



**MAIN FLOOR POWER PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:**
1. FURNISH AND INSTALL 4" SQUARE x 2-1/8" DEEP OUTLET BOX WITH 4" SQUARE 3/4" HIGH PLASTER RING. COORDINATE WITH PLUMBING LOCATION. TYPICAL FOR ALL J-BOXES SHOWN AT WATER CLOSETS AND URINALS. INFRARED SENSORS SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
  2. FURNISH AND INSTALL 120VAC TO 24VAC TRANSFORMER, 100VA FOR INFRARED FLUSH CONTROL. TYPICAL FOR ALL TRANSFORMERS SHOWN ON THIS SHEET. REFER TO WIRING DIAGRAM ON E-7 FOR WIRING DETAILS.
  3. FURNISH AND INSTALL JUNCTION BOX FOR CONTROL POWER.
  4. FURNISH AND INSTALL RECEPTACLE FOR INFRARED SINKS. COORDINATE MOUNTING LOCATION WITH MECHANICAL CONTRACTOR. TYPICAL FOR ALL SINKS IN ROOMS B, 10, 11, WCI AND WC2.
  5. COORDINATE LOCATION OF RECEPTACLES AND DATA OUTLETS MOUNTED BEHIND CABINETS IN THE FIELD WITH ARCHITECT.
  6. PULL STATION SHALL HAVE PLASTIC COVER WITH LOCAL TAMPER RESISTANT ALARM.
  7. FURNISH AND INSTALL BOILER SHUTOFF SWITCH WIRED TO CONTROL CIRCUIT FOR EACH BOILER.
  8. ALL POWER AND COMMUNICATIONS WIRING SHALL BE INSTALLED WITHIN ARCHITECTURAL PEDISTALS FROM CRAWL SPACE BELOW.
  9. EF-2 SHALL BE CONTROLLED BY OCCUPANCY SENSORS MOUNTED ON CEILING OF WCI AND WC2. FAN SHALL BE WIRED SUCH THAT WHEN EITHER OCCUPANCY SENSOR IS ACTIVATED THE FAN SHALL RUN.
  10. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL HAND DRYERS IN LOCATIONS SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT. REFER TO ELECTRICAL SPECS FOR MODEL.
  11. AT ALL DATA AND TELEPHONE LOCATIONS, CONTRACTOR SHALL PROVIDE A 4" SQUARE DEVICE BOX WITH 3/4" CONDUIT TO CABLE MANAGEMENT IN CRAWL SPACE. CONTRACTOR SHALL PROVIDE ALL CABLING AND OUTLETS FOR THE PHONE SYSTEM PER SPECIFICATIONS. DATA CABLING SHALL BE DONE BY OWNER AT A LATER DATE. WHERE FUTURE FAX PHONES ARE SHOWN, PROVIDE BOX AND CONDUIT TO CRAWL SPACE ONLY.
  12. FURNISH AND INSTALL FROGMAN MOUNTED ABOVE EACH BOILER AND WIRED IN LINE WITH POWER TO BOILER.
  13. SMOKE DETECTORS SHALL BE MOUNTED ON THE WALL NO LESS THAN 3" FROM THE CEILING.
  14. FURNISH AND INSTALL 4" SQUARE DEVICE BOX WITH 3/4" CONDUIT TO THE CRAWL SPACE FOR FLUSH MOUNTED SPEAKERS, PROVIDED BY THE OWNER. COORDINATE LOCATION IN THE FIELD WITH THE OWNER.
  15. FURNISH AND INSTALL 4" SQUARE DEVICE BOX WITH 1-1/4" CONDUIT TO CRAWL SPACE FOR SIGNAL AND CONTROL CABLING TO MONITOR, VCR AND JOYSTICK. COORDINATE LOCATION IN THE FIELD WITH ARCHITECT.
  16. FURNISH AND INSTALL RECEPTACLE FOR PEOPLE COUNTING EQUIPMENT. PEOPLE COUNTING EQUIPMENT SHALL BE PROVIDED BY GENERAL CONTRACTOR.
  17. COORDINATE LOCATION AND MOUNTING HEIGHT OF RECEPTACLES IN THE FIELD WITH ARCHITECT.
  18. PROVIDE 3/4" CONDUIT AND WIRING FROM ELECTRICAL STRIKE ON DOOR INTO CRAWL SPACE AND TO TIME CLOCKS LOCATED IN OFFICE. PROVIDE (2) TIME CLOCKS TO CONTROL ELECTRIC STRIKES USING YORK MODEL 1101 OR EQUAL. POWER TIME CLOCKS AND ELECTRIC STRIKES FROM PANEL LP-1, CIRCUIT 30.
  19. PROVIDE 3/4" CONDUIT AND WIRING BETWEEN CARD READER AND ELECTRIC DOOR STRIKE. CARD READER TO BE INSTALLED BY DOOR VENDOR. POWER SYSTEM FROM PANEL LP-1, CIRCUIT 31.



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189 SOUTHBOUND  
STATE PROJECT # IM-BLDG (4)

**MAIN FLOOR POWER PLAN**

**E-4sb**

DRAWN: PROJLNG  
LCS  
CHECKED: DATE: JAN 16, 2001  
BRB

No.	DATE	REVISION