

**MONONGAHELA VALLEY ASSOCIATION OF HEALTH CENTERS, INC.  
FAIRMONT, WEST VIRGINIA  
MVA CLINIC HRSA C8E GRANT RENOVATIONS**

**ADDENDUM #1**

**JUNE 30, 2022**

**THRASHER PROJECT #060-10257**

TO WHOM IT MAY CONCERN:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated June 2022. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

A Pre-Bid Conference was held on Wednesday, June 29, 2022, on the above-referenced project, a copy of the sign in sheet is included in this Addendum.

The following are clarifications for the above referenced project.

**A. GENERAL**

1. Davis-Bacon Act prevailing wage rates apply to this project. Davis-Bacon contract requirements and prevailing wage scale are attached to this addendum.
2. Asbestos Testing has been conducted for this project, identifying ACM in the exterior siding, and window glazing of the house on Hillside Drive, and in VCT Mastic in Room 231 of the clinic. A copy of the Report is available upon request.
3. The Owner will engage a qualified asbestos removal agency to perform abatement services.

**B. SPECIFICATIONS**

1. REMOVED: General Conditions – Small City Block Grant Supplemental Conditions.
2. ADDED: General Conditions - Davis-Bacon Contract Requirements and Prevailing Wage Scale.

**C. DRAWINGS**

1. ADDED: MEP: Legend and Notes  
PD1.01: Plumbing Demolition Plans  
P1.01: Plumbing Plan  
MD1.01: First Floor HVAC Demolition Plan  
MD1.02: Second Floor HVAC Demolition Plan  
M1.01: First Floor HVAC Plan

M1.02: Second Floor HVAC Plan  
ED1.01: Electrical Demolition Plan  
E1.01: First Floor Lighting Plans  
E1.02: Second Floor Lighting Plan  
E2.01: First Floor Power Plans  
E2.02: Second Floor Power Plan

**D. QUESTIONS AND RESPONSES**

None on This Addendum

**E. CLARIFICATIONS**

As a reminder, project bids are due by 2:00 p.m. on July 20, 2022. If you have any questions or comments, please contact Tesla Smith, [tdsmith@thethrashergroup.com](mailto:tdsmith@thethrashergroup.com) at your earliest convenience. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



Philip Freeman, AIA, Architect

**MONONGAHELA VALLEY ASSOCIATION OF HEALTH CENTERS**  
**MARION COUNTY, WEST VIRGINIA**  
**MVA CLINIC H8F RENOVATIONS #060-10256**  
**MVA CLINIC C8E RENOVATIONS #060-10257**

**PRE-BID CONFERENCE**  
 Wednesday, June 29, 2022

Name	Representing	Phone #	Email Address
PHILIP M FREEMAN	THRASHER	304.423.5289	PFREEMAN@THETHRASHERGROUP.COM
Michael Sinisi	Dutton Mechanical	304-313-3019	mr8up1300@msn.com
Sean Cosco	Commercial Builders	304 292-1688	Sean@CommercialBuildersWV.COM
Justin Shirley	eSolutions	304-435-2927	mike@CommercialBuildersWV.COM
Kevin Crockett	MVA Health Centers, Inc	304-367-8770	estimating@esolutionsllc.net
NATE ZIRKLE	CITY CONSTRUCTION	304 623-2573	Kevin.crockett@mvahealth.org
ANDREW BALLING	FAIRCHANCE CONSTRUCTION	724-564-7485	NATE@CCCWV.US
			estimating@fairchanceconstruction.com

## **Davis Bacon Contract Requirements**

### **3. Contract and Subcontract provisions.**

(a) The Recipient shall insure that the **subrecipient(s)** shall insert in full in any contract in excess of \$2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a public building or public work, or building or work financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1, the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3) ), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

**Subrecipients** may obtain wage determinations from the U.S. Department of Labor's web site, [www.wdol.gov](http://www.wdol.gov).

(ii)(A) The **subrecipient(s)**, on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The EPA award official shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the **subrecipient(s)** agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the **subrecipient(s)** to the State award official. The State award official will transmit the report, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the and the **subrecipient(s)** do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the questions, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The **subrecipient(s)**, shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the **subrecipient**, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the **subrecipient** shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the **subrecipient** (s) for transmission to the State or EPA if requested by EPA, the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the **subrecipient** (s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5(a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5(a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### (4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator

determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may be appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7.



Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and **Subrecipient(s)**, State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

#### 4. **Contract Provision for Contracts in Excess of \$100,000.**

(a) Contract Work Hours and Safety Standards Act. The **subrecipient** shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFF [4.6](#). As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The **subrecipient**, upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and also a clause requiring the subcontractors to include these

clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.

(b) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in [29](#) CFR 5.1, the **Subrecipient** shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the **Subrecipient** shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

"General Decision Number: WV20220015 06/03/2022

Superseded General Decision Number: WV20210015

State: West Virginia

Construction Type: Building

County: Marion County in West Virginia.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories)

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658.

Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

---

If the contract is entered	. Executive Order 14026
into on or after January 30,	generally applies to the
2022, or the contract is	contract.
renewed or extended (e.g., an	. The contractor must pay
option is exercised) on or	all covered workers at
after January 30, 2022:	least \$15.00 per hour (or
	the applicable wage rate
	listed on this wage

| determination, if it is  
| higher) for all hours  
| spent performing on the  
| contract in 2022.

---

|  
| If the contract was awarded on | . Executive Order 13658  
| or between January 1, 2015 and | generally applies to the  
| January 29, 2022, and the | contract.  
| contract is not renewed or | . The contractor must pay  
| all | covered workers at least  
| extended on or after January | \$11.25 per hour (or the  
| 30, 2022: | applicable wage rate  
| listed | on this wage  
| determination, | if it is higher) for all  
| hours spent performing on  
| that contract in 2022.

---

|

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Modification Number	Publication Date
0	01/07/2022
1	02/18/2022
2	02/25/2022
3	05/06/2022
4	06/03/2022

ASBE0002-002 08/01/2021

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 43.15	36.5

---

BOIL0667-005 01/01/2021

	Rates	Fringes
BOILERMAKER.....	\$ 41.63	26.38

---

BRWV0015-004 06/01/2021

	Rates	Fringes
BRICKLAYER Bricklayer & Brick Pointer/Caulker/Cleaner.....	\$ 30.25	24.58

---

BRWV0015-010 06/01/2021

	Rates	Fringes
MASON - STONE.....	\$ 30.25	24.58

---

CARP0436-003 12/01/2021

	Rates	Fringes
CARPENTER (Including Drywall Hanging, Drywall Finishing and Form Work).....	\$ 30.96	24.19

-----

CARP0443-009 05/01/2021

	Rates	Fringes
MILLWRIGHT.....	\$ 35.50	26.75

-----

\* ELEC0596-006 06/01/2022

	Rates	Fringes
ELECTRICIAN.....	\$ 37.21	26.42

-----

ENGI0132-006 12/01/2018

	Rates	Fringes
POWER EQUIPMENT OPERATOR:		
GROUP 1.....	\$ 39.56	19.95
GROUP 2.....	\$ 39.21	19.95
GROUP 3.....	\$ 38.21	19.95
GROUP 4.....	\$ 27.71	19.95

GROUP 1: All Friction Cranes, Tower Cranes and all Cranes with 180 ft. or more of boom including mast and jibs or lifting capacity of 100 tons or more and hoists with 30,000 pound line pull or more

GROUP 2: Operating Cranes and Tower Cranes with a lifting capacity of 15 tons and over

GROUP 3: Backhoe, Excavator, Bulldozer, all other Cranes

GROUP 4: Bobcat/Skid Steer/Skid Loader, Oiler

-----  
-----  
IRON0549-008 12/01/2021

	Rates	Fringes
IRONWORKER (Ornamental, Reinforcing, and Structural).....	\$ 34.44	24.61

-----  
-----  
LABO0379-008 06/01/2017

	Rates	Fringes
LABORER		
Carpenter Tender.....	\$ 21.94	15.75
Common or General.....	\$ 21.58	15.75
Concrete Worker.....	\$ 21.94	15.75
Mason Tender - Cement/Concrete.....	\$ 21.94	15.75

-----  
-----  
LABO0984-007 12/01/2020

	Rates	Fringes
LABORER		
Group 1.....	\$ 21.58	15.75
Group 2.....	\$ 21.94	15.75

LABORER CLASSIFICATIONS

GROUP 1: Water Boy

GROUP 2: Dewatering, Grade Checker, Mason Tender-Brick,  
Mortar Mixer, Rigging and Signaling, Scaffold Builder  
(Brick and Masonry), Skytrak Forklift Operator

-----  
-----  
LABO1149-004 12/01/2020

	Rates	Fringes
LABORER		
Asphalt Raker.....	\$ 21.72	16.25

-----  
 -----  
 PAIN0091-012 12/01/2021

	Rates	Fringes
PAINTER (Brush, Roller and Spray).....	\$ 27.17	18.07

-----  
 -----  
 PAIN1195-002 12/01/2021

	Rates	Fringes
GLAZIER.....	\$ 31.50	11.38

-----  
 -----  
 PLAS0926-007 06/01/2018

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 31.63	21.26

-----  
 -----  
 PLUM0152-009 11/01/2021

	Rates	Fringes
PLUMBER.....	\$ 32.54	37.10

-----  
 -----  
 PLUM0152-010 11/01/2021

	Rates	Fringes
PIPEFITTER (Includes HVAC Pipe Installation).....	\$ 32.54	37.10

-----  
 -----  
 SFWV0669-003 04/01/2022



	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 36.64	27.17

---

-----  
 SHEE0033-003 12/01/2020

	Rates	Fringes
SHEET METAL WORKER (Includes HVAC Duct Installation).....	\$ 31.32	25.55

---

-----  
 \* UAVG-WV-0004 01/01/2019

	Rates	Fringes
LABORER (Pipelayer).....	\$ 24.06	16.34

---

-----  
 SUWV2012-013 08/13/2012

	Rates	Fringes
OPERATOR: Forklift.....	\$ 33.09	3.00
ROOFER.....	\$ 24.28	9.32
Truck Driver: Single and Double Axle Dump Trucks.....	\$ 28.52	3.00

---

-----  
 WELDERS - Receive rate prescribed for craft performing  
 operation to which welding is incidental.

=====

=====  
 Note: Executive Order (EO) 13706, Establishing Paid Sick  
 Leave

for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

-----  
-----

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the

cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

-----  
-----

#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.

Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator

(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====  
=====

END OF GENERAL DECISION"

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE, OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED.  
COPYRIGHT © 2021 THE THRASHER GROUP, INC.

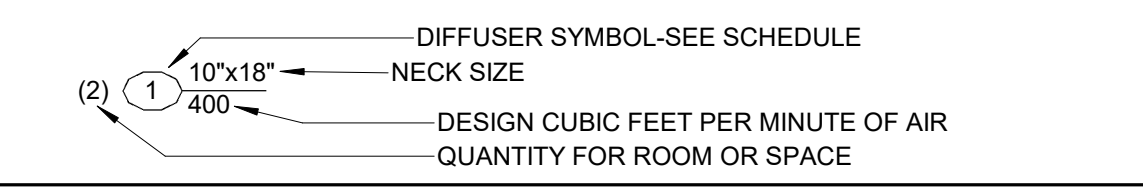


### PLUMBING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	TURN UP OR FROM BELOW
	TURN DOWN
	VENT THRU ROOF
	BALL VALVE
	CHECK VALVE
	UNION
	GAS VALVE
	GAS VALVE IN VERTICAL
	SHOCK ABSORBER, LETTER DESIGNATES SIZE
	PRESSURE REGULATING VALVE
	FLOOR CLEANOUT
	SURFACE CLEANOUT
	FLOOR DRAIN
	FLOOR SINK
	FIXTURE DESIGNATION
	ABOVE GRADE RAINWATER CONDUCTOR
	STRAINER
	COLD WATER PIPE (CW)
	HOT WATER PIPE (HW)
	(HW) PIPE @140°F
	HOT WATER RECIRCULATING (HWC)
	BELOW GRADE STORM DRAIN
	SANITARY SEWER
	ACID WASTE PIPING
	ACID VENT PIPING
	VENT PIPING
	GAS PIPING
	WALL HYDRANT
	ROOF DRAIN
	FORCE MAIN PIPING
	FIRE PROTECTION PIPING
	CONDENSATE DRAIN PIPING
	DOWNSPOUT NOZZLE
	SECONDARY ROOF DRAIN
	KITCHEN EQUIPMENT NUMBER

### MECHANICAL LEGEND

SYMBOL	DESCRIPTION
	CIRCUIT SETTER (GPM INDICATED ON PLANS)
	ROUND FLEXIBLE DUCT (ONLY @ DIFFUSER CONNECTION)
	FIRE DAMPER
	MANUAL BALANCING DAMPER
	SUPPLY DUCT RISER
	RETURN OR OUTSIDE AIR DUCT RISER
	EXHAUST AIR DUCT RISER
	DUCT SIZE INSIDE DIMENSIONS - 24"W x 10"D
	DUCT SIZE - 10" DIAMETER
	THERMOSTAT
	HUMIDISTAT
	CONNECT TO EXISTING
	WIRE GUARD
	EXISTING
	DUCT MOUNT SMOKE DETECTOR
	LOOP SUPPLY PIPING
	LOOP RETURN PIPING
	DEMOLITION NOTE



### ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISH FLOOR
BTU	BRITISH THERMAL UNIT
DN	DOWN
GC	GENERAL CONTRACTOR
GPM	GALLON PER MINUTE
NTS	NOT TO SCALE
PC	PLUMBING CONTRACTOR
(TYP)	TYPICAL
VTR	VENT THRU ROOF
W	WITH
WG	WIRE GUARD
WP	WEATHER PROOF

### GENERAL PLUMBING NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF INTERNATIONAL PLUMBING CODE & LOCAL AUTHORITIES HAVING JURISDICTION.
- ALL PIPING IN EXTERIOR WALLS TO BE RUN ON BUILDING SIDE OF INSULATION.
- PIPING LAYOUT IS SCHEMATIC, EXACT LOCATIONS OF PIPES TO BE COORDINATED WITH BUILDING STRUCTURE AND WORK OF OTHER TRADES.
- MINIMUM PIPE SLOPE ON THE DRAINAGE AND VENT SYSTEM WITHIN THE BUILDING.  
A. 2" PIPING SHALL SLOPE AT LEAST 1/4" PER FOOT.  
B. ALL PIPE 3" AND LARGER SHALL SLOPE AT LEAST 1/8" PER FOOT.
- PIPING SHALL NOT BE ROUTED ABOVE ELECTRIC PANELS.
- COORDINATE PIPING IN TOILET AREAS WITH RECESSED TOILET ACCESSORIES. OFFSET PIPING AS REQUIRED TO ALLOW RECESS OF THESE ITEMS. SEE ENLARGED TOILET PLANS FOR LOCATIONS.
- NOT ALL PLUMBING FIXTURES, ACCESSORIES AND PIPE SIZES ARE NECESSARILY SHOWN ON THIS DRAWING. REFER TO ALL OTHER SECTIONS, DETAILS, RISERS, PLANS AND SPECIFICATIONS FOR THIS PROJECT FOR COMPLETE SYSTEM REQUIREMENTS.
- ALL PENETRATIONS THROUGH FIRE/SMOKE RATED CONSTRUCTION WILL BE SEALED WITH A FIRE RATED CAULK EQUAL TO OR EXCEEDING THE CONSTRUCTION FIRE RATING.
- COORDINATE FINAL LOCATION OF PLUMBING FIXTURES, PIPING, ACCESSORIES, ETC. WITH GENERAL CONTRACTOR BEFORE FABRICATION OR INSTALLATION.
- COORDINATE ALL PENETRATIONS OF FLOORS, ROOF, WALLS, ETC. WITH GENERAL CONTRACTOR.

### GENERAL MECHANICAL NOTES

- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE HVAC SYSTEM AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
- CERTAIN ITEMS SUCH AS RISES AND DROPS IN DUCTWORK, ACCESS DOORS, VOLUME DAMPERS, ETC., ARE INDICATED FOR CLARITY IN CERTAIN AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF PROVIDING THESE ITEMS NOT SHOWN IN OTHER AREAS AS REQUIRED FOR A COMPLETE INSTALLATION.
- REFER TO CLASSROOM CONTROL PANEL DETAIL FOR MOUNTING HEIGHT OF CO2 SENSOR, HUMIDITY SENSOR, AND TEMPERATURE SENSOR.
- ALL DUCTWORK SHALL CLEAR DOORS AND WINDOWS.
- ALL DUCTWORK DIMENSIONS, AS SHOWN ON DRAWINGS, ARE INTERNAL CLEAR DIMENSIONS. DUCT SIZE SHALL BE INCREASED IN SIZE TO COMPENSATE FOR INTERNAL LININGS.
- COORDINATE DIFFUSER, REGISTER, AND GRILLE LOCATIONS WITH ARCHITECTURAL PLANS, LIGHTING, AND OTHER ITEMS LOCATED IN CEILING.
- LOCATE ALL MECHANICAL EQUIPMENT FOR UNOBSTRUCTED ACCESS TO UNIT ACCESS PANELS, CONTROLS, AND VALVING.
- PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCTWORK SYSTEMS CONNECTED TO AIR HANDLING UNITS, RTU, EXHAUST FANS, AND OTHER EQUIPMENT THAT REQUIRE VIBRATION ISOLATION. FLEXIBLE CONNECTIONS SHALL BE PROVIDED AT THE POINT OF CONNECTION UNLESS NOTED OTHERWISE.
- RUNS OF FLEXIBLE DUCTWORK SHALL NOT EXCEED 5 FEET.
- ALL DUCTWORK SHALL BE COORDINATED WITH OTHER TRADES. OFFSETS AND TRANSITIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE ACCESS DOORS IN DUCTWORK WHERE REQUIRED.
- ALL DUCTS SHALL BE GROUNDED ACROSS FLEXIBLE CONNECTIONS WITH FLEXIBLE COPPER GROUNDING STRAPS.
- SMOKE DETECTORS SHALL BE FURNISHED AND WIRED BY THE ELECTRICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR MOUNTING THE SMOKE DETECTOR IN THE DUCTWORK.
- CONTROL RELAYS SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND MOUNTING THE RELAY IN THE EQUIPMENT.
- TURNING VANES SHALL BE INSTALLED IN ALL RECTANGULAR DUCT ELBOWS THAT EXCEED 45° CHANGE IN DIRECTION.

### ELECTRICAL SYMBOL LEGEND

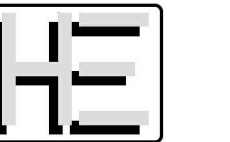
SYMBOL	DESCRIPTION	MT HEIGHT UNO
(A)	PLAN NOTE	
	WIRING IN CONDUIT CONCEALED IN CEILING, OR IN WALL. CONDUIT AND WIRE AS REQUIRED BY CODE UNLESS OTHERWISE NOTED.	
	CONDUIT STUBBED OUT	
HA-1	BRANCH CIRCUIT, "HA" DESIGNATES PANEL "1" DESIGNATES CIRCUIT NUMBER	
	SINGLE RECEPTACLE, NEMA CONFIGURATION TO MATCH EQUIPMENT	16" AFF
	GROUNING TYPE DUPLEX RECEPTACLE	16" AFF
	GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE	16" AFF
	GROUND DUPLEX RECEPTACLE MOUNTED IN TWO-GANG BOX CLOCK OUTLET, SINGLE-GANG BOX W/ 3/4" CONDUIT	16" AFF
80" AFF		80" AFF
JB	JUNCTION BOX	
	RECESSED LED LIGHT FIXTURE	
	CEILING MOUNTED LED LIGHT FIXTURE	
	SURFACE LED STRIP LIGHT FIXTURE	
EM	EMERGENCY LIGHT FIXTURE	
	EMERGENCY LIGHT FIXTURE	
	PENDANT MOUNT LIGHT FIXTURE	
	WALL MOUNTED LIGHT FIXTURE	
	EXIT SIGN WALL MOUNTED WITH REMOTE HEAD.	

### GENERAL ELECTRICAL NOTES

- COORDINATE LOCATIONS OF CEILING-MOUNTED LIGHTING FIXTURES, SPEAKERS AND OTHER ITEMS WITH THE CEILING PATTERN AND MECHANICAL EQUIPMENT.
- CENTER WALL-MOUNTED LIGHTING FIXTURES DIRECTLY OVER ANY RELATED LAVATORY, MIRROR OR OTHER EQUIPMENT.
- LOCATE FLOOR SERVICE FITTINGS, FLOOR BOXES AND FLOOR CONDUIT TERMINATIONS APPROXIMATELY AS INDICATED, EXACTLY AS NECESSARY OR AS DIRECTED TO COORDINATE WITH THE ASSOCIATED FURNISHINGS OR EQUIPMENT.
- LOCATE DUPLEX RECEPTACLES DESIGNATED "EWC" TO BE CONCEALED BY THE ASSOCIATED WATER COOLER.
- LOCATE SNAP SWITCHES APPROXIMATELY 4 TO 6 INCHES FROM THE LATCH SIDE OF THE RELATED DOOR FRAME WHERE POSSIBLE, EXCEPT AS NOTED OTHERWISE.
- LOCATE SNAP SWITCHES DIRECTLY UNDER THERMOSTATS WHERE THEY ARE SHOWN IN CLOSE PROXIMITY (SEE MECHANICAL DRAWINGS).
- LOCATE WALL BOXES APPROXIMATELY AS INDICATED, EXACTLY AS DIRECTED OR AS NECESSARY TO ACHIEVE SYMMETRY AND COORDINATED WITH THE BUILDING, FINISHES AND EQUIPMENT.
- LOCATE ALL BOXES TO BE ACCESSIBLE MOUNT FLUSH BOXES WITH THEIR FRONT EDGES EVEN WITH THE FINISHED SURFACE OF COMBUSTIBLE MATERIALS, WITHIN 1/4 INCH OF NON-COMBUSTIBLE MATERIALS.
- MOUNT SINGLE-GANG BOXES WITH THE LONGER DIMENSION VERTICAL EXCEPT AS NOTED OTHERWISE.
- DO NOT INSTALL BOXES BACK TO BACK ON BOTH SIDES OF A PARTITION. OFFSET BOXES A MINIMUM OF 6 INCHES EXCEPT AS NOTED OTHERWISE.
- LOCATE ALL RACEWAYS TO AVOID INTERFERENCE WITH DUCTS, PIPES, MECHANICAL EQUIPMENT, WITH THE REMOVAL OF CEILING TILE, OR WITH ACCESS TO EQUIPMENT THAT REQUIRES PERIODIC ADJUSTMENT OR MAINTENANCE.
- DO NOT SUPPORT RACEWAYS OR EQUIPMENT FROM PIPES, DUCTS, OR A CEILING SUSPENSION SYSTEM.
- BRANCH CIRCUIT AND FEEDERS ARE DESIGNATED BY A NUMBER AND LETTER.
- INSTALL FEEDER RACEWAYS WITH NO MORE THAN 3 CURRENT-CARRING CONDUCTORS PLUS A NEUTRAL CONDUCTOR, PLUS A GROUND CONDUCTOR.
- INDICATED BRANCH CIRCUIT CONDUCTOR SIZES ARE BASED ON NO MORE THAN 3 CURRENT-CARRYING CONDUCTORS AND A NON-CURRENT-CARRYING NEUTRAL CONDUCTOR IN EACH RACEWAY, WHERE THE NUMBER OF CONDUCTORS EXCEEDS THIS AMOUNT, ADJUST THE CONDUCTOR SIZES IF AND AS NECESSARY TO ACCOUNT FOR DERATING THEIR AMPACITY IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- FROM EACH FLUSH MOUNTED PANELBOARD EXTEND A MINIMUM OF THREE EMPTY 3/4" CONDUITS TO ABOVE AN ACCESSIBLE CEILING AND CAP.
- PROVIDE AN ADJACENT DISCONNECT SWITCH FOR EACH ELECTRIC UNIT HEATER.
- IN MECHANICAL ROOMS ADJUST LIGHTING FIXTURE LOCATIONS AS NECESSARY TO COORDINATE WITH EQUIPMENT AND TO PROVIDE OPTIMUM ILLUMINATION.
- LOCATE TV AND DATA OUTLETS APPROXIMATELY AS SHOWN ON DRAWINGS. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
- WHERE EMERGENCY LIGHTING FIXTURES ARE CONTROLLED BY ONE OR MORE WALL SWITCHES, PROVIDE AN UNSWITCHED CIRCUIT CONDUCTOR FOR OPERATION OF THE EMERGENCY CONTROLS.
- PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH DIMMED LIGHTING CIRCUIT.
- COORDINATE OUTLET LOCATIONS AND CIRCUIT RATINGS WITH THE EQUIPMENT SHOWN ON THE MECHANICAL AND PLUMBING DRAWINGS AND WITH ALL EQUIPMENT AND FURNISHINGS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH SPECIFICATIONS AND AS REQUIRED BY THE NATIONAL ELECTRIC CODE.
- ALL WORK SHALL COMPLY WITH NFPA 70.
- ELECTRICAL BRANCH CIRCUITS SHALL NOT SHARE A COMMON NEUTRAL.

	NO.	BY	DATE	DESCRIPTION

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE, OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2021 THE THRASHER GROUP, INC.



**Harper Engineering**

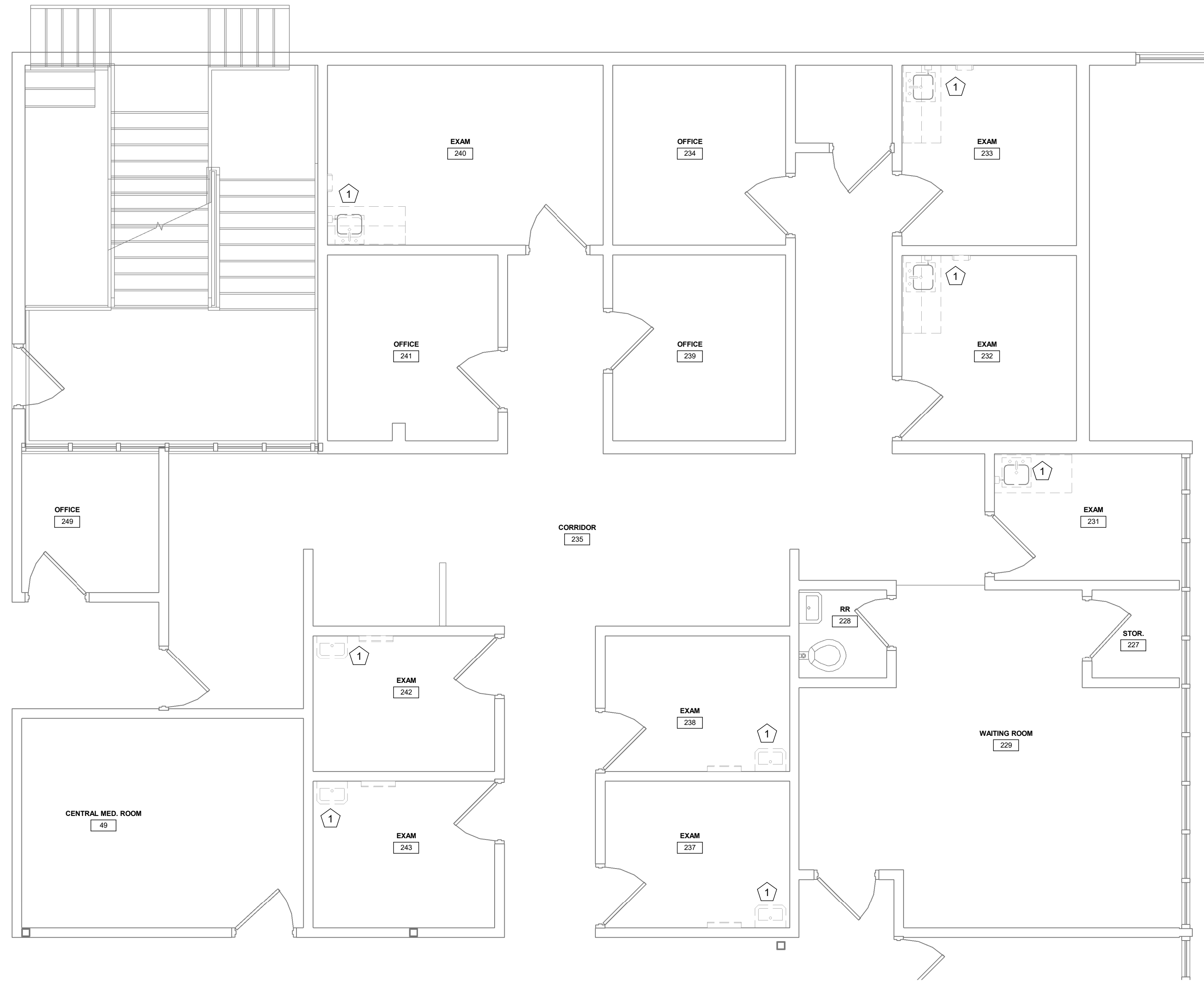
52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



6/20/2022

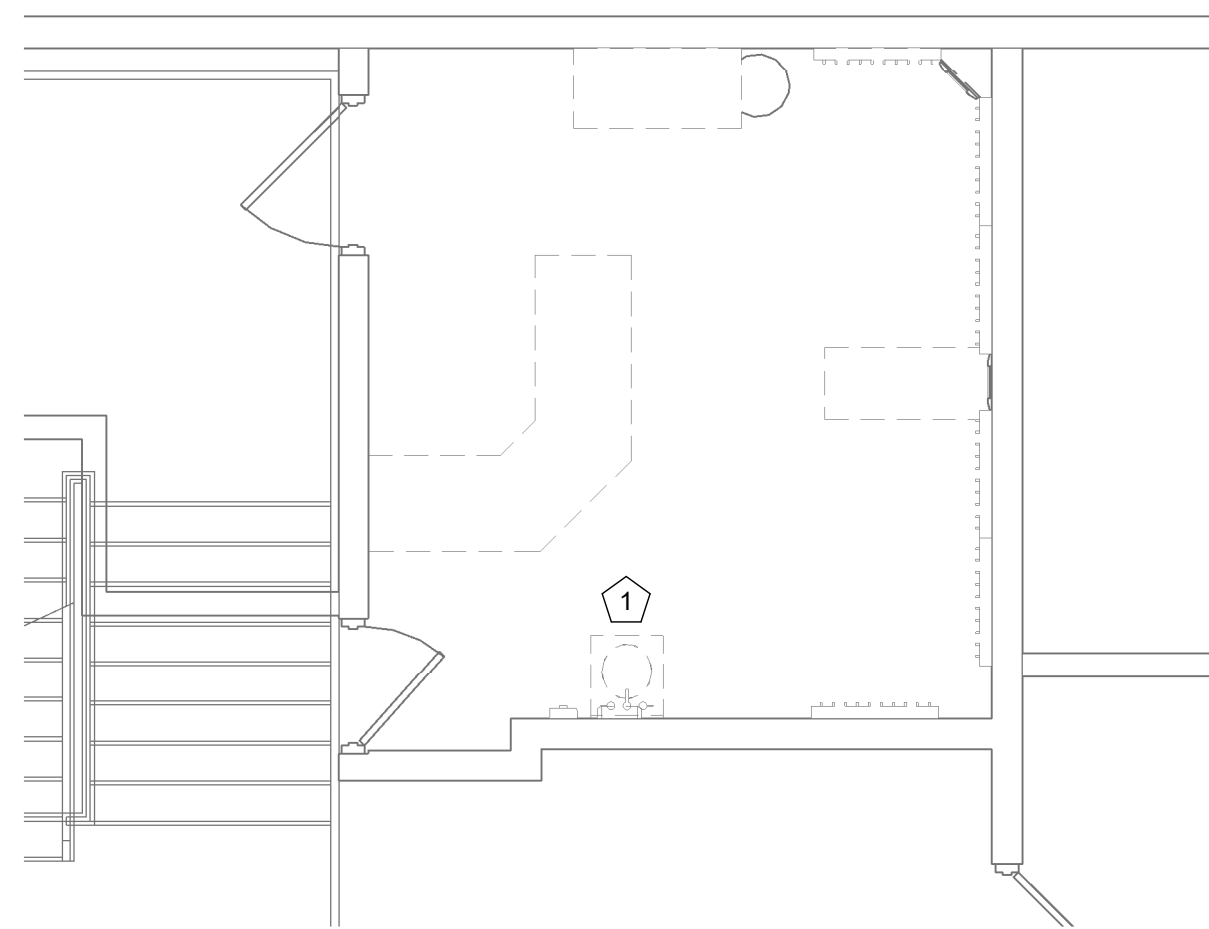
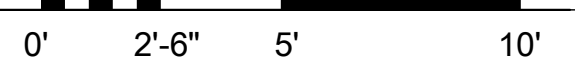
**DEMO NOTES:** #

1. REMOVE EXISTING SINK. MODIFY EXISTING SANITARY, HOT WATER AND COLD WATER LINES FOR NEW SINK.
2. REMOVE EXISTING WATER COOLER. CUT AND CAP SUPPLY LINES ABOVE CEILING. CAP SANITARY LINE TO BELOW FLOOR. PATCH TO MATCH ADJACENT FLOORING.



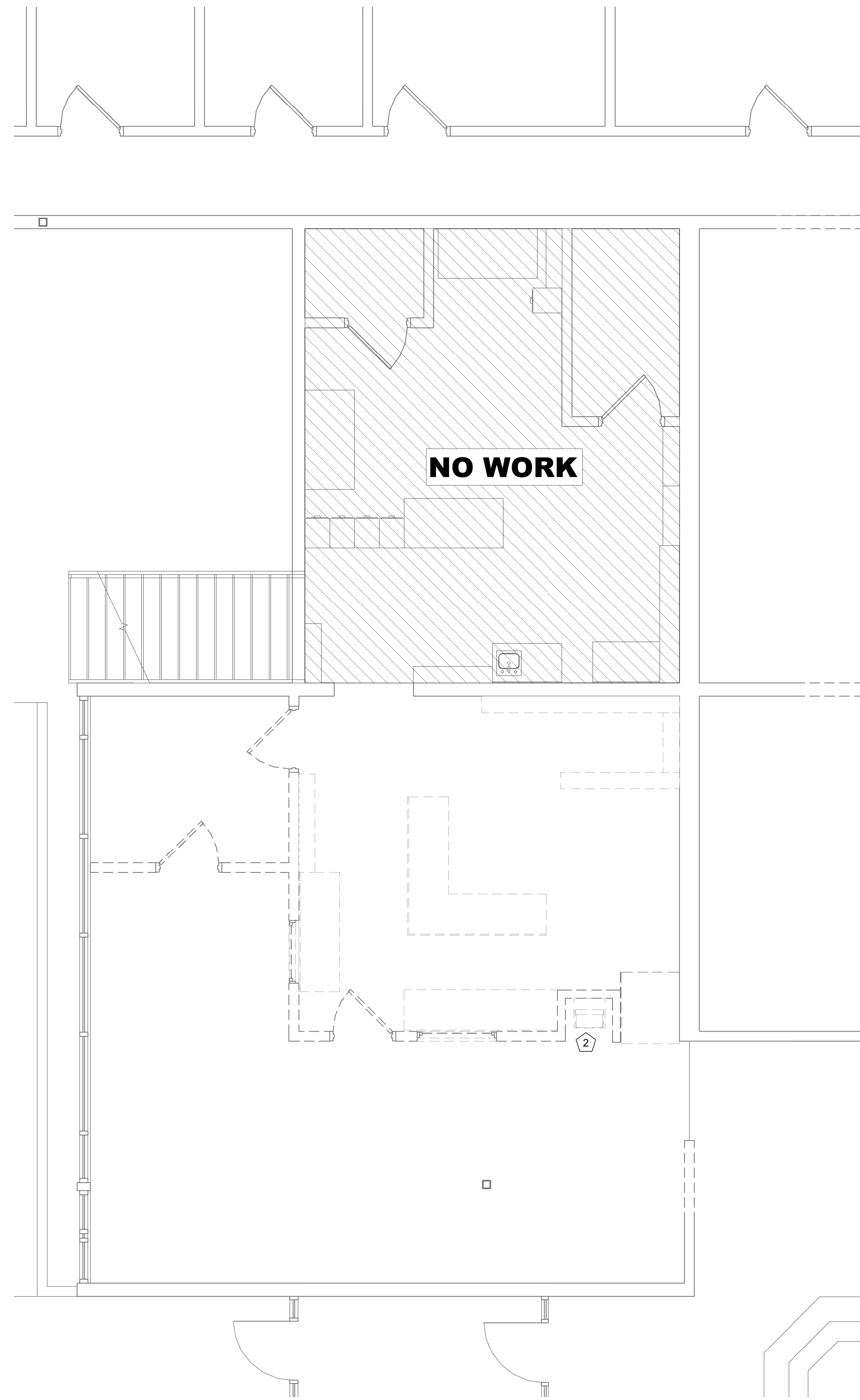
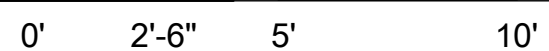
**SECOND FLOOR PLUMBING DEMOLITION**

**3 PLAN**  
PD1.01 1/4" = 1'-0"



**FIRST FLOOR OPTICAL PLUMBING DEMOLITION PLAN**

**2**  
PD1.01 1/4" = 1'-0"



**FIRST FLOOR PHARMACY PLUMBING DEMOLITION PLAN**

**1**  
PD1.01 1/4" = 1'-0"



NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**

MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: JRD DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

PLUMBING DEMOLITION PLANS

SHEET No.

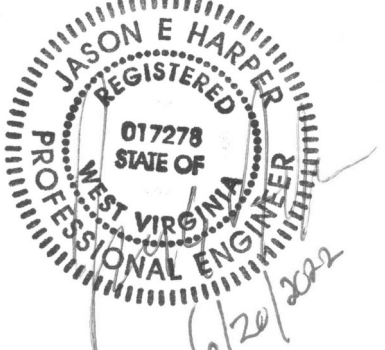
**PD1.01**



THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE, OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2021 THE THRASHER GROUP, INC.



**Harper Engineering**  
52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**

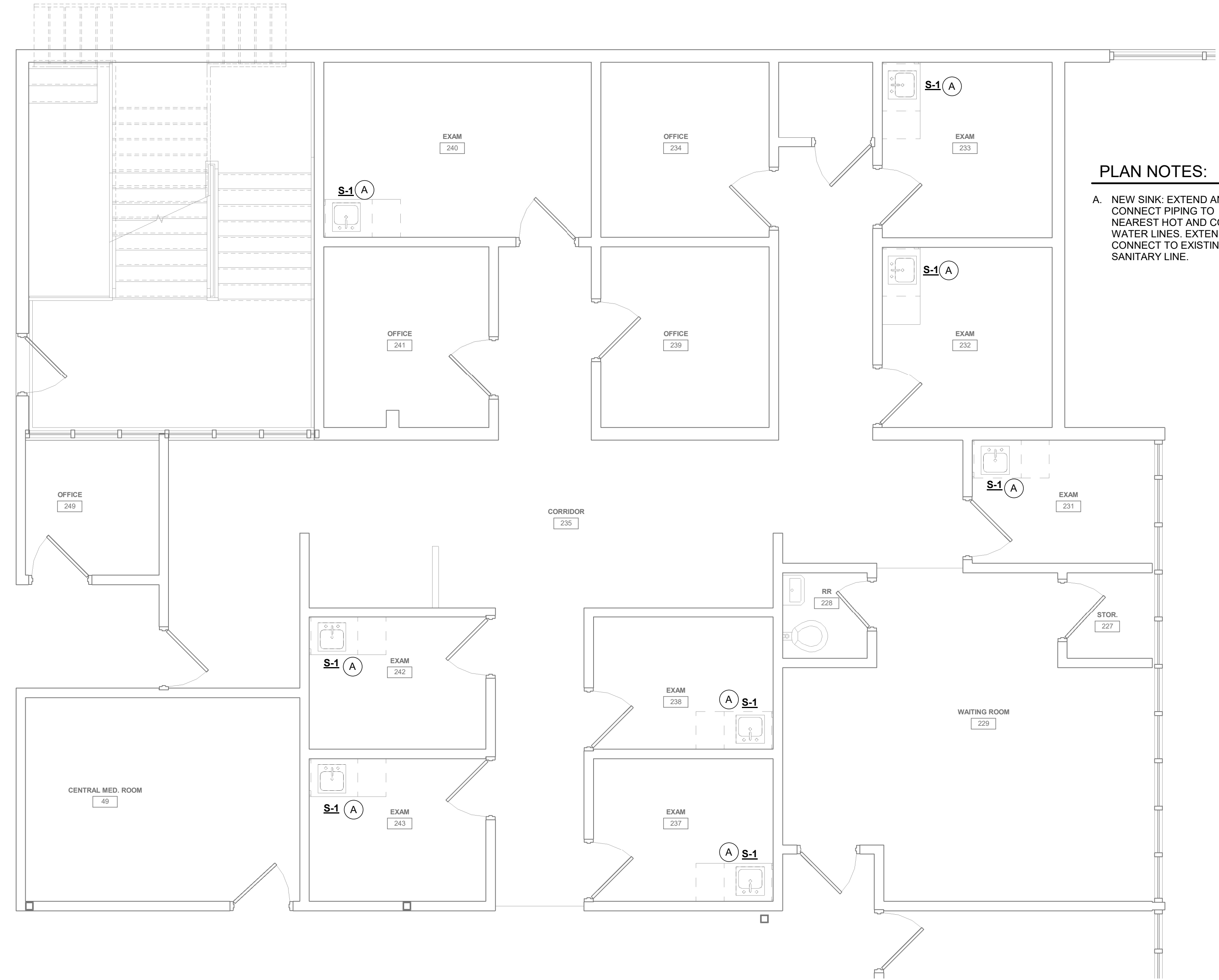
MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: JRD DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

**PLUMBING PLANS**

SHEET No.

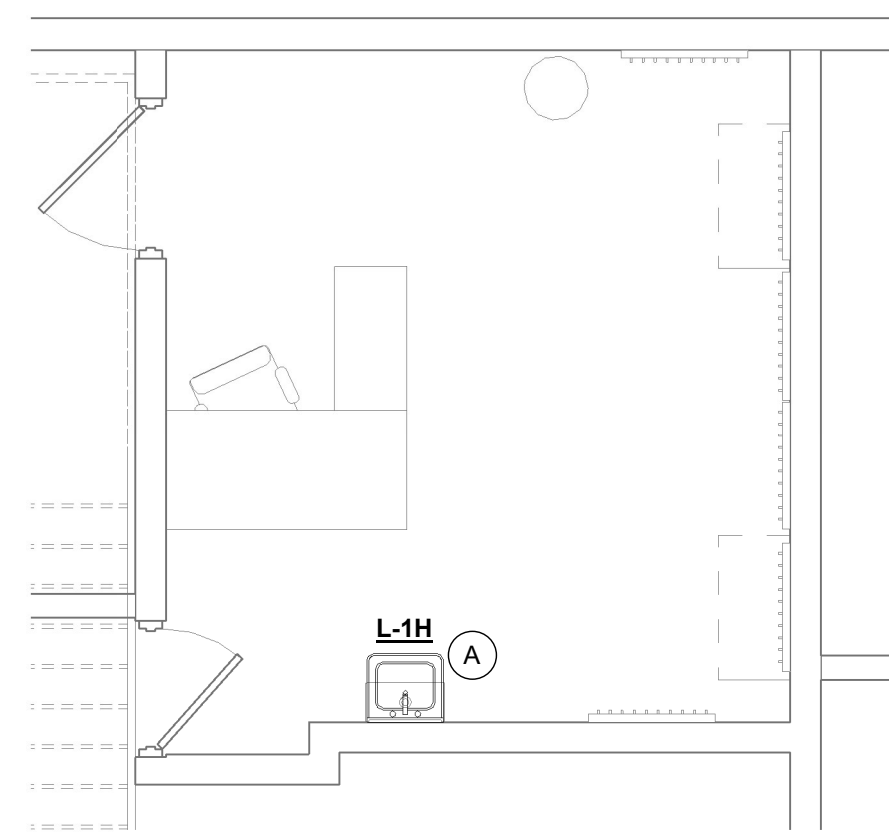
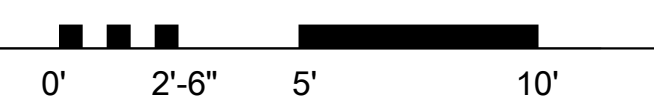


**PLAN NOTES:** (X)

- A. NEW SINK: EXTEND AND CONNECT PIPING TO NEAREST HOT AND COLD WATER LINES. EXTEND AND CONNECT TO EXISTING SANITARY LINE.

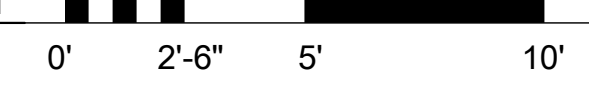
**2 SECOND FLOOR PLUMBING PLAN**

P1.01 1/4" = 1'-0"



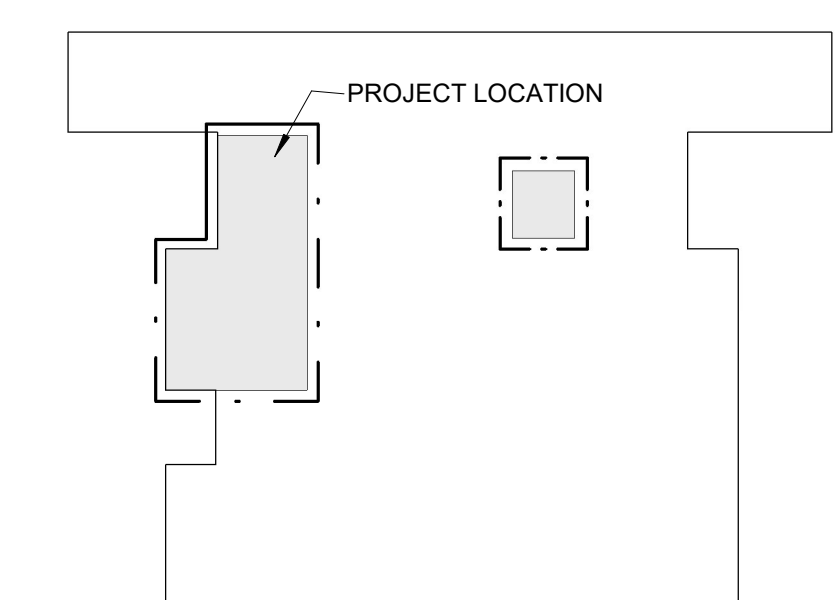
**1 FIRST FLOOR OPTICAL PLUMBING PLAN**

P1.01 1/4" = 1'-0"

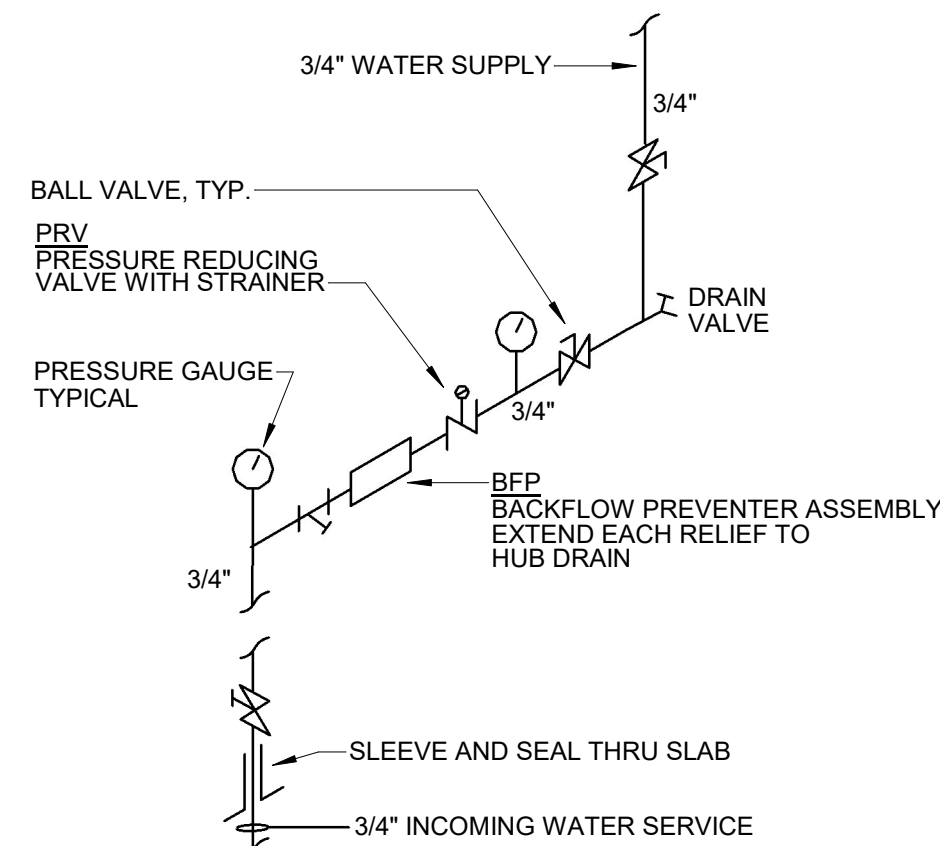


PLUMBING FIXTURE SCHEDULE						
MARK	DESCRIPTION	HW	CW	SAN	VENT	MOUNTING HEIGHT
S-1	COUNTER SINK JUST MODEL SL-1617-A-GR, 18 GAUGE STAINLESS STEEL SINK PUNCHED 8" ON CENTER. PROVIDE J-35 STRAINER AND ZURN #Z871B3 WIDESPREAD FAUCET, 5 2/8" GOOSENECK SPOUT, LEVER HANDLES LOOSE KEY STOPS, SUPPLY KIT AND TAIL PIECE.	1/2"	1/2"	1 1/2"	1 1/2"	COUNTER DROP-IN
L-1H	LAVATORY: DURAVIT 070225 VERO HAND RINSE BASIN WALL MOUNT LAVATORY WITH OVERFLOW. FAUCET DECK WITH SINGLE PUNCHED HOLE; C.1 SINGLE HANDLE LAVATORY FAUCET "S" MODEL C11010002 CHROME FINISH. INSTALL PER MANUFACTURERS WRITTEN INSTALLATION INSTRUCTION.	1/2"	1/2"	1 1/4"	1 1/4"	WALL 34" ADA

**KEY PLAN**

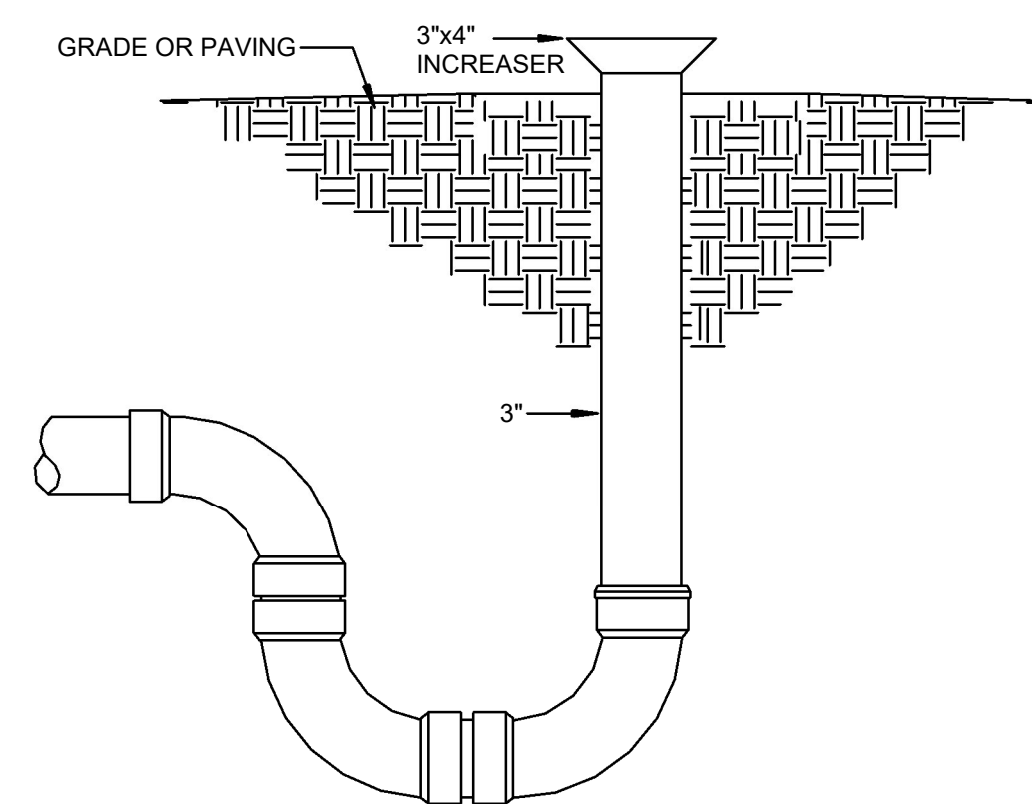


**LEGEND**  
 PROJECT BOUNDARY  
 PROJECT AREA TO BE RENOVATED



**WATER ENTRANCE DETAIL**

NTS



**HUB DRAIN DETAIL**

NTS

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE, OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2021 THE THRASHER GROUP, INC.



**Harper Engineering**

52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**

MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: wbb DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

FIRST FLOOR HVAC DEMOLITION PLAN

SHEET No.

**MD1.01**

**GENERAL DEMO NOTES:**

1. CONTRACTOR SHALL CLEAN, PATCH, AND REPAIR ALL SURFACES DAMAGED BY DEMOLITION, ALTERATIONS, OR INSTALLATION OF THE WORK, REFER TO SPEC. SECTION 017300 'EXECUTION'.
2. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION - ALL DISCREPANCIES SHALL BE NOTED AND SENT TO THE ARCHITECT WITH ADEQUATE TIME TO REVIEW PRIOR TO STARTING THAT PORTION OF THE WORK IN ORDER TO AVOID PROJECT DELAYS.
3. DRAWINGS ARE NOT INCLUSIVE. DISCONNECT AND REMOVE HVAC IN AREAS OF RENOVATIONS AS REQUIRED. THIS MAY INCLUDE BUT IS NOT LIMITED TO HVAC EQUIPMENT, DUCTWORK, HYDRONIC PIPING, GRILLES, AND CONTROLS DOWNSTREAM DEVICES TO REMAIN ACTIVE. COORDINATE WITH ARCHITECTURAL DRAWINGS AND VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS. EXTEND OF REMOVAL WORK, AND MAKE ALLOWANCE FOR SUCH WORK.
4. REFER TO PLANS FOR ADDITIONAL DETAILS.

**DUCT CLEANING NOTE:**

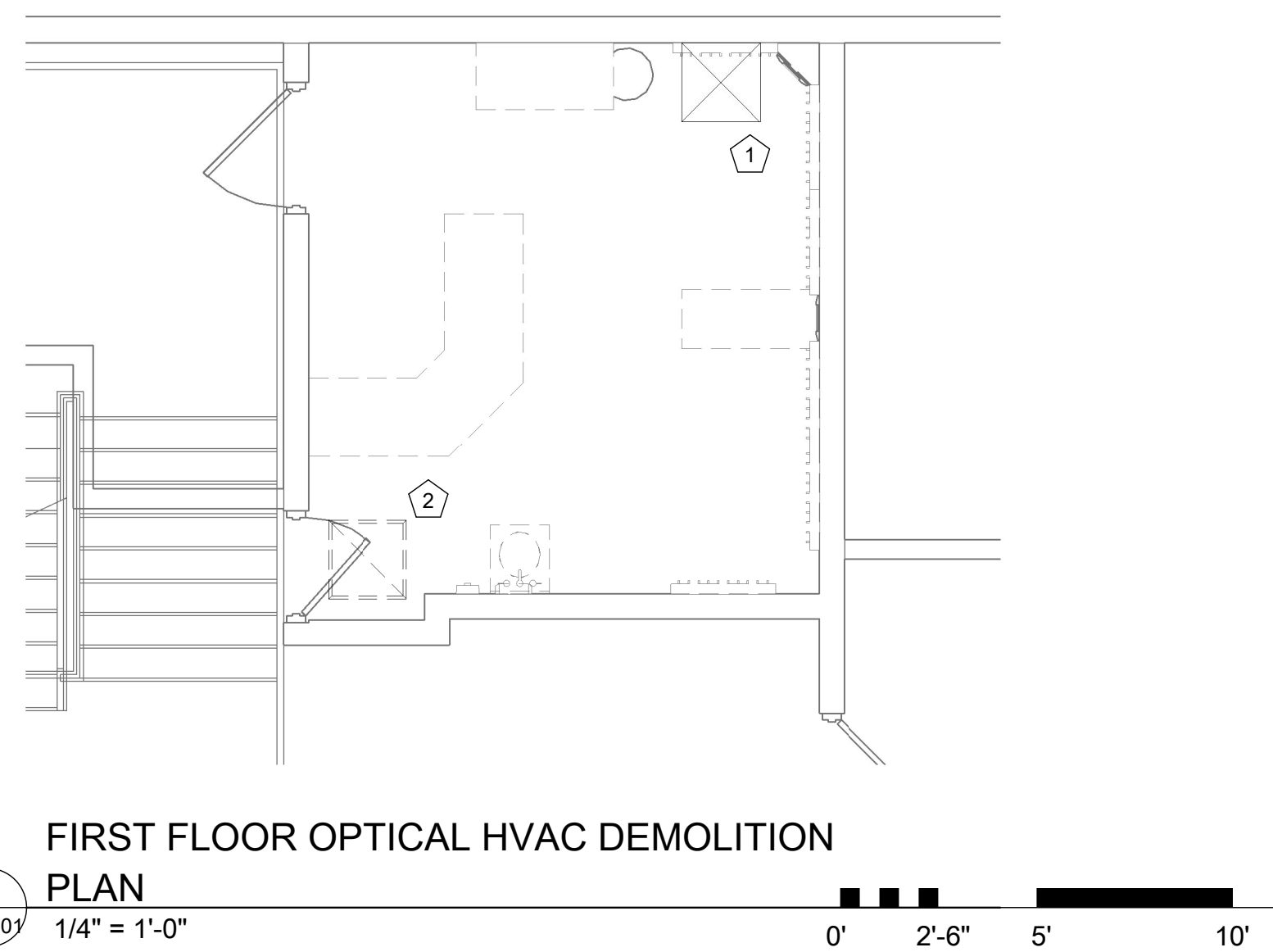
CLEAN EXISTING AND NEW SUPPLY AND RETURN AIR DUCTS PRIOR TO INSTALLING NEW EQUIPMENT. SEE SPECIFICATIONS.

**TAB NOTE:**

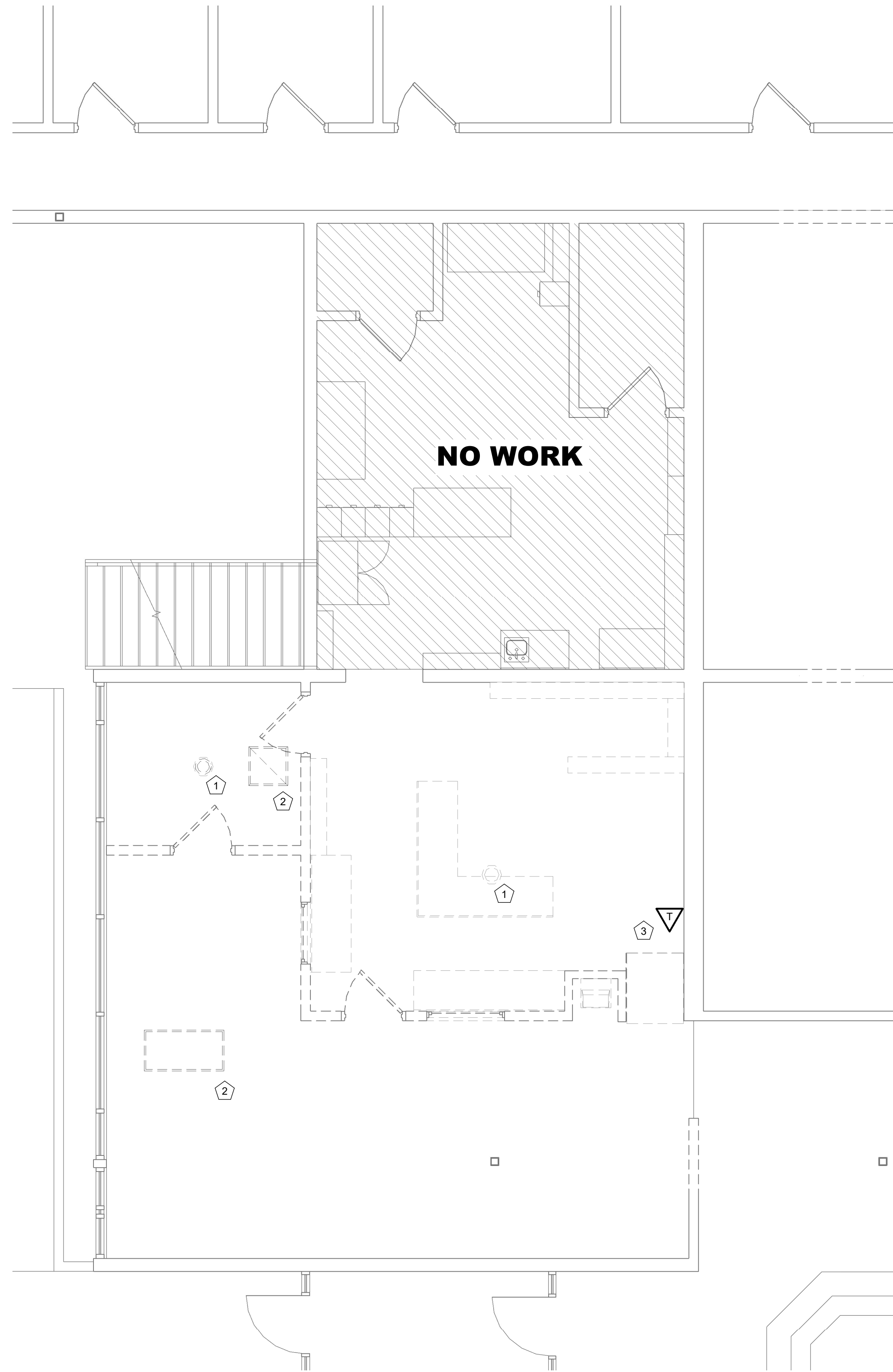
RECORD AIRFLOW VALUES FOR ALL GRILLES AND DIFFUSERS IN RENOVATION. PRIOR TO DEMOLITION SUBMIT TO A/E FOR REVIEW.

**DEMO NOTES:** #

1. REMOVE EXISTING SUPPLY DIFFUSER, FLEXIBLE DUCT, ECT AS REQUIRED FOR INSTALLATION OF NEW WORK.
2. REMOVE EXISTING RETURN GRILLE.
3. RELOCATE EXISTING THERMOSTAT.



**2**  
MD1.01  
1/4" = 1'-0"

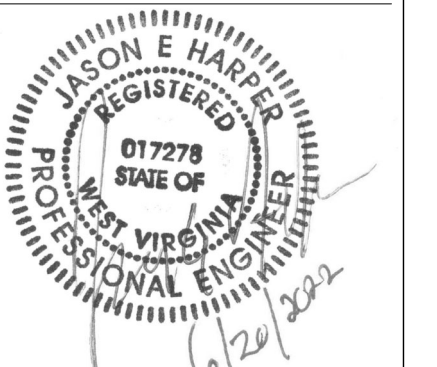


**1**  
MD1.01  
1/4" = 1'-0"



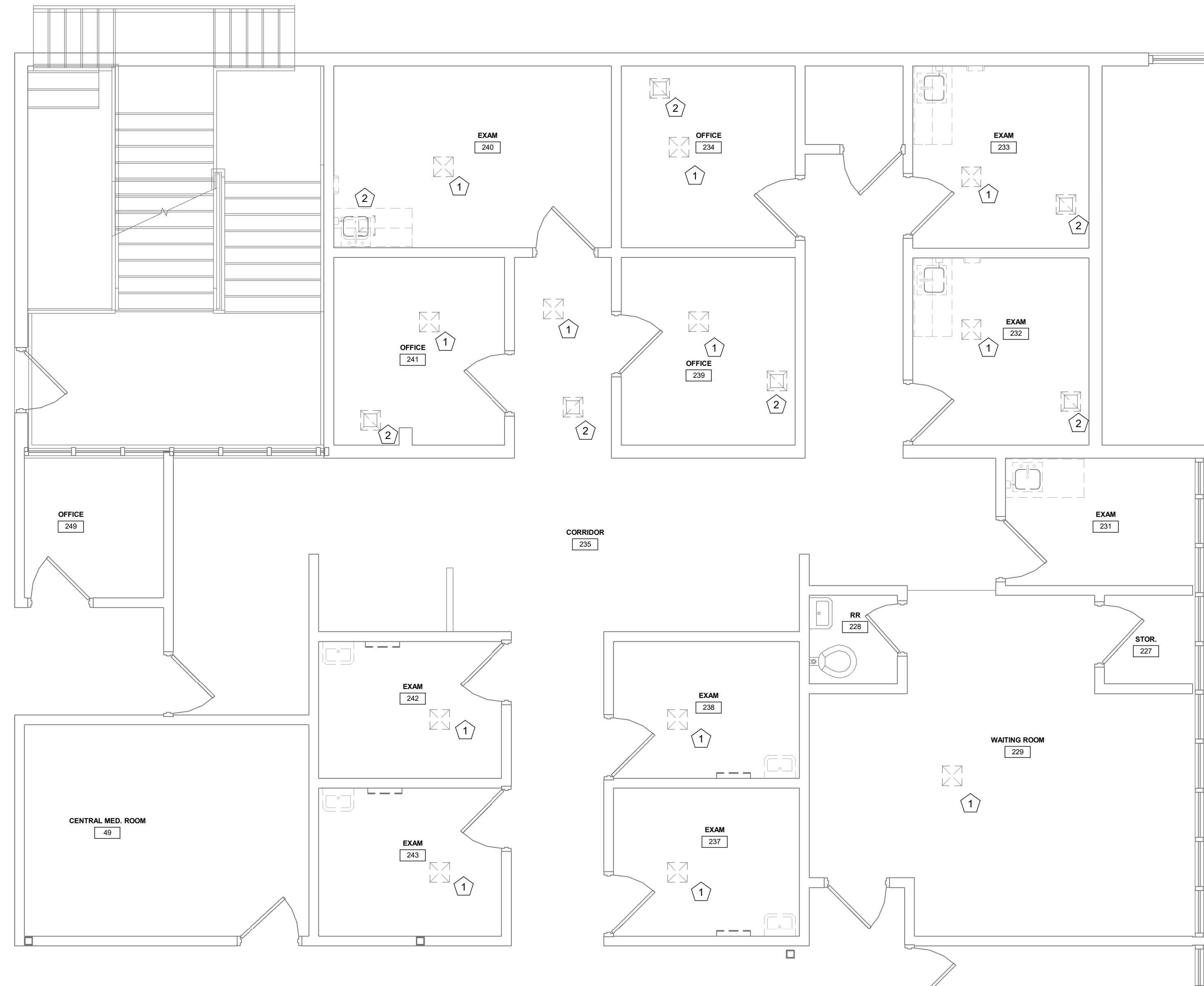
**Harper Engineering**

52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



**DEMO NOTES:** #

1. REMOVE EXISTING SUPPLY DIFFUSER, FLEXIBLE DUCT, ECT AS REQUIRED FOR INSTALLATION OF NEW WORK.
2. REMOVE EXISTING RETURN GRILLE.



**1** SECOND FLOOR HVAC DEMOLITION PLAN  
MD1.02 1/4" = 1'-0"  
0' 2'-6" 5' 10'

NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**

MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: Author DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

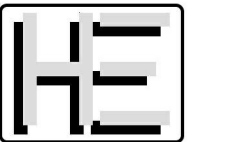
PROJECT No. 060-10257

SECOND FLOOR HVAC DEMOLITION PLAN

SHEET No.

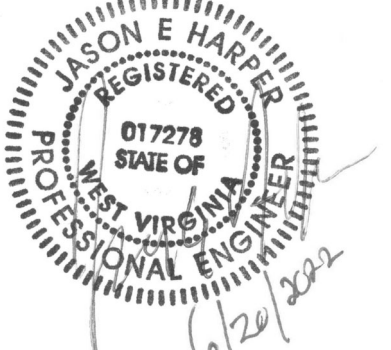
**MD1.02**

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE, OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2021 THE THRASHER GROUP, INC.



**Harper Engineering**

52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



DESCRIPTION  
DATE  
BY  
NO.

**MVA Health Centers C8E Grant**

MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: wbb DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

FIRST FLOOR HVAC PLANS

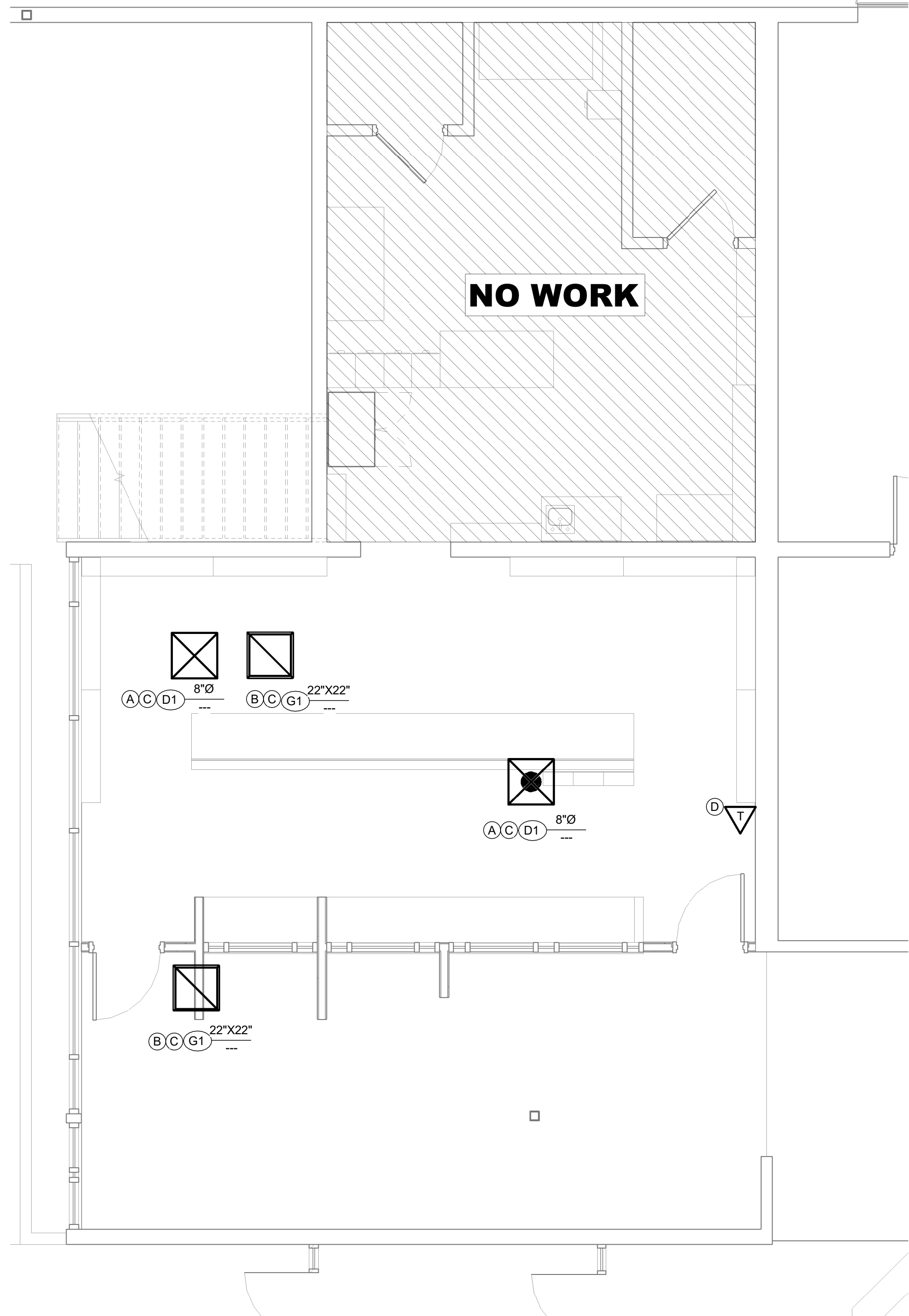
SHEET No.

**M1.01**

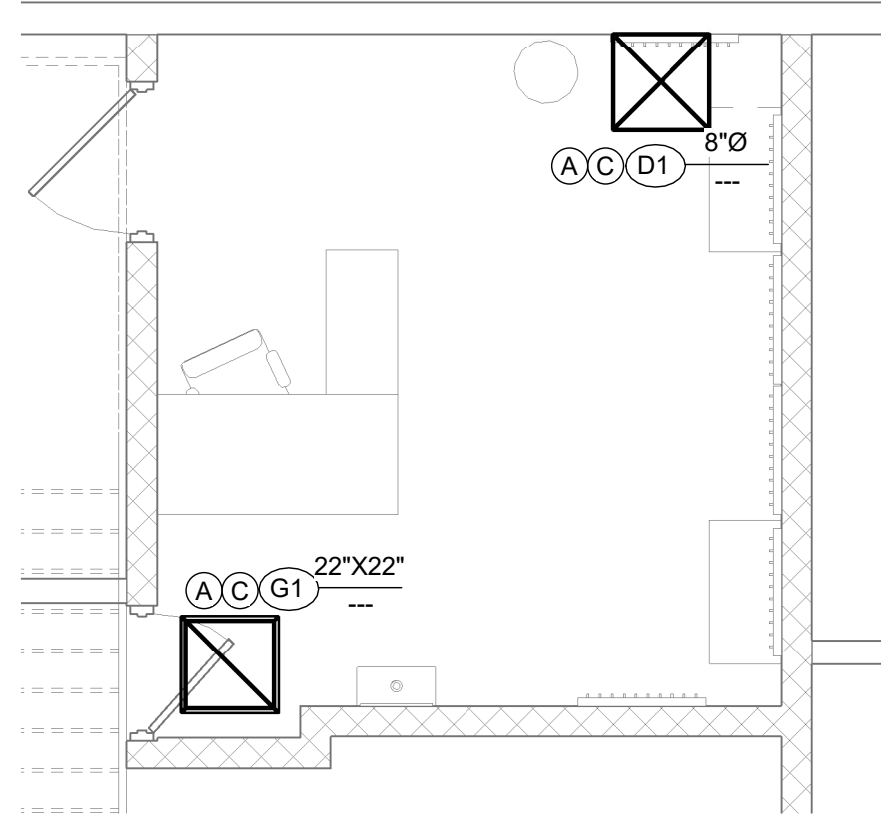
**GRILLE REGISTER AND DIFFUSER SCHEDULE**

MARK	MANUFACTURER	MODEL NO.	USE	DESCRIPTION	NOTES
D1	PRICE	SCD	SUPPLY	24" X 24" SQUARE CONE CEILING DIFFUSER WITH FRAME TYPE FOR LAY-IN	1, 4
D2	PRICE	SCD	SUPPLY	12" X 12" SQUARE CONE CEILING DIFFUSER WITH FRAME TYPE FOR SURFACE MOUNT	1, 4
D3	TITUS	TMRA	SUPPLY	ROUND CONE CEILING DIFFUSER WITH FRAME TYPE FOR SURFACE MOUNT.	1, 4
G1	TITUS	50F	RETURN	1/2"X1/2"X1/2" EGGCRATE CEILING GRILLE WITH FRAME TYPE FOR LAY-IN	1, 4
G2	TITUS	50F	RETURN	1/2"X1/2"X1/2" EGGCRATE CEILING GRILLE WITH FRAME TYPE FOR SURFACE MOUNT. PROVIDE PLASTER FRAME WHERE REQUIRED.	1, 4

- NOTES:**
- 1. STEEL
  - 2. ALUMINUM
  - 3. STAINLESS STEEL
  - 4. WHITE FINISH
  - 5. ALUMINIUM FINISH
  - 6. SPECIAL FINISH
  - 7. VOLUME DAMPER (OPPOSED BLADE)
  - 8. TAMPERPROOF VOLUME DAMPER
  - 9. FIRE DAMPER
  - 10. FILTER
  - 11. TAMPERPROOF SCREWS
  - 12. BAFFLE
  - 13. SAFETY CHAIN



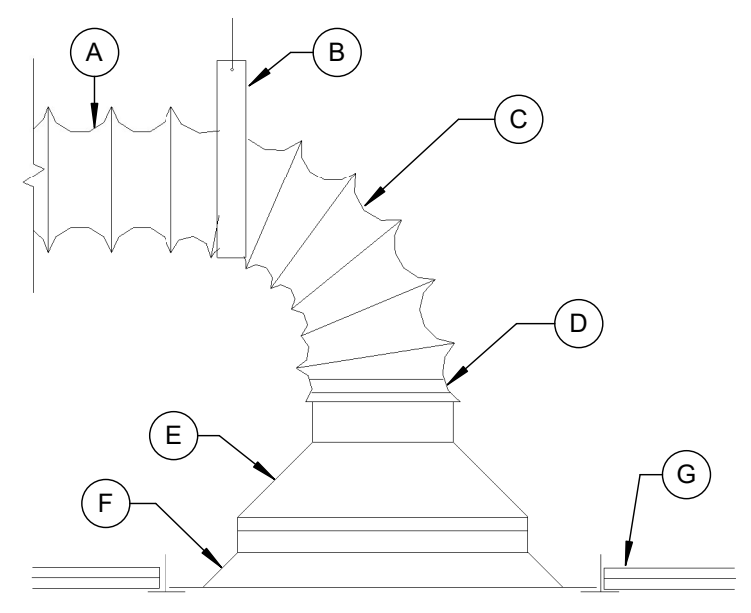
**1 FIRST FLOOR PHARMACY HVAC PLAN**  
M1.01 1/4" = 1'-0"



**2 FIRST FLOOR OPTICAL HVAC PLAN**  
M1.01 1/4" = 1'-0"

**PLAN NOTES:** (X)

- A. CONNECT NEW SUPPLY AND FLEX DUCT TO EXISTING DUCT. FLEX DUCT SHALL NOT EXCEED 5' 0". TRANSITION AS REQUIRED. SEE DETAIL ON THIS SHEET.
- B. CONNECT NEW RETURN GRILLE TO EXISTING DUCT. TRANSITION AS REQUIRED.
- C. CONNECT TO EXISTING. FIELD CONFIRM SIZE. TRANSITION AS REQUIRED.
- D. EXISTING THERMOSTAT TO REMAIN.

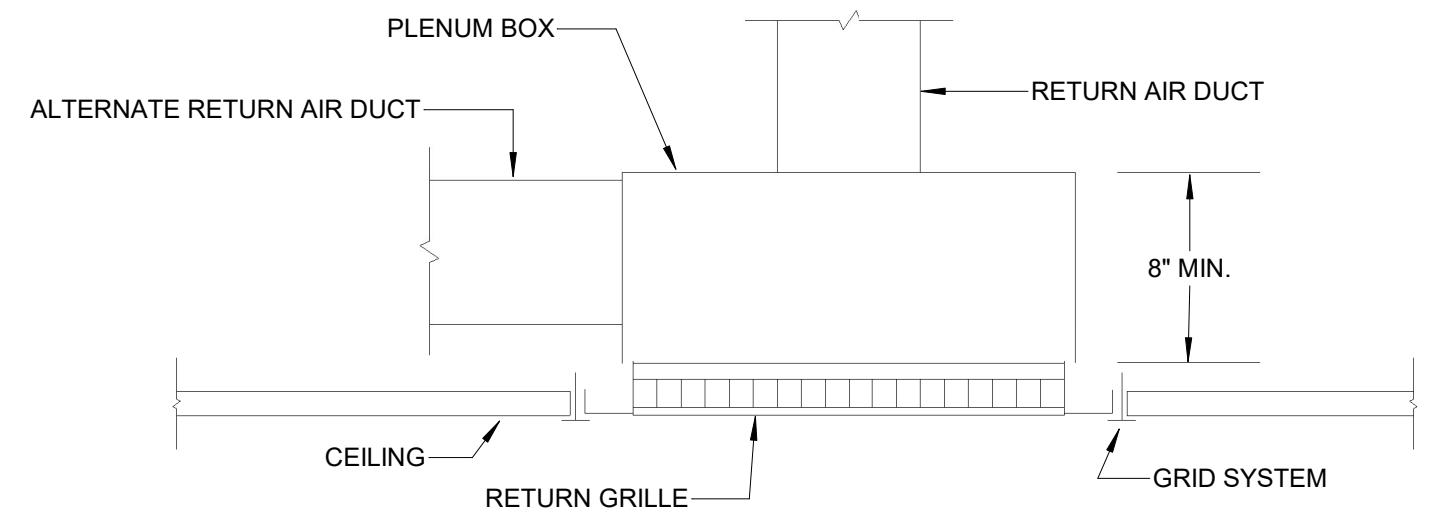


**ELEVATION**

**INSTALLATION DETAILS FOR FLEXIBLE DUCTS**

NO SCALE

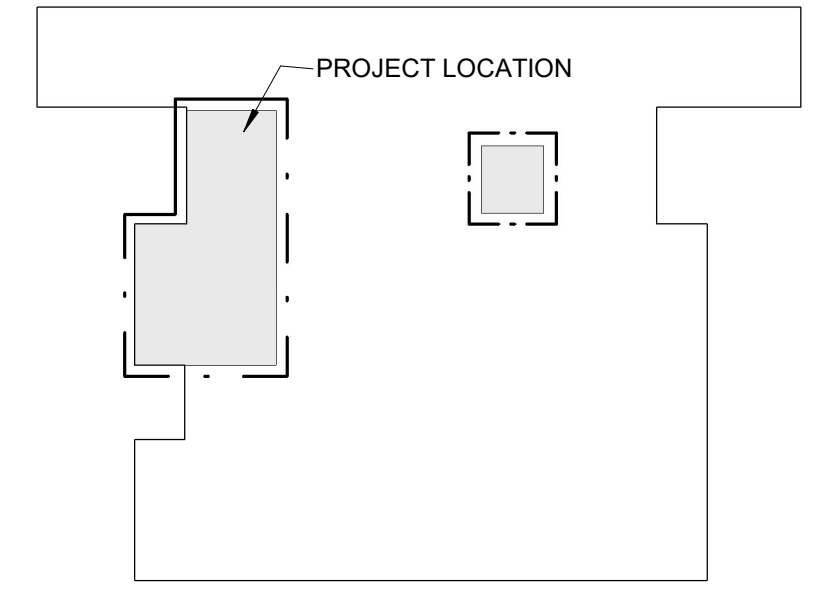
- (A) INSULATED FLEXIBLE DUCT (5'-0" MAX. LENGTH)
- (B) HANGER BANDS IN ACCORDANCE WITH FLEX MANUFACTURERS INSTRUCTIONS
- (C) ALL BENDS TO BE LONG RADIUS
- (D) PLASTIC OR STAINLESS STEEL TIE BAND
- (E) SQUARE TO ROUND ADAPTER OR ROUND TRANSITION (WHERE REQ'D.)
- (F) CEILING DIFFUSER OR GRILLE
- (G) CEILING



**DETAIL OF RETURN GRILLE PLENUM**

NOT TO SCALE

**KEY PLAN**



- LEGEND**
- PROJECT BOUNDARY
  - PROJECT AREA TO BE RENOVATED

USER: wbb

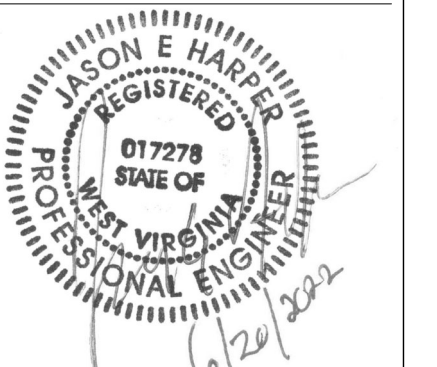
PLOT DATE/TIME: 6/16/2022 9:14:41 AM

LAYOUT TAB: FIRST FLOOR HVAC PLANS  
CAD FILE: BM 380101088 MVA C8E21088 MVA C8E Renovations MEP R2021.rvt



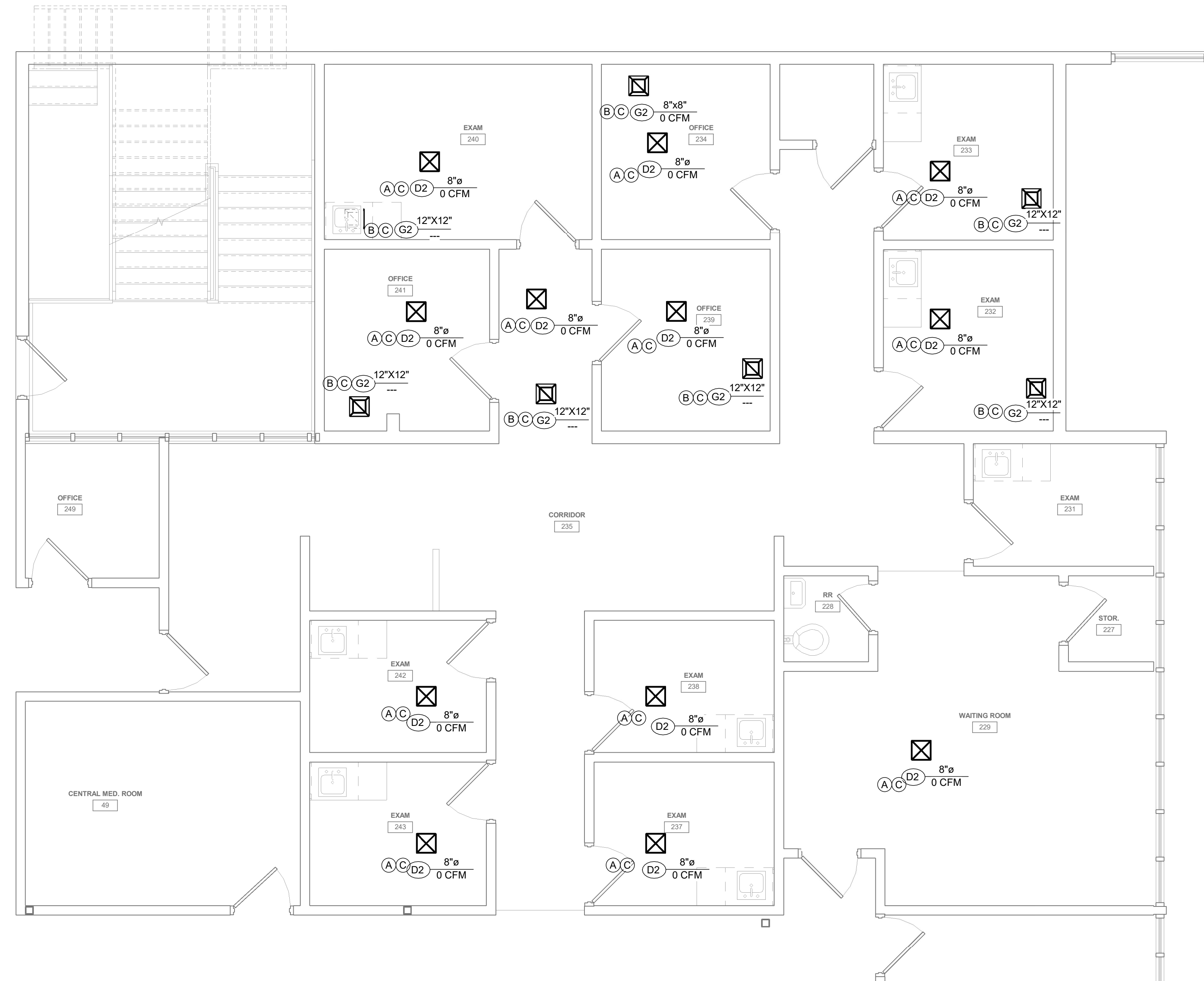
**Harper Engineering**

52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



**PLAN NOTES:** (X)

- A. CONNECT NEW SUPPLY AND FLEX DUCT TO EXISTING DUCT. TRANSITION AS REQUIRED. SEE DETAIL ON SHEET M1.01.
- B. CONNECT NEW RETURN GRILLE TO EXISTING DUCT. TRANSITION AS REQUIRED.
- C. CONNECT TO EXISTING FIELD. CONFIRM SIZE. TRANSITION AS REQUIRED.
- D. EXISTING THERMOSTAT TO REMAIN.



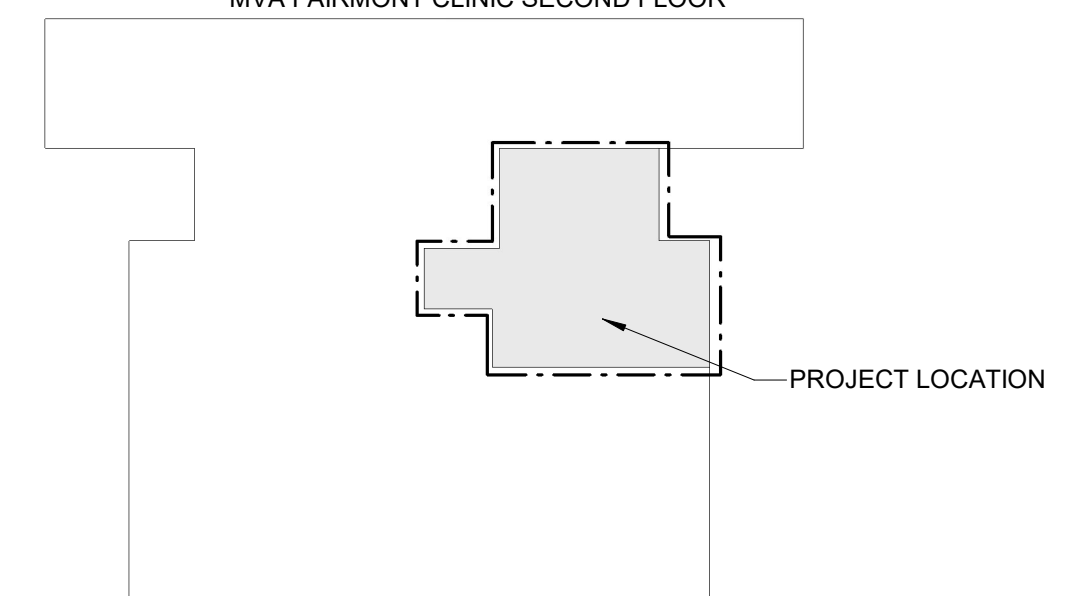
**1 SECOND FLOOR HVAC PLAN**

M1.02 1/4" = 1'-0"



**KEY PLAN**

MVA FAIRMONT CLINIC SECOND FLOOR



- LEGEND**
- PROJECT BOUNDARY
  - PROJECT AREA TO BE RENOVATED

**MVA Health Centers C8E Grant**

MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

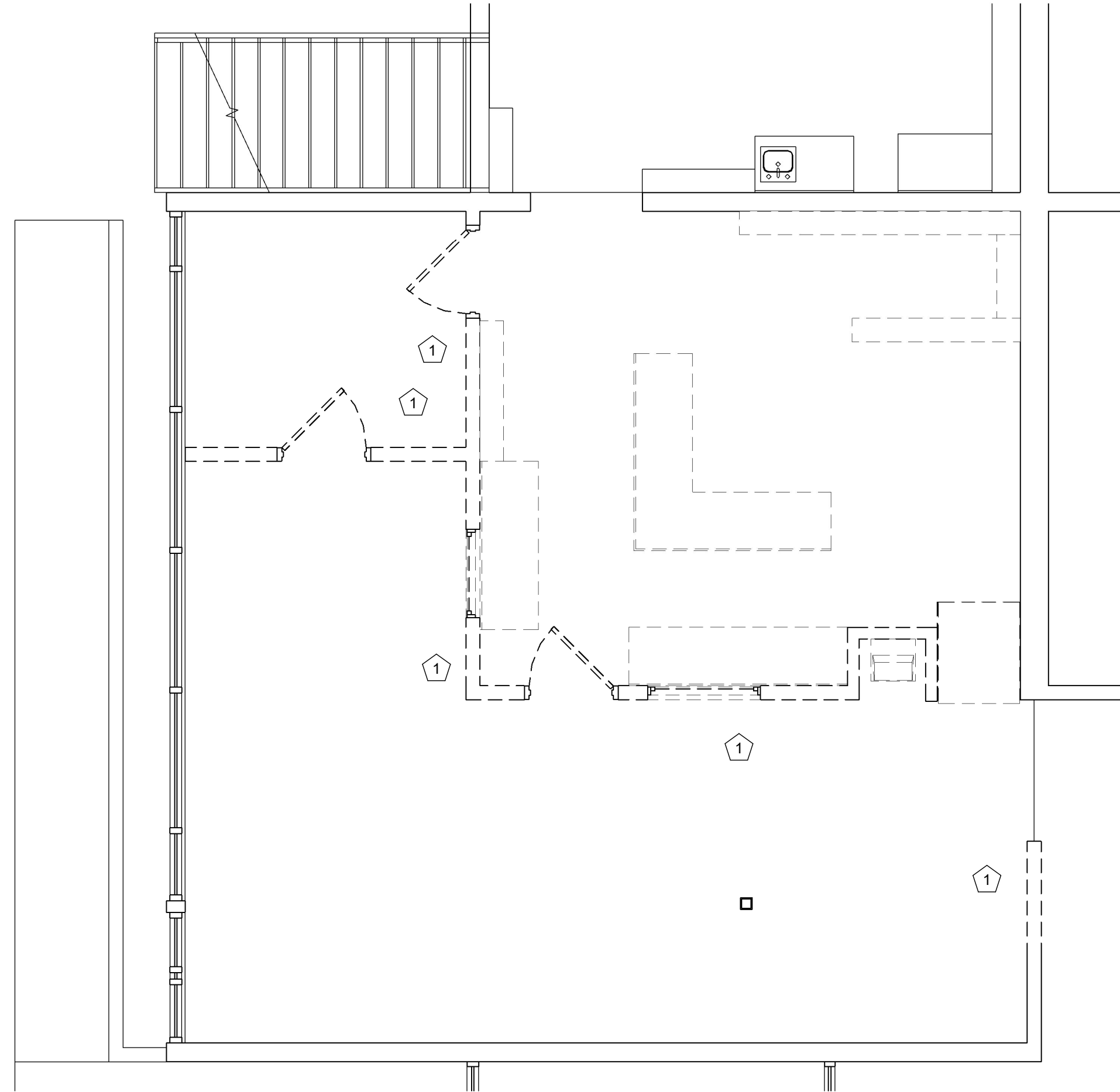
DRAWN: Author DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

SECOND FLOOR HVAC PLAN

SHEET No.

**M1.02**

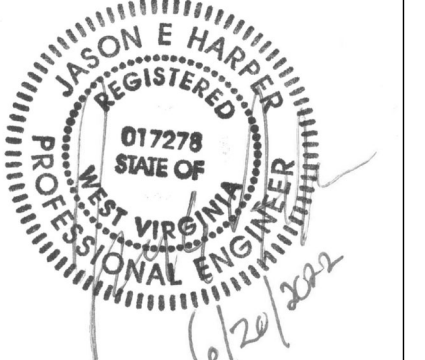


**DEMO NOTES:** #

1. REMOVE RECEPTACLES, DATA, PHONE DEVICES ON WALL BEING DEMOLISHED. REMOVE WIRING BACK TO NEAREST JUNCTION POINT.

**1 PHARMACY POWER DEMOLITION PLAN**  
 ED1.01 1/4" = 1'-0"

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE, OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2021 THE THRASHER GROUP, INC.



NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**  
 MVA Health Centers  
 1322 Locust Ave., Fairmont, WV 26554  
 JUNE 20, 2022  
 CONSTRUCTION DOCUMENTS

DRAWN: JCS DATE: 06/20/2022  
 CHECKED: JEH DATE: 06/20/2022  
 APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

ELECTRICAL DEMOLITION PLAN

SHEET No.

**ED1.01**



**Harper Engineering**

52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**

MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: JCS DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

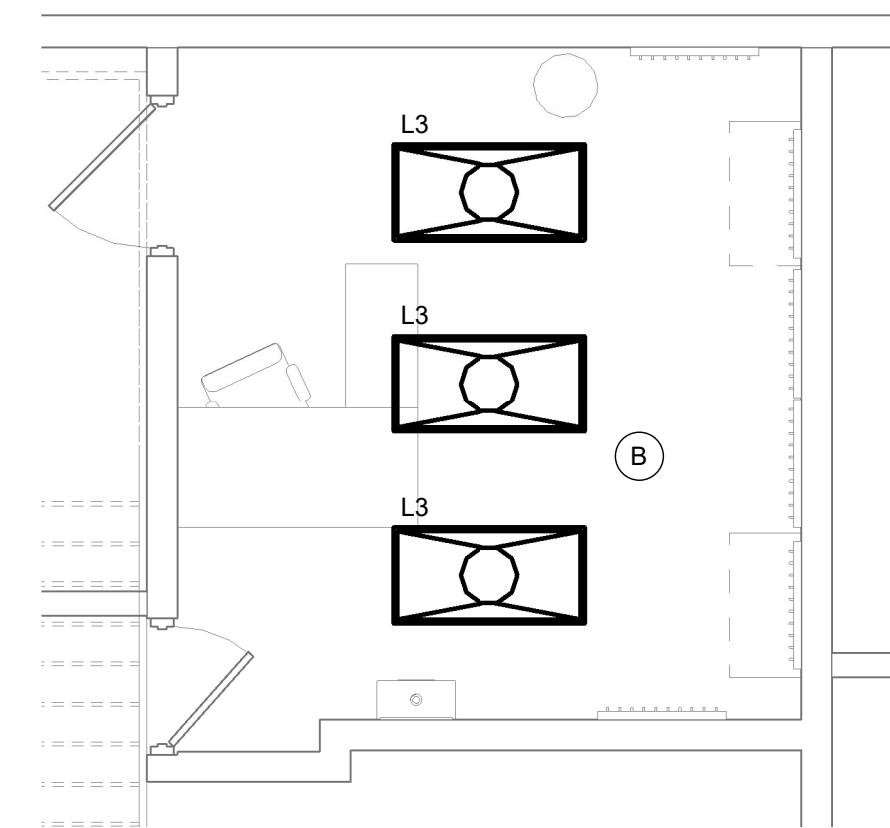
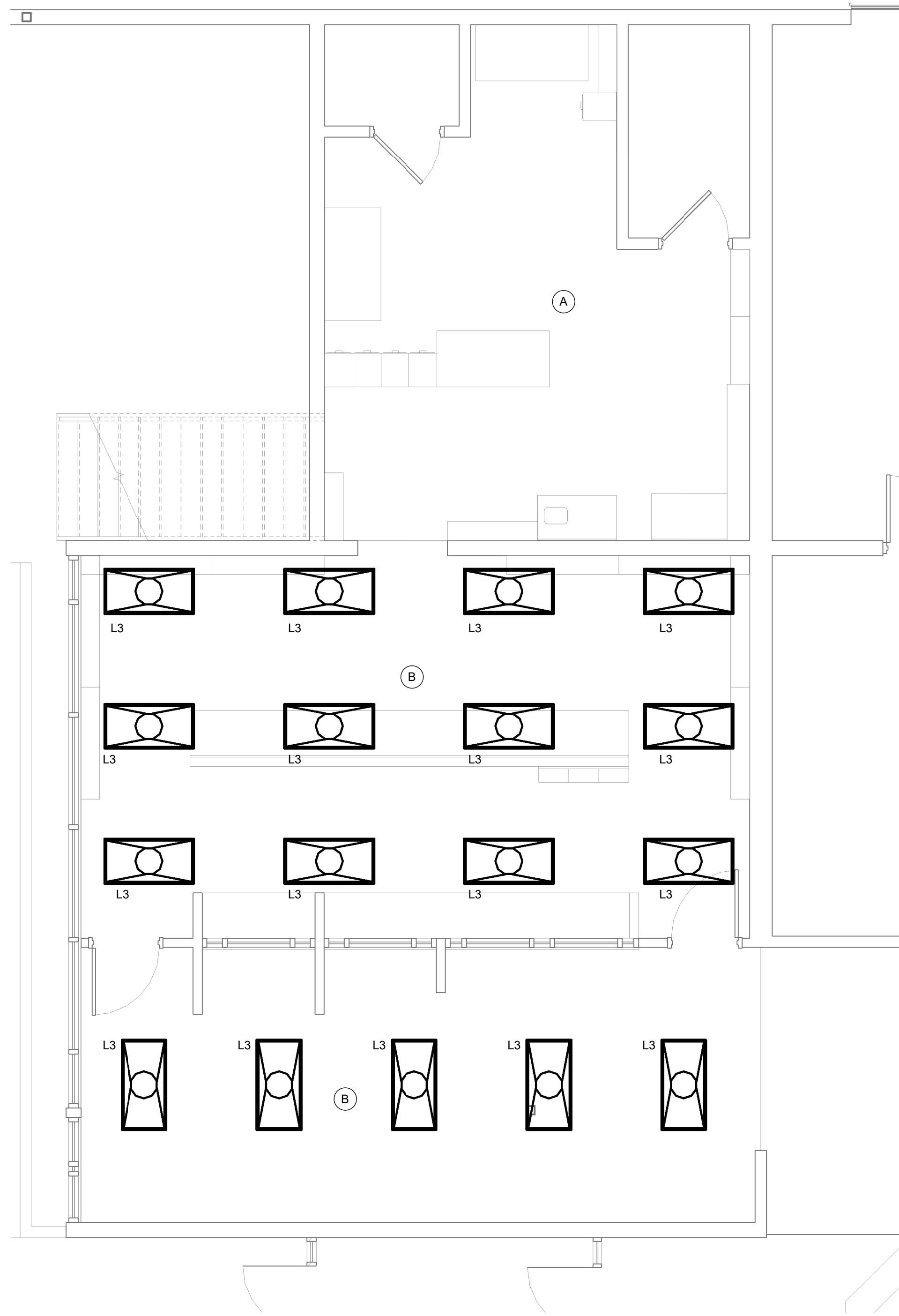
FIRST FLOOR LIGHTING PLANS

SHEET No.

**E1.01**

**PLAN NOTES:** (X)

- A. NO NEW LIGHTS IN THIS AREA.
- B. REPLACE EXISTING FLOURESCENT LIGHT FIXTURE WITH LED FIXTURE. CONNECT TO EXISTING CIRCUIT.



**1 FIRST FLOOR OPTICAL LIGHTING PLAN**  
E1.01 1/4" = 1'-0" 0' 2'-6" 5' 10'

**2 FIRST FLOOR PHARMACY LIGHTING PLAN**  
E1.01 1/4" = 1'-0" 0' 2'-6" 5' 10'

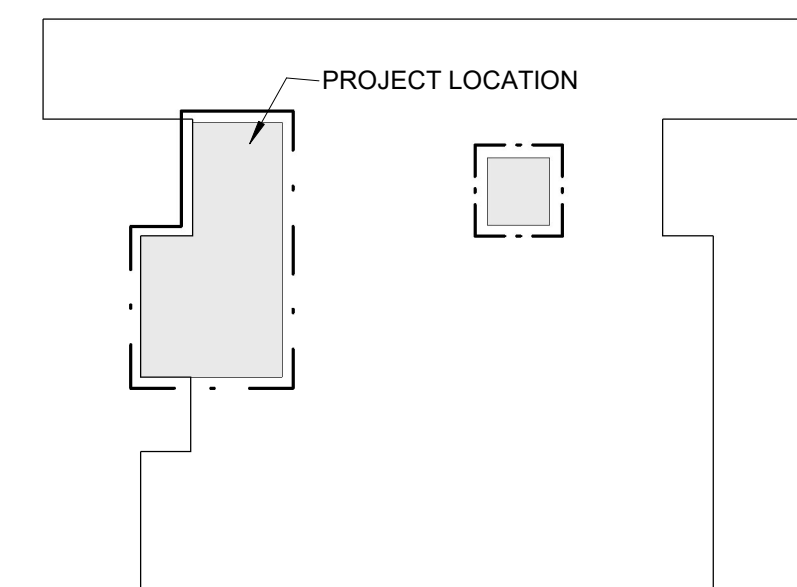
**LIGHT FIXTURE SCHEDULE NOTES:**

1. VERIFY CEILING CONSTRUCTION TYPE WITH ARCHITECTURAL DRAWINGS TO DETERMINE WHETHER RECESSED LIGHTING FIXTURES SHALL BE FLANGE OR GRID TYPE MOUNTING.
2. DIRECTIONAL INDICATOR ON EXIT SIGNS SHALL COMPLY WITH NFPA 101 SECTION 5-10.4.1.2.
3. VERIFY VOLTAGE TO OPERATE FIXTURE WITH ELECTRICAL DRAWINGS.
4. LIGHT FIXTURES SHALL COME COMPLETE WITH NECESSARY MOUNTING HARDWARE.
5. ALL RECESSED LIGHT FIXTURES SHALL BE PAINTED AFTER FABRICATION.
6. ANY REQUEST FOR SUBSTITUTION TO THE LIGHTING FIXTURE SCHEDULE SHALL BE OF EQUAL OR HIGHER QUALITY AS DETERMINED BY THE ENGINEER. ANY PERSON REQUESTING TO SUBSTITUTE FIXTURES MUST SUBMIT IN BOUND FORM A COLLECTION OF THE MANUFACTURER'S CUT SHEETS TO BE REVIEWED BY THE ENGINEER A MINIMUM OF (FOURTEEN) 14 DAYS PRIOR TO BID. ACCEPTED SUBSTITUTIONS SHALL BE REFLECTED IN AN ADDENDUM.
7. SUPPLY HANGING BAR KITS WITH ALL RECESSED DOWN LIGHTS.
8. EMERGENCY BATTERY PACK FOR LIGHT FIXTURES SHALL BE RATED TO SUPPLY A MINIMUM OF 600 INITIAL LUMENS.

**LIGHTING FIXTURE SCHEDULE**

MARK	LAMP	MOUNTING	MANUFACTURER	MODEL	DESCRIPTION	NOTES
L3	LED	RECESSED	LITHONIA COOPER COLUMBIA	2GTL460LRWA12	2X4 STATIC TROFFER WHIT ALUM. REGRESSED DOOR / MIN .125 ACRY LENS 1-ELECTRONIC DRIVER	120V
L5	LED	RECESSED	LITHONIA COOPER COLUMBIA	2GTL233LRWA12	2X2 STATIC TROFFER WHITE ALUMINUM REGRESSED DOOR, MIN .125 ACRYLIC LENS ELECTRONIC DRIVER	120V
L7	LED	RECESSED	LITHONIA COOPER COLUMBIA	GTL440LRWA12	1X4 RECESSED TROFFER WHITE ALUMINUM REGRESSED DOOR, MIN .125 ACRYLIC LENS ELECTRONIC DRIVER	120V
L30	LED	PENDANT	LITHONIA COOPER DAY-BRITE	ZL2NL48 3000LM	4' STRIP W/ACRYLIC LENS ELECTRONIC DRIVER	120V
L35	LED	PENDANT	LITHONIA COOPER DAY-BRITE	ZL2NL48 3000LM	8' STRIP W/ACRYLIC LENS ELECTRONIC DRIVER	120V

**KEY PLAN**

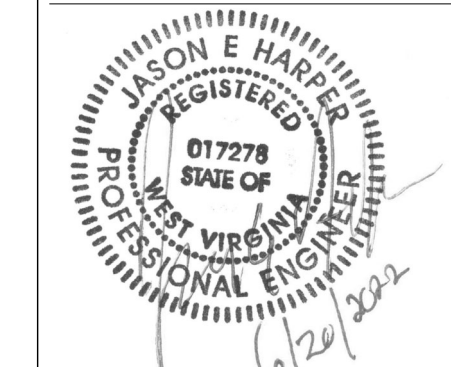


**LEGEND**  
 PROJECT BOUNDARY  
 PROJECT AREA TO BE RENOVATED



**Harper Engineering**

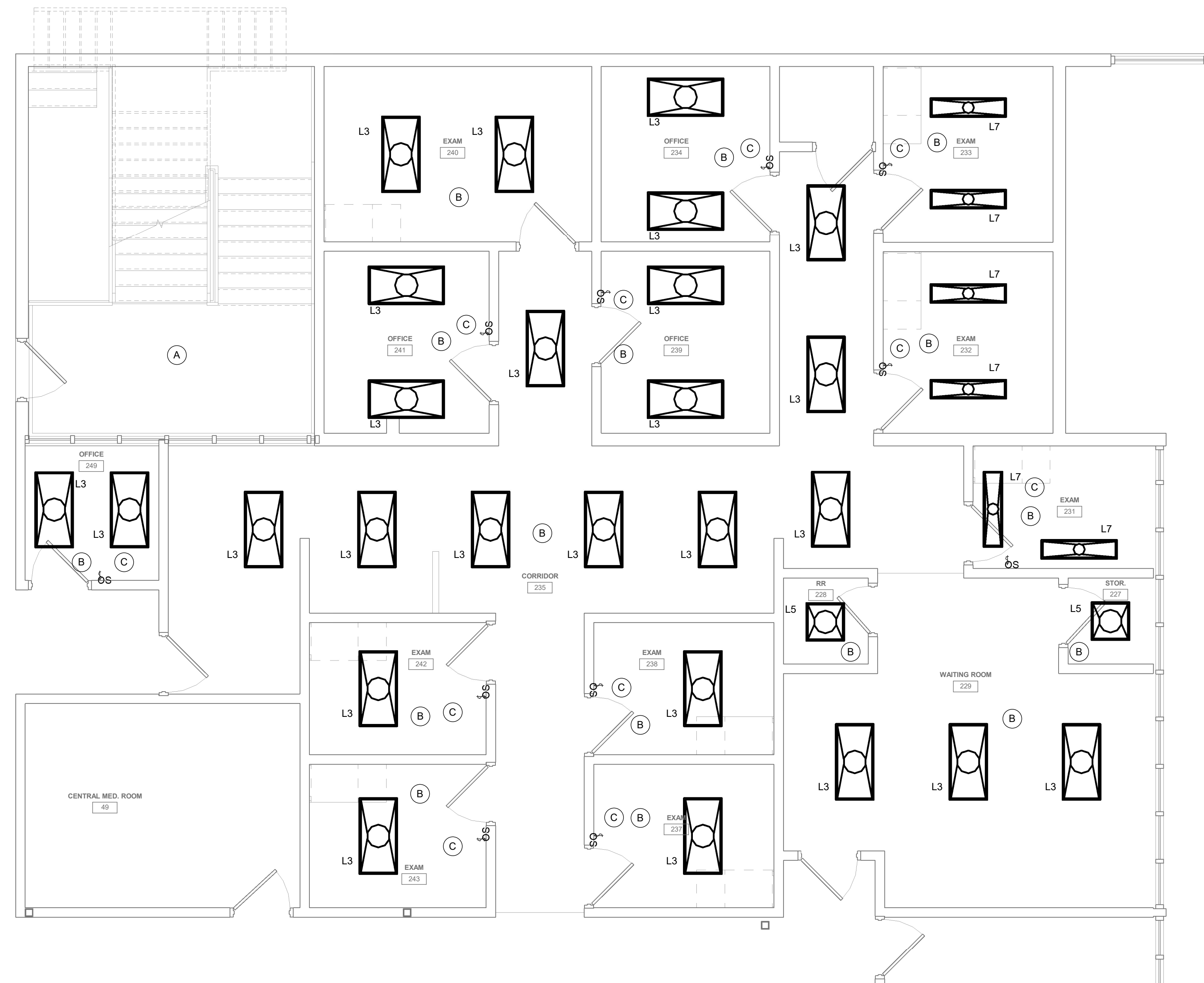
52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



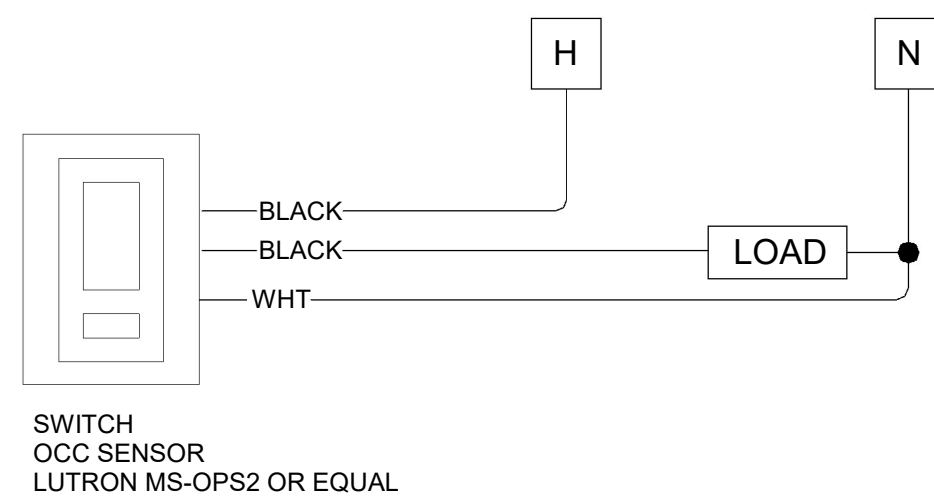
6/20/2022

**PLAN NOTES:** (X)

- A. NO NEW LIGHTS IN THIS AREA.
- B. REPLACE EXISTING FLOURESCENT LIGHT FIXTURES WITH LED FIXTURES. CONNECT TO EXISTING CIRCUIT.
- C. REPLACE EXISTING SWITCH WITH OCCUPANCY SENSOR SWITCH LUTRON MS-OPS2 OR EQUAL COLOR TO MATCH EXISTING.



**1 SECOND FLOOR LIGHTING PLAN**  
E1.02 1/4" = 1'-0"  
0' 2'-6" 5' 10'

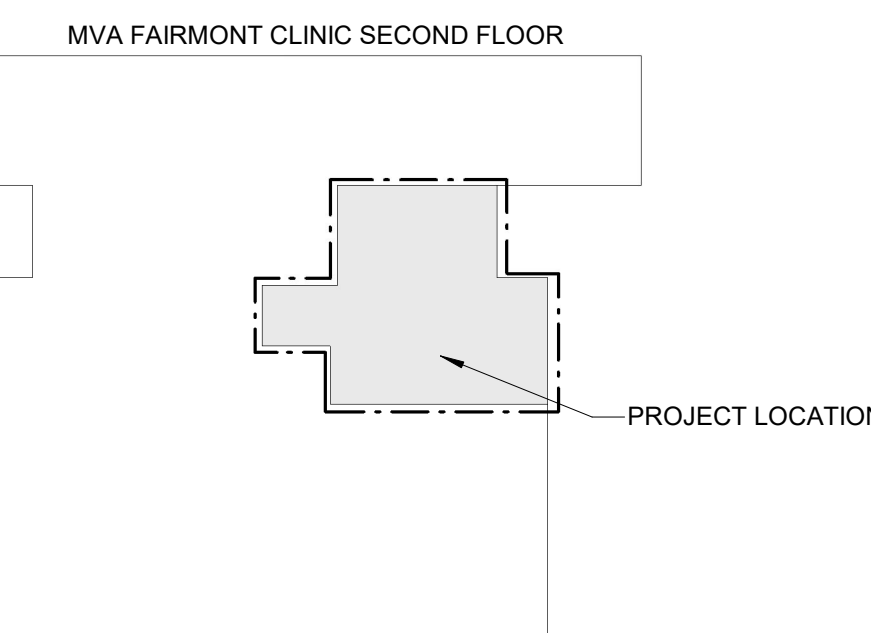


SWITCH  
OCC SENSOR  
LUTRON MS-OPS2 OR EQUAL

**OCCUPANCY SENSOR WIRING DIAGRAM**

NOT TO SCALE

**KEY PLAN**



**LEGEND**  
- - - PROJECT BOUNDARY  
█ PROJECT AREA TO BE RENOVATED

NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**

MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: JCS DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

**SECOND FLOOR LIGHTING PLAN**

SHEET No.

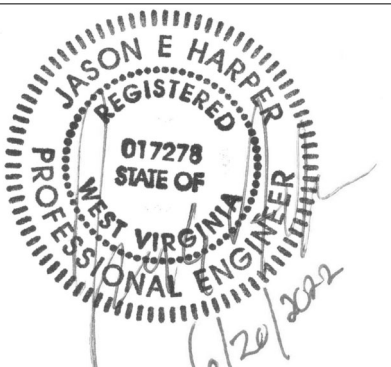
**E1.02**





**Harper Engineering**

52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



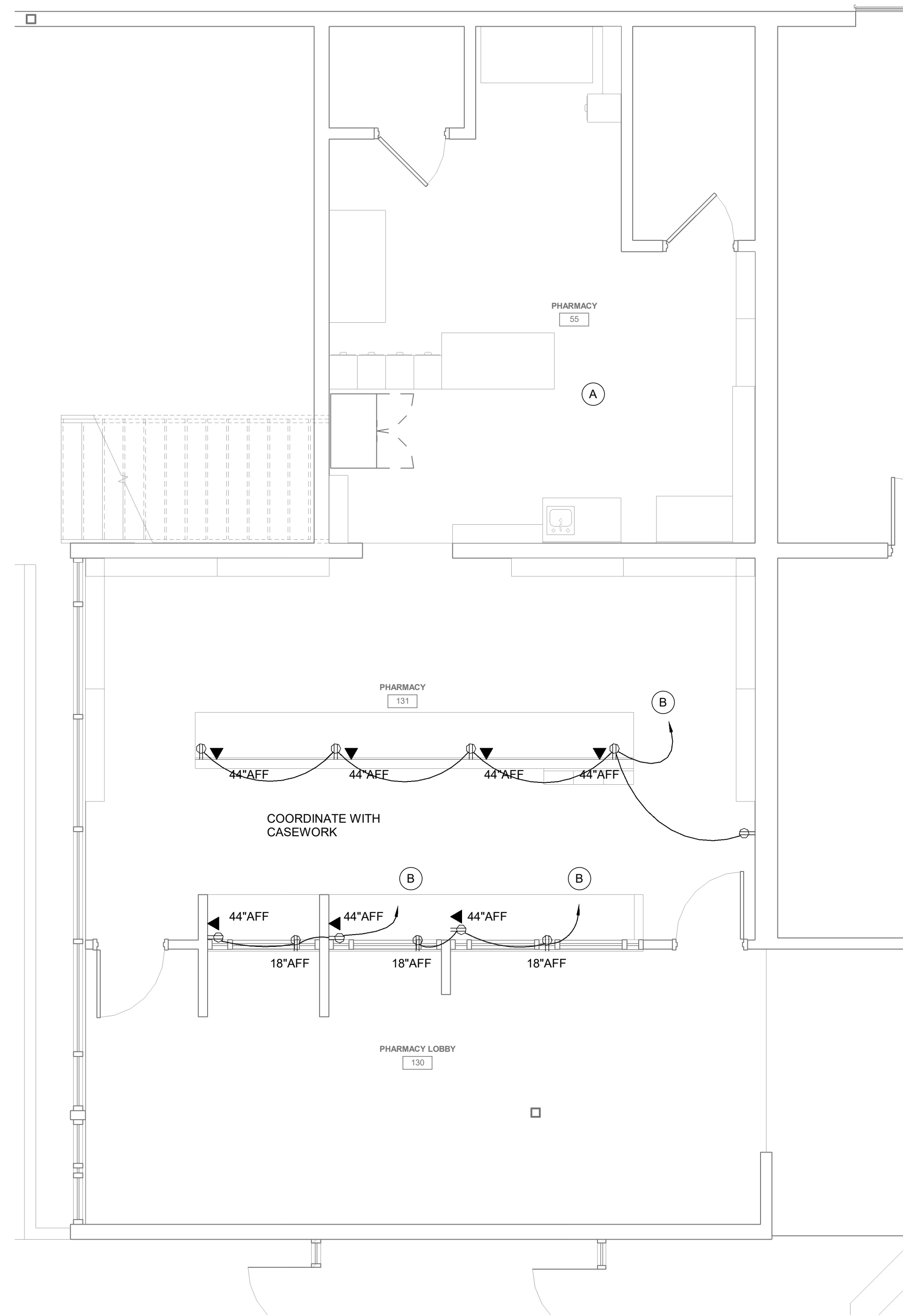
**PLAN NOTES:** (X)

- A. EXISTING TO REMAIN.
- B. CIRCUIT TO NEW 1P/20A 120V BREAKER IN NEAREST AVAILABLE PANEL.

**WIRE AND CONDUIT SIZE SCHEDULE**

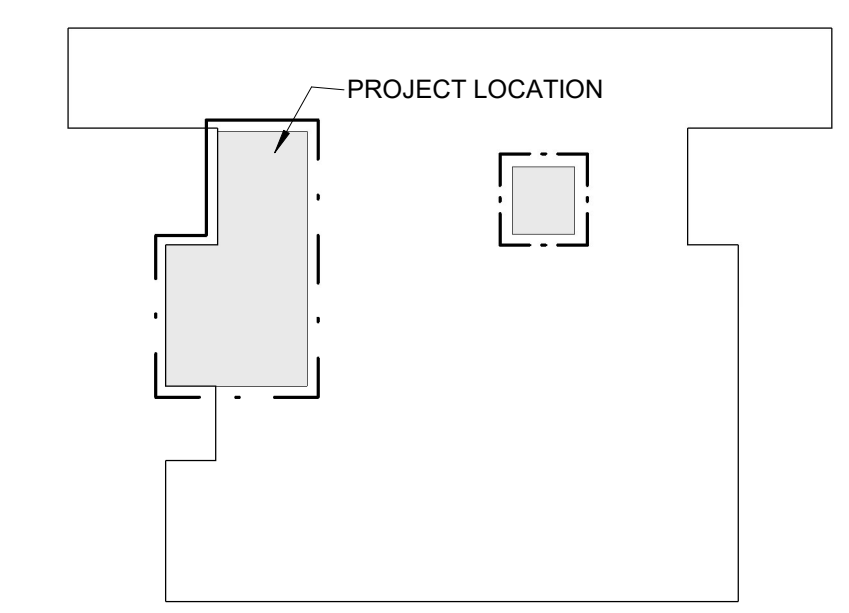
MOCP (AMP)	CONDUCTOR SIZE	GROUND SIZE	CONDUIT SIZE WITH GROUND		
			1-POLE	2-POLE	3-POLE
20	#12	#12	3/4"	3/4"	3/4"
30	#10	#10	3/4"	3/4"	3/4"
40	#8	#10	3/4"	3/4"	3/4"
50	#8	#10	3/4"	3/4"	3/4"
60	#6	#8	3/4"	3/4"	3/4"
70	#4	#8	1"	1"	1"
80	#4	#8	-	1"	1"
90	#3	#8	-	1 1/4"	1 1/4"
100	#2	#8	-	1 1/4"	1 1/4"
110	#2	#6	-	1 1/4"	1 1/4"
125	#1	#6	-	1 1/4"	1 1/4"
150	#1/0	#6	-	1 1/2"	1 1/2"
175	#2/0	#6	-	1 1/2"	2"
200	#3/0	#6	-	1 1/2"	2"
225	#4/0	#4	-	-	2-1/2"
250	250MCM	#3	-	-	2 1/2"
300	350MCM	#3	-	-	3"
350	500MCM	#3	-	-	4"
400	500MCM	#3	-	-	4"

INCREASE CONDUCTOR SIZE AS REQUIRED FOR MAXIMUM VOLTAGE DROP OF 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS.  
ALL CIRCUITS SHALL COMPLY WITH NEC AND OTHER APPLICABLE CODES.  
CONDUCTOR SIZE BASED ON 75 DEGREE C LUGS.



**2 FIRST FLOOR PHARMACY POWER PLAN**  
E2.01 1/4" = 1'-0"  
0' 2'-6" 5' 10'

**KEY PLAN**



**LEGEND**  
 PROJECT BOUNDARY  
 PROJECT AREA TO BE RENOVATED

**MVA Health Centers C8E Grant**  
MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: JCS DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

FIRST FLOOR POWER PLANS

SHEET No.

**E2.01**

USER: JCS

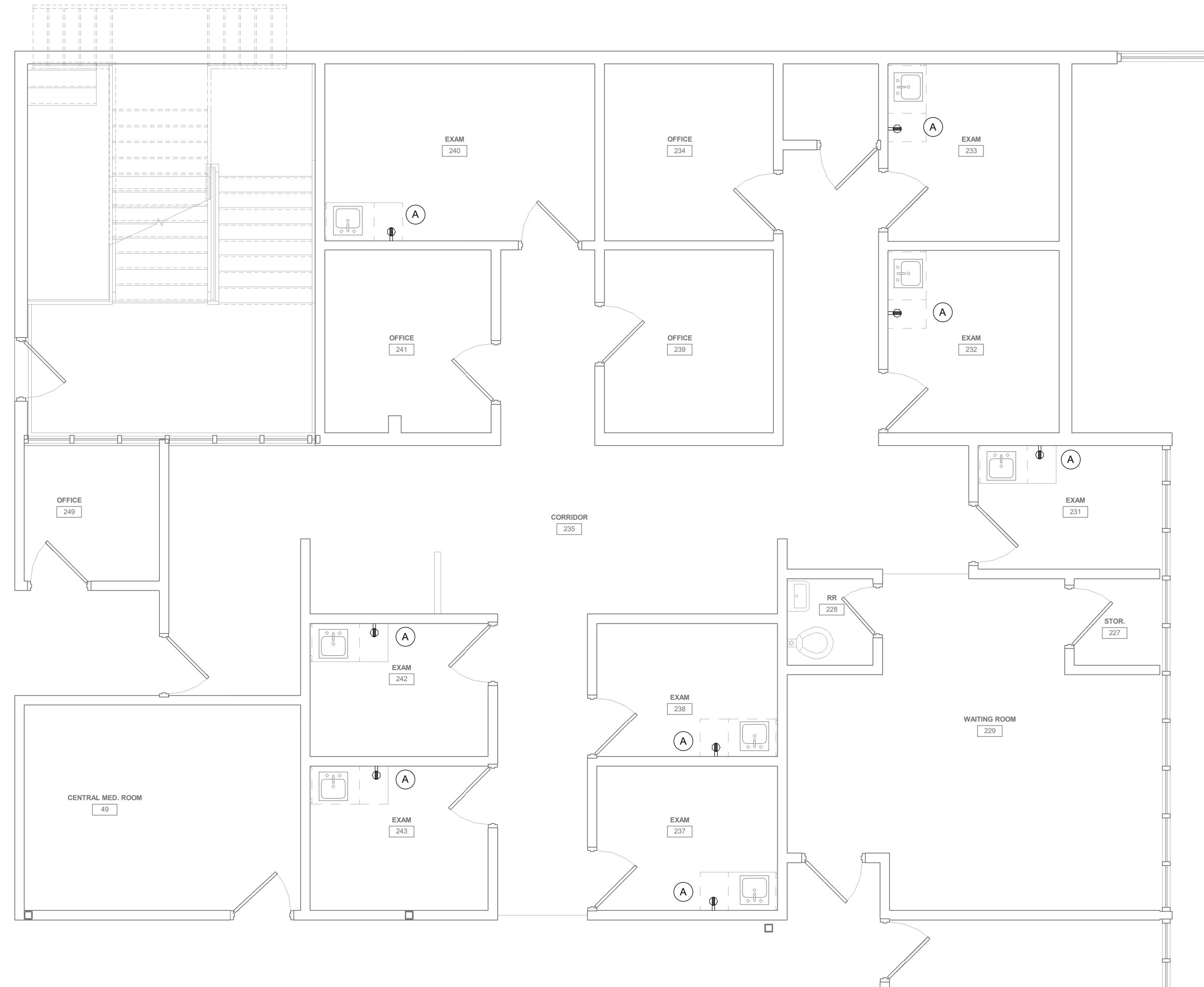
PLOT DATE/TIME: 6/16/2022 9:14:00 AM

LAYOUT TAB: FIRST FLOOR POWER PLANS  
CAD FILE: BIM 300/01/088 MVA C8E2/088 MVA C8E2/088 MVA C8E2/088 MEP R2021.rvt

USER: JCS

PLOT DATE/TIME: 6/16/2022 9:14:15 AM

LAYOUT TAB: SECOND FLOOR POWER PLAN  
CAD FILE: BM 300/01/088 MVA C8E2/088 MVA C8E Renovations MEP R2021.rvt

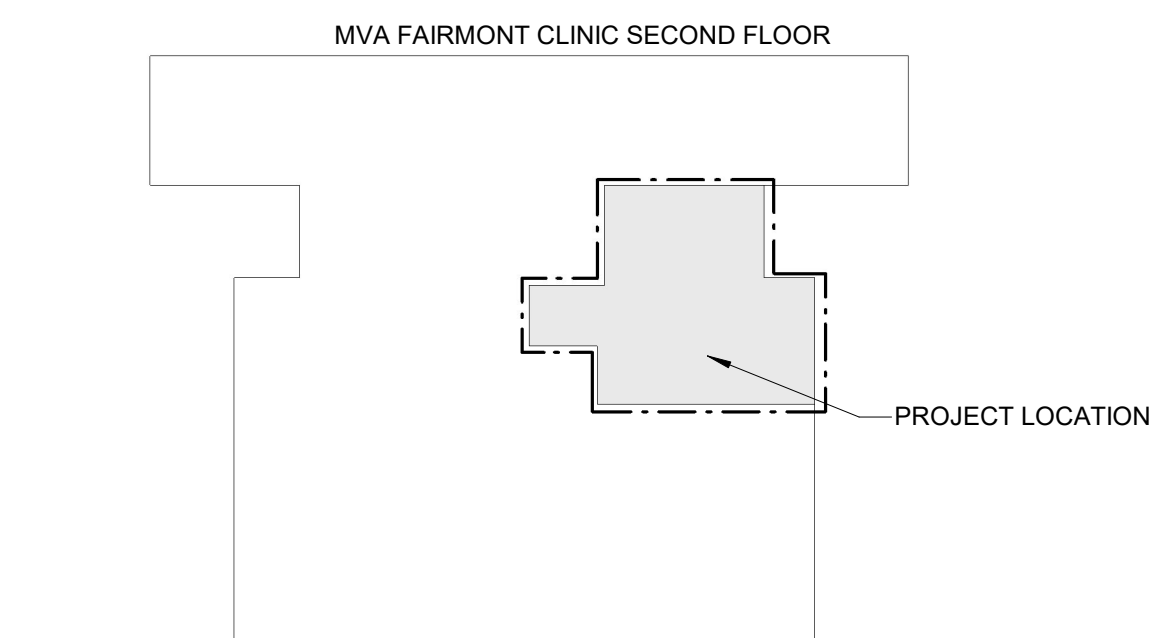


1 SECOND FLOOR POWER PLAN  
E2.02 1/4" = 1'-0"

**PLAN NOTES:** (X)

A. ADD COUNTERTOP HEIGHT GFCI RECEPTACLE . CONNECT TO EXISTING CIRCUIT.

**KEY PLAN**



**LEGEND**

--- PROJECT BOUNDARY

█ PROJECT AREA TO BE RENOVATED

**THRASHER**  
600 WHITE OAKS BLVD.  
P.O. BOX 940  
BRIDGEPORT, WV 26330  
P (304) 624-4108  
F (304) 624-7831  
www.thrashergroup.com

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE, OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2021 THE THRASHER GROUP, INC.

**Harper Engineering**  
52 B Street  
St. Albans, WV 25177  
phone: 304.722.3602  
fax: 304.722.3603



NO.	BY	DATE	DESCRIPTION

**MVA Health Centers C8E Grant**  
MVA Health Centers  
1322 Locust Ave., Fairmont, WV 26554  
JUNE 20, 2022  
CONSTRUCTION DOCUMENTS

DRAWN: JCS DATE: 06/20/2022  
CHECKED: JEH DATE: 06/20/2022  
APPROVED: JEH DATE: 06/20/2022

PROJECT No. 060-10257

SECOND FLOOR POWER PLAN

SHEET No.

**E2.02**