



11400 Robinwood Drive • Hagerstown, MD 21742-6514

RFP HCC26-002 for Advanced Technology Center Renovation Project

Addendum 3, posted on October 8, 2025, consists of answers to *some* of the questions received (see attachment). The question deadline was today at 12:00 PM. Noelker and Hull's document coordinating with Addendum 3 and official prevailing wage information is also attached.

NOTE: If contractors do not see their question listed, the college and/or the design team is working on answering. Those questions will be answered in a forthcoming addendum.

Upcoming Deadlines:

Proposal responses must be received by **October 22, 2025, at 1:00 PM**. Offerors shall reference the RFP for submission details. Please pay careful attention to the requirement to be registered on Bid Locker to submit a proposal for this project.

Respectfully submitted,

A handwritten signature in cursive script that reads "Alicia Cullop".

Alicia Cullop
Director of Procurement Services

Stay close. Go far.
www.hagerstowncc.edu

HAGERSTOWN COMMUNITY COLLEGE RFP26-002
ADVANCED TECHNOLOGY CENTER RENOVATION
ADDENDUM 3 QUESTION & ANSWER

QUESTION #	DOCUMENT / DRAWINGS	QUESTION	ANSWER	AGENCY
1		Can MM SYSTEMS be added as an acceptable manufacturer for expansion joint cover assemblies (specification 079513)?	Proposed substitute is acceptable with submitted request form.	NHA
2		The 012100 Allowance specification shows (4) Allowances of \$5,000 each for a total of \$20,000. The RFP section 6 – Price Proposal Form only shows \$15,000 (RFP page 24) and only lists (3) on page 34 of the RFP.	See revised Section 012100- Allowances for a total of \$15,000. HCC will issue a revised price form to reflect in future addendum.	NHA/HCC
3		Section 1.12 of the 015000 Temporary Facilities and Controls specification refers to specification section 013553 for security. This section is not included in the specs.	Reference to Section 013553 shall be deleted. See revised Section 015000- Temporary Facilities and Controls.	NHA
4		Several spec sections only have one or a couple products that can be used and refer you to spec 016000 which refers you to spec 012500. Some product specs reference a basis of design and refer you to the same specs, but 012500 makes it appear that all products not listed require a Substitution Request Pre-Bid to be submitted and addressed by Addenda to confirm they can be used in the project. Otherwise, we will take the risk of getting approved after award and the proposed product may be rejected. Please clarify if this is the case.	All proposed product substitutions shall be submitted per Section 012500- Substitution Procedures.	NHA
5		Specifications, Vol. 1, 012100— Allowance for Project Identification Sign is indicated in this specification section but is not in RFP Section 6, C. Clarify if this is or is not required.	See revised Section 012100- Allowances to reflect RFP Section 6, C.	NHA
6		Will the college be procuring 3 rd Party Inspections directly, or will this scope be carried out by the GC? Any insight you can provide is greatly appreciated !	Contractor shall be responsible for all required independent special inspections and testing agencies, per Section 014000- Quality Requirements, 1.10, A and Section 014533- Code-Required Special Inspections and Procedures, 1.05, A.	NHA
7		Please confirm whether Procore is the only web-based project software that can be used. Spec Section 013000 states under paragraph 3.01 that the preferred system is Procore.	Contractor shall use Procore per Section 013000- Administrative Requirements, 3.01, A, 6.	NHA
8		There are listed requirements that need to be met by the software; so, if we have a different software that meets those requirements, can that be used instead of Procore?	Contractor shall use Procore per Section 013000- Administrative Requirements, 3.01, A, 6.	NHA
9		Spec, Vol 1, 12 35 53, Part 2, 2.01, A & Spec, Vol 1, 01 25 01—Request to be able to bid, MOTT Manufacturing under Spec, Vol 1, 12 35 53, Part 2, 2.01, A. Data sheets and CSI 1.5C are attached as a separate document to the email this RFI was submitted in.	Proposed substitute is acceptable with submitted request form.	NHA
10		Spec, Vol 1, 07 54 23, Part 2, 2.01 & Spec, Vol 1, 01 25 00—Request to be able to bid, IKO Commercial TPO and Polyiso Systems under Spec, Vol 1, 07 54 23, Part 2, 2.01. Data sheets and CSI 1.5C are attached as separate documents to the email this RFI was submitted in.	Proposed substitute is acceptable with submitted request form	NHA
11		Are there restrictions on work times and hours?	Refer to Section 011000- Summary, 1.08, A.	NHA

12		Who is responsible for temporary heat/cooling and water expenses? Please provide clarification on this scope.	Contractor shall be responsible for temporary electric, lighting, heating, cooling, ventilation, phone service, internet service, and water, per Section 015100- Temporary Utilities. Contractor may connect to Owner's existing power and water services but must provide separate metering and reimburse Owner for cost of power and water used, per 1.04 and 1.11, respectively.	NHA
13		The existing brick is not available, please provide an alternative brick to us.	Contractor shall salvage all existing brick designated to be demolished for reuse as infill and patching in new work, both exterior and interior. Refer to Sheets D101, D102, D103, and D104- Demolition Plan General Notes, No. 10; Sheets A101, A102, and A103- Floor Plan General Notes, No. 2; and Sheet ID101- Interior Finish Schedule & Notes, Finish Plan General Notes, No. 14. Also see revised Section 024100- Demolition and revised Section 042000- Unit Masonry with updates regarding salvaged brick for reuse.	NHA
14		What is the existing wall material brick and studs for toothing purposes?	Contractor and all sub-contractors shall visit the site and familiarize themselves with all existing conditions, including existing brick material. In addition, see response to Q13 (above).	NHA
15		How many site signs are there?	Contractor shall be responsible for one (1) temporary project identification sign described in Section 015813- Temporary Project Signage as part of the Base Bid. See revised Section 015813- Temporary Project Signage and revised Section 012100- Allowances, deleting Allowance No. 3 (Project Identification Sign). In addition, there are three (3) exterior directional signs identified on Sheets L100 and L101, Landscape Plans and related details, to be determined by Owner and covered by Allowance No. 1- Exterior Directional Signage. See revised Sheet L100- Landscape Plan.	NHA
16		Substitution Request Attached for Erie Metals Pertaining to the Expansion Joints.	Proposed substitute is acceptable with submitted request form.	NHA
17		Section 6 -Price Proposal - A has the allowances totaling \$15,000 and the Section 6 - Allowances - C has only three allowances listed but in spec 012100/1.03C has the project identification signage as an additional \$5,000 allowance. Please correct bid forms to reflect the allowance spec or remove sign allowance from spec.	See revised Section 012100- Allowances for a total of \$15,000. See also Q2 above.	NHA/HCC
18		Please clarify if the Owner or Contractor is responsible for paying for the third-party testing/inspections. Specification 014000 references an agency employed by the Contractor, and S100 notes inspectors employed by the Owner.	Contractor shall be responsible for all required independent special inspections and testing agencies, per Section 014000- Quality Requirements, 1.10, A and Section 014533- Code-Required Special Inspections and Procedures, 1.05, A. Also, note on S100 shall read "employed by the Contractor" (not Owner).	NHA
19		ID201— Sheet ID201 shows GL. Cab in MECH/ENG/TECH LAB RM120 and CORR and FLAM Cabinets in STORAGE RM120A. Are these to be included in our scope? Please clarify.	Existing glass cabinets shall be removed, salvaged and stored for reinstallation. Coordinate with Owner. Existing corrosion and flammable cabinets shall be removed, salvaged, and stored for reinstallation. Reconfigure in new location as required and coordinate with mechanical. See revised Demolition Sheets and added notes to revised ID Sheets.	NHA

20		A002— This drawing shows 2 FEC on the roof. Is this accurate?	Delete the two (2) “S” smoke detectors from Roof Plan. Not applicable.	NHA
21		A103 Computer lab—Computer lab shows interior window, what type is this as it is not labeled? Please Clarify.	The interior windows are associated with the adjacent doors in both Computer Labs on the Second Floor. See Sheet A302- Door Elevations and Details, specifically Frame Types F3 (for Door 214A) and F6 (for Door 213).	NHA
22		L100/Note 5 says the proposed sculpture is to be determined by the owner. Should the GC include an allowance cost for furnish or installation of the sculpture?	The sculpture is “Not In Contract” and will be determined by the Owner at a later date. See revised Sheet L100- Landscape Plan.	H&R
23		L100 & L101 show decorative boulders throughout the site plan, no dimensions or type is provided for these boulders in spec or plan view. Please provide boulder details.	Provide boulders from local sources in colors compatible with the stone walls throughout the campus, in three (3) sizes, as graphically depicted and noted in revised Sheet L100- Landscape Plan.	H&R
24		Note 14 & 17 on D101-D104 both are listed as Remove Countertop and/or Casework In Its Entirety. Please remove additional note listed on demo plans.	See revised Demolition Sheets with revised Demo Note 17.	NHA
25		Please provide wage rate determinations for: Tile Setter, Tile Finisher, Floor Mechanic, Sprinkler Fitter.	The college filled out a form requesting these wage rates and is waiting to receive information back from DLLR. Please also see the official project wage determination included in the addendum.	HCC

STATE OF MARYLAND
DEPARTMENT OF LABOR
DIVISION OF LABOR AND INDUSTRY
PREVAILING WAGE SECTION
10946 Golden West Drive, Suite 160
Hunt Valley, MD 21031
(410) 767-2342

10/08/2025

REQUEST FOR ADVERTISEMENT AND NOTICE TO PROCEED

Dawn Baker - Procurement Officer
Hagerstown Community College
11400 Robinwood Drive
HAGERSTOWN, MD 21742

Re: ATC Renovation
Project No: cc-02-482

Enclosed please find the Prevailing Wage Determination and Instructions for Contractors for the project referenced above.

Upon advertisement for bid or proposal of this project, you are requested to submit to this office the date and name of publication in which such advertisement appeared.

Once awarded, you are further directed to submit to this office, the NOTICE TO PROCEED for the project, complete with the date of notice, the name of the general contractor, and the dollar amount of the project. In addition, we ask that a representative of the prevailing wage Unit be invited to attend the Pre-Construction Conference.

Any questions concerning this matter may be referred to PrevailingWage@dllr.state.md.us

Sincerely,

Enclosures
Wage Determination
Instruction for the Contractor

Prevailing Wage Unit

PREVAILING WAGE INSTRUCTIONS FOR THE CONTRACTOR & SUBCONTRACTOR

The contractor shall electronically submit completed copies of certified payroll records to the Commissioner of Labor & Industry, Prevailing Wage Unit by going on-line to <https://www.dlir.state.md.us/prevwage> and following the instructions for submitting payroll information (NOTE: A contractor must register prior to submitting on-line certified payroll information).

If you have technical questions regarding electronic submittal, contact the Department at dldlirprevailingwage-dlir@maryland.gov.

All certified payroll records shall have an accurate week beginning and ending date. The contractor shall be responsible for certifying and submitting to the Commissioner of Labor and Industry, Prevailing Wage Unit all of their subcontractors' payroll records covering work performed directly at the work site. By certifying the payroll records, the contractor is attesting to the fact that the wage rates contained in the payroll records are not less than those established by the Commissioner as set forth in the contract, the classification set forth for each worker or apprentice conforms with the work performed, and the contractor or subcontractor has complied with the provisions of the law.

A contractor or subcontractor may make deductions that are (1) required by law; (2) required by a collective bargaining agreement between a bona fide labor organization and the contractor or subcontractor; or (3) contained in a written agreement between an employee and an employer undertaken at the beginning of employment, if the agreement is submitted by the employer to the public body awarding the public work and is approved by the public body as fair and reasonable.

A contractor or subcontractor is required to submit information on-line on their fringe benefit packages including a list of fringe benefits for each craft employed by the contractor or subcontractor, by benefit and hourly amount. Where fringe benefits are paid in cash to the employee or to an approved plan, fund, or program, the contribution is required to be indicated.

Payroll records must be electronically submitted and received within 14 calendar days after the end of each payroll period. If the contractor is delinquent in submitting payroll records, processing of partial payment estimates may be held in abeyance pending receipt of the records. In addition, if the contractor is delinquent in submitting the payroll records, the contractor shall be liable to the contracting public body for liquidated damages. The liquidated damages are \$10.00 for each calendar day the records are late.

Only apprentices registered with the Maryland Apprenticeship and Training Council shall be employed on prevailing wage projects. Apprentices shall be paid a percentage of the determined journey person's wage for the specific craft.

Overtime rates shall be paid by the contractor and any subcontractors under its contracts and agreements with their employees which in no event shall be less than time and one-half the prevailing hourly rate of wages for all hours worked in excess of ten (10) hours in any one calendar day; in excess of forty (40) hours per workweek; and work performed on Sundays and legal holidays.

Contractors and subcontractors employing a classification of worker for which a wage rate was not issued SHALL notify the Commissioner of Labor & Industry, Prevailing Wage Unit, for the purpose of obtaining the wage rate for said classification PRIOR TO BEING EMPLOYED on the project. To obtain a prevailing wage rate which was NOT listed on the Wage Determination, a contractor or subcontractor can look on the LABOR webpage under prevailing wage.

Contractors and subcontractors shall maintain a valid copy of proper State and county licenses that permit the contractor and a subcontractor to perform construction work in the State of Maryland. These licenses must be retained at the worksite and available for review upon request by the Commissioner of Labor and Industry's designee.

****Each contractor under a public work contract subject to Section 17-219 shall:**

1. Post a clearly legible statement of each prevailing wage rate to be paid under the public work contract; and
2. Keep the statement posted during the full time that any employee is employed on the public work contract.
3. The statement of prevailing wage rates shall be posted in a prominent and easily accessible place at the site of the public work.

****Penalty - Subject to Section 10-1001 of the State Government Article, the Commissioner may impose on a person that violates this section a civil penalty of up to \$50.00 per violation.**

Under the Maryland Apprenticeship and Training Council requirements, consistent with proper supervision, training and continuity of employment and applicable provisions in collective bargaining agreements, a ratio of one journey person regularly employed to one apprentice shall be allowed. No deviation from this ratio shall be permitted without prior written approval from the Maryland Apprenticeship and Training Council.

Laborers may NOT assist mechanics in the performance of the mechanic's work, NOR USE TOOLS peculiar to established trades.

ALL contractors and subcontractors shall employ only competent workers and apprentices and may NOT employ any individual classified as a HELPER or TRAINEE on a prevailing wage project.

The State Apprenticeship and Training Fund (Fund) law provides that contractors and certain subcontractors performing work on certain public work contracts are required to make contributions toward apprenticeship. See §17-601 through 17-606, State Finance and Procurement, Annotated Code of Maryland. Contractors and subcontractors have three options where they can choose to make their contributions: (1) participate in a registered apprenticeship training program; (2) contribute to an organization that has a registered apprenticeship training program; or (3) contribute to the State Apprenticeship and Training Fund.

The Department of Labor (LABOR) is moving forward with final adoption of regulations. The regulations were published in the December 14, 2012 edition of the Maryland Register.

IMPORTANT: Please note that the obligations under this law will become effective on JULY 1, 2013. This law will require that contractors and certain subcontractors make contributions toward apprenticeship and report those contributions on their certified payroll records that they submit pursuant to the prevailing wage law.

The Department is offering outreach seminars to any interested parties including contractors, trade associations, and any other stakeholders. Please contact the Department at dldlprevailingwage-dllr@maryland.gov or (410) 767-2968 for seminar times and locations. In addition, information regarding this law will be provided at pre-construction meetings for projects covered by the Prevailing Wage law.

For additional information, contact:
Division of Labor and Industry
Maryland Apprenticeship and Training
1100 North Eutaw Street, Room 606
Baltimore, Maryland 21201
(410) 767-2246
E-Mail Address: matp@dllr.state.md.us.

STATE OF MARYLAND
DEPARTMENT OF LABOR
DIVISION OF LABOR AND INDUSTRY
PREVAILING WAGE SECTION
1100 N. Eutaw Street, Room 607
Baltimore, MD 21201
(410) 767-2342

The wage rates to be paid laborers and mechanics for the locality described below is announced by order of Commissioner of Labor and Industry.

It is mandatory upon the successful bidder and any subcontractor under him, to pay not less than the specific rates to all workers employed by them in executing contracts in this locality. Reference: Annotated Code of Maryland State Finance and Procurement, Section 17-201 thru 17-226.

These wage rates were taken from the locality survey of 2024 for Washington County, issued pursuant to the Commissioner's authority under State Finance and Procurement Article Section 17-209, Annotated Code of Maryland or subsequent modification.

****Note:** If additional Prevailing Wage Rates are needed for this project beyond those listed below, contact the Prevailing Wage Unit. Phone: (410) 767-2342, email: prevailingwage@dllr.state.md.us.

Name and Title of Requesting Officer: Dawn Baker - Procurement Officer
Department, Agency or Bureau: Hagerstown Community College
11400 Robinwood Drive HAGERSTOWN, MD 21742

Project Number
cc-02-482

Location and Description of work:

Washington County: Renovation the Advanced Technology Center

Determination Number
63342

Date of Issue: Oct 08, 2025

BUILDING CONSTRUCTION

CLASSIFICATION	MODIFICATION REASON	BASIC HOURLY RATE	BORROWED FROM	FRINGE BENEFIT PAYMENT
BALANCING TECHNICIAN	CR	\$47.92		\$24.44
BRICKLAYER	CR	\$33.46	001	\$25.04
CARPENTER	CR	\$30.00		\$21.25
ELECTRICIAN	CR	\$40.00		\$20.20
ELEVATOR MECHANIC	CR	\$56.36		\$45.50
FIRESTOPPER	CR	\$29.81		\$10.08
GLAZIER	CR	\$35.60		\$14.41
INSULATION WORKER	CR	\$40.02		\$19.92
IRONWORKER - REINFORCING	CR	\$30.69	001	\$24.40
IRONWORKER - STRUCTURAL	CR	\$30.69	001	\$24.40
MILLWRIGHT	CR	\$35.82	001	\$20.01

PAINTER	CR	\$28.71		\$17.22
PLUMBER	CR	\$46.21		\$24.90
POWER EQUIPMENT OPERATOR - BACKHOE	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - BULLDOZER	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - CONCRETE PUMP	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - CRANE	CR	\$41.00		\$18.10
POWER EQUIPMENT OPERATOR - DRILL - RIG	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - EXCAVATOR	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - FORKLIFT	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - LOADER	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - MECHANIC	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - OILER	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - ROLLER - EARTH	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR - SKID STEER (BOBCAT)	CR	\$36.02	001	\$16.70
POWER EQUIPMENT OPERATOR-VACUUM TRUCK	CR	\$37.50		\$14.85
ROOFER/WATERPROOFER	CR	\$30.00		\$17.46
SHEETMETAL WORKER (INCLUDING METAL ROOFING)	CR	\$34.12		\$24.69
STEAMFITTER/PIPEFITTER	CR	\$46.21		\$24.90

LABORER GROUP II

LABORER - ASPHALT RAKER	CR	\$23.81	001	\$22.70
LABORER - COMMON	CR	\$23.81	001	\$22.70
LABORER - CONCRETE PUDDLER	CR	\$23.81	001	\$22.70
LABORER - CONCRETE TENDER	CR	\$23.81	001	\$22.70
LABORER - CONCRETE VIBRATOR	CR	\$23.81	001	\$22.70
LABORER - DENSITY GAUGE	CR	\$23.81	001	\$22.70
LABORER - FIREPROOFER - MIXER	CR	\$23.81	001	\$22.70
LABORER - FLAGGER	CR	\$23.81	001	\$22.70
LABORER - GRADE CHECKER	CR	\$23.81	001	\$22.70
LABORER - HAND ROLLER	CR	\$23.81	001	\$22.70
LABORER - JACKHAMMER	CR	\$23.81	001	\$22.70
LABORER - LANDSCAPING	CR	\$23.81	001	\$22.70
LABORER - LAYOUT	CR	\$23.81	001	\$22.70
LABORER - LUTEMAN	CR	\$23.81	001	\$22.70
LABORER - MORTAR MIXER	CR	\$23.81	001	\$22.70
LABORER - PLASTERER - HANDLER	CR	\$23.81	001	\$22.70
LABORER - TAMPER	CR	\$23.81	001	\$22.70

LABORERS GROUP I

LABORER - AIR TOOL OPERATOR	CR	\$23.99	001	\$22.70
LABORER - ASPHALT PAVER	CR	\$23.99	001	\$22.70
LABORER - BLASTER - DYNAMITE	CR	\$23.99	001	\$22.70
LABORER - BURNER	CR	\$23.99	001	\$22.70
LABORER - CONCRETE SURFACER	CR	\$23.99	001	\$22.70
LABORER - HAZARDOUS MATERIAL HANDLER	CR	\$23.99	001	\$22.70
LABORER - MASON TENDER	CR	\$23.99	001	\$22.70
LABORER - PIPELAYER	CR	\$23.99	001	\$22.70
LABORER - SCAFFOLD BUILDER	CR	\$23.99	001	\$22.70

Incidental Craft Data: Caulker, Man Lift Operator, Rigger, Scaffold Builder, and Welder receive the wage and fringe rates prescribed for the craft performing the operation to which welding, scaffold building, rigging, operating a Man Lift, or caulking is incidental.

These **Informational Prevailing Wage Rates** may not be substituted for the requirements of pre-advertisement or onsite job posting for a public work contract that exceeds \$250,000 in value and either of the following criteria are met: (1) the contracting body is a unit of State government or an instrumentality of the State and there is any State funding for the project; or (2) the contracting body is a political subdivision, agency, person or entity (such as a county) and the State funds 25% or more of the project.

Modification Codes:

- (AD) 17-209 Annual Determination from Survey Wage Data Received
- (CH) 17-211 Commissioners' Hearing
- (CR) 17-208 Commissioners' Review
- (SR) 17-208 Survey Review by Staff

Each "Borrowed From" county is identified with the FIPS 3-digit county code unique for the specific jurisdiction in Maryland.

For additional information on the FIPS (Federal Information Processing Standard) code, see <http://www.census.gov/datamap/fipslist/AllSt.txt>

The Prevailing Wage rates appearing on this form were originally derived from Maryland's annual Wage Survey. The Commissioner of Labor & Industry encourages all contractors and interested groups to participate in the voluntary Wage Survey, detailing wage rates paid to workers on various types of construction throughout Maryland.

A mail list of both street and email addresses is maintained by the Prevailing Wage Unit to enable up-to-date prevailing wage information, including Wage Survey notices to be sent to contractors and other interested parties. If you would like to be included in the mailing list, please forward (1) your Name, (2) the name of your company (if applicable), (3) your complete postal mailing address, (4) your email address and (5) your telephone number to PWMAILINGLIST@dlr.state.md.us. Requests for inclusion can also be mailed to: Prevailing Wage, 1100 N. Eutaw Street - Room 607, Baltimore MD 21201-2201.



**NOELKER
AND HULL**
ASSOCIATES, INC.

ARCHITECTS

ADDENDUM NO. 3

Date: October 8, 2025

Project No.: 24901

Client: Hagerstown Community College

Project: Advanced Technology Center Renovation

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents, dated September 5, 2025, as noted below.

This Addendum consists of the attached revised Project Manual Sections 012100, 01500, 015813, 024100, and 042000 and Sheets L100, D101, D102, D103, D104, A301, ID101, ID201, ID204, and ID205.

CHANGES TO THE PROJECT MANUAL

1. Section 012100 – Allowances
 - A. Delete section in its entirety and replace with attached new section.
2. Section 015000 – Temporary Facilities and Controls
 - A. Delete section in its entirety and replace with attached new section.
3. Section 015813 – Temporary Project Signage
 - A. Delete section in its entirety and replace with attached new section.
4. Section 024100 – Demolition
 - A. Delete section in its entirety and replace with attached new section.
5. Section 420000 – Unit Masonry
 - A. Delete section in its entirety and replace with attached new section.

CHANGES TO THE DRAWINGS

1. Sheet L100 – Landscape Plan
 - A. Delete sheet in its entirety and replace with attached revised sheet.
2. Sheet S100- General Notes
 - A. Statement of Special Inspection Notes- second paragraph. Delete “The Owner shall employ” and replace with “The Contractor shall employ”.
3. Sheet D101 – Demolition Plan- Lower Level
 - A. Delete sheet in its entirety and replace with attached revised sheet.
4. Sheet D102 – Demolition Plan- First Floor
 - A. Delete sheet in its entirety and replace with attached revised sheet.
5. Sheet D103 – Demolition Plan- Second Floor
 - A. Delete sheet in its entirety and replace with attached revised sheet.
6. Sheet D104 – Demolition Plan- Roof Plan
 - A. Delete sheet in its entirety and replace with attached revised sheet.
7. Sheet A301 – Door Schedule
 - A. Delete sheet in its entirety and replace with attached revised sheet.

8. Sheet ID201 – Interior Floor Plans, Elevations, and Details
 - A. Delete sheet in its entirety and replace with attached revised sheet.
9. Sheet ID204 – Interior Floor Plans, Elevations, and Details
 - A. Delete sheet in its entirety and replace with attached revised sheet.
10. Sheet ID205 – Interior Floor Plans, Elevations, and Details
 - B. Delete sheet in its entirety and replace with attached revised sheet.

Hagerstown Community College
Advanced Technology Center Renovation

**SECTION 012100
ALLOWANCES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Cash allowances.

1.02 CASH ALLOWANCES

- A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts, less cost of delivery to site , less applicable taxes .
- B. Costs Not Included in Cash Allowances: Product delivery to site and handling at the site, including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing.
- C. Architect Responsibilities:
1. Consult with Contractor for consideration and selection of products, suppliers , and installers.
 2. Select products in consultation with Owner and transmit decision to Contractor.
 3. Prepare Change Order.
- D. Contractor Responsibilities:
1. Assist Architect in selection of products, suppliers , and installers.
 2. Obtain proposals from suppliers and installers and offer recommendations.
 3. On notification of which products have been selected, execute purchase agreement with designated supplier and installer.
 4. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
 5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.
- E. Differences in costs will be adjusted by Change Order.

1.03 ALLOWANCES SCHEDULE

- A. Allowance No. 1: Exterior Directional Site Signage \$5,000.00
1. Provide a \$5,000 Allowance in the Base Bid for the procurement and installation of exterior directional site signage on three stone landscaping walls (Sheet L100) as selected by the Owner and Architect during construction that is not included in the contract documents.
- B. Allowance No. 2: Dedication Plaque \$5,000.00
1. Provide a \$5,000 Allowance in the Base Bid for the procurement and installation of a Dedication Plaque as selected by the Owner and Architect during construction that is not included in the contract documents.
- C. Allowance No. 3: Glass Film \$5,000.00
1. Provide a \$5,000 Allowance in the Base Bid for the procurement and installation of additional glass film in selected interior storefront glazing systems that is not included in the contract documents. Locations, patterns, and extent to be selected by the Owner and Architect during construction.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 015000
TEMPORARY FACILITIES AND CONTROLS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Dewatering
- B. Temporary utilities.
- C. Temporary telecommunications services.
- D. Temporary sanitary facilities.
- E. Temporary Controls: Barriers, enclosures, and fencing.
- F. Security requirements.
- G. Vehicular access and parking.
- H. Waste removal facilities and services.
- I. Project identification sign.
- J. Field offices.

1.02 RELATED REQUIREMENTS

- A. Section 015100 - Temporary Utilities.
- B. Section 015213 - Field Offices and Sheds.

1.03 REFERENCE STANDARDS

1.04 DEWATERING

- A. Provide temporary means and methods for dewatering all temporary facilities and controls.
- B. Maintain temporary facilities in operable condition.

1.05 TEMPORARY UTILITIES - SEE SECTION 015100

- A. Owner will provide the following for Contractor's use:
 - 1. Electrical power. See Section 015100 for metering requirements.
 - 2. Water supply. See Section 015100 for metering requirements.
- B. Existing sanitary facilities may not be used.
- C. Use trigger-operated nozzles for water hoses, to avoid waste of water.

1.06 TELECOMMUNICATIONS SERVICES

- A. Provide, maintain, and pay for telecommunications services to field office at time of project mobilization.
- B. Telecommunications services shall include:
 - 1. Windows-based personal computer dedicated to project telecommunications, with necessary software and laser printer.
 - 2. Project web site.

1.07 TEMPORARY SANITARY FACILITIES

- A. Provide and maintain required facilities and enclosures. Provide at time of project mobilization.
- B. Maintain daily in clean and sanitary condition.

1.08 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas, to prevent access to areas that could be hazardous to workers or the public, to allow for owner's use of site and to protect existing facilities and adjacent properties from damage from construction operations and demolition.

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- B. Provide barricades and covered walkways required by governing authorities for public rights-of-way and for public access to existing building.
- C. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

1.09 FENCING

- A. Construction: Commercial grade chain link fence.
- B. Provide 6 foot high fence around construction site; equip with vehicular and pedestrian gates with locks.
 - 1. Commercial grade chain link fence panels are acceptable.

1.10 EXTERIOR ENCLOSURES

- A. Provide temporary insulated weather tight closure of exterior openings to accommodate acceptable working conditions and protection for Products, to allow for temporary heating and maintenance of required ambient temperatures identified in individual specification sections, and to prevent entry of unauthorized persons. Provide access doors with self-closing hardware and locks.

1.11 INTERIOR ENCLOSURES

- A. Provide temporary partitions and ceilings as indicated to separate work areas from Owner-occupied areas, to prevent penetration of dust and moisture into Owner-occupied areas, and to prevent damage to existing materials and equipment.
- B. Construction: Framing and reinforced polyethylene sheet materials with closed joints and sealed edges at intersections with existing surfaces:
- C. Paint surfaces exposed to view from Owner-occupied areas.

1.12 SECURITY

- A. Provide security and facilities to protect Work, existing facilities, and Owner's operations from unauthorized entry, vandalism, or theft.
- B. Coordinate with Owner's security program.

1.13 VEHICULAR ACCESS AND PARKING - SEE SECTION 015500

- A. Comply with regulations relating to use of streets and sidewalks, access to emergency facilities, and access for emergency vehicles.
- B. Coordinate access and haul routes with governing authorities and Owner.
- C. Provide and maintain access to fire hydrants, free of obstructions.
- D. Provide means of removing mud from vehicle wheels before entering streets.
- E. Designated existing on-site roads may be used for construction traffic.
- F. Provide temporary parking areas to accommodate construction personnel. When site space is not adequate, provide additional off-site parking.

1.14 WASTE REMOVAL

- A. See Section 017419 - Construction Waste Management and Disposal, for additional requirements.
- B. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
- C. Provide containers with lids. Remove trash from site periodically.
- D. If materials to be recycled or re-used on the project must be stored on-site, provide suitable non-combustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.
- E. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

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1.15 PROJECT IDENTIFICATION

- A. Provide project identification sign of design and construction indicated on drawings.
- B. Erect on site at location indicated.
- C. No other signs are allowed without Owner permission except those required by law.

1.16 FIELD OFFICES - SEE SECTION 015213

- A. Office: Weathertight, with lighting, electrical outlets, heating, cooling equipment, and equipped with sturdy furniture, drawing rack, and drawing display table.
- B. Provide space for Project meetings, with table and chairs to accommodate 6 persons.
- C. Locate offices a minimum distance of 30 feet from existing and new structures.

1.17 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. Remove temporary utilities, equipment, facilities, materials, prior to Date of Substantial Completion inspection.
- B. Remove underground installations to a minimum depth of 2 feet. Grade site as indicated.
- C. Clean and repair damage caused by installation or use of temporary work.
- D. Restore existing facilities used during construction to original condition.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 015813
TEMPORARY PROJECT SIGNAGE**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Project identification sign.

1.02 RELATED REQUIREMENTS

- A. Section 011000 - Summary: Responsibility to provide signs.

1.03 REFERENCE STANDARDS

- A. FHWA (SHS) - Standard Highway Signs and Markings; 2004, with Supplement (2012).

1.04 QUALITY ASSURANCE

- A. Design sign and structure to withstand 50 miles/hr wind velocity.
- B. Sign Painter: Experienced as a professional sign painter for minimum three years.
- C. Finishes, Painting: Adequate to withstand weathering, fading, and chipping for duration of construction.

1.05 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Shop Drawing: Show content, layout, lettering, logos, colors, foundation, structure, sizes and grades of members.

PART 2 PRODUCTS

2.01 SIGN MATERIALS

- A. Structure and Framing: New, wood, structurally adequate.
- B. Sign Surfaces: Exterior grade plywood with medium density overlay, minimum 3/4 inch thick, standard large sizes to minimize joints.
- C. Rough Hardware: Galvanized.
- D. Paint and Primers: Exterior quality, two coats; sign background color to be determined.
- E. Lettering: Exterior quality paint, contrasting colors.

2.02 PROJECT IDENTIFICATION SIGN

- A. One painted sign, 64 sq ft area (two 4' x 8' plywood sheets) bottom 6 feet above ground.
- B. Content:
 - 1. Project number, title, logo and name of Owner as indicated on Contract Documents.
 - 2. Names and titles of authorities.
 - 3. Name, title, and logo of Architect as indicated on Contract Documents.
 - 4. Name of Prime Contractor.
- C. Graphic Design, Colors, Style of Lettering: To be determined in accordance with Maryland requirements for publicly funded projects. The Contractor shall procure and pay for signage provided by Maryland Correctional Enterprises (MCE).

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install project identification sign within 30 days after date fixed by Notice to Proceed.
- B. Erect at designated location.
- C. Erect supports and framing on secure foundation, rigidly braced and framed to resist wind loadings.
- D. Install sign surface plumb and level, with butt joints. Anchor securely.

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- E. Paint exposed surfaces of sign, supports, and framing.

3.02 MAINTENANCE

- A. Maintain signs and supports clean, repair deterioration and damage.

3.03 REMOVAL

- A. Remove signs, framing, supports, and foundations at completion of Project and restore the area.

END OF SECTION

**SECTION 024100
DEMOLITION**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Selective asbestos abatement of building elements.
- B. Selective demolition of built site elements.
- C. Selective demolition of building elements for alteration purposes.
- D. Removed and salvaged existing face brick (exterior and interior) for reuse.

1.02 RELATED REQUIREMENTS

- A. Section 011000 - Summary: Limitations on Contractor's use of site and premises.
- B. Section 011000 - Summary: Description of items to be salvaged or removed for re-use by Contractor.
- C. Section 015000 - Temporary Facilities and Controls: Site fences, security, protective barriers, and waste removal.
- D. Section 016000 - Product Requirements: Handling and storage of items removed for salvage and relocation.
- E. Section 017000 - Execution and Closeout Requirements: Project conditions; protection of bench marks, survey control points, and existing construction to remain; reinstallation of removed products; temporary bracing and shoring.
- F. Section 017419 - Construction Waste Management and Disposal: Limitations on disposal of removed materials; requirements for recycling.
- G. Section 070150.19 - Preparation for Re-Roofing: Removal of existing roofing, roof insulation, flashing, trim, and accessories.
- H. Section 312200 - Grading: Rough and fine grading.
- I. Section 312323 - Fill: Fill material for filling holes, pits, and excavations generated as a result of removal operations.

1.03 DEFINITIONS

- A. Demolish: Dismantle, raze, destroy, or wreck any building or structure or any part thereof.
- B. Remove: Detach or dismantle items from existing construction and dispose of them off site, unless items are indicated to be salvaged or reinstalled.
- C. Remove and Salvage: Detach or dismantle items from existing construction in a manner to prevent damage. Clean, package, label and deliver salvaged items to Owner in ready-for-reuse condition.
- D. Remove and Reinstall: Detach or dismantle items from existing construction in a manner to prevent damage. Clean and prepare for reuse and reinstall where indicated.
 - 1. Remove and salvage existing face brick as required for new work to be reused in infill and patch conditions, both exterior and interior.
- E. Existing to Remain: Designation for existing items that are not to be removed and that are not otherwise indicated to be salvaged or reinstalled.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Site Plan: Indicate:
 - 1. Trees and vegetation to be protected.
 - 2. Areas for temporary construction and field offices.
- C. Demolition Plan: Submit demolition plan as required by OSHA and local AHJs.

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1. Indicate extent of demolition, removal sequencing, bracing and shoring, and location and construction of barricades and fences.
 2. Summary of safety procedures.
- D. Demolition firm qualifications.
- E. Project Record Documents: Accurately record actual locations of capped and active utilities and subsurface construction.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Not used.

PART 3 EXECUTION

3.01 ASBESTOS ABATEMENT

- A. Refer to **Asbestos Abatement Specification prepared by ECS Mid-Atlantic LLC, dated August 19, 2025**, at the end of this section.

3.02 DEMOLITION

- A. Within area of new construction, remove foundation walls and footings to minimum 2 feet below finished grade.
- B. Outside area of new construction, remove foundation walls and footings to minimum 2 feet below finished grade.
- C. Remove concrete slabs on grade as indicated on drawings.
- D. Remove fences and gates as indicated on drawings.
- E. Remove other items indicated, for salvage and relocation.
- F. Fill excavations, open pits, and holes in ground areas generated as result of removals, using specified fill; compact fill as specified in Section 312200.

3.03 GENERAL PROCEDURES AND PROJECT CONDITIONS

- A. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public.
1. Obtain required permits.
 2. Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures.
 3. Provide, erect, and maintain temporary barriers and security devices.
 4. Conduct operations to minimize effects on and interference with adjacent structures and occupants.
 5. Do not close or obstruct roadways or sidewalks without permits from authority having jurisdiction.
 6. Conduct operations to minimize obstruction of public and private entrances and exits. Do not obstruct required exits at any time. Protect persons using entrances and exits from removal operations.
- B. Do not begin removal until receipt of notification to proceed from Owner.
- C. Do not begin removal until built elements to be salvaged or relocated have been removed.
- D. Do not begin removal until vegetation to be relocated has been removed and vegetation to remain has been protected from damage.
- E. Protect existing structures and other elements to remain in place and not removed.
1. Provide bracing and shoring.
 2. Prevent movement or settlement of adjacent structures.
 3. Stop work immediately if adjacent structures appear to be in danger.
- F. Hazardous Materials:

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1. If hazardous materials are discovered during removal operations beyond what is identified and required in the abatement specification, stop work and notify Architect and Owner; hazardous materials include regulated asbestos containing materials, lead, PCBs, and mercury.
- G. Perform demolition in a manner that maximizes salvage and recycling of materials.
 1. Comply with requirements of Section 017419 - Construction Waste Management and Disposal.
 2. Dismantle existing construction and separate materials.
 3. Set aside reusable, recyclable, and salvageable materials; store and deliver to collection point or point of reuse.
- H. Partial Removal of Paving and Curbs: Neatly saw cut at right angle to surface.

3.04 EXISTING UTILITIES

- A. Coordinate work with utility companies. Notify utilities before starting work, comply with their requirements, and obtain required permits.
- B. Protect existing utilities to remain from damage.
- C. Do not disrupt public utilities without permit from authority having jurisdiction.
- D. Do not close, shut off, or disrupt existing life safety systems that are in use without at least 7 days prior written notification to Owner.
- E. Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at least 3 days prior written notification to Owner.
- F. Locate and mark utilities to remain; mark using highly visible tags or flags, with identification of utility type; protect from damage due to subsequent construction, using substantial barricades if necessary.
- G. Remove exposed piping, valves, meters, equipment, supports, and foundations of disconnected and abandoned utilities.
- H. Prepare building demolition areas by disconnecting and capping utilities outside the demolition zone. Identify and mark, in same manner as other utilities to remain, utilities to be reconnected.

3.05 SELECTIVE DEMOLITION FOR ALTERATIONS

- A. Existing construction and utilities indicated on drawings are based on casual field observation and existing record documents only.
 1. Verify construction and utility arrangements are as indicated.
 2. Report discrepancies to Architect before disturbing existing installation.
 3. Beginning of demolition work constitutes acceptance of existing conditions that would be apparent upon examination prior to starting demolition.
- B. Separate areas in which demolition is being conducted from areas that remain occupied.
 1. Provide, erect, and maintain temporary dustproof partitions of construction _____.
- C. Maintain weatherproof exterior building enclosure, except for interruptions required for replacement or modifications; prevent water and humidity damage.
- D. Remove existing work as indicated and required to accomplish new work.
 1. Remove items indicated on drawings.
- E. Services including, but not limited to, HVAC, Plumbing, Fire Protection, Electrical, and Telecommunications: Remove existing systems and equipment as indicated.
 1. Maintain existing active systems to remain in operation, and maintain access to equipment and operational components.
 2. Where existing active systems serve occupied facilities but are to be replaced with new services, maintain existing systems in service until new systems are complete and ready for service.
 3. Verify that abandoned services serve only abandoned facilities before removal.

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4. Remove abandoned pipe, ducts, conduits, and equipment, including those above accessible ceilings. Remove back to source of supply where possible, otherwise cap stub and tag with identification.
- F. Protect existing work to remain.
 1. Prevent movement of structure. Provide shoring and bracing as required.
 2. Perform cutting to accomplish removal work neatly and as specified for cutting new work.
 3. Repair adjacent construction and finishes damaged during removal work.
 4. Patch to match new work.

3.06 DEBRIS AND WASTE REMOVAL

- A. Remove debris, junk, and trash from site.
- B. Remove materials not to be reused on site; comply with requirements of Section 017419 - Waste Management.
- C. Leave site in clean condition, ready for subsequent work.
- D. Clean up spillage and wind-blown debris from public and private lands.

END OF SECTION

**SECTION 042000
UNIT MASONRY**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Concrete block.
- B. Concrete building brick.
- C. Brick Veneer (including salvaged brick).
- D. Mortar and grout.
- E. Reinforcement and anchorage.
- F. Flashings.
- G. Lintels.
- H. Accessories.

1.02 RELATED REQUIREMENTS

- A. Section 040100 - Maintenance of Masonry.
- B. Section 055000 - Metal Fabrications: Loose steel lintels.
- C. Section 071113 - Bituminous Dampproofing: Dampproofing masonry surfaces.
- D. Section 072100 - Thermal Insulation: Insulation for cavity spaces.
- E. Section 076200 - Sheet Metal Flashing and Trim: Through-wall masonry flashings.
- F. Section 078400 - Firestopping: Firestopping at penetrations of fire-rated masonry and at top of fire-rated walls.
- G. Section 079200 - Joint Sealants: Sealing control and expansion joints.

1.03 REFERENCE STANDARDS

- A. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2023.
- B. ASTM A615/A615M - Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement; 2022.
- C. ASTM A641/A641M - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire; 2019.
- D. ASTM A666/A666M - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2024.
- E. ASTM A951/A951M - Standard Specification for Steel Wire for Masonry Joint Reinforcement; 2022.
- F. ASTM A1064/A1064M - Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete; 2022.
- G. ASTM C55 - Standard Specification for Concrete Building Brick; 2023.
- H. ASTM C90 - Standard Specification for Loadbearing Concrete Masonry Units; 2023.
- I. ASTM C129 - Standard Specification for Nonloadbearing Concrete Masonry Units; 2023.
- J. ASTM C144 - Standard Specification for Aggregate for Masonry Mortar; 2018.
- K. ASTM C150/C150M - Standard Specification for Portland Cement; 2022.
- L. ASTM C207 - Standard Specification for Hydrated Lime for Masonry Purposes; 2018.
- M. ASTM C216 - Standard Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale); 2023.

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- N. ASTM C270 - Standard Specification for Mortar for Unit Masonry; 2019a, with Editorial Revision.
- O. ASTM C404 - Standard Specification for Aggregates for Masonry Grout; 2024.
- P. ASTM C476 - Standard Specification for Grout for Masonry; 2023.
- Q. ASTM C979/C979M - Standard Specification for Pigments for Integrally Colored Concrete; 2016.
- R. ASTM C1714/C1714M - Standard Specification for Preblended Dry Mortar Mix for Unit Masonry; 2019a.
- S. ASTM D226/D226M - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing; 2017 (Reapproved 2023).
- T. BIA Technical Notes No. 7 - Water Penetration Resistance – Design and Detailing; 2017.
- U. BIA Technical Notes No. 13 - Ceramic Glazed Brick Exterior Walls; 2017.
- V. BIA Technical Notes No. 28B - Brick Veneer/Cold-Formed Steel Framed Walls; 2025.
- W. BIA Technical Notes No. 46 - Maintenance of Brick Masonry; 2017.
- X. TMS 402/602 - Building Code Requirements and Specification for Masonry Structures; 2022, with Errata (2024).

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data for each type of product.
- C. Samples: Submit four samples of each type and color of exposed masonry units to illustrate color, texture, and extremes of color range.

1.05 QUALITY ASSURANCE

- A. Comply with provisions of TMS 402/602, except where exceeded by requirements of Contract Documents.
- B. Installer Qualifications: Company specializing in performing work of the type specified and with at least 5 years of documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, handle, and store masonry units by means that will prevent mechanical damage and contamination by other materials.
- B. Store masonry units on elevated platforms in a dry location. If units are not stored in an enclosed location, cover tops and sides of stacks with waterproof sheeting, securely tied. If units become wet, so not install until they are dry.

PART 2 PRODUCTS

2.01 CONCRETE MASONRY UNITS

- A. Concrete Block: Comply with referenced standards and as follows:
 - 1. Size: Standard units with nominal face dimensions of 16 by 8 inches and nominal depths as indicated on drawings for specific locations.
 - 2. Special Shapes: Provide nonstandard blocks configured for corners.
 - a. Provide bullnose units for outside corners.
 - 3. Load-Bearing Units: ASTM C90, normal weight.
 - 4. Nonloadbearing Units: ASTM C129.
 - a. Hollow block.
- B. Concrete Brick:
 - 1. Concrete Building Brick: ASTM C55; lightweight, solid, for interior or concealed use.

2.02 BRICK UNITS

- A. Manufacturers:

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1. Glen-Gery <https://www.glengery.com/>.
 2. Substitutions: See section 016000 - Product Requirements.
- B. Facing Brick: ASTM C216, Type FBS Smooth, Grade SW.
1. Color and texture to match existing.
 2. Nominal size: Modular size 3-5/8 inches wide by 2-1/4 inches high by 7-5/8 inches long..
 3. Match existing brick in all respects, including size and color.
 - a. Contractor shall carefully salvage all existing brick required to be removed for new work, both exterior and interior, and clean as required for reuse at infill and patch conditions.
 - b. Infill and patch conditions, both exterior and interior, shall be toothed-in into existing adjacent masonry.
 4. Special shapes: Molded units as required by conditions indicated, unless standard units can be sawn to produce equivalent effect.

2.03 MORTAR AND GROUT MATERIALS

- A. Portland Cement: ASTM C150/C150M, Type I or II; color as required to produce approved color sample.
- B. Hydrated Lime: ASTM C207, Type S.
- C. Mortar Aggregate: ASTM C144.
- D. Grout Aggregate: ASTM C404.
- E. Pigments for Colored Mortar: Pure, concentrated mineral pigments specifically intended for mixing into mortar and complying with ASTM C979/C979M.
1. Color(s): As selected by Architect from manufacturer's full range.
 2. Manufacturers:
 - a. Davis Colors, a division of Venator Materials PLC: www.daviscolors.com/#sle.
 - b. Lambert Corporation: www.lambertusa.com/#sle.
 - c. Solomon Colors, Inc: www.solomoncolors.com/#sle.
- F. Water: Clean and potable.
- G. Accelerating Admixture: Nonchloride type for use in cold weather.
- H. Packaged Dry Material for Mortar for Unit Masonry: Premixed Portland cement, hydrated lime, and sand; complying with ASTM C1714/C1714M and capable of producing mortar of the specified strength in accordance with ASTM C270 with the addition of water only.
1. Type: Type N.
 2. Color: Standard gray.
- I. Packaged Dry Material for Grout for Masonry: Premixed cementitious materials and dried aggregates; capable of producing grout of the specified strength in accordance with ASTM C476 with the addition of water only.

2.04 REINFORCEMENT AND ANCHORAGE

- A. Reinforcing Steel: ASTM A615/A615M, Grade 40 (40,000 psi), deformed billet bars; uncoated.
- B. Joint Reinforcement: Use ladder type joint reinforcement where vertical reinforcement is involved and truss type elsewhere, unless otherwise indicated.
- C. Single Wythe Joint Reinforcement: ASTM A951/A951M.
1. Type: Truss or ladder.
 2. Material: ASTM A1064/A1064M steel wire, mill galvanized to ASTM A641/A641M Class 3.
 3. Size: 0.1483 inch side rods with 0.1483 inch cross rods; width as required to provide not less than 5/8 inch of mortar coverage on each exposure.
- D. Adjustable Multiple Wythe Joint Reinforcement: ASTM A951/A951M.
1. Type: Truss, with adjustable ties or tabs spaced at 16 in on center.

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2. Material: ASTM A1064/A1064M steel wire, hot dip galvanized after fabrication to ASTM A153/A153M Class B.
 3. Size: 0.1875 inch side rods with 0.1483 inch cross rods and adjustable components of 0.1875 inch wire, width of components as required to provide not less than 5/8 inch of mortar coverage from each masonry face.
 4. Vertical adjustment: Not more than 1 1/4 inches.
- E. Flexible Anchors: 2-piece anchors that permit differential movement between masonry and building frame, sized to provide not less than 5/8 inch of mortar coverage from masonry face.
- F. Masonry Veneer Anchors: 2-piece anchors that permit differential movement between masonry veneer and structural backup, hot dip galvanized to ASTM A 153/A 153M, Class B.
1. Anchor plates: Not less than 0.075 inch thick, designed for fastening to structural backup through sheathing by two fasteners; provide design with legs that penetrate sheathing and insulation to provide positive anchorage.
 2. Wire ties: Manufacturer's standard shape, 0.1875 inch thick.
 3. Vertical adjustment: Not less than 3-1/2 inches.

2.05 FLASHINGS

- A. Metal Flashing Materials:
1. Stainless Steel Flashing: ASTM A666/A666M, Type 304, soft temper; 26 gauge, 0.0187 inch thick; finish 2B to 2D.
- B. Membrane Asphaltic Flashing Materials:
1. Rubberized Asphalt Flashing: Self-adhering polymer modified asphalt sheet; 40 mils (0.040 inch) minimum total thickness; 8 mil cross-laminated polyethylene bonded to adhesive rubberized asphalt, with a removable release liner.
- C. Flashing Sealant/Adhesives: Silicone, polyurethane, or silyl-terminated polyether/polyurethane or other type required or recommended by flashing manufacturer; type capable of adhering to type of flashing used.
- D. Drip Edge: Stainless steel; angled drip with hemmed edge; compatible with membrane and adhesives.
- E. Lap Sealants and Tapes: As recommended by flashing manufacturer; compatible with membrane and adhesives.

2.06 ACCESSORIES

- A. Joint Filler: Closed cell polyvinyl chloride; oversized 50 percent to joint width; self expanding; in maximum lengths available.
- B. Cavity Mortar Control: Semi-rigid polyethylene or polyester mesh panels, sized to thickness of wall cavity, and designed to prevent mortar droppings from clogging weeps and cavity vents and allow proper cavity drainage.
1. Mortar Diverter: Semi-rigid mesh designed for installation at flashing locations.
 - a. Manufacturers:
 - 1) Mortar Net Solutions; MortarNet: www.mortarnet.com/#sle.
- C. Building Paper: ASTM D226/D226M, Type I ("No.15") asphalt felt.
- D. Weeps:
1. Type: Extruded propylene with honeycomb design.
 2. Color(s): As selected by Architect from manufacturer's full range.
- E. Cleaning Solution: Non-acidic, not harmful to masonry work or adjacent materials.

2.07 LINTELS

- A. Prefabricated Steel Lintels: Refer to Section 055000 - Metal Fabrications.

2.08 MORTAR AND GROUT MIXING

- A. Mortar for Unit Masonry: ASTM C270, using the Proportion Specification.

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1. Masonry below grade and in contact with earth: Type S.
 2. Exterior, loadbearing masonry: Type S.
 3. Exterior, non-loadbearing masonry: Type N.
 4. Interior, loadbearing masonry: Type N.
 5. Interior, non-loadbearing masonry: Type O.
- B. Colored Mortar: Proportion selected pigments and other ingredients to match Architect's sample, without exceeding manufacturer's recommended pigment-to-cement ratio.
1. Color shall match existing.
- C. Grout: ASTM C476; consistency required to fill completely volumes indicated for grouting; fine grout for spaces with smallest horizontal dimension of 2 inches or less; coarse grout for spaces with smallest horizontal dimension greater than 2 inches.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field conditions are acceptable and are ready to receive masonry.
1. All infill and patch conditions shall be toothed-in into existing adjacent masonry.
- B. Verify that related items provided under other sections are properly sized and located.
- C. Verify that built-in items are in proper location, and ready for roughing into masonry work.

3.02 PREPARATION

- A. Direct and coordinate placement of metal anchors supplied for installation under other sections.
- B. Provide temporary bracing during installation of masonry work. Maintain in place until building structure provides permanent bracing.

3.03 COLD AND HOT WEATHER REQUIREMENTS

- A. Comply with requirements of TMS 402/602 or applicable building code, whichever is more stringent.
- B. Maintain materials and surrounding air temperature to minimum 40 degrees F prior to, during, and 48 hours after completion of masonry work.
- C. Maintain materials and surrounding air temperature to maximum 90 degrees F prior to, during, and 48 hours after completion of masonry work.

3.04 COURSING

- A. Establish lines, levels, and coursing indicated. Protect from displacement.
- B. Maintain masonry courses to uniform dimension. Form vertical and horizontal joints of uniform thickness.
- C. Concrete Masonry Units:
1. Bond: Running.
 2. Coursing: One unit and one mortar joint to equal 8 inches.
 3. Mortar Joints: Concave.
- D. Brick Units:
1. Bond: Running.
 2. Coursing: Three units and three mortar joints to equal 8 inches.
 - a. All infill and patch conditions shall be toothed-in into existing adjacent masonry.
 3. Mortar Joints: Match existing profile..

3.05 PLACING AND BONDING

- A. Lay solid masonry units in full bed of mortar, with full head joints, uniformly jointed with other work.
- B. Lay hollow masonry units with face shell bedding on head and bed joints.
- C. Remove excess mortar and mortar smears as work progresses.

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Advanced Technology Center Renovation

- D. Interlock intersections and external corners, except for units laid in stack bond.
- E. Tooth-in all infill and patch conditions, both exterior and interior, to align with and match existing adjacent masonry.
- F. Do not shift or tap masonry units after mortar has achieved initial set. Where adjustment must be made, remove mortar and replace.
- G. Perform job site cutting of masonry units with proper tools to provide straight, clean, unchipped edges. Prevent broken masonry unit corners or edges.
- H. Cut mortar joints flush where wall tile is scheduled or resilient base is scheduled.
- I. Isolate top joint of masonry partitions from horizontal structural framing members and slabs or decks with compressible joint filler.

3.06 WEEPS/CAVITY VENTS

- A. Install weeps in veneer and cavity walls at 24 inches on center horizontally on top of through-wall flashing above shelf angles and lintels and at bottom of walls.

3.07 CAVITY MORTAR CONTROL

- A. Do not permit mortar to drop or accumulate into cavity air space or to plug weep/cavity vents.
- B. For cavity walls, build inner wythe ahead of outer wythe to accommodate accessories.
- C. Install cavity mortar diverter at base of cavity and at other flashing locations as recommended by manufacturer to prevent mortar droppings from blocking weep/cavity vents.

3.08 REINFORCEMENT AND ANCHORAGE - GENERAL, SINGLE WYTHER MASONRY, AND CAVITY WALL MASONRY

- A. Unless otherwise indicated on drawings or specified under specific wall type, install horizontal joint reinforcement 16 inches on center.
- B. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches each side of opening.
- C. Place continuous joint reinforcement in first and second joint below top of walls.
- D. Embed longitudinal wires of joint reinforcement in mortar joint with at least 5/8 inch mortar cover on each side.
- E. Lap joint reinforcement ends minimum 6 inches.
- F. Fasten anchors to structural framing and embed in masonry joints as masonry is laid. Unless otherwise indicated on drawings or closer spacing is indicated under specific wall type, space anchors at maximum of 36 inches horizontally and 24 inches vertically.
- G. Embed ties and anchors in mortar joint and extend into masonry unit a minimum of 1-1/2 inches with at least 5/8 inch mortar cover to the outside face of the anchor.

3.09 REINFORCEMENT AND ANCHORAGE - MASONRY VENEER

- A. Masonry Back-Up: Embed anchors to bond veneer at maximum 16 inches on center vertically and 36 inches on center horizontally. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 inches on center.
- B. Stud Back-Up: Secure veneer anchors to stud framed back-up and embed into masonry veneer at maximum 16 inches on center vertically and 24 inches on center horizontally. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 inches on center.

3.10 REINFORCEMENT AND ANCHORAGES - MULTIPLE WYTHER UNIT MASONRY

- A. Use individual metal ties installed in horizontal joints to bond wythes together. Provide ties spaced as indicated on drawings.
- B. Support and secure reinforcing bars from displacement. Maintain position within 1/2 inch of dimensioned position.

3.11 MASONRY FLASHINGS

- A. Whether or not specifically indicated, install masonry flashing to divert water to exterior at all locations where downward flow of water will be interrupted.
 - 1. Extend flashings full width at such interruptions and at least 6 inches, minimum, into adjacent masonry or turn up flashing ends at least 1 inch, minimum, to form watertight pan at nonmasonry construction.
 - 2. Remove or cover protrusions or sharp edges that could puncture flashings.
 - 3. Seal lapped ends and penetrations of flashing before covering with mortar.
- B. Terminate flashing up 8 inches minimum on vertical surface of backing:
 - 1. Install vertical leg of flashing behind water-resistive barrier sheet over backing.
- C. Install flashing in accordance with manufacturer's instructions and BIA Technical Notes No. 7.
- D. Extend metal flashings through exterior face of masonry and terminate in an angled drip with hemmed edge. Install joint sealer below drip edge to prevent moisture migration under flashing.
- E. Support flexible flashings across gaps and openings.
- F. Extend plastic, laminated, and EPDM flashings to within 1/2 inch of exterior face of masonry and adhere to top of stainless steel angled drip with hemmed edge.
- G. Lap end joints of flashings at least 6 inches, minimum, and seal watertight with flashing sealant/adhesive.

3.12 LINTELS

- A. Install loose steel lintels over openings.
- B. Maintain minimum 8 inch bearing on each side of opening.

3.13 GROUTED COMPONENTS

- A. Lap splices minimum 24 bar diameters.
- B. Support and secure reinforcing bars from displacement. Maintain position within 1/2 inch of dimensioned position.
- C. Place and consolidate grout fill without displacing reinforcing.

3.14 CONTROL AND EXPANSION JOINTS

- A. Do not continue horizontal joint reinforcement through control or expansion joints.
- B. Form control joint with a sheet building paper bond breaker fitted to one side of the hollow contour end of the block unit. Fill the resultant core with grout fill. Rake joint at exposed unit faces for placement of backer rod and sealant.
- C. Size control joints as indicated on drawings; if not indicated, 3/4 inch wide and deep.

3.15 BUILT-IN WORK

- A. As work progresses, install built-in metal door frames and glazed frames and other items to be built into the work and furnished under other sections.
- B. Install built-in items plumb, level, and true to line.
- C. Do not build into masonry construction organic materials that are subject to deterioration.

3.16 TOLERANCES

- A. Install masonry within the site tolerances found in TMS 402/602.

3.17 PARGING

- A. Dampen masonry walls prior to parging.
- B. Scarify each parging coat to ensure full bond to subsequent coat.
- C. Parge masonry walls in two uniform coats of mortar to a total thickness of 3/4 inch.
- D. Steel trowel surface smooth and flat with a maximum surface variation of 1/8 inch per foot.

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- E. Strike top edge of parging at 45 degrees.

3.18 FIELD QUALITY CONTROL

- A. An independent testing agency will perform field quality control tests, as specified in Section 014000 - Quality Requirements.

3.19 CLEANING

- A. Remove excess mortar and mortar droppings.
- B. Replace defective mortar. Match adjacent work.
- C. Clean soiled surfaces with cleaning solution.

3.20 PROTECTION

- A. Without damaging completed work, provide protective boards at exposed external corners that are subject to damage by construction activities.

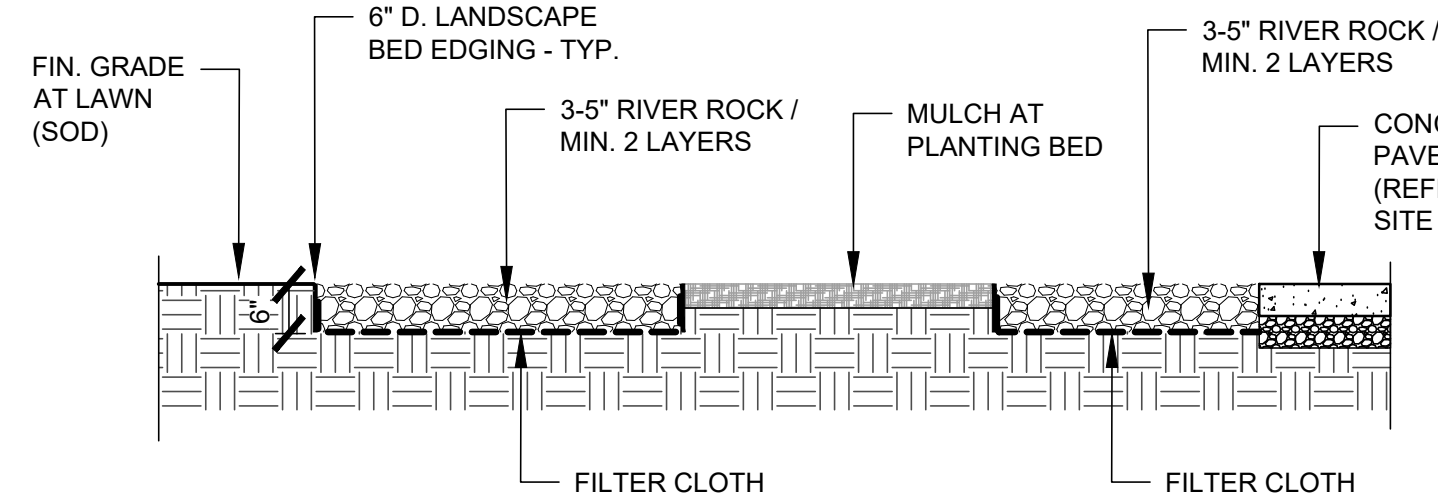
END OF SECTION



TABLE WITH BENCH SEATS
(Global Industrial to match existing)
PROVIDE 2 STD / 1 ADA



TRASH RECEPTABLE
RELOCATE (2) EXISTING
(final locations to be determined by HCC)

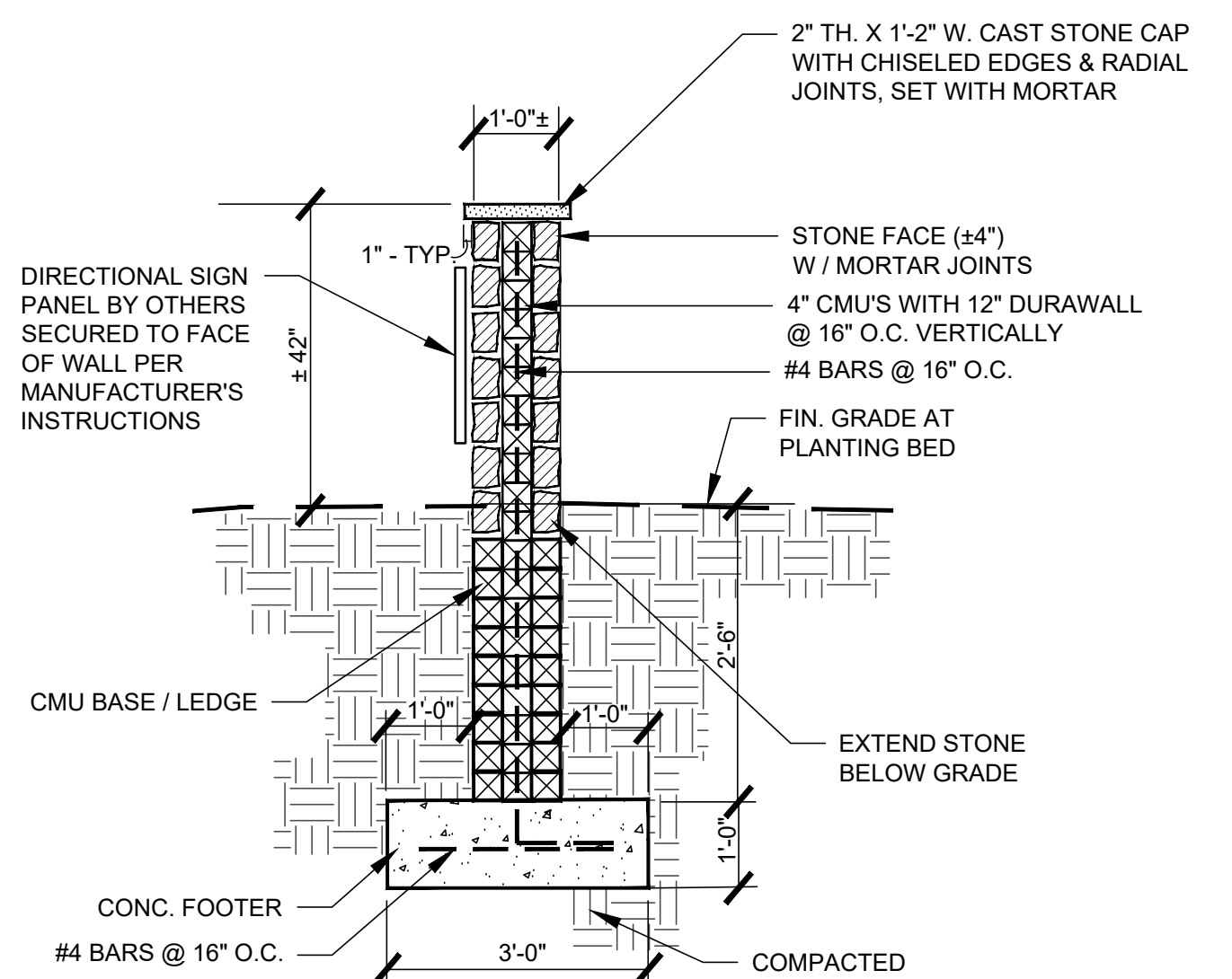


**TYPICAL SECTION
RIVER ROCK/PLANTING BED**
SCALE: 1/2\"/>

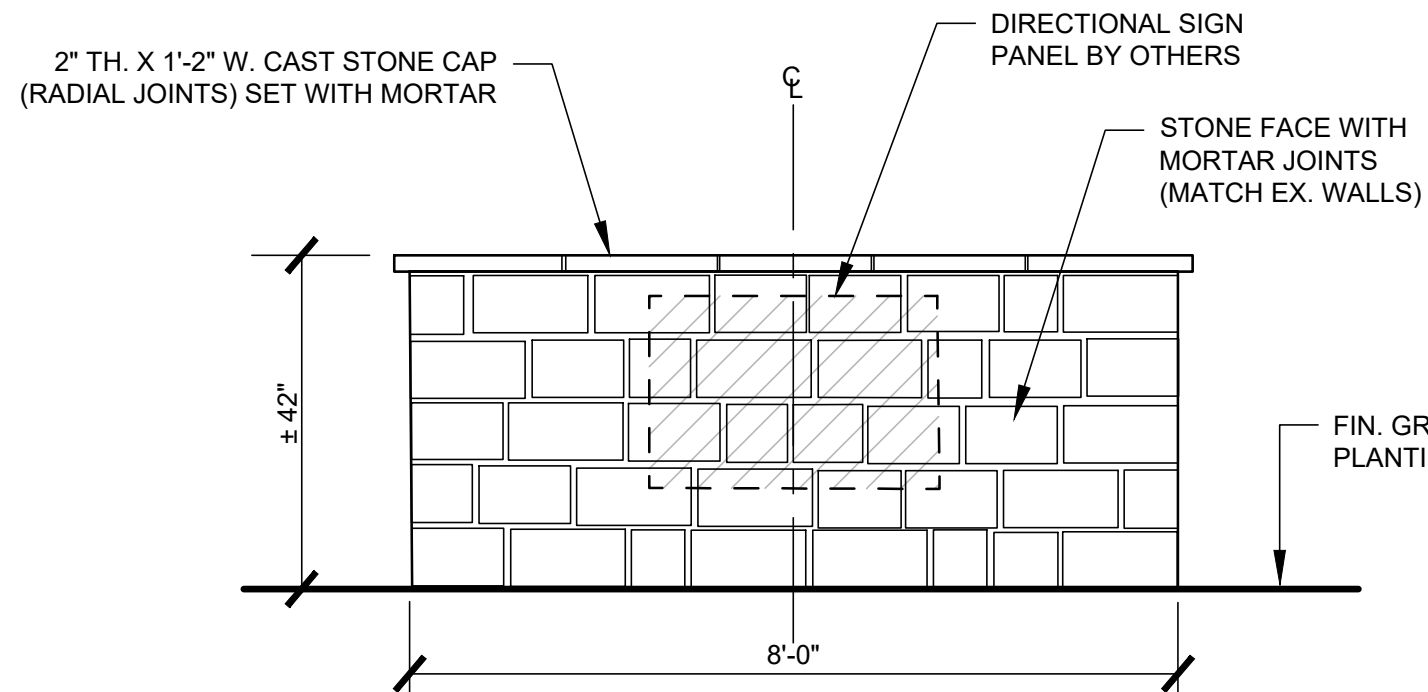


STONE WALL EXAMPLE

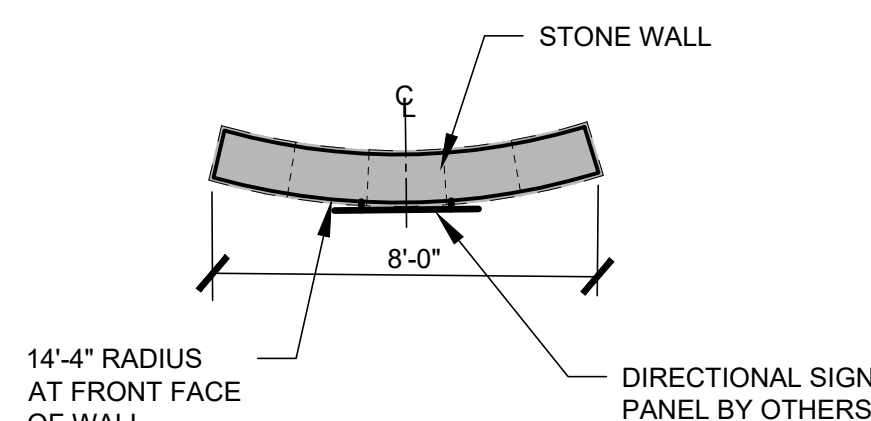
NOTE: CAST STONE CAP, FACE STONES, AND MORTAR TO MATCH EXISTING WALLS ELSEWHERE ON CAMPUS.



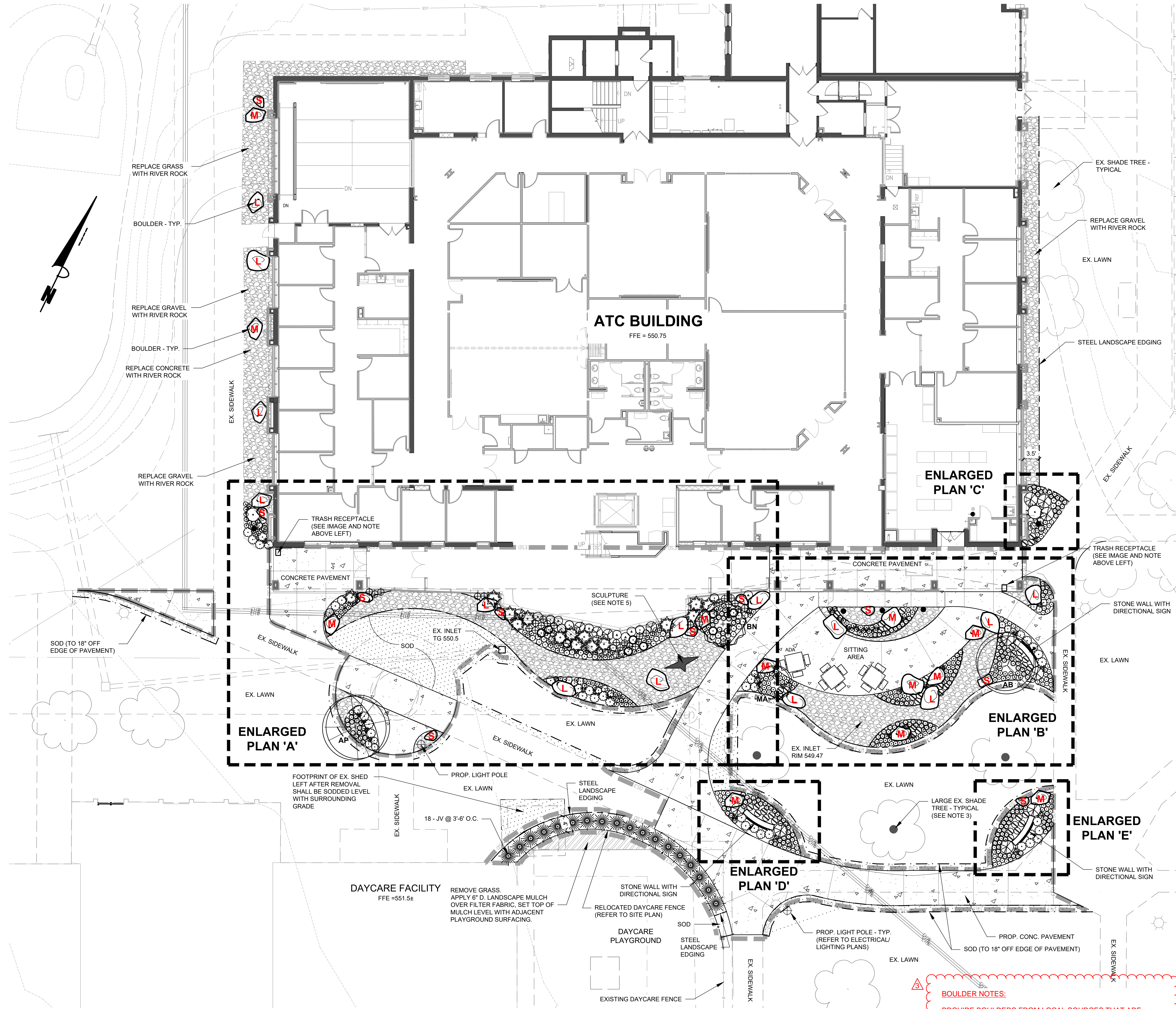
**TYPICAL SECTION
STONE SIGN WALL**
SCALE: 1/2\"/>



**ELEVATION
STONE SIGN WALL**
SCALE: 1/2\"/>

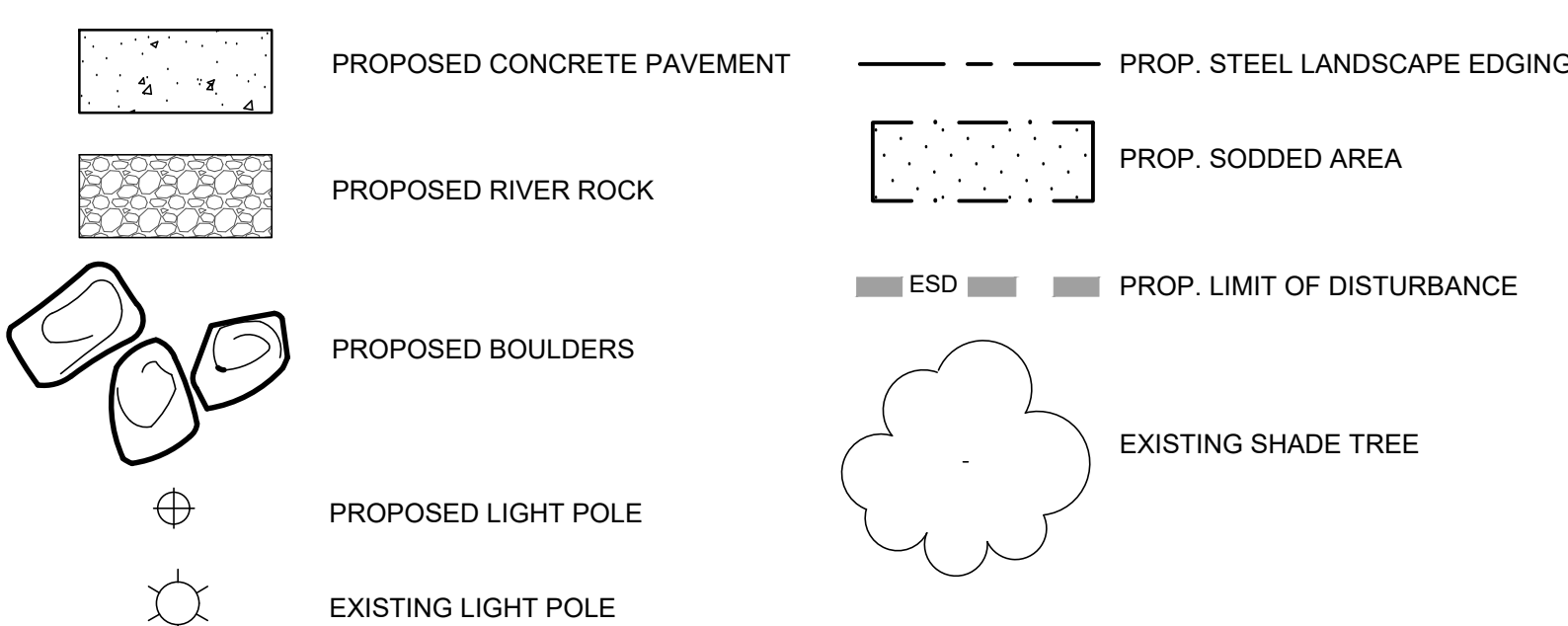


**PLAN VIEW
STONE SIGN WALL**
SCALE: 1/4\"/>



OVERALL LANDSCAPE PLAN
SCALE: 1\"/>

LANDSCAPE LEGEND



GENERAL PLANTING NOTES:

- CONTRACTOR IS TO NOTIFY MISS UTILITY A MINIMUM OF 72 HOURS PRIOR TO DIGGING. TELEPHONE: 1-800-257-7777
- THE LANDSCAPE ARCHITECT IS TO BE NOTIFIED 48 HOURS BEFORE PLANTING BEGINS. THE LOCATION OF ALL PLANT MATERIAL IS TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT.
- THIS PLAN IS FOR PLANTING PURPOSES ONLY.
- NO TREE OR SHRUB PLANTING PITS ARE TO BE LEFT OPEN OR UNATTENDED.
- SHRUBS, PERENNIALS AND GRASSES ARE TO BE GROUPED INTO MULCHED BEDS WITH STEEL LANDSCAPE EDGING AS SHOWN.
- ANY EXISTING GRASS WITHIN THE PLANTING BEDS AND RIVER ROCK AREAS SHALL BE KILLED OR REMOVED PRIOR TO MULCHING AND THE INSTALLATION OF RIVER ROCK.
- ALL AREAS THAT ARE DISTURBED DURING CONSTRUCTION AND ARE NOT SCHEDULED TO BE PAVED OR PLANTING SHALL BE SODDED WITH TURFGRASS AS SPECIFIED.

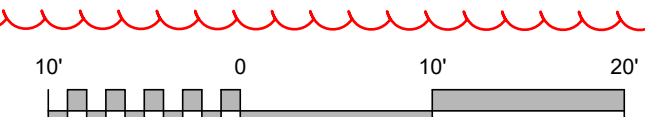
BOULDER NOTES:

PROVIDE BOULDERS FROM LOCAL SOURCES THAT ARE COMPATIBLE WITH STONE WALLS THROUGHOUT THE CAMPUS.
SIZES:
SMALL (S): 24\"/>

BOULDERS SHALL BE PARTIALLY BURIED.

NOTES:

- REFER TO SHEET L101 FOR ENLARGED PLANTING PLANS.
- REFER TO SHEET L102 FOR PLANT LIST, PLANTING DETAILS, AND SPECIFICATIONS.
- EXISTING TREES SHALL BE ROOT PRUNED PRIOR TO CONSTRUCTION AND PROTECTED DURING CONSTRUCTION. REFER TO SHEETS C-100 TO C-102.
- INSTALL SOD 18\"/>
- THE PROPOSED SCULPTURE IS TO BE DETERMINED BY THE OWNER. NOT ON CONTRACT.



6 NORTH EAST STREET, SUITE 300
FREDERICK, MD | 21701-5680
P: 301.662.8611 | F: 301.662.8632
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TRIAD ENGINEERING, INC.
1075 D Sherman Ave
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P: 301.797.6400 | F: 301.797.2424



HUMAN & ROHDE, INC.
Landscape Architects
512 Virginia Ave
Towson, MD | 21286
P: 410.825.3885 | F: 410.825.3887



Advanced Consulting Engineers P.A.
Structural Engineers
5235 Westview Drive
Suite 100
Frederick, MD | 21703
P: 301.258.8884



Henry Adams, LLC
400 Baltimore Ave
Suite 400
Baltimore, MD | 21204
P: 410.296.6500



Wright Engineering, LLC
Data / Communications
853 Ripple Stream Court
Joppa, MD | 21085
P: 410.877.6297 | F: 866.635.0374

The Contract Documents for the indicated public improvement were prepared under my supervision and, to the best of my knowledge and belief, they comply with the relevant building codes of the State of Maryland.
Signature _____ Date _____
License # _____ Expiration Date _____

PROJECT TITLE

**ADVANCED TECHNOLOGY
CENTER RENOVATION**

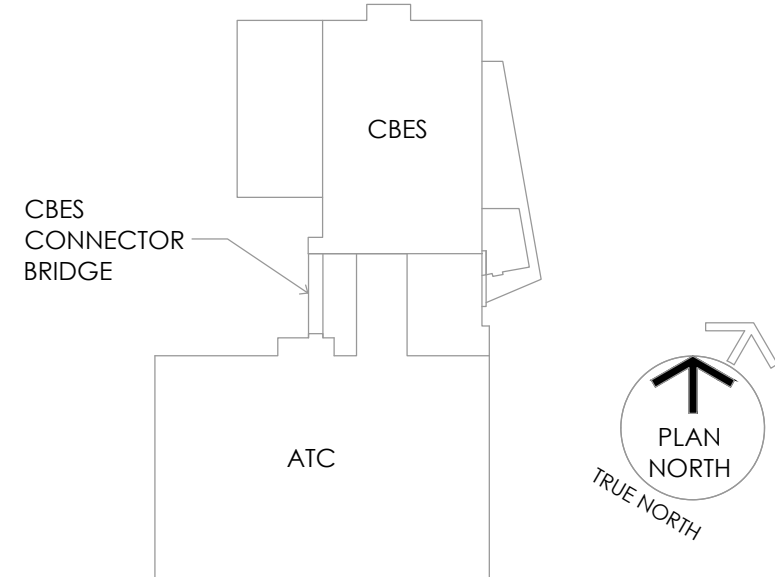
PROJECT ADDRESS

11400 ROBINWOOD DRIVE
HAGERSTOWN, MD 21742

PROJECT OWNER



KEY PLAN



ISSUED FOR

DESCRIPTION	DATE
DESIGN DEVELOPMENT SUBMISSION	09/20/2024
50% CONSTRUCTION DOCUMENTS	03/14/2025
95% CONSTRUCTION DOCUMENTS	05/02/2025
100% CONSTRUCTION DOCUMENTS	06/06/2025
PERMIT SUBMISSION	07/16/2025
BID SUBMISSION	09/05/2025
ADDENDUM #3	10/08/2025

CAD DWG FILE:
DRAWN BY: NHA / LBP
CHK'D BY: NHA / LBP

JOB NUMBER: **24901 & DGS CC-02-MC23-482**
ISSUE DATE: **09/05/2025**

LANDSCAPE PLAN

SHEET NUMBER:

L100
SHEET 11 OF 181

The Contract Documents for the indicated public improvement were prepared under my supervision and, to the best of my knowledge and belief, they comply with the relevant building codes of the State of Maryland.

Signature _____ Date _____
 License # _____, Expiration Date ____/____/____

PROJECT INFORMATION

PROJECT TITLE

ADVANCED TECHNOLOGY CENTER RENOVATION

PROJECT ADDRESS

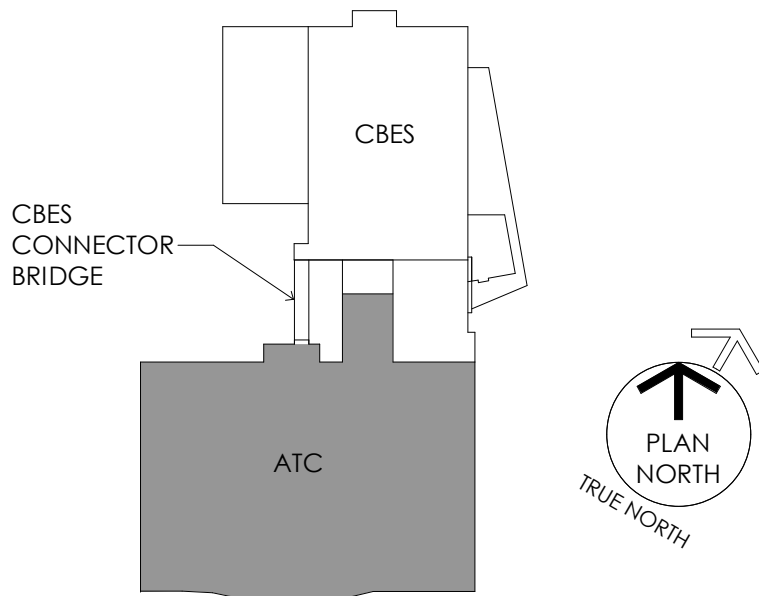
11400 ROBINWOOD DRIVE
HAGERSTOWN, MD 21742

PROJECT OWNER



SHEET INFORMATION

KEY PLAN



ISSUED FOR

[illegible]

CAD DWG FILE:

DRAWN BY: NHA

CHK'D BY: NHA

JOB NUMBER: 24901 & DGS CC-02-MC23-482

ISSUE DATE: 09/05/2025

SHEET TITLE

DEMOLITION PLAN - FIRST FLOOR

SHEET NUMBER:

D102

SHEET 25 OF 181

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DEMOLITION PLAN GENERAL NOTES

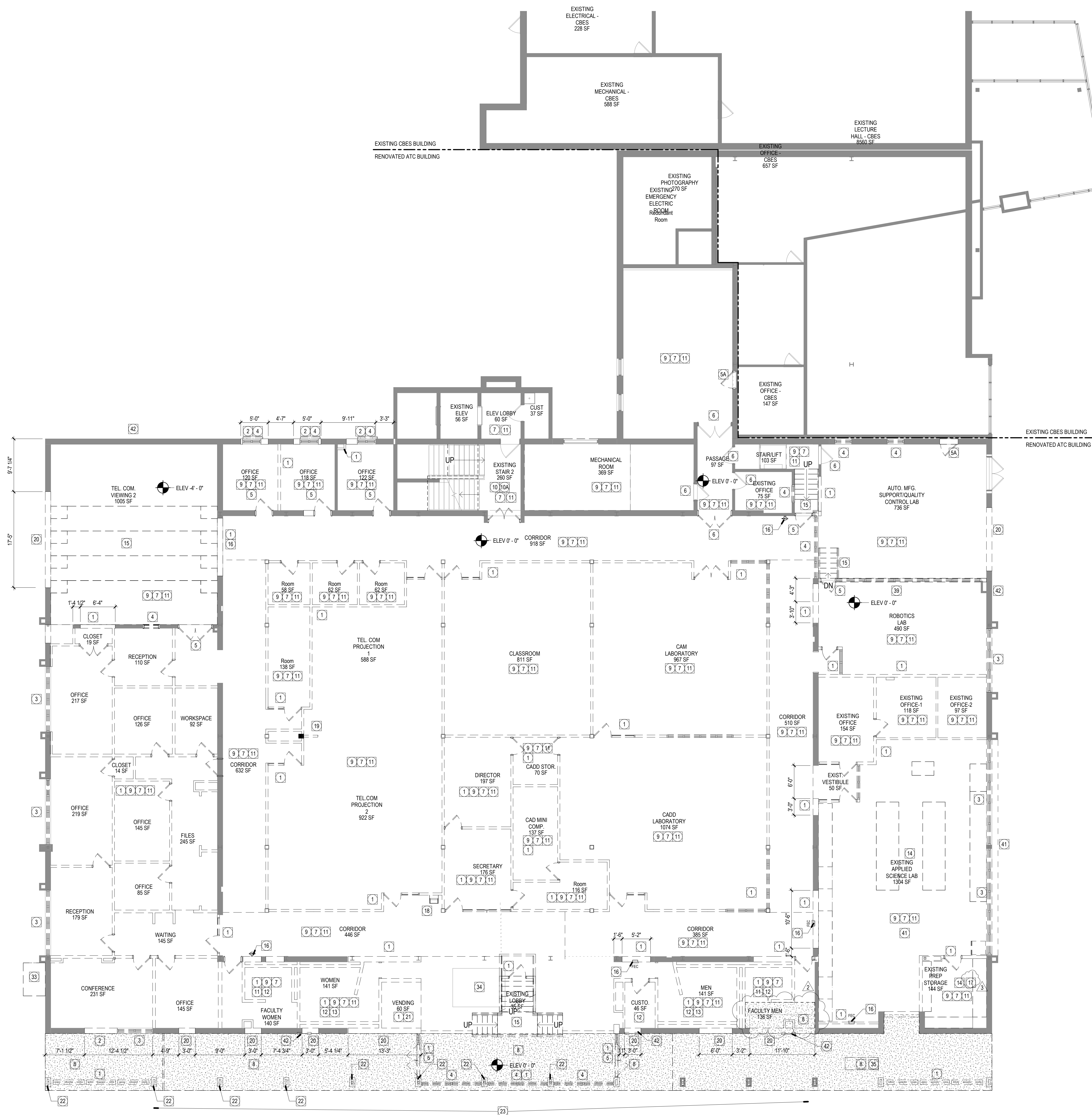
1. CONTRACTOR SHALL COORDINATE ITEMS TO BE SALVAGED WITH OWNER
2. REMOVE WALLS FROM FLOOR TO STRUCTURE ABOVE. INCLUDE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND EQUIPMENT. REFER TO MECHANICAL ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO AND COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION WORK REQUIRED BUT NOT INDICATED ON THIS DRAWING.
4. FOR DEMOLITION AND PATCHING OF WALLS REQUIRING NEW FINISHES, REFER TO FINISH SCHEDULE FOR MATERIALS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF THEIR OWN TRADES WORK.
6. EACH TRADE TO COORDINATE THEIR RESPECTIVE DEMOLITION RESPONSIBILITIES WITH OTHER TRADES WORKING ON THE PROJECT.
7. CONTRACTOR TO MAINTAIN FIRE RATINGS OF ALL FLOORS, WALLS AND CEILING. FILL ALL VOIDS, HOLES AND OPENINGS CREATED DUE TO DEMOLITION WITH APPROVED RATED MATERIAL. THE CONTRACTOR SHALL PROVIDE FIRE SAFING MATERIAL TO MAINTAIN THE FIRE RATINGS OF THE FLOORS, WALLS AND CEILING.
8. PATCH AND REPAIR EXISTING CEILING AS REQUIRED DUE TO DEMOLITION.
9. COORDINATE WITH ARCHITECT FOR ALL PATCHING AND REPAIR WORK.
10. SALVAGE EXISTING BRICK FOR INFILL AND PATCHING TO MATCH EXISTING, EXTERIOR AND INTERIOR. COORDINATE.
11. CONTRACTOR SHALL TAKE A LOOK AS REQUIRED FOR NEW MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION WORK, TYPICAL AT ALL LOCATIONS NOT SHOWN ON DEMOLITION PLAN.

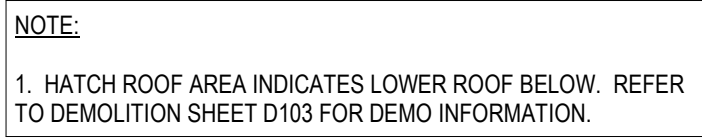
DEMOLITION KEYNOTE LEGEND

#	DESCRIPTION
1	REMOVE WALLS (OR PORTION) INCLUDING ANY DOORS AND/OR WINDOWS SHOWN AS DASHED IN ITS ENTIRETY. PATCH EXISTING FLOOR TO RECEIVE NEW FINISHES AS SCHEDULED.
2	REMOVE PORTION OF WALL, SALVAGE EXISTING BRICK - COORDINATE w/ NEW CONSTRUCTION
3	REMOVE WINDOW AND PORTION OF WALL BELOW, SALVAGE EXISTING BRICK - COORDINATE w/ NEW CONSTRUCTION
4	REMOVE WINDOW IN ITS ENTIRETY. INFILL WITH CONSTRUCTION TO MATCH EXISTING.
5	REMOVE DOOR, FRAME, AND HARDWARE IN ITS ENTIRETY
6A	REMOVE DOOR, FRAME, AND HARDWARE IN ITS ENTIRETY; INFILL WITH CONSTRUCTION TO MATCH EXISTING.
7	REMOVE HARDWARE ONLY- DOOR & FRAME TO REMAIN.
8	REMOVE BASE AND FLOOR FINISH IN ITS ENTIRETY
9	SAW CUT AND REMOVE PORTION OF CONCRETE SLAB (OR PORTION - HATCHED) IN ITS ENTIRETY. PREPARE AREA FOR NEW CONSTRUCTION.
10	REMOVE WALL FINISH DOWN TO EXISTING SUBSTRATE IN ITS ENTIRETY.
11	CAREFULLY CUT EXISTING STEEL GUARDRAIL AND PREPARE FOR NEW GUARDRAIL.
12A	REMOVE WALL-MOUNTED HANDRAILS AND PREPARE FOR NEW HANDRAILS
13	REMOVE CEILING IN ITS ENTIRETY
14	REMOVE PLUMBING FIXTURE - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
15	REMOVE TOILET PARTITION IN ITS ENTIRETY
16	REMOVE COUNTERTOP AND/OR CASEWORK IN ITS ENTIRETY
17	REMOVE STAIRS, RAILING, AND PLATFORM
18	REMOVE FIRE EXTINGUISHERS
19	REMOVE AND SALVAGE EXISTING CORROSION CABINET AND FLAMMABLES CABINET FOR RE-INSTALLATION. COORDINATE WITH MECHANICAL SHEET M-101.
20	REMOVE DRINKING FOUNTAIN, AND PERTAINING PLUMBING (COORDINATE WITH PLUMBING) PATCH AND REPAIR FLOOR / WALL AS REQUIRED TO MATCH EXISTING FINISHES.
21	REMOVE FOLDING PARTITION DOOR IN ITS ENTIRETY.
22	REMOVE EXTERIOR WALL AND VENEER (OR PORTION) SHOWN AS DASHED. PROVIDE LINTEL PER STRUCTURAL DRAWINGS IF REQUIRED. - COORDINATE w/ NEW CONSTRUCTION
23	REMOVE AND SALVAGE EXISTING VENDING MACHINES; TURN OVER TO OWNER AND REFER TO NEW PLANS FOR RELOCATION OF EQUIPMENT.
24	REMOVE EXTERIOR VENEER AND COLUMN SHOWN AS DASHED. - COORDINATE w/ NEW CONSTRUCTION AND STRUCTURAL DRAWINGS.
25	REMOVE PORTION OF LANDSCAPE, LAWN, AND SOIL AND PREPARE AREA FOR NEW LANDSCAPING.
26	REMOVE METAL COPING IN ITS ENTIRETY; PREPARE FOR NEW COPING AND FLASHING, COORDINATE WITH NEW WORK.
27	REMOVE METAL COPING, BLOCKING AND PRECAST FACIA UNDER COPING IN ITS ENTIRETY; COORDINATE WITH NEW WORK.
28	REMOVE EXISTING ROOF MEMBRANE, FLASHING, AND INSULATION DOWN TO EXISTING ROOF DECK. PREPARE ROOF FOR NEW ROOF SYSTEM COORDINATE WITH NEW BUILDING SYSTEMS MAINTAINED OR NEW.
29	REMOVE ROOF PENETRATIONS, ROOF TOP EQUIPMENT AND CURBS PERTAINING TO EXISTING EQUIPMENT AND HOODS; PATCH AND REPAIR ROOF AS REQUIRED FOR INSTALLATION OF NEW INSULATION AND ROOFING MEMBRANE. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS.
30	REMOVE EXISTING ROOF (OR PORTION-HATCHED) ROOF FRAMING, METAL DECK, METAL COPING, PRECAST FACIA, AND INSULATION IN ITS ENTIRETY; PREPARE ROOF FOR NEW WORK AND COORDINATE WITH STRUCTURAL.
31	REMOVE EXISTING METAL ROOF IN ITS ENTIRETY; PREPARE ROOF FOR NEW METAL ROOF SYSTEM.
32	REMOVE EXISTING EXTERIOR WALLS, WINDOWS AND DOMED METAL ROOF IN ITS ENTIRETY.
33	REMOVE EXISTING BRIDGE GLASS STRUCTURE (WALLS AND DOMED ROOF) IN ITS ENTIRETY; MAINTAIN ELEVATED SLAB AND STEEL FRAMING AND ENCLOSED PANELS AND FRAMING (NEW); COORDINATE WITH NEW WORK.
34	REMOVE EXISTING MECHANICAL SYSTEMS IN BRIDGE. COORDINATE WITH MECHANICAL, AND NEW WORK.
35	REMOVE CONCRETE PADBASE AND CUT OUT CONCRETICUALLY IN WALL AS REQUIRED TO REPLACE WITH BRICK. PATCH VENEER WITH BRICK TO MATCH.
36	EXTEND CUT AS REQUIRED FOR NEW ELEVATOR PIT FOOTINGS AND FOUNDATION.
37	REMOVE FLUSH STEEL ACCESS PANEL AND FRAME; PREPARE FOR NEW WORK.
38	CUT OPENING IN EXISTING ROOF DECK FOR NEW SKYLIGHTS; PREPARE ROOF FOR NEW INSULATION AND ROOF SYSTEM.
39	CUT OVERFLOW SCUPPERS INTO EXISTING PRECAST FACIA PANEL/PARAPET, TYPICAL OF 2.
40	MAINTAIN AND PROTECT EXISTING PIPING AT EXISTING ROOF DRAINS; COORDINATE NEW ROOF DRAINS WITH PLUMBING.
41	REMOVE STOREFRONT, AND WALL ABOVE IN ITS ENTIRETY. CMJ WALL BELOW TO FLUSH WITH FIRST FLOOR LEVEL. PATCH FIRST FLOOR LEVEL SLAB AS REQUIRED.
42	SAW CUT EXISTING FLOOR FOR NEW FOOTINGS; REFER TO SDEETS S201 & S304 FOR NEW FOOTINGS / ELEVATED STRUCTURAL FLOOR FRAMING
43	REMOVE LOUVERED SOFFITS AND PREPARE FOR NEW WORK.
44	REMOVE EXISTING LOWER (LOW OR HIGH) AND PREPARE FOR NEW INFILL TO MATCH EXISTING.

— — — — — ITEMS REMOVED TYPICALLY
DENOTED BY LIGHT DASHED LINES

5 0 5 10 15 20
1/8" = 1'-0"
SCALE FEET





SHEET 27 OF 181

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DOOR SCHEDULE - SECOND FLOOR LEVEL														
MARK	DOOR DATA					HARDWARE	FRAME DATA					REMARKS		
	TYPE	OPENING DIMENSION W x H	MULTI LEAF DOOR	MATERIAL	GLAZING		RATING	TYPE	MATERIAL	HEAD	JAMB		SILL	
EXIST SECOND FLOOR (ATC BLDG AND CBES BLDG)														
200	E	6'-0" x 7'-0"	•	ALUM	G3	-	11A	F-19	ALUM	H3	C1, C2 & M1	S3	-	
200A	C	6'-0" x 7'-0"	•	WD	G5	-	60 MIN	11E	F-1	HM	H1	J1	-	
201A	A	3'-0" x 7'-0"		WD	-	-	10D	F-1	HM	H1	J1	-	-	
201B	A	3'-0" x 7'-0"		WD	-	-	10E	F-1	HM	H1	J1	-	-	
201C	A	3'-0" x 7'-0"	•	WD	-	-	10C	F-1	HM	H1	J1	-	-	
202	A	3'-0" x 7'-0"		WD	-	-	04	F-1	HM	H1	J1	-	-	
203	A	3'-0" x 7'-0"		WD	-	-	02	F-1	HM	H1	J1	-	-	
204	A	3'-0" x 7'-0"		WD	-	-	02	F-1	HM	H1	J1	-	-	
205	ETR	3'-0" x 7'-0"		HM-ETR	-	ETR	X03B	ETR	HM-ETR	ETR	ETR	ETR	-	*NOTE 4 ON GENERAL NOTES
207	ETR	3'-0" x 7'-0"		HM-ETR	-		X03B	ETR	HM-ETR	ETR	ETR	ETR	-	*NOTE 4 ON GENERAL NOTES
208	ETR	3'-0" x 7'-0"		HM-ETR	-		X03D	ETR	HM-ETR	ETR	ETR	ETR	-	*NOTE 4 ON GENERAL NOTES
210	E	6'-0" x 7'-0"	•	ALUM	G3	-	03D	F-4	ALUM	H3	J3, J3A & M1	S3	-	
210A	D	3'-0" x 7'-0"		WD	G3	-	06	F-1	HM	H1	J1	-	-	
211	E	6'-0" x 7'-0"	•	ALUM	G3	-	03D	F-5	ALUM	H3	J3, J3A & M1	S3	-	
211A	A	3'-6" x 7'-0"		WD	-	-	08D	F-1	HM	H1	J1	-	-	
212	E	6'-0" x 7'-0"	•	ALUM	G3	-	03D	F-5	ALUM	H3	J3, J3A & M1	S3	-	
212A	A	3'-6" x 7'-0"		WD	-	-	08E	F-1	HM	H1	J1	-	-	
212B	D	3'-0" x 7'-0"		WD	G3	-	06	F-1	HM	H1	J1	-	-	
212C	E	6'-0" x 7'-0"	•	ALUM	G1	-	18C	F	ALUM	6/A501	J9	J9A	8/A503	-
213	E			ALUM	G3	-	03C	F-6	ALUM	H3	J8, J3A 19/A603 & M1, M2	S3	-	
214	E	3'-0" x 7'-0"	•	ALUM	G3	-	03D	F-4	ALUM	H3	J3, J3A & M1	S3	-	
214A	E	6'-0" x 7'-0"		ALUM	G3	-	03C	F-3	ALUM	H3	J8, J3A 19/A603 & M1, M2	S3	-	
215	B	3'-0" x 7'-0"		WD	G3	-	05A	F-7	HM	H1	J1, J1A, M3	-	-	
217	D	3'-0" x 7'-0"		WD	G3	-	05	F-1	HM	H1	J1	-	-	
218A	A	3'-0" x 7'-0"		WD	-	-	08	F-1	HM	H1	J1	-	-	
219	D	3'-0" x 7'-0"		WD	G3	-	05	F-1	HM	H1	J1	-	-	
220	D	3'-0" x 7'-0"		WD	G3	-	05	F-1	HM	H1	J1	-	-	
221	C	3'-0" x 7'-0"		WD	G3	-	05	F-1	HM	H1	J1	-	-	
300	C	3'-0" x 7'-0"		IHM	G1	-	11D	F-2	HM	H7	J7	-	-	CARD READER
300A	C	3'-0" x 7'-0"		IHM	G1	-	11	F-13	HM	H8	J8, J8A & M3	-	-	CARD READER

CAD DWG FILE:
DRAWN BY: NHA
CHK'D BY: NHA

DOOR SCHEDULE

SHEET NUMBER:

A301

SHEET 37 OF 181

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 Joppa, MD | 21085
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The Contract Documents for the indicated public improvement were prepared under my supervision and, to the best of my knowledge and belief, they comply with the relevant building codes of the State of Maryland.

Signature _____ Date _____
 License # _____, Expiration Date ____/____/____

PROJECT INFORMATION

PROJECT ADDRESS
11400 ROBINWOOD DRIVE
HAGERSTOWN, MD 21742

PROJECT OWNER

SHEET INFORMATION

KEY PLAN

[illegible]

AD DWG FILE:	
RAWN BY: NHA	
CHK'D BY: NHA	

DOB NUMBER:	24901 & DGS CC-02-MC23-482
SUE DATE:	09/05/2025
SHEET TITLE:	

FIRST FLOOR PARTIAL FINISH PLAN

SHEET NUMBER:

ID101

SHEET 60 OF 181

25 NOELKER AND HULL ASSOCIATES, INC.



The Contract Documents for the indicated public improvement were prepared under my supervision and, to the best of my knowledge and belief, they comply with the relevant building codes of the State of Maryland.

Signature _____ Date _____
 License # _____ Expiration Date ____/____/____

PROJECT INFORMATION

PROJECT TITLE

ADVANCED TECHNOLOGY CENTER RENOVATION

PROJECT ADDRESS

11400 ROBINWOOD DRIVE
HAGERSTOWN, MD 21742

PROJECT OWNER



SHEET INFORMATION

KEY PLAN

[illegible]

CAD DWG FILE:

DRAWN BY: NHA

CHK'D BY: NHA

JOB NUMBER: 24901 & DGS CC-02-MC23-482

ISSUE DATE: 09/05/2025

SHEET TITLE:

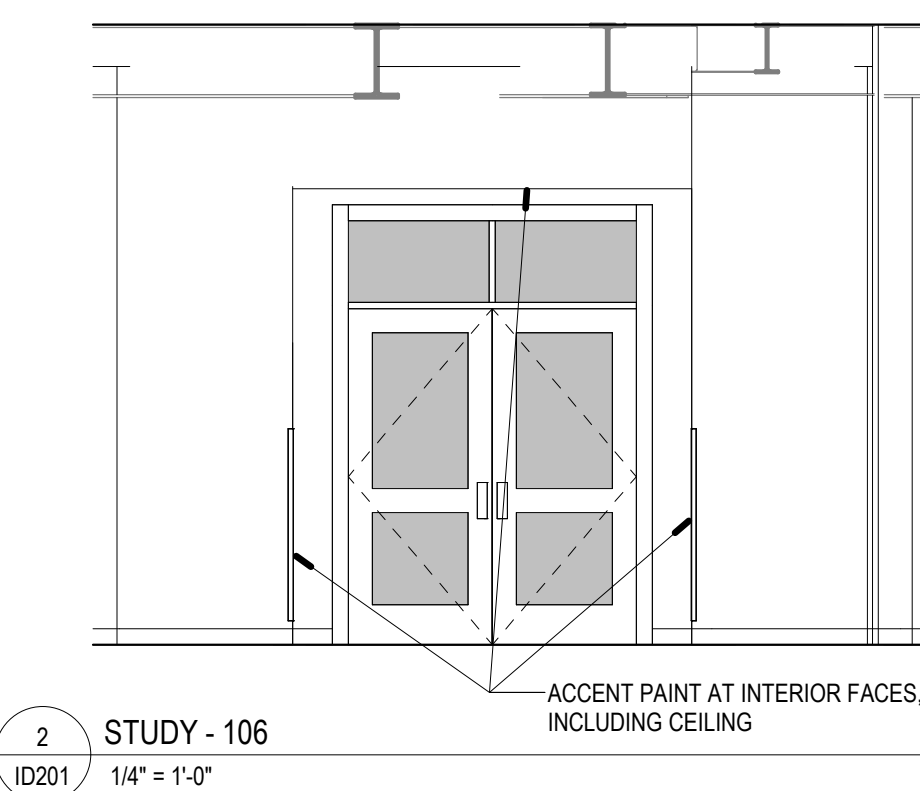
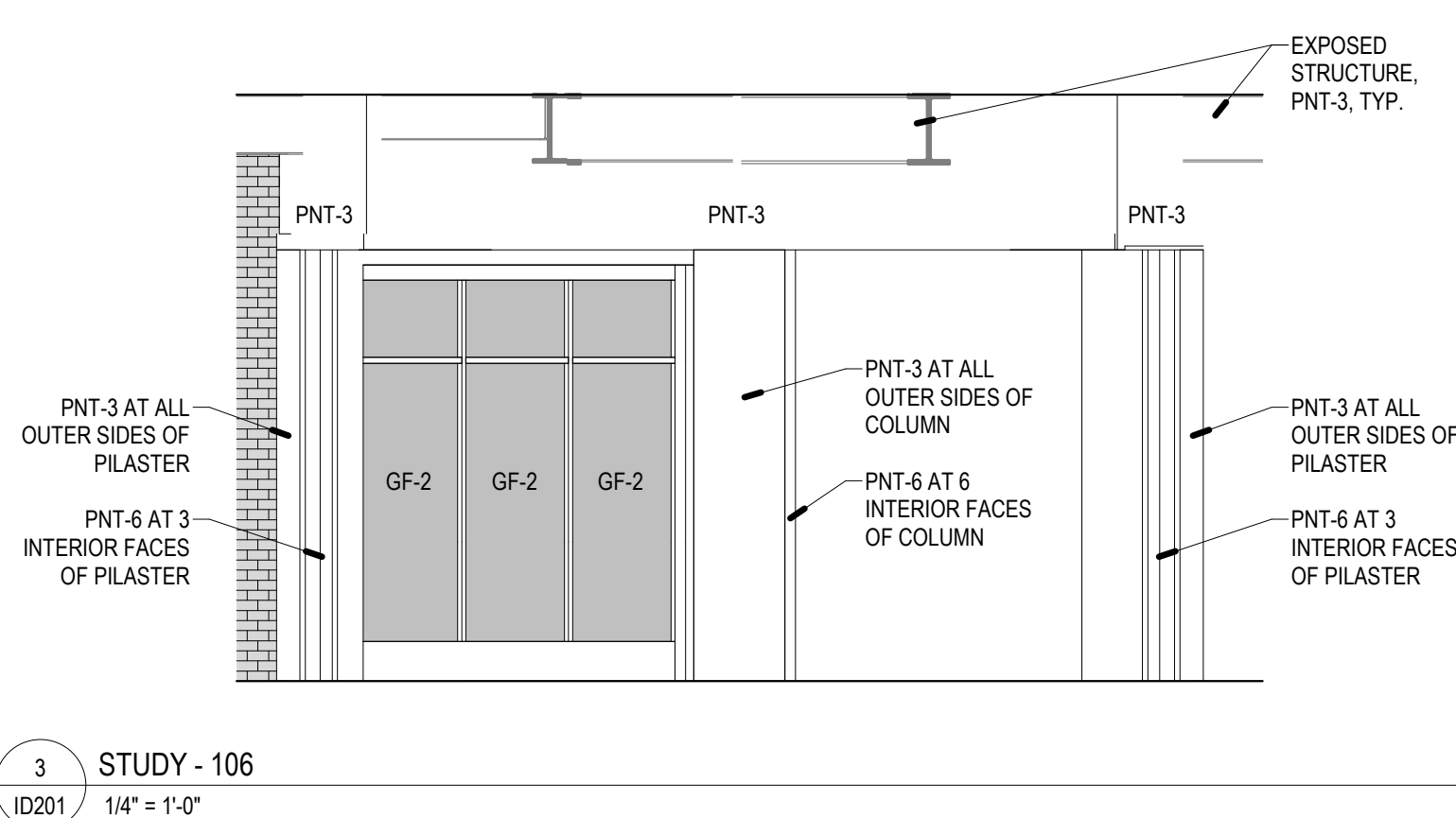
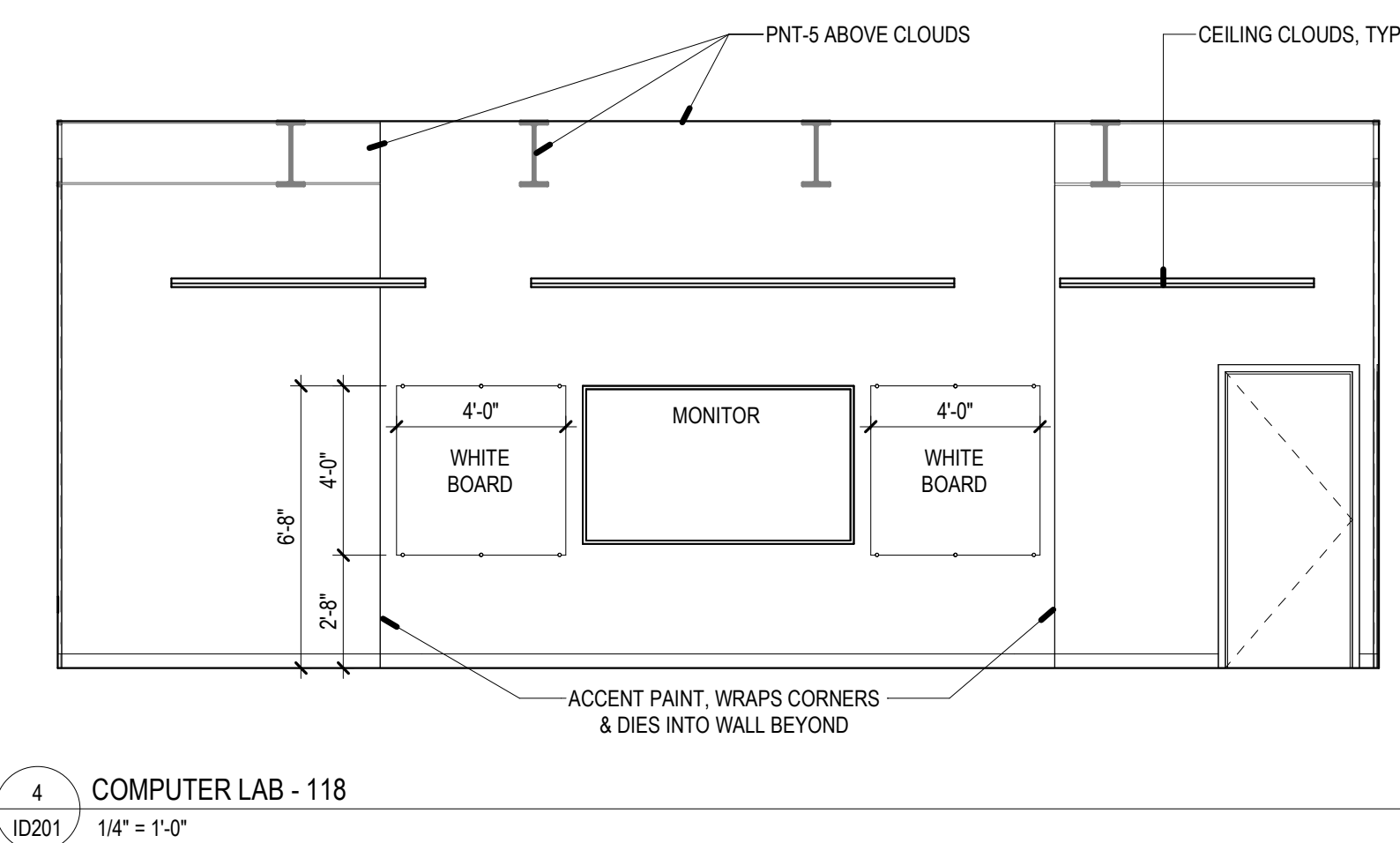
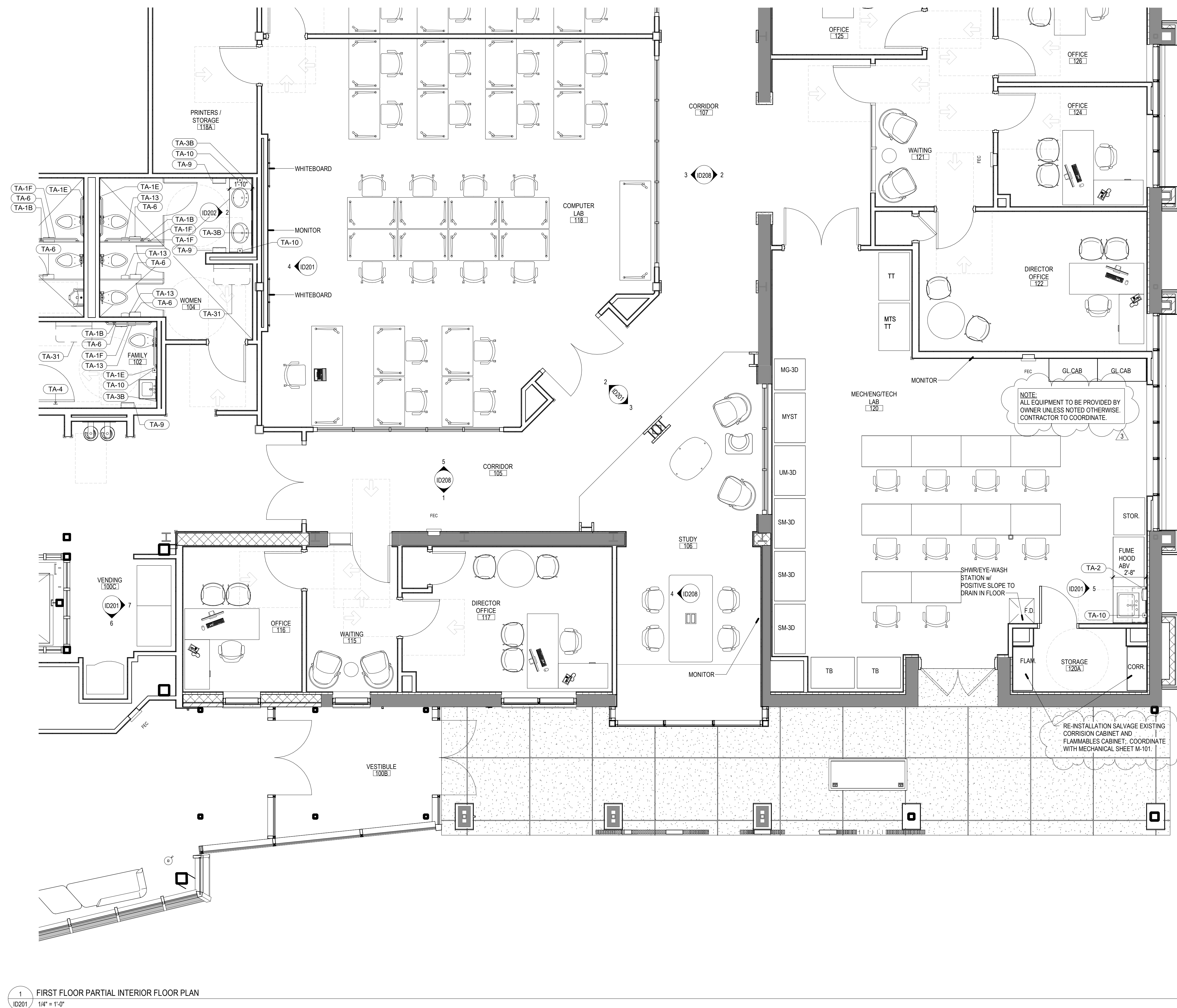
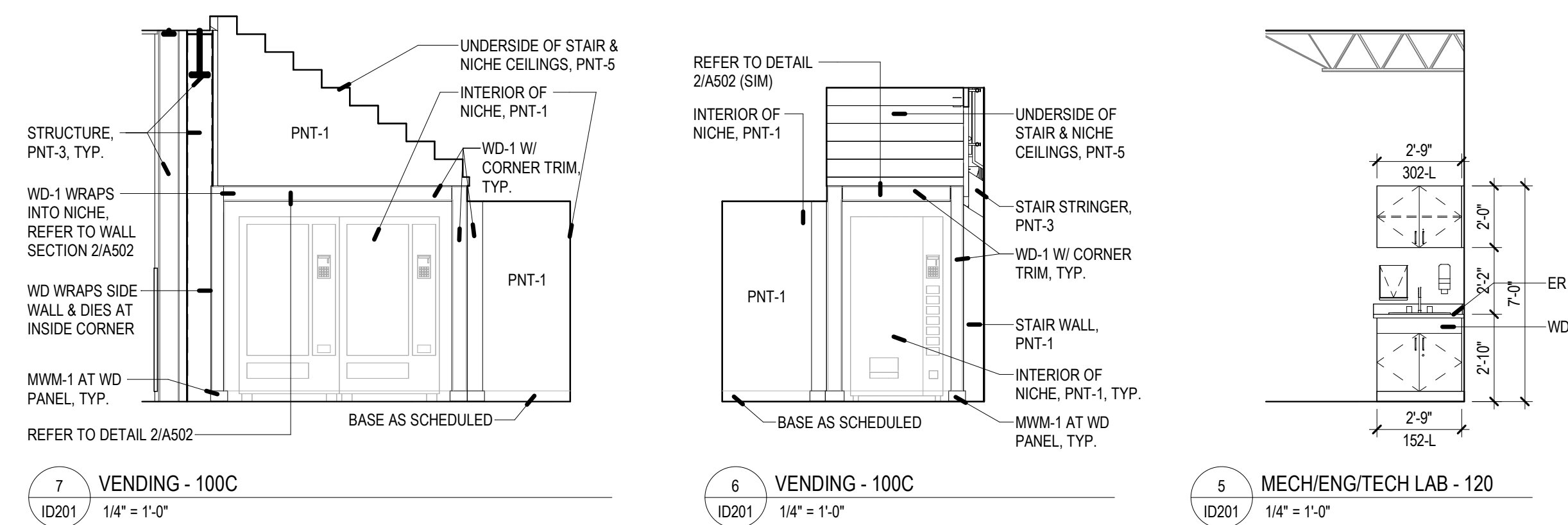
INTERIOR FLOOR PLANS, ELEVATIONS, & DETAILS

SHEET NUMBER:

ID201

SHEET 66 OF 181

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Signature _____ Date _____
 License # _____ Expiration Date ____/____/____

PROJECT INFORMATION

PROJECT TITLE

ADVANCED TECHNOLOGY CENTER RENOVATION

PROJECT ADDRESS

11400 ROBINWOOD DRIVE
HAGERSTOWN, MD 21742

PROJECT OWNER



SHEET INFORMATION

KEY PLAN

[illegible]

CAD DWG FILE:

DRAWN BY: NHA

CHK'D BY: NHA

JOB NUMBER: 24901 & DGS CC-02-MC23-482

ISSUE DATE: 09/05/2025

SHEET TITLE:

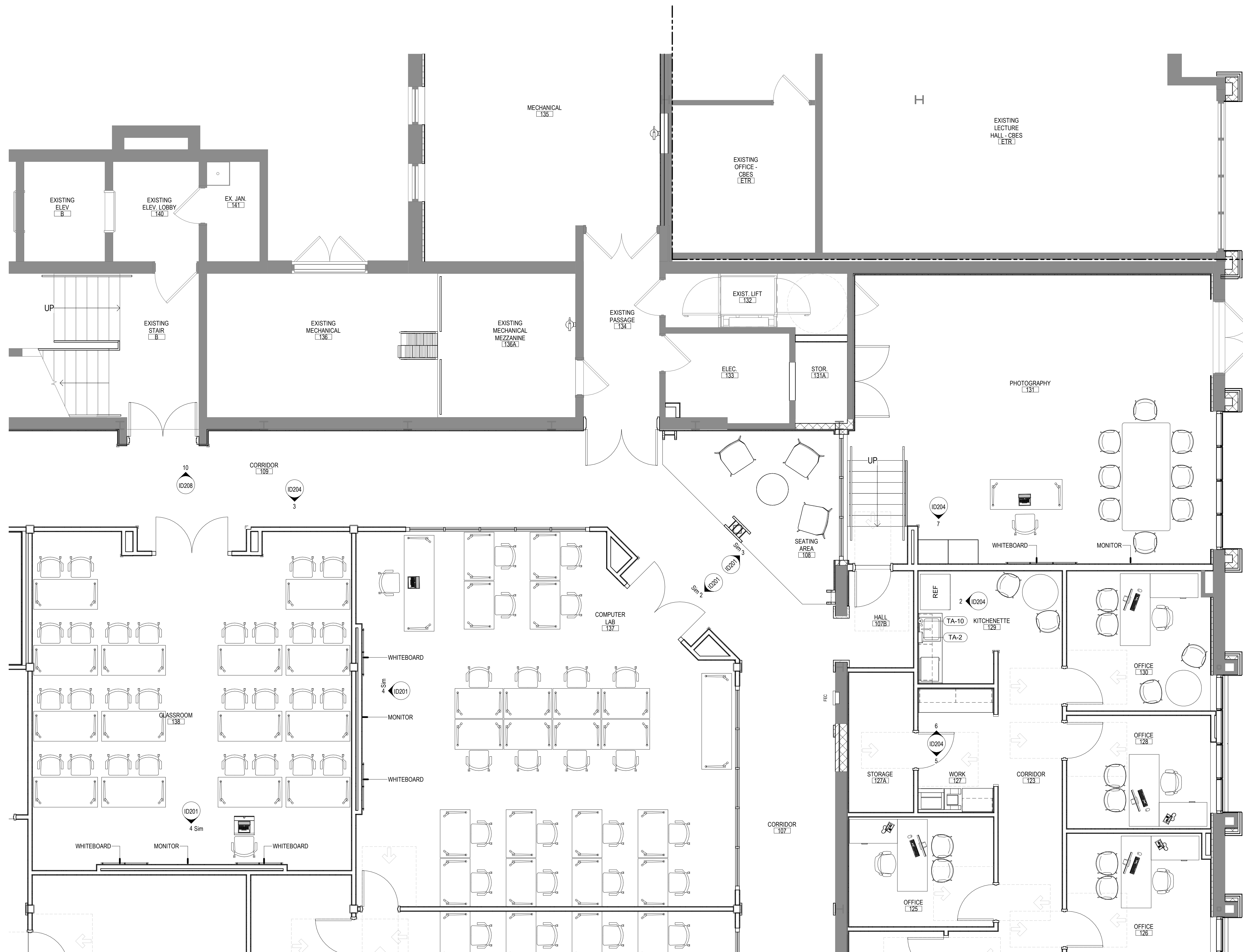
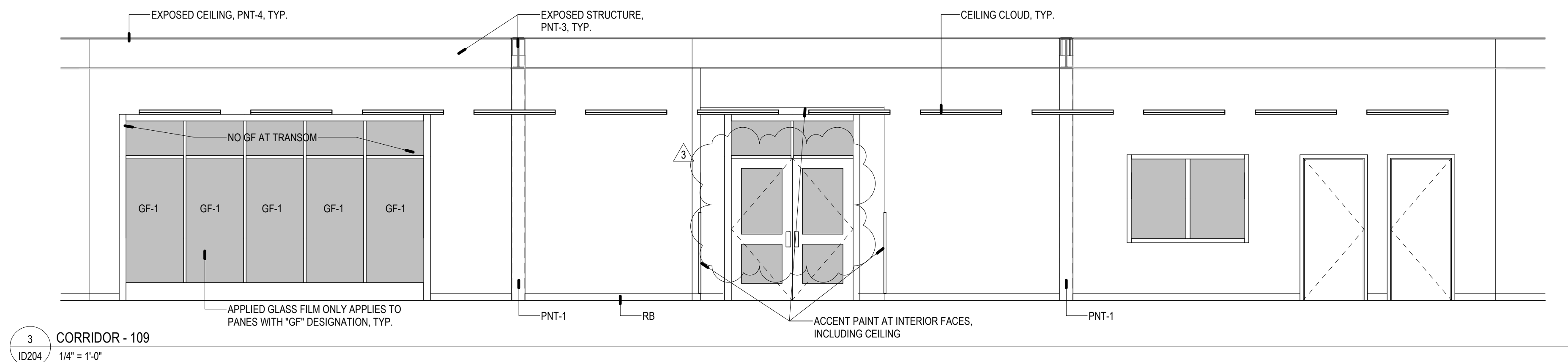
INTERIOR FLOOR PLANS, ELEVATIONS, & DETAILS

SHEET NUMBER:

ID204

SHEET 69 OF 181

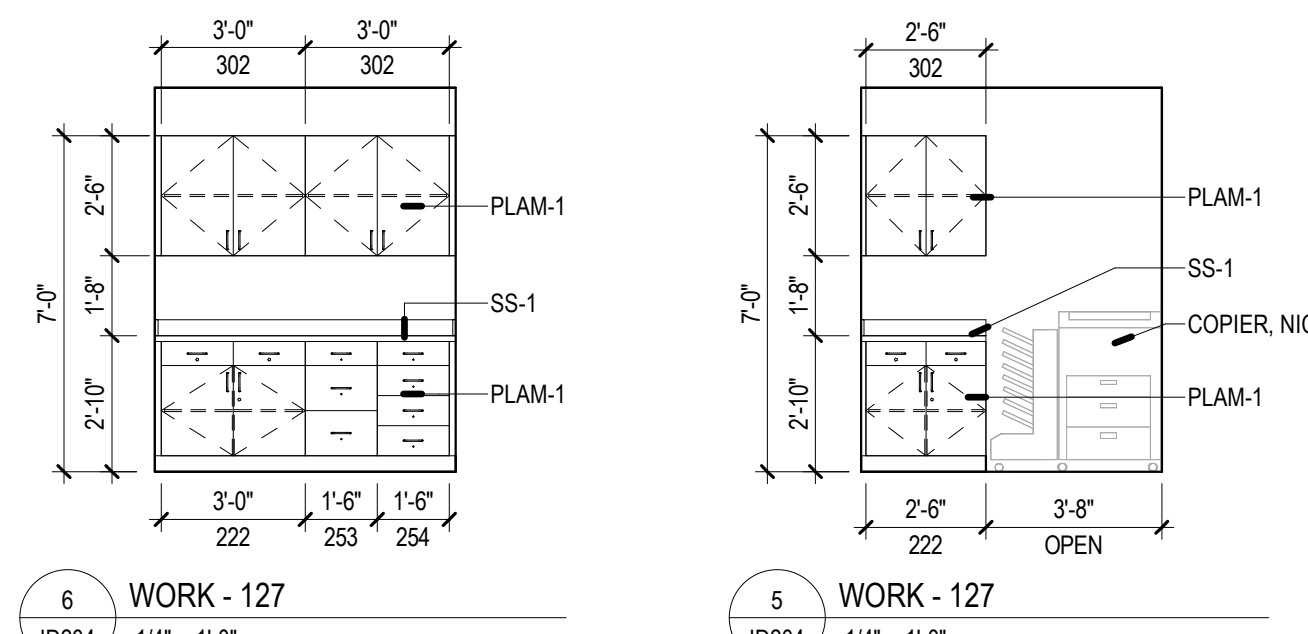
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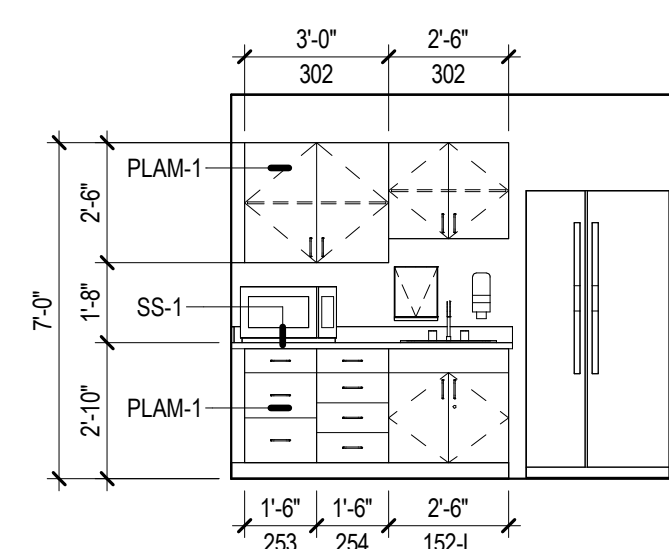
1 FIRST FLOOR PARTIAL INTERIOR FLOOR PLAN
ID204 1/4" = 1'-0"

7 PHOTOGRAPHY - 131

7 PHOTOG
ID204 1/4" = 1'-0"



6 WORK -
ID204 1/4" = 1'-0"



2 KITCHENETTE - 129
ID204 1/4" = 1'-0"

