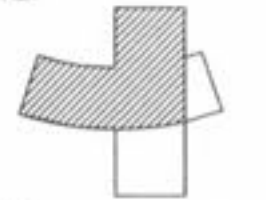




**RENAUD SPIRIT CENTER**  
For the City of O'Fallon - Missouri



Key Plan



Scale  
0 5 10 20  
1/8" = 1'-0"

Jacobs Project No: F043000

Drawing Title:

**ELECTRICAL  
FIRST FLOOR  
NORTH-WEST  
POWER PLAN**

Date: DECEMBER 9, 2002

Designed By: R. HANCOCK

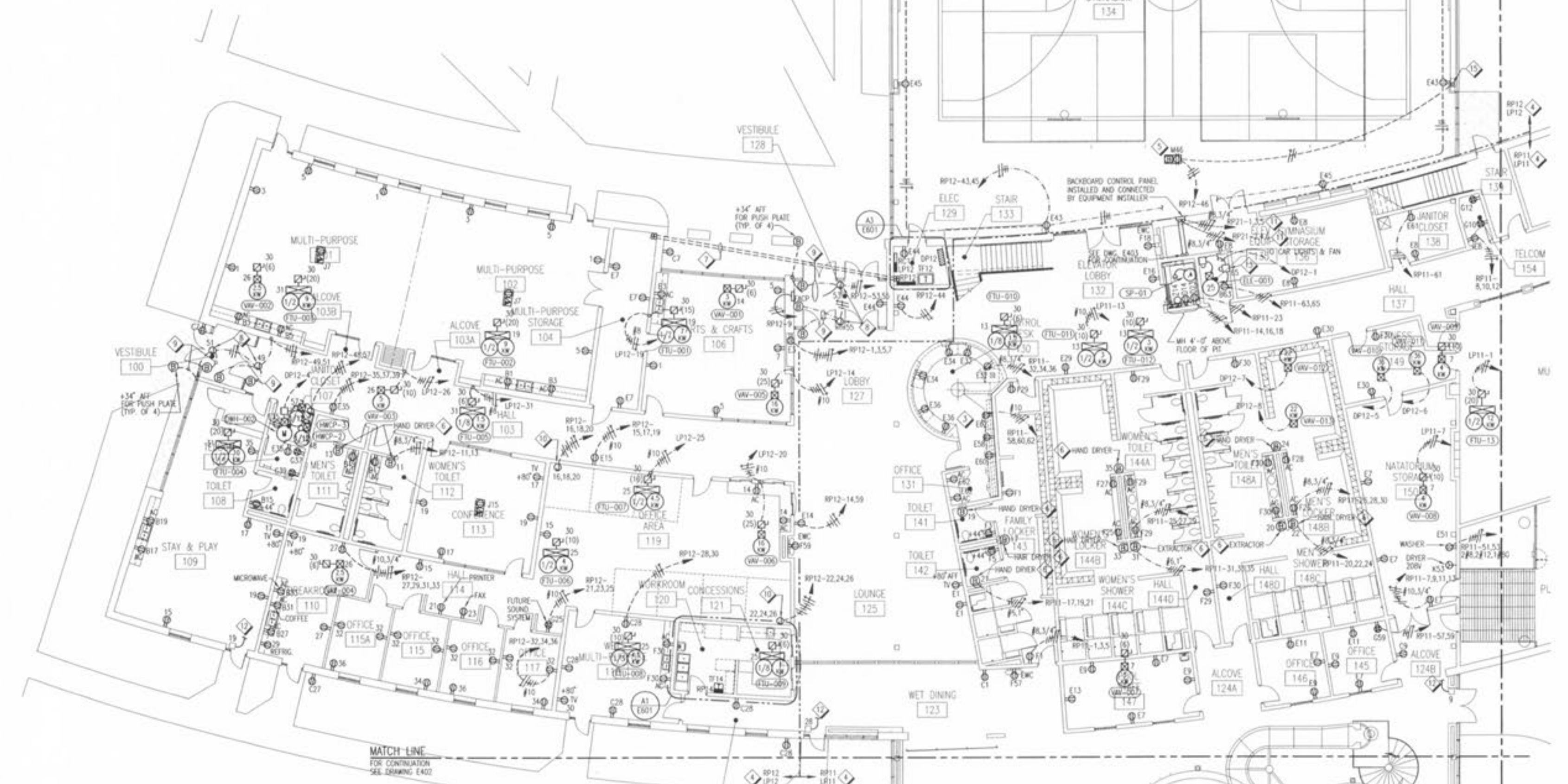
Drawn By: R. HANCOCK

Checked By: F. HERTZ

E401

NOTES:

1. FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, SEE DRAWING E001.
2. FOR ALL 3-PHASE FEEDS SHARING THE SAME 3-PHASE BRANCH CIRCUIT, BALANCE SINGLE PHASE LOADS AMONG THE THREE PHASE CONDUCTORS.
3. FOR MOUNTING LOCATIONS OF RECEPTACLES, SEE CONTROL DESK DETAILS ON DRAWING A701. COORDINATE INSTALLATION WITH CASING CONTRACTOR.
4. BRANCH CIRCUIT NUMBERS SHOWN ON PLAN ARE ASSOCIATED WITH RESPECTIVE PANEL INDICATED BY DRAWING LINES, UNLESS OTHERWISE NOTED.
5. FLOOR MOUNTED RECEPTACLE FOR SCOREBOARD CONTROL, MOUNT FLOOR BOX FLUSH WITH CONCRETE SUB FLOOR.
6. SEE ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING HEIGHTS OF ELECTRICAL OUTLETS FOR HALL AND HAND DRYERS AND SHAM SUIT EXTRACTORS.
7. PROVIDE SIX 1" AND FOUR 2" EMPTY CONDUITS WITH PULLWIRES, ROUTED UNDER SLAB FROM ELECTRICAL ROOM 129 TO STORAGE ROOM 104. STRIP UP 18" INTO ROOMS AND CAP FOR FUTURE USE.
8. JUNCTION BOX ABOVE CEILING FOR 120V POWER TO ADA DOOR OPERATORS. COORDINATE LOCATION WITH DOOR HARDWARE SUPPLIER.
9. 3/4" EMPTY CONDUIT WITH PULLWIRE TO DOOR OPERATOR IN CEILING FOR CONTROL WIRING. COORDINATE EXACT LOCATION WITH DOOR HARDWARE SUPPLIER.
10. JUNCTION BOX FOR POWER CONNECTION TO MODULAR FURNITURE SYSTEM. COORDINATE EXACT LOCATION WITH FURNITURE SUPPLIER.
11. FOR LOCATION OF PANEL RP21, SEE DRAWING E403.
12. PROVIDE 120 VOLT CONNECTION TO DETECT LOCAL ALARM DOOR HARDWARE FROM NEAREST RECEPTACLE AS SHOWN. COORDINATE EXACT LOCATION WITH DOOR HARDWARE SUPPLIER.
13. INSTALL A 120V, 20A/1P CIRCUIT BREAKER AHEAD OF THE ELEVATOR LIGHT SWITCH AND THE ELEVATOR FAN SWITCH. MOUNT DEVICES IN A LOCKABLE NEMA 1 ENCLOSURE.
14. INSTALL A JUNCTION BOX AT EACH FEEDER DAP TO FAN TERMINAL AND SHV UNITS THAT HAVE MULTIPLE UNITS ON SAME CIRCUIT.
15. ROUTE CIRCUIT RP12-46 UNDER FLOOR, UP WALL AND THROUGH COLUMN CHASE AND CONNECT TO SCOREBOARD ADJACENT TO CHASE FOR SCOREBOARD POWER.



A1 FIRST FLOOR NORTH-WEST POWER PLAN  
E401 1/8" = 1'-0"