GENERAL NOTES:
A. UNDERGROUND CONDUIT ROUTING SHOWN IS SCHEMATIC. COORDINATE EXACT ROUTING WITH CIVIL PLANS.
B. CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES (SEE CIVIL PLANS).
C. ALL EXTERIOR CONDUITS RISING ABOVE GRADE, ENTERING PULLBOXES, MANHOLES, BUILDINGS, AND/OR EQUIPMENT SHALL BE RIGID GALVANIZED STEEL TYPE FROM THE LAST 6 FEET OF TRANSITION FROM BELOW GRADE.
D. UNLESS NOTED OTHERWISE, ALL EXTERIOR CONDUITS SHALL BE MINIMUM 1".
E. COORDINATE TRENCHING AND BACKFILL REQUIREMENTS WITH CIVIL DRAWINGS AND SPECIFICATIONS.
F. REFER TO SHEET E0.01 FOR HAND HOLE INSTALLATION.

CODED NOTES
1. PROVIDE (4) 4" CONDUITS FOR TELECOM SERVICE.
2. CONDUITS UNDER ROADWAY AT THIS LOCATION SHALL BE CONCRETE ENCASED. SEE DETAILS FOR ADDITIONAL INFORMATION.
3. PROVIDE (1) 2" CONDUIT WITH PULL STRING FOR COMMUNICATIONS CABLING TO SERVE CAMERA.
4. PROVIDE (1) 1" CONDUIT WITH PULL STRING FOR COMMUNICATIONS CABLING TO SERVE CAMERA.
5. APPROXIMATE LOCATION OF OVERHEAD TELECOM SERVICE. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH UTILITY (SPECTRUM).
Each circuit shall have a dedicated...
GENERAL NOTES:

1. PROVIDE POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY.
2. PROVIDE JUNCTION BOX FOR POWER CONNECTION TO SPRINKLER ALARM BELL.
3. PROVIDE JUNCTION BOX FOR POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY.
4. PROVIDE POWER CONNECTION TO MOTORIZED MOVABLE PARTITION (208V, 3PH) AND WALL-MOUNTED OVERHEAD DOOR CONTROLLER PROVIDED BY DOOR SUPPLIER AND MOUNT RECEPACTILE HORIZONTALLY 3" BELOW WINDOW SILL.
5. PROVIDE FLOORBOX FOR POWER AND DATA CONNECTIONS TO SYSTEM FURNITURE.
6. PROVIDE POWER CONNECTION TO ELECTRIC WATER COOLER.
7. PROVIDE POWER CONNECTION TO MICROWAVE.
8. PROVIDE POWER CONNECTION TO RECEPTACLE FOR LED MEDIA DISPLAY.
9. PROVIDE POWER CONNECTION TO RECEPTACLE FOR COPIER.
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ENLARGED PLAN - ELECTRICAL - IT ROOM 125

ELEVATION A - ELECTRICAL - IT ROOM 125

ELEVATION B - ELECTRICAL - IT ROOM 125

ELEVATION C - ELECTRICAL - IT ROOM 125

ELEVATION D - ELECTRICAL - IT ROOM 125

CML REYNOLDSBURG

PROJECT NAME: ACCU

1. LOCATED ON THE ROOF.

2. PROVIDE 30/2P MANUAL MOTOR SWITCH.

3. PROVIDE FINAL CONNECTIONS AS SHOWN TO ALL EQUIPMENT PRIOR TO ROUGH CONNECTIONS.

4. PROVIDE 30R RECEPTACLE (208V, 1PH). COORDINATE ALL REQUIREMENTS OF WALL AND CEILING DEVICES WITH OTHER TRADE DRAWINGS.

5. PROVIDE 30/2P MANUAL MOTOR SWITCH.

6. REFER TO规格部分27 05 26.

7. REFER TO DETAIL 1/T5.01 FOR ADDITIONAL INFORMATION.

8. REFER TO DETAIL 4/T5.01

9. PROVIDE TMGB. REFER TO DETAIL 6/E5.01 AND SERVE CABLING.

10. PROVIDE FINAL CONNECTION TO CONDENSING UNIT AC SHEET T1.01 FOR ADDITIONAL INFORMATION.

11. CABLE TRAY TO SERVE DATA CABLING. REFER TO (2) 4" CONDUIT SLEEVES.

12. 1/2" = 1'-0"

13. JUNCTION BOX FOR POWER CONNECTION FOR EQUIPMENT. FIELD COORDINATE EXACT LOCATION WITH OWNER.

14. RECEPTACLE MNTED ON SIDE OF CABLE TRAY TO SERVE RACK EQUIPMENT.

15. RECEPTACLE FOR DATA AND COMMUNICATION EQUIPMENT. PAINT WITH GRAY FIRE RETARDANT PAINT FOR ENTIRE ROOM FOR DATA AND COMMUNICATION EQUIPMENT. SHOWN PER MANUFACTURER'S CODED NOTES:

16. 1/2" = 1'-0"

17. ENLARGED PLANS

18. 100% CONSTRUCTION DOCUMENTS ISSUED FOR BIDDING AND PERMITS

19. MECHANICAL | ELECTRICAL | PLUMBING | FIRE PROTECTION

20. OTHER CONSTRUCTION TRADES FOR ADDITIONAL INFORMATION

21. REFER TO DRAWINGS AND SPECIFICATIONS PRIOR TO ROUGH IN.

22. REFER TO MECHANICAL SCHEDULE SHEETS M6.01 AND SPECIFICATIONS.

23. REFER TO POWER AND SYSTEMS

24. REFER TO CEILING DEVICES WITH OTHER TRADE DRAWINGS

25. FIELD COORDINATE EXACT LOCATION WITH OWNER.

26. REFER TO 6/E5.02 FOR ADDITIONAL INFORMATION.

27. 30R RECEPTACLE (208V, 1PH). COORDINATE CONNECTIONS.

28. FIRE PROTECTION

29. PROVIDE 30/2P MANUAL MOTOR SWITCH.

30. REFER TO SPECIFICATIONS OF OTHER TRADES

31. PROVIDE 30/2P MANUAL MOTOR SWITCH.

32. PROVIDE 30R RECEPTACLE (208V, 1PH). COORDINATE CONNECTIONS.

33. FIRE PROTECTION

34. PROVIDE 30/2P MANUAL MOTOR SWITCH.

35. PROVIDE 30R RECEPTACLE (208V, 1PH). COORDINATE CONNECTIONS.

36. FIRE PROTECTION

37. PROVIDE 30/2P MANUAL MOTOR SWITCH.

38. PROVIDE 30R RECEPTACLE (208V, 1PH). COORDINATE CONNECTIONS.

39. FIRE PROTECTION
GENERAL NOTES:

A. COORDINATE ALL REQUIREMENTS OF WALL AND CEILING DEVICES WITH OTHER DISCIPLINE DRAWINGS AND SPECIFICATIONS PRIOR TO ROUGH-IN.

B. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN DIVISION 26, 27 AND 28.

C. PROVIDE FINAL CONNECTIONS AS SHOWN TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.

D. REFER TO MECHANICAL SCHEDULE SHEETS M6.01 AND M6.02 FOR ADDITIONAL INFORMATION.

CODED NOTES:

1. 4'X 8' X 3/4" PLYWOOD BACKBOARD AROUND THE ENTIRE ROOM FOR DATA AND COMMUNICATION EQUIPMENT. PAINT WITH GRAY FIRE RETARDANT MARINE PAINT.

2. L5-30R RECEPTACLE (208V, 1PH). COORDINATE EXACT LOCATION WITH OWNER.

3. 4-POST FLOOR OPEN FRAME, 24" X 24" DATA RACK WITH 6" VERTICAL CABLE MANAGERS. REFER TO DETAIL 4/T5.01

4. RECEPTACLE FOR DATA AND COMMUNICATION EQUIPMENT.

5. RECEPTACLE MOUNTED ON SIDE OF CABLE TRAY TO SERVE RACK EQUIPMENT.

6. RECEPTACLE FOR ACCESS CONTROL SYSTEM EQUIPMENT. FIELD COORDINATE EXACT LOCATION OF EQUIPMENT PRIOR TO ROUGH-IN.

7. JUNCTION BOX FOR POWER CONNECTION FOR DOOR HARDWARE POWER SUPPLY (120V, 1PH). REFER TO DETAIL 2/T5.01 FOR ADDITIONAL CONNECTIONS.

8. 12" WIDE CABLE TRAY INSTALLED ABOVE RACK TO SERVE CABLING.

9. PROVIDE TGB. REFER TO DETAIL 2/T5.01 AND SPECIFICATION SECTION 27 05 26.

10. CABLE TRAY TO SERVE DATA CABLING. REFER TO SHEET T1.02 FOR ADDITIONAL INFORMATION.

11. AC-2: PROVIDE 30/2P MANUAL MOTOR SWITCH. MAKE FINAL CONNECTION TO CONDENSING UNIT (ACCU-2) LOCATED ON THE ROOF.

12. (2) 4" CONDUIT SLEEVES.
1. DEAIL - FIRE ALARM RISER SYSTEM SCHEMATIC
2. DETAIL - ROOFTOP EQUIPMENT LIGHT AND RECEPTACLE
3. DETAIL - TYPICAL SAFETY SWITCH MOUNTING
4. DETAIL - FLOOD LIGHTING MOUNT
5. DETAIL - WALL DEVICE ORIENTATION

NOTES:
1. DEVICES SHOWN STACKED ALONG WALLS FALL IN THE ORDER OF LOWEST (CLOSEST TO WALL) TO HIGHEST (FURTHEST FROM WALL).
2. HEIGHTS SHOWN ARE TYPICAL UNLESS OTHERWISE NOTED ELSEWHERE ON DRAWINGS, SPECS OR IDENTIFIED IN APPLICABLE CODES.
3. VERTICAL DIMENSIONS ARE TO CENTER OF DEVICE.
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<thead>
<tr>
<th>TYPE</th>
<th>DIMENSIONS</th>
<th>MOUNTING</th>
<th>DESCRIPTION AND OPTIONS</th>
<th>LAMPS/LUMENS</th>
<th>DRIVER(S)</th>
<th>VOLTS</th>
<th>APPROVED MANUFACTURER(S)</th>
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<tr>
<td>01</td>
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<td>4&quot; W X 20' L</td>
<td>W4A 5.5&quot; W X 12.1&quot; L</td>
<td>14.7W</td>
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**LUMINAIRE SCHEDULE 2**

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<th>DRIVER(S)</th>
<th>VOLTS</th>
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<td>15</td>
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### Branch Panel: L2

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### Branch Panel: EV

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---

### Notes:

- **Lighting 12964 VA 100.00% 12964 VA**
- **Lighting 16936 VA 100.00% 16936 VA**

---

### Scale:

- **1" = 2'-0"**

---

### National Electrical Code (NEC):

- Brkr: Branch Circuit Breaker
- MCB: Molded Case Circuit Breaker

---

### Location:

- ELECTRIC 119

---

### Surface:

- Type 1

---

### Supply From:

- MDP

---

### Elective Demand:

- 100 A

---

### A.I.C. Rating:

- 3.18 kVA
- 4.36 kVA
- 6.81 kVA

---

### Size:

- 100 A

---

### Circuit Description:

- L2

---

### Trip:

- 0 A
- 0 A
- 0 A

---

### Total Amps:

- 92 A
- 57 A
- 51 A

---

### Volts:

- 120/208 Wye

---

### Load Classification:

- Connected Load
- Estimated Demand

---

### Panel To tals:

- 40 A
### Branch Panel: P1

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<th>Phase</th>
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</table>
1. Provide new domestic water, sanitary waste, storm drainage, natural gas, plumbing, mechanical, electrical, and architectural services.

2. All floor penetrations to be sealed water tight and completely filled with an appropriate sealant.

3. All equipment, materials, installation workmanship, examination and testing shall be in accordance with the latest editions of the national and local codes.

4. Equipment shall be provided a UL listed through penetration firestop assembly. The rating of the penetrated barrier shall be greater than or equal to the rating of the penetrating pipe.

5. Piping shall not share supports with other building systems. In mechanical areas with numerous obstructions, exposed piping shall be painted white.

6.&Ratings of all firestop assemblies shall be greater than or equal to the pipe diameter of the penetrating pipe.

7. All material and labor shall be under warranty for one year from the date of final acceptance by the owner.

8. Piping shall not be installed passing through electrical rooms or areas.

9. Piping shall not be installed passing through areas with finished ceilings. Piping shall be installed above finished ceilings in such areas.

10. Core drill penetrations in concrete floors or walls 1-2 inches larger than the pipe diameter shall be provided a UL listed through penetration firestop assembly. The rating of the penetrated barrier shall be greater than or equal to the pipe diameter of the penetrating pipe.

11. Ductwork, piping, mechanical equipment and ceilings shall not be cut, drilled, or burned without the written permission of the architect.

12. No structural members shall be cut, drilled, or burned without the written permission of the architect.

13. Equipment, materials, installation workmanship, examination and testing shall be in accordance with the latest editions of the national and local codes.

14. Piping shall not be installed passing through electrical rooms or areas.

15. Provide new domestic water, sanitary waste, storm drainage, natural gas, plumbing, mechanical, electrical, and architectural services.

16. All equipment, materials, installation workmanship, examination and testing shall be in accordance with the latest editions of the national and local codes.

17. Equipment shall be provided a UL listed through penetration firestop assembly. The rating of the penetrated barrier shall be greater than or equal to the pipe diameter of the penetrating pipe.

18. Piping shall not share supports with other building systems. In mechanical areas with numerous obstructions, exposed piping shall be painted white.

19. Piping shall not be installed passing through electrical rooms or areas.

20. Contractor shall provide labels (with flow arrows) for all piping.

21. Piping shall not be installed passing through areas with finished ceilings. Piping shall be installed above finished ceilings in such areas.

22. Make reasonable and necessary modifications in layouts and installation in mechanical areas with numerous obstructions.
1. 2" PUMP DISCHARGE PIPING UP ON WALL OF ELEVATOR SHAFT.
2. 2" VENT UP.
3. 1-1/2" VENT UP.
4. CONTINUED BY SITE CONTRACTOR.
5. 4" SANITARY FROM ABOVE WITH CLEANOUT AT BASE.
6. 3/4" CW UP IN INTERIOR WALL FOR WH1.
7. 3" SANITARY FROM ABOVE WITH CLEANOUT AT BASE.

GENERAL NOTES:
A. FINISH FLOOR ELEVATION = 100.00'.
B. SEE SHEET P0.00 FOR GENERAL NOTES.