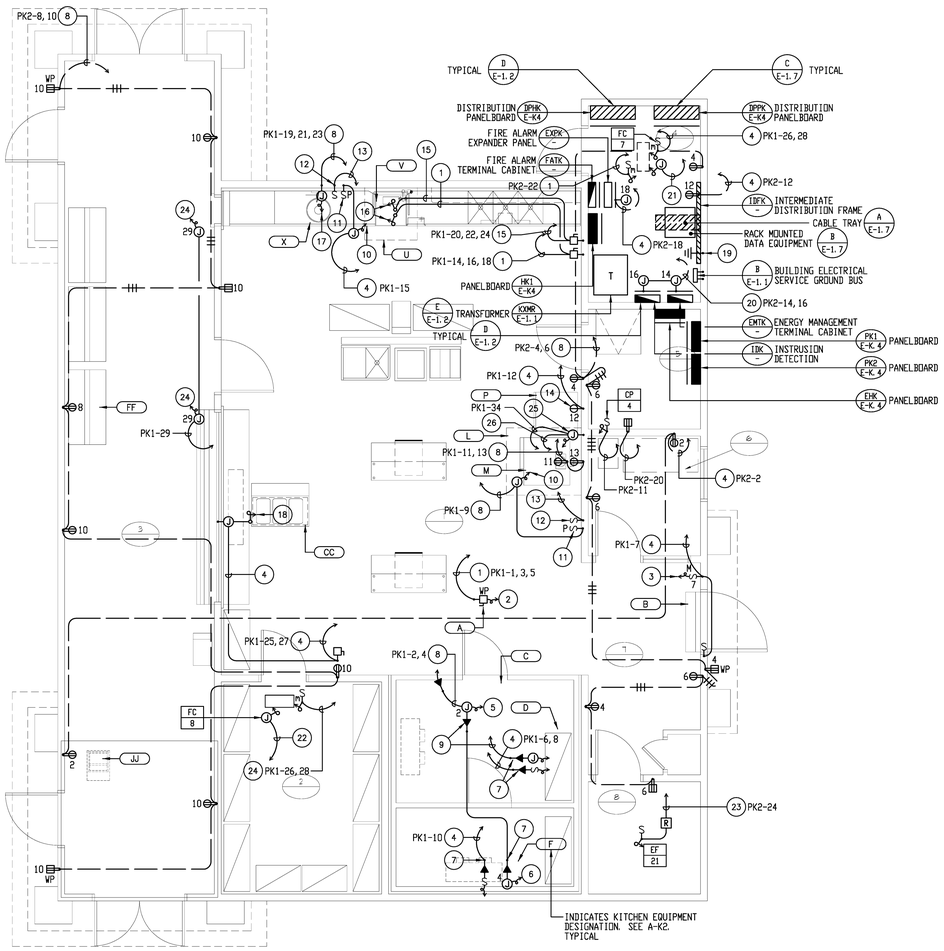


POWER PLAN

SCALE: 1/4" = 1'-0"

PLAN NOTES:

1. PROVIDE 3#8, 1#10 GRD. - 1"C.
2. CONNECT TO REMOTE REFRIGERATION RACK IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS.
3. WIRE THRU DOOR MICROSWITCH IN ACCORDANCE WITH INSECT CONTROL FAN MANUFACTURER'S REQUIREMENTS.
4. PROVIDE 2#12, 1#12 GRD. - 3/4"C. CONTINUE THE GROUND WIRE THROUGH THE ENTIRE CIRCUIT LENGTH.
5. CONNECT TO WALK IN COOLER IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS. PROVIDE 'EYS' TYPE FITTINGS AT ALL THROUGH CONDUIT PENETRATIONS.
6. CONNECT TO WALK IN FREEZER IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS. PROVIDE 'EYS' TYPE FITTINGS AT ALL THROUGH CONDUIT PENETRATIONS.
7. PROVIDE 'EYS' TYPE FITTINGS AT ALL THROUGH CONDUIT PENETRATIONS.
8. PROVIDE 3#12, 1#12 GRD. - 3/4"C. CONTINUE THE GROUND WIRE THROUGH THE ENTIRE CIRCUIT LENGTH.
9. PROVIDE 5#12 - 3/4"C. TO REMOTE REFRIGERATION RACK AT ROOF.
10. CONNECT TO EXHAUST HOOD AND LIGHT IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS. PROVIDE 100 WATT INCANDESCENT LAMP.
11. ENGRAVE SWITCH COVERPLATE TO READ 'HOOD LT.'
12. ENGRAVE SWITCH COVERPLATE TO READ 'HOOD FAN'.
13. PROVIDE 2#12 - 1/2"C. TO HOOD EXHAUST FAN AT ROOF.
14. PROVIDE 30A, 125V. 2 POLE, 3 WIRE GROUNDING TYPE RECEPTACLE (NEMA 5 - 30R) FOR CONNECTION TO HEATED CABINET.
15. PROVIDE 3#6, 1#6 GRD. - 1 1/2"C.
16. CONNECT TO DISHWASHER IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS.
17. CONNECT TO 2HP GARBAGE DISPOSER IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS. PROVIDE SEAL TITE FLEX CONNECTIONS TO DISPOSER, SOLENOID VALVE AND STOP-START SWITCH.
18. CONNECT TO HOT FOOD COUNTER IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS.
19. PROVIDE 1#6 GRD. - 1 1/4"C. TO BUILDING ELECTRICAL SERVICE GROUND BUS.
20. PROVIDE 4#12, 1#12 GRD. - 3/4"C. PROVIDE SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT INDICATED. CONTINUE THE GROUND WIRE THROUGH THE ENTIRE CIRCUIT LENGTH.
21. PROVIDE 3/4"C. WITH INTERLOCKING CONTROL WIRING TO RESPECTIVE CU UNIT.
22. PROVIDE 3/4"C. WITH INTERLOCKING CONTROL WIRING TO RESPECTIVE HVAC UNIT.
23. PROVIDE RELAY TO CONTROL EXHAUST FAN WITH LIGHTING.
24. CONNECT TO SMOKE/FIRE DAMPER AS REQUIRED.
25. CONNECT TO GAS SOLENOID AND TO FIRE SUPPRESSION SYSTEM.
26. PROVIDE 1"C. TO CONTACTOR AT PANEL 'PK1' TO CONTROL EQUIPMENT UNDER KITCHEN HOOD. SEE FOOD SERVICE DRAWINGS FOR OTHER REQUIREMENTS NOT SHOWN HERE.

