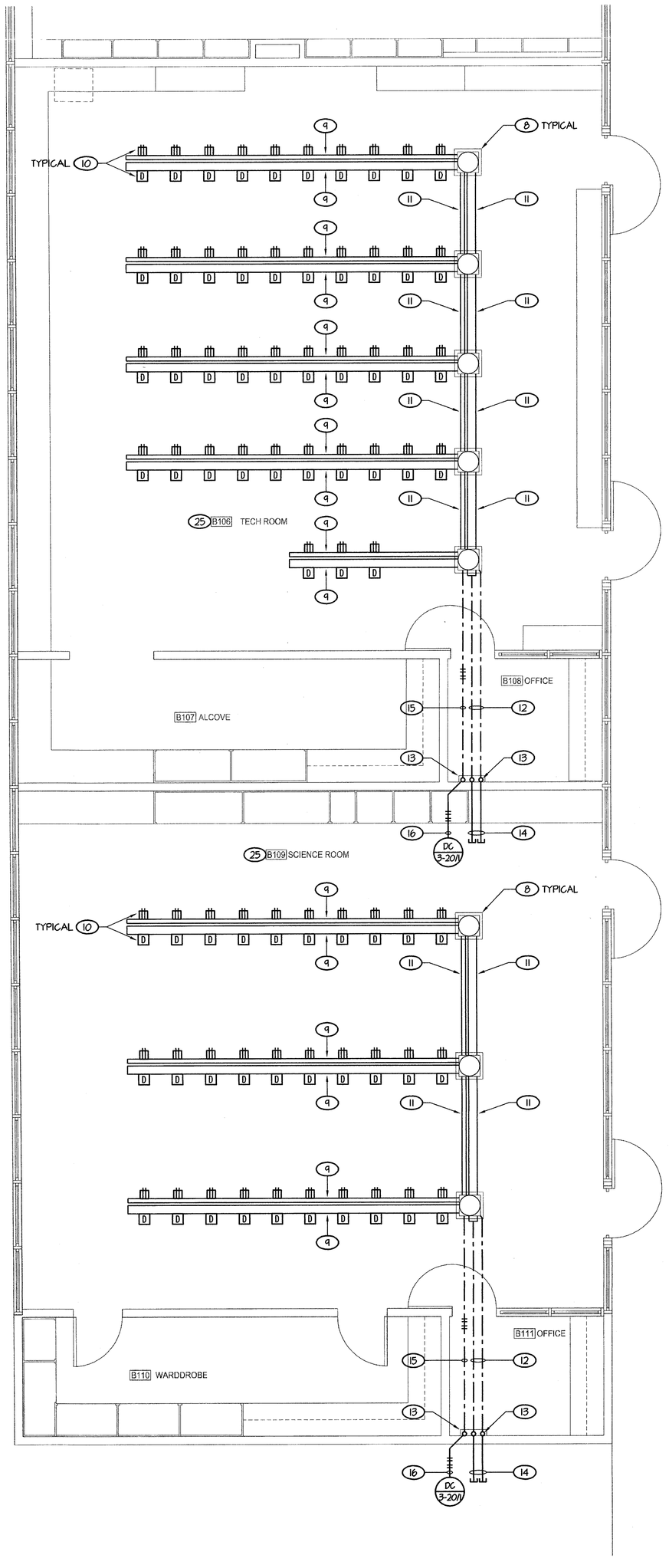
