EGRESS COMPONENTS

NUMBER OF USERS

Emerald Court: 12

EMERGENCY EXITS

2 

ELEVATOR EGRESS

1 (504.3)

STAIRWAY PATH OF TRAVEL

14' (Table 504.1)

EMERGENCY EXIT Width:

30'

EMERGENCY EXIT CONFIGURATION:

1 hour fire rating; 2 b, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z.

SMALL AREA CAPACITY:

57

DAYS OF ORGANIZATIONAL MEETINGS

Requires 1st floor space only for impacts (Table 1092.21)

Code space will require 150 x 1500 sq ft space on 1st floor

BUYING INFORMATION

CODE INFORMATION

Permit #:

Processing:

Justice cynical, z

Area:

A0

Floor Plan - Level 1 - Future Phase Schematic Plan

A010

G010

Code BLDG 1 Occupant Load Table Future Phase

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
<th>Number of Spaces</th>
<th>Area (sq ft)</th>
<th>Future</th>
<th>Space Occupant Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>Office Business Areas</td>
<td>238 SF</td>
<td>150 SF</td>
<td>2</td>
<td>71</td>
</tr>
<tr>
<td>Level 1</td>
<td>Technology Accessory Storage Areas, Mechanical Equipment Room</td>
<td>90 SF</td>
<td>300 SF</td>
<td>1</td>
<td>71</td>
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<tr>
<td>Level 1</td>
<td>Open Storage Warehouses</td>
<td>882 SF</td>
<td>500 SF</td>
<td>2</td>
<td>71</td>
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<tr>
<td>Level 1</td>
<td>Tech Reception Business Areas</td>
<td>283 SF</td>
<td>150 SF</td>
<td>2</td>
<td>71</td>
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<tr>
<td>Level 1</td>
<td>KZ Admin Business Areas</td>
<td>169 SF</td>
<td>150 SF</td>
<td>2</td>
<td>71</td>
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<tr>
<td>Level 1</td>
<td>Custodial Accessory Storage Areas, Mechanical Equipment Room</td>
<td>52 SF</td>
<td>300 SF</td>
<td>1</td>
<td>71</td>
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<tr>
<td>Level 1</td>
<td>KZ Storage Warehouses</td>
<td>747 SF</td>
<td>500 SF</td>
<td>2</td>
<td>71</td>
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<tr>
<td>Level 1</td>
<td>Med. Conf Assembly Without Fixed Seats Unconcentrated (tables &amp; Chairs)</td>
<td>315 SF</td>
<td>15 SF</td>
<td>20</td>
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<tr>
<td>Level 1</td>
<td>Future Meeting</td>
<td>502 SF</td>
<td>200' Maximum for A, B, E, F-1, M, R, S-1 without sprinkler (Table 1017.2)</td>
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<td></td>
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<tr>
<td>Level 1</td>
<td>Future Office Space</td>
<td>1274 SF</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CALCULATE THE MAXIMUM NUMBER OF PLUMBING FIXTURES

The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet.
1. The scope of this drawing includes the demolition of the exterior walls and portion of existing building concrete masonry unit and brick walls, concrete block, and exterior stucco.

2. Documentation of the existing structure is based on observations, existing drawings, and limited field observations. The contractor shall exercise extreme care to avoid damaging any existing elements.

3. The contractor shall be responsible for documenting any existing condition that is found to be other than that shown on the drawings.

4. These drawings are only to assist in showing the scope of work for documenting but are not intended to be used as a substitute for existing drawings. The contractor shall retain all documentation associated with the job.

5. Not all items to be demolished are shown on the drawings. All demolition activities shall comply with the requirements of OSHA Section 1926 Subpart T.

6. The contractor shall provide temporary guards and protection around all exposed floor openings, and shall provide a written assessment of any demolition that does not damage the existing structure to the owner and at the contractor's expense.

7. The contractor shall provide a written assessment of any demolition that does not damage the existing structure to the owner and at the contractor's expense.

8. The contractor shall provide temporary guards and protection around all exposed floor openings, and shall provide a written assessment of any demolition that does not damage the existing structure to the owner and at the contractor's expense.

9. The contractor shall provide temporary guards and protection around all exposed floor openings, and shall provide a written assessment of any demolition that does not damage the existing structure to the owner and at the contractor's expense.

10. All demolition debris shall be disposed of in a manner as to not interfere with the safety and convenience of the public and those around the site.

11. All demolition debris shall be disposed of in a manner as to not interfere with the safety and convenience of the public and those around the site.

12. All demolition debris shall be disposed of in a manner as to not interfere with the safety and convenience of the public and those around the site.

13. At locations where existing walls are to be removed, the contractor shall provide temporary guards and protection around all exposed floor openings, and shall provide a written assessment of any demolition that does not damage the existing structure to the owner and at the contractor's expense.

14. This contractor shall provide temporary guards and protection around all exposed floor openings, and shall provide a written assessment of any demolition that does not damage the existing structure to the owner and at the contractor's expense.

15. Column grids are not shown for clarity. Footings 6" below slab on grade, and exterior stucco, shall remain. Demolition shall not compromise the structural integrity of any walls, floors, ceilings, supports, structure, etc.

16. All demolition activities shall comply with the requirements of OSHA Section 1926 Subpart T.

17. The contractor shall provide temporary guards and protection around all exposed floor openings, and shall provide a written assessment of any demolition that does not damage the existing structure to the owner and at the contractor's expense.

18. Columns shall be not known for clarity.

19. SSH/34/06/23 12:22:37 PM

20. Please consider the environment before printing this.
1. CONDITIONS. THE INFORMATION SHOWN WITH BOLD DASHED LINES ARE TO BE DEMOLISHED.

2. DEMOLITION GENERAL NOTES:

   - The information shown with bold dashed lines are to be demolished.
   - Project site and perform work as required to meet the existing conditions and the extent of the patch roofs, walls, ceilings, and floors where any disconnect and remove all ductwork, piping, etc.
   - Provided for the continuity of all remaining services, systems, and circuits. Relocate and associated ductwork, diffusers, grilles, piping, etc.
   - Existing relief hood to remain.

3. DEMO ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE PATCH ROOFS, WALLS, CEILINGS, AND FLOORS WHERE ANY DISCONNECT AND REMOVE ALL DUCTWORK, PIPING, ETC.

4. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES, SYSTEMS, AND CIRCUITS. RELOCATE AND ASSOCIATED DUCTWORK, DIFFUSERS, GRILLES, PIPING, ETC.

5. EXISTING RELIEF HOOD TO REMAIN.

6. THE SPECIFICATIONS.
DEMOLITION UNDERSLAB PLUMBING PLAN - LEVEL 1

PLAN NORTH TRUE NORTH

DEMOLITION GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, SERVICES AND EQUIPMENT SHOWN WITH BOLD DASHED LINES ARE TO BE DEMOLISHED. SERVICES AND EQUIPMENT SHOWN WITH SOLID HALF TONE LINE WEIGHT ARE TO REMAIN IN PLACE.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSIDERED "AS BUILT" CONDITIONS. THE INFORMATION SHOWN IS TO ESTABLISH THE EXTENT OF THE SCOPE OF WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. PATCH ROOFS, WALLS, CEILINGS, AND FLOORS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

4. DISCONNECT AND REMOVE ALL DUCTWORK, PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED.

5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEHIND THE FLOOR LINE OR WALL LINE TO FACILITATE THE RESTORATION OF FINISH.

6. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES, SYSTEMS, AND CIRCUITS.

7. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS.

DEMOLITION PLAN NOTES:

1. DEMOLISH EXISTING SLAB PENATRATION. SAWCUT AND REPLACE THE EXISTING CONCRETE AS REQUIRED TO ENSURE THE NEW SANITARY CAP IS FLUSH WITH THE EXISTING FLOOR.

2. DEMOLISH EXISTING SLAB PENATRATIONS AND UNDERSLAB PIPES SERVING CHASE. PROTECT EXISTING UNDERSLAB PIPES FOR CONNECTION TO NEW PIPES.

3. DEMOLISH EXISTING SLAB PENATRATIONS AND UNDERSLAB PIPES SERVING CHASE. PROTECT EXISTING UNDERSLAB PIPES FOR CONNECTIONS TO NEW PIPES.
DEMOLITION GENERAL NOTES:
REFER TO SHEET P100 FOR DEMOLITION GENERAL NOTES.

DEMOLITION PLAN NOTES:
DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE.
DISCONNECT AND REMOVE EXISTING BRANCH PIPING BACK TO MAINS. CAP SANITARY PIPE BELOW FINISHED FLOOR.
DISCONNECT AND REMOVE EXISTING GAS PIPING.
DISCONNECT AND REMOVE EXISTING WALL HYDRANT.
EXISTING PLUMBING FIXTURE TO REMAIN.

Please consider the environment before printing this.
GENERAL DEMOLITION NOTES:

EXCEPT WHERE NOTED OTHERWISE, DISCONNECT AND REMOVE ALL EXISTING INTERIOR LIGHT FIXTURES AND LIGHT FIXTURE CONTROLS. REMOVE ALL ASSOCIATED RACEWAYS AND WIRING.

ALL EXISTING POLE MOUNTED PARKING LOT LIGHT FIXTURES, THE ASSOCIATED CIRCUITING AND CONTROLS ARE TO REMAIN.

REMOVE ALL EXISTING FIRE ALARM DEVICES, RACEWAYS AND CIRCUITING.

1. PLAN DEMOLITION NOTES:

REMOVE THE EXISTING ELECTRICAL DEVICE. REMOVE ALL UNUSED CIRCUITING AND RACEWAYS. REFER TO THE POWER PLAN FOR LOCATIONS ON THE EXTERIOR WALLS WHERE EXISTING RECEPTACLES ARE TO BE REPLACED WITH NEW DEVICES. AT THOSE LOCATIONS, UTILIZE THE EXISTING RACEWAYS AND BOXES FOR THE NEW DEVICE AND CIRCUITING TO THE DEVICE.

EXISTING PANELBOARD TO REMAIN.

DISCONNECT AND REMOVE THE EXISTING CIRCUITING TO THE MECHANICAL EQUIPMENT.

REMOVE THE EXISTING PANELBOARD AND THE ASSOCIATED FEEDER. PROVIDE NEW PANEL AT THE SAME LOCATION AS SHOWN ON THE ONE-LINE DIAGRAM.

REMOVE THE EXISTING EXTERIOR BUILDING MOUNTED LIGHT. REMOVE ALL ASSOCIATED RACEWAY, WIRING AND CONTROLS. PROVIDE NEW LIGHT AT THE SAME LOCATION AS INDICATED ON THE LIGHTING PLAN, RE-CIRCUIT AS SHOWN ON THE LIGHTING PLAN.

EXISTING RECESSED LIGHT FIXTURE TO REMAIN. RELAMP WITH COMPATIBLE LAMPING. DISCONNECT AND REMOVE THE EXISTING CIRCUIT CONNECTION. RE-CIRCUIT AS SHOWN ON THE LIGHTING PLAN.

REMOVE THE EXISTING EXTERIOR LIGHT FIXTURE AND ALL ASSOCIATED CIRCUITING. INSTALL COVERPLATE OVER THE EXISTING WALL BOX.

EXISTING TRANSFORMER TO REMAIN.

REMOVE THE EXISTING FIRE ALARM PANEL. SALVAGE THE EXISTING DIALER AND RETURN TO OWNER.

2. PLAN DEMOLITION NOTES:

REMOVE THE EXISTING ELECTRICAL DEVICE. REMOVE ALL UNUSED CIRCUITING AND RACEWAYS. REFER TO THE POWER PLAN FOR LOCATIONS ON THE EXTERIOR WALLS WHERE EXISTING RECEPTACLES & OUTLETS ARE TO BE REPLACED WITH NEW DEVICES. AT THOSE LOCATIONS, UTILIZE THE EXISTING RACEWAYS AND BOXES FOR THE NEW DEVICE AND CIRCUITING TO THE DEVICE.

EXISTING PANELBOARD TO REMAIN.

DISCONNECT AND REMOVE THE EXISTING CIRCUITING TO THE MECHANICAL EQUIPMENT.

REMOVE THE EXISTING PANELBOARD AND THE ASSOCIATED FEEDER. PROVIDE NEW PANEL AT THE SAME LOCATION AS SHOWN ON THE ONE-LINE DIAGRAM.

REMOVE THE EXISTING EXTERIOR BUILDING MOUNTED LIGHT. REMOVE ALL ASSOCIATED RACEWAY, WIRING AND CONTROLS. PROVIDE NEW LIGHT AT THE SAME LOCATION AS INDICATED ON THE LIGHTING PLAN, RE-CIRCUIT AS SHOWN ON THE LIGHTING PLAN.

EXISTING RECESSED LIGHT FIXTURE TO REMAIN. RELAMP WITH COMPATIBLE LAMPING. DISCONNECT AND REMOVE THE EXISTING CIRCUIT CONNECTION. RE-CIRCUIT AS SHOWN ON THE LIGHTING PLAN.

REMOVE THE EXISTING EXTERIOR LIGHT FIXTURE AND ALL ASSOCIATED CIRCUITING. INSTALL COVERPLATE OVER THE EXISTING WALL BOX.

EXISTING TRANSFORMER TO REMAIN.

REMOVE THE EXISTING FIRE ALARM PANEL. SALVAGE THE EXISTING DIALER AND RETURN TO OWNER.
1. REFER TO SHEET G000 FOR SHEET INDEX

2. DO NOT SCALE THIS DRAWING

3. WALL MOUNTED LIGHT FIXTURES, LAMBS TONGUES AND OTHER MEP ITEMS ARE SHOWN FOR PLACEMENT ONLY

4. BASE BID TO INCLUDE PATCHING + REPAIRING OF EXISTING EIFS ENVELOPE AS NOTED IN THE ELEVATIONS; MATCH EXISTING SYSTEM CONSTRUCTION + FINISH TEXTURE.

VERIFY FINAL EXTENTS OF DESIRED REPAIRS WITH OWNER IN FIELD PRIOR TO WORK COMMENCING.

5. ENTIRE EXTERIOR ENVELOPE (ALL SIDES OF BUILDING) TO BE RECOATED / REPAINTED AS NOTED PER THE MATERIAL LEGEND ON A201.

**EXTERIOR MATERIAL LEGEND**

**FS1 = EIFS WALL SYSTEM - FIELD**
- BOD: DRYVIT
- COLOR: 627A TWILIGHT GRAY OR CUSTOM SHERWIN WILLIAMS COLOR
- SIZE/PATTERN: PER ELEVATIONS

**FS2 = EIFS WALL SYSTEM - ACCENT**
- BOD: N/A
- COLOR: GREY - MATCH EXISTING
- SIZE/PATTERN: PER DETAILS

**SM1 = SHEET METAL TYPE 1**
- COPING 07 62 00.A13

REFER TO SHEET NOTES 4 + 5 FOR EIFS REPAIRING, PATCHING AND RECOATING EXTENTS
EXISTING EXTERIOR PHOTOS

PHOTOS INCLUDED FOR REFERENCE ONLY. ADDITIONAL PATCHING MAY BE REQUIRED IN AREAS NOT SHOWN.
1. REFER TO SHEET G000 FOR SHEET INDEX
2. DO NOT SCALE THIS DRAWING
3. REFER TO INTERIOR ELEVATIONS, FOR PLACEMENT OF ALL WALL MOUNTED ITEMS
4. WALL MOUNTED LIGHT FIXTURES, GRILLES AND OTHER ITEMS ARE SHOWN FOR PLACEMENT ONLY

Level 1
100' - 0"
N Roof
119' - 4"

Level 2
112' - 0"

A1
A301
J1
A301

S Roof
115' - 4"

Corridor
100
Open Office
134
A13
A331
A9
A331

Corridor
116

A1
A332

Tech Office
123
Help Desk
124
Men
115
KZ Storage
111
Med. Conf
109
Editing
106a
FA Techs
106

Level 1
100' - 0"
N Roof
119' - 4"

Level 2
112' - 0"

A1
A301

S Roof
115' - 4"

KZ Storage
111
KZ Admin
118

Level 1
100' - 0"
N Roof
119' - 4"

Level 2
112' - 0"

A1
A301

S Roof
115' - 4"

Ship/Rec
128
Open Storage
126

A5
A331
A1
A331
A331
A13

Open Office
134

Future Build
137a

A-2019015618
Kevin E. Nelson

1 2 3 4 5 8 6 7 9
10

1 2 3 4 5 8 6 7 9
10

13 11 12
14

13
11 12
14

 craw hyster

The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.
### Hollow Metal Frame Types

- **G1** - Aluminum Sliding Door
- **B1** - Solid Core Wood
- **B3** - Hollow Metal (Non-Insulated, Heavy Duty)
- **B4** - Hollow Metal (Non-Insulated, Extra Heavy Duty)
- **G2** - Aluminum Core (Non-Laminated, Heavy Duty)
- **G3** - Aluminum Core (Non-Laminated, Extra Heavy Duty)
- **A1** - Solid Core Wood

### Door Types

- **P1** - Hollow Metal
- **P2** - Sliding Door
- **P3** - Fixed Panel
- **P4** - Pivoting Door

### Glass Types

<table>
<thead>
<tr>
<th>Glass Type</th>
<th>Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Glass</td>
<td>FG</td>
</tr>
<tr>
<td>Hollow Glass</td>
<td>HG</td>
</tr>
</tbody>
</table>

### Door Type Notes

1. Refer to schedule for overall door characteristics.
2. Schedule associated with door types to the right of the door in plan and section.
3. Frame type required is 3/8" clear fully tempered monolithic glass.
4. Pivoting door is a glass type.
5. A glass type required is 3/8" clear fully tempered monolithic glass.
6. Pivoting door is a glass type.
7. A glass type required is 3/8" clear fully tempered monolithic glass.
8. Pivoting door is a glass type.

### Sheet Keynote Legend

- **A** - Solid Core Wood
- **B** - Hollow Metal
- **C** - Aluminum Sliding Door
- **D** - Hinged Door

### Glass Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
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<tbody>
<tr>
<td>3/8&quot; Clear Fully Tempered Monolithic Glass</td>
<td>FG</td>
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### Door Schedule

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Door Type</th>
<th>Glass Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>Hollow Metal</td>
<td>FG</td>
</tr>
<tr>
<td>P2</td>
<td>Sliding Door</td>
<td>FG</td>
</tr>
<tr>
<td>P3</td>
<td>Fixed Panel</td>
<td>FG</td>
</tr>
<tr>
<td>P4</td>
<td>Pivoting Door</td>
<td>FG</td>
</tr>
</tbody>
</table>

### Fire Rating Remarks

- **100a** - PR 3'-0" x 7'-0" x 1 3/4" B4 11 A HM N10 J10 J10 -- CARD READER, MAGNETIC HOLD OPEN, CART PROTECTION
- **100b** - PR 3'-0" x 7'-0" x 1 3/4" HD E9 43 EX ALUM -- -- -- CARD READER (UNLOCKED DURING BUSINESS HOURS)

### Sheet Details

- **Sheet Number:** A501
- **Drawn By:** Kevin E. Nelson
- **Surveying:** Smith & Boucher Engineers
- **Engineering:** MKEC Engineering, Inc.
- **State Certificate of Authority:** MO 2006031333
- **Liberty School District:** 1000 Kent Street, Liberty, Clay County, MO 64068

### Revision Details

- **Date:** 08.31.2023
- **Check:**
- **Drawn:** 08.31.2023

---

Note: The above information is a natural representation of the document as per the guidelines provided.
### ROOM FINISH SCHEDULE

<table>
<thead>
<tr>
<th>Room</th>
<th>Material</th>
<th>Color</th>
<th>Pattern</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Corridor RF1</td>
<td>RB1</td>
<td>HP1</td>
<td>HP1 HP1 HP1</td>
<td>Open to</td>
</tr>
<tr>
<td>Corridor RF1</td>
<td>RB1</td>
<td>HP1</td>
<td>HP1 HP1 HP1</td>
<td>CLG1</td>
</tr>
<tr>
<td>KZ Admin C2</td>
<td>RB1</td>
<td>P1 P1 P1</td>
<td>P1 CLG1</td>
<td></td>
</tr>
<tr>
<td>KZ Entry C1</td>
<td>RB1</td>
<td>HP1</td>
<td>HP1 HP1 HP1</td>
<td>CLG1</td>
</tr>
<tr>
<td>KZ Open Office C3</td>
<td>RB1</td>
<td>P1 P1 P1</td>
<td>P1 CLG1</td>
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</tr>
<tr>
<td>Men FT1</td>
<td>FT1</td>
<td>T1</td>
<td>T1</td>
<td>CLG1</td>
</tr>
<tr>
<td>Women FT1</td>
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<tr>
<td>FA Techs C2</td>
<td>RB1</td>
<td>P1</td>
<td>P1 P1</td>
<td>CLG1</td>
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<tr>
<td>FA Office C2</td>
<td>RB1</td>
<td>P1</td>
<td>P1 P1</td>
<td>CLG1</td>
</tr>
<tr>
<td>FA Open Office C2</td>
<td>RB1</td>
<td>P1</td>
<td>P1 P1</td>
<td>CLG1</td>
</tr>
<tr>
<td>East Vestibule C1</td>
<td>Exist</td>
<td>Exist</td>
<td>Exist</td>
<td>Exist</td>
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<tr>
<td>Break Room RF1</td>
<td>RB1</td>
<td>HP1</td>
<td>HP1 HP1 HP1</td>
<td>CLG1</td>
</tr>
<tr>
<td>Future Build</td>
<td>-</td>
<td>P1</td>
<td>P1 P1</td>
<td>2</td>
</tr>
<tr>
<td>Office C2</td>
<td>RB1</td>
<td>P1</td>
<td>P1 P1</td>
<td>CLG1</td>
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<tr>
<td>Office C2</td>
<td>RB1</td>
<td>P1</td>
<td>P1 P1</td>
<td>CLG1</td>
</tr>
<tr>
<td>Office C2</td>
<td>RB1</td>
<td>P1</td>
<td>P1 P1</td>
<td>CLG1</td>
</tr>
<tr>
<td>Office C2</td>
<td>RB1</td>
<td>P1</td>
<td>P1 P1</td>
<td>CLG1</td>
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</table>

### MATERIAL FINISH LEGEND

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Paint P7</td>
<td>09 91 23</td>
<td>Sherwin Williams SW7011 Natural Choice</td>
</tr>
<tr>
<td>Paint P4</td>
<td>09 91 23</td>
<td>Sherwin Williams SW9145 Sleepy Hollow Accent</td>
</tr>
<tr>
<td>Paint P6</td>
<td>09 91 23</td>
<td>Sherwin Williams SW7005 Pure White Vestibule Ceiling</td>
</tr>
<tr>
<td>Paint P5</td>
<td>09 91 23</td>
<td>Sherwin Williams SW6258 Tricorn Black Door Trim</td>
</tr>
<tr>
<td>Corner Guard CG1</td>
<td>10 26 00.A03</td>
<td>Acrovyn CO-8 Silver Base to ceiling</td>
</tr>
<tr>
<td>Concrete Finish CON1</td>
<td>03 30 00.A01</td>
<td>Patch / Repair Areas Only Sealed Concrete</td>
</tr>
<tr>
<td>Ceiling CLG1</td>
<td>09 51 13.A01</td>
<td>USG Radar 2310, 2' x 4' Square Lay-in, 15/16&quot; Grid Tile-White; Grid-White</td>
</tr>
<tr>
<td>Paint P1</td>
<td>09 91 23</td>
<td>Sherwin Williams SW7011 Natural Choice Field Paint</td>
</tr>
<tr>
<td>Carpet C1</td>
<td>09 68 13.A01</td>
<td>J+J Flooring Group Runway II Modular 7267, Size 24&quot; x 24&quot; 1423 Top Model; Quarter Turn Install Vestibule Walk Off</td>
</tr>
<tr>
<td>Wall Paneling WP2</td>
<td>09 77 23.A01</td>
<td>Carnegie Pulse 5332 Color #59 Fabric Wrapped Panels</td>
</tr>
<tr>
<td>Metal Edge Strip TR1</td>
<td>09 30 00.A04</td>
<td>Schluter Quadec Satin Anodized Aluminum Outside wall corners of wall tile</td>
</tr>
<tr>
<td>Tile Grout TGR1</td>
<td>09 30 00.A01</td>
<td>Laticrete Permacolor 53 Twilight Blue All Tile Locations</td>
</tr>
<tr>
<td>Solid Surface SS1</td>
<td>12 36 66.A05</td>
<td>Wilsonart Solid Surface; 1573SL Frosty White Window Sills</td>
</tr>
<tr>
<td>Solid Surface SS2</td>
<td>12 36 66.A01</td>
<td>Wilsonart Solid Surface; 9196RS Yukon Riverstone Countertops</td>
</tr>
<tr>
<td>Resilient Flooring RF2</td>
<td>09 65 19.A01</td>
<td>Tarkett iQ Granit SD, 24&quot; x 24&quot;; 314007950 Dark Grey 0949 Data Room</td>
</tr>
<tr>
<td>Tile Base TB1</td>
<td>09 30 00.A05</td>
<td>Daltile Classic Color Wheel Collection A3601, 6&quot; x 6&quot; Cove</td>
</tr>
</tbody>
</table>

### GENERAL FINISH NOTES

1. REFER TO PNEUMATIC PUMPS, REFLECTED CEILING PLAN, ELEVATIONS, AND DETAILS FOR EXTENT OF MULTIPLE FINISHES.
2. DO NOT PAINT ANY STONE, BRICK, GLAZED BLOCK OR ANY OTHER PREFINISHED MATERIALS.
3. DO NOT PAINT ALUMINUM OR OTHER NON-FERROUS METAL THAT ARE PREFINISHED.
4. REFER TO FINISH FLOOR PLANS, REFLECTED CEILING PLANS, ELEVATIONS, AND DETAILS FOR EXTENT OF MULTIPLE FINISHES.
5. PAINT ALL EXPOSED STEEL EXCEPTED BEYOND WIDTH OF PANELS AS NOTED ON ROOFS OR ROOF/ROOM SCHEDULE (EXCEPT)
6. PAINT ALL EXPOSED CONCRETE CONCRETE PITIONS AS NOTED IN ROOM FINISH SCHEDULE - PANELS INCLUDES, BUT IS NOT LIMITED TO: EXPOSED STRUCTURE, JOISTS, METAL DECKING, EXISTING TECTUM PANELS, DUCTWORK AND MECHANICAL EQUIPMENT.
7. ALL CARPET INSTALLS TO FOLLOW E/W ORIENTATION. SEE MATERIAL FLOOR PLANS FOR INSTALL PATTERNS.
1. Foundations

a. The Contractor shall provide and install reinforcing steel in accordance with the 2018 International Building Code (IBC) and the 2018 International Residential Code (IRC). The reinforcing steel shall conform to the requirements of ASTM A615, Grade 60. The steel shall be provided with a minimum yield strength of 60 ksi.

b. Concrete shall conform to the requirements of ASTM C150, Type I or II, Class G, or ASTM C1100, Type I, Class H. The minimum slump of the concrete shall be 2 inches.

c. The concrete shall be placed in layers not exceeding 12 inches in thickness. The concrete shall be placed and compacted as specified in the construction documents. The concrete shall be placed and compacted in accordance with the latest edition of the American Concrete Institute (ACI) 305-13 Guide for Proper Concrete Practice.

2. Masonry

a. The masonry shall be manufactured from standard clay or building bricks conforming to the requirements of ASTM C216, Class A or B. The masonry shall be laid in a standard English bond with a minimum grout joint of 1/8 inch. The mortar shall be a Type M masonry mortar conforming to the requirements of ASTM C270, Type M.

b. The masonry shall be laid in accordance with the requirements of the latest edition of the American Society for Testing and Materials (ASTM) C903, Standard Practice for the Production of Mortar for Masonry Construction.

c. The masonry shall be cleaned and swept prior to grout installation. The grout shall be placed in accordance with the requirements of the latest edition of the American Concrete Institute (ACI) 305-13 Guide for Proper Concrete Practice.

3. Steel

a. The steel shall conform to the requirements of ASTM A606, Type 2, or ASTM A992, Grade 50. The steel shall be provided with a minimum yield strength of 50 ksi.

b. The steel shall be provided with a minimum thickness of 0.125 inch. The steel shall be provided with a minimum yield strength of 50 ksi.

c. The steel shall be provided with a minimum thickness of 0.125 inch. The steel shall be provided with a minimum yield strength of 50 ksi.

4. Connections

a. The connections shall be designed in accordance with the requirements of the latest edition of the American Institute of Steel Construction (AISC) Specification for Structural Steel Buildings.

b. The connections shall be designed in accordance with the requirements of the latest edition of the American Society for Testing and Materials (ASTM) A325, Standard Specification for High-Strength Bolts for Structural Steel.

c. The connections shall be designed in accordance with the requirements of the latest edition of the American Concrete Institute (ACI) 318, Building Code Requirements for Structural Concrete.

5. Miscellaneous Steel including lintels, stairs, etc.

a. The miscellaneous steel shall be provided in accordance with the requirements of the latest edition of the American Institute of Steel Construction (AISC) Specification for Structural Steel Buildings.

b. The miscellaneous steel shall be provided in accordance with the requirements of the latest edition of the American Society for Testing and Materials (ASTM) A992, Standard Specification for Structural Steel Shapes.

c. The miscellaneous steel shall be provided in accordance with the requirements of the latest edition of the American Concrete Institute (ACI) 318, Building Code Requirements for Structural Concrete.

6. General

a. The contractor shall provide and install reinforcing steel in accordance with the 2018 International Building Code (IBC) and the 2018 International Residential Code (IRC). The reinforcing steel shall conform to the requirements of ASTM A615, Grade 60. The steel shall be provided with a minimum yield strength of 60 ksi.

b. Concrete shall conform to the requirements of ASTM C150, Type I or II, Class G, or ASTM C1100, Type I, Class H. The minimum slump of the concrete shall be 2 inches.

c. The concrete shall be placed in layers not exceeding 12 inches in thickness. The concrete shall be placed and compacted as specified in the construction documents. The concrete shall be placed and compacted in accordance with the latest edition of the American Concrete Institute (ACI) 305-13 Guide for Proper Concrete Practice.

7. Miscellaneous Steel including lintels, stairs, etc.

a. The miscellaneous steel shall be provided in accordance with the requirements of the latest edition of the American Institute of Steel Construction (AISC) Specification for Structural Steel Buildings.

b. The miscellaneous steel shall be provided in accordance with the requirements of the latest edition of the American Society for Testing and Materials (ASTM) A992, Standard Specification for Structural Steel Shapes.

c. The miscellaneous steel shall be provided in accordance with the requirements of the latest edition of the American Concrete Institute (ACI) 318, Building Code Requirements for Structural Concrete.

8. Special Inspections

a. The special inspections required for this project include the following:

b. - Fire Protection

c. - Structural Engineering

d. - Mechanical Engineering

e. - Electrical Engineering

9. Certification

a. The construction documents shall contain a certification by the architect and engineer that the documents are prepared in accordance with the latest edition of the American Institute of Architects (AIA) A201, General Conditions of the Contract for Construction.

b. The construction documents shall contain a certification by the architect and engineer that the documents are prepared in accordance with the latest edition of the American Society for Testing and Materials (ASTM) A370, Standard Test Method for Tension Testing of Metallic Materials.

10. Final Inspection

a. The final inspection shall be conducted in accordance with the requirements of the latest edition of the American Institute of Steel Construction (AISC) Specification for Structural Steel Buildings.

b. The final inspection shall be conducted in accordance with the requirements of the latest edition of the American Society for Testing and Materials (ASTM) A992, Standard Specification for Structural Steel Shapes.

c. The final inspection shall be conducted in accordance with the requirements of the latest edition of the American Concrete Institute (ACI) 318, Building Code Requirements for Structural Concrete.

11. Final Payment

a. Final payment shall be made in accordance with the requirements of the latest edition of the American Institute of Steel Construction (AISC) Specification for Structural Steel Buildings.


c. Final payment shall be made in accordance with the requirements of the latest edition of the American Concrete Institute (ACI) 318, Building Code Requirements for Structural Concrete.

12. Final Report

a. The final report shall be provided in accordance with the requirements of the latest edition of the American Institute of Steel Construction (AISC) Specification for Structural Steel Buildings.

b. The final report shall be provided in accordance with the requirements of the latest edition of the American Society for Testing and Materials (ASTM) A992, Standard Specification for Structural Steel Shapes.

c. The final report shall be provided in accordance with the requirements of the latest edition of the American Concrete Institute (ACI) 318, Building Code Requirements for Structural Concrete.
### Special Inspection Prior to Welding - Table N5.4-1

<table>
<thead>
<tr>
<th>Task</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Verify welder's qualifications.</td>
<td>X</td>
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<tr>
<td>2.</td>
<td>Review welding procedure specifications (WPSs).</td>
<td>X</td>
</tr>
<tr>
<td>3.</td>
<td>Review manufacturer's certifications for welding consumables.</td>
<td>X</td>
</tr>
<tr>
<td>4.</td>
<td>Verify welding consumables.</td>
<td>X</td>
</tr>
<tr>
<td>5.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
<td>X</td>
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<tr>
<td>6.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
<td>X</td>
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<tr>
<td>7.</td>
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<td>10.</td>
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</table>

### Special Inspection During Welding - Table N5.4-2

<table>
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<tbody>
<tr>
<td>1.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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<tr>
<td>2.</td>
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<td>4.</td>
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<td>5.</td>
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<td>6.</td>
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<td>7.</td>
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<td>8.</td>
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<td>9.</td>
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<tr>
<td>10.</td>
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</table>

### Special Inspection After Welding - Table N5.4-3

<table>
<thead>
<tr>
<th>Task</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
<td>X</td>
</tr>
<tr>
<td>2.</td>
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<td>3.</td>
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<td>8.</td>
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<td>9.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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<tr>
<td>10.</td>
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### Special Inspection of Galvanized Structural Steel Main Members - Section N5.5

<table>
<thead>
<tr>
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</tr>
</thead>
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<tr>
<td>1.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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</tr>
<tr>
<td>2.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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<td>4.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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<tr>
<td>10.</td>
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### Special Inspection of Concrete Construction - Table 1705.3

<table>
<thead>
<tr>
<th>Task</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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### Special Inspection of Masonry Construction - Table 1705.4

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<th>Task</th>
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</thead>
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<td>Verify that all equipment and materials comply with applicable codes and standards.</td>
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### Other Inspection Task - Section N5.6

<table>
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<th>Task</th>
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### Special Inspection of Galvanized Structural Steel Other Inspection Task - Section N5.8

<table>
<thead>
<tr>
<th>Task</th>
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<tbody>
<tr>
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### Special Inspection of Galvanized Structural Steel Main Members - Section N5.7

<table>
<thead>
<tr>
<th>Task</th>
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<tbody>
<tr>
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<td>9.</td>
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</tr>
<tr>
<td>10.</td>
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<td>X</td>
</tr>
</tbody>
</table>
1. TOP OF FOOTING ELEVATION = 99'-4" UNO.

2. ALL LINTELS IN MASONRY WALLS NOTED ON PLANS PER S540 UNO.

3. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND ELEVATIONS OF NEW LINTELS IN EXISTING MASONRY WALLS.

HSS 8x4x1/4 LINTEL

INFILL MASONRY UNDERneath EXISTING LINTEL AND ABOVE NEW LINTEL. REF: A1/S540 SEE A9/A331 & J9/A332 FOR LINTEL DETAIL

PLease consider the environment before printing this.
### PLUMBING PICTURE SCHEDULE

| ITEM | MANUFACTURER | DESCRIPTION | PART NUMBER | WORK | ATTACHMENT | NOTE
|------|--------------|-------------|-------------|------|------------|------
| R1.1 | 2001000000   | DRAWN BY    | 0010000000  | 1    | 1.000      | 1    |
| R1.2 | 2001000000   | DATE        | 0010000000  | 1    | 1.000      | 1    |
| R1.3 | 2001000000   | REVISIONS   | 0010000000  | 1    | 1.000      | 1    |

### DRAIN SCHEDULE

1. **NOTE**: All drains shall be properly sized and designed to meet local and jurisdictional requirements. House and fixture traps shall be included in the drain schedule.

### PIPE INSULATION SCHEDULE - PLUMBING

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>1/2&quot; I.D.</th>
<th>3/4&quot; I.D.</th>
<th>1&quot; I.D.</th>
<th>1-1/4&quot; I.D.</th>
<th>1-1/2&quot; I.D.</th>
<th>2&quot; I.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOMESTIC HOT WATER</td>
<td>0.5&quot;</td>
<td>0.75&quot;</td>
<td>1.0&quot;</td>
<td>1.25&quot;</td>
<td>1.5&quot;</td>
<td>2.0&quot;</td>
</tr>
<tr>
<td>EXHAUST</td>
<td>0.5&quot;</td>
<td>0.75&quot;</td>
<td>1.0&quot;</td>
<td>1.25&quot;</td>
<td>1.5&quot;</td>
<td>2.0&quot;</td>
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</table>

### DOMESTIC WATER HEATER - ELECTRIC

<table>
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<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>HEATING SOURCE</th>
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<td>ME301</td>
<td>30 GAL.</td>
<td>ELECTRIC</td>
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</table>

### DOMESTIC WATER HEATER - INSTANTANEOUS

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<td>30 GAL.</td>
<td>GAS</td>
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Please consider the environment before printing this document.
### Variable Air Volume Terminal Schedule

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### Air Cooled Condensing Unit Schedule

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### Computer Room Air Conditioning Unit Schedule

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### Split System A/C Unit Schedule

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### Air Handling Unit Schedule

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<th>FCV</th>
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### Fan Schedule

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<tr>
<td>Humidity</td>
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<td>60</td>
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</table>

### Notes
1. Capacity in kW/ton is based on ARI 12207 - 2020 standard.
2. Fan adjustments are based on the manufacturer's requirements.
3. Fan schedule includes primary and secondary fans.
4. Fan schedule includes variable frequency drives (VFDs) and constant speed fans.
5. Fan schedule includes fan performance curves.

**Please consider the environment before printing this.**
PLAN NOTES:
- MOTORIZED CONTROL DAMPERS FOR AIR SIDE
- TUBE TANKS, PLUMBING, AND GAS
- COMMUNITY ENERGY HUB DATA TO COIL UNIT

HVAC PLAN - LEVEL 1

1 2 3 4 5 8 6 7 8 9 10 11 12 13 14 15 16 17

Please consider the environment before printing this.
The BMS shall schedule all controlled systems. Schedules include but may not be limited to: occupied mode, unoccupied mode, both globally and for individual zones. The BMS shall be capable of receiving input from various sensors and actuators throughout the building. The BMS shall be able to monitor and control HVAC systems, lighting, security, and other Building Management System (BMS) functions.

**Air Handling Unit Control Diagram (Figures 1 & 2)**

**VAV Terminal Schematic**

- HVAC Control System
- Ductwork Split System
- Exhaust Fans

**System Functions**

1. **HVAC Control System**
   - The HVAC control system is designed to manage the temperature, humidity, and airflow within the building.
   - It includes sensors to monitor various environmental conditions and actuators to control heating, ventilation, and air conditioning (HVAC) systems.

2. **Ductwork Split System**
   - This system involves the distribution of conditioned air through ductwork to various zones within the building.
   - It is essential for ensuring proper indoor air quality and temperature control.

3. **Exhaust Fans**
   - Exhaust fans are used to remove air from the building and maintain indoor air quality.
   - They are typically used in conjunction with ventilation systems to ensure proper air distribution.

**System Integration**

- The HVAC control system integrates with the BMS to optimize energy usage and provide comfort for building occupants.
- Monitoring and control of HVAC systems are managed through sequences, which are sets of instructions that the BMS follows to manage system operations effectively.

**System Requirements**

- Refer to specifications for additional BMS requirements and sequences for managing system operations.
- The BMS shall be capable of receiving input from various sensors and actuators throughout the building.
- It is designed to be flexible and adaptable to changing building conditions and user preferences.

**Environmental Considerations**

- Please consider the environment before printing this document.
- Contact information for the project team is provided.

**Architectural Seal**

- The seal on the document indicates compliance with professional standards and regulations.
- The architect expressly disclaims any responsibility for modifications or changes not reflected in the original plan.

**Project Information**

- Project number: 2314706
- Phone: 913.345.2127
- Fax: 913.345.0617
- Address: 11827 W 112th Street, Suite 200
- City: Overland Park
- State: KS
- Zip: 66210
- Phone: 913.345.2127
- Fax: 913.345.0617
- Address: 30618 W 103rd St
- City: Olathe
- State: KS
- Zip: 66061

**Drawing Information**

- Date: 08.31.2023
- Drawn by: Mechan/Elec/Plumb Engineer
- Printed by: Smith & Boucher Engineers
- Architect: Hollis + Miller Architects

**Disclaimer**

- Any plans, drawings, or documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plans, drawings, or documents not exhibiting this seal.

**Building Systems**

- Electrical Systems
- Mechanical Systems
- Plumbing Systems

**System Specifications**

- HVAC System
- Lighting Systems
- Security Systems

**Technical Specifications**

- Material specifications
- Finish specifications
- Installation requirements

**Operational Procedures**

- Maintenance procedures
- Emergency procedures
- Safety procedures

**Regulatory Compliance**

- Building codes
- Environmental regulations
- Safety requirements

**Construction Documents**

- Site plans
- Structural plans
- MEP plans

**Design Intent**

- Aesthetics
- Functionality
- Sustainability

**Project Scope**

- Building envelope
- Interior finishes
- Special systems

**Contractual Information**

- Contract documents
- Change orders
- Payments

**Project Team**

- Architect
- Engineer
- Contractor

**References**

- Industry standards
- Manufacturer specifications
- Local codes and regulations
1. Carefully coordinate pipe routing with structure as well as all other trades to maintain equipment clearances and desired ceiling heights.

2. Coordinate all piping penetrations with structural prior to core drilling.

3. Provide shut off valves above accessible ceiling or other accessible location for all branch piping and individual connections to plumbing fixtures. Shut off valves are also required at the branch connection. Plumbing stops are not considered a substitute for shut off valves.

4. Avoid routing any piping through IT rooms or electric rooms. In the event it is absolutely necessary, coordinate the exact location such that it is not directly above any panels or equipment.

5. Provide firestopping at penetrations of all rated walls. Refer to code plans for locations of rated walls.

6. Prior to the start of work, the plumbing contractor is required to scope existing circuit setters unless otherwise noted.

7. Connect new Underslab sanitary to existing underslab piping. Sawcut existing slab and back fill as required to match existing flooring.

8. Underslab Plumbing Plan - Level 1

9. The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.

10. Please consider the environment before printing this.
VENT, 1" COLD WATER, AND 1/2" HOT WATER, AND 3/4" COLD WATER DOWN IN WALL. EXTEND TAPS TO EACH SINK AND SIZE PER PLUMBING FIXTURE SCHEDULE.

1. REFER TO SHEET P100 FOR PLUMBING GENERAL NOTES.

2. 1/2" COLD WATER TO INSTANTANEOUS WATER HEATER AND CONNECT 1/2" HOT WATER FROM INSTANTANEOUS WATER HEATER TO SINK.

3. CONNECT NEW VENT PIPE TO EXISTING VENT THROUGH ROOF.

4. FURNISH AND INSTALL DRY CHEMICAL FIRE SUPPRESSION SYSTEM.

5. 1/2" VENT AND 3/4" COLD WATER DOWN IN WALL.

6. PLAN NORTH TRUE NORTH

7. SCALE

8. DRAWN BY:

9. CHECKED BY:

10. DATE:

11. REV.

12. JOB NO:

13. DRAWING NO:

14. SHEET KEYNOTE LEGEND

15. GENERAL NOTES:

16. PLAN NOTES:

17. MATERIALS:

18. SHEET NUMBER:

19. SHEET SIZE:

20. SHEET SET:

21. SHEET TITLE:

22. SHEET LEGEND:

23. SHEET COLOR:

24. SHEET SCALE:

25. SHEET SCALE:

26. SHEET TITLE:

27. SHEET LEGEND:

28. SHEET COLOR:

29. SHEET SCALE:
1. Wall. Additional fill material to be installed such that a min 1/4 in. (6 mm) crown is formed around the penetrating item.

2. Installed between the vertical studs and screw-attached to the steel studs at each end. The framed opening in the wall shall be 4 to 6 in. (102 to 152 mm) for wood and 6 to 8 in. (152 to 203 mm) for metal framing members, lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm) OC. When steel studs are used and the diam of opening exceeds the width of stud cavity, the opening shall be framed on all sides using lengths of steel stud.

3. A wall penetration shall be min 0 in. (0 mm, point contact) to max 1/2 in. (13 mm). Installation within wall, lid removed from device to capture grouped cables. After wall such that lid is on top and ends project an adequate length to be removed on both sides of floor or wall assembly.

4. B. Max RG/U coaxial cable with fluorinated ethylene insulation and jacketing.

5. B. Gypsum Board* - Thickness, type, number of layers and fasteners as specified in the individual Wall and Partition Design. Opening in assembly. Any combination of the following types of cables may be used:

6. A. Copper Tubing

7. A. Copper Pipe

8. A. Conduit

9. A. Steel Pipe

10. F. Conduit Diam  in.

11. A. Copper Tubing

12. A. Copper Pipe

13. A. Conduit

14. A. Steel Pipe

15. F. Conduit Diam  in.

16. Type

17. Power Packs/Controllers:


19. Dimming Controls:

20. Automatic raise/lower lighting output of each lighting zone, either fully or partially, within each daylight zone(s) noted on floor plans.

21. Raise and lower control for each zone, with either separate buttons or single button rocker style. Not slider style.

22. On and off control for each zone, with either separate buttons or single button rocker style. Not toggle style.

23. Zone designations are denoted for each dimmer location when different zones are controlled from different dimmers within the same room.

24. On and off control for each zone, with either separate buttons or single button rocker style. Not toggle style.

25. Zone quantities for each switch location denoted on floor plans.

26. Location(s) and quantities shown on floor plans.

27. NOTE 6: CONTRACTOR MUST COORDINATE WITH LIGHT FIXTURE SCHEDULE, AND MOST IMPORTANTLY THE LIGHT FIXTURE SUBMITTAL, TO VERIFY DIMMING TYPE NEEDED FOR EACH RELAY/CONTROLLER.
**LIGHT FIXTURE SCHEDULE**

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**OCCUPANCY SENSOR SCHEDULE**

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<th>Manufacturer</th>
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<td>UT 42 SERIES</td>
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</tr>
</tbody>
</table>

Please consider the environment before printing this.
1. Mount in the return duct of the air handling unit, connect to the AHU for shutdown and to the fire alarm.

2. Mount fire/smoke dampers for control. Smoke detectors to control all fire/smoke dampers at the fire alarm control panel for monitoring.

3. Provide duct mounted smoke detector for control of the fire/smoke damper at this location. Connect to the damper for control and to the fire alarm control panel for monitoring. Connect smoke detector to door holders for monitoring.

4. Connection from the building fire alarm panel to the drop-away ceiling system controller at the data center pod. The dry contact shall open upon activation of the room smoke or heat detector. Horn/strobe to alarm upon activation of the dry chemical fire suppression smoke detector or heat suppression.

5. Provide mushroom type emergency shutoff button to shut off the dry chemical fire suppression system. Provide mushroom type emergency shutoff button to shut off the dry chemical fire suppression system. Connect to the dry chemical fire suppression system installer.

6. Coordinate all requirements with the fire suppression system installer. Provide emergency shutoff button to shut off the chemical fire suppression system. Connect to the chemical fire suppression system installer.

7. Provide mushroom type emergency shutoff button to shut off the chemical fire suppression system. Connect to the chemical fire suppression system installer.

8. Provide mushroom type emergency shutoff button to shut off the chemical fire suppression system. Connect to the chemical fire suppression system installer.

9. Provide mushroom type emergency shutoff button to shut off the chemical fire suppression system. Connect to the chemical fire suppression system installer.

10. Coordinate all requirements with the fire suppression system installer. Provide mushroom type emergency shutoff button to shut off the chemical fire suppression system. Connect to the chemical fire suppression system installer.