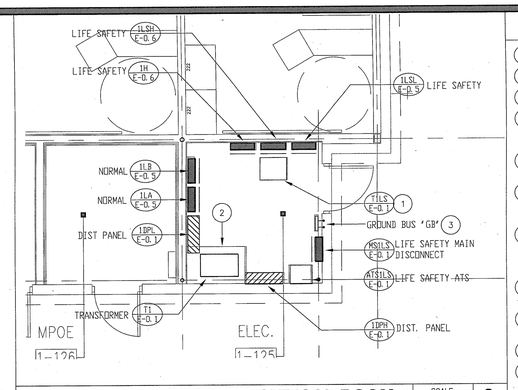
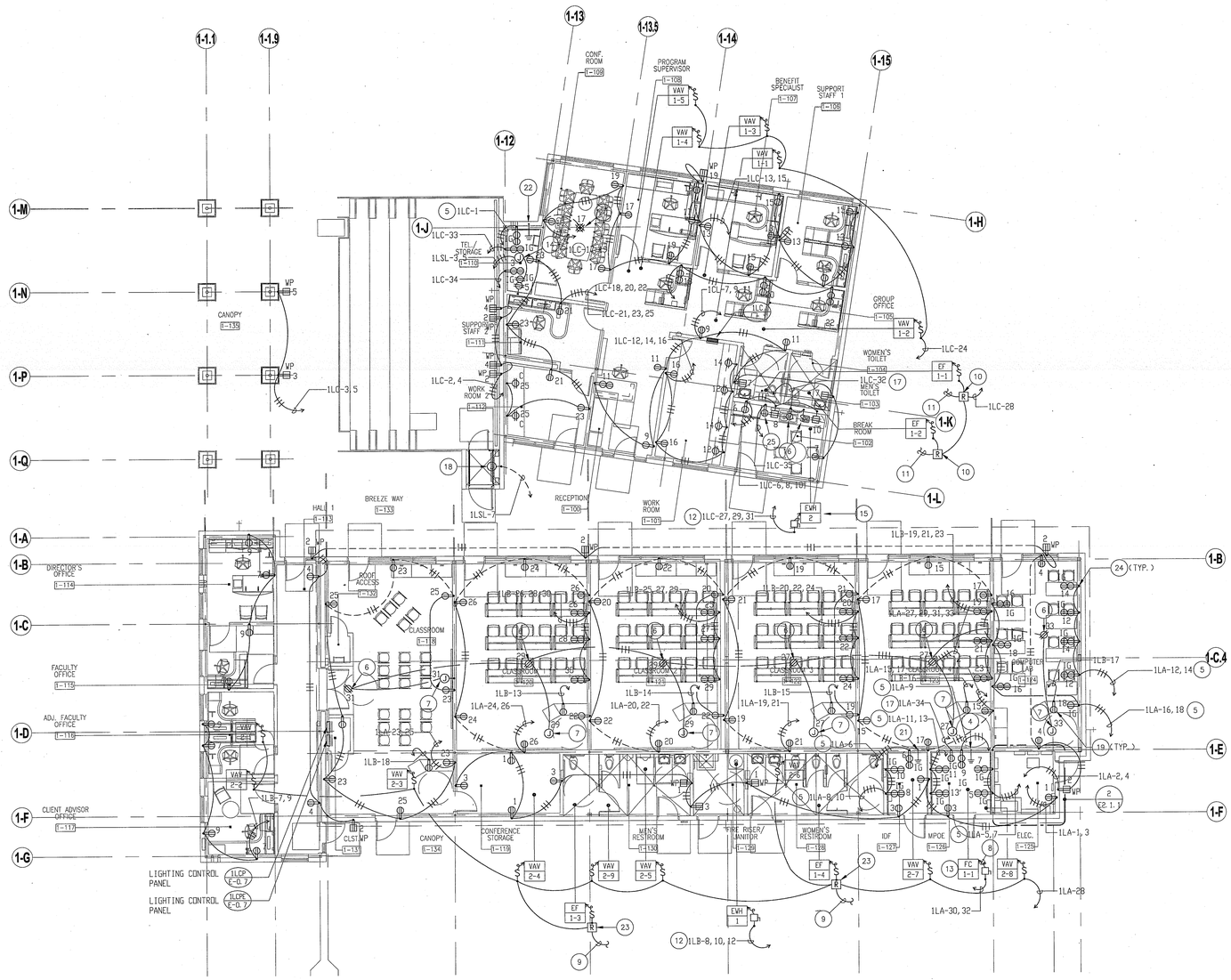


ENLARGED ELECTRICAL ROOM

SCALE: 1/4"=1'-0" | 2

KEYNOTES

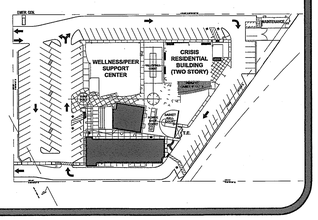
1. SUSPEND ABOVE ROOF FRAMING ABOVE PANEL '1LSL'.
2. 4" HIGH CONCRETE EQUIPMENT PAD.
3. REFER TO DETAIL 13, SHEET E-0.2
4. PROVIDE ALL TEC TERRABAR TB1 SERIES GROUND BUS. FOR TELECOM, MDF. MOUNT +18" ON BACKBOARD. PROVIDE 3/4"C. 1#6 GROUND TO GROUND BUS IN THEMAIN ELECTRICAL ROOM BLDG 2.
5. TERMINATE ISOLATED/INSULATED GROUND CONDUCTOR AT ISOLATED/INSULATED GROUND BUS IN PANELBOARD.
6. MOUNT RECEPTACLE 14'-3" FROM CENTER OF SCREEN. ON ROOF STRUCTURE FOR PROJECTIOR. COORDINATE WITH A/V CONTRACTOR.
7. POWER FOR PROJECTOR SCREEN. COORDINATE EXACT LOCATION OF SCREEN AND SCREEN CONTROL SWITCH WITH SCREEN PROVIDER PRIOR TO ROUGH-IN. UNLESS NOTED OTHERWISE.
8. WIRING AND CONTROL TO FCU SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE WITH MECHANICAL CONTRACTOR.
9. CONTROL INTERLOCK WITH AC UNIT. COORDINATE WITH MECHANICAL CONTRACTOR.
10. CONTROL RELAY BY ELECTRICAL CONTRACTOR.
11. TO RESTROOM LIGHT FIXTURE. EXHAUST FAN SHALL BE CONTROLLED WITH THE LIGHT IN RESTROOM.
12. 3/4"C. 3#10 AND 1#10 GRD. WIRE.
13. PROVIDE POWER CONNECTION TO FCU'S CONDENSATE PUMP WHERE REQUIRED. POWER SUPPLIED FROM 208V FCU CIRCUIT. COORDINATE WITH UNIT INSTALLER/PROVIDER.
14. MOUNT J-BOX ABOVE ACCESSIBLE CEILING FOR POWER CONNECTION TO BAS EQUIPMENT(TRIDIUM, EC.NET). COORDINATE EXACT LOCATION AND POINT OF CONNECTION TO THE UNIT WITH BAS PROVIDER/INSTALLER PRIOR TO ROUGH-IN.
15. COORDINATE EXACT LOCATION OF ELECTRIC WATER HEATER WITH MECHANICAL PRIOR TO ROUGH-IN.
16. SWITCH AND RECEPTACLE FOR GARBAGE DISPOSAL. PROVIDE NEMA 5-30R RECEPTACLE. LOCATE RECEPTACLE UNDER COUNTER.
17. 3/4"C. 2#10 AND 1#10 GRD. WIRE.
18. J-BOX FOR POWER CONNECTION TO HYDRAULIC DRIVE WHEELCHAIR LIFT. COMPLETE WIRING AND CONNECTION TO LIFT MACHINE FOR READY OPERATION. COORDINATE J-BOX EXACT LOCATION WITH LIFT PROVIDER/INSTALLED PRIOR TO ROUGH-IN.
19. MOUNT RECEPTACLE BELOW PODIUM/INSTRUCTOR DESK FOR A/V EQUIPMENT POWER. COORDINATE EXACT LOCATION OF OUTLET WITH A/V CONTRACTOR PRIOR TO ROUGH-IN. HOMERUN CONDUIT THRU WALL.
20. PROVIDE MULTI SERVICE FLOOR BOX HUBBELL #B433361, TWO (2) FLOOR BOX COVERS #S3825, ONE (1) S3625. CARPET FLANGE #SB3085 IF REQUIRED.
21. PROVIDE ALL TEC TERRABAR TB1 SERIES GROUND BUSBAR. MOUNT +18" ON BACKBOARD. PROVIDE 3/4"C.,1#6GROUND TO MDF GROUND BUS IN MPOE ROOM.
22. PROVIDE ALL TEC TERRABAR TB1 SERIES GROUND BUSBAR. MOUNT +18" ON BACKBOARD. PROVIDE 3/4"C.,1#6GROUND TO 1IDF.1 GROUND BUS IN IDF ROOM.
23. CONTROL INTERLOCK BY MECHANICAL CONTRACTOR.
24. COORDINATE OUTLET EXACT LOCATION WITH FURNITURE PLANS IN CLASSROOMS.
25. MOUNT OUTLET +5'-5" A.F.F. FOR MICROWAVE.



BUILDING 1 - POWER PLAN

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

KEYPLAN



County of Orange
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0742

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Drawn ___ Chkd. ___ Date 9-26-09

A-E Seal

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. ELLIS — No. E 18812 — Exp. 06-30-10 — ELECTRICAL — STATE OF CALIFORNIA

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Design RH | Chkd. JP | Date Nov. 26, 2009

Sht Title BUILDING 1 - POWER PLAN
Project COUNTY OF ORANGE HEALTH CARE AGENCY
401 SOUTH TUSTIN STREET
401 SOUTH TUSTIN STREET
ORANGE, CA 92866
PROJ. NO. 100-042-P210-4200

Plan No.
52333-03608

Sheet
E-2.1.1

0742 COUNTY OF ORANGE HEALTH CARE AGENCY 401 SOUTH TUSTIN STREET

Filename: S:\HA\0742\E-2.1.1-HA0742.DWG
Plotted On: Sep 25, 2009-10:15am By: ROBERT HELLIS
Plot Scale: 1.000 = 1 Inches