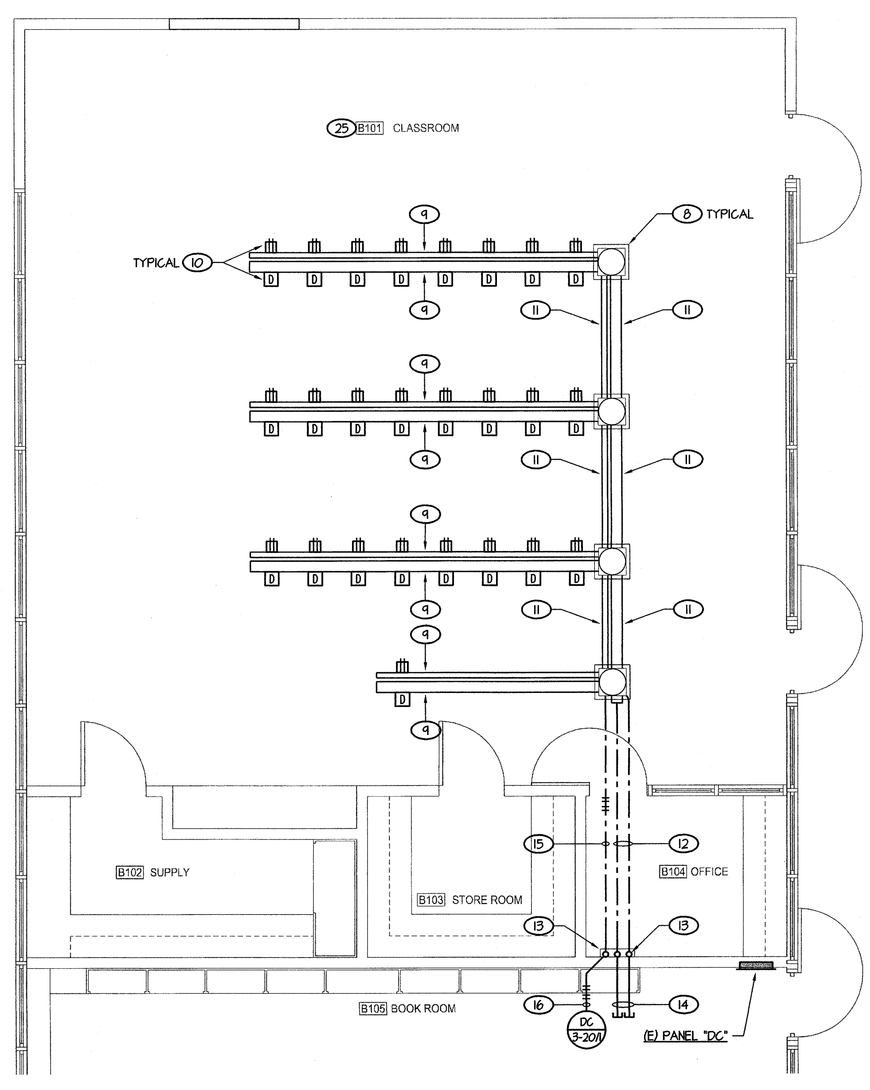
## NOTES (THIS SHEET ONLY):

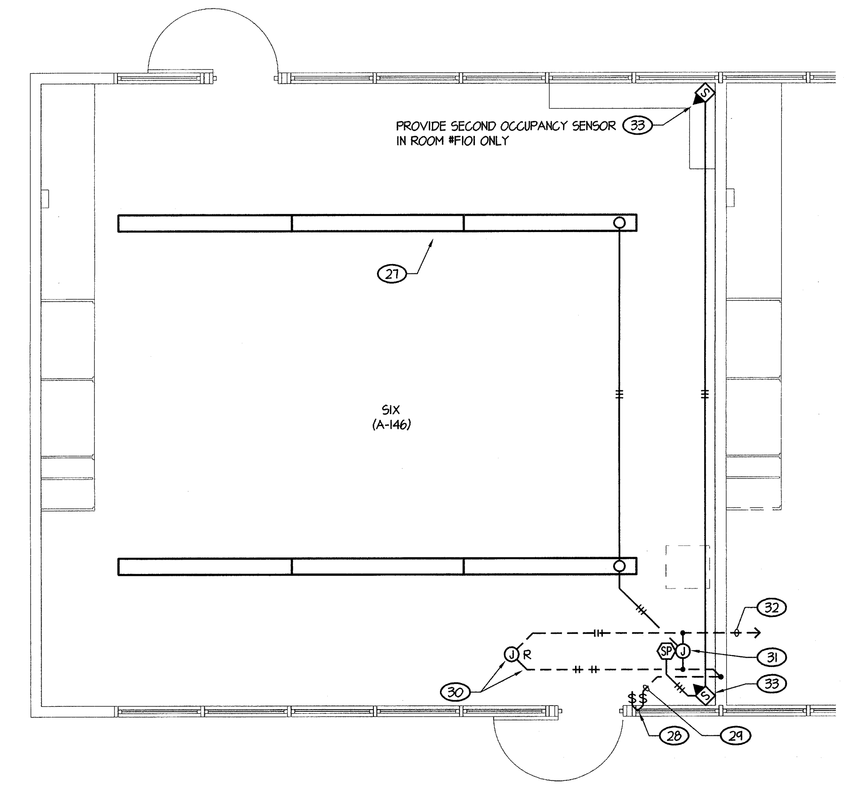
1. REMOVE ALL ELECTRICAL CONNECTIONS TO THE EXISTING UNIT HEATER BEING REMOVED. CUTOFF EXISTING CONDUIT RISING THRU FLOOR FLUSH WITH FINISH FLOOR. PULL OUT ALL EXISTING WIRE BACK TO THE ELECTRICAL PANEL.
2. DENOTES EXISTING RECEPTACLE TO REMAIN IN SERVICE. VERIFY AND KEEP IN SERVICE. WHERE RECEPTACLE IS IN WAY OF ANY NEW CONSTRUCTION, REMOVE DEVICE, PULL OUT IDLE WIRING OR RE-ROUTE AND RECONNECT TO KEEP ANY EXISTING DEVICES "DOWNSTREAM" IN SERVICE. REPLACE EXISTING DEVICE WITH NEW AND RECONNECT. PROVIDE NEW STAINLESS STEEL WALLPLATE AT ALL EXISTING RECEPTACLES. CONTRACTOR SHALL FIELD VERIFY THAT EXISTING HOMERUNS AND BRANCH CIRCUITING CONTAIN AN EQUIPMENT GROUND CONDUCTOR. IF THEY DO NOT, CONTRACTOR SHALL REMOVE EXISTING CONDUCTORS AND REPLACE WITH NEW MATCHING CONDUCTORS AND A NEW #12 EQUIPMENT GROUND CONDUCTOR. CONTRACTOR SHALL PROVIDE GROUNDING SCREW AND GROUNDING CONDUCTOR BETWEEN WIRING DEVICE AND EXISTING METALLIC OUTLET BOX.
3. PROVIDE DUPLEX RECEPTACLE FLUSH IN CEILING DIRECTLY ABOVE VIDEO PROJECTOR SHELF. CONNECT TO 120V CIRCUIT AS SHOWN.
4. PROVIDE LOW VOLTAGE DEVICE MOUNTING BRACKET AT CEILING DIRECTLY ABOVE VIDEO PROJECTOR SHELF. (ARLINGTON INDUSTRIES #LV2 OR EQUAL) PROVIDE A 2 GANG NON-MAGNETIC S/S COVERPLATE WITH A SINGLE DECORATOR DEVICE OPENING.
5. PROVIDE SURFACE DIVIDED RACEWAY, LENGTH AS SHOWN. VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT.
6. PROVIDE RACEWAY FITTING AT 30° O.C. ALONG SURFACE DIVIDED RACEWAY U.O.N. CONNECT DUPLEX RECEPTACLES ON ALTERNATING CIRCUITS.
7. PROVIDE VERTICAL RUN OF SURFACE RACEWAY UP WALL INTO ACCESSIBLE ATTIC SPACE. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
8. JUNCTION BOX FOR UNDERFLOOR DUCT SYSTEM WITH OPENINGS TO ACCEPT ONE NO. 2 AND ONE NO. 4 DUCTS, HEAVY DUTY SQUARE ACCESS PLATE AND FLANGED TILE TRIM. JUNCTION BOX SHALL BE A WALKER DUCT #224HR-1 1/2/SFCB14-1/8 (OR SFCS14-1/8) OR EQUAL.