KITCHEN EQUIPMENT LEGEND

A. REFRIGERATION SYSTEM
B. INSECT CONTROL FAN
C. PREFAB REFRIGERATOR/FREEZER
D. EVAPORATOR COOLER, MED. TEMP.
E. SHELVING COLD STORAGE
F. EVAPORATOR COOLER, LOW TEMP.
G. SHELVING DRY STORAGE
H. LOCKERS
I. BREAD RACK
K. HAND SINK
L. EXHAUST VENTILATOR
M. OVEN, GAS CONVECTION, DOUBLE-DECK
N. RACK, UTILITY
P. CABINET, PROOFERHOT
Q. WORK TABLE, MOBILE
R. WORK TABLE, MOBILE
S. SHELVING UNIT, MOBILE
T. SINK DISHTABLE ASSEMBLY
U. CONDENSATE HOOD
V. DISHWASHER, DOOR-TYPE
W. FAUCET, PRE-RINSE
X. DISPOSER, 3/4 HP
Z. DISHTABLE, SOILED
AA. PASS-THRU WINDOW
BB. SINK, FOOD PREP
CC. SERVING COUNTER, HOT FOOD
DD. COUNTER, SERVING
EE. SNEEZE GUARD/SERVING TABLE
FF. MILK COOLER
GG. SALAD BAR
HH. COMPUTER TABLE
JJ. COMPUTER
KK. TRAY DISPENSER

ROOM TITLES

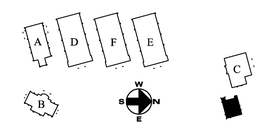
● ONE-HOUR SEPARATION

● 1. KITCHEN
● 2. DRY STORAGE
3. SERVING LINE
● 4. ELECTRICAL
● 5. CUSTODIAN
6. OFFICE
7. ENTRY
8. UNISEX TOILET

FOOD SERVICE GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL OBTAIN, PRIOR TO BID, KITCHEN CONSULTANTS FOOD SERVICE DRAWINGS AND SHALL INCLUDE ALL ALL ADDITIONAL ELECTRICAL WORK NOT SHOWN ON THE ELECTRICAL PLANS, BUT INCLUDED IN THE ELECTRICAL CONTRACT. THIS ADDITIONAL WORK INCLUDES, BUT IS NOT LIMITED TO, THE WORK DESCRIBED BELOW IN THESE NOTES.
2. REFER TO FOOD SERVICE DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES, JUNCTION BOXES AND CONNECTIONS IN FOOD SERVICE AREAS.
3. REFER TO FOOD SERVICE DRAWINGS FOR ADDITIONAL OUTLETS, J-BOXES, RECEPTACLES, LIGHT FIXTURES AND CONNECTIONS NOT SHOWN ON ELECTRICAL PLANS.
4. DEVICE PLATES IN KITCHEN, INCLUDING SERVICE AREAS, SHALL BE STAINLESS STEEL.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, JUNCTION BOXES, ELECTRICAL OUTLETS, SWITCHES AND COVER PLATES NOT BUILT INTO EQUIPMENT OR FABRICATED FIXTURES. ALL ROUGH-INS SHALL BE CONCEALED IN WALL WHEREVER POSSIBLE.
6. ELECTRICAL CONTRACTOR TO PROVIDE ALL FLEXIBLE CORDS AND PLUGS AS REQUIRED FOR INSTALLATION OF FOOD SERVICE EQUIPMENT.
7. ALL WIRING FOR CIRCUITING SHOWN ON THIS PLAN SHALL BE INSTALLED CONDUIT. MC CABLE IS NOT ALLOWED.
8. ALL RECEPTACLES IN THE KITCHEN TO BE GFI TYPE RECEPTACLES.

KEYPLAN



LICENSED ARCHITECT JAMES M. STUDDER C19098 RENEWAL 02/28/ STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER STEPHEN R. FOX No. E 10272 Exp. 06-30-12 ELECTRICAL STATE OF CALIFORNIA

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ROOSEVELT II
ELEMENTARY SCHOOL
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
1281 W. 16TH STREET, SAN BERNARDINO, CA.

BUILDING K
POWER PLAN

JOB NO. PS209
DRAWN BY FBA
DATE 12/8/2011

E-K.2

RE-BID #F09-02 ROOSEVELT II (HENRY) E.S. NEW CONSTRUCTION BID ISSUANCE SET 12/09/11