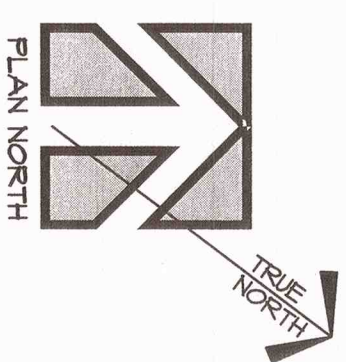
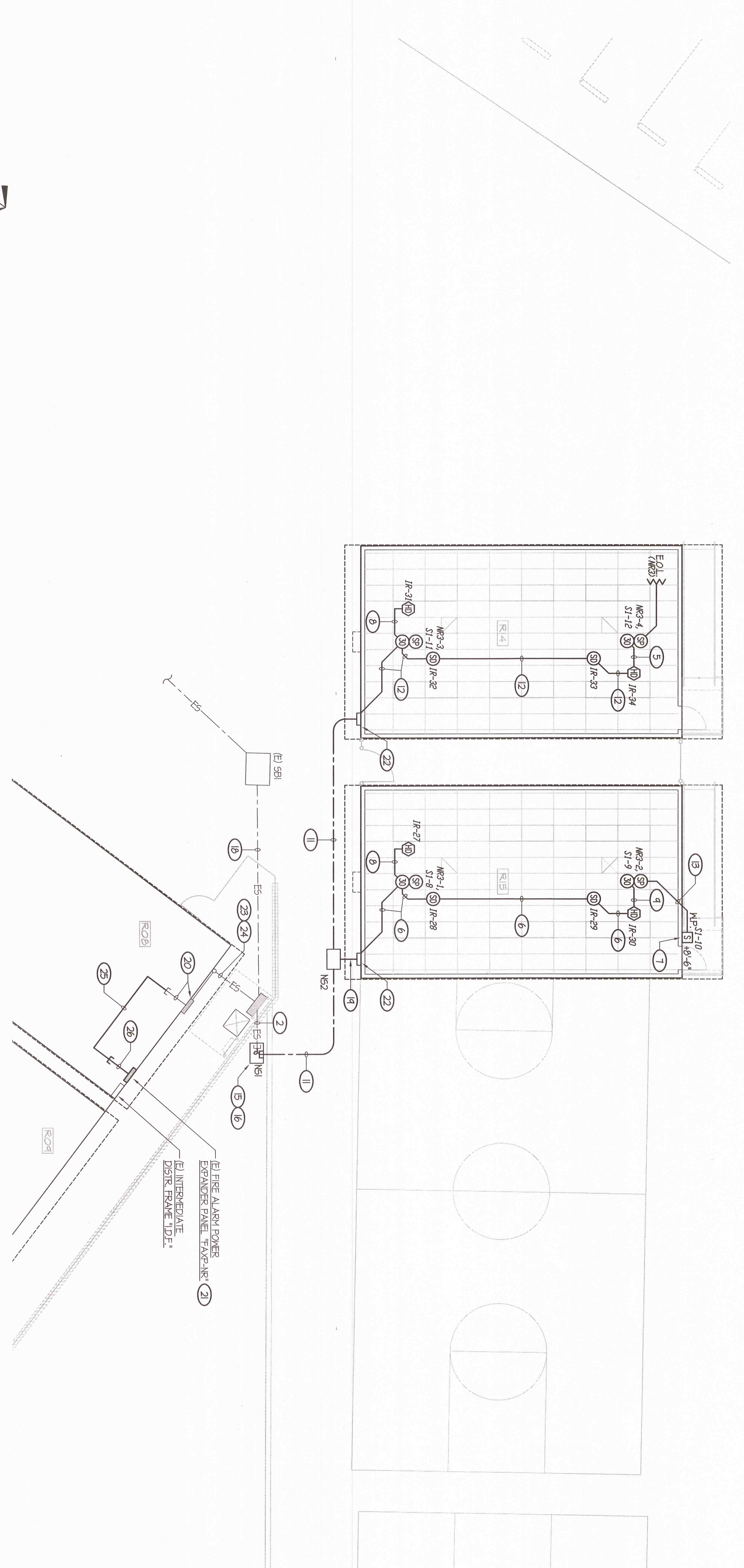


