**EGRESS NOTES**

- All egress doors shall be operable from the inside without the use of a key, lock, or special knowledge.
- The maximum effort to operate doors shall not exceed 8.5 pounds for exterior doors and 5.0 pounds for interior doors.
- The bottom 10" on the push side of the door shall have a smooth uninterrupted surface that allows the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.
- Provide panic hardware as required by code.

**EGRESS SYMBOLS LEGEND**

- N.I.C.: Number of occupants exiting a room
- F.E.C.: Fire extinguisher cabinet
- P.H.: Panic hardware

**OCCUPANCY CALCULATIONS**

<table>
<thead>
<tr>
<th>Room Name</th>
<th>Area</th>
<th>Factor</th>
<th>Occupancy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manager</td>
<td>137 SF</td>
<td>150</td>
<td>1st</td>
</tr>
<tr>
<td>Storage</td>
<td>81 SF</td>
<td>300</td>
<td>1st</td>
</tr>
<tr>
<td>Group Room #1</td>
<td>269 SF</td>
<td>15</td>
<td>18</td>
</tr>
<tr>
<td>Treatment #1</td>
<td>127 SF</td>
<td>150</td>
<td>1st</td>
</tr>
<tr>
<td>Treatment #2</td>
<td>128 SF</td>
<td>150</td>
<td>1st</td>
</tr>
<tr>
<td>Treatment #3</td>
<td>128 SF</td>
<td>150</td>
<td>1st</td>
</tr>
<tr>
<td>Waiting Room</td>
<td>378 SF</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Treatment #4</td>
<td>128 SF</td>
<td>150</td>
<td>1st</td>
</tr>
</tbody>
</table>

**TOTAL:** 1551 SF
3.2 PREPARATION

3.2.1 Surfaces:  Loft, smooth, clean, dust-free. Prepare surfaces to receive paint in accordance with specified procedure. When existing finishes are to be maintained, prepare surfaces to receive the new paint finish while providing for perfect bonding of the new paint finish. New paint finishes and existing finishes shall be compatible and the manufacturer shall provide written instructions.

3.2.2 Repairs:  Make repairs to wall and ceiling surfaces and to any door hardware that may be damaged during construction. All repairs shall be made prior to the application of new paint finishes.

3.2.3 Painting Equipment:  Use equipment which will provide uniform application of paint finishes. All paint application equipment shall be equipped with air filters. Paint shall be applied by using the least amount of air pressure necessary to assure complete coverage of the surface. Use properly sized tips and nozzles for all paint application equipment.

3.3 APPLICATION

3.3.1 General:  Prepare涂布按照 manufacturer's instructions for the specific type of paint finish.

3.3.2 Application:  Apply paint using the specified equipment and technique. Apply paint in a uniform manner to ensure smooth, uniform color to the surface. Avoid overspraying, runs, lap marks, sags, brush marks, or other defects. Paint application shall be done as specified by the manufacturer.

3.3.3 Curing Time:  Allow enough time for the surface to dry and cure before touch-up and recoating. Follow the manufacturer's instructions for curing times.

3.3.4 Touch-Up:  Touch-up any defects that may have occurred during the application of the paint finish. Follow the manufacturer's instructions for touch-up procedures.

3.3.5 Recoating:  Allow enough time for the paint finish to cure before recoating. Follow the manufacturer's instructions for recoating times.

3.4 CLEAN-UP

3.4.1 Clean-Up Equipment:  Use equipment that will allow for easy clean-up of paint finishes. All equipment shall be cleaned immediately after use.

3.4.2 Clean-Up Procedure:  Follow the manufacturer's instructions for clean-up procedures. Use the appropriate solvent for the specific type of paint finish.

3.4.3 Disposal:  Dispose of all waste materials in accordance with local and national regulations.

4.0 PREPARATION OF FRAMEWORK

4.1 General:  Prepare the framework for the application of paint finishes in accordance with the manufacturer's instructions.

4.2 Materials:  Use materials as recommended by the manufacturer. All materials shall be of the proper size, thickness, and quality to ensure proper performance of the paint finish.

4.3 Application:  Apply materials as specified by the manufacturer. Use the proper application technique to ensure uniform coverage and color.

4.4 Curing Time:  Allow enough time for the materials to cure before application of paint finishes.

4.5 Touch-Up:  Touch-up any defects that may have occurred during the application of the materials. Follow the manufacturer's instructions for touch-up procedures.

4.6 Recoating:  Allow enough time for the materials to cure before recoating.

5.0 MAINTENANCE

5.1 General:  Maintain the framework in accordance with the manufacturer's instructions.

5.2 Materials:  Use materials as recommended by the manufacturer. All materials shall be of the proper size, thickness, and quality to ensure proper performance of the paint finish.

5.3 Application:  Apply materials as specified by the manufacturer. Use the proper application technique to ensure uniform coverage and color.

5.4 Curing Time:  Allow enough time for the materials to cure before application of paint finishes.

5.5 Touch-Up:  Touch-up any defects that may have occurred during the application of the materials. Follow the manufacturer's instructions for touch-up procedures.

5.6 Recoating:  Allow enough time for the materials to cure before recoating.

6.0 INSPECTION

6.1 General:  Inspect the framework in accordance with the manufacturer's instructions.

6.2 Materials:  Use materials as recommended by the manufacturer. All materials shall be of the proper size, thickness, and quality to ensure proper performance of the paint finish.

6.3 Application:  Apply materials as specified by the manufacturer. Use the proper application technique to ensure uniform coverage and color.

6.4 Curing Time:  Allow enough time for the materials to cure before application of paint finishes.

6.5 Touch-Up:  Touch-up any defects that may have occurred during the application of the materials. Follow the manufacturer's instructions for touch-up procedures.

6.6 Recoating:  Allow enough time for the materials to cure before recoating.

7.0 ACCEPTANCE

7.1 General:  Acceptance of the framework shall be based on the manufacturer's written instructions and the manufacturer's warranty.

7.2 Materials:  Accept materials as recommended by the manufacturer. All materials shall be of the proper size, thickness, and quality to ensure proper performance of the paint finish.

7.3 Application:  Accept application as specified by the manufacturer. Use the proper application technique to ensure uniform coverage and color.

7.4 Curing Time:  Accept curing time as specified by the manufacturer.

7.5 Touch-Up:  Accept touch-up as specified by the manufacturer.

7.6 Recoating:  Accept recoating as specified by the manufacturer.

8.0 RECORDS

8.1 General:  Maintain records of the framework in accordance with the manufacturer's instructions.

8.2 Materials:  Maintain records of materials as specified by the manufacturer. All materials shall be of the proper size, thickness, and quality to ensure proper performance of the paint finish.

8.3 Application:  Maintain records of application as specified by the manufacturer. Use the proper application technique to ensure uniform coverage and color.

8.4 Curing Time:  Maintain records of curing time as specified by the manufacturer.

8.5 Touch-Up:  Maintain records of touch-up as specified by the manufacturer.

8.6 Recoating:  Maintain records of recoating as specified by the manufacturer.
SPECIFICATION

SECTION 09 91 23 - INTERIOR PAINTING - CONTINUED

3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
4. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
5. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers.

B. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.

C. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

D. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:

1. Paint the following work where exposed in equipment rooms:
   a. Equipment, including panelboards.
   b. Uninsulated metal piping.
   c. Uninsulated plastic piping.
   d. Pipe hangers and supports.
   e. Metal conduit.
   f. Plastic conduit.
   g. Tanks that do not have factory-applied final finishes.
   h. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.

2. Paint the following work where exposed in occupied spaces:
   a. Equipment, including panelboards.
   b. Uninsulated metal piping.
   c. Uninsulated plastic piping.
   d. Pipe hangers and supports.
   e. Metal conduit.
   f. Plastic conduit.
   g. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
   h. Other items as directed by Architect.

3. Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces.

3.4 FIELD QUALITY CONTROL

A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.

1. Contractor shall touch up and restore painted surfaces damaged by testing.

2. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

3.5 CLEANING AND PROTECTION

A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.

B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.

C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.

D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.6 INTERIOR PAINTING SCHEDULE

A. CMU Substrates:
   1. Water-Based Light Industrial Coating System - Semigloss:
      a. Block Filler: Block filler, latex, interior/exterior.
      c. Topcoat: Light industrial coating, interior, water based, semigloss: Pre-Catalyzed Water Based Epoxy, Semigloss.

B. Metal Substrates (Aluminum, Steel, Galvanized Steel):
   1. Water-Based Light Industrial Coating System:
      c. Topcoat: Light industrial coating, interior, water based, semigloss: Pre-Catalyzed Water Based Epoxy, Semigloss.

C. Gypsum Board Substrates:
   1. Water-Based Light Industrial Coating System:
      c. Topcoat: Light industrial coating, interior, water based, semigloss: Pre-Catalyzed Water Based Epoxy, Semigloss.

END OF SECTION 09 91 23
DEMOlITION NOTES

A. ALL WORK PERFORMED ON THIS BUILDING SHALL BE IN COMPLIANCE WITH ALL PERTINENT CODES, RULES, ORDINANCES AND REGULATIONS OF THE LOCAL AND STATE GOVERNING AUTHORITIES.

B. ALL WORK PERFORMED AND IN CONNECTION WITH THESE DRAWINGS AND SPECIFICATIONS SHALL BE IN STRICT COMPLIANCE WITH THE LATEST OSHA SAFETY AND HEALTH STANDARDS.

C. THESE DRAWINGS ON THEIR OWN, CANNOT REVEAL ALL CONDITIONS THAT EXIST ON THE SITE. SHOULD CONDITIONS BE FOUND TO VARY SUBSTANTIALLY FROM THESE DOCUMENTS, NOTIFY OWNER AND ARCHITECT IMMEDIATELY IN WRITING.

D. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS NOTED ON THE EXISTING FLOOR PLAN, PRIOR TO DEMOLITION.

E. REMOVE ALL EXISTING ITEMS SHOWN WITH DASHED LINES. REPAIR WALL AND FLOOR FINISHES TO MATCH ADJACENT SURFACES AT AREAS OF REMOVAL OR SCHEDULE NEW SURFACES AS REQUIRED.

F. SEE PLUMBING, HVAC AND ELECTRICAL DRAWINGS FOR REMOVAL WORK ASSOCIATED WITH THOSE TRADES.

G. PROTECT EXISTING STRUCTURE, WALLS, CEILINGS, DOORS, FIXTURES, ETC. DURING DEMOLITION.

H. PROTECT ALL FEATURES THAT ARE TO REMAIN. REFINISH TO LIKE NEW ANY AREAS DAMAGED DURING CONSTRUCTION.

I. ALL CUTTING, DEMOLITION AND PATCHING OF EXISTING AND/OR NEW CONSTRUCTION OR EQUIPMENT IS TO BE PERFORMED BY THE CONTRACTOR WHO IS TO SUPPLY AND INSTALL THE NEW CONSTRUCTION AND/OR EQUIPMENT.

J. WHERE DEMOLITION OF EXISTING CONSTRUCTION AND/OR EQUIPMENT OCCURS, PATCH AND REPAIR FLOOR, WALL AND CEILING CONSTRUCTION AND/OR FINISHES TO MATCH ADJACENT CONSTRUCTION AND/OR FINISHES.

K. NOTIFY PROPERTY MANAGEMENT PRIOR TO THE DISABLING OF ANY FIRE ALARM DEVICES. ALL FIRE ALARM DEVICES THAT ARE NOT DISABLED BUT TEMPORARILY REMOVED FROM CEILINGS OR WALLS AS A RESULT OF SELECTIVE DEMOLITION SHOULD BE PROPERLY SUSPENDED ABOVE CEILING TO PREVENT DAMAGE OR FALSE ALARMS DURING CONSTRUCTION (IN NO CASE SHALL DEVICE BE SUSPENDED BY ITS OWN ALARM WIRING).

L. INFILL ALL EXISTING FLOOR PENETRATIONS AND PREPARE FLOOR FOR NEW FLOOR FINISH INSTALLATION.

KEY NOTES

1. EXISTING COLUMN TO REMAIN; PROTECT DURING CONSTRUCTION.
2. DEMOLISH LOW WALL AND GLASS PARTITIONS, TYP. 3 CEILING SOFFIT LINE ABOVE 4 GENERAL CONTRACTOR TO REMOVE WALK-IN COOLER AND DISCONNECT ALL UTILITIES.
3. SEE MPE DRAWINGS FOR MORE INFORMATION.
4. DEMOLISH EXISTING FINISHES AND GYPSUM BOARD FOR WALL EXTENSION, TYP.
5. DEMOLISH WALL AND ALL UTILITIES, TYP. SEE ME DRAWINGS FOR MORE INFORMATION.
6. DEMOLISH EXISTING ELECTRICAL PANELS; SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
7. DEMOLISH SINK, TYP.
8. DEMOLISH FLOOR SINK.
9. DEMOLISH DISHWASHER VENT HOOD AND ENTIRE ASSEMBLY.
10. DEMOLISH FLOOR TILE AND TILE BASE.
11. DEMOLISH KITCHEN CASEWORK.
12. DEMOLISH 6" STUD WALL AT SAME LOCATION.
13. DEMOLISH WALL FOR FUTURE EXIT DOOR.
14. DEMOLISH FLOOR FOR FUTURE EXIT DOOR.
A. All work performed on this building shall be in compliance with all pertinent codes, rules, ordinances, and regulations of the local and state governing authorities.
B. All work performed in connection with these drawings and specifications shall be performed in strict compliance with the latest OSHA safety and health standards.
C. These drawings and their data cannot reveal all conditions that exist on the site. Should conditions be found to vary substantially from these documents, notify owner and architect immediately in writing.
D. The contractor shall verify all existing conditions prior to the demolition commencing, and shall be responsible for coordinating with other trade contractors.
E. Remove all existing items shown with dashed line. Repair walls and floor finishes to match adjacent surfaces at areas of removal or schedule new surfaces as required.
F. See plumbing, HVAC, and electrical drawings for removal work associated with those trades.
G. Protect existing structure, walls, ceilings, doors, fixtures, etc. during demolition.
H. Protect all features that are to remain. Refinish to like new any areas damaged during construction.
I. All cutting, demolition, and patching of existing and/or new construction or equipment is to be performed by the contractor who is to supply and install the new construction and/or equipment.
J. Where demolition of existing construction and/or equipment occurs, patch and repair floor, wall, and ceiling construction and/or finishes to match adjacent construction and/or finishes.
K. Notify property management prior to the disabling of any fire alarm devices. All fire alarm devices that are not disabled but temporarily removed from ceilings or walls as a result of selective demolition should be properly suspended above ceiling to prevent damage or false alarms during construction (in no case shall device be suspended by its own alarm wiring).
L. Infill all existing floor penetrations and prepare floor for new floor finish installation.
GENERAL NOTES

1. ALL LUMBER MUST BE 2X4'S AND 2X6'S WITH MINIMUM 16" O.C. NAIL HOLE.

2. ALL COMMERCIAL ANCHORS ARE TO BE CORRECTLY SIZED PER BUILDING CODE.

3. ALL WATER DURABILITY MUST BE 16" O.C. NAIL HOLE AND MEET CRITICAL CONSTRUCTION WITH RUST COMPLIANCE.

4. SCHEDULED WALL PER PLAN.

5. ALL WATER DURABILITY MUST MEET CRITICAL CONSTRUCTION WITH RUST COMPLIANCE.

6. ALL WATER DURABILITY MUST MEET CRITICAL CONSTRUCTION WITH RUST COMPLIANCE.

7. ALL WATER DURABILITY MUST MEET CRITICAL CONSTRUCTION WITH RUST COMPLIANCE.

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19. ALL WATER DURABILITY MUST MEET CRITICAL CONSTRUCTION WITH RUST COMPLIANCE.

20. ALL WATER DURABILITY MUST MEET CRITICAL CONSTRUCTION WITH RUST COMPLIANCE.

KEY NOTES

1. A - ALL PLUMBING FIXTURES AND ACCESSORIES SIZE AND MOUNTING HEIGHT SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) REQUIREMENTS.

2. B - REFER TO ACCESSIBILITY REQUIREMENTS ON SHEET G100 FOR REQUIRED MOUNTING HEIGHTS. COORDINATE WITH ADA, ANSI, AND ALL APPLICABLE CODE REQUIREMENTS.

3. C - CONTRACTOR TO PROVIDE IN WALL SUPPORT FOR ACCESSORY AND MILLWORK MOUNTING PER MANUFACTURERS SPECIFICATIONS.

4. D - GRAB BAR AND SUPPORT SHALL RESIST 250 LB AND SHALL COMPLY WITH ALL ADA, ANSI, AND APPLICABLE CODE REQUIREMENTS.

1. ACOUSTICAL DOOR, SEE DOOR SCHEDULE

2. FURNITURE BY OWNER, TYP. 3

3. FULL HEIGHT ACOUSTICAL PARTITION, SEE WALL TYPE FOR MORE INFORMATION.

4. QUIETTILE LIGHT HOOD, TYP. ON ALL LIGHT FIXTURE IN GROUP ROOM, TREATMENT ROOM, AND MANAGER ROOM.

5. 1/4" CLEAR POLYCARBONATE PANEL

6. CASEWORK SOFFIT

7. TV PROVIDED BY OWNER; GENERAL CONTRACTOR TO PROVIDE WALL BACKING AT 6'-6" A.F.F., TYP.

8. CLEAR SEALANT BETWEEN PANELS.

PLAN

1/4" = 1'-0"

SECTION

1/4" = 1'-0"

BUILDING SECTION

1/4" = 1'-0"
EXISTING CONCRETE SUBFLOOR

EXISTING LVT FLOOR FINISH

VCT; SEE FINISH PLAN FOR MORE INFORMATION

MAPEI MAPECEM QUICKPATCH OR APPROVED EQUAL

2% SLOPE MAXIMUM

MANAGER

GROUP ROOM #1

TREATMENT #1

TREATMENT #2

TREATMENT #3

TREATMENT #4

WAITING ROOM

1/2" GYP. BD. OVER 3-5/8" METAL STUDS

1/4" STAINLESS STEEL 4" LONG WIRE PULL

ADJUSTABLE SHELVES

WHITE PLASTIC LAMINATE OVER MDF CASEWORK SUBSTRATE. TYPICAL IN ALL INTERIOR SURFACES

1/4" PLAXIGLASS PT 1

CRL SATIN ANODIZED FIXED GLASS FRAME ITEM#D1675A

6 1/4" 6" HIGH OPENING AT THE BOTTOM OF THE PLAXIGLASS

3 1/2"

CABINET SECTION

RECEPTION COUNTER

CONTRACTOR TO PROVIDE WALL BACKING WHITE PLASTIC LAMINATE OVER MDF CASEWORK SUBSTRATE. TYPICAL IN ALL INTERIOR SURFACES

1/2" STAINLESS STEEL 2" CORE RUBBER BASE, SEE MATERIAL LEGEND

1/4" PLAXIGLASS PT 1

CRL SATIN ANODIZED FIXED GLASS FRAME ITEM#D1675A

6 1/4" 6" HIGH OPENING AT THE BOTTOM OF THE PLAXIGLASS

3 1/2"

CASEWORK TYPICAL CABINET SECTION

LEVEL 1 - FINISH FLOOR PLAN

FLOOR FINISH LEGEND

LVT; SEE FINISH PLAN FOR MORE INFORMATION

OPT WITH SB 1

1/4" STAINLESS STEEL 2" CORE RUBBER BASE, SEE MATERIAL LEGEND

1/4" PLAXIGLASS PT 1

CRL SATIN ANODIZED FIXED GLASS FRAME ITEM#D1675A

6 1/4" 6" HIGH OPENING AT THE BOTTOM OF THE PLAXIGLASS

3 1/2"

CASEWORK TYPICAL CABINET SECTION

LEVEL 1 - FINISH FLOOR PLAN
RCP NOTES

1. CENTER LIGHT FIXTURES IN ROOMS U.N.O. B COORDINATE AND VERIFY LOCATIONS OF ALL MECHANICAL GRILLS WITH MECHANICAL AT PERIMETER DRAWINGS.

2. SUPPORTING MAIN ATTACHED FROM THE STRUCTURE ABOVE WITH AN APPROVED HANGERS. 12 GAUGE HANGER WIRE SHALL ATTACH THE GRID MEMBER TO THE STRUCTURE ABOVE WITHIN 2" OF EACH CORNER OF EACH FIXTURE. TANDEM FIXTURES MAY UTILIZE COMMON WIRES.

3. LIGHT FIXTURES WEIGHING LESS THAN 56 LIGHT FIXTURES SHALL COMPLY WITH THE REQUIREMENTS ASTM C635 AND C636.

4. LIGHT FIXTURES WEIGHING 56 POUNDS OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.

5. CROSS RUNNER TEE PROVIDE SUFFICIENT SUPPORT FOR ALL LIGHTING FIXTURE AND CONCEALED EQUIPMENT.

6. POP RIVET ALL TEES TO WALL ANGLE TRIM TYPICAL 8' MAXIMUM FROM MAIN RUNNER AND C CROSS RUNNER INTERSECTION AT APPROXIMATELY 45° EACH MAX. APPROXIMATELY 45° EACH WALL ANGLE TRIM WHICH IMPOSES ADDED WEIGHTS TO CEILING SYSTEM. THE SUSPENDED CEILING SYSTEM, 12 GAUGE HANGER WIRE AND MECHANICAL DUCTWORK AND LIGHTING MECHANICAL INTERLOCKING CONNECTORS SUCH AS POP RIVETS, SCREWS, PINS, OR PLATES WITH BENT TABS OR OTHER APPROVED CONNECTORS.

7. SEE FINISH SCHEDULE KEY NOTES FOR MORE INFORMATION.

8. WALL ANGLE TRIM AT PERIMETER TO PROVIDE ACCESS PANELS AS REQUIRED AFTER THE INSTALLATION OF OTHER EQUIPMENT.

9. POP RIVET ALL TEES TO WALL ANGLE TRIM TYPICAL 8' MAXIMUM - 0" ON CENTER EACH MAX. - 0" ON CENTER EACH MAX. 1/2". MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1/2".

10. WALL ANGLE TRIM AT PERIMETER TO PROVIDE ACCESS PANELS AS REQUIRED AFTER THE INSTALLATION OF OTHER EQUIPMENT.

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56. WALL ANGLE TRIM AT PERIMETER TO PROVIDE ACCESS PANELS AS REQUIRED AFTER THE INSTALLATION OF OTHER EQUIPMENT.
GENERAL NOTES

KEY NOTES

1. DEMOLISH EXISTING KITCHEN EXHAUST AND PATCH ROOF TO MATCH EXISTING, INCLUDING BUT NOT LIMITED TO SUBSTRATE, INSULATION, COVER/HARD BOARD & MEMBRANE; GC IS REQUIRED TO CONTRACT WITH Sika Approved Applicator to keep the warranty intact. The applicator will need to arrange Sika Technical Staff to perform inspections after repairs are completed.

2. EXISTING ROOF DRAIN TO REMAIN

N.I.C
1. All cold-formed steel framing shall be fabricated and erected in accordance with the latest edition of the Steel Stud Manufacturers Association Standard. The following minimum requirements shall be met:

   - Steel sections shall be marked with the manufacturer's name and code number.
   - Steel sections shall be identified with the manufacturer's name and code number.
   - Steel sections shall be identified with the manufacturer's name and code number.

2. All structural drawings typically show only the primary structural framing. Additional framing details and notes shall be provided as required for the specific project.

3. Structural drawings shall be submitted for all structural items. Shop drawings shall be submitted for all structural items.

4. Finalized construction documents shall be provided in accordance with the latest edition of the Steel Stud Manufacturers Association Standard.

5. Certificates of approval regarding materials and inspection of shop drawings shall be provided in accordance with the latest edition of the Steel Stud Manufacturers Association Standard.

6. General structural notes:

   - Steel sections shall be identified with the manufacturer's name and code number.
   - Steel sections shall be identified with the manufacturer's name and code number.
   - Steel sections shall be identified with the manufacturer's name and code number.

7. All structural drawings typically show only the primary structural framing. Additional framing details and notes shall be provided as required for the specific project.

8. Structural drawings shall be submitted for all structural items. Shop drawings shall be submitted for all structural items.

9. Finalized construction documents shall be provided in accordance with the latest edition of the Steel Stud Manufacturers Association Standard.

10. Certificates of approval regarding materials and inspection of shop drawings shall be provided in accordance with the latest edition of the Steel Stud Manufacturers Association Standard.

11. Types of work to be inspected by the special inspector are as follows:

   - Structural components requiring special inspection due to the complexity of the construction process.
   - Special inspection requirements for specific structural components.
   - Special inspection requirements for specific structural components.

12. Inspection note:

   - All inspection notes shall be provided in accordance with the latest edition of the Steel Stud Manufacturers Association Standard.
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   - All inspection notes shall be provided in accordance with the latest edition of the Steel Stud Manufacturers Association Standard.
STRUCTURAL FRAMING PLAN NOTES:
1. VERIFY DIMENSIONS AND CONDITIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.

FLOOR PLAN
SCALE: 1/4" = 1'-0"
1. ALL STEEL STUD INTERSECTIONS SHALL BE SCREWED WITH (2) #10 SCREWS. FOR SIZE AND GAGE OF TYP STEEL STUDS, SEE GSN. SPECIAL SIZES ARE CALLED OUT IN DETAILS.

2. STUDS SHALL BE 600S125-30 AT 24" OC TYPICAL, UNO.

3. LATERAL BRIDGING AT STUD WALLS PER GSN

4. WELDED CONNECTIONS MAY BE USED AS ALTERNATE AT 16 GA MIN MATERIAL. 3/4" x 1/8" FILLET WELD FOR EACH SCREW

(2) #10 SCREWS AT EACH STUD TRACK TO TRACK #10 SCREW AT 12" OC EA SIDE

DOUBLE STUDS WHERE SHOWN ON PLANS AND DETAILS. #10 SCREWS AT 12" OC

TYPICAL TRACK TO CONCRETE ATTACHMENT: 3 ALTERNATES:

a) 1/2" DIA EXPANSION BOLT AT 32" OC
b) HILTI X-U POWER DRIVEN PINS AT 16" OC (1" EMBED)
c) 3/8" DIA SLEEVE ANCHOR AT 24" OC

TRACK NESTED OVER STUD #10 SCREW AT 12" OC EA SIDE

600S125-30 HORIZONTAL BRACE WITH L 3x3x16 GA CLIP ANGLE EACH END WITH (3) #10 EACH LEG TO STUD AND BRACE

SNHD BEHAVIORAL HEALTH 2

IMEG #23002690.00

08/18/2023
MECHANICAL SPECIFICATIONS

1. All mechanical work shall be performed in accordance with applicable national, state, and local codes, including the International Building Code (IBC), Uniform Mechanical Code (UMC), Uniform Plumbing Code (UPC), and International Energy Conservation Code (IECC).

2. All project mechanical systems and components shall be designed and installed in accordance with the latest edition of the AIA Guide to Construction Documents. The contractor shall submit ten sets of working drawings to the architect for review and approval before proceeding with construction.

3. All mechanical systems shall be designed and installed to meet the project requirements and to comply with all applicable codes and standards.

4. All mechanical systems shall be designed and installed to meet the project requirements and to comply with all applicable codes and standards.

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FIRE SPRINKLER NOTES

1. SPRINKLER CONSTRUCTION SHALL PROVIDE SYSTEM DECK, LABOR, MATERIAL, WRITE-QUIP AND SERVICE MANUFACTURER.
   SHEET METAL OF TYPE B OR COMMERCE.
2. SPRINKLER INSTALLATION SHALL CONFORM TO ALL REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION AND THE MANUFACTURER'S WRITTEN SPECIFICATIONS. INSTALLATION WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS.
3. SPRINKLER HEADS SHALL BE PLACED IN THE STARTUP AS PER DIAGRAM.
4. PROVIDE DUCT TRANSITION AS REQUIRED.
5. COORDINATE BORDER, COLOR, FINISH AND EXACT LOCATION WITH ARCHITECT REVIEWING AGENT, OR IF REVIEW COMMENTS REQUIRE EXTENSIVE REVISIONS, THE SUBMITTAL SHALL BE REVISED AS DRAWS SHALL BE SENT TO THE ARCHITECT FOR CEILING DESIGN COORDINATION ONLY. IF REQUIRED BY ANY FINAL SHOP DRAWINGS SHALL FIRST BE SUBMITTED TO THE STATE FIRE MARSHAL. FOLLOWING THEIR REVIEW AND REINSTALLED AFTER INSTALLATION OF CEILING SYSTEM, WITH DROPS MODIFIED, AS REQUIRED. PROVIDE RATHER THAN PLUGGING. IF EXTRA LENGTH DROPS ARE INSTALLED, CUT BACK HEADS AFTER CEILING INSTALLATION IN
7. CONSTRUCTION SHALL UPSET GRAPHICS WITH POINTS ACCORDINGLY THE CUSTOMARY MANNER.
8. GENERAL ADEQUATE COORDINATION WITH OTHER WORK, INCLUDING DUCTWORK, DIFFUSERS, GRILLES, ELECTRICAL AND PLUMBING PIPING, MISCELLANEOUS REPAIRS TO DEFEND systems.
9. MISCELLANEOUS CONSTRUCTION SHALL PROVIDE PROCESS FOR INTERFACE WITH THE LANDLORDS BAS SYSTEM CONTROLS AND ACTUATOR BY BAS CONTRACTOR.
10. CONTRACTOR SHALL PROVIDE A DISCHARGE AIR TEMPERATURE SENSOR AT THE VAV BOX DISCHARGE WITH ALL ASSOCIATED POWER AND CONTROLS FOR INTERFACE WITH THE LANDLORDS BAS SYSTEM.
11. CONTRACTOR SHALL UPDATE GRAPHICS WITH POINTS ACCORDINGLY CONTROLS AND ACTUATOR BY BAS CONTRACTOR.
12. CONTRACTOR SHALL PROVIDE A DISCHARGE AIR TEMPERATURE SENSOR AT THE VAV BOX DISCHARGE WITH ALL ASSOCIATED POWER AND CONTROLS FOR INTERFACE WITH THE LANDLORDS BAS SYSTEM.
**A** **TYPICAL BRANCH DUCT TAKE-OFF**

- **Note:** Use flexible damper on flexible duct connections at (TYP. 4" MIN)
- **Min. Flue 70% of A2.5" of duct
- **Max. Flue 70% of A2.5" of duct

**B** **DUCT TRANSITION**

- **Acoustically Insulated Flexible Duct & Flexible Return Air Duct - Provide Insulation Shield.**
- **Min. Flue 1.5" Width of Branch Duct.**
- **Max. Flue 1.5" Width of Branch Duct**
- **Min. Flue 1.5" Width of Branch Duct**
- **Max. Flue 1.5" Width of Branch Duct**

**C** **DUCT HANGER SUPPORT**

- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**

**D** **TRANSFER DUCT**

- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**

**E** **CEILING DIFFUSER WITH FLEX DUCT**

- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**

**F** **TERMINAL BOX**

- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**

**G** **RETURN AIR GRILLE**

- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
- **Provide Manual Damper with Volume Control for Supply/Return Air Ducts.**
DESTRUCTION NOTES:
1. EQUIPMENT AND PIPING LOCATIONS SHOWN ARE APPROXIMATE AND SHOULD BE CONFIRMED PRIOR TO PERFORMING WORK.
2. PIPING AND DUCTWORK TO BE REMOVED ENDS OF PIPING MUST BE CAPPED OR BLANKED OFF TO PREVENT BACKFILLING WITH DUST OR OTHER FOREIGN MATERIALS.
3. REMOVE EXISTING VAV BOX AND ASSOCIATED APPURTENANCES AND FIELD VERIFY EXACT LOCATION AND SIZE PRIOR TO REMOVAL.
4. REMOVE EXISTING DIFFUSERS/REGISTER/TM AND ASSOCIATED BRANCH DUCTS BACK TO MAIN DUCTS AND CAP/ABANDON IN PLACE.
5. REMOVE VENT PIPING BACK TO NEAREST MAIN AND CAP IN CEILING.
6. INSULATION ON REMAINING PIPE OR DUCT TO BE CLEANED/REPLACED OR REPAIRED TO NEW CONDITION.

EQUIPMENT AND PIPING LOCATIONS SHOWN FROM BEST AVAILABLE INFORMATION.

ROOM 5

1. REQUIREMENTS PRIOR TO COMMENCING WORK.
   - REMOVE EXISTING VAV BOX AND ASSOCIATED APPURTENANCES AND FIELD VERIFY EXACT LOCATION AND SIZE PRIOR TO REMOVAL.
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   - EQUIPMENT AND PIPING LOCATIONS SHOWN FROM BEST AVAILABLE INFORMATION.
GENERAL NOTES:
1. CUTTING, NOTCHING AND BORING OF HOLES IN WALLS, CEILINGS, FLOOR JOISTS AND WALL STUDS IS NECESSARY TO ACCOMMODATE HIS WORK.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING AS REQUIRED TO ACCOMMODATE HIS WORK.
3. PROVIDE LOCKING COVERS FOR T-STATS.
4. MOUNT ALL THERMOSTATS @48" A.F.F. IN ACCORDANCE WITH ADA STANDARDS.
5. VERIFY LOCATION OF ALL THERMOSTATS WITH ARCHITECT PRIOR TO INSTALLATION.
6. EXHAUST OUTLETS SHALL BE LOCATED MIN. OF 10'-0" FROM ANY OUTSIDE AIR INTAKES.
7. THE MECHANICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT AND ROOF PENETRATIONS WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO COMMENCING WORK.
8. THE MECHANICAL CONTRACTOR SHALL COORDINATE LOCATION AND ROUTING OF HVAC EQUIPMENT AND ROOF PENETRATIONS WITH THE ARCHITECT, ARCHITECTURAL ENGINEER AND STRUCTURAL ENGINEER PRIOR TO COMMENCING WORK.
9. PROVIDE TEMPERATURE SENSOR AND WIRING/CONDUIT UP TO NEW VAV BOX AS INDICATED. TIE BACK TO EXISTING RTU/BAS. MATCH BUILDING STANDARDS.
10. PROVIDE DUCTWORK ROUTING SHOWN AS "RUN-AROUND" IS INTENTIONAL FOR NOISE ATTENUATION.
11. PROVIDE MINIMUM 1 MITERED ELBOW AND 1" ACOUSTICAL LINING.
12. DEVICES AND DUCTWORK WITH OTHER TRADES PRIOR TO COMMENCING WORK.
13. VERIFY LOCATION OF ALL THERMOSTATS WITH ARCHITECT PRIOR TO INSTALLATION.
14. THE MECHANICAL CONTRACTOR SHALL COORDINATE LOCATION AND ROUTING OF HVAC EQUIPMENT AND ROOF PENETRATIONS WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO ORDERING.
15. THE MECHANICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT PRIOR TO INSTALLATION.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTINGS AND PATCHINGS AS REQUIRED TO ACCOMMODATE HIS WORK.

ELECTRICAL ROOM

MECHANICAL PLAN

SNHD BEHAVIORAL HEALTH 2
7229 W. Sahara Ave Suite 120
Las Vegas, NV 89117

PH: 702.896.1100
fax. 702.475.4755
www.izdesignstudio.com

MECHANICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT PRIOR TO INSTALLATION. THE CUTTING, NOTCHING AND BORING OF HOLES IN FLOOR JOIST AND WALL STUDS IS NECESSARY TO ACCOMMODATE HIS WORK.

MECHANICAL CONTRACTOR SHALL COORDINATE LOCATION AND ROUTING OF HVAC EQUIPMENT AND ROOF PENETRATIONS WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO ORDERING.

DRAWN BY:
DATE:
PROJECT NUMBER:
CHECKED BY:

M100

SNHD

PE

JUN 16 2023
6/30/2023
6/30/2023

1. PROVIDE SALES REPS TO MANUFACTURERS MAINTAINED AS REQUIRED TO BRING ALL SUBTRADES TO THE SITE TO INTRODUCE, COORDINATE AND ENSURE LOCATION AND ROUTING OF ALL AIR DEVICES Prior To Installation.
2. COMMUNICATE DUCT SUPPLY TO EXISTING DUCT STUB INDICATED. PROVIDE DUCT TRANSITION AS REQUIRED TO MATCH EXISTING FLUE AND LOCATION PRIOR TO COMMENCING WORK.
3. PROVIDE THERMOSTAT SENSOR AND WIRING/CONDUIT UP TO NEW VAV BOX AS REQUIRED TO MATCH EXISTING FLUE AND LOCATION PRIOR TO COMMENCING WORK.
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### PLUMBING SYMBOL LIST

**NOTE:** This is a master schedule. Not all abbreviations contained herein may appear on the drawings.

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>PD</td>
<td>Pressure Drop</td>
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<tr>
<td>MPG</td>
<td>Medium Pressure Gas</td>
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<tr>
<td>GPG</td>
<td>High Pressure Gas</td>
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<td>Hazardous Flow Preventer</td>
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<td>Gas Meter</td>
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<td>Gas Gauge</td>
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<td>GGC</td>
<td>Gas Gauge with Gauge Cock</td>
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<td>GDS</td>
<td>Gas Distribution System</td>
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<td>Gas Service Strees</td>
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<td>Gas Pressure Regulator</td>
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<td>Gas Pressure Test Equipment, Plug Valve</td>
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CONTRACTOR CODE USED IN DESIGN: IBC 2018, UMC-2018, IECC-2018

3.1.3. CONTRACTOR SHALL PROVIDE PRESSURE REDUCING VALVES IN PLUMBING SYSTEMS AS REQUIRED. REQUIRED PRESSURES AT THE OUTLETS MAY BE DETERMINED BY A TECHNICIAN AND SHOWN ON THE DRAWING/ASSEMBLY SHEETS. PRESSURE REDUCING VALVES MUST BE PROVIDED IN THE SYSTEM.

3.1.4. CONTRACTOR SHALL USE DRAINAGE MATERIALS SUCH AS PVC, ABS, WROM, EPOXY AND OTHER MATERIALS AS SPECIFIED AND LISTED IN THE APPROPRIATE DOCUMENTS, AS REQUIRED.

3.1.5. CONTRACTOR SHALL PROVIDE PRESSURE REDUCING VALVES IN PLUMBING SYSTEMS AS REQUIRED. REQUIRED PRESSURES AT THE OUTLETS MAY BE DETERMINED BY A TECHNICIAN AND SHOWN ON THE DRAWING/ASSEMBLY SHEETS. PRESSURE REDUCING VALVES MUST BE PROVIDED IN THE SYSTEM.

3.1.6. CONTRACTOR SHALL PROVIDE PRESSURE REDUCING VALVES IN PLUMBING SYSTEMS AS REQUIRED. REQUIRED PRESSURES AT THE OUTLETS MAY BE DETERMINED BY A TECHNICIAN AND SHOWN ON THE DRAWING/ASSEMBLY SHEETS. PRESSURE REDUCING VALVES MUST BE PROVIDED IN THE SYSTEM.

4. FAIR DISTRIBUTION OF LOADS: 2 FOR 1, 3 FOR 2, AND 4 FOR 3.

4.1. CONTRACTOR SHALL PROVIDE AIR LEAK TESTING IN THE CONTRACTUAL AREA AS REQUIRED.

4.2. CONTRACTOR SHALL PROVIDE AIR LEAK TESTING IN THE CONTRACTUAL AREA AS REQUIRED.

4.3. CONTRACTOR SHALL PROVIDE AIR LEAK TESTING IN THE CONTRACTUAL AREA AS REQUIRED.

5. REVISED DRAWINGS

5.1. CONTRACTOR SHALL PROVIDE AIR LEAK TESTING IN THE CONTRACTUAL AREA AS REQUIRED.

5.2. CONTRACTOR SHALL PROVIDE AIR LEAK TESTING IN THE CONTRACTUAL AREA AS REQUIRED.

5.3. CONTRACTOR SHALL PROVIDE AIR LEAK TESTING IN THE CONTRACTUAL AREA AS REQUIRED.
PLUMBING FIXTURE SPECIFICATIONS

S-1
SINK - ELKAY MODEL LRAD1918, 19"X18"X6" DEEP, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF RIMMING, FAUCET: JUST MANUFACTURING MODEL #JS-20. FOOT PEDAL: JUST MANUFACTURING MODEL #JFV-320, WALL MOUNT, CAST ALUMINUM FOOT PEDALS.

SCHEDULES AND DIAGRAMS

NTS
FLOOR CLEAN OUT
WALL CLEANOUT

WASTE LINE LENGTH TO SUIT
1/8" BEND @ END OF LINE
CLEANOUT

WASTE LINE LENGTH TO SUIT
1/8" BEND @ END OF LINE
CLEANOUT

SEWER PIPE MATERIAL AS SPECIFIED
COUPLING (TYP)
AS REQ'D

CLEANOUT AND ACCESS COVER
TOP OF COVER TO BE FLUSH WITH TOP OF FLOOR

WASTE LINE LENGTH TO SUIT
1/8" BEND @ END OF LINE
CLEANOUT

WASTE LINE LENGTH TO SUIT
1/8" BEND @ END OF LINE
CLEANOUT

MAY EXTEND AS WASTE OR VENT FOR WALL CONST.
RE: ARCH DWGS.
POLISHED S.S.
ACCESS COVER

MAY EXTEND AS WASTE OR VENT FOR WALL CONST.
RE: ARCH DWGS.
POLISHED S.S.
ACCESS COVER

CLEANOUT TEE

COUNTERSUNK SCREW
CLEANOUT PLUG
ELEMENT PLUG
ELEMENT TEE

ELEMENT PLUG
ELEMENT TEE

FOR WALL CONST.
NO ARCH DWGS.

WASTE LINE LENGTH TO SUIT

SCHEDULES AND DIAGRAMS
1. Equipment and piping locations shown from best available information. Changes or additions not shown. See plans for site details to a 1/4" scale.

2. Equipment that is being removed shall become the property of the contractor. All supply lines connected to equipment to be cut off at source. Supply lines not to be extended, except equipment selected by owner. All owner selected equipment shall be tagged and moved by contractor to owner’s storage on site.

3. Where piping or ductwork is to be cut off at a point, it shall be capped or blanked off at that point. Insulation on remaining pipe or duct to be repaired to new condition.

4. Piping connected to equipment that is being removed shall be cut and capped in walls, floors or ceiling so as not to interfere with new construction or equipment.

DEMO/LINATION NOTES:

- All severed sewers lines shall be plugged or capped in an approved manner within 5 ft of the property line.
- All abandoned tanks shall have all sewage removed and completely filled with earth, gravel, concrete, or other approved material. Field verify exact location and requirements prior to commencing work.

SHEET NOTES:

- CORRECTION#1 JUL 31 2023
- 6/30/2025
DEMOLITION NOTES:

1. EQUIPMENT AND PIPING LOCATIONS SHOWN FROM BEST AVAILABLE INFORMATION.
   CONTRACTOR SHALL FIELD VERIFY SIZES AND LOCATIONS.

2. EQUIPMENT THAT IS BEING REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE JOB SITE. OWNER SELECTED EQUIPMENT WILL BE TAGGED AND SHALL BE MOVED BY CONTRACTOR TO OWNER'S STORAGE ON SITE.

3. WATER PIPING OR DUCTWORK TO BE CUT OFF AT A POINT, IT SHALL BE COPPER OR BLANKED OFF AT THAT POINT. INSULATION ON REMAINING PIPING OR DUCT TO BE REMOVED TO MINIMUM.

4. PIPING CONNECTED TO EQUIPMENT THAT IS BEING REMOVED SHALL BE CUT AND COPPER OR LEAD CASTING OR LEAD TO BE REMOVED WITH NEW CONSTRUCTION OR REPLACEMENT.

5. DEMOLITION PLUMBING PLAN

   SHEET NOTES:

   1. REMOVE ALL PLUMBING FIXTURES AND ASSOCIATED APPURTENANCES WITHIN AREA OF WORK. REMOVE SANITARY AND/OR GREASE WASTE PIPING BACK TO BELOW GRADE AND CAP/ABANDON IN PLACE. REMOVE VENT PIPING BACK TO NEAREST MAIN AND CAP/ABANDON ABOVE CEILING. REMOVE DOMESTIC HOT WATER, COLD WATER, AND HOT WATER RETURN PIPING AND ASSOCIATED APPURTENANCES BACK TO NEAREST MAINS AND VALVE/CAP/ABANDON ABOVE CEILING.

   2. REMOVE EXISTING 2" CW AND 1" HW BACK TO POINT OF DISCONNECTION AS INDICATED AND CAP/ABANDON AT A POINT. INSULATION ON REMAINING PIPE OR DUCT TO BE REPAIRED TO NEW CONDITION.

   3. PROVIDE NEW ISOLATION VALVES. VALVES MAY BE LOCATED, SIZE, AND REQUIREMENTS PRIOR TO COMMENCING WORK.

   SHEET NOTES:

   1. REMOVE EXISTING 2" CW AND 1" HW BACK TO POINT OF DISCONNECTION AS INDICATED AND CAP/ABANDON AT A POINT. INSULATION ON REMAINING PIPE OR DUCT TO BE REPAIRED TO NEW CONDITION.

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   4. PROVIDE NEW ISOLATION VALVES. VALVES MAY NOT BE LOCATED, SIZE, AND REQUIREMENTS PRIOR TO COMMENCING WORK.

   5. REMOVE EXISTING 2" CW AND 1" HW BACK TO POINT OF DISCONNECTION AS INDICATED AND CAP/ABANDON AT A POINT. INSULATION ON REMAINING PIPE OR DUCT TO BE REPAIRED TO NEW CONDITION.

   6. PROVIDE NEW ISOLATION VALVES. VALVES MAY NOT BE LOCATED, SIZE, AND REQUIREMENTS PRIOR TO COMMENCING WORK.

   7. REMOVE EXISTING 2" CW AND 1" HW BACK TO POINT OF DISCONNECTION AS INDICATED AND CAP/ABANDON AT A POINT. INSULATION ON REMAINING PIPE OR DUCT TO BE REPAIRED TO NEW CONDITION.

   8. PROVIDE NEW ISOLATION VALVES. VALVES MAY NOT BE LOCATED, SIZE, AND REQUIREMENTS PRIOR TO COMMENCING WORK.

   9. REMOVE EXISTING 2" CW AND 1" HW BACK TO POINT OF DISCONNECTION AS INDICATED AND CAP/ABANDON AT A POINT. INSULATION ON REMAINING PIPE OR DUCT TO BE REPAIRED TO NEW CONDITION.

   10. PROVIDE NEW ISOLATION VALVES. VALVES MAY NOT BE LOCATED, SIZE, AND REQUIREMENTS PRIOR TO COMMENCING WORK.

   11. REMOVE EXISTING 2" CW AND 1" HW BACK TO POINT OF DISCONNECTION AS INDICATED AND CAP/ABANDON AT A POINT. INSULATION ON REMAINING PIPE OR DUCT TO BE REPAIRED TO NEW CONDITION.

   12. PROVIDE NEW ISOLATION VALVES. VALVES MAY NOT BE LOCATED, SIZE, AND REQUIREMENTS PRIOR TO COMMENCING WORK.
GENERAL NOTES:

1. ALL WATER PIPING SHALL BE INSTALLED ON THE INTERIOR SIDE OF THE BUILDING.
2. THE CUTTING, NOTCHING AND DRILLING OF HOLES IN FLOOR JOIST AND WALL STUDS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE INTERNATIONAL BUILDING CODE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL PLUMBING, ELECTRICAL, MIST AND AIR, SPECIALTY TRADES, CLEARANCES TO ARCHITECTURAL DRAWINGS FOR FIXTURES AND EQUIPMENT.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND NOTCHING AS REQUIRED TO ACCOMMODATE THE WORK.
5. PLUMBING CONTRACTOR SHALL COORDINATE EXISTING PIPING WITH ALL OTHER TRADES PRIOR TO COMMENCING WORK.
6. ALL PLUMBING PIPES SHALL BE WATER CONSERVATION TYPE AS MANDATED BY LOCAL BUILDING DEPARTMENT.
7. ALL WATER FIXTURES DESIGNATED AS ACCESSIBLE SHALL BE INSTALLED SUCH THAT THE ACTUATOR IS OPERABLE FROM THE WIDE SIDE OF THE WATER CLOSET.
8. PRIOR TO INSTALLATION OF SEWER AND WATER PIPING BELOW GRADE COORDINATE EXACT LOCATIONS AND DEPTHS OF BURIAL WITH CIVIL AND FOUNDATION DRAWINGS AND CORRESPONDING ENGINEERS.
9. REFER TO THE PLUMBING DIAGRAMS THAT APPLY TO THE WORK ON THIS DRAWING. THESE DIAGRAMS PROVIDE GUIDANCE AS TO INSTALLATION INTENT AND DO NOT NECESSARILY SHOW ALL COMPONENTS REQUIRED.

Connect new 3/4" C/W. HW to existing C/W/HW stubs. Field verify exact size and location prior to commencing work.
Route 3/4" C/HW downs in wall to bank.

Pipes and drain in wall.
Electrical of never below drain and if a vent above drain to nearest easy to access and not more than 3 feet above floor joist, location routing, short connections, and other requirements prior to commencing work.
Provide riser line-size isolating valve main water line field verify exact location.

CONNECT NEW 3/4" C/W. HW TO EXISTING C/W/HW STUBS. FIELD VERIFY EXACT SIZE AND LOCATION PRIOR TO COMMENCING WORK.
ROUTE 3/4" C/W/HW DOWNS IN WALL TO BANK.
PAN AND DRAIN IN WALL.
ELECTRICAL OF NEVER BELOW DRAIN AND IF A VENT ABOVE DRAIN TO NEAREST EASY TO ACCESS AND NOT MORE THAN 3 FEET ABOVE FLOOR JOIST, LOCATION ROUTING, SHORT CONNECTIONS, AND OTHER REQUIREMENTS PRIOR TO COMMENCING WORK.
PROVIDE RISER LINE-SIZE ISOLATING VALVE MAIN WATER LINE FIELD VERIFY EXACT LOCATION.

GENERAL NOTES:

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Provide riser line-size isolating valve main water line field verify exact location.

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PROVIDE RISER LINE-SIZE ISOLATING VALVE MAIN WATER LINE FIELD VERIFY EXACT LOCATION.
1. BUILDING CODES

1.1. GENERAL

1.1.1. WHERE LOCAL CODES REQUIRE?

1.1.2. DISCREPANCIES ARE TO BE RESOLVED.

1.1.3. OTHER LOCAL OR NATIONAL CODES ARE TO BE PRESENTED.

1.1.4. CONTRACTORS ARE TO PROVIDE A COPY OF THE LOCAL CODES.

1.1.5. CONTRACTORS ARE TO PROVIDE A COPY OF THE LOCAL CODES.

1.2. BUILDING CODES

1.2.1. GENERAL

1.2.2.OMATIC EQUIPMENT AND MATERIALS ARE TO BE

1.2.3. ELECTRICAL EQUIPMENT AND MATERIALS ARE TO BE

1.2.4. NAVIGABLE SPACE ARE TO BE

1.2.5. WATER PIPE AND DRAINAGE ARE TO BE

1.2.6. AIR HANDLING ARE TO BE

1.2.7. FUEL INSTALLATIONS ARE TO BE

1.2.8. WATER HEATING SYSTEMS ARE TO BE

1.2.9. GAS FUELS ARE TO BE

1.2.10. ELECTRICAL SYSTEMS ARE TO BE

1.2.11. FURNACE INSTALLATIONS ARE TO BE

1.2.12. VENTILATION SYSTEMS ARE TO BE

1.2.13. GENERAL MECHANICAL SYSTEMS ARE TO BE

1.2.14. VIBRATING MECHANICAL SYSTEMS ARE TO BE

1.2.15. LOAD-WEARING STRUCTURAL SYSTEMS ARE TO BE

1.2.16. LOAD-WEARING NON-STRUCTURAL SYSTEMS ARE TO BE

1.2.17. LOAD-WEARING ROOF SYSTEMS ARE TO BE

1.2.18. LOAD-WEARING WALL SYSTEMS ARE TO BE

1.2.19. LOAD-WEARING FLOOR SYSTEMS ARE TO BE

1.2.20. LOAD-WEARING CEILING SYSTEMS ARE TO BE

1.2.21. LOAD-WEARING MECHANICAL SYSTEMS ARE TO BE

1.2.22. LOAD-WEARING ELECTRICAL SYSTEMS ARE TO BE

1.2.23. LOAD-WEARING HEATING SYSTEMS ARE TO BE

1.2.24. LOAD-WEARING COOLING SYSTEMS ARE TO BE

1.2.25. LOAD-WEARING VENTILATION SYSTEMS ARE TO BE

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1.2.71. LOAD-WEARING ELECTRICAL SYSTEMS ARE TO BE

1.2.72. LOAD-WEARING WATER HEATING SYSTEMS ARE TO BE

1.2.73. LOAD-WEARING FURNACE INSTALLATIONS ARE TO BE

1.2.74. LOAD-WEARING VENTILATION SYSTEMS ARE TO BE

1.2.75. LOAD-WEARING MECHANICAL SYSTEMS ARE TO BE
1. MINIMUM EQUIPMENT A.I.C. RATINGS ARE 14K A.I.C. @ 480/277V AND 10K A.I.C. @ 208/120V UNLESS OTHERWISE NOTED.

2. THE DESIGN PROFESSIONAL HAS PERFORMED ALL REQUIRED SHORT CIRCUIT CALCULATIONS AND THE A.I.C. RATINGS INDICATED FOR EACH DEVICE ARE ADEQUATE TO PROTECT THE EQUIPMENT AND THE ELECTRICAL SYSTEM.


4. PANELBOARD LOAD SUMMARIES INCLUDE ADDITIONAL 25% OF ALL CONTINUOUS AND LARGEST MOTOR LOAD WHERE APPLICABLE.

GENERAL NOTES:

SHEET NOTES:

EXISTING BRANCH CIRCUIT PANELS SHALL BE REMOVED. REMOVAL SHALL INCLUDE BUT IS NOT LIMITED TO BACK CAN, COVER, CIRCUIT BREAKERS, BUSSING, ETC. REMOVE ALL ASSOCIATED BRANCH CIRCUITS.

REMOVE CONDUITS AND CONDUCTORS FROM BRANCH PANEL TO BE DEMOLISHED BACK TO SOURCE.

PROVIDE JUNCTION BOX TO INTERCEPT AND EXTEND EXISTING FEEDER AS INDICATED.

2" - 4 #3/0, 1#6 GND.

EXISTING DISTRIBUTION BOARD SHOWN"
### (2) Lighting Control Panel "ELCP" Schedule

<table>
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<tr>
<th>BREAKER</th>
<th>PANEL LOCATION</th>
<th>VOLTAGE</th>
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### General Notes:
1. All equipment selected must comply with the NEC and the A.I.C.
2. All equipment selected must comply with the NEC and the A.I.C.
3. The design professional has verified all required short circuit calculations and the LCB light panels for both house and adequate to protect the equipment and the electrical system.
4. The design professional has performed all required short circuit calculations and the A.I.C. ratings indicated for each device are adequate.
**LIGHTING FIXTURE SCHEDULE**

1. Fixtures shall be appropriate for the location. Fixtures shall be designed, manufactured, assembled, and labeled in accordance with applicable codes, standards, and safety requirements. Where fixtures and/or lamps are specified by manufacturer and catalog number, the manufacturer's guarantee shall equal or exceed the following performance:

   - Lumen Output
   - Color Temperature
   - Color Rendering Index
   - Power Factor
   - Life
   - Uniformity
   - Functional Life

2. All lamps shall be provided and installed according to the attached fixture schedule and specifications. Ensure compatibility between fixtures, lamps, and ballasts. Ensure all light fixtures are compatible with dimming systems/individual controls. Ensure compatibility of all lighting system components, especially dimmed systems. Required by the specifications, drawings, and project conditions for a complete lighting fixture catalog numbers are series type only. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. Prior to ordering any lighting equipment, the contractor shall coordinate all fixture manufacturer's shop drawings and as required by codes and local ordinances. Fixtures shall include all accessories necessary for installation according to the attached fixture schedule and specifications. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

3. Ensure compatibility of all lighting system components. Ensure compatibility of lighting components with any for local switching in interior ambient: greater than 40°C, 104°F exterior ambient: greater than 50°C, 122°F. Interior ambient: greater than 40°C, 104°F exterior ambient: greater than 50°C, 122°F. Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture. Fixtures shall equal or exceed the following:
   - Lumen Output: downlight = greater than 60, otherwise greater than 90.
   - Color: 2700K or 3000K.
   - Color Rendering Index: greater than or equal to 80.
   - Power Factor: 0.9 or better.
   - Life: greater than or equal to 25,000 hours.
   - Uniformity: (3) McAdams Ellipses.
   - Functional Life: greater than 60,000 hours.
   - Sealed against dust and insect entry.
   - Rated for wet locations.
   - Dimmable as noted.
   - Rated for damp locations.
   - Rated for cold locations.

4. For all fixtures located in food service areas, provide door-to-frame and lens-to-door seal against dust and insect entry. Power factor: 0.9 or better. Manufacturer's guarantee: 5 years.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>LAMP</th>
<th>CENTER</th>
<th>FOOT</th>
<th>MANUFACTURER</th>
<th>SERIES</th>
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<tr>
<td>L1</td>
<td>2' x 4' TROFFER</td>
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<td>METALUX</td>
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5. Lighting fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation.

6. Provide a minimum of two (2) #12 support wires attached to building frame in addition to t-bar clips. For recessed lighting fixtures which are non-IC rated, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

7. Emergency lighting units shall be equipped with factory-installed integral test switches. For all fixtures located in food service areas, provide door-to-frame and lens-to-door seal against dust and insect entry. Power factor: 0.9 or better. Manufacturer's guarantee: 5 years.

8. Lighting fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. Prior to ordering any lighting equipment, the contractor shall coordinate all fixture manufacturer's shop drawings and as required by codes and local ordinances. Fixtures shall include all accessories necessary for installation according to the attached fixture schedule and specifications. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

9. For all fixtures located in food service areas, provide door-to-frame and lens-to-door seal against dust and insect entry. Power factor: 0.9 or better. Manufacturer's guarantee: 5 years.

10. Fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

11. Fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

12. Fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

13. Fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

14. Fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

15. Fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.

16. Fixtures shall be designed and installed as required by the specifications, drawings, and project conditions for complete installation. Provide all necessary hardware as required by the specifications, drawings, and project conditions. Provide approved fire-rated enclosures for all lighting fixtures located in fire-rated locations with architectural reflected ceiling plans and ceiling cavity depths. All electrical wires shall be securely attached to the building frame in addition to t-bar clips. For LED retrofit lamps, provide self-ballasted LED lamps with these characteristics:
   - Power Factor: 0.9 or better.
   - Minimum performance of proposed substitute shall equal or exceed published data of the specified fixture.
**Lighting Compliance Certificate**

**Energy Code:** 2018 IECC

**Project Information**
- Project Name: [EL26]
- Project: Nevada SNHD Behavioral Health
- Project No.: 08.02.2023

**Inspection Checklist**

### 1. High Impact (Tier 1)

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### 3. Low Impact (Tier 3)

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**Lighting Systems**

- Lighting systems have been tested to manufacturers' information, ensuring proper calibration, adjustment, and reduced energy consumption.

**Lighting Plan Details**

- Lighting systems are intended to be installed, separated from general lighting.

**Occupant Sensor Controls**

- Occupancy sensors installed to control the reduction of lighting beyond the aisleway being occupied.

**Daylight-responsive Controls**

- Daylight-responsive controls for individual controls that control the lighting levels, light levels are independent of general area lights.

**Lighting Compliance**

- Lighting plans have been reviewed and approved by the project team.

**Exception**

- Requirement does not apply.

**Location on Plans/Spec**

- Refer to Sheet E300 for more information.
1. The contractor shall remove items as indicated. Removal shall include but is not limited to devices, junction boxes, conduits, conductors, etc., back to source.

2. The contractor shall be responsible to maintain the continuity of all feeders and branch circuits scheduled to remain which may route through the area of demolition.

3. Refer to the architectural drawings for the exact limits of demolition.

General Notes:

Sheet Notes:

Unless otherwise noted, the contractor shall remove all existing electrical, ceiling, masonry, piping, ducting, etc., from the area of demolition to source and return to nearest accessible area. Refer to E002 for additional information.

Existing mechanical unit to be removed. Removal shall include but not be limited to removal of mechanical unit, junction box, conduits, conductors, etc., from unit to point of source. Refer to mechanical drawings for additional information.
1. THE CONTRACTOR SHALL REMOVE ITEMS AS INDICATED. REMOVAL SHALL INCLUDE BUT IS NOT LIMITED TO DEVICE, JUNCTION BOXES, CONDUITS, CONDUCTORS, ETC. BACK TO SOURCE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE CONTINUITY OF ALL FEEDERS AND BRANCH CIRCUITS SCHEDULED TO REMAIN WHICH MAY ROUTE THROUGH THE AREA OF DEMOLITION.

3. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LIMITS OF DEMOLITION.

GENERAL NOTES:

THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE. PATCH AND REPAIR SURFACE AS REQUIRED.

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1. Coordinate the exact location and mounting height for all devices with architectural drawings prior to rough-in.

2. Coordinate with the mechanical contractor all equipment locations prior to rough-in.

3. Verify the color/finish of all devices in public areas with the architect.

4. Refer to ES100 for the location of the IT rack.

5. Voice/data outlet number indicates the number of ports/cables of that outlet.

6. All data and electrical outlets in group rooms, manager, and treatment rooms to be installed with internal intumescent putty pad. Any gaps between electrical boxes and walls shall be filled with fiberglass and sealed with acoustic sealant.

7. All circuits installed in healthcare areas shall contain an additional ground conductor as per NEC Article 517. Branch circuit installed as MC cable shall be medical grade MC cable with redundant ground.

8. All outlets in medical offices, corridors, and waiting rooms to be tamperproof per NEC 406.15(5).

9. Treatment rooms will not be used for medical treatment and do not fall under the requirements of NEC Article 517.

General Notes:

- Extend and connect circuiting from junction box to outlets in areas with the same circuit number. Route #12 conductors (minimum) throughout and provide & install two (2) CAT6 cable to 4S junction box for TV via 1" conduit with bushing stub above ceiling to IT rack. Coordinate mounting location with architectural drawings prior to rough-in.

- Junction box for connection to wireless access point. Route 1/2" conduit to location with owner's representative prior to rough-in.

- Route 1/2" conduit with CAT6 cable (number of cables as indicated) to TR #122. All low voltage cables to be plenum rated.

- Route 1/2" conduit with low voltage cables from TR #122 to TR #120. All low voltage cables to be plenum rated.

Sheet Notes:

- Route 1/2" conduit with low voltage cables from TR #122 to TR #120. All low voltage cables to be plenum rated.
1. The contractor shall refer to the architectural drawings for the exact mounting location of all devices prior to rough-in.

2. All exit/emergency lighting to be circuited ahead of local switches.

3. All light fixtures scheduled with a battery pack or designated NL shall be circuited with an un-switched hot conductor.

4. The contractor shall install a neutral conductor for all occupancy sensors per Section 404.2.C of NEC.

Sheet Notes:

Extends the continuity circuiting from the junction box to luminaires in areas where the circuit number, circuit conductor, or circuit path is interrupted, as required.