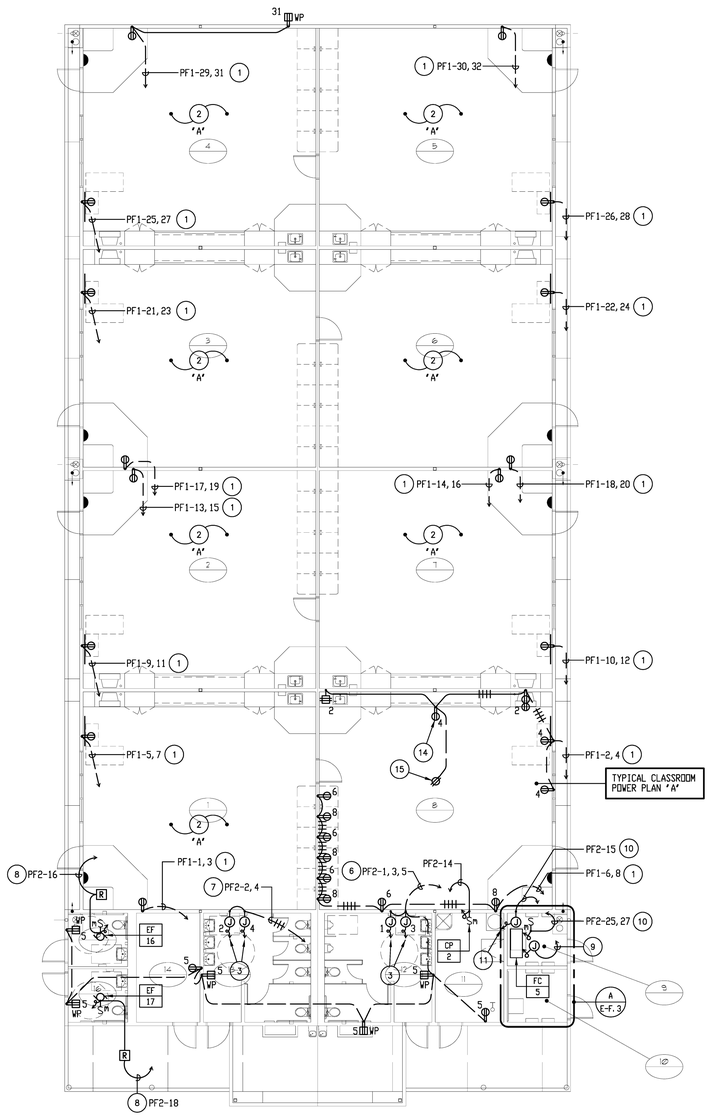
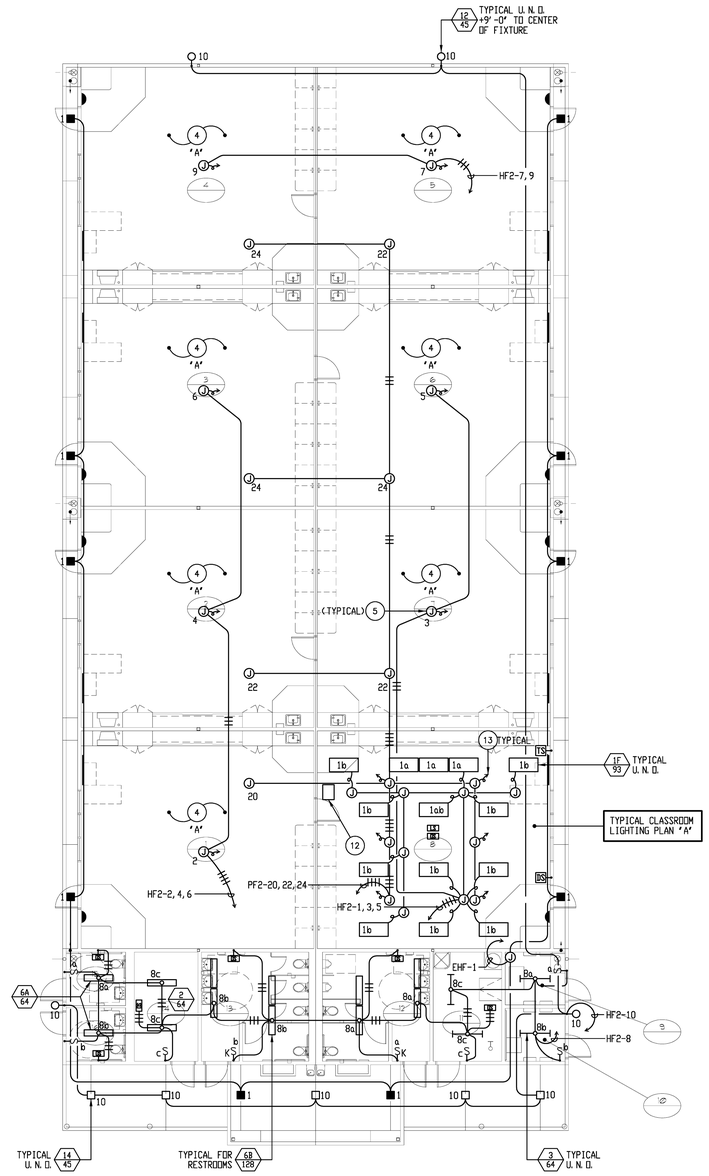


POWER PLAN

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



LIGHTING PLAN

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

PLAN NOTES:

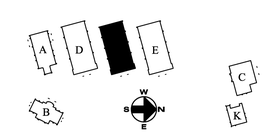
1. PROVIDE 4#12, 1#12 GRD. - 3/4"C. PROVIDE SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT INDICATED. CONTINUE THE GROUND WIRE THROUGH THE ENTIRE LENGTH OF CIRCUIT.
2. PROVIDE COMPLETE ROOM POWER SYSTEM INCLUDING RECEPTACLES, BRANCH CIRCUITS, CONDUITS, JUNCTION BOXES AND CONNECTIONS PER TYPICAL CLASSROOM INDICATED.
3. PROVIDE CONNECTION TO 120V ELECTRIC HAND DRYERS.
4. PROVIDE COMPLETE LIGHTING SYSTEM INCLUDING OCCUPANCY SENSORS, WALL SWITCHES, LIGHT FIXTURES, BRANCH CIRCUITS, CONDUIT, JUNCTION BOXES AND CONNECTION PER TYPICAL CLASSROOM LIGHTING PLAN INDICATED.
5. PROVIDE JUNCTION BOX WITH BRANCH CIRCUIT FOR ROOM LIGHTING. SEE TYPICAL ROOM LIGHTING PLAN INDICATED.
6. PROVIDE 4#12, 1#12 GRD. - 3/4"C. CONTINUE THE GROUND WIRE THROUGH THE ENTIRE CIRCUIT LENGTH.
7. PROVIDE 2#12, 1#12 GRD. - 3/4"C. CONTINUE THE GROUND WIRE THROUGH THE ENTIRE CIRCUIT LENGTH.
8. PROVIDE RELAY TO CONTROL EXHAUST FAN WITH LIGHTING.
9. PROVIDE 3/4"C. WITH INTERLOCKING CONTROL WIRING TO RESPECTIVE CU UNIT.
10. PROVIDE 2#12, 1#12 GRD. - 3/4"C.
11. CONNECT TO CONDENSATE PUMP IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
12. PROVIDE (1) LIGHTING CONTROLLER FOR EVERY (2) CLASSROOMS PER THE LIGHTING RISER DIAGRAM ON SHEET E1.8.
13. PROVIDE POWER TO SOLATUBE SHUTTER, REFER TO LIGHTING RISER DIAGRAM ON SHEET E1.8 FOR CONTROLS.
14. MOUNT DUPLEX RECEPTACLE FLUSH IN FACE OF CASEWORK, +18".
15. PROVIDE COMBINATION FLUSH IN FLOOR BOX WTIH DUPLEX RECEPTACLE, TWO PORT DATA OUTLET, 15 PIN S-VIDEO, AUDIO & MIC JACKS. FLOOR BOX SHALL BE HUBBELL SYSTEM ONE SERIES WITH PLATES & COVER IN FINISH AS SELECTED BY ARCHITECT.

ROOM TITLES

● ONE-HOUR SEPARATION

1. CLASSROOM
2. CLASSROOM
3. CLASSROOM
4. CLASSROOM
5. CLASSROOM
6. CLASSROOM
7. CLASSROOM
8. CLASSROOM
● 9. DATA ROOM
● 10. ELECTRICAL
● 11. CUSTODIAN
12. BOYS TOILET
13. GIRLS TOILET
14. STORAGE
15. UNISEX STAFF TOILET
16. UNISEX STAFF TOILET

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

FBA Engineering
Consulting Electrical Engineers
3625 Tyler Avenue, Suite 200
El Monte, California 91731
TEL: 626 350 6600 FAX: 626 350 5207
EMAIL: fba@fbaengineering.net
FBA # 270.082

REVISIONS	DATE
1	
2	
3	
4	
5	
6	

P S W C GROUP
ARCHITECTS / PLANNERS
1897 BUSINESS CENTER DR., SUITE 3, SAN BERNARDINO, CA. 92408
909/890-2233 FAX. 909/890-2844

ROOSEVELT II
ELEMENTARY SCHOOL
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
1261 W. 16TH STREET, SAN BERNARDINO, CA.

BUILDING F
LIGHTING AND POWER
PLANS

JOB NO. P630
DRAWN BY FBA
DATE 12/9/2011

E-F.1

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