GENERAL NOTES

1. SHALL BE CONSIDERED THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEFT IN PLACE AT COMPLETION OF WORK.

2. SHALL BE FURNISHED AND INSTALLED EXACTLY AS SHOWN AND AS SPECIFIED. ANY CORRECTIONS OR MODIFICATIONS MADE BY THE CONTRACTOR SHALL BE SUBMITTED IN WRITING TO THE OWNER FOR APPROVAL. ANY SUCH SUBMISSIONS WILL NOT BE CONSIDERED UNLESS RECEIVED BY THE OWNER BEFORE THE COMPLETION OF THE CONTRACT OR BEFORE THE DATE THE CONTRACTOR IS REQUIRED TO SUBMIT THE FINAL DRAWINGS TO THE OWNER, WHICHER IT OCCURS FIRST.

3. ANY INQUIRY ABOUT THE INTERPRETATION OF THESE DRAWINGS OR SPECIFICATIONS, OR ANY REQUEST FOR INFORMATION CONCERNING THESE DRAWINGS OR SPECIFICATIONS, SHALL BE DIRECTED TO THE ARCHITECT/ENGINEER AND THE OWNER.
1. MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START.

2. COORDINATE ALL MECHANICAL WORK FOR POTENTIAL CONFLICTS WITH OTHER TRADES.

3. UNLESS OTHERWISE NOTED ALL MECHANICAL EQUIPMENT, DUCTWORK, AND AIR TERMINALS SHALL REMAIN.

CLEAN AND REUSE EXISTING DIFFUSERS AND GRILLES IN SAME LOCATION.

CLEAN AND REUSE EXISTING DIFFUSERS AND GRILLES IN NEW LOCATION. SEE SHEET M1.01 FOR NEW LOCATION.

T-STAT TO BE REMOVED AND REPLACED IN SAME LOCATION.

T-STAT TO BE REMOVED AND REPLACED IN NEW LOCATION. SEE SHEET M1.01 FOR NEW LOCATION.

KEY NOTES:

GENERAL NOTES:

1. REMOVE ALL EXISTING DUCTWORK PRIOR TO STARTING. CORRECT BEFORE CONTINUING.

2. COORDINATE ALL MECHANICAL WORK FOR POTENTIAL CONFLICTS WITH OTHER TRADES.

3. UNLESS OTHERWISE NOTED ALL MECHANICAL EQUIPMENT, DUCTWORK, AND AIR TERMINALS SHALL REMAIN.
1. Position all units & fans to provide adequate clearance for maintenance per code.

2. Coordinate all mechanical work for potential conflicts with other trades.

3. Main duct penetrations shall be full size rigid sheet metal down below roof with adequate length to attach duct runs and smoke detector.

4. All exposed ductwork shall be rigid sheet metal. All other supply and return ductwork may be flexible ductwork. All exhaust duct shall be rigid sheet metal.

5. Clean and reuse existing diffuser or grille in same location.

6. Clean and reuse existing diffuser or grille in new location. Shift diffuser or grille location in grid and extend corresponding flex duct as necessary.


### GENERAL NOTES

1. All Plumbing and HVAC systems shall be installed in accordance with the latest applicable national and local codes.
2. All plumbing and HVAC systems shall be designed and installed according to the latest applicable national and local codes.
3. All plumbing and HVAC systems shall be tested and commissioned in accordance with the latest applicable national and local codes.
4. All plumbing and HVAC systems shall be maintained in accordance with the latest applicable national and local codes.

### PLUMBING LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>L-1</td>
<td>1st Floor</td>
</tr>
<tr>
<td>L-2</td>
<td>2nd Floor</td>
</tr>
<tr>
<td>L-3</td>
<td>3rd Floor</td>
</tr>
<tr>
<td>L-4</td>
<td>4th Floor</td>
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### PLUMBING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MAKER</th>
<th>DESCRIPTION</th>
<th>MODEL</th>
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<tbody>
<tr>
<td>1.01</td>
<td>Zurn</td>
<td>Lavatory</td>
<td>ZW3870XLT</td>
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<tr>
<td>1.02</td>
<td>Zurn</td>
<td>Wastebasket</td>
<td>Z6000AV-HET</td>
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<tr>
<td>1.03</td>
<td>Zurn</td>
<td>Toilet</td>
<td>Z5655</td>
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### PIPING MATERIAL SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
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</thead>
<tbody>
<tr>
<td>2.01</td>
<td>Galvanized Steel</td>
<td>1000 ft</td>
</tr>
<tr>
<td>2.02</td>
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<td>500 ft</td>
</tr>
<tr>
<td>2.03</td>
<td>PVC</td>
<td>1000 ft</td>
</tr>
</tbody>
</table>

### SHEET INDEX

Sheet Number | Sheet Title
--- | ---
01 | Plan 1-1/2" Kitchen Fixtures
02 | Plan 2" Lavatory Fixtures
03 | Plan 1/2" Bath Fixtures
04 | Plan 3/4" Utility Fixtures
05 | Plan 1" HVAC Fixtures
06 | Plan 2" HVAC Fixtures
07 | Plan 3/4" HVAC Fixtures
08 | Plan 1" Electrical Fixtures
09 | Plan 2" Electrical Fixtures
10 | Plan 3/4" Electrical Fixtures
11 | Plan 1" Structural Fixtures
12 | Plan 2" Structural Fixtures
13 | Plan 3/4" Structural Fixtures
1. REMOVE EXISTING WATER CLOSETS AND LAVATORIES IN THIS RESTROOM. PREPARE WASTE, VENT AND WATER PIPING FOR NEW FIXTURES TO BE INSTALLED.

2. REMOVE EXISTING WATER CLOSETS, URINALS AND LAVATORIES IN THIS RESTROOM. PREPARE WASTE, VENT AND WATER PIPING FOR NEW FIXTURES TO BE INSTALLED.

3. REMOVE EXISTING SINK. PREPARE WASTE, VENT AND WATER PIPING FOR NEW FIXTURES TO BE INSTALLED.

4. REMOVE EXISTING FIXTURE. REMOVE WATER PIPING BACK TO MAIN AND CAP. CUT WASTE PIPE BACK TO BELOW GRADE AND CAP. REMOVE VENT PIPING BACK TO MAIN AND CAP.

KEY NOTES:

1. PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START.

2. COORDINATE ALL PLUMBING WORK FOR POTENTIAL CONFLICTS WITH OTHER TRADES.

3. UNLESS OTHERWISE NOTED ALL PLUMBING EQUIPMENT SHALL REMAIN.
1. All plumbing fixtures shall be water conservation type as mandated by local building department.

2. Prior to detailing and installing plumbing and fire protection piping, coordinate exact routing and elevations with mechanical, electrical, and fire sprinkler contractors. Provide written confirmation that this coordination has been implemented prior to proceeding with installation of piping.

3. All plumbing fixtures shall have a trap installed and shall be properly vented in order to maintain the trap seal.

General Notes:

- Provide and install new fixture(s).
- Provide and install new fixture. Extend rough-ins of new fixtures to existing points of connection.
1. All conduit and wiring from removed devices shall be removed back to source.
2. All light fixtures in the building to be removed and disposed.
3. Conduit in inaccessible locations shall be capped off and to remain in place.
4. Wiring shall not be abandoned in inaccessible conduits.
5. All switching and control devices to be demolished. Patch existing opening that are not reused.
1. All conduit and wiring from removed devices shall be removed back to source.
2. All receptacles to be removed. Remove J boxes, conduits and wires back to source.
3. Conduit in inaccessible locations shall be capped off and to remain in place.
4. Wiring shall not be abandoned in accessible conduits.
5. Provide updated, typed panel directories for all panel boards with circuits modified, added or removed.

DEMOLITION GENERAL NOTES:
1. Protect in place existing devices to remain.

DEMOLITION KEY NOTES:
1. Protect in place existing devices to remain.
LOW-VOLTAGE DEMOLITION PLAN
1. Refer to mechanical and plumbing drawings for equipment location and requirements.
2. All receptacles and outlets located on furniture shall be coordinated with architectural drawings prior to rough-in.
3. Verify exact locations of all equipment per architectural drawings.
4. All exterior disconnects shall be NEMA-3R rated.
5. Exterior receptacles shall be in-use weatherproof.
6. Refer to single line diagram for feeder and equipment sizes.

Power General Notes:

1. Provide power for TV.
2. RFB9 series floorbox. For power and data cables. Sawcut, trench and backfill as required.

Power Key Notes:

1. Provide power for TV.
2. RFB9 series floorbox. For power and data cables. Sawcut, trench and backfill as required.

Notes:

1. See plans for number of homeruns for each junction box.
2. Minimum conduit size for power is 3/4"C and for communication is 1-1/4"C.

Recessed furniture feed from wall mount junction boxes.
1. All current floor boxes are to remain, unless otherwise noted.
2. All current electrical and data locations to remain as is, unless otherwise noted.
3. For all power and data to be installed within the existing trench duct and cellular floor the contractor shall coordinate the removal and reinstallation of all flooring as needed to access the distribution system.
4. All floor box installation requires an X-ray of the floor prior to the start of any work.
5. For the requirements on routing and support of all low voltage cable refer to the specification here.

COMMUNICATIONS GENERAL NOTES:

1. Floor Box Outlet - Provide a 1" conduit from the floor box to the nearest wall, then to the ceiling space above. Refer to the electrical sheet's for the floor box type.
2. Data Furniture J-Box - Provide (1) 1 1/4" conduit from the furniture to the ceiling space above. Provide CAT 6A data cables QTY as indicated and route the cable to the TR Room #113.
3. Furniture Outlet - Provide a 4 port modular furniture face plate at each location. Coordinate with the furniture supplier as to which faceplates are required. Terminate each cable as indicated.
4. Data Outlet - Provide a 1" conduit to the ceiling space with a 4 11/16 extra deep J-Box and a single gang mud ring. Provide CAT 6A data cables QTY as indicated and route the cable to the TR Room #113.
5. New Ceiling Mounted Wireless Location - Contractor shall install two (2) CAT 6A with a 4 11/16 extra deep J-Box and a single gang mud ring. Coordinate the exact location prior to installation. Route the cable to the TR Room #113. Refer to detail sheet E4.XX for additional information.
6. Contractor required to X-ray and saw cut the floor as required to install the conduit and floor boxes. Refer to the architectural detail for additional information.
7. Provide a 4 11/16" junction box, a single gang mud ring, and 1" conduit routed down to the floor, also to the ceiling space above. See details sheet E4.01 for additional information.
EXISTING ENTRANCE ROOM LAYOUT

NEW TR ROOM LAYOUT

EXISTING TR ROOM LAYOUT

ROOM LIST MATRIX

SIDE VIEW

FRONT VIEW

NEW RACK DETAILS

TOP VIEW NEW FLOOR BOX

GENERAL NOTES

1. CONDUIT FOR ELECTRICAL SERVICES WITHIN ANY ER/ TR LOCATIONS SHALL BE INSTALLED BEHIND THE EXISTING CABINETS. ALL CONDUIT MOUNTED ELECTRICAL SERVICES SHALL BE INSTALLED IN CONFORMITY WITH THE SPECIFIC LOCATION SHOWN IN THE DETAIL DRAWINGS.

2. AS REQUIRED BY DESIGN, CONDUIT FOR SURFACE MOUNTED FLOOR BOXES SHALL BE INSTALLED BEHIND THE EXISTING CABINETS AND MOUNTED BEHIND AND ABOVE THE EXISTING CABINET. THIS CONDUIT SHALL BE CONDITIONAL TO THE SPECIFIC LOCATION SHOWN IN THE DETAIL DRAWINGS.

3. AS REQUIRED BY DESIGN, CONDUIT FOR SURFACE MOUNTED ELECTRICAL SERVICES SHALL BE INSTALLER BEHIND THE EXISTING CABINETS AND MOUNTED BEHIND AND ABOVE THE EXISTING CABINET. THIS CONDUIT SHALL BE CONDITIONAL TO THE SPECIFIC LOCATION SHOWN IN THE DETAIL DRAWINGS.

4. CONDUIT FOR DATA AND TELEPHONE CABLES WITHIN ANY ER/ TR LOCATION SHALL BE INSTALLED BEHIND THE EXISTING CABINETS. THIS CONDUIT SHALL BE CONDITIONAL TO THE SPECIFIC LOCATION SHOWN IN THE DETAIL DRAWINGS.

5. BACKGROUND SHEET FOR ADDITIONAL INFORMATION.

6. PLACEMENT OF EXTERNAL ELECTRICAL SUPPLIES AND CORDS. OFF SWITCHES SHALL BE COORDINATED WITH THE BUILDING PLAN AT THE TIME OF ELECTRICAL INSTALLATION.

7. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE MOUNTING PLATES AND ALL ADDITIONAL MATERIALS FOR THE SUCCESSFUL INSTALLATION OF THE LOW VOLTAGE ELECTRICAL SERVICES AND AIDS TO FIRE SAFETY/HYGIENE.

8. REFER TO CONSTRUCTION INSTALLATION REQUIREMENTS (EA-0) FOR ADDITIONAL INFORMATION.

9. REFER TO EXISTING DRAWINGS FOR ADDITIONAL INFORMATION. (EC-0) INDICATES MOUNTING LOCATION OF THE LOW VOLTAGE ELECTRICAL SERVICES AND AIDS TO FIRE SAFETY/HYGIENE. (ED-0) INDICATES MOUNTING LOCATION OF THE LOW VOLTAGE ELECTRICAL SERVICES AND AIDS TO FIRE SAFETY/HYGIENE.
GENERAL NOTES:
1. THE DESIGN PROFESSIONAL HAS PERFORMED ALL VOLTAGE DROP CALCULATIONS AND ALL BRANCH CIRCUITS AND FEEDER COMPLY WITH NEC 210.19(A)(1).

EXISTING MAIN SWITCH AND METER 'M'
120/240V, 1PH, 3W, NEMA 3R

EXISTING DISTRIBUTION BOARD 'DB'
120/240V, 1PH, 3W, 600A

PARTIAL ELECTRICAL ONE LINE DIAGRAM

EXISTING TRANSFORMERS

EXISTING DISTRIBUTION BOARD 'DB'
120/240V, 1PH, 3W, 600A

EXISTING MAIN SWITCH AND METER 'M'
120/240V, 1PH, 3W, NEMA 3R