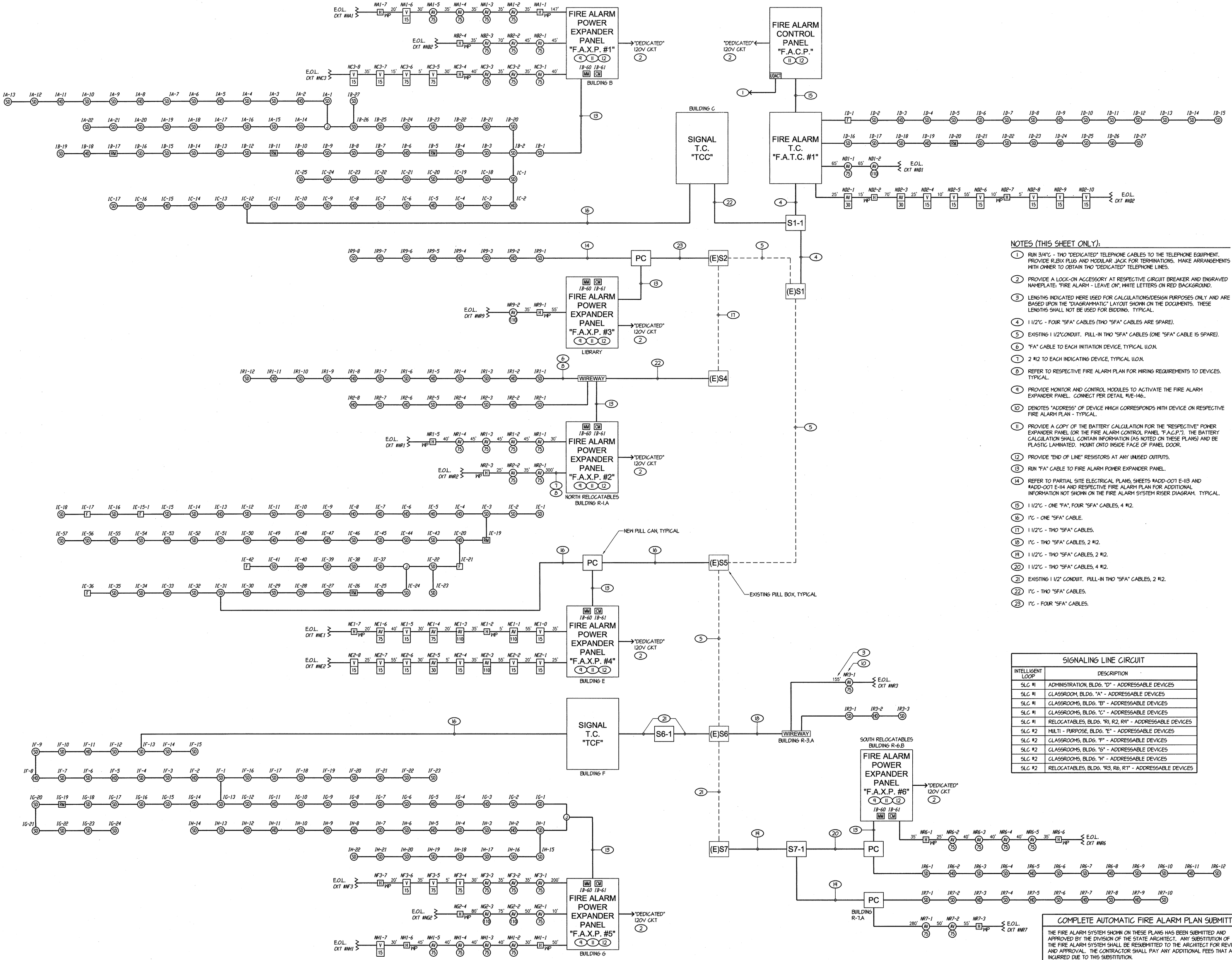

FIRE ALARM SYSTEM RISER DIAGRAM

NOTES (THIS SHEET ONLY):

1. RUN 3/4"C - TWO "DEDICATED" TELEPHONE CABLES TO THE TELEPHONE EQUIPMENT. PROVIDE R-BIX PLUG AND MODULAR JACK FOR TERMINATIONS. MAKE ARRANGEMENTS WITH OWNER TO OBTAIN TWO "DEDICATED" TELEPHONE LINES.
2. PROVIDE A LOCK-ON ACCESSORY AT RESPECTIVE CIRCUIT BREAKER AND ENGRAVED NAMEPLATE: "FIRE ALARM - LEAVE ON", WHITE LETTERS ON RED BACKGROUND.
3. LENGTHS INDICATED WERE USED FOR CALCULATIONS/DESIGN PURPOSES ONLY AND ARE BASED UPON THE "DIAGRAMMATIC" LAYOUT SHOWN ON THE DOCUMENTS. THESE LENGTHS SHALL NOT BE USED FOR BIDDING. TYPICAL.
4. 1 1/2"C - FOUR "SFA" CABLES (TWO "SFA" CABLES ARE SPARE).
5. EXISTING 1 1/2"CONDUIT. PULL-IN TWO "SFA" CABLES (ONE "SFA" CABLE IS SPARE).
6. "FA" CABLE TO EACH INITIATION DEVICE, TYPICAL U.O.N.
7. 2 #12 TO EACH INDICATING DEVICE, TYPICAL U.O.N.
8. REFER TO RESPECTIVE FIRE ALARM PLAN FOR WIRING REQUIREMENTS TO DEVICES. TYPICAL.
9. PROVIDE MONITOR AND CONTROL MODULES TO ACTIVATE THE FIRE ALARM EXPANDER PANEL. CONNECT PER DETAIL #I/E-146..
10. DENOTES "ADDRESS" OF DEVICE WHICH CORRESPONDS WITH DEVICE ON RESPECTIVE FIRE ALARM PLAN - TYPICAL.
11. PROVIDE A COPY OF THE BATTERY CALCULATION FOR THE "RESPECTIVE" POWER EXPANDER PANEL (OR THE FIRE ALARM CONTROL PANEL "F.A.C.P."). THE BATTERY CALCULATION SHALL CONTAIN INFORMATION (AS NOTED ON THESE PLANS) AND BE PLASTIC LAMINATED. MOUNT ONTO INSIDE FACE OF PANEL DOOR.
12. PROVIDE "END OF LINE" RESISTORS AT ANY UNUSED OUTPUTS.
13. RUN "FA" CABLE TO FIRE ALARM POWER EXPANDER PANEL.
14. REFER TO PARTIAL SITE ELECTRICAL PLANS, SHEETS #ADD-007 E-113 AND #ADD-007 E-114 AND RESPECTIVE FIRE ALARM PLAN FOR ADDITIONAL INFORMATION NOT SHOWN ON THE FIRE ALARM SYSTEM RISER DIAGRAM. TYPICAL.
15. 1 1/2"C - ONE "FA", FOUR "SFA" CABLES, 4 #12.
16. 1"C - ONE "SFA" CABLE.
17. 1 1/2"C - TWO "SFA" CABLES.
18. 1"C - TWO "SFA" CABLES, 2 #12.
19. 1 1/2"C - TWO "SFA" CABLES, 2 #12.
20. 1 1/2"C - TWO "SFA" CABLES, 4 #12.
21. EXISTING 1 1/2" CONDUIT. PULL-IN TWO "SFA" CABLES, 2 #12.
22. 1"C - TWO "SFA" CABLES.
23. 1"C - FOUR "SFA" CABLES.

SIGNALING LINE CIRCUIT

INTELLIGENT LOOP	DESCRIPTION
SLC #1	ADMINISTRATION, BLDG. "D" - ADDRESSABLE DEVICES
SLC #1	CLASSROOM, BLDG. "A" - ADDRESSABLE DEVICES
SLC #1	CLASSROOMS, BLDG. "B" - ADDRESSABLE DEVICES
SLC #1	CLASSROOMS, BLDG. "C" - ADDRESSABLE DEVICES
SLC #1	RELOCATABLES, BLDG. "R1, R2, R4" - ADDRESSABLE DEVICES
SLC #2	MULTI - PURPOSE, BLDG. "E" - ADDRESSABLE DEVICES
SLC #2	CLASSROOMS, BLDG. "F" - ADDRESSABLE DEVICES
SLC #2	CLASSROOMS, BLDG. "G" - ADDRESSABLE DEVICES
SLC #2	CLASSROOMS, BLDG. "H" - ADDRESSABLE DEVICES
SLC #2	RELOCATABLES, BLDG. "R3, R6, R7" - ADDRESSABLE DEVICES

COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE AUTOMATIC FIRE ALARM SYSTEM SHALL COVER ALL ROOMS AND AREAS AND UPON ACTIVATION OF AN INITIATING DEVICE ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION. EXCEPTION: SMOKE DETECTORS ARE NOT REQUIRED IN NON-ACCESSIBLE AREAS AS DEFINED IN EMERGENCY EXPRESS TERMS OF PROPOSED S.F.M. AMENDMENTS TO 2001 C.F.C. SECTION 210 (C.F.C. SECTIONS 1006.2.4.2.2.1.1 AND 1006.2.4.2.2.1.5)

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ARCHITECT C-14,728

WILLIAM J. MELBY, AIA
ARCHITECT C-16,835

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THEODORE W. ROSING No. E14026 Exp. 6/30/09 ELECTRICAL STATE OF CALIFORNIA

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131 S. Dunworth - (559)733-2671
Visalia, California 93292-6705

IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES

APPL. 03-107003
FILE # 15-6

AC ____ FLS ____ SS ____

DATE ____

MODERNIZATION AT CURRAN MIDDLE SCHOOL FOR:

BAKERSFIELD CITY SCHOOL DISTRICT

1116 LYMRIC WAY BAKERSFIELD CALIFORNIA 93309

MARK	DATE	DESCRIPTION

JOB NUMBER: **2002480**
CAD DRAWING FILE: *
DRAWN BY: **ES**
CHECKED BY: **TWR**

CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT DESCREPANCIES TO THE ARCHITECT.

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SHEET TITLE

FIRE ALARM SYSTEM RISER DIAGRAM

SHEET IDENTIFICATION NUMBER
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SHEET ____ OF ____

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