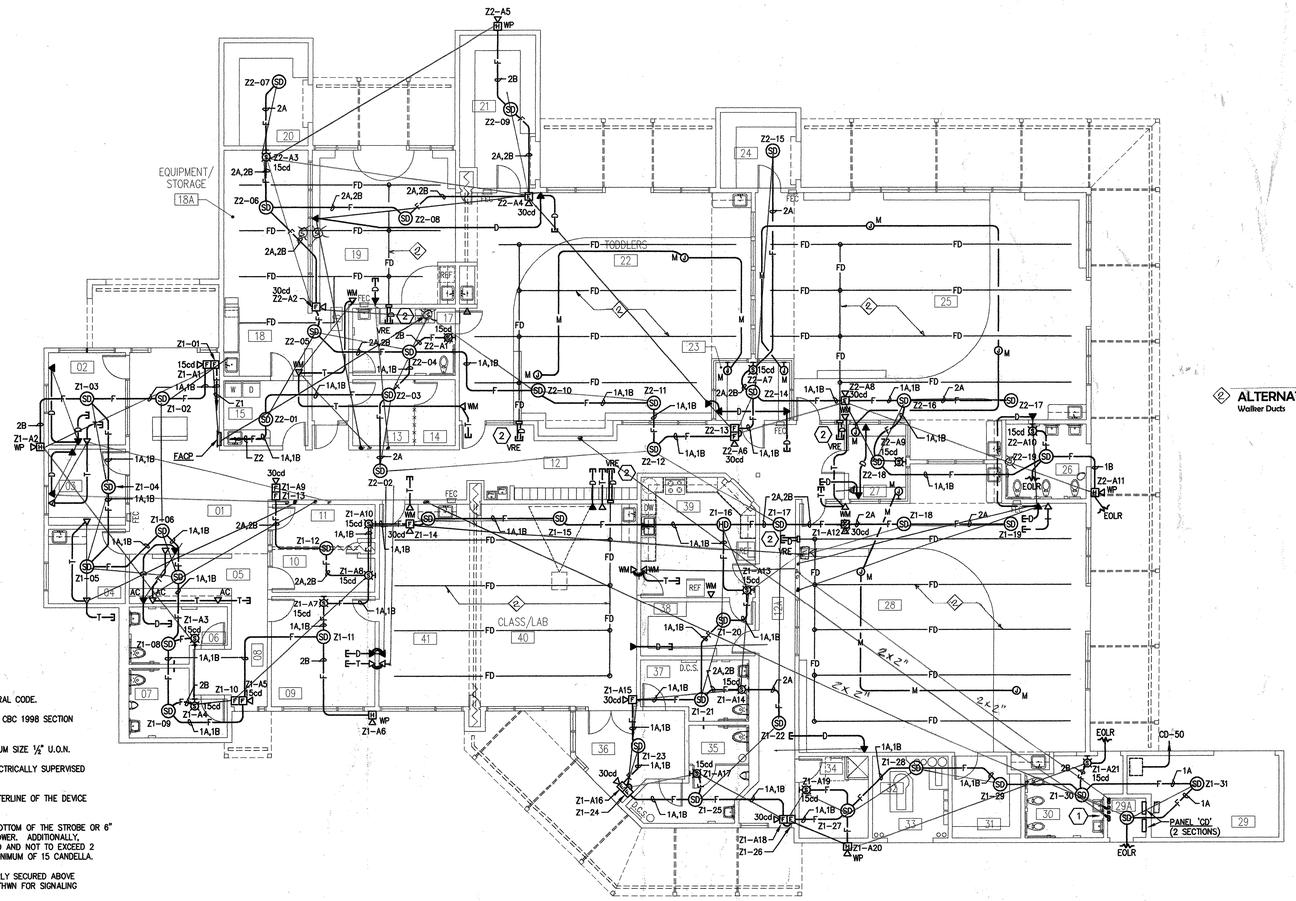

② ALTERNATE # 2

Walker Ducts

FIRE ALARM NOTES

1. NEW FIRE ALARM HORNS SHALL SOUND THE STANDARD TEMPORAL CODE.
2. THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CBC 1998 SECTION 305.9 AND CA ELECTRICAL CODE 1998.
3. ALL FIRE ALARM WIRE SHALL BE INSTALLED IN CONDUIT, MINIMUM SIZE ½" U.O.N.
4. END OF LINE RESISTORS SHALL BE LOCATED AT THE LAST ELECTRICALLY SUPERVISED DEVICE AS INDICATED ON THE DRAWINGS.
5. NEW PULL STATION SHALL BE MOUNTED AT +48" TO THE CENTERLINE OF THE DEVICE A.F.F.
6. STROBE LIGHTS SHALL BE MOUNTED AT +80" A.F.F. TO THE BOTTOM OF THE STROBE OR 6" BELOW CEILING TO THE TOP OF THE FIXTURE, WHICHEVER IS LOWER. ADDITIONALLY, THE DEVICE SHALL FLASH A MINIMUM OF 1 FLASH PER SECOND AND NOT TO EXCEED 2 FLASHES PER SECOND. THE DEVICE SHALL BE RATED AT A MINIMUM OF 15 CANDELLA.
7. ALL WIRE SHALL BE IN CONDUIT OR FPL RATED CABLE PROPERLY SECURED ABOVE CEILING. SIZE SHALL BE #12 THWN FOR DETECTION AND #12 THWN FOR SIGNALING OR AS NOTED.

FIRE ALARM SYSTEM SCOPE OF WORK

A. PROVIDE AN FCI SIGNAL CONTROL PANEL FOR AN AUTOMATIC FIRE ALARM DETECTION SYSTEM WITH ADDRESSABLE SMOKE DETECTOR, PULL STATION, HEAT DETECTOR, AND MONITOR MODULES.

B. PROVIDE STROBE, HORN/STROBE AND OUTSIDE HORNS AS NOTED ON DRAWINGS.

C. SYSTEM IS AN FCI #7100 ADDRESSABLE CLASS B SYSTEM.

D. AUDIBLE SOUND LEVEL SHALL BE AT LEAST 15 DB ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIABLE AREAS PER NFPA-72 SECTION 6-312.

E. FIRE ALARM CONTRACTOR SHALL PROVIDE A CERTIFICATE OF COMPLETION AFTER ACCEPTANCE TEST NFPA 72 SECTION 1.7.2.1, FIGURE 1.7.2.1 TO DSA (SHALL BE COMPLETED AND SIGNED.

F. VISUAL DEVICES SHALL NOT EXCEED 2 FLASHES PER SECOND

G. APPLICABLE CODES:
CBC 1998, CEC 1998, CMC 1998, CFC 1998, STATE FIRE MARSHALL, TITLE 19, PUBLIC SAFETY NFPA 72, 1996 EDITION WITH CALIFORNIA AMENDMENTS.

TYPE OF SYSTEM

THIS IS AN ADDRESSABLE AUTOMATIC DETECTION SYSTEM
CLASS 'B' DETECTION
CLASS 'B' INITIATION
WITH TEMPORAL PATTERN SOUNDING DEVICES

SHEET NOTES

1. EXTEND SIX (6) 2" CONDUITS FROM TELE/DATA TERMINAL BOARD TO ACCESSIBLE CEILING SPACE OF CORRIDOR 12/12A.
2. PROVIDE TWO 1½" CONDUITS (ONE FUTURE POWER, ONE FUTURE DATA) FROM VERTICAL RISER ELBOW TO ACCESSIBLE CEILING IN CORRIDOR 12/12A, TAG INDICATING ROOM SERVED.

① ELECTRICAL DATA & FIRE ALARM PLAN

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

REF. NORTH

REGISTERED PROFESSIONAL ENGINEER RICHARD A. MARINO Reg. No. E 8626 Exp. 6-30-02 ELECTRICAL STATE OF CALIFORNIA

REVISIONS: (△ INDICATES REVISIONS MADE TO THIS SHEET)

NO.:	DATE	REASON	BY

ISSUE FOR PROGRESS REVIEW	1/15/01
ISSUE FOR PLAN CHECK	1/25/01
ISSUE FOR FINAL REVIEW	5/9/01
ISSUE FOR BID	
ISSUE FOR CONSTRUCTION	

SEAL: LICENSED ARCHITECT RICHARD A. CIANFICHI No. C-8310 REN. 10-31-01 STATE OF CALIFORNIA

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CANADA COLLEGE
4200 FARM HILL BLVD.
REDWOOD CITY, CA 94061
SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT

STAMP: IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL.01 105529
DATE 5/9/01 5/11/01

APPL. NUMBER:

KEY PLAN:

AS-BUILTS

SHEET TITLE:
ELECTRICAL DATA AND FIRE ALARM PLAN

DRAWN BY: AK	PROJECT NO.: 304.99
CHECKED BY: FR	DATE: 01-25-2001
APPL. NO.:	SHEET: E3
DATA NO.:	NO:

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