**POWER AND SIGNALS PLAN**

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



**FIRE ALARM PLAN**

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

**NOTES (THIS SHEET ONLY):**

- 1) CONNECT PANEL PROVIDED WITH RELOCATABLE BUILDING.
- 2) FOUR EXISTING SPARE 1/2" CONDUITS. VERIFY EXACT LOCATION AT SITE AND INTERCEPT ALL SUBS WITH A NEW FILL BOX AS SHOWN. IN ONE 1/2" CONDUIT RILL IN ONE 3/4" CABLE, TWO 7/8" CABLES AND 2 #12. REMAINING 1/2" CONDUITS SHALL BE FOR OWNERS USE.
- 3) EXISTING CONDUITS ARE SURFACE MOUNTED "HORIZONTALLY" ON REAR WALL OF RELOCATABLE BUILDINGS AND ARE TO REMAIN.
- 4) FEEDER PER ONE LINE DRAWING DETAIL #1641.
- 5) 3/4" - TWO 7/8" CABLES, 2 #12.
- 6) 1/4" - ONE 3/4" CABLE, TWO 7/8" CABLES, 4 #12.
- 7) USE JUNCTION BOX SHOWN WITH RELOCATABLE BUILDING FOR MOUNTING OF EXISTING SPEAKERS.
- 8) 3/4" - ONE 3/4" CABLE.
- 9) 1/2" - TWO 7/8" CABLES, 4 #12.
- 10) PROVIDE ONE 3/4", ONE 1/2" AND ONE 2/4" FOR USE BY THE OWNER.
- 11) 1/4" - ONE 3/4" CABLE, TWO 7/8" CABLES, ONE 1/2" CABLE.
- 12) 1/2" - ONE 3/4" CABLE, TWO 7/8" CABLES, 2 #12.
- 13) 3/4" - TWO 7/8" CABLES.
- 14) AT THIS DEVICE PICK UP AND EXTEND THE EXISTING SIG. NOTIFICATION APPLIANCE CIRCUITS AND SPEAKER CIRCUITS AND EXTEND AS SHOWN. MOVE END OF LINE RESISTORS. SEE REMOTE #6.
- 15) NEW FILL BOX PER DETAIL #1641, TYPICAL 1/2".
- 16) LOCATE TO CAPTURE EXISTING CONDUIT SUBS ONLY.
- 17) SUBS CONDUITS INTO ACCESSIBLE ATTIC SPACE ABOVE T-BAR CEILING.
- 18) EXISTING SIGNALS CONDUITS TO REMAIN FOR OWNERS USE.
- 19) 1/4" - ONE 3/4" CABLE, TWO 7/8" CABLES AND TWO 1/2" CABLES.
- 20) EXISTING RILL IN WITH THREE 1/2" CONDUITS INTO ACCESSIBLE ATTIC SPACE T-BAR CEILING.
- 21) CONNECT TO SPEAKER NOTIFICATION APPLIANCE CIRCUIT.
- 22) REMOVE A 1/2" x 3/4" x 1/2" x 8" NEW 1/2" GREN COOPER BULBHOUSE. MOUNT PER DETAIL #1641, TYPICAL 1/2" OF THE BULBHOUSE IS LOCATED ABOVE INTERIOR T-BAR CEILING.
- 23) EXISTING SIGNALS AND FIRE ALARM FEEDERS, 1/2" - SIX CAT 5E CABLES (EIGHT 1/2" CONDUITS) SHALL BE RUN TO THE BULBHOUSE FROM THE T-BAR CEILING. RILL IN WITH THREE 1/2" CONDUITS.
- 24) RILL IN NEW 3/4" CABLE FROM NEW 1/4" (NEW) THRU THE EXISTING 1/2" CONDUIT CONTAINING THE THREE 3/4" CABLES.
- 25) RUN NEW 3/4" CABLE THRU ACCESSIBLE ATTIC SPACE ABOVE T-BAR CEILING.
- 26) RUN A NEW 3/4" CONDUIT FROM THE EXISTING FIRE ALARM POWER EXPANDER PANEL, TRANSFER AND SUB INTO THE ACCESSIBLE ATTIC SPACE ABOVE T-BAR CEILING. RILL IN WITH 3/4" CABLE.
- 27) RUN A 2" GALV. RIGID CONDUIT OUT OF THE BACK OF THE EXISTING PANEL AND CONTINUE HORIZONTALLY TO ABOVE THE EXISTING CHILL MALL. PROVIDE AN 1/2" CONDUIT BODY, THEN CONDUIT DOWN AND RUN TO BELOW EXISTING FINISH GRADE. CONDUIT GRD. TO PVC 40 AT ELBOW. RILL IN WITH CONDUITS PER ONE LINE DRAWING DETAIL #1641.

**COMPLETE AUTOMATIC FIRE ALARM SYSTEM 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 FIRE ALARM SYSTEM SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM PER CAL. SECTION 7102.22. THE SYSTEM SHALL BE A FIRE ALARM SYSTEM THAT SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM PER CAL. SECTION 7102.22. THE SYSTEM SHALL BE A FIRE ALARM SYSTEM THAT SHALL ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND ROBBLE SIGNALS TO AN APPROVED SUPERVISING STATION (C.F. SECTION 70723.5).

MARK	DATE	REVISIONS

CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT DISCREPANCIES TO THE ARCHITECT IMMEDIATELY. CONSTRUCTION SHALL CONFORM TO THE C.S.C.

**SITE IMPROVEMENTS FOR (2)-24'x40' MODULAR CLASSROOMS AT HORACE MANN ELEMENTARY SCHOOL**  
 2710 NILES ST, BAKERSFIELD, CA 93306  
 FOR  
**BAKERSFIELD CITY SCHOOL DISTRICT**  
 BAKERSFIELD, KERN COUNTY, CALIFORNIA

REGISTERED PROFESSIONAL ARCHITECT  
 OFFICE OF REGULATORY SERVICES  
 FILE # 15-6  
 DATE 03/10/12  
 SEP 0 8 AM '17  
 P/N: 63321-285

**ARCHITECT**  
 1601 NEW SINE ROAD, SUITE 280  
 BAKERSFIELD, CA 93309  
 PH: (661) 397-4377  
 FAX: (661) 397-4378  
 WWW.SCARCHECT.COM

**Professional Engineer Seal**  
 No. 51718  
 Exp. 01/31/18  
 State of California  
 Electrical Engineering

Rose Sing and Associates, Inc.  
 131 S. ...  
 Visalia, California 93272-8725

**POWER AND SIGNALS PLAN AND FIRE ALARM PLAN**

JOB NO. 1244  
 DRAWN: U  
 CHECKED: U  
 DATE: 09/01/17

**2.2**  
 OF SHEETS