9. UNDERFLOOR DUCT SYSTEM WITH ONE NO. 2 (POWER) AND ONE NO. 4 (DATA) DUCTS EQUIPPED WITH 3" HIGH PRESETS AT 24" ON CENTER. DUCT LENGTHS AS SHOWN ON PLANS. UNDERFLOOR DUCT SYSTEM SHALL BE WALKER DUCT PRO SERIES #D22415/D42415 OR EQUAL. PROVIDE ADJUSTABLE DUCT SUPPORTS, HOLD-DOWN STRAPS, COUPLINGS, DUCT END PLUG, ETC. FOR A COMPLETE SYSTEM. REFER TO DETAILS #9/E-150 AND #10/E-150 (FOR WOOD FLOORING)
10. FLUSH ACTIVATION SERVICE FITTING WITH TWO GANG COMBINATION CARPET AND TILE FLANGE, DUPLEX COVER PLATE AND ONE GFI COVER PLATE. SERVICE FITTING SHALL BE A WALKER DUCT PRO SERIES #B2TB/B2BR/B2BGFITC OR EQUAL. FINISH SHALL BE BRASS OR BRUSHED ALUMINUM (-CAL) AS SELECTED BY ARCHITECT. ADJACENT DUPLEX RECEPTACLES ON ALTERNATING CIRCUITS.
11. UNDERFLOOR DUCT SYSTEM WITH ONE NO. 2 (POWER) AND ONE NO. 4 (DATA) DUCTS. LENGTHS AS SHOWN ON PLANS. UNDERFLOOR DUCT SYSTEM SHALL BE WALKER DUCT PRO SERIES #2-014-0 OR EQUAL. PROVIDE ADJUSTABLE DUCT SUPPORTS, HOLD-DOWN STRAPS, COUPLINGS, DUCT END PLUG, ETC. FOR A COMPLETE SYSTEM REFER TO DETAIL #9/E-150 AND #10/E-150. VERIFY EXACT LOCATIONS OF UNDERFLOOR DUCT RUNS WITH OWNER PRIOR TO DEMOLITION OF FLOOR.
12. THREE 2"G TO THE NO. 4 UNDERFLOOR DUCT/CORNER OF JUNCTION BOX.
13. RUN CONDUITS UP FACE OF EXISTING WALL. PROVIDE CONDUIT ENCLOSING SHROUD PER DETAIL #11/E-150.
14. STUB CONDUITS UP INTO ACCESSIBLE ATTIC SPACE AREA.
15. 1 1/2"G - 4 #12 + 1 #12 GND.
16. CONNECT TO THREE NEW CIRCUIT BREAKERS IN THE EXISTING PANEL AS NOTED. RUN IN CONCEALED ACCESSIBLE ATTIC SPACE ABOVE T-BAR CEILING. FISH DOWN INSIDE WALL TO PANEL IF POSSIBLE. IF NOT, CUT AND PATCH WALL AS NECESSARY. CONTRACTOR OPTION TO UTILIZE ANY EXISTING EMPTY CONDUIT AVAILABLE FROM PANEL UP INTO ACCESSIBLE ATTIC SPACE.
17. REPLACE EXISTING 120/208V RECEPTACLE WITH TWO NEW DUPLEX RECEPTACLES AND RECONNECT TO EXISTING 2 #12 + 1 #12 GND WIRING. PULL OUT ANY "IDLE" WIRING NOT USED. RECONNECT CIRCUIT AT EXISTING PANEL TO A 20A 1 POLE CIRCUIT BREAKER. PROVIDE NEW STAINLESS STEEL WALLPLATE.
18. RUN FEED DOWN WINDOW MULLION AND PROVIDE A DOUBLE DUPLEX RECEPTACLE PER DETAIL #8/E-150.
19. PROVIDE A DEVICE BRACKET AND INSERT FOR THE COAX CABLE TV CONNECTION. LOCATE ON VERTICAL RACEWAY AT LOCATION DIRECTLY BEHIND THE EXISTING TV UNIT.
20. PROVIDE DUPLEX RECEPTACLE ON VERTICAL RACEWAY BEHIND EXISTING TV UNIT.
21. J-BOX ABOVE IN ACCESSIBLE ATTIC SPACE.
22. CONNECT TO THREE NEW CIRCUIT BREAKERS IN THE EXISTING PANEL AS NOTED PER RESPECTIVE POWER PLANS ON SHEETS #E-131 AND #E-133.
23. PICK UP THE EXPOSED "S-VIDEO" CABLE AND REINSTALL CONCEALED ABOVE IN ACCESSIBLE ATTIC SPACE OVER TO THE TEACHERS WORK STATION COMPUTER. VERIFY EXACT LOCATION WITH OWNER FOR EACH ROOM. RUN CABLE DOWN INSIDE THE NEW SURFACE DIVIDED RACEWAY. RECONNECT CABLE BETWEEN VIDEO PROJECTOR AND COMPUTER TO MATCH PREVIOUS CONDITIONS.
24. PICK UP THE EXISTING EXPOSED TV COAX CABLE AND REINSTALL CONCEAL ABOVE IN ACCESSIBLE ATTIC SPACE. RUN COAX CABLE DOWN TO TV OUTLET IN THE SURFACE DIVIDED RACEWAY. RECONNECT CABLE BETWEEN VIDEO PROJECTOR AND T.V. TO MATCH PREVIOUS CONDITIONS.
25. CONTRACTOR TO VERIFY EXACT PLACEMENT OF UNDERFLOOR DUCT WITH OWNER PRIOR TO SAW CUTTING OF FLOOR. REFER TO ARCHITECT'S SPECS FOR SAW CUTTING AND PATCHING REQUIREMENTS.
26. ALL NEW ELECTRICAL WORK SHALL BE CONCEALED IN WALLS OR ATTICS, U.O.N. IF NEW WORK CANNOT BE CONCEALED, THE CONTRACTOR SHALL PROVIDE A SURFACE NON-METALLIC RACEWAY SYSTEM WITH SIZE AS NECESSARY TO PERFORM SAID WORK. RACEWAY SYSTEM SHALL BE IVORY IN COLOR. VERIFY ALL NEW EXPOSED WORK WITH OWNER.
27. INSTALL NEW SUSPENDED LIGHT FIXTURES PER DETAIL #4/E-150.
28. REPLACE EXISTING SURFACE MOUNTED LIGHT SWITCHES. PROVIDE NEW COMBINATION DEVICE (TWO SWITCHES, STACKED ONE ABOVE THE OTHER) AND MOUNT IN EXISTING RECESSED SINGLE GANG BOX AND RECONNECT TO EXISTING WIRING. PULL OUT ANY "IDLE" WIRING NOT BEING USED.
29. REUSE EXISTING CONDUIT AND WIRING FROM SWITCH BOX TO ATTIC.
30. REMOVE ANY EXISTING JUNCTION BOXES IN ACCESSIBLE ATTIC SPACE NOT BEING USED.
31. INTERCEPT EXISTING BRANCH CIRCUIT FEED AND SWITCH LEG FEED IN ATTIC SPACE. CONNECT TO EXISTING CIRCUIT AND EXTEND TO NEW LIGHTING.
32. EXISTING TWO CIRCUIT BRANCH FEED IN ATTIC. REUSE ONLY ONE CIRCUIT FOR NEW LIGHTING. PULL OUT ANY "IDLE" WIRING NOT BEING USED.
33. MOUNT OCCUPANCY SENSOR AND RESPECTIVE SWITCHPACK PER DETAIL #6/E-150. LOCATE OCCUPANCY SENSOR ON CEILING AND NEAR CORNER OF ROOM.




## PARTIAL POWER AND SIGNALS PLAN - BUILDING B

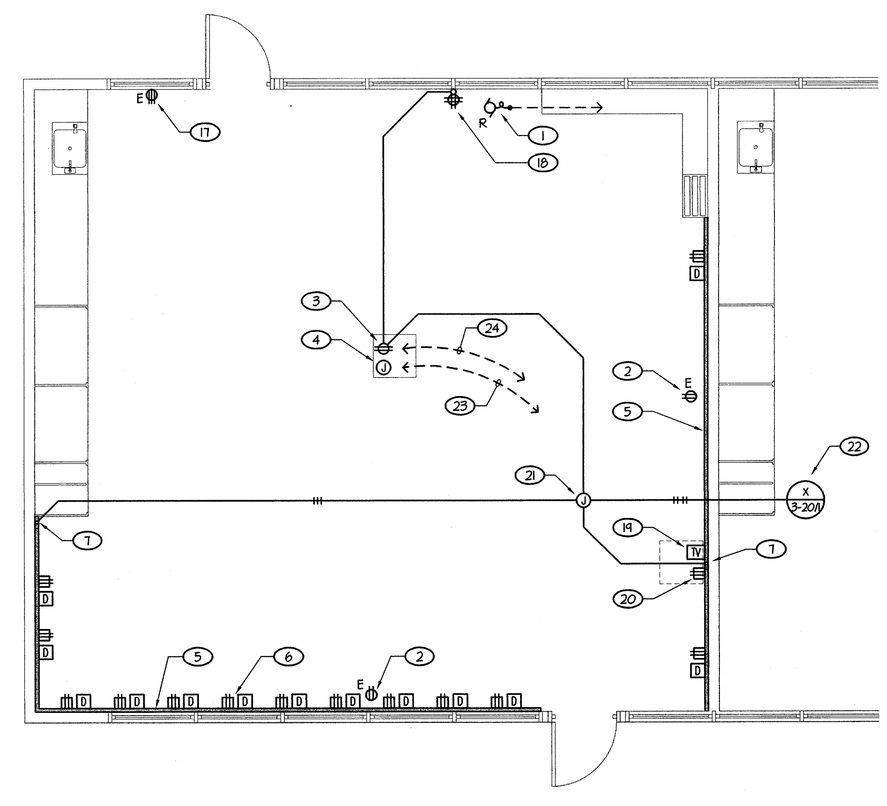
1/4" = 1'-0"




## TYPICAL CLASSROOM LIGHTING PLAN 26

TYPICAL WORK FOR CLASSROOMS AT BUILDINGS A, C, F AND H.



## TYPICAL CLASSROOM POWER AND SIGNALS PLAN 26

NORTH

0' 2' 4' 8'


ORDIZ MELBY ARCHITECTS, INC.

5500 MING AVENUE SUITE 280
BAKERSFIELD, CALIFORNIA 93309
TELEPHONE (661) 832-5258
FACSIMILE (661) 832-4291

LICENSED ARCHITECT WILLIAM JOHN MELBY No. C-16835 DEC. 31, 2007 RENEWAL DATE STATE OF CALIFORNIA

DANNY E. ORDIZ, AIA
ARCHITECT C-14,728

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

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THEODORE R. ROSE Exp. 6/30/09 ELECTRICAL STATE OF CALIFORNIA

Rose Sing and Associates, Inc.
Electrical Consultants
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

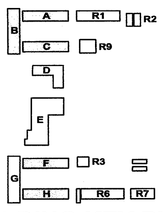
AC _____ FLS _____ SS _____

DATE _____

# MODERNIZATION AT CURRAN MIDDLE SCHOOL FOR:

## BAKERSFIELD CITY SCHOOL DISTRICT

1116 LYMRIC WAY
BAKERSFIELD
CALIFORNIA
93309




## BUILDING KEY PLAN

| 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

## PARTIAL POWER AND SIGNALS PLAN

SHEET IDENTIFICATION NUMBER

E-134

SHEET OF


RSA \SCHOOLS\BFIELD\BCSD\CURRAN 2007 REVISIONS\E-134.dwg REVISED: 11-14-07 BY: DP RSA JOB #07-140-RS