

**CAMDEN FAMILY HEALTH, INC.
NICHOLAS COUNTY, WEST VIRGINIA
CAMDEN-ON-GAULEY RICHWOOD CLINIC**

ADDENDUM #3

June 30, 2022

THRASHER PROJECT #060-10260

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Tuesday, June 21, 2022 on the above-referenced project. The following are clarifications and responses to questions posed by contractors for the above reference project.

A. GENERAL

A cut sheet for the dental air compressor is included in this addendum.

B. SPECIFICATIONS

Updated Division 123216 Section 2.1.A

C. DRAWINGS

Sheets A1.02, A1.03, A4.01, A6.01

D. QUESTIONS AND RESPONSES

QUESTION

1. Could Southern Cabinetry, Inc. be listed in the casework spec as an acceptable manufacturer?

RESPONSE

Southern Cabinetry, Inc. can be included as an acceptable manufacturer. Division 123216 Section 2.1.A shall be revised to include Southern Cabinetry, Inc.

QUESTION

2. On the REVISED Page #A6.01 "Door Schedule", Doors 210, 211, 212, 213, 215, 216, 221 & 222 says Door Type 'T' but there is no Type 'T' elevation. Please clarify.

RESPONSE

This is production error from the drafting program. The door type shall be Type "F."

QUESTION

3. On Page #A1.01 "Ground Floor Plan – Demolition", Keyed Note #10 states to remove existing ceiling w/ grid for the BASE BID with the exception of a closet/storage area. On Page #A1.05 "Ground Floor RCP – New", Alternate Note #1 states that all acoustical ceiling tile and grid are in ALTERNATE #1. Should the

alternate not be accepted, please confirm that the contractor is to leave the ground floor rooms with no ceiling finish and open to structure above.

RESPONSE

This is confirmed for all locations on the ground where gypsum board ceiling is not specified.

QUESTION

4. On Page #A1.05 “Ground Floor RCP – New”, please clarify if the painting of existing drywall ceiling and bulkhead are included in base bid or alternate.

RESPONSE

Painting the existing drywall ceiling and new bulkhead is not included in the base bid. As a clarification, the new bulkhead is only included in Alternate #1; therefore painting will be included if Alternate #1 is accepted.

QUESTION

5. On Page #A4.01 “Interior Elevations (Restrooms)”, Keyed Note #s: 2, 3, 7, 8, 12, 13 & 14 are not tagged. Please clarify if these items are in scope.

RESPONSE

These items are not included and shall be omitted.

QUESTION

6. On In Addendum #1, Q/A #13 asked about the Utility Shelf in specifications but not addressed in the response. Please clarify if this item is in scope.

RESPONSE

The utility shelf is included in the scope. Please provide a stainless steel unit from the same manufacturer of the mop and broom holder. Shelf shall be installed on the opposite wall of the of the mop and broom holder. Mount shelf 48” above finish floor.

QUESTION

7. Could casework elevations be provided for Room #223 “Reception”?

RESPONSE

Sheet A1.04 provides adequate dimensions for quantitative take-offs. The countertop is “L” shaped with no cabinets below. The countertop shall be mounted at 30” above finish floor. The countertop shall be support by brackets and wall blocking such that non interfere with seating aligned with the reception windows.

QUESTION

8. On Page #A1.03 “Ground Floor Plan – New”, are the Dental Air/Vacuum Equipment & Panoramic X-Ray Unit Owner supplied/Contractor Installed? If not, could the basis of design be given?

RESPONSE

The Dental Air/Vacuum Equipment & Panoramic X-Ray Unit shall be owner supplied and owner installed. The final plumbing and electrical hookups shall be performed by the contractor.

QUESTION

9. Drawing A1.03 Note 1,6 and 7 Dental equipment “Owner to order and contractor to receive and install”. We have never installed the dental equipment that was always done by supplier. Please confirm that we are to install?

RESPONSE

Please see response provided in the previous question.

QUESTION

10. Is med gas certification required for air and vacuum lines?

RESPONSE

Yes, med gas certification is required for the air and vacuum lines.

QUESTION

11. Can specs be provided for med air compressor?

RESPONSE

A cut sheet for the product is provided. It is model number P-22.

QUESTION

12. Drawing A1.05 says mechanical equipment and lighting shall be included in base bid.

- a. Looks like the mechanical equipment is included in base bid. Please confirm
- b. E3.00 says lighting is part of the alternate. Please confirm.

RESPONSE

Mechanical equipment is included in the Base Bid.

Lighting is only included in Alternate #1. The existing lighting would be reused on the ground if Alternate #1 is not executed.

QUESTION

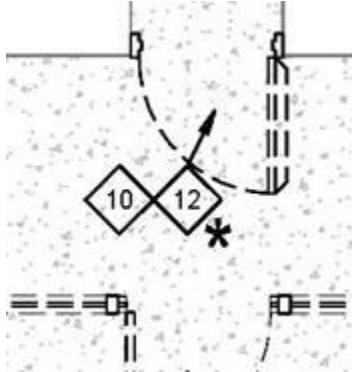
13. Drawing A1.03 note 8 “remove or construct on top of existing stair” Please explain.

RESPONSE

Please clarify location of this statement. “Remove or construct on top of existing stair” cannot be identified on Sheet A1.03.

QUESTION

14. Please see question below:



On the demo pages there are several keynotes like pictured above. Please clarify if this means both notes attached are a part of alternate #1 or if note 12, for example, is a part of alternate #1.

RESPONSE

Asterisk identifies that Sheet Keynote #12 is a part of Alternate #1. Sheet Keynote #10 is not a part of Alternate #1. Other locations with multiple sheet keynotes will follow the same rule. An asterisk must be placed next to each sheet keynote.

QUESTION

15. Please see question below: On Page #A1.02 “First Floor Demo”, the vault room is tagged with Note 10 indicating to remove the existing ceiling, but on Page #A1.06 “First Floor RCP”, it shows only to remove a portion of the ceiling. Please clarify if we are to remove the entire ceiling or just a certain amount.

RESPONSE

On Sheet A1.02, Sheet Keynote #10 shall be omitted in the existing vault room. To clarify, removing a portion of the existing ceiling is related to providing an opening for the new supply air duct.

QUESTION

16. Does the 151 days to substantial completion only apply to the base bid? If so, could the amount of additional days be provided should the alternate be accepted?

RESPONSE

The amount of days to substantial complete does include Alternate #1.

CLARIFICATIONS

If you have any questions or comments, please feel free to contact me at your earliest convenience. As a reminder, bids will be received until **1:30 p.m. on Tuesday, July 19, 2022** at Camden Family Health, 10003 Webster Road, Camden-On-Gauley, WV 26208. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



CASEY ARTHUR, MBA, AIA, NCARB, LEED AP
Senior Architect



SECTION 123216 - MANUFACTURED PLASTIC-LAMINATE-CLAD CASEWORK

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes plastic-laminate-clad cabinets of stock design.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Sustainable Design Submittals:
 - 1. Product Data: For adhesives, indicating that product contains no urea formaldehyde.
 - 2. Product Data: For composite wood products, indicating compliance with requirements for formaldehyde emissions.
- C. Shop Drawings: For plastic-laminate-clad casework.
- D. Samples: For casework and hardware finishes.

1.4 INFORMATIONAL SUBMITTALS

- A. Sample warranty.

1.5 QUALITY ASSURANCE


- A. Installer Qualifications: An authorized representative who is trained and approved by manufacturer.

1.6 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of casework that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1. Chandler.
 2. Advanced Cabinet Systems (ACS).
 3. Diversified Fixture.
 4. Hausmann Industries, Inc.
 5. Mica-Tec.
 6. Terrill Manufacturing Company.
 7. Windham Millwork, Inc.
 8. Southern Cabinetry, Inc. 

2.2 CASEWORK, GENERAL

- A. Quality Standard: Unless otherwise indicated, comply with the AWI/AWMAC/WT's "Architectural Woodwork Standards" for grades of casework indicated for construction, finishes, installation, and other requirements.
1. Grade: Custom.
 2. Provide inspections of casework fabrication and installation together with labels and certificates from AWI certification program indicating that casework complies with requirements of grades specified.
- B. Product Designations: Drawings indicate sizes, configurations, and finish materials of manufactured plastic-laminate-clad casework by referencing designated manufacturer's catalog numbers. Other manufacturers' casework of similar sizes and door and drawer configurations, of same finish materials, and complying with the Specifications may be considered. See Section 016000 "Product Requirements."

2.3 PLASTIC-LAMINATED-FACED CABINETS

- A. Design: Frameless cabinet construction with the following door and drawer-front style:
1. Flush overlay.
- B. Grain Direction for Wood-Grain Plastic Laminate:
1. Doors: Vertical with continuous vertical matching.
 2. Drawer Fronts: Vertical with continuous vertical matching.
 3. Face Frame Members: Lengthwise.
 4. End Panels: Vertical.
 5. Bottoms and Tops of Units: Side to side.
 6. Knee Space Panels: Vertical.
 7. Aprons: Horizontal.

C. Exposed Materials:

1. Plastic-Laminate Grade: HGL.
 - a. Colors and Patterns: As selected by Architect from manufacturer's full range.
2. Edgebanding: Plastic laminate matching adjacent surfaces.

D. Semiexposed Materials:

1. Plastic Laminate: Grade VGS unless otherwise indicated. Provide plastic laminate for semiexposed surfaces unless otherwise indicated.
 - a. Colors and Patterns: As selected by Architect from manufacturer's full range.
 - b. Provide plastic laminate of same grade as exposed surfaces for interior faces of doors and drawer fronts and other locations where opposite side of component is exposed.
2. Unless otherwise indicated, provide specified edgebanding on all semiexposed edges.

E. Concealed Materials:

1. Plywood: Hardwood plywood.
2. Particleboard.
3. MDF.

2.4 MATERIALS

A. Composite Wood Products: Formaldehyde emission rates shall not be greater than the following when tested according to ASTM D 6007 or ASTM E 1333:

1. Hardwood Plywood: 0.05 ppm.
2. Particleboard: 0.09 ppm.
3. MDF More Than 5/16 Inch (8 mm) Thick: 0.11 ppm.
4. MDF 5/16 Inch (8 mm) or Less in Thickness: 0.13 ppm.

B. Maximum Moisture Content for Lumber: 7 percent for hardwood and 12 percent for softwood.

C. Hardwood Plywood: HPVA HP-1, particleboard core except where veneer core is indicated.

D. Softwood Plywood: DOC PS 1.

E. Particleboard: ANSI A208.1, Grade M-2.

F. MDF: Medium-density fiberboard, ANSI A208.2, Grade 130.

G. Plastic Laminate: High-pressure decorative laminate complying with NEMA LD 3.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Arborite.

- b. Formica Corporation.
- c. Lamin-Art, Inc.
- d. Nevamar; a Panolam Industries International, Inc. brand.
- e. Pionite, a Panolam Industries International, Inc. brand.
- f. Wilsonart LLC.

H. Adhesives: Do not use adhesives that contain urea formaldehyde.

2.5 CASEWORK HARDWARE AND ACCESSORIES

- A. Hardware, General: Unless otherwise indicated, provide manufacturer's standard satin-finish, commercial-quality, heavy-duty hardware.
 - 1. Use threaded metal or plastic inserts with machine screws for fastening to particleboard except where hardware is through-bolted from back side.
- B. Frameless Concealed Hinges (European Type): BHMA A156.9, Type B01602, self-closing.
- C. Wire Pulls: Solid stainless-steel wire pulls, fastened from back with two screws.
- D. Door Catches: Zinc-plated, nylon-roller spring catch or dual, self-aligning, permanent magnet catch.
- E. Door and Drawer Bumpers: Self-adhering, clear silicone rubber.
- F. Drawer Slides: BHMA A156.9, Type B05091.
- G. Drawer and Hinged-Door Locks: Cylindrical (cam) type, five-pin tumbler, brass with chrome-plated finish, and complying with BHMA A156.11, Grade 1.
 - 1. Provide a minimum of two keys per lock and six master keys.
 - 2. Provide locks on every door and drawer.
 - a. Masterkey for up to 500 key changes.
- H. Adjustable Shelf Supports: Single-pin metal shelf rests complying with BHMA A156.9, Type B04013.

PART 3 - EXECUTION

3.1 CASEWORK INSTALLATION

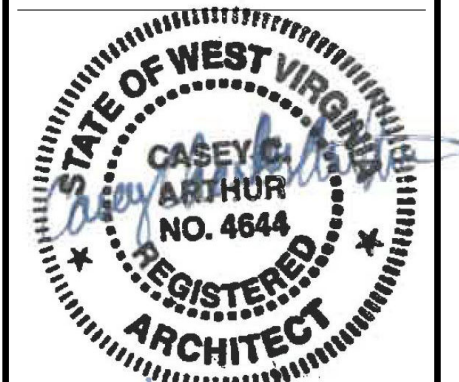
- A. Grade: Install casework to comply with same quality standard grade as item to be installed.
- B. Install casework level, plumb, and true in line; shim as required using concealed shims. Where casework abuts other finished work, apply filler strips and scribe for accurate fit, with fasteners concealed where practical.

- C. Base Cabinets: Set cabinets straight, level, and plumb. Adjust subtops within 1/16 inch of a single plane. Align similar adjoining doors and drawers to a tolerance of 1/16 inch. Bolt adjacent cabinets together with joints flush, tight, and uniform.
- D. Wall Cabinets: Hang cabinets straight, level, and plumb. Adjust fronts and bottoms within 1/16 inch of a single plane. Fasten cabinets to hanging strips, masonry, framing, wood blocking, or reinforcements in walls and partitions. Align similar adjoining doors to a tolerance of 1/16 inch.
- E. Fasten casework to adjacent units and to masonry, framing, wood blocking, or reinforcements in walls and partitions to comply with the AWI/AWMAC/WI's "Architectural Woodwork Standards."
- F. Install hardware uniformly and precisely. Set hinges snug and flat in mortises unless otherwise indicated. Adjust and align hardware so moving parts operate freely and contact points meet accurately. Allow for final adjustment after installation.
- G. Adjust operating hardware so doors and drawers operate smoothly without warp or bind. Lubricate operating hardware as recommended by manufacturer.
- H. Clean finished surfaces, touch up as required, and remove or refinish damaged or soiled areas to match original factory finish, as approved by Architect.

END OF SECTION 123216

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6/1/2022

NO.	BY	DATE	DESCRIPTION
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06/30/2022 - Addendum #3

COG RICHWOOD CLINIC RENOVATIONS
 CAMDEN FAMILY HEALTH
 RICHWOOD, WV
 JUNE 1, 2022
 CONSTRUCTION DOCUMENTS

DRAWN: SGF DATE: 6/1/2022
 CHECKED: CCA DATE: 6/1/2022
 APPROVED: CCA DATE: 6/1/2022

PROJECT No. 060-10280

FIRST FLOOR PLAN - DEMOLITION

SHEET No.

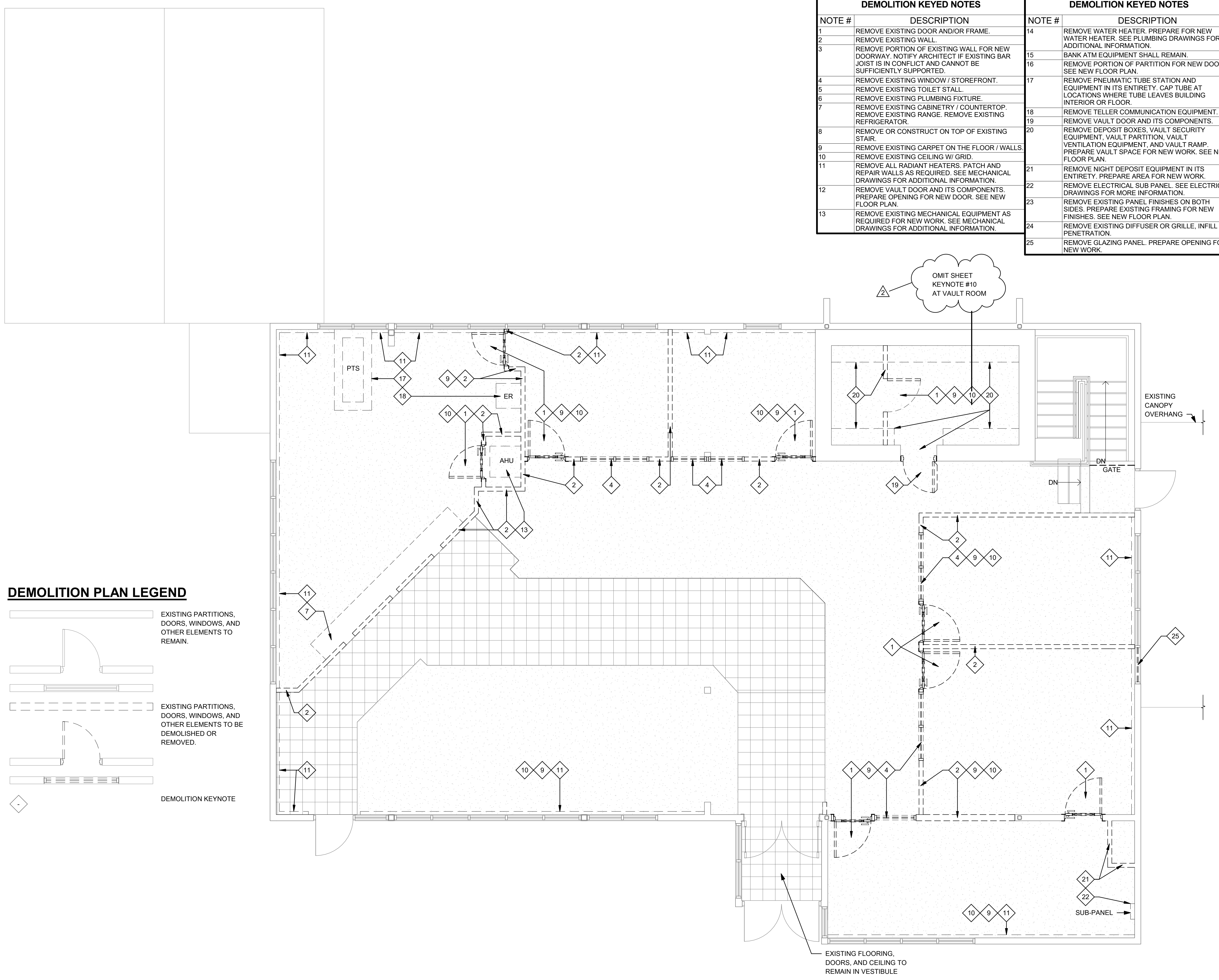
A1.02

GENERAL DEMOLITION PLAN NOTES

- ALL DEMOLITION WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS.
- THE DEMOLITION PLANS ARE INTENDED TO REASONABLY REPRESENT EXISTING CONDITIONS. ACTUAL CONDITIONS MAY DEVIATE FROM THAT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL VISIT THE JOBSITE AND VERIFY ACTUAL CONDITIONS AND COORDINATE THE DEMOLITION WORK WITH THE NEW WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR INSURING THE STRUCTURAL STABILITY OF THE EXISTING BUILDING IN THE AREAS INVOLVING NEW WORK OR FOR PROTECTING THE EXISTING BUILDING FROM DAMAGE DURING THE COURSE OF THE WORK.
- PROTECT ALL ITEMS TO REMAIN. PATCH AND REPAIR ALL ITEMS AND FINISHES TO REMAIN IF DAMAGED. VOIDS OR DAMAGES TO EXISTING STRUCTURES, FINISHES, AND/OR SITE/SITE ITEMS TO REMAIN MUST BE REPAIRED TO MATCH OR EXCEED EXISTING CONSTRUCTION.
- CONTRACTOR TO PROVIDE TEMPORARY ENCLOSURE FOR ALL EXTERIOR OPENINGS.
- CONTRACTOR TO COORDINATE DEMOLITION WITH ALL OTHER SHEETS AND DOCUMENTS.
- DIMENSIONS GIVEN AS REFERENCE ONLY. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AS NECESSARY TO FULFILL THE INTENT/SCOPE OF THE WORK PRIOR TO COMMENCING THE WORK.
- COORDINATE ALL EXISTING BUILDING AND SITE UTILITIES WITH ALL DOCUMENTS. DISRUPTION OF ANY UTILITY AND/OR SERVICE NOT ADDRESSED IN THE CONSTRUCTION DOCUMENTS MUST BE APPROVED BY THE ARCHITECT/OWNER BEFORE DISRUPTION.
- CONTRACTOR SHALL DISPOSE OF ALL DEMOLISHED MATERIAL IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE LAWS.
- CAP ALL UTILITIES AS REQUIRED INSIDE OF WALL OR BELOW FINISH FLOOR. CONFIRM WITH ARCHITECT.
- ALL REMOVALS AND SALVAGE: SALVAGEABLE ITEMS SHALL FIRST BE OFFERED TO THE OWNER. SALVAGEABLE ITEMS THAT ARE NOT RETAINED BY THE OWNER SHALL BECOME PROPERTY OF THE CONTRACTOR & SHALL BE LEGALLY DISPOSED OF OFF SITE.
- REMOVE ONLY NON-LOAD BEARING CONSTRUCTION AND PARTITIONS. CONTRACTOR TO VERIFY AND CONTACT ARCHITECT IF REQUIRED FOR VERIFICATION, PRIOR TO REMOVAL. THAT NO STRUCTURAL COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC., SUPPORTING FLOOR, ROOF OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTOR'S NON-CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATES HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK IS BEING ALTERED UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL PREPARE A DEMOLITION PLAN FOR REMOVAL, ON-SITE TEMPORARY PLACEMENT, AND FINAL DISPOSAL OF MATERIALS. PLAN SHALL ALSO INDICATE PROTECTIVE MEASURES AT EXISTING UTILITY SERVICES, SITE HARDSCAPE, AND LANDSCAPE ELEMENTS TO REMAIN.
- DEMOLITION INCLUDES ALL COMPONENTS, MATERIALS, FINISHES, FIXTURES, AND EQUIPMENT TO LIMIT SHOWN IN DRAWINGS AS REQUIRED FOR NEW WORK. THE CONTRACTOR SHALL COORDINATE EXTENT OF DEMOLITION TO SCOPE OF NEW WORK. REFER TO DRAWINGS IN THIS SET FOR INCIDENTAL WORK NOT SHOWN IN DEMO PLAN.
- STRUCTURAL COLUMNS, SLABS, ROOF STRUCTURE, AND EXTERIOR MASONRY WALLS SHOWN TO REMAIN SHALL BE PROTECTED FROM WEATHER OR EQUIPMENT DAMAGE DURING DEMOLITION PROCESSES. THE CONTRACTOR SHALL PROVIDE SHORING AND BRACING AS REQUIRED TO ENSURE NO STRUCTURAL ELEMENTS ARE OVERLOADED.
- THE CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF ACCUMULATIONS OF WASTE MATERIAL AND DEBRIS CAUSED BY DEMOLITION OPERATIONS AT ALL TIMES. CONTROL SPREAD OF DUST TO THE SURROUNDING AREAS. DO NOT STOCKPILE DEMOLISHED MATERIALS ON SITE UNLESS IN PROPER WASTE CONTAINERS.
- THE CONTRACTOR SHALL PREPARE EXISTING CEILING, MECHANICAL EQUIPMENT, ELECTRICAL, AND PLUMBING FOR NEW WORK. SEE NEW FLOOR PLAN AND REFLECTED CEILING PLAN.
- UNLESS NOTED OTHERWISE, ALL DASHED WALLS AND DOORS IN THE PROJECT WORK AREA REPRESENT EXISTING CONSTRUCTION TO BE REMOVED OR DEMOLISHED.
- REMOVE ALL FLOORING IN PROJECT WORK AREA. PREPARE AREA FOR NEW FLOORING. SEE NEW FIRST FLOOR PLAN.
- REMOVE ALL VINYL, FABRIC, AND CARPET WALLCOVERINGS IN PROJECT. EXISTING WALLS TO REMAIN SHALL BE PREPARED TO BE PAINTED.
- REMOVE ALL CEILING, LIGHTING, CEILING-MOUNTED MECHANICAL EQUIPMENT, AND CEILING-MOUNTED ELECTRICAL EQUIPMENT IN PROJECT. PREPARE EACH FLOOR TO RECEIVE NEW CEILING AND EQUIPMENT. SEE REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING WALL FINISHES AS REQUIRED TO REPLACE EXISTING RESIDENTIAL GRADE ELECTRICAL WIRING. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

DEMOLITION KEYED NOTES	
NOTE #	DESCRIPTION
1	REMOVE EXISTING DOOR AND/OR FRAME.
2	REMOVE EXISTING WALL.
3	REMOVE PORTION OF EXISTING WALL FOR NEW DOORWAY. NOTIFY ARCHITECT IF EXISTING BAR JOIST IS IN CONFLICT AND CANNOT BE SUFFICIENTLY SUPPORTED.
4	REMOVE EXISTING WINDOW / STOREFRONT.
5	REMOVE EXISTING TOILET STALL.
6	REMOVE EXISTING PLUMBING FIXTURE.
7	REMOVE EXISTING CABINETS / COUNTERTOP. REMOVE EXISTING REFRIGERATOR.
8	REMOVE OR CONSTRUCT ON TOP OF EXISTING STAIR.
9	REMOVE EXISTING CARPET ON THE FLOOR / WALLS.
10	REMOVE EXISTING CEILING W/ GRID.
11	REMOVE ALL RADIANT HEATERS. PATCH AND REPAIR WALLS AS REQUIRED. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
12	REMOVE VAULT DOOR AND ITS COMPONENTS. PREPARE OPENING FOR NEW DOOR. SEE NEW FLOOR PLAN.
13	REMOVE EXISTING MECHANICAL EQUIPMENT AS REQUIRED FOR NEW WORK. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

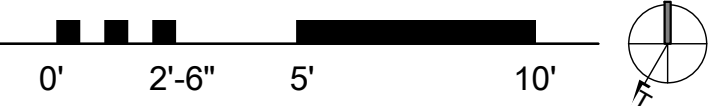
DEMOLITION KEYED NOTES	
NOTE #	DESCRIPTION
14	REMOVE WATER HEATER. PREPARE FOR NEW WATER HEATER. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
15	BANK ATM EQUIPMENT SHALL REMAIN.
16	REMOVE PORTION OF PARTITION FOR NEW DOOR. SEE NEW FLOOR PLAN.
17	REMOVE PNEUMATIC TUBE STATION AND EQUIPMENT IN ITS ENTIRETY. CAP TUBE AT LOCATIONS WHERE TUBE LEAVES BUILDING INTERIOR OR FLOOR.
18	REMOVE TELLER COMMUNICATION EQUIPMENT.
19	REMOVE VAULT DOOR AND ITS COMPONENTS.
20	REMOVE DEPOSIT BOXES, VAULT SECURITY EQUIPMENT, VAULT PARTITION, VAULT VENTILATION EQUIPMENT, AND VAULT RAMP. PREPARE VAULT SPACE FOR NEW WORK. SEE NEW FLOOR PLAN.
21	REMOVE NIGHT DEPOSIT EQUIPMENT IN ITS ENTIRETY. PREPARE AREA FOR NEW WORK.
22	REMOVE ELECTRICAL SUB PANEL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
23	REMOVE EXISTING PANEL FINISHES ON BOTH SIDES. PREPARE EXISTING FRAMING FOR NEW FINISHES. SEE NEW FLOOR PLAN.
24	REMOVE EXISTING DIFFUSER OR GRILLE, INFILL PENETRATION.
25	REMOVE GLAZING PANEL. PREPARE OPENING FOR NEW WORK.



DEMOLITION PLAN LEGEND

- EXISTING PARTITIONS, DOORS, WINDOWS, AND OTHER ELEMENTS TO REMAIN.
- EXISTING PARTITIONS, DOORS, WINDOWS, AND OTHER ELEMENTS TO BE DEMOLISHED OR REMOVED.
- DEMOLITION KEYNOTE

1 FIRST FLOOR PLAN - DEMOLITION
 A1.02 1/4" = 1'-0"



LAYOUT TAB - FIRST FLOOR PLAN - DEMOLITION
 CAD FILE: R:\060060\10960\05\05\05\Richwood Clinic-Camden Family Health-Demolition\REV\Richwood Clinic Building-Continued (3-28-22).rvt
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 06/30/2022 - Addendum #3

**ALTERNATE #1
GENERAL NOTES**

1. ALTERNATE #1 IS PRIMARILY ARCHITECTURAL SCOPE OF WORK FOR GROUND FLOOR DEMOLITION AND GROUND FLOOR NEW WORK.
2. ALL KEYNOTES AND OTHER ANNOTATION DENOTED WITH AN (*) SHALL BE PART OF ALTERNATE #1.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL SCOPE INFORMATION FOR ALTERNATE #1.
4. IF CONFLICT OCCURS BETWEEN BASE BID SCOPE AND ALTERNATE #1, NOTIFY ARCHITECT PRIOR TO EXECUTING WORK.

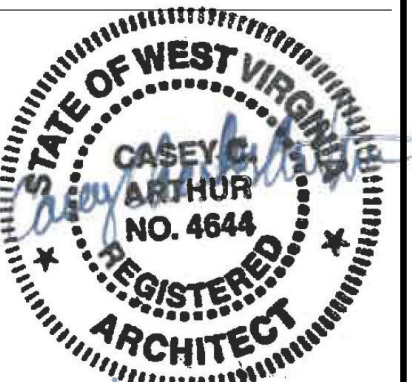
**GENERAL NEW FLOOR
PLAN NOTES**

1. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF ANY ON SITE ACTIVITIES.
2. DIMENSIONS ARE TO FACE OF CMU, FACE OF STUD, OR CENTER OF STUD.
3. INSTALL SUPPORT WOOD BLOCKING IN NEW WALLS TO RECEIVE WALL-MOUNTED ITEMS. SUPPORT WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED.
4. PREPARE ALL NEW AND EXISTING WALL SURFACES TO RECEIVE SCHEDULED FINISH.
5. FINISH FLOOR MATERIAL TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR.
6. ALL FURNITURE, DENTAL EQUIPMENT, AND X-RAY SHALL BE SUPPLIED BY THE OWNER AND INSTALLED BY THE OWNER. CONTRACTOR SHALL COORDINATE PLUMBING LINES AND ELECTRICAL CONDUIT WITH DENTAL EQUIPMENT AND X-RAY EQUIPMENT. SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION ABOUT BUILDING SYSTEMS.
8. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF THERE IS A CONFLICT WITH THE EXISTING STRUCTURE AND INSTALLATION OF NEW WORK.
9. ALL WALLS WITH PLUMBING EQUIPMENT SHALL RECEIVE MOISTURE-RESISTANT GYPSUM BOARD.

THRASHER

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6/1/2022

CONSTRUCTION KEYED NOTES

NOTE #	DESCRIPTION
1	DENTAL BAY CENTER CONSOLE WITH SINK. BASIS-OF-DESIGN: HENRY SCHEIN. OWNER TO FURNISH AND INSTALL. CONTRACTOR SHALL COORDINATE ELECTRICAL AND PLUMBING REQUIREMENTS.
2	PHARMACY DRIVE-THROUGH TRANSACTION BOX. BASIS-OF-DESIGN: BAVIS MBD-900. CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS.
3	SPECIMEN PASS-THROUGH BOX, STAINLESS STEEL. BASIS-OF-DESIGN: BOBRICK S-605.
4	INSTALL NEW 5/8" TYPE X GYPSUM BOARD TO EXISTING FRAMING UP TO DECK. FIRESTOP ALL PENETRATIONS.
5	INSTALL NEW 45 MIN. RATED DOOR.
6	HYGIENIST WORKSTATION. BASIS-OF-DESIGN: HENRY SCHEIN. OWNER TO ORDER AND INSTALL. CONTRACTOR SHALL COORDINATE ELECTRICAL AND PLUMBING REQUIREMENTS.
7	DENTAL CHAIR WITH LIGHT. BASIS-OF-DESIGN: HENRY SCHEIN. OWNER TO ORDER AND INSTALL. CONTRACTOR SHALL COORDINATE ELECTRICAL AND PLUMBING REQUIREMENTS.
8	PREPARE PARTITION FOR WALL MOUNTED TV. PROVIDE POWER AND DATA. SEE ELECTRICAL DRAWINGS.

**NEW CONSTRUCTION PLAN
LEGEND**

	EXISTING PARTITIONS, DOORS, WINDOWS, AND OTHER ELEMENTS TO REMAIN.
	NEW CONSTRUCTION PARTITIONS, DOORS, WINDOWS, AND OTHER ELEMENTS.
	ELEVATION
	NEW CONSTRUCTION KEYNOTE
	SECTION
	WALL TAG
	DOOR TAG
	WINDOW TAG

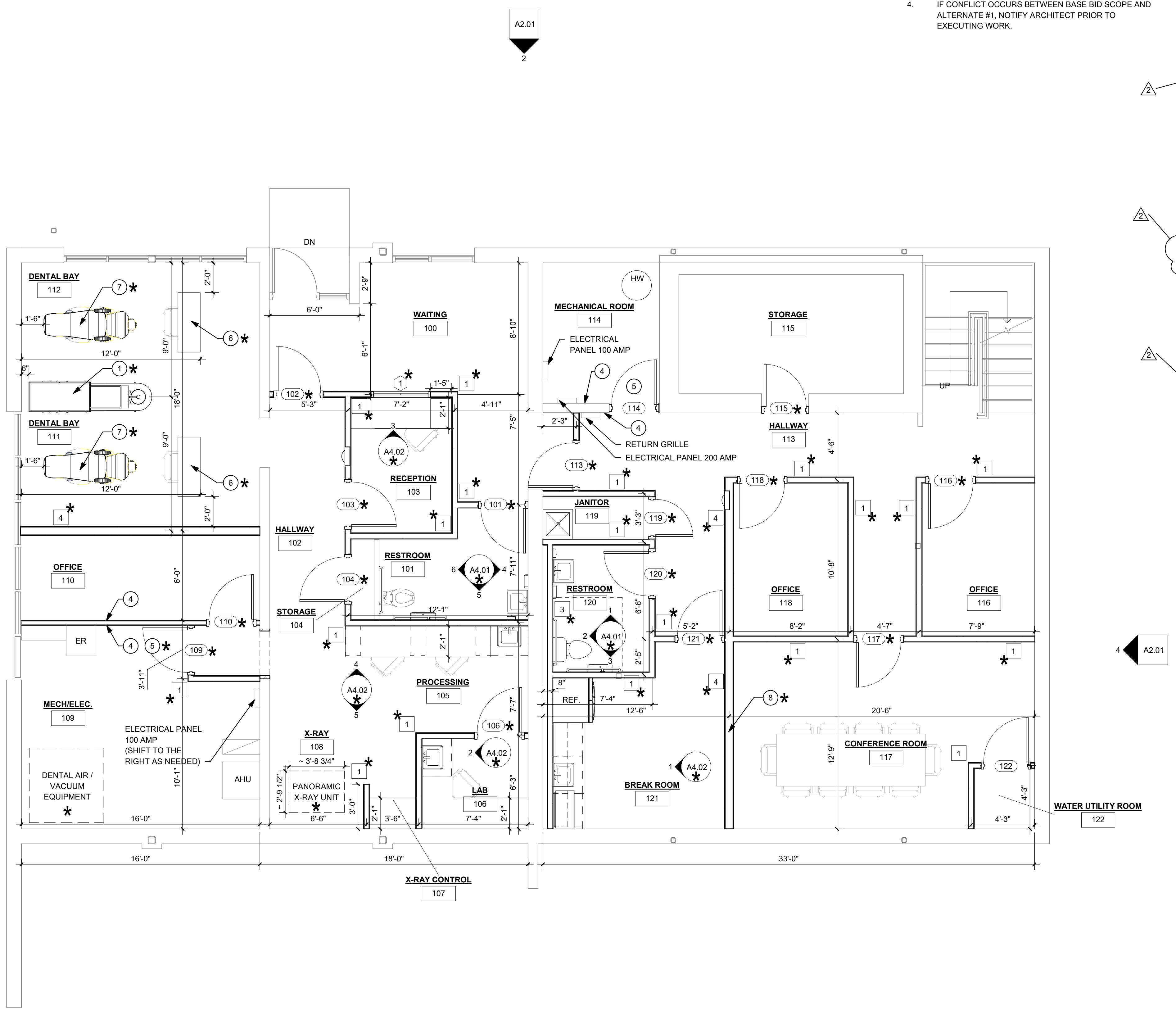
NO.	BY	DATE	DESCRIPTION

**COG RICHWOOD CLINIC
RENOVATIONS**
CAMDEN FAMILY HEALTH
RICHWOOD, WV
JUNE 1, 2022
CONSTRUCTION DOCUMENTS

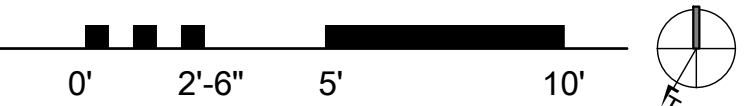
DRAWN: SGF DATE: 6/1/2022
CHECKED: CCA DATE: 6/1/2022
APPROVED: CCA DATE: 6/1/2022
PROJECT No. 060-10280

GROUND FLOOR PLAN - NEW

SHEET No. **A1.03**



1 GROUND FLOOR PLAN - NEW
1/4" = 1'-0"



A2.01

LAYOUT TAB: GROUND FLOOR PLAN - NEW
CAD FILE: R:\060060\10960\00-Camden on Guiley\Richwood Clinic-Camden Family Health-Drawing\REV\WV\Richwood Bank Building Continued (3-28-22).rvt
PLOT DATE/TIME: 6/30/2022 1:18:37 PM
USER: SGF

LAYOUT TAB - INTERIOR ELEVATIONS
 CAD FILE: R:\061050\10980\05\0206\05\CadFiles\Richwood Clinic-Camden Family Health-Drawings\REVIT\Richwood Clinic Building Continued (3-28-22).rvt
 PLOT DATE/TIME: 6/30/2022, 12:46:13 PM
 USER: SGF

GENERAL RESTROOM ELEVATION NOTES

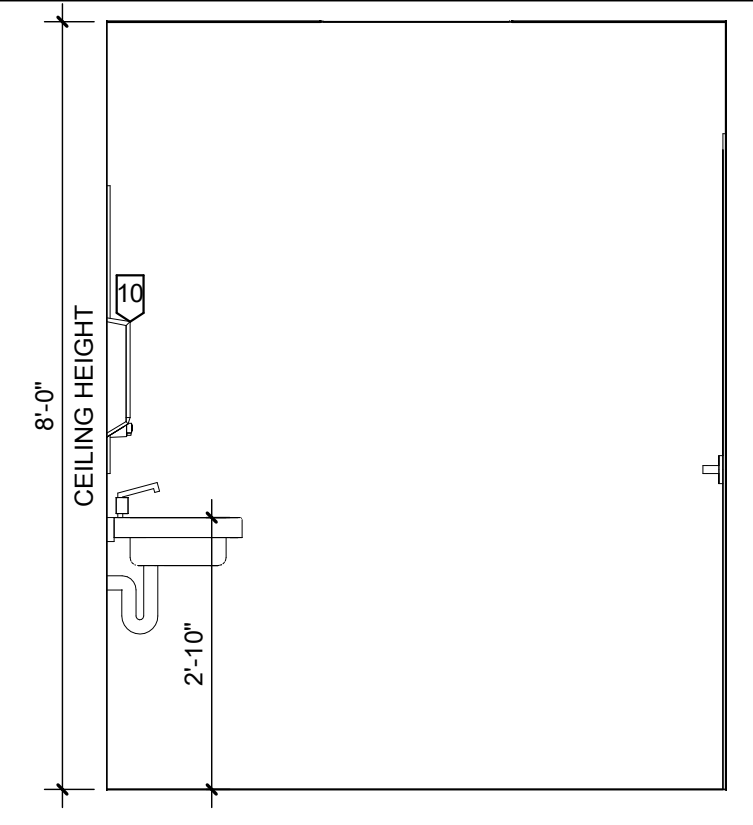
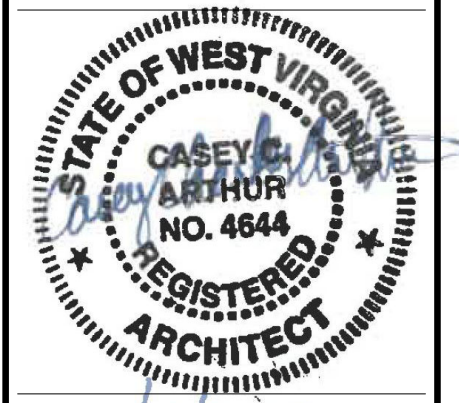
1. CONTRACTOR SHALL SUPPLY ALL RESTROOM ACCESSORIES. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
2. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL DETAILS.

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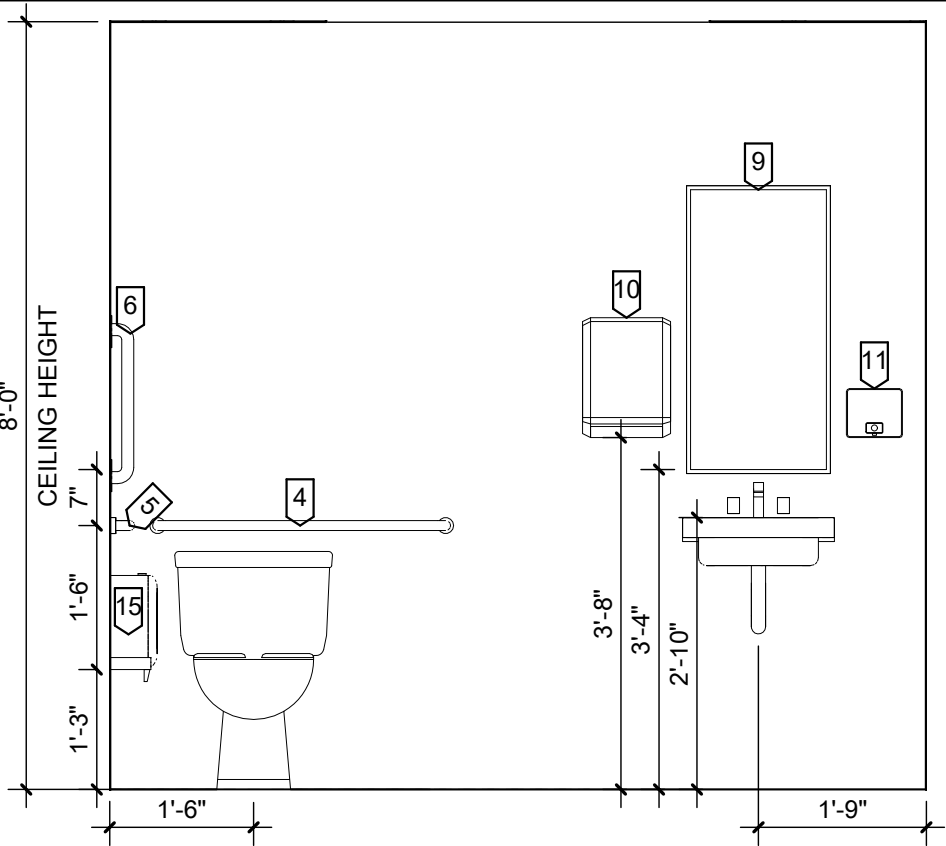
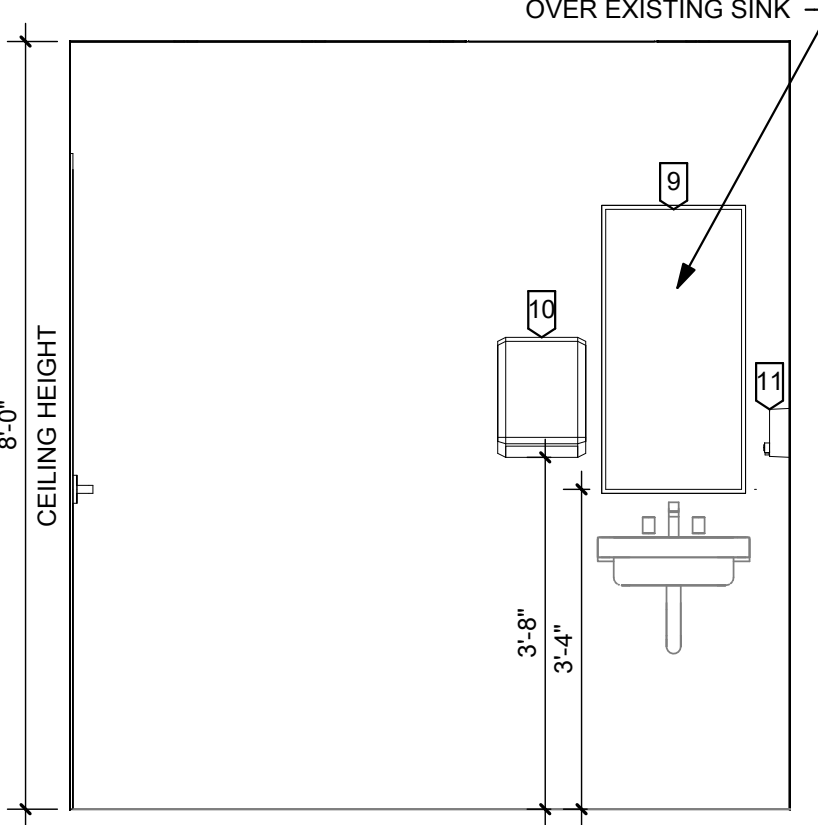
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ALTERNATE #1 GENERAL NOTES

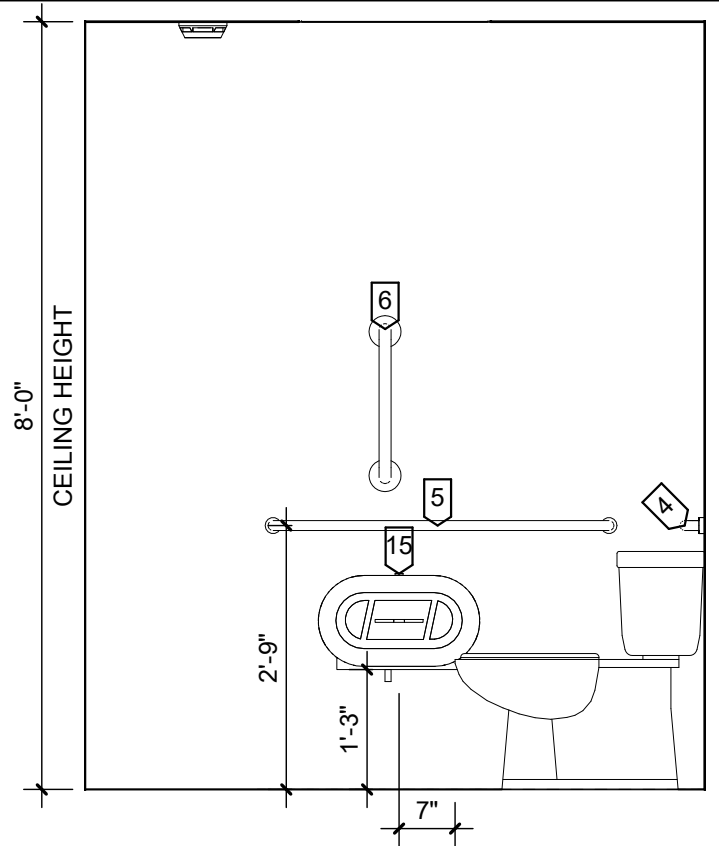
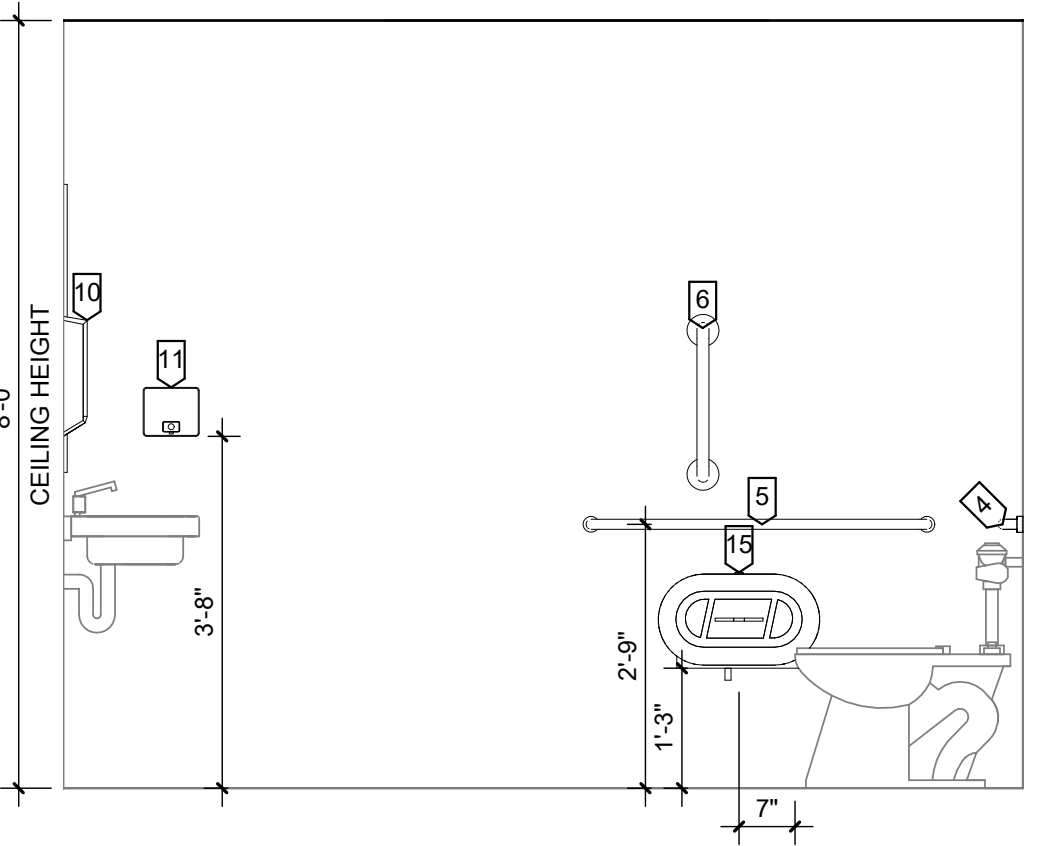
1. ALTERNATE #1 IS PRIMARILY ARCHITECTURAL SCOPE OF WORK FOR GROUND FLOOR DEMOLITION AND GROUND FLOOR NEW WORK.
2. ALL KEYNOTES AND OTHER ANNOTATION DENOTED WITH AN (*) SHALL BE PART OF ALTERNATE #1.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL SCOPE INFORMATION FOR ALTERNATE #1.
4. IF CONFLICT OCCURS BETWEEN BASE BID SCOPE AND ALTERNATE #1, NOTIFY ARCHITECT PRIOR TO EXECUTING WORK.



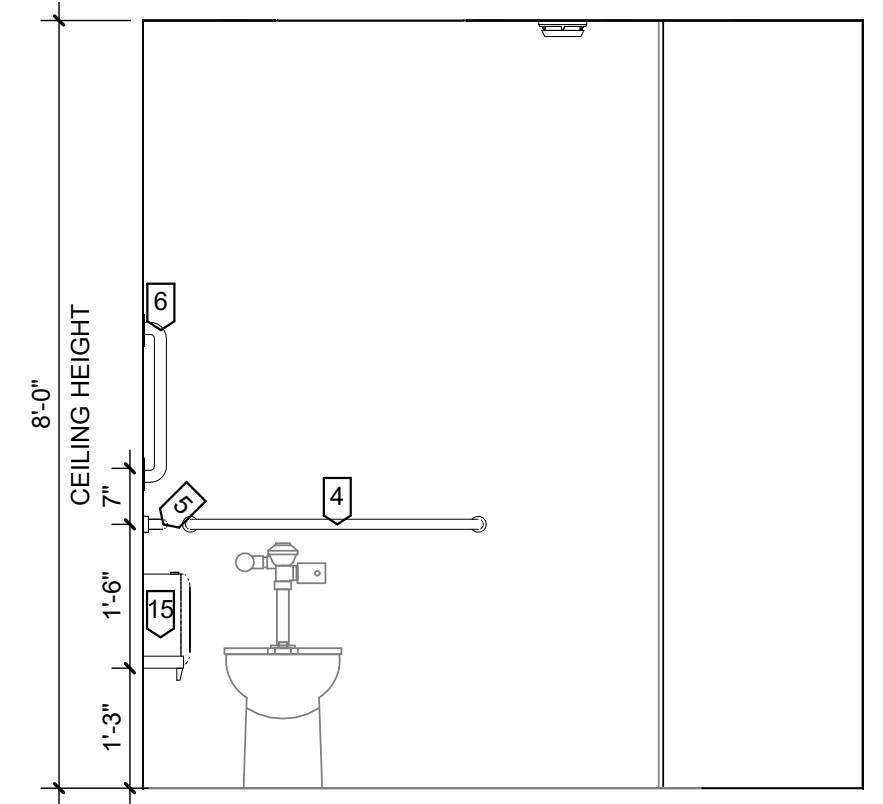
1 RESTROOM 120 *
 A4.01 1/2" = 1'-0"



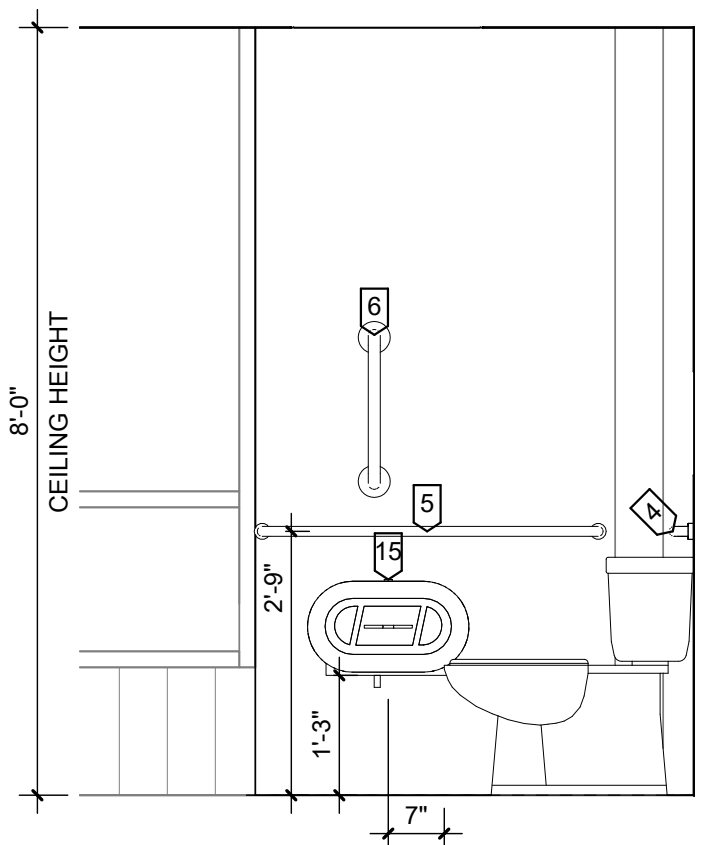
2 RESTROOM 120 *
 A4.01 1/2" = 1'-0"



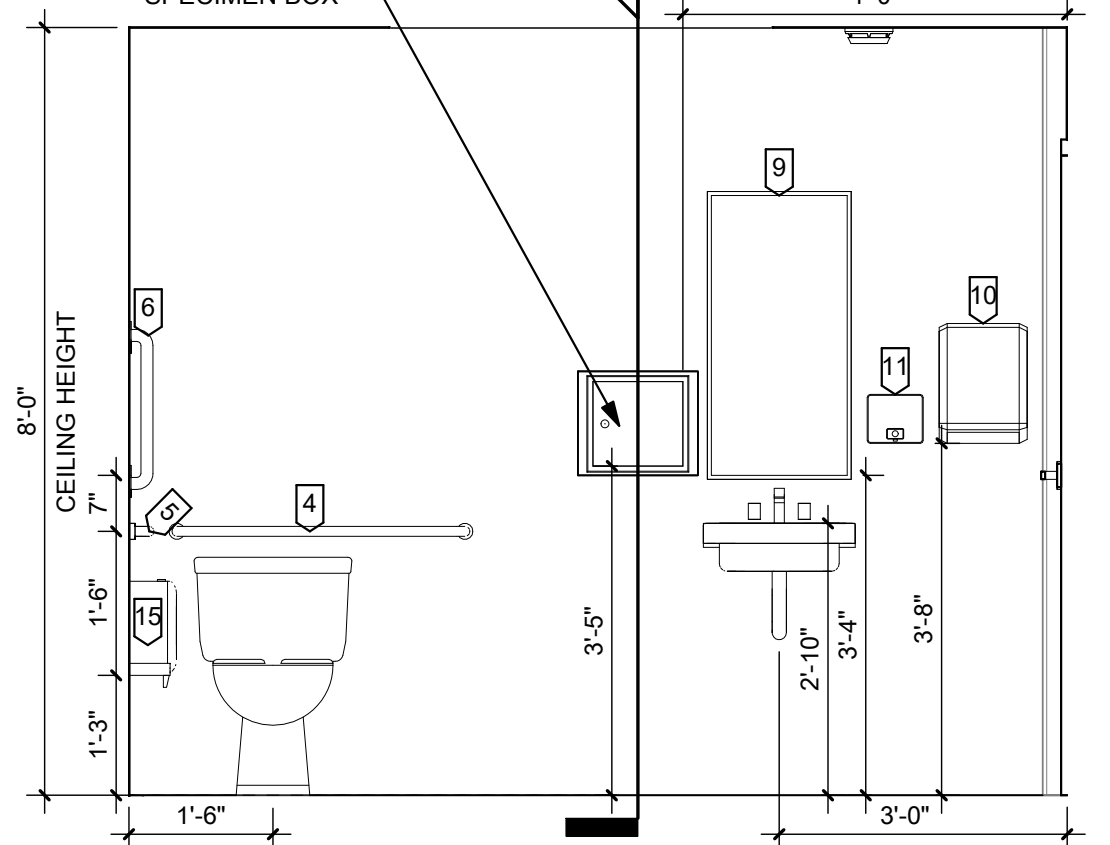
3 RESTROOM 120 *
 A4.01 1/2" = 1'-0"



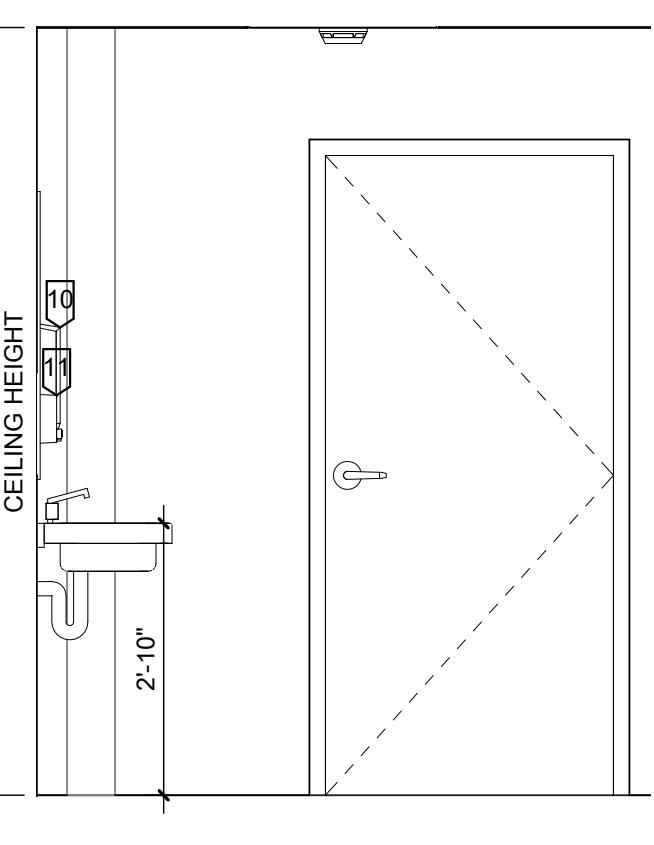
4 RESTROOM 101 *
 A4.01 1/2" = 1'-0"



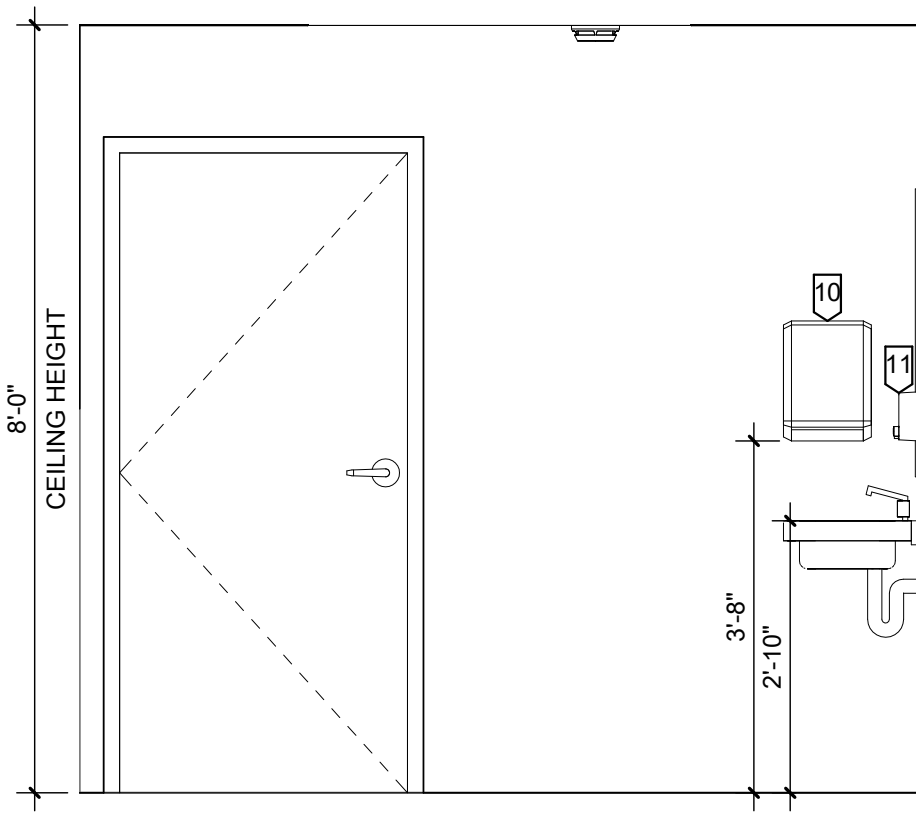
5 RESTROOM 101 *
 A4.01 1/2" = 1'-0"



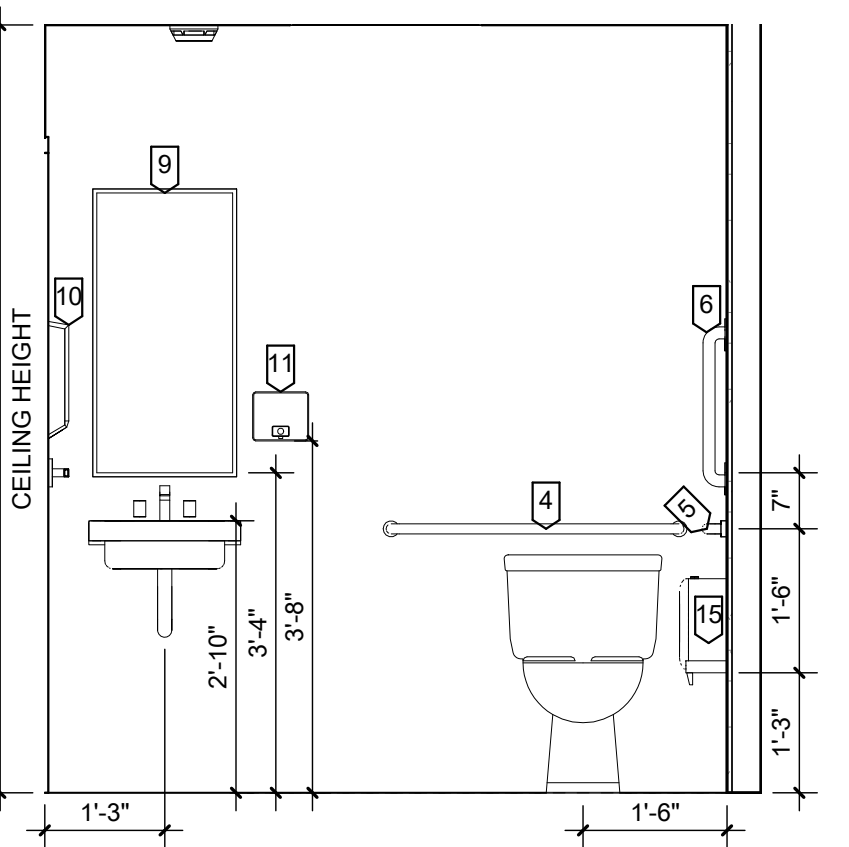
6 RESTROOM 101 *
 A4.01 1/2" = 1'-0"



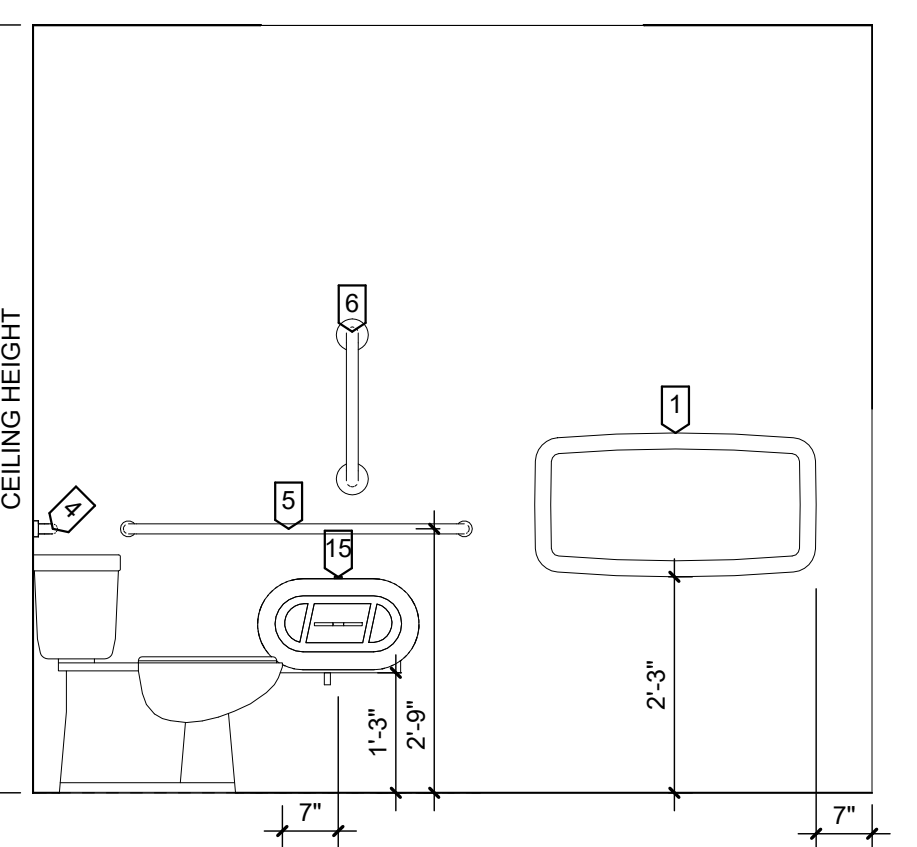
14 RESTROOM 210
 A4.01 1/2" = 1'-0"



15 RESTROOM 210
 A4.01 1/2" = 1'-0"



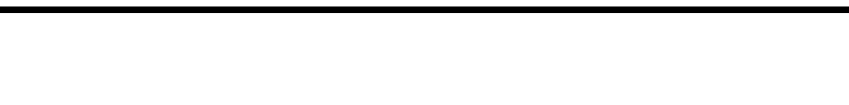
16 RESTROOM 210
 A4.01 1/2" = 1'-0"



17 RESTROOM 201
 A4.01 1/2" = 1'-0"



18 RESTROOM 201
 A4.01 1/2" = 1'-0"



19 RESTROOM 201
 A4.01 1/2" = 1'-0"



NEW CONSTRUCTION ELEVATION LEGEND

CASEWORK SECTION (SEE SHEET A5.01)

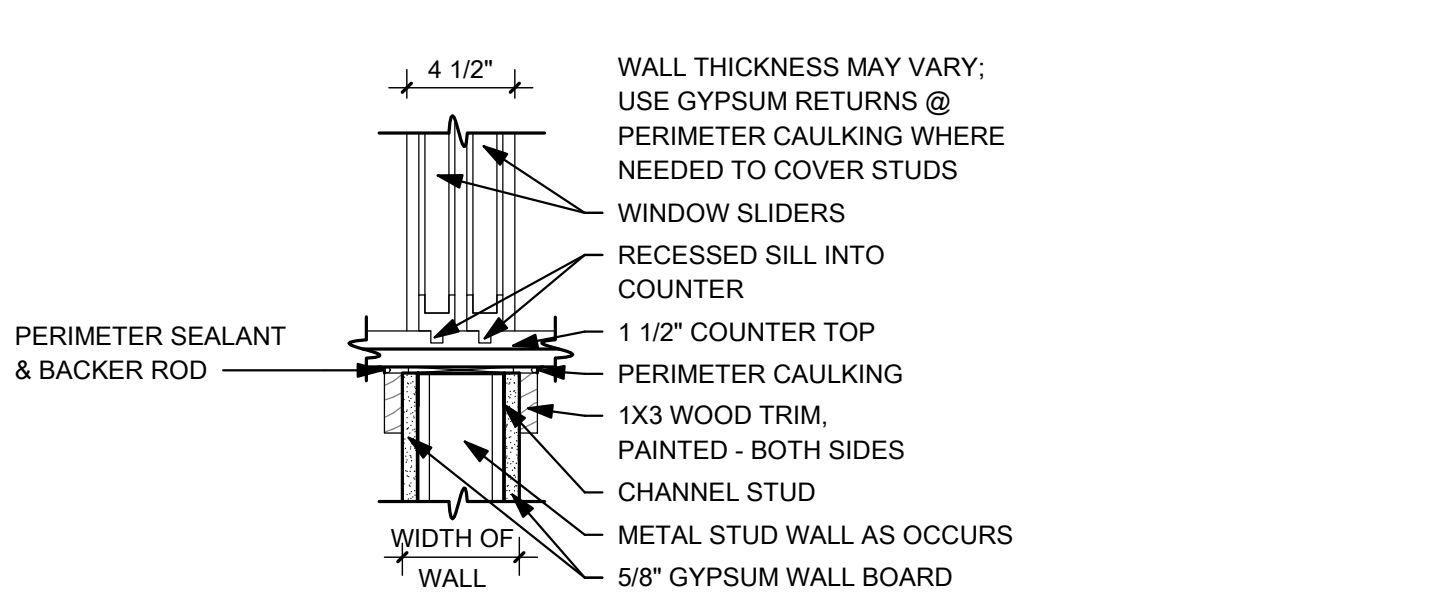
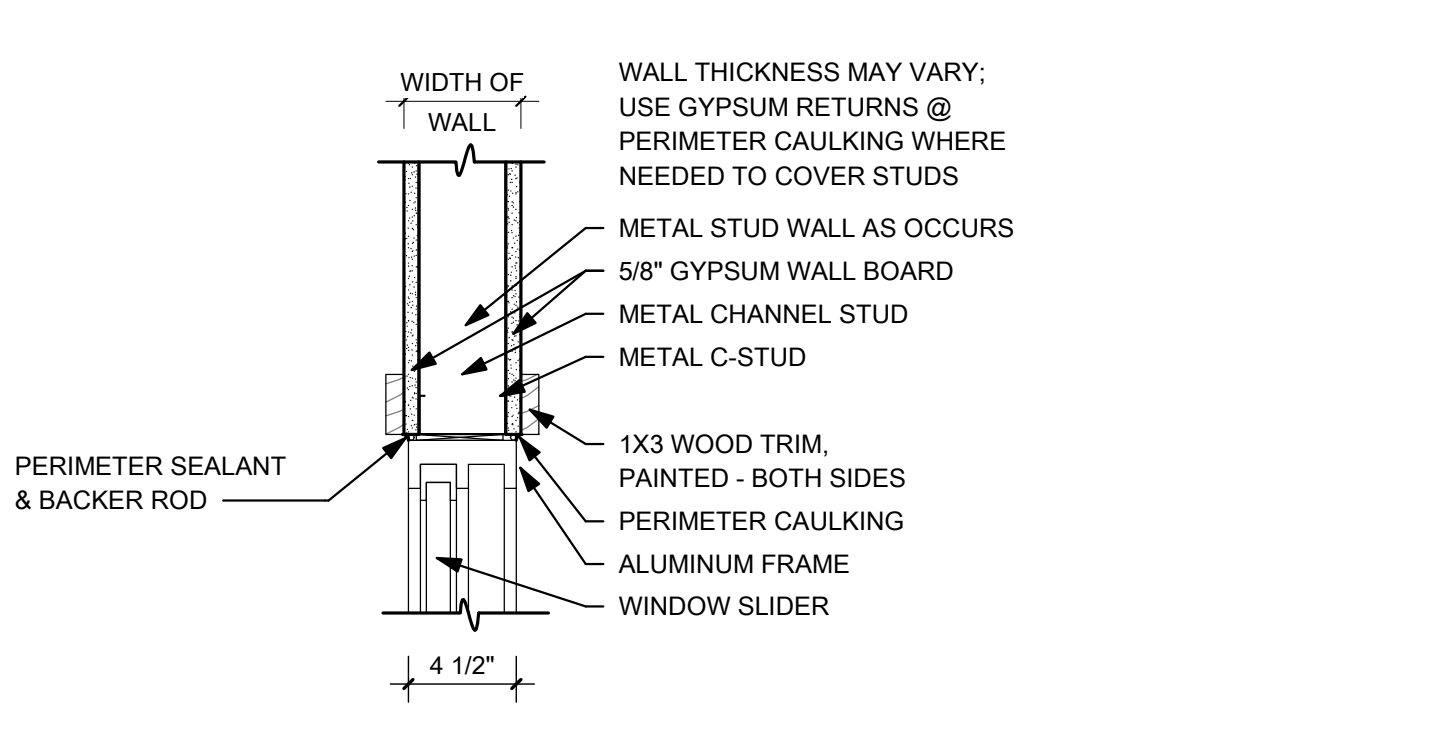
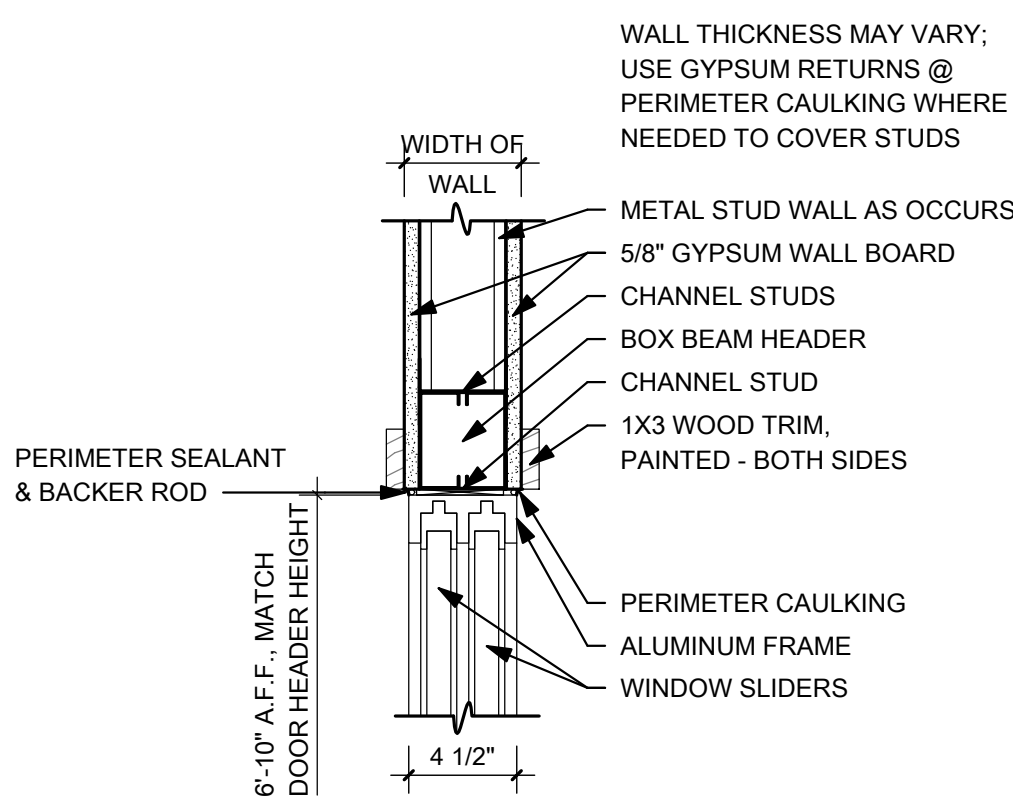
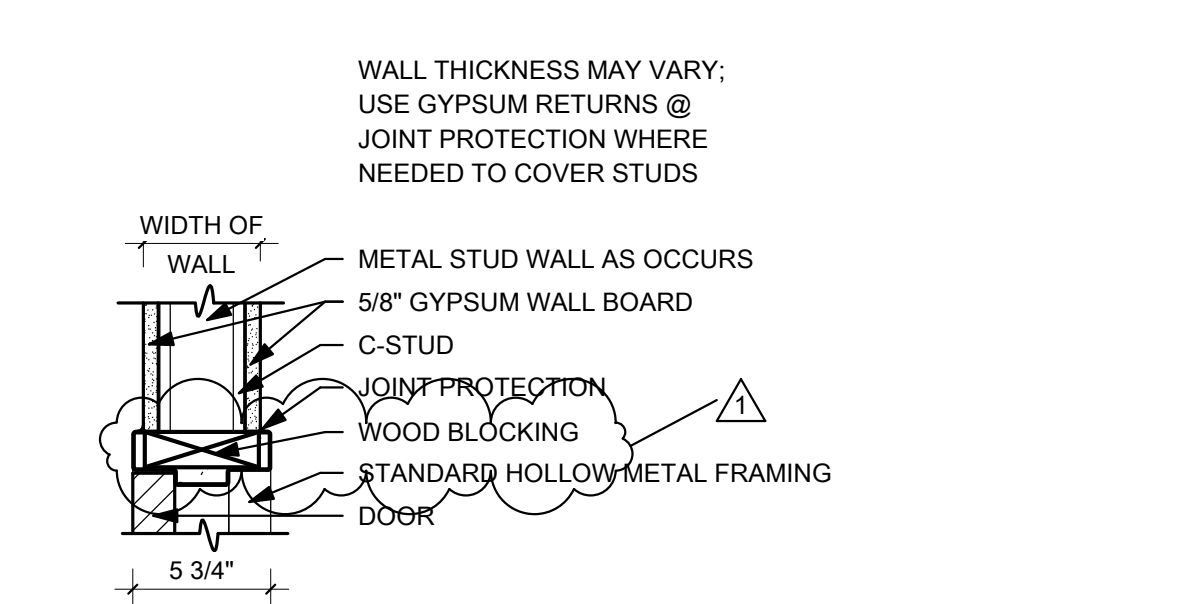
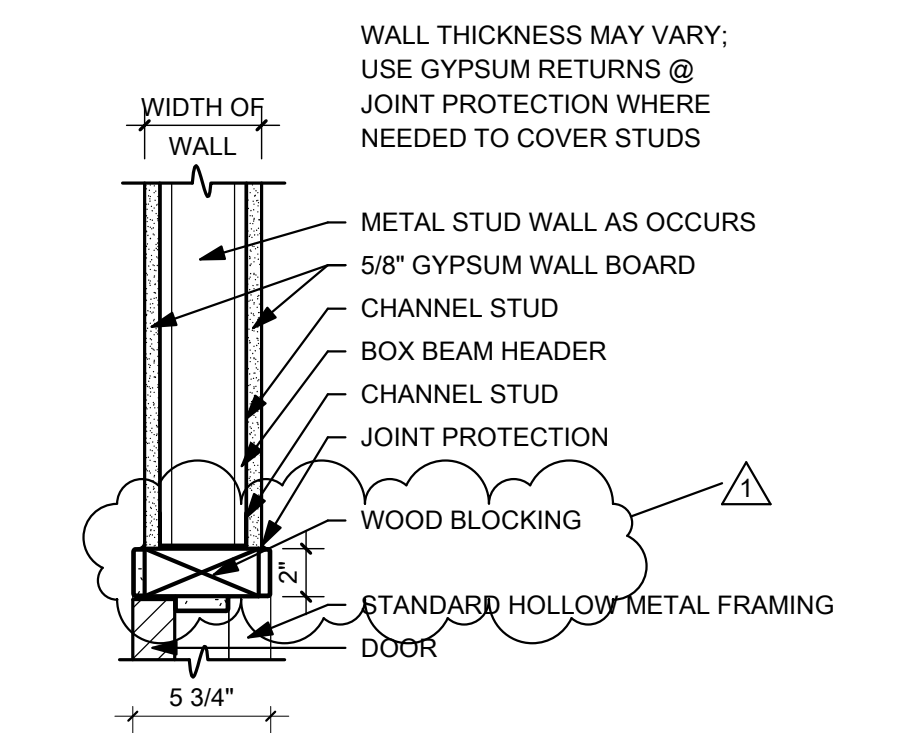
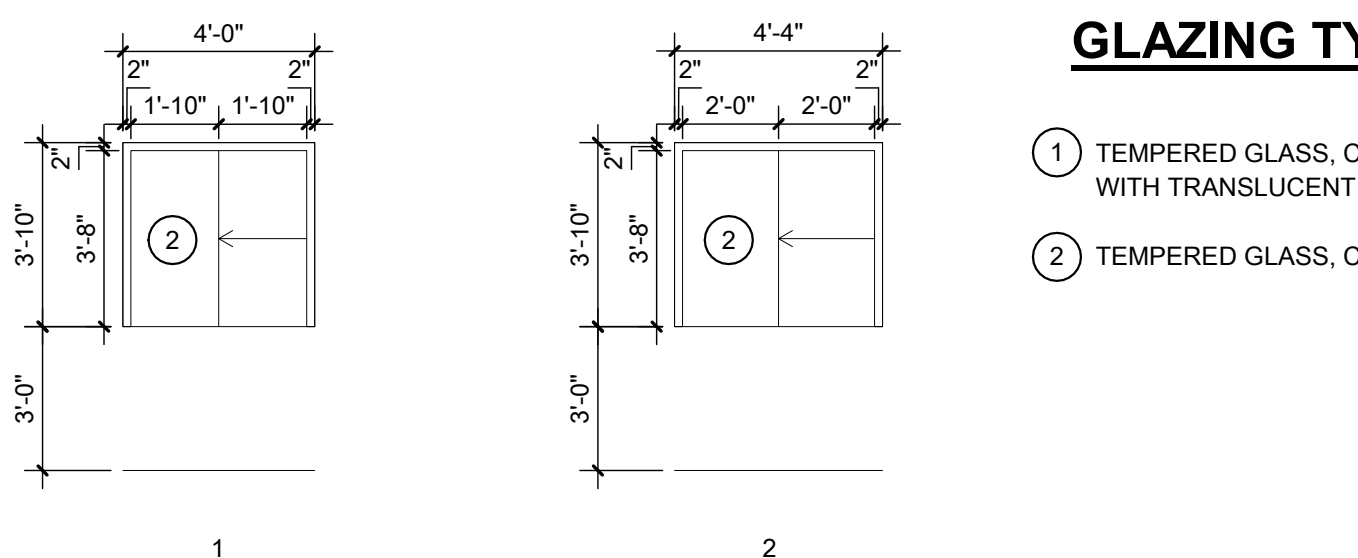
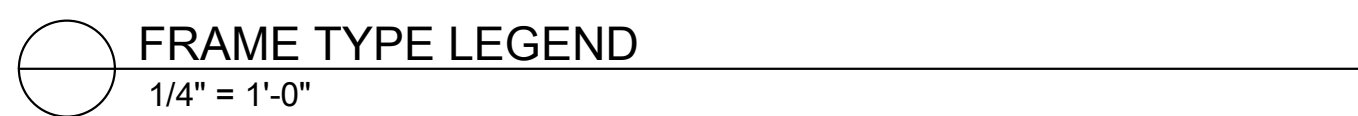
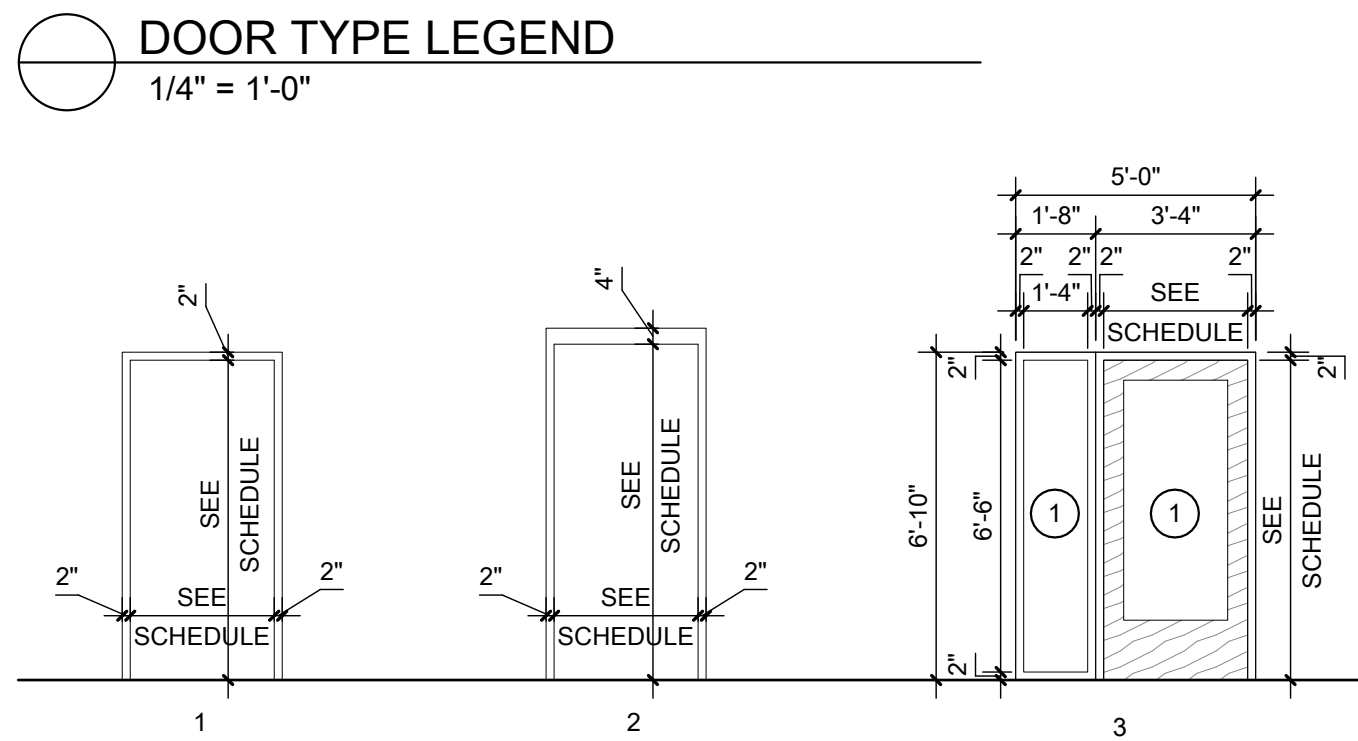
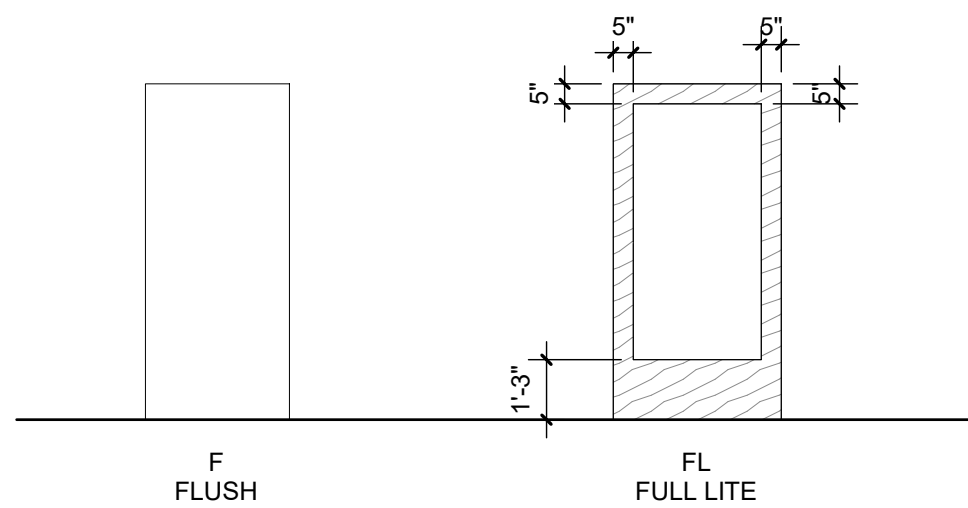
Note Number	Description
1	BABY CHANGING STATION.
2	CURTAIN ROD.
3	FOLD DOWN SEAT.
4	36" HORIZONTAL GRAB BAR.
5	42" HORIZONTAL GRAB BAR.
6	24" VERTICAL GRAB BAR.
7	SHOWER GRAB BARS.
8	HAND DRYER.
9	MIRROR.
10	PAPER TOWEL DISPENSER.
11	SOAP DISPENSER.
12	SANITARY WIPKIN DISPOSAL.
13	TOWEL BAR.
14	TOILET SEAT COVER DISPENSER.
15	TOILET TISSUE DISPENSER.

OMIT THESE ITEMS FROM PROJECT

NO.	BY	DATE	DESCRIPTION
2		06/30/2022	Addendum #3

COG RICHWOOD CLINIC RENOVATIONS
 CAMDEN FAMILY HEALTH
 RICHWOOD, WV
 JUNE 1, 2022
 CONSTRUCTION DOCUMENTS

DRAWN: SGF DATE: 6/1/2022
 CHECKED: CCA DATE: 6/1/2022
 APPROVED: CCA DATE: 6/1/2022
 PROJECT No. 060-10280
 SHEET No. **A4.01**
 INTERIOR ELEVATIONS



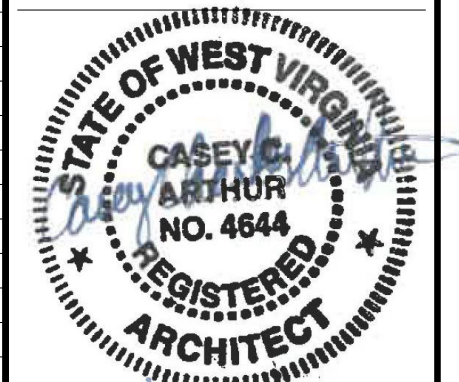
DOOR, FRAME, & HARDWARE SCHEDULE

MARK #	TYPE	DOOR					FRAME				ASSEMBLY		
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE SET	REMARKS
*101	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		02	
*102	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		12	
*103	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
*104	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		03	
*106	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
*109	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED	45 MIN.	06	
*110	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
*113	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED	45 MIN.	12	
*114	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		06	
*115	F	2'-10"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		05	
*116	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
*117	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		04	
*118	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
*119	F	2'-6"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		05	
*120	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		02	
*121	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		04	
*122	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		06	
201	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		02	
202A	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		09	
202B	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		10	
203	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		08	
204	FL	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	3	5 3/4"	H.M.	PAINTED		13	
206	F	2'-6"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		05	
207	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
208	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
209	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	
210	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		02	
211	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		07	
212	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		07	
213	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		07	
215	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		07	
216	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		07	
217	F	2'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		05	
218	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		05	
219	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		11	
220	E	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		11	
221	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		07	
222	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	6 3/8"	H.M.	PAINTED		07	
223	F	3'-0"	6'-8"	1 3/4"	WOOD	CLEAR MAPLE	1	5 3/4"	H.M.	PAINTED		01	

NOTES
1.) OWNER SHALL APPROVE FINISHES BEFORE ORDERING BY CONTRACTOR

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6/1/2022

NO.	BY	DATE	DESCRIPTION
1			
2			

COG RICHWOOD CLINIC RENOVATIONS
CAMDEN FAMILY HEALTH
RICHWOOD, WV
JUNE 1, 2022
CONSTRUCTION DOCUMENTS

DRAWN: SGF DATE: 6/1/2022
CHECKED: CCA DATE: 6/1/2022
APPROVED: CCA DATE: 6/1/2022
PROJECT No. 060-10260

SCHEDULES & DIAGRAMS

SHEET No. **A6.01**

LAYOUT TAB: SCHEDULES & DIAGRAMS PLOT DATE/TIME: 6/30/2022 12:47:42 PM USER: SGF
CAD FILE: R:\060060\10960\05-Camden on Guiley\Richwood Clinic-Camden Family Health-Dwg\REV\REV\Richwood Clinic Building-Continued (3-28-22).rvt

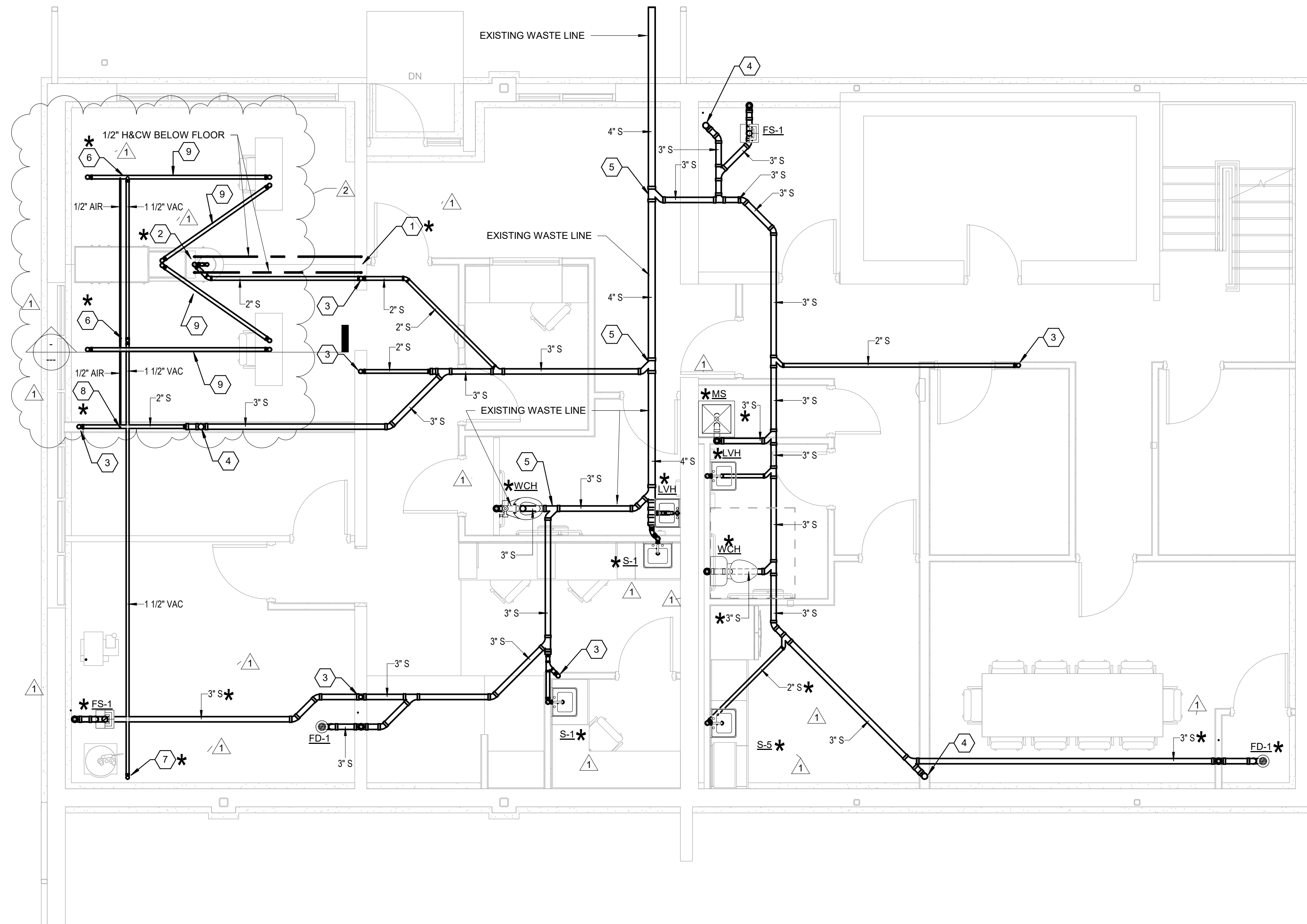


PLUMBING KEY NOTES

1. 1/2" HOT AND COLD WATER LINES DOWN FROM ABOVE FLOOR.
2. 1/2" HOT AND COLD WATER LINES UP TO ABOVE FLOOR.
3. 2" WASTE LINE DOWN FROM ABOVE.
4. 3" WASTE LINE DOWN FROM ABOVE.
5. CONNECT TO EXISTING WASTE LINE AT THIS LOCATION. CONTRACTOR TO FIELD VERIFY ALL EXISTING INVERTS OF EXISTING WASTE LINES BEFORE STARTING CONSTRUCTION. IF THERE IS AN ISSUE CONTRACTOR TO NOTIFY ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
6. 1 1/2" MEDICAL VACUUM AND 1/2" MEDICAL AIR UP. COORDINATE EXACT LOCATION OF MEDICAL VACUUM AND MEDICAL AIR OUTLETS BEFORE STARTING CONSTRUCTION TO VERIFY PROPER LOCATIONS OF MEDICAL VAC AND MEDICAL AIR RISERS FROM BELOW FLOOR.
7. MEDICAL VACUUM LINE DOWN FROM ABOVE FLOOR.
8. MEDICAL AIR SUPPLY LINE DOWN FROM ABOVE FLOOR.
9. CONTRACTOR TO PROVIDE AND INSTALL 2" CONDUIT WITH LONG SWEEP ELBOWS. CONTRACTOR SHALL COORDINATE REQUIRED LOCATION OF CONDUIT WITH DENTAL EQUIPMENT SUPPLIER BEFORE INSTALLING CONDUIT BELOW FLOOR.

ALTERNATE #1 GENERAL NOTES

1. ALL KEYNOTES AND OTHER ANNOTATION DENOTED WITH AN (*) SHALL BE PART OF ALTERNATE #1.
2. IF CONFLICT OCCURS BETWEEN BASE BID SCOPE OF WORK AND ALTERNATE #1, NOTIFY ARCHITECT PRIOR TO EXECUTING WORK.



1 BELOW GROUND FLOOR PLUMBING PLAN - NEW
P3.01 1/4" = 1'-0"

NO.	BY	DATE	DESCRIPTION
1		6/15/2022	Addendum #1
2		6/30/2022	Addendum #3

**COG RICHWOOD CLINIC
RENOVATIONS**
CAMDEN FAMILY HEALTH
RICHWOOD, WV
JUNE 1, 2022
ISSUED FOR CONSTRUCTION

DRAWN: DEB DATE: 10/09/20
CHECKED: KES DATE: 10/09/20
APPROVED: KES DATE: 10/09/20

PROJECT No. 060-10260

BELOW GROUND
FLOOR NEW WORK
PLAN - PLUMBING
SHEET No.

P3.01

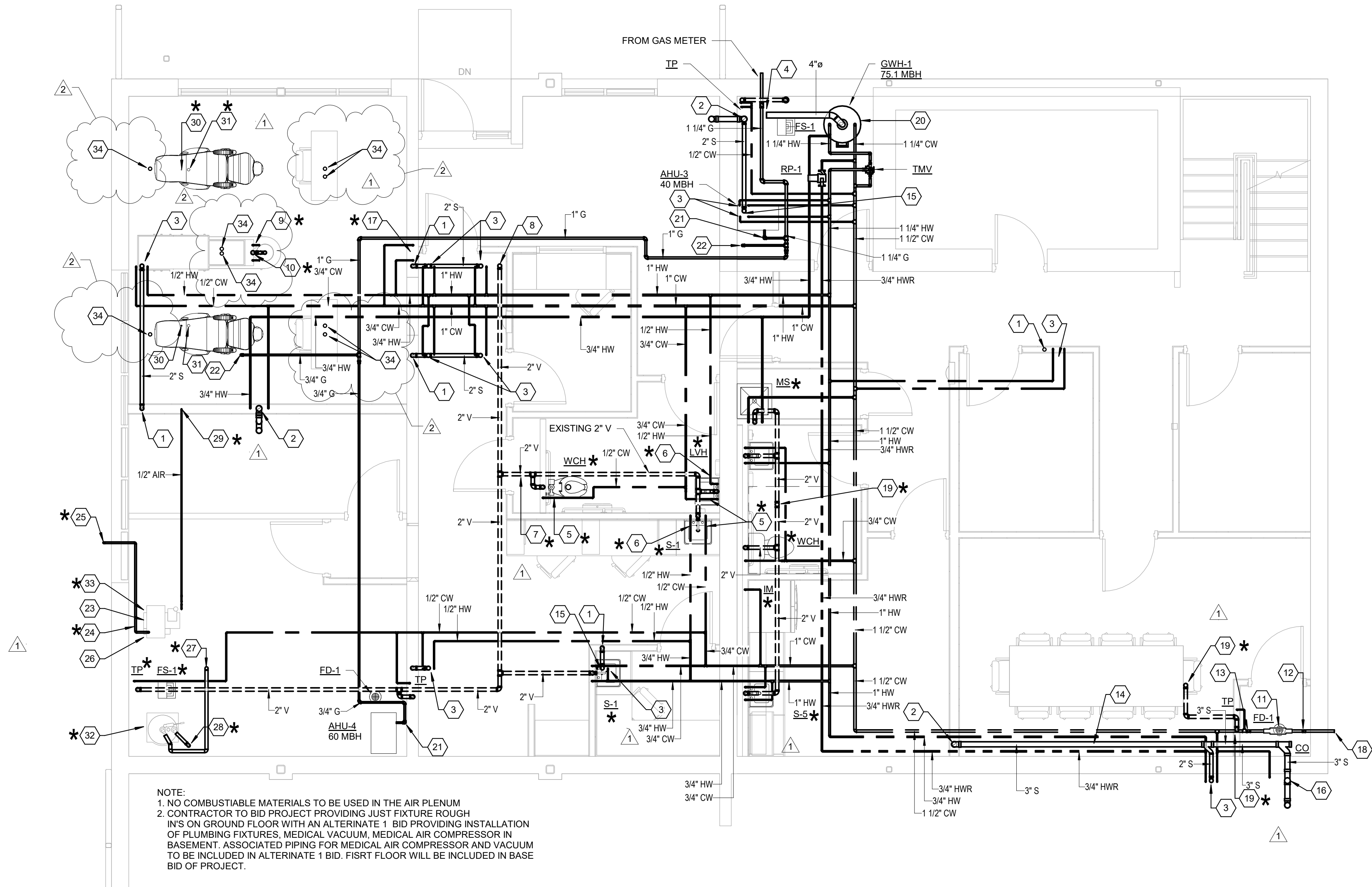


PLUMBING KEY NOTES

1. 2" WASTE LINE DOWN.
2. 3" WASTE LINE DOWN.
3. 1/2" HOT AND COLD WATER UP.
4. CONNECT NEW 4" FLUE DUCT TO EXISTING FLUE DUCT AT THIS LOCATION.
5. CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE AT THIS LOCATION.
6. CONNECT NEW HOT WATER LINE TO EXISTING HOT WATER LINE AT THIS LOCATION.
7. CONNECT NEW 2" VENT LINE TO EXISTING 2" VENT LINE AT THIS LOCATION.
8. EXISTING 2" VENT LINE UP.
9. 1/2" HOT AND COLD WATER LINES UP FROM BELOW FLOOR.
10. PROVIDE AND INSTALL AN AIR ADMITTANCE VALVE.
11. PROVIDE AND INSTALL A 1 1/2" REDUCED PRESSURE BACKFLOW PREVENTER AT THIS LOCATION.
12. 1 1/2" COLD WATER LINE DOWN.
13. 1 1/2" COLD WATER LINE UP.
14. 3" WASTE, 1 1/2" COLD WATER, 3/4" HOT WATER AND 3/4" HOT WATER RECIRCULATION LINES IN SOFFIT.
15. 2" WASTE LINE DOWN FROM ABOVE.
16. 3" WASTE LINE DOWN FROM ABOVE.
17. HOT AND COLD WATER DOWN TO BELOW FLOOR.
18. SEE SITE UTILITY PLAN FOR CONTINUATION.
19. 2" VENT LINE UP.
20. PROVIDE AND INSTALL NEW GAS WATER HEATER AT THIS LOCATION PER MANUFACTURERS RECOMMENDATIONS. ROUTE T&P VALVE TO FLOOR SINK WITH AIR GAP.
21. 3/4" GAS LINE DOWN TO AIR HANDLER UNIT. CONNECT TO UNIT PER MANUFACTURERS RECOMMENDATION.
22. 3/4" GAS LINE UP.
23. FRESH AIR INTAKE TO BE ROUTED TO AN AIR SOURCE OUTSIDE OF EQUIPMENT ROOM. INCOMING FRESH AIR TEMPERATURE MUST NOT EXCEED ROOM TEMPERATURE BY MORE THAN 20 DEGREES FAHRENHEIT.
24. DO NOT INSTALL TIGHT BENDS IN FRESH AIR INTAKE HOSES. TIGHT BENDS WILL CAUSE THEM TO COLLAPSE, LEADING TO COMPRESSOR FAILURE.
25. ROUTE 1" FRESH AIR INTAKE TO OUTSIDE. TURN DOWN AND PROVIDE BUG SCREEN. INSTALL PER MANUFACTURERS RECOMMENDATION.
26. ROUTE AIR COMPRESSOR DRAIN TO FLOOR SINK WITH AIR GAP. INTALL A MINIMUM OF 10'-0" FROM BUILDING OR EQUIPMENT EXHAUST. INSTALL PER MANUFACTURERS RECOMMENDATION.
27. ROUTE 2" MEDICAL VACUUM EXHAUST UP.
28. 1 1/2" MEDICAL VACUUM DOWN TO BELOW FLOOR.
29. 1/2" MEDICAL AIR DOWN TO BELOW FLOOR.
30. 1/2" MEDICAL AIR LINE UP FROM BELOW FLOOR COORDINATE WITH MEDICAL SUPPLY EQUIPMENT FOR EXACT LOCATION OF OUTLETS BEFORE STARTING CONSTRUCTION.
31. 1 1/2" MEDICAL VACUUM LINE UP FROM BELOW FLOOR COORDINATE WITH MEDICAL SUPPLY EQUIPMENT FOR EXACT LOCATION OF OUTLETS BEFORE STARTING CONSTRUCTION.
32. INSTALL MEDICAL VACUUM AND ALL PIPING PER MANUFACTURERS RECOMMENDATION.
33. INSTALL MEDICAL AIR COMPRESSOR AND ALL PIPING PER MANUFACTURERS RECOMMENDATION.
34. CONTRACTOR TO STUB UP 2" CONDUIT. CONTRACTOR SHALL COORDINATE REQUIRED STUB UP LOCATIONS WITH DENTAL EQUIPMENT SUPPLIER BEFORE INSTALLING CONDUIT.

ALTERNATE #1 GENERAL NOTES

1. ALL KEYNOTES AND OTHER ANNOTATION DENOTED WITH AN (*) SHALL BE PART OF ALTERNATE #1.
2. IF CONFLICT OCCURS BETWEEN BASE BID SCOPE OF WORK AND ALTERNATE #1, NOTIFY ARCHITECT PRIOR TO EXECUTING WORK.



NOTE:
1. NO COMBUSTIBLE MATERIALS TO BE USED IN THE AIR PLENUM
2. CONTRACTOR TO BID PROJECT PROVIDING JUST FIXTURE ROUGH IN'S ON GROUND FLOOR WITH AN ALTERNATE 1 BID PROVIDING INSTALLATION OF PLUMBING FIXTURES, MEDICAL VACUUM, MEDICAL AIR COMPRESSOR IN BASEMENT. ASSOCIATED PIPING FOR MEDICAL AIR COMPRESSOR AND VACUUM TO BE INCLUDED IN ALTERNATE 1 BID. FIRST FLOOR WILL BE INCLUDED IN BASE BID OF PROJECT.

1 GROUND FLOOR PLUMBING PLAN - NEW
P3.02 1/4" = 1'-0"

NO.	BY	DATE	DESCRIPTION
1			
2			

COG RICHWOOD CLINIC RENOVATIONS
CAMDEN FAMILY HEALTH
RICHWOOD, WV
JUNE 1, 2022
ISSUED FOR CONSTRUCTION

DRAWN: DEB DATE: 05/02/22
CHECKED: KES DATE: 05/02/22
APPROVED: TTG DATE: 05/02/22

PROJECT No. 060-10260

GROUND FLOOR NEW WORK PLAN - PLUMBING
SHEET No.

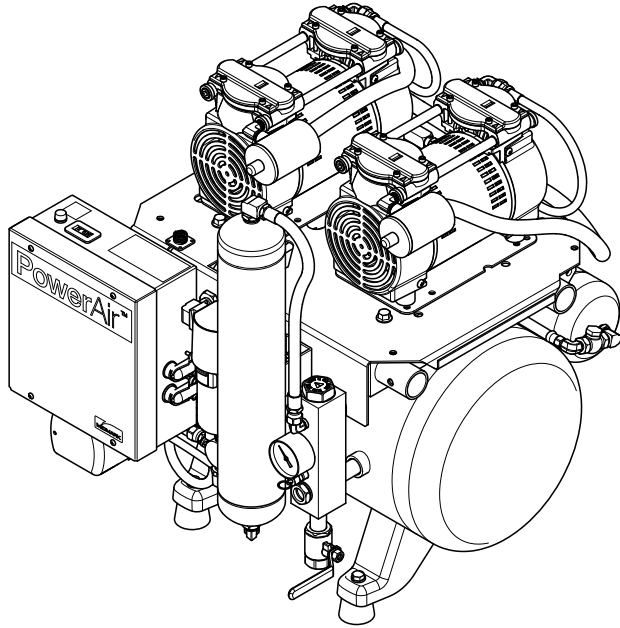
P3.02



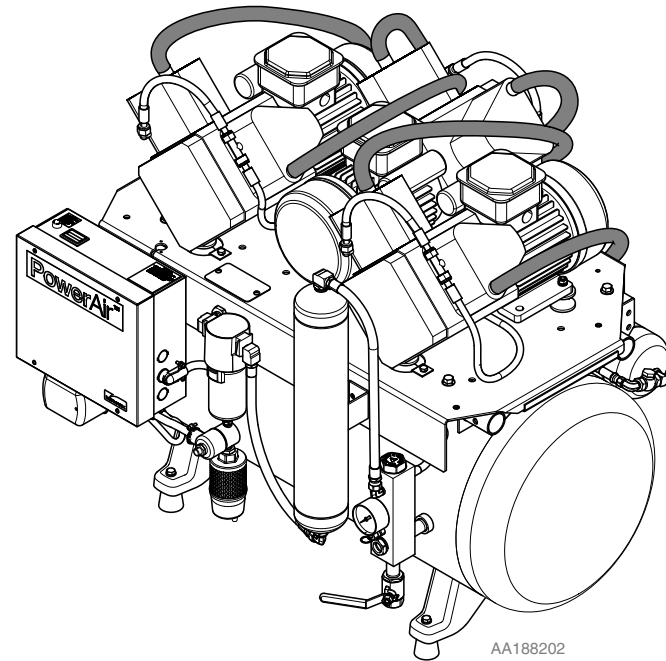
PowerAir™ Compressor Installation

Applies to Models:
P21 - 115 Volts
P22, P32 - 230 Volts
P52, P72 - 230 Volts

Equipment Alert
Compressor system must be installed per local plumbing and electrical codes.



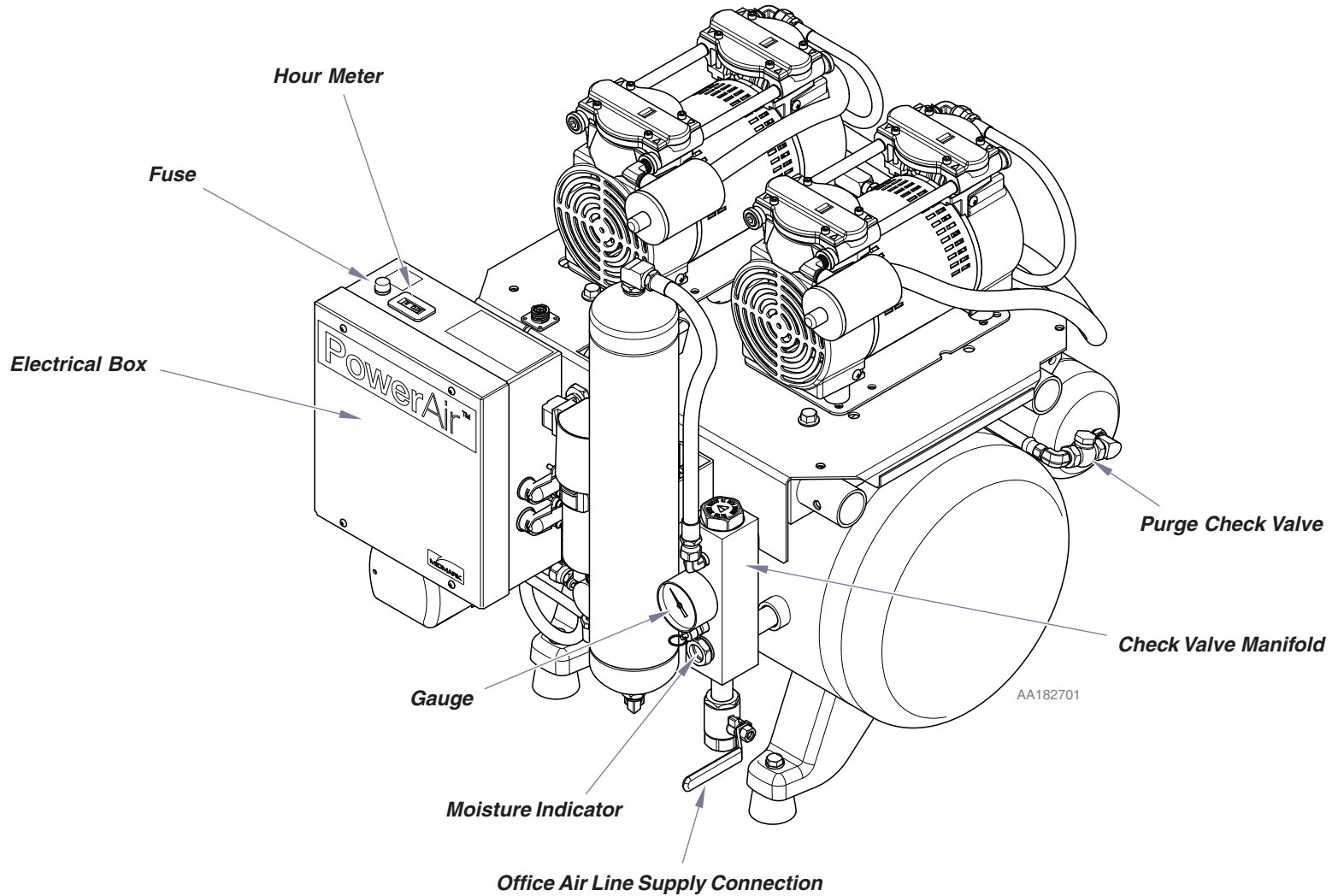
Model P21 (115 Volt) or P22 (230 Volt) - Twin .75 HP Heads



Model P72 - Triple 1.6 HP Heads

AA188202

Compressor Main Component Locations

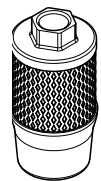


P22 Model Shown
Components Shown are Typical on all PowerAir™ Compressor Models

Compressor Site Requirements

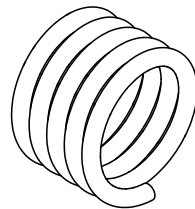
Electrical		Models			
Supply	P21	P22	P32	P52	P72
Voltage	115	208-230	208-230	208-230	208-230
Single Phase					
Disconnect Switch Box - Fused - User Supplied - Box(es) must be located within 3 ft. of compressor	20 Amps	20 Amps	20 Amps	30 Amps	40 Amps
Plumbing					
Fresh Air Intake Line					
Type	PVC				
Line Sizing	1" Minimum (Provided by Contractor)				
Compressor Connections	1" MPT or 1" PVC Slip Connectors				
Drain					
Type	Poly Tube (Provided with Install Kit)				
Delivery Line					
Main Trunk Line	3/8" to 3/4" Copper, as site layout dictates. Terminate in mechanical room with 1/2" FPT. Flex hose provided for service connection.				
Operator Branch Lines	FPT at Operator junction box location.				
Environmental					
Equipment Room Ambient Temperature - Operational	40° - 104° Fahrenheit / 4° - 40° Celsius				

Installation Kit Provided with Compressors



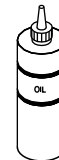
Exhaust Silencer

Indicator for Coalescing Filter



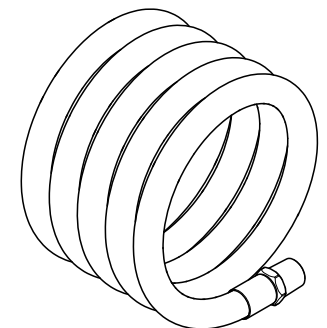
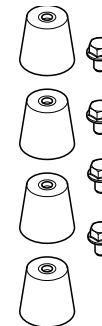
Fresh Air Intake Hose
Length - 10'

Elbow for Operator Line Connection



Oil

Feet with Hardware

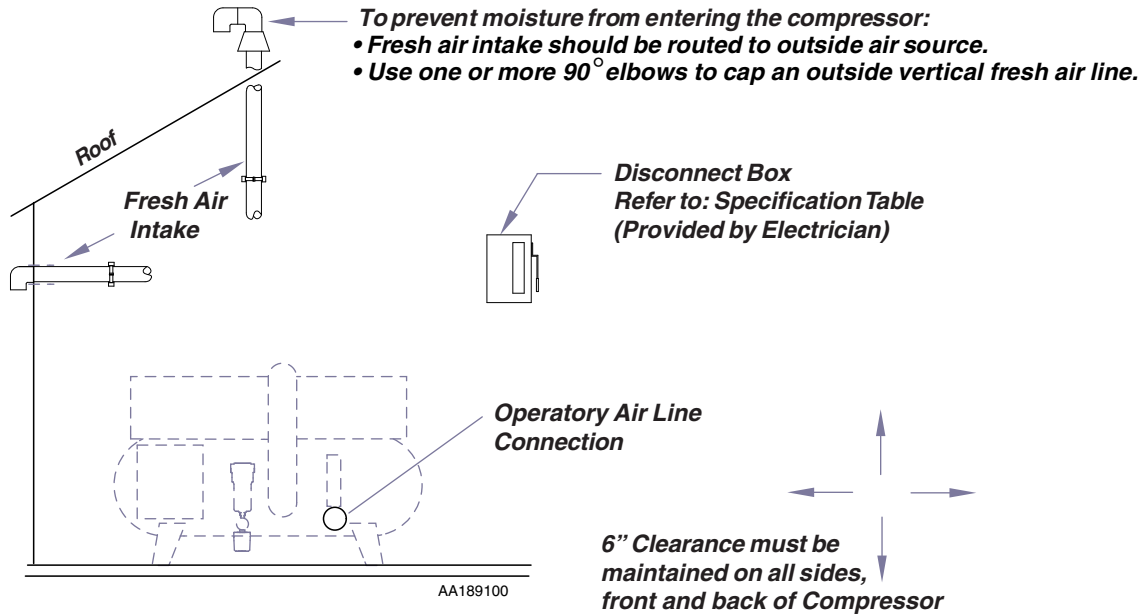


Operator Air Line
Length - 6'

AA189300

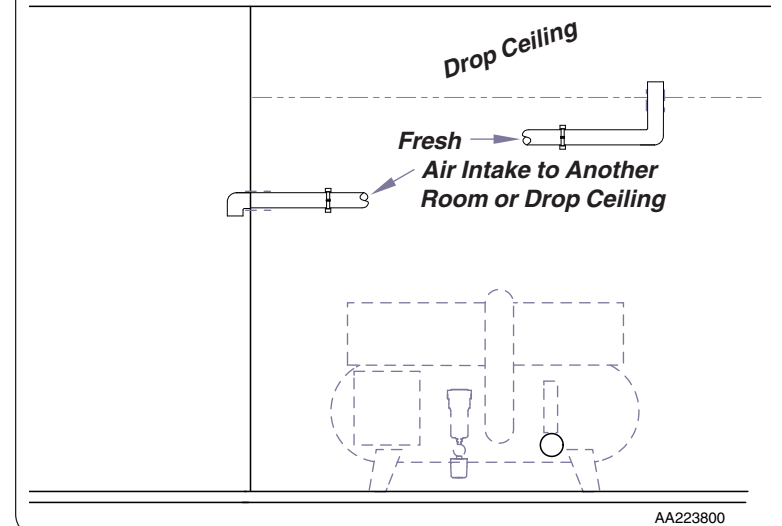
Compressor Site Layout

Elevation View



OR

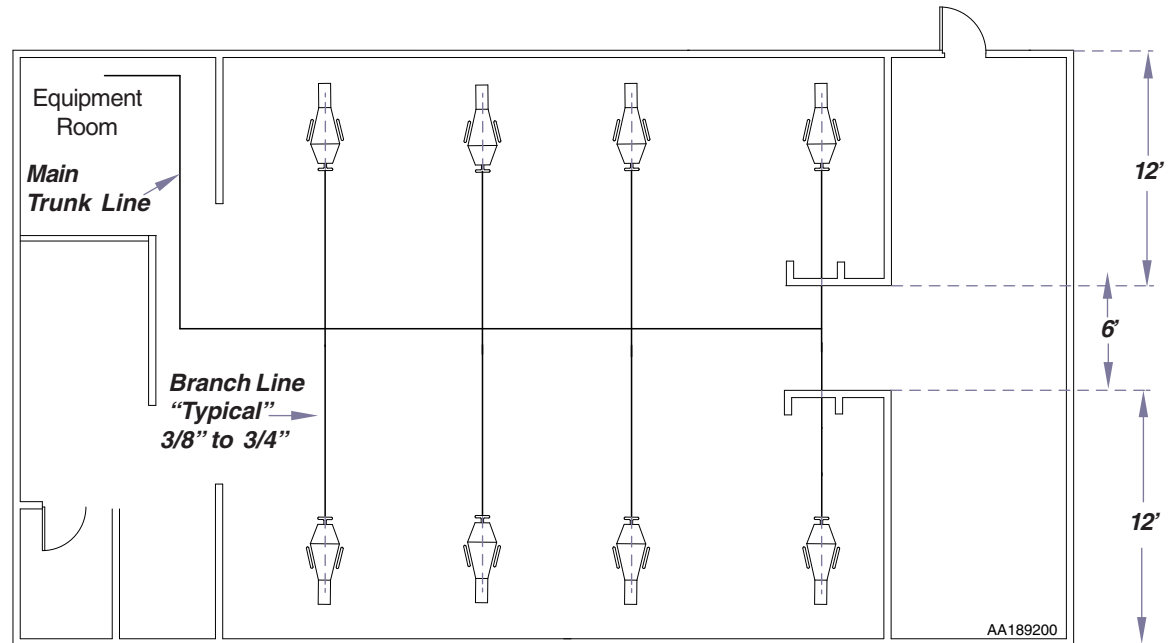
- Fresh air intake can be set-up to pull air from a drop ceiling or another room.



Sample Plumbing Layout

AIR LINE SIZING CHART

Compressor CFM @ 80 psig	Main Header Line Size
5 - 10	3/8" ODT
10 - 20	1/2" ODT
20 - 30	5/8" ODT
30 - 40	3/4" ODT



Important Information

Intended Use

To provide compressed air during general examinations and procedures conducted by qualified dental professionals.

Electromagnetic Interference

This Midmark Liquid Ring Vacuum is designed and built to minimize electromagnetic interference with other devices.

However, if interference is noticed between another device and these units:

- Remove interfering device from room
- Plug interfering device into an isolated circuit
- Increase separation between unit and interfering device
- Contact Midmark if interference persists

Disposal of Equipment

At the end of product life, the unit(s), accessory, and other consumable goods may become contaminated from normal use. Consult local codes and ordinances for proper disposal of equipment, accessories and other consumable goods.

Transportation / Storage Conditions

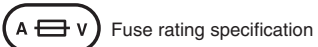
Ambient Temperature Range: 40°F to 104°F (4°C to 37°C)
Relative Humidity 10% to 90% (non-condensing)
Atmospheric Pressure 500hPa to 1060hPa (0.49atm to 1.05atm)



Keep dry



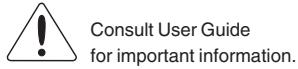
Maximum stacking height
(palletted units)



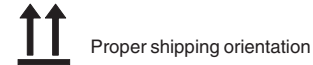
Fuse rating specification



Caution hot surface



Consult User Guide
for important information.



Proper shipping orientation



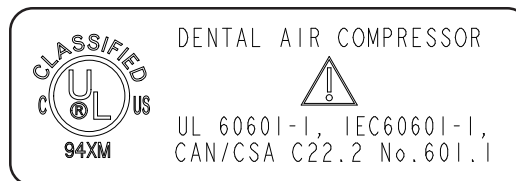
Fragile




Protective earth ground


IPX0 Ordinary Equipment


This product has been evaluated with respect to electrical shock, fire & mechanical hazards only, in accordance with UL60601-1 and CAN/CSA C22.2 NO. 601.1.



 **DANGER**
Indicates an imminently hazardous situation which ***will*** result in serious or fatal injury if not avoided. This symbol is used only in the most extreme conditions.

 **WARNING**
Indicates a potentially hazardous situation which ***could*** result in serious injury if not avoided.

 **CAUTION**
Indicates a potentially hazardous situation which ***may*** result in minor or moderate injury if not avoided. It may also be used to alert against unsafe practices.

 **Equipment Alert**
Indicates a potentially hazardous situation which could result in equipment damage if not avoided

Note
Amplifies a procedure, practice, or condition.

AA2369

Before you Install...



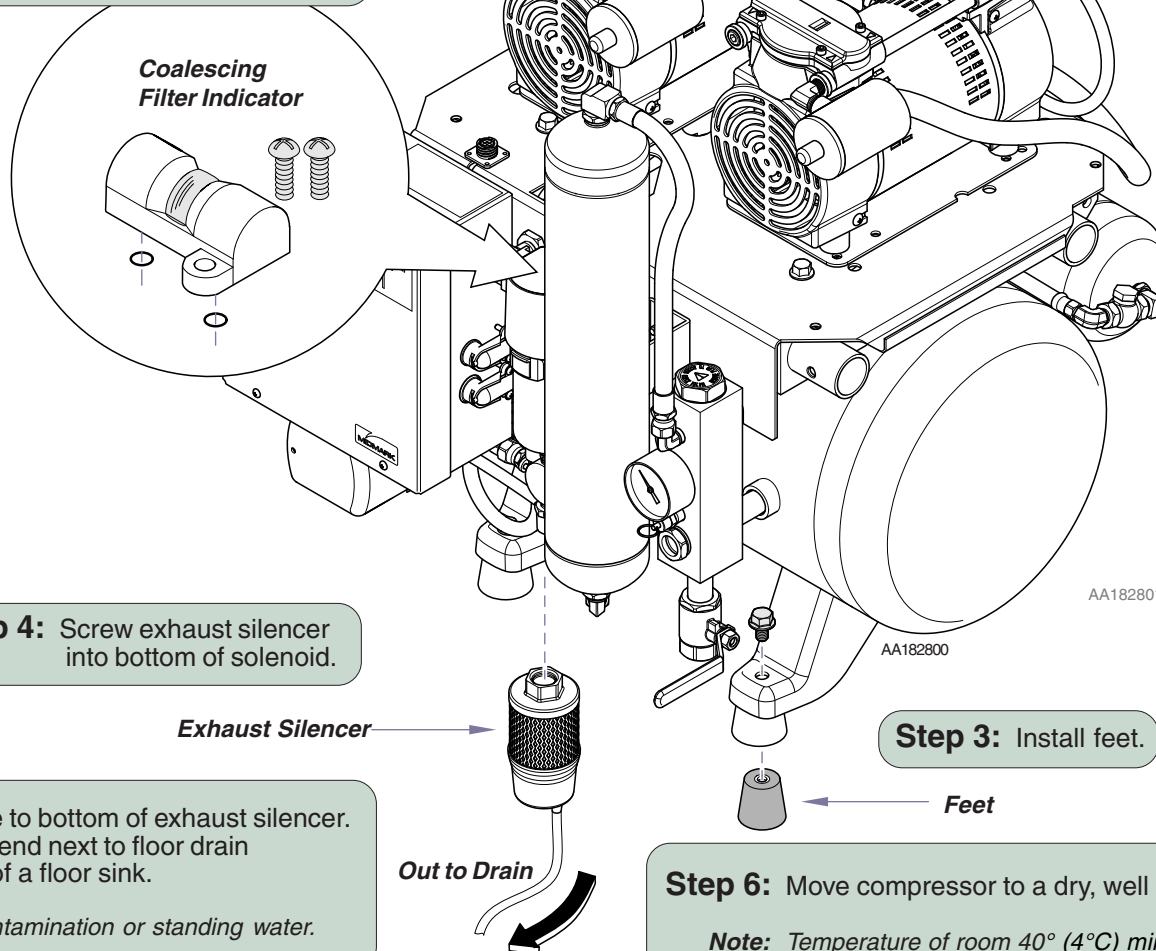
Equipment Alert

Compressor system must be installed in an air conditioned and or ventilated room to ensure operational ambient temperature of 40° to 104° Fahrenheit (4° - 40° Celsius). A 6" clearance is required on the rear and one side to allow air flow around the unit. Failure to do so could cause premature loss of system performance and void warranty.

Step 1: Remove compressor and accessories from shipping skid.

Note: This step is optional but, might be required by local codes.

Step 2: Verify o-rings are seated on bottom of indicator. Remove plate on top of coalescing filter. Install indicator on top of coalescing filter.



Step 4: Screw exhaust silencer into bottom of solenoid.

Step 5: Connect poly tube to bottom of exhaust silencer. Position opposite end next to floor drain or over the edge of a floor sink.

Note: Do not place in contamination or standing water.

Step 3: Install feet.

Step 6: Move compressor to a dry, well ventilated area on a solid, level surface.

Note: Temperature of room 40° (4°C) min. - 100° (38°) max.

Installation

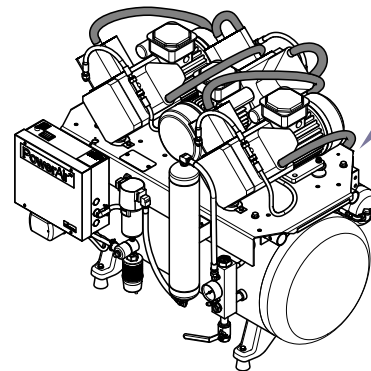
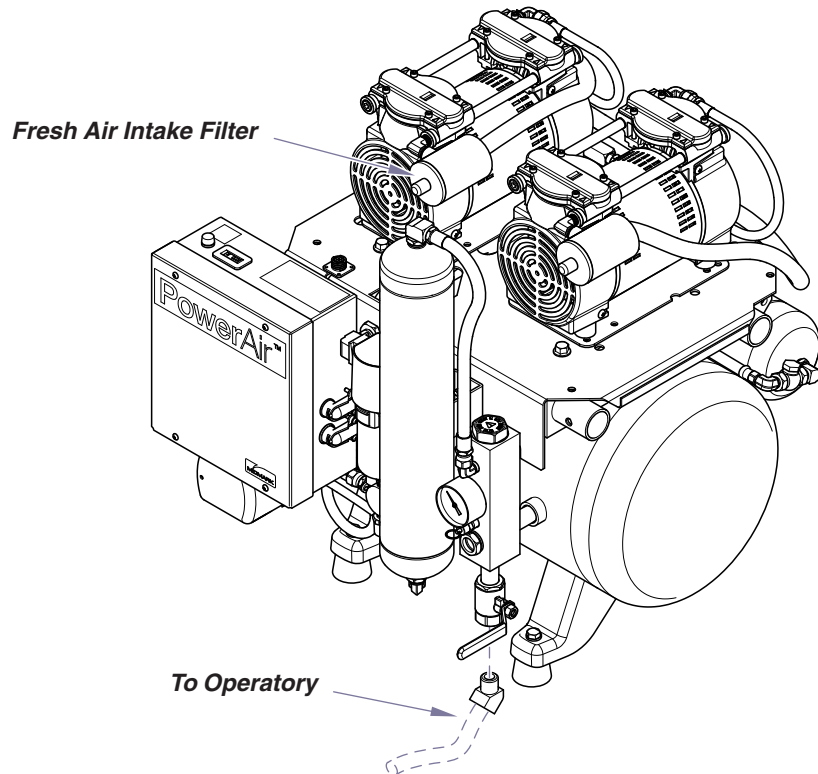
Plumbing Connections



Equipment Alert

To prevent moisture from entering the compressor...

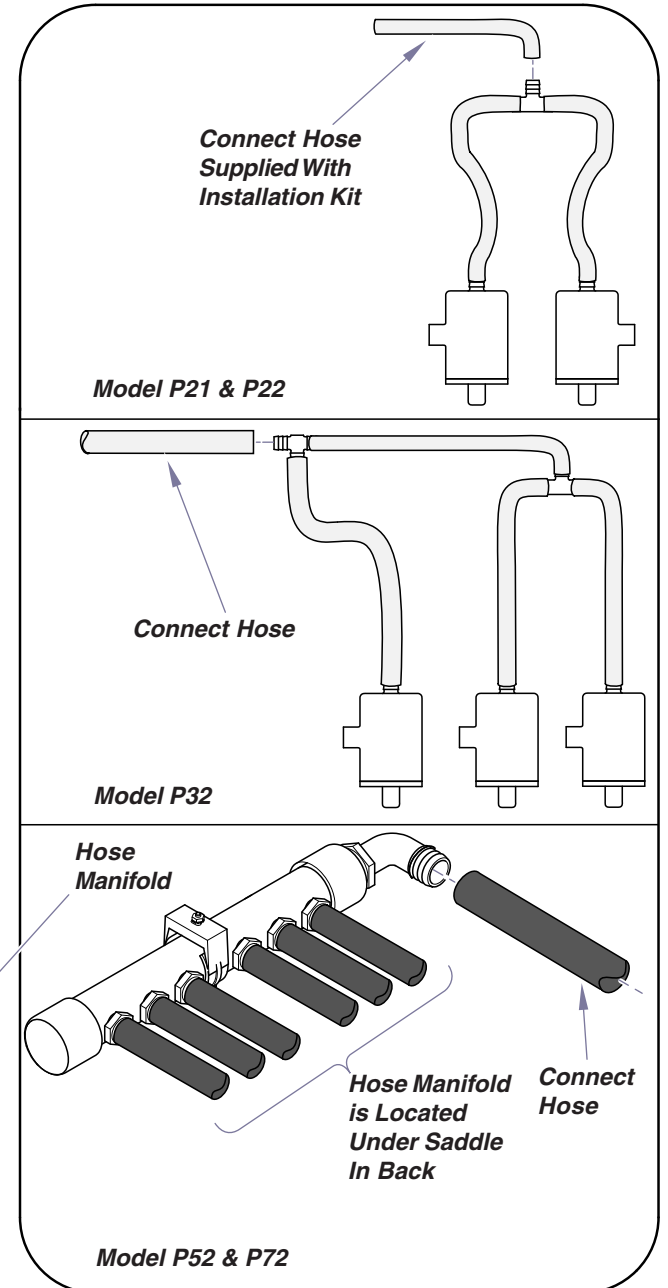
- Incoming fresh air temperature must not exceed room temperature by more than 20° Fahrenheit or -6 Celsius.
- Fresh air intake should be routed to an air source outside the equipment room.
- Refer to "Site Layout" in this manual for routing recommendations.
- Tight bends in the fresh air intake hoses may cause them to collapse, potentially leading to premature compressor failure.



Step 7: Install elbow to valve.
Connect hose assembly to valve.
Connect office air supply line.

Note: Hose assembly included in the installation kit.

Step 8: Connect fresh air intake hose to barbed fitting behind compressor to fresh air intake pipe.



AA2221011

Installation

Electrical Connections

*Refer to Specification Sheet for Electrical Ratings in this manual.

P21-115 Model
 115 Volt Source
 Single Phase, 60 Hz
 20 Amp Fuse
 Circuit Breaker Box
 (Electrician Supplied)

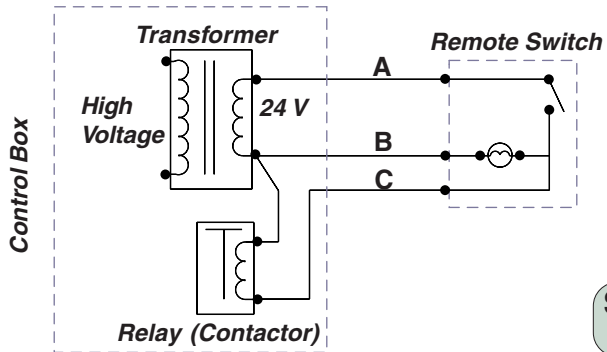
P22, P32, P52, P72 Models
 208-230 Volt Source
 Single Phase, 60 Hz
 20 Amp Fuse
 Circuit Breaker Box
 (Electrician Supplied)



WARNING
 Connect in accordance with NEC Class 2, wiring methods.

Step 9: Connect remote panel wires to Low Voltage Control wires if applicable.

Remote Panel

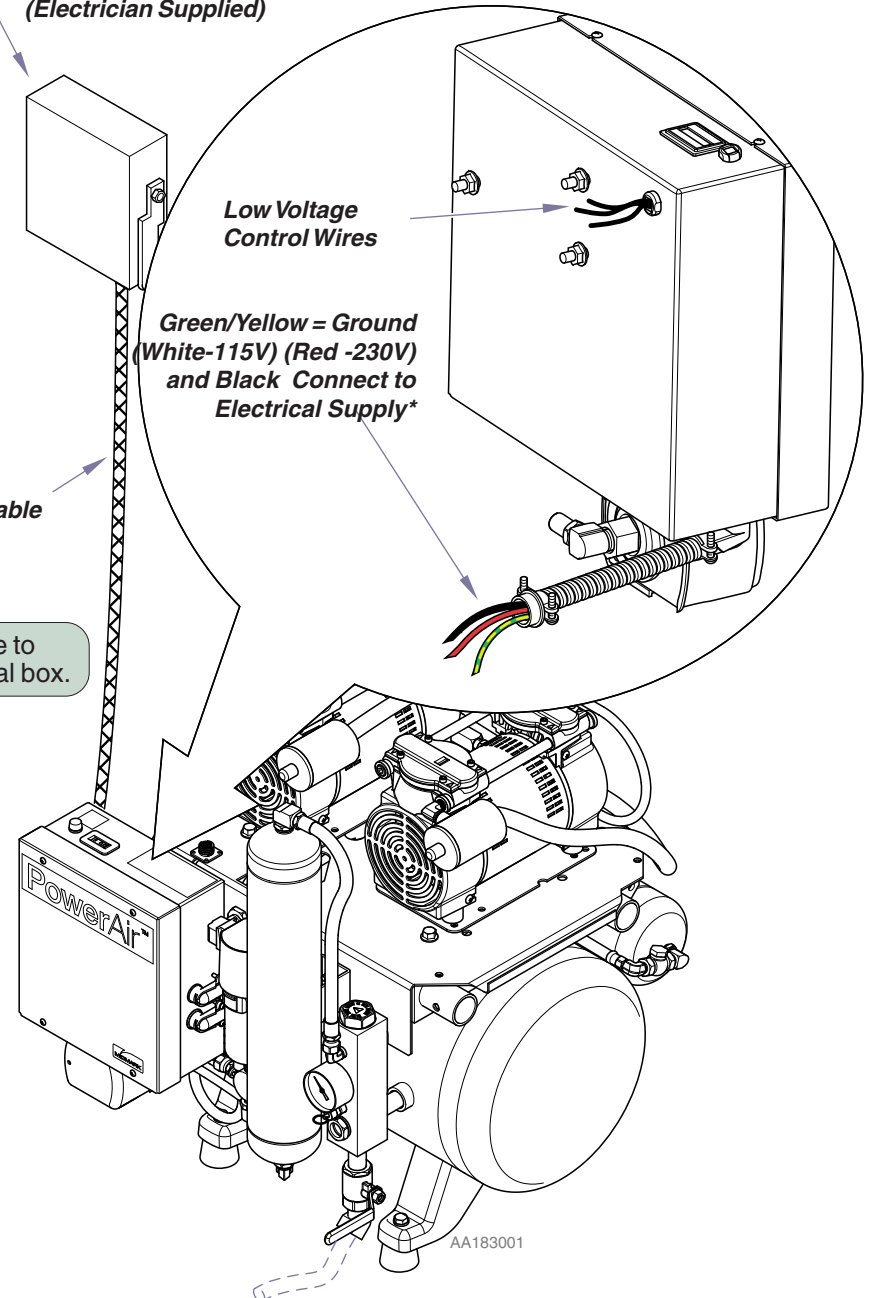


Conduit Cable

Step 10: Connect conduit cable to user supplied electrical box.

Low Voltage Control Wires
 Green/Yellow = Ground
 (White-115V) (Red -230V)
 and Black Connect to
 Electrical Supply*

Control Panel Cross Wiring			
Brand	Wire		
	A	B (Light)	C
Midmark	Blue	White	Red
Air Techniques	Yellow	Brown	Orange
DentalEz	Black	Brown	Yellow
Matrx	Red	Blue	White
Apollo	Blue	White	Red



Installation

Check & Test

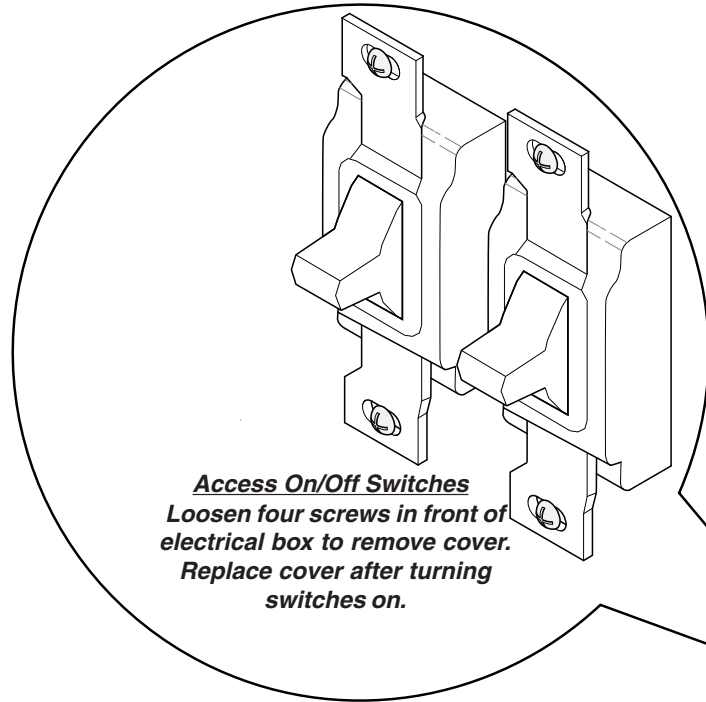


WARNING

The On/Off switch controls only the secondary circuit power. The main power source must be turned off to remove all power in the control box. The circuit breaker panel is the main power disconnect.

Step 12: Turn power on.

Note: Compressor should run quietly and storage tank will begin to pressurize.

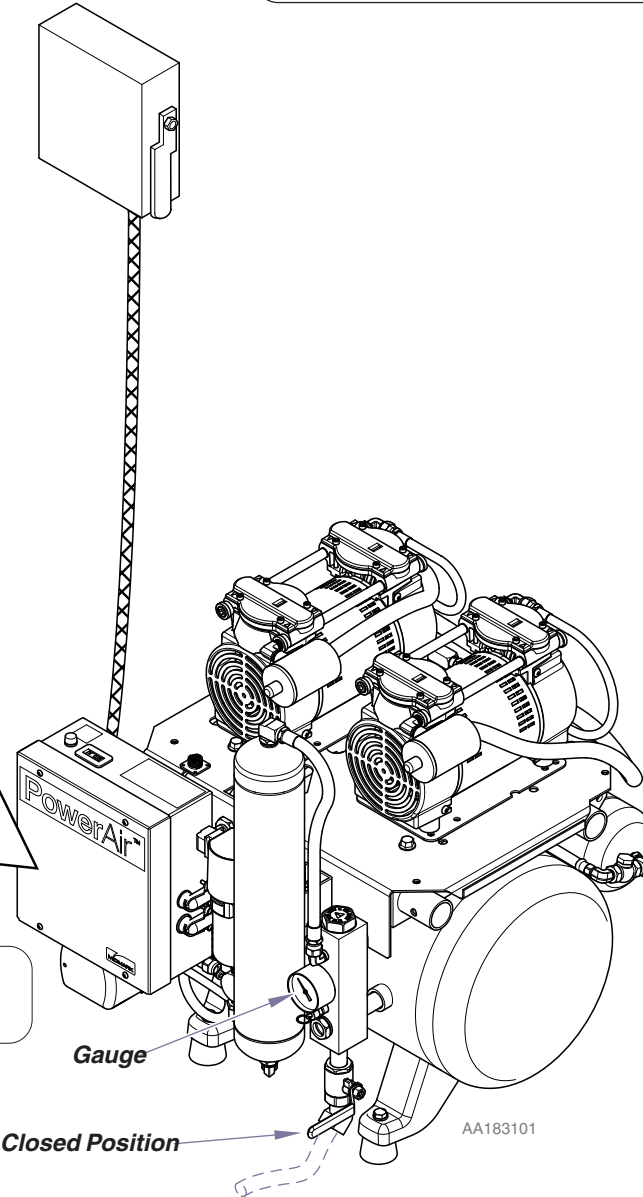


Access On/Off Switches
Loosen four screws in front of electrical box to remove cover.
Replace cover after turning switches on.

Note:

Compressor will shut-off automatically when gauge registers 100 PSI.

Step 11: Verify shut-off valve is closed.



Step 13: Use soapy water to check for pressure leaks.

Installation Check & Test

Note:
Monitor line pressure gauge when testing for leaks.

Step 14: Open the shut-off valve slowly and allow air to flow into the office air system.

Step 15: Allow office line to pressurize for 20-30 seconds. Check storage pressure gauge reading.

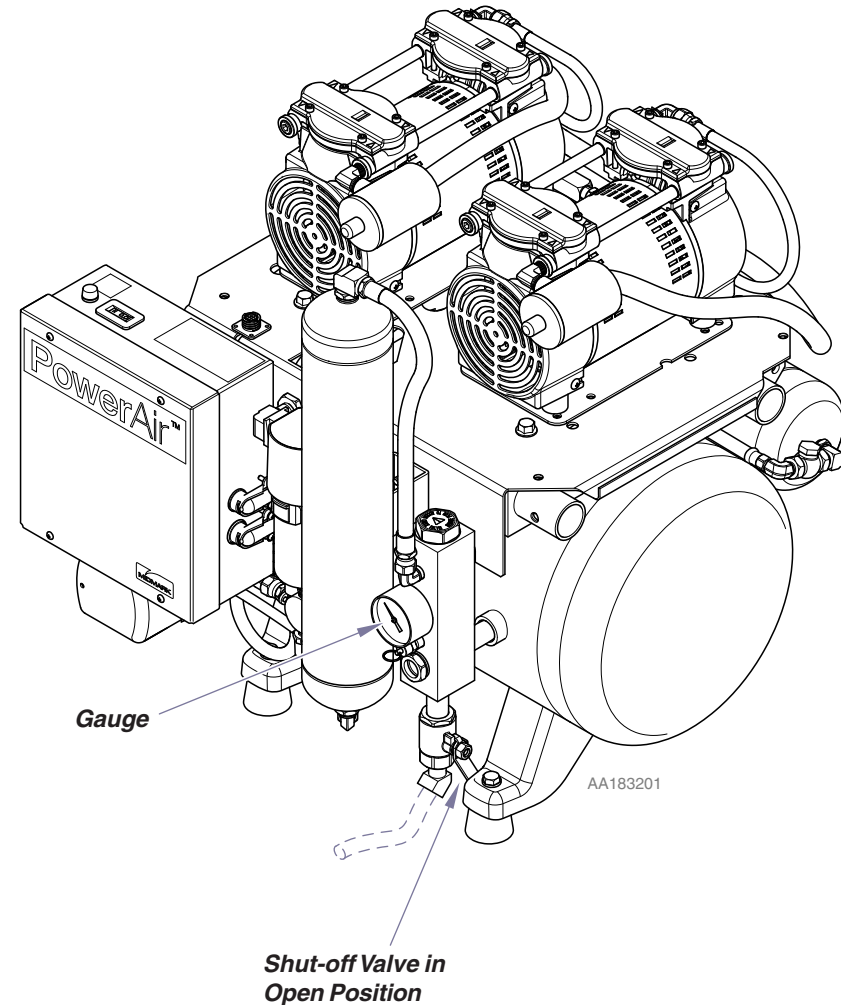
Step 16: Check gauge reading after 10 minutes.

Note: If the storage pressure gauge registers a lower reading, an air leak exists. Locate the leak(s) and repair.



WARNING

Always disconnect the power before servicing. The head(s) surface(s) can be very hot depending on compressor usage. Do not touch these parts during or directly after operation.

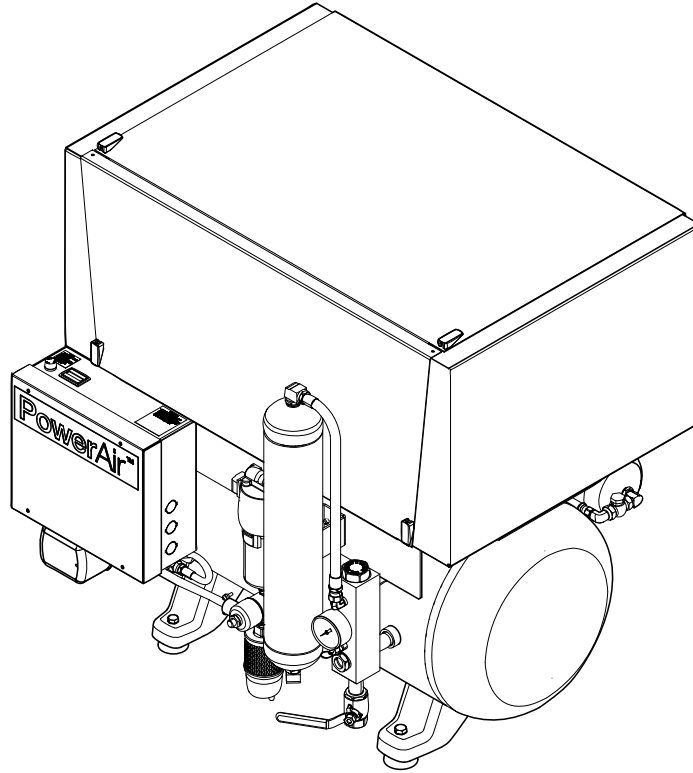


Equipment Alert

Verify all leaks are sealed. Air leaks are the main cause of premature compressor failures!

Specification Sheet

PowerAir™ Compressors



Classifications: Class 1, No Applied Part

AA183300

Model	# Users	CFM @ 80 PSI	Total HP	Tank Capacity	Voltage	Total Amps	Breaker Size	Sound Level (dBA)	Sound Level (dBA) With Quiet Cover	Dimensions H x W x D (IN.)	Dimensions With Sound Cover H x W x D (IN.)	Product Weight (LBS.)
P21	1 - 3	5.2	1.5	10	115	16.0	20	65	60	27 x 26 x 24	32 x 26 x 25	225
P22	1 - 3	5.2	1.5	10	208-230	7.0	20	65	60	27 x 26 x 24	32 x 26 x 25	225
P32	3 - 5	7.8	2.25	20	208-230	11.0	20	67	62	29 x 33 x 26	33 x 33 x 28	295
P52	5 - 7	10.6	3.2	20	208-230	20.0	30	70	65	31 x 33 x 26	33 x 33 x 28	345
P72	7 - 10	15.9	4.8	32	208-230	29.0	40	73	68	33 x 40 x 27	39 x 40 x 30	425

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