

MIDLOTHIAN INDEPENDENT SCHOOL  
DISTRICT  
PURCHASING DEPARTMENT  
100 WALTER STEPHENSON ROAD  
Midlothian, Texas 76065

**CSP #2122-015  
REQUEST FOR PROPOSALS  
FOR  
Baxter Kitchen Renovation  
Project**

MISD Purchasing Department

Shana Volentine  
Purchasing Agent  
Phone: (469) 856-5032  
[shana.volentine@misd.gs](mailto:shana.volentine@misd.gs)

**Sealed Proposal Submittal Deadline  
May 17, 2022 by 2 p.m.**





## REQUEST FOR COMPETITIVE SEALED PROPOSALS

Competitive Sealed Proposals for the work identified below in accordance with Proposal Documents and addenda as may be issued prior to date of proposal opening will be received by the Board of Trustees, Midlothian Independent School District, until proposal closing date and time, as identified below. Proposals from Offerors will then be opened in public and read aloud.

**OWNER:** **Midlothian Independent School District**  
100 Walter Stephenson Road  
Midlothian, TX 76065

**ARCHITECT:** **Orcutt Winslow**  
222 W. Las Colinas Blvd. Ste. 749E  
Irving, TX 75039

**PROJECT:** **CSP 2122-015 Baxter Kitchen  
Renovation Project**  
Midlothian Independent School District  
Midlothian, Texas

**PRE-PROPOSAL** **Tuesday, May 10, 2022; 2:00 PM**  
**Baxter Elementary**  
**1050 Park Place Blvd**  
**Midlothian, TX 76065**

All Offerors are encouraged to attend.

**PROPOSAL DATE  
AND TIME:** Proposal Due: **Tuesday, May 17, 2022 2:00 PM**

**LOCATION OF  
PROPOSAL  
OPENING:** **Midlothian Independent School District**  
**Administration Building**  
100 Walter Stephenson Rd  
Midlothian, TX 76065

Proposal Documents will be available on April 27, 2022. Qualified Offerors (General Contractors) may obtain a free electronic copy of the Drawings and proposal documents.

A link to the digital copies of the drawings and proposal documents may be obtained from the MISD Website and/or Ms. Shana Volentine, e-mail: [shana.volentine@misd.gs](mailto:shana.volentine@misd.gs)

All proposals must be in the hands of the Owner no later than the time specified above. Please seal all proposals in duplicate in an envelope with the following information on the face of the envelope.

Name of Offeror (General Contractor)  
**CSP 2122-015 Baxter Kitchen Renovation Project**  
Midlothian Independent School District

The Owner reserves the right to reject any and all proposals and to waive any irregularities in the Competitive Sealed Proposal process. No proposal shall be withdrawn within 30 days after the proposal opening without the specific consent of the Owner.



**PROPOSAL BOND:** Not Applicable

**PAYMENT BOND AND PERFORMANCE BOND:** A Payment Bond and Performance Bond, each in an amount equal to 100 percent (100%) of the Contract Sum conditioned upon the faithful performance of the Contract will be required. Please note that all bonding companies presented must be acceptable to the Owner.

The prevailing rates of wages are the minimums that must be paid in conformance with all applicable laws of the State of Texas.

All Offerors submitting a proposal are encouraged to attend the proposal opening. Subcontractors and suppliers intending to submit proposals to Construction Offerors are required to prepare their proposals based on a complete set of proposal documents. If after reviewing the complete set of proposal documents, Subcontractors and supplier Offerors desire to purchase individual drawings and specification sections for their proposal convenience, they may do so by ordering the specific drawings and specifications directly from the reproduction company.

All Offerors submitting a proposal are encouraged to visit the site.

END OF DOCUMENT



## INSTRUCTIONS TO PROPOSERS

### EXAMINATION OF DOCUMENTS AND SITE

- Each proposer, by making his Proposal, represents that he has read and understands the Proposal Documents. Failure to do so may be materially non-responsive and result in non-consideration of the bid.
- Each proposer, by making his Proposal, represents that he has visited the site, performed investigations and verifications as necessary and familiarized himself with the local conditions under which the Work is to be performed and will be responsible for errors in his proposal resulting from his failure to do so.
- Each proposer by making his proposal represents that his proposal is based upon the materials, systems and equipment required by the Proposal Documents without exception.
- Any and all site visits shall be coordinated through:

**Mandie Tucker**  
Midlothian ISD  
Child Nutrition Liaison  
Email: [mandie.tucker@misd.gs](mailto:mandie.tucker@misd.gs)

### QUESTIONS

- Proposers shall submit questions about the Proposal Documents to the MISD Purchasing Department in writing by the date identified in the proposal. Replies will be issued to proposers as an addendum to the Proposal Documents and shall become a part of the Contract. The Architect and Owner will not be responsible for oral clarification.
- Submit all questions to:

**Shana Volentine**  
Midlothian ISD  
Purchasing Agent  
Email: [shana.volentine@misd.gs](mailto:shana.volentine@misd.gs)

### SUBSTITUTIONS

- Each proposer represents by submitting his proposal that his proposal is based upon the materials and equipment described in the proposal documents

### STATUTORY PERFORMANCE BOND AND STATUTORY LABOR AND MATERIAL PAYMENT BOND

- A Statutory Performance Bond and a Statutory Labor and Material Payment Bond will be required of the successful proposer and shall be executed by a surety company acceptable to the Owner and authorized to do business in the State of Texas. Each bond shall be in an amount equal to one hundred percent (100%) of the contract price. The Performance Bond and the Labor and Material Payment Bond may be in one or separate instruments in accord with local law and are to be delivered to the Owner no later than the date of execution of the contract. Failure or neglecting to deliver said bonds, as specified, shall be considered as having abandoned the contract and the proposal security will be retained as liquidated damages.
- Bonds shall be executed by a Surety Company that is:
  - Approved by the school district, and duly authorized and admitted to do business in the State of Texas as determined by the State Board of Insurance.
  - Listed by the United States Department of the Treasury in that issue of the "Federal Register" covering the date on which the bond was executed and the date that Surety Company has obtained reinsurance, if applicable, from a reinsurer that is authorized and admitted as a reinsurer in this state and is the holder of a certificate of authority from the United States secretary of the treasury.

### CERTIFICATE OF LIABILITY INSURANCE

- The successful proposer shall provide a Certificate of Liability Insurance in at least the amount of \$1,000,000.00. The Midlothian Independent School District shall be listed as additional insured.

### MODIFICATION AND WITHDRAWAL

- No proposal may be changed, amended or modified after submittal. Proposers may withdraw proposals prior to proposal opening.
- No right or interest in this contract or delegation of any obligation shall be assigned by the vendor to another vendor. Any attempted assignment or delegation by the vendor shall be wholly void and totally ineffective for all





purposes.

#### SUBMITTAL

- Submit proposals in accordance with the Request for Proposals.
  - Enclose proposal in a sealed envelope. **Clearly mark** on the outside of the proposal envelope:
    - **Project name**
    - **Name of proposer**
    - **Midlothian Independent School District**
- Preparation of Proposals: Proposals shall be submitted on unaltered proposal forms. Fill in all blank spaces. If there are entries (blank spaces) on the proposal form which do not apply to a particular proposer, these entries shall be marked "N.A." (Not Applicable) by the proposer. No proposals will be considered that are amended or are qualified with conditional clauses, alterations, items not called for in the proposal, or irregularities of any kind which, in the Owner's opinion, may disqualify the proposer.
- Proposals meeting the requirements of the CSP shall be considered. Respondents taking exception to the specifications or offering substitutions shall state these exceptions.
- Each proposer shall submit one original, one duplicate copy, and one digital copy saved on a USB Flash Drive of each of the following. All shall be submitted in a single sealed envelope. Electronic signatures are acceptable.:
  - Checklist for CSP 2122-015 (Reference form attached to the end of this Section)
  - Proposer Identification: Contractor shall add a Cover Sheet/Proposer Identification Form that includes the following information:
    - Date
    - Company Name
    - Full Address
    - Phone #
    - Email Address
    - Proposal Form
    - Proposer shall note any contract deviations. Midlothian Independent School District can consider such deviations but is not obligated to accept such deviations
    - CSP Response Form Page 1 and Page 2
    - SB 9 Contractor Certification: Contractor Employees
    - Reference Sheet
    - Felony Conviction Notice (Reference form attached to the end of this Section)
    - 1295 Certificate of Interested Parties - This form must be completed online, printed and signed. (Reference form attached to the end of this Section)
    - Conflict-of-interest Questionnaire (Reference form attached to the end of this Section)
    - Non-collusion & Non-Discrimination Form (Reference form attached to the end of this Section)
    - HB 89/SB 252 Certification Form (Reference form attached to the end of this Section)
    - Any other information that responds to the Selection Criteria listed.
    - Each proposer shall submit one original, one duplicate copy, and one digital copy saved on a USB Flash Drive listing the subcontractors to be acquired for this project.
- Proposals received in the District's Business Office after the date and time specified will not be considered. The District is not responsible for lateness or non-delivery of mail carrier, etc., and the date/time stamp in the Business Office shall be the official time of receipt. Proposals **MAY NOT** be submitted by facsimile or email.
- Pricing submitted on this proposal is firm for a period of **60 Days** from the proposal opening date.
- The person signing the proposal should show the title that gives the authority to bind the firm to a contract.

#### DETERMINATION OF SUCCESSFUL RESPONDENT AND AWARD OF CONTRACT

- In determining the Selected Offeror, the Owner will evaluate the information derived from the Offeror's (Contractor's) Qualification Statement required herein, the information submitted on the Proposal Form, and other selection criteria including the following Selection Criteria:

<b>COST</b>	<b>25 POINTS</b>	The purchase price will be scored mathematically as a ratio
<b>REPUTATION</b>	<b>15 POINTS</b>	The reputation of the Proposer's goods and services. Items



		considered: Proposer's past relationships with and input from provided project references regarding recommendation of the Proposer, the Proposer's performance as a team player and their ability to work with the Owner on Change Orders and Contingency Allowances.
<b>QUALITY</b>	<b>20 POINTS</b>	The quality of the Proposer's goods and services. Items considered: - Proposer's past performance with input from provided project references regarding the Proposer's quality of craftsmanship - All required items submitted - Information provided in the proposal is clear
<b>EXPERIENCE</b>	<b>20 POINTS</b>	The Proposer's overall experience as well as past record of completing similar size and scope of projects on time. Items considered: - Number of years in business - Number of similar size projects within the past five years - Number of similar scope projects within the past five years – project scope must include working on an existing, operational campus maintaining full functionality. - Proposer's past performance with input
<b>WARRANTY WORK</b>	<b>10 POINTS</b>	The Proposer's response to warranty work requests. Items considered: Proposer's past performance with input from provided project references regarding the ability to perform warranty work in a timely manner.
<b>PROJECT TEAM</b>	<b>5 POINTS</b>	Qualifications of the proposed project manager(s) and project superintendent (s). Items considered: - Time in the construction industry for each individual - Number of K-12 school projects completed by each individual Time with company for each individual
<b>PROJECT SCHEDULE</b>	<b>5 POINTS</b>	The Proposer's anticipated construction schedule. Items considered: - start date, substantial completion date, final completion date, and total construction duration in calendar days.

- The district does not award/purchase on the basis of low bid alone.
- The District may choose to conduct interviews with proposers as part of the evaluation and selection process. If interviews are necessary will be held at:  
**Midlothian Independent School District Administration building**  
100 Walter Stephenson Rd  
Midlothian, TX 76065.
- The Selection Committee consisting of Midlothian ISD administrators, architects, consultants and other staff will make an initial evaluation of the proposals. The committee's recommendation will be considered by the Midlothian ISD Board of Trustees ("Board"). The District reserves the right to review the recommendation with others deemed appropriate by the District prior to review by the entire Board. The final decision-making authority on the proposals rests with the full Board.
- The District will make such investigations as it deems necessary to determine the ability of the Offeror to perform the Work, and the Offeror shall furnish all such information and data for this purpose as may be requested. The District reserves the right to reject any proposal if the evidence submitted by, or investigation of, such Offeror fails to satisfy the District that such Offeror is properly qualified to carry out the obligations of the Contract and to complete the Work contemplated therein.
- The District reserves the right to reject any or all proposals and to waive any formalities or irregularities and to make the award of the contract in the best interest of the District. The District also reserves the right as a sole judge of quality and equality.
- A decision regarding determination of the successful Offeror will be made by the District as soon as practical.
- If awarded, the successful vendor(s) will be notified by authorized District personnel.



#### **EXECUTION OF CONTRACT**

- The Owner reserves the right to accept any proposal, to reject any and all proposals, or to negotiate contract terms with the various proposers, when such is deemed by the Owner to be in his best interest.
- Notwithstanding delays in the preparation and execution of the formal contract agreement, each proposer shall be prepared, upon written notice of proposal acceptance, to commence work on or before a date stipulated in an official written order of the Owner to proceed.
- The accepted proposer shall assist and cooperate with the Owner in preparing the formal contract agreement, and within 5 days following its presentation shall execute same and return it to the Owner.
- Form for the contract agreement will be AIA Document A101, Standard Form of Agreement Between Owner and Contractor, Stipulated Sum, 2017 Edition. – Or
- The district limits its purchases through the use of properly drawn and authorized purchase orders. Consequently, the District is not responsible for items delivered or picked up and/or services that were not authorized via this method. Therefore, the purchase order number shall appear on ALL itemized invoices and packing slips to ensure payment.
- This contract, once accepted will include the period agreed upon between the District and the vendor(s) to complete the projects listed in the CSP. Any purchase order dated and issued within these dates will be subject to the terms and conditions of this contract.
- If, at any time, the vendor fails to fulfill or abide by the terms, conditions, or specifications of the contract, the District reserves the right upon written notice to the vendor to the following remedies (though not just limited to these): purchase the products/services elsewhere and/or cancel the contract.
- Proposals may not be withdrawn without written approval after a contract has been signed or a purchase order executed or after a partial performance of the proposal agreement has begun.
- The District reserves the right to utilize other District contracts, State of Texas contracts, contracts awarded by other governmental agencies, other school boards, or other cooperative agreements in lieu of any offer received or award made as a result of this proposal, if it is in the District's best interest to do so.

#### **PAYMENT**

- The title and risk of loss of the goods/services shall not pass to the District until the District actually takes possession of the goods/services at either the point of sale or the point of delivery.
- On purchase order contracts – itemized invoices shall be issued for only those items/services received. Payment shall not be due until the invoice(s) are submitted after delivery. Pursuant to Texas Government Code 2251.021, payments will be made within thirty (30) days. Invoices shall be mailed directly to:

**MISD Business Office**

100 Walter Stephenson Rd.

Midlothian, TX 76065

Attn: Accounts Payable

Or

Email to: [accounts\\_payable@misd.gs](mailto:accounts_payable@misd.gs)

#### **TIME OF COMPLETION AND LIQUIDATED DAMAGES**

- The contract date will be established as the number of consecutive calendar days as set out on the proposal form from the "Notice-to-proceed" date issued by the Owner.
- Failure of the Contractor to complete the Work by the contract date will result in damages being sustained by the Owner. Such damages are, and will continue to be, impracticable and extremely difficult to determine. Due consideration will be given to delays as outlined in the Contract.
- The Contractor will pay the Owner the amount indicated on the Proposal Form and in the General Conditions for each calendar day of delay in finishing the Work in excess of time specified for completion, plus authorized time extensions. Execution of the Contract under these specifications shall constitute agreement by the Owner and Contractor that the amount indicated is the minimum value of the costs and actual damage caused by failure of the Contractor to Substantially Complete the Work within the allotted time, that such sum is Liquidated Damages and shall not be construed as a penalty, and that such sum may be deducted from payments due the Contractor if such delay occurs.

#### **SALES TAX EXEMPTION**

- The Owner qualifies for exemption from State and Local Sales Taxes as set forth in the Supplementary Conditions. Tax exemption certificates will be issued upon request.



#### **TERMINATION OF CONTRACT**

- The requirements of Government Code, Chapter 552, Subchapter J - Additional Provisions Related to Contracting Information, applies to this contract and the contractor or vendor agrees that the contract can be terminated if the contractor or vendor knowingly or intentionally fails to comply with a requirement of that subchapter.
- Each respondent must give notice to the District if a person, owner or operator of the business has been convicted of a felony. The District determines that the person or business failed to give such notice or misrepresented the conduct resulting in the conviction.
- Respondents shall note any and all relationships that might be a Conflict of Interest and include such information with the Proposal.
- Please note that a gift to a public servant is a Class A misdemeanor offense if the recipient is a government employee who exercises any influence in the purchasing process of the governmental body. This would certainly apply to anyone who helps establish specifications or is involved in product selection or directs a purchase.

#### **PROHIBITION ON CONTRACTS WITH COMPANIES BOYCOTTING ISRAEL**

- Pursuant to Texas Government Code Chapter 2271, if this contract is valued at \$100,000 or more and if Contractor has at least ten (10) full time employees, then Contractor represents and warrants to the Owner that the Contractor does not boycott Israel and will not boycott Israel during the term of this Contract. This section does not apply to a sole proprietorship. On April 25, 2019, the U.S. District Court for the Western District of Texas entered a preliminary injunction enjoining the enforcement of Chapter 2271 as it existed before the amendment in any state contract. In compliance with the Court's order, the Owner will not seek enforcement of the current Chapter 2271 until further order of this or higher court having jurisdiction over the issue.

#### **ADDITIONAL TERMS AND CONDITIONS**

- Delivery of services will be made during normal working hours unless prior approval has been obtained.
- The successful proposer shall possess and maintain criminal background checks for all personnel working on District Property.
- MISD reserves the right to purchase additional services as listed on this proposal subject to the verification of the same or lower prices and conditions as the proposal.
- MISD also reserves the right to waive minor technicalities or formalities considered in the best interest of the district.
- In case of discrepancies within the drawings, within the specifications, or between the drawings and specifications, the better quality and greater quantity, shall be furnished and installed

#### **GENERAL SCOPE OF WORK - SUMMARY**

- Contractor has the option to propose on the entire project or specific scope(s)
- Project will be phased depending on material delivery dates
- Replacing ceilings and ceiling tiles are a priority and need to be completed by JUNE 30, 2022
- Replacement of flooring will be phased
  - Flooring for serving line will depend on the delivery of the equipment and date is subject to this time line
  - Flooring for Kitchen, mixing, mop, dry storage, office and scullery areas will need to be completed by JUNE 30, 2022
- Replace kitchen equipment, including serving line
- Clean & Polish freezer cooler, scullery and the exterior of the fume hood
- Replacement of light fixtures to LED will need to be completed by JUNE 30, 2022
- Install new porcelain tile at serving line
- Install new storefront doors at serving line
- Close opening in scullery
- ***Items noted above all not all inclusive, refer to document/drawings for additional scopes/details***



BASE PROPOSAL FORM  
CSP 2122-015 Baxter Kitchen Renovation Project

**PROJECT:** Baxter Kitchen Renovation Project  
Midlothian Independent School District  
Midlothian TX

**PROPOSAL OF:** \_\_\_\_\_  
(Name of Offeror) (Date)

**TO:** Midlothian Independent School District  
100 Walter Stephenson Road  
Midlothian, TX 76065

Dear Sir/Madam:

Having examined the drawings and related documents and having inspected the site of proposed work, I (we) agree to furnish all labor, materials, and to perform all work described in the specifications and shown on the drawings in the sum of:

BASE PROPOSAL: (NOTE: Amounts shall be shown in both words and figures. In case of discrepancy, the amount shown in words shall govern.)

***INCLUDE LISTING OF MATERIALS, LABOR, ETC THAT ARE INCLUDED IN YOUR PROPOSAL PRICING***

**ENTIRE SCOPE OF WORK**

\_\_\_\_\_ DOLLARS

(\$ \_\_\_\_\_).

**IF YOU ARE NOT BIDDING THE ENTIRE PROJECT, PLEASE LIST YOUR PROPOSAL PRICING ON THE APPROPRIATE LINE ITEM(S)**

**Kitchen Proposal – bid for kitchen scope of work**

\_\_\_\_\_ DOLLARS

(\$ \_\_\_\_\_).



**Flooring Proposal – bid for flooring replacement scope of work**

\_\_\_\_\_ DOLLARS  
  
(\$ \_\_\_\_\_).

**Electrical Proposal – bid for electrical replacement scope of work**

\_\_\_\_\_ DOLLARS  
  
(\$ \_\_\_\_\_).

**Tile Proposal – bid for tile installation scope of work**

\_\_\_\_\_ DOLLARS  
  
(\$ \_\_\_\_\_).

**Storefront Proposal – bid for storefront doors & hardware scope of work**

\_\_\_\_\_ DOLLARS  
  
(\$ \_\_\_\_\_).

**Demo & Wall Build Back Proposal – bid for the demo & the build back of the wall at the serving line's scope of work**

\_\_\_\_\_ DOLLARS  
  
(\$ \_\_\_\_\_).



## SCHEDULE

The overall schedule is critical to the success of this project. Contractor shall bid the time for substantial completion and final acceptance and the additional time for the specified alters in the spaces provided above. The project schedule is as follows:

<b>Questions Due:</b>	<b>May 12, 2022 (by noon, 12 PM CST)</b>
<b>Final Addenda:</b>	<b>May 13, 2022(by 4:00 PM CST)</b>
<b>Bid Due:</b>	<b>May 17, 2022 (2:00 PM CST)</b>
<b>Anticipated Board Approval:</b>	<b>June 16, 2022</b>
<b>Anticipated Notice to Proceed:</b>	<b>June 17, 2022</b>
<b>Substantial Completion:</b>	<b>June 30, 2022 (Ceiling, Flooring tile, LED lights - see specifics in Summary of Work)</b>
	<b>August 1, 2022</b>

Respectfully Submitted

\_\_\_\_\_  
Company / Entity Name

By: \_\_\_\_\_

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Address

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Email

Note: Affix seal and authorization if bidder is a corporation.

In the event an award of a contract to the undersigned, the undersigned will (1) furnish a performance and payment bond for full amount of the contract as specified herein, (2) secure proper compliance with the terms and provisions of the contract, (3) insure and guarantee the work until final completion and acceptance and (4) guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

The work proposed shall be accepted when the District is satisfied that work is fully completed and finished in accordance with the plans and specifications.



The undersigned certifies that the bid prices contained in the proposal have been carefully checked and are submitted as correct and final.

Receipt is hereby acknowledged for the following addenda to bid proposal:

<b>Addendum No. 01</b>	Dated: _____	Received: _____
<b>Addendum No. 02</b>	Dated: _____	Received: _____
<b>Addendum No. 03</b>	Dated: _____	Received: _____
<b>Addendum No. 04</b>	Dated: _____	Received: _____

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_





CSP RESPONSE FORM (Page 1)

2122-015 Baxter Kitchen

Renovation Project

To: Midlothian ISD  
Attention: Shana Volentine  
100 Walter Stephenson Rd  
Midlothian, Texas 76065

From:

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
City/State/Zip

\_\_\_\_\_  
Area Code & Phone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
E-mail Address

\_\_\_\_\_  
Federal Tax Identification Number

I, the undersigned, as the owner or legally authorized representative of the above named company, by signing the following statement, agree that I have READ and UNDERSTAND all of the Instructions and Specifications contained herein, and that if accepted by the Midlothian Independent School District, all of the provisions are part of a binding contract between the MISD and our company. I also certify that this bid is made without previous understanding, agreement, or connection with any person, firm or cooperation making a proposal for the same contract, and is in all ways fair and without collusion or fraud.

\_\_\_\_\_  
Owner or Legally Authorized Representative

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

***RETURN THIS PAGE***

CSP RESPONSE FORM (Page 2)

2122-015 Baxter Kitchen

Renovation Project

Remittance Address (if different):

\_\_\_\_\_  
Address

\_\_\_\_\_  
City/State/Zip

**All purchases must occur with a district purchase order.**

1) Our firm will accept orders using district purchase orders. YES ☐ NO ☐

2) Our firm hold a HUB certification. YES ☐ NO ☐  
If YES, please provide a copy of your certification with your response.

3) Our firm holds a MWBE/SBE Certification YES ☐ NO ☐  
If YES, please provide a copy of your certification with your response.

**ADDITIONAL INFORMATION (If Applicable)**

If your organization has multiple store locations, please list all store locations that will agree to all the terms and conditions set forth in this proposal/bid document. Please list additional store locations below (attach additional information if needed).

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

***RETURN THIS PAGE***



## REFERENCES

Please list your references

1. Business Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Scope of Work/Project: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Business Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Scope of Work/Project: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Business Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Scope of Work/Project: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**CHECKLIST FOR CSP**  
**2122-015 Baxter Kitchen**  
**Renovation Project**

- \_\_\_\_\_ Proposal Form
- \_\_\_\_\_ CSP Response Form (Page 1 & 2)
- \_\_\_\_\_ Reference Sheet
- \_\_\_\_\_ SB 9 Contractor Certification: Contractor Employees
- \_\_\_\_\_ Felony Conviction Notice
- \_\_\_\_\_ 1295 Certificate of Interested Parties
- \_\_\_\_\_ Conflict-of-Interest Questionnaire
- \_\_\_\_\_ Non-Collusion & Non-Discrimination Form
- \_\_\_\_\_ Resident and Non-Resident Form
- \_\_\_\_\_ Statement of Debarment
- \_\_\_\_\_ HB 89/SB 252 Certification Form
- \_\_\_\_\_ EDGAR Certification Forms

## **SB 9 Contractor Certification: Contractor Employees**

**Background:** Texas Education Code Chapter 22 requires entities that contract with school districts to obtain criminal history records on covered employees. Covered employees with disqualifying criminal histories are prohibited from serving at a school district. Contractors must certify to Midlothian ISD that they have complied and must obtain similar certifications from their subcontractors. *See SB 9 Contractor Certification: Subcontractor attachment.* The law requires each contractor to obtain the criminal histories of its covered employees. For more information or to set up an account, a contractor should contact the Texas Department of Public Safety's Crime Records Service at 512.424.2474.

### **Definitions:**

Covered employees: Employees of a contractor who have or will have continuing duties related to the service to be performed at a school district and have or will have direct contact with students. Midlothian ISD will be the final arbiter of what constitutes *continuing duties* and *direct contact* with students.

Disqualifying criminal history: (1) a conviction or other criminal history information designated by Midlothian ISD; (2) a felony or misdemeanor offense that would prevent a person from being employed under Texas Education Code § 22.085(a), that is: if at the time of the offense, the victim was under 18 or was enrolled in a public school; (a) a felony offense under Title 5, Texas Penal Code; (b) an offense on conviction for which a defendant is required to register as a sex offender under Chapter 62, Texas Code of Criminal Procedure; or (c) an offense under federal law or the laws of another state that is equivalent to (a) or (b).

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On behalf of \_\_\_\_\_ ("Contractor"), I, the undersigned authorized signatory for Contractor, certify to Midlothian Independent School District ("Midlothian ISD") that [check one]:

[ ] None of Contractor's employees are *covered employees*, as defined above. If this box is checked, I further certify that Contractor has taken precautions or imposed conditions to ensure that its employees will not become *covered employees*. Contractor will maintain these precautions or conditions throughout the time the contracted services are provided.

Or

[ ] Some or all of Contractor's employees are *covered employees*. If this box is checked, I further certify that:

- (1) Contractor has obtained all required criminal history record information regarding its covered employees. None of the covered employees has a disqualifying criminal history.
- (2) If Contractor receives information that a covered employee subsequently has a reported criminal history, Contractor will immediately remove the covered employee from contract duties and notify Midlothian ISD in writing within 3 business days.
- (3) Upon request, Contractor will provide Midlothian ISD with the name and any other requested information of covered employees so that Midlothian ISD may obtain criminal history record information on the covered employees.

If Midlothian ISD objects to the assignment of a covered employee on the basis of the covered employee's criminal history record information, Contractor agrees to discontinue using that covered employee to provide services at Midlothian ISD.

I also certify to Midlothian ISD on behalf of Contractor that Contractor has obtained certifications from its subcontractors of compliance with Texas Education Code, Chapter 22.  
Noncompliance or misrepresentation regarding this certification may be grounds for contract termination.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date



### Felony Conviction Notice

Statutory citation covering notification of criminal history of contractor is found in the Texas Education Code

#44.034. Following is an example of a felony conviction notice:

#### FELONY CONVICTION NOTICE

Senate Bill 1, passed by the State of Texas Legislators, Section 44.034, Notification of Criminal History, Subsection (a) states, “a person or business entity that enters into a contract with a school district must give advance notice to the district if the person or owner or operator of the business entity has been convicted of a felony.” The notice must include a general description of the conduct resulting in the conviction of a felony.

Subsection (b) states, “A school district may terminate a contract with a person or business entity if the district determines that the person or business entity failed to give notice as required by Subsection (a) or misrepresented the conduct resulting in the conviction. The district must compensate the person or business entity for services performed before the termination of the contract.

This notice is not required of a publicly held corporation.

I, the undersigned agent for the firm named below certify that the information concerning notification of felony conviction has been reviewed by me and the following furnished information is true to the best of my knowledge.

Vendor’s Name: \_\_\_\_\_

Authorized Company Official’s Name: (please print)

\_\_\_\_\_

A. My firm is a publicly held corporation; therefore, this reporting requirement is not applicable.

Signature of Company Official: \_\_\_\_\_

B. My firm is not owned nor operated by anyone who has been convicted of a felony.

Signature of Company Official: \_\_\_\_\_

C. My firm is owned or operated by the following individual(s) who has/have been convicted of a felony: Name

of Felon(s): \_\_\_\_\_

Details of Conviction: \_\_\_\_\_

\_\_\_\_\_

Signature of Company Official: \_\_\_\_\_

**THIS COMPLETED FORM MUST BE RETURNED WITH PROPOSAL**

# CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties. Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

## OFFICE USE ONLY

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

4 Name of Interested Party	City, State, Country (place of business)	Nature of Interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO interested Party.

☐

## 6 UNSWORN DECLARATION

My name is \_\_\_\_\_, and my date of birth is \_\_\_\_\_.

My address is \_\_\_\_\_  
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in \_\_\_\_\_ County, State of \_\_\_\_\_, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(month) (year)

\_\_\_\_\_  
Signature of authorized agent of contracting business entity  
(Declarant)

ADD ADDITIONAL PAGES AS NECESSARY



# CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

## OFFICE USE ONLY

Date Received

**1 Name of vendor who has a business relationship with local governmental entity.**

**2** Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

**3 Name of local government officer about whom the information is being disclosed.**

\_\_\_\_\_  
Name of Officer

**4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.**

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes

☐ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes

☐ No

**5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

**6** ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

**7**

Signature of vendor doing business with the governmental entity \_\_\_\_\_

Date \_\_\_\_\_

## **CONFLICT OF INTEREST QUESTIONNAIRE**

### **For vendor doing business with local governmental entity**

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

**Local Government Code § 176.001(1-a):** "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

**Local Government Code § 176.003(a)(2)(A) and (B):**

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

\*\*\*

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed;  
or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

**Local Government Code § 176.006(a) and (a-1)**

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or

(C) of a family relationship with a local government officer.



## STATEMENT OF NON-COLLUSION AND NON-DISCRIMINATION

My signature certifies that the accompanying Proposal:

1. Is not the result of, or affected by, an unlawful act of collusion with another person or company engaged in the same line of business or commerce, or any act of fraud punishable under current local, state, and/or federal ordinances, statutes, regulations and/or policies. Furthermore, I understand that fraud and unlawful collusion are crimes under Federal Law, and can result in fines, prison sentences, and civil damage awards.
2. During the performance of any contract awarded, the Seller will not discriminate against any employee or applicant for employment because of race, religion, color, sex or national origin, or handicaps, except where religion, sex or national origin is a bona fide occupation qualification reasonably necessary to the normal operations of the Seller, The Seller agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.
3. The Seller, in all solicitations or advertisements for employees placed by or on behalf of the Seller, will state that such Seller is an equal opportunity employer.
4. Notices, advertisements and solicitations placed in accordance with Federal Law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
5. The Seller shall include the provisions of the foregoing paragraphs 2, 3 and 4 in every subcontract or purchase order over \$10,000.00 so that the provisions will be binding upon each subcontractor or vendor.

I hereby certify that I am authorized to sign as a Representative for the Seller:

NAME OF SELLER:

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ADDRESS:

---

CITY & STATE:

---

NAME: (Print)

---

Signature:

---

TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

## RESIDENT/NONRESIDENT CERTIFICATION

Texas Government Code Chapter 2252 relates to bids by nonresident contractors. The pertinent portions of the Act are as follows:

Section 2252.001(3)

“Nonresident bidder” means a bidder who is not a resident (of the State of Texas).

Section 2252.001(4)

“Resident bidder” means a bidder whose principal place of business is in this state, including a contractor whose ultimate parent company or majority owner has its principal place of business in this state.

Section 2252.002

A governmental entity may not award a governmental contract to a nonresident bidder unless the nonresident underbids the lowest bid submitted by a responsible resident bidder by an amount that is not less than the amount by which a resident bidder would be required to underbid the nonresident bidder to obtain a comparable contract in the state in which the nonresident’s principal place of business is located.

I certify that \_\_\_\_\_ is a

Resident Bidder of Texas as defined in Texas Government Code Section 2252.001(4).

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

.....

I certify that \_\_\_\_\_ is a

Nonresident Bidder of Texas as defined in Texas Government Code Section 2252.001(3) and our principal place of business is:

City and State: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**If the Bidder is a Nonresident Bidder of Texas, please answer the following:**

Does the vendor’s ultimate parent company or majority owner employ at least 500 persons in Texas?

Yes \_\_\_\_\_ No \_\_\_\_\_

## DEBARMENT OR SUSPENSION CERTIFICATION FