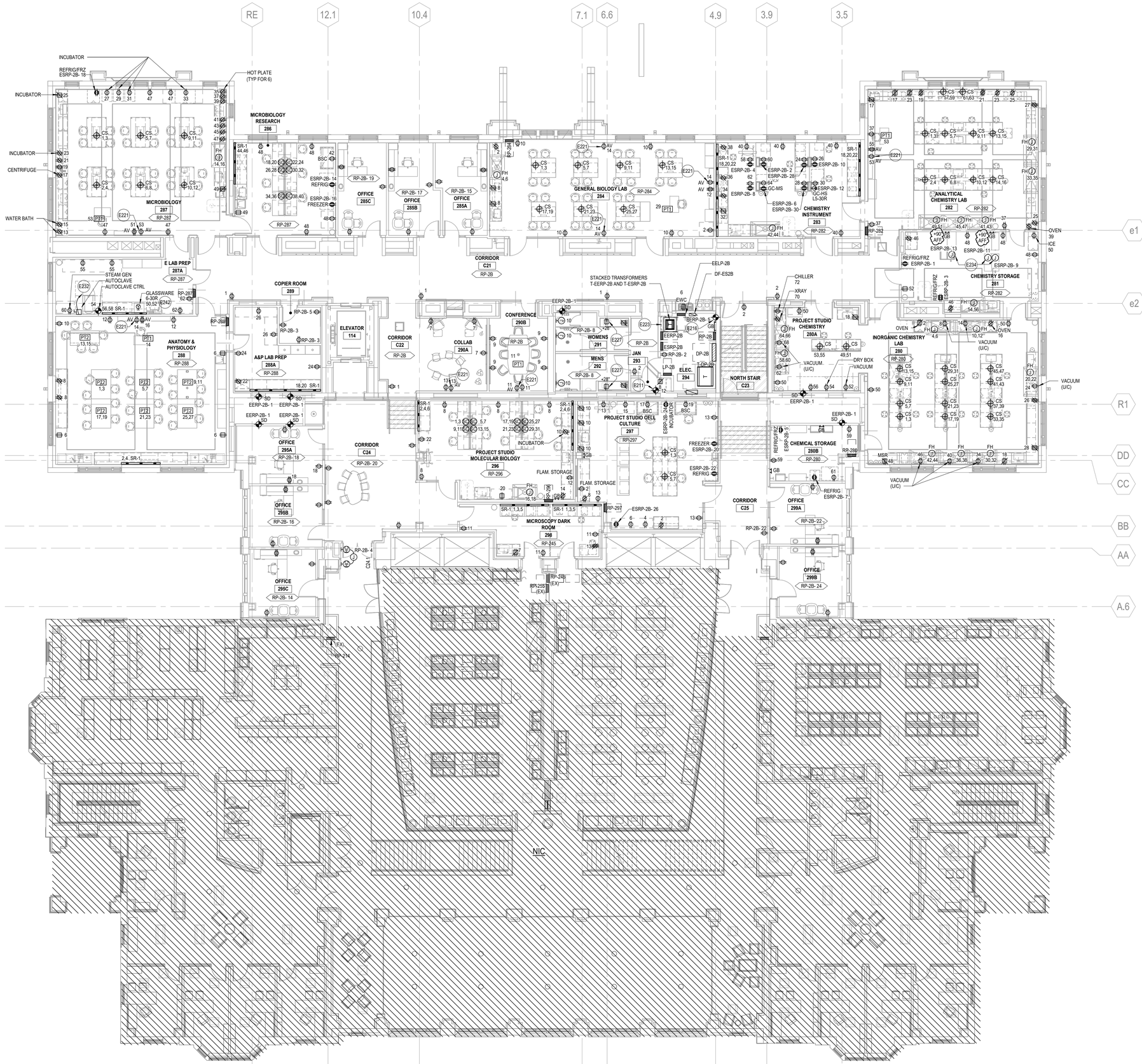

1 SECOND LEVEL ELECTRICAL POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

A. SEE DRAWING E0.1 FOR ABBREVIATIONS, SYMBOLS, GENERAL NOTES AND DEVICE MOUNTING HEIGHT OF WALL MOUNTED DEVICES, UON.
B. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
C. THE CONTRACTOR SHALL COORDINATE EXACT LOCATION OF EQUIPMENT POWER CONNECTIONS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
D. SEE MECHANICAL EQUIPMENT SCHEDULE FOR ASSOCIATED OVERCURRENT DEVICES, DISCONNECT SWITCHES, STARTERS AND WIRES.
E. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ANY REQUIRED TRANSFORMER/POWER SUPPLIES FOR DOOR HARDWARE. COORDINATE WITH ARCHITECTURAL AND SECURITY DRAWINGS FOR DOOR HARDWARE. PROVIDE 120V POWER AS REQUIRED.
F. X-RAY EXISTING FLOORS TO COORDINATE ALL WIRING DEVICE AND CORE DRILL LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH IN. LOCATION TO BE DETERMINED IN CONJUNCTION WITH FURNITURE SELECTION.
G. CONTRACTOR SHALL COORDINATE AND FIELD VERIFY REQUIREMENT OF NEUTRAL CONDUCTOR FOR ALL EQUIPMENT AND PROVIDE NEUTRAL CONDUCTOR AS NECESSARY.
H. FOR WORKSTATION CIRCUITS SHARING A NEUTRAL, PROVIDE APPROVED TIE BREAKERS AS PER NEC.
I. TRIPPING OF GFCI RECEPTACLES SHALL NOT AFFECT THE DOWNSTREAM RECEPTACLES.
J. NO MORE THAN 3 CIRCUITS MAY SHARE A HOMERUN.
K. FOR ALL MECHANICAL EQUIPMENT, PROVIDE ADDITIONAL 120V CONNECTIONS REQUIRED BY MANUFACTURER.
L. FOR EACH AIR HANDLING UNIT, PROVIDE (1)120V CONNECTION FOR LIGHTING AND RECEPTACLES. CIRCUIT TO MECHANICAL PANEL WITHIN THE SPACE. U.O.N.
M. PROVIDE 120V CIRCUITS FOR CONTROL PANELS AS REQUIRED BY CONTROL VENDOR. CIRCUIT TO MECHANICAL PANEL WITHIN THE SPACE.
N. ALL UNUSED WALL OUTLETS TO BE COVERED WITH BLANK PLATE. ALL BLANK PLATE COLORS TO MATCH WALL COLOR.
O. SEE ANY COMMUNICATIONS PATHWAY PLAN AND AV DRAWINGS, FOR ADDITIONAL CONDUITS TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
P. ALL CONDUIT ROUTED WITHIN SLAB SHALL COMPLY WITH GUIDELINES LISTED IN STRUCTURAL DRAWINGS.
Q. COORDINATE FINAL LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT AND ASSOCIATED DISCONNECT SWITCHES, STARTERS, VFDS, CONTROL POWER AND OTHER POWER REQUIREMENTS WITH DIV 22 AND 23.
R. CONTRACTOR IS RESPONSIBLE FOR ALL WIRING FROM VFDs AND DISCONNECTS SHOWN IN DRAWINGS TO THE EQUIPMENT AND IS TO COORDINATE WITH EQUIPMENT MANUFACTURER AND INSTALLATION INSTRUCTIONS.
S. WALL MOUNTED AND CEILING MOUNTED TRANSFORMERS SHALL BE MOUNTED SUCH THAT THE TRANSFORMER ENCLOSURE AND ALL ELEMENTS OF THE HANGER SUPPORT SYSTEM ARE LOCATED ABOVE THE MINIMUM WORKING SPACE HEIGHT IN COMPLIANCE WITH NEC 110.26.
T. PROVIDE GROUND FAULT PROTECTION FOR ALL 120-VOLT 15 AND 20-AMP RECEPTACLES LOCATED IN KITCHEN AREAS AS REQUIRED BY NEC 210.8(B).
U. COORDINATE LOCATION OF ALL ELECTRICAL DEVICES, RACEWAYS AND EQUIPMENT WITH OTHER TRADES IN FIELD PRIOR TO ROUGH-INS. LOCATION SHOWN ON ELECTRICAL PLANS ARE APPROXIMATE.
V. LOCATE MOTOR DISCONNECT SWITCHES AND VFD WITHIN SIGHT OF MOTOR, ADJACENT TO, OR AS NEAR AS POSSIBLE TO MOTOR. PROVIDE U-CHANNEL SUPPORT RACK NEAR MOTOR FOR MOUNTING WHERE REQUIRED. MAINTAIN CLEARANCES IN FRONT AND ABOVE UNIT PER NEC.
W. PROVIDE EARLY BREAK AUXILIARY CONTACTS IN MOTOR DISCONNECT SWITCHES USED WITH VARIABLE SPEED DRIVES. RUN 2#12 CONTROL WIRES IN 1/2" CONDUIT TO VFD. WIRE CAN BE RUN IN THE SAME CONDUIT WITH THE POWER WIRING IF 600V INSULATED WIRE IS USED.
X. PROVIDE CONCRETE HOUSEKEEPING PAD FOR ALL ELECTRICAL EQUIPMENT MOUNTED ON FLOOR.
Y. REFER TO TA SERIES FOR AUDIOVISUAL SCOPE OF WORK. REFER TO TT SERIES FOR TELCOM SCOPE OF WORK.
Z. REFER TO TY SERIES FOR SECURITY SCOPE OF WORK.

SHEET KEYNOTES

E211	FOR TRAP PRIMER UNIT. COORDINATE LOCATION IN FIELD.
E216	POWER FOR NAC PANEL. COORDINATE EXACT LOCATION IN FIELD.
E221	PROVIDE RECEPTACLE IN AV WALL BOX FOR TV. REFER TO AV DRAWINGS FOR ADDITIONAL INFORMATION.
E223	VERTICAL AREA RESERVED FOR ELECTRICAL CONDUIT ROUTING.
E227	RECEPTACLE FOR FLUSH VALVES. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH SUPPLIER AND OTHER TRADES IN FIELD FOR EXACT LOCATIONS AND REQUIREMENTS.
E232	CIRCUIT TO PANEL PP-98. REFER TO SHEET E5.2
E234	VENTILATED CHEMICAL STORAGE. EXTEND CONDUIT AS NEEDED IN FIELD TO FINAL EQUIPMENT CONNECTION. REFER TO Q SERIES FOR ADDITION INFORMATION.
E242	FOR CONNECTION TO GLASSWASHER. VERIFY EXACT LOCATION AND REQUIREMENTS PRIOR TO ANY WORK. PROVIDE FINAL CONNECTION AS REQUIRED.

8' 4' 0' 8' 16'
GRAPHIC SCALE: 1/8" = 1'-0"

GROVE CITY COLLEGE
ESTABLISHED 1876 · PENNSYLVANIA

ROCKWELL HALL 2.0 RENOVATION & ADDITION

100 CAMPUS DRIVE
GROVE CITY, PA 16127

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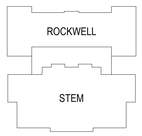
ISSUED FOR	REV	DATE
BP3: BULLETIN 09	6	01AUG2024
BP3: BULLETIN 08	5	12JUL2024
BP3: BULLETIN 04.5	4	27FEB2024
BP3: BULLETIN 03	3	14DEC2023
BP3: BULLETIN 01	2	05OCT2023
BP3: ISSUED FOR CONSTRUCTION	1	20SEP2023

SEALS AND SIGNATURES

PROJECT NORTH TRUE NORTH



SHEET TITLE
ROCKWELL SECOND LEVEL POWER PLAN

14108
PROJECT NUMBER
BP3

E2.1.2
SHEET NUMBER

Author
8/1/2024 4:04:25 PM
Plot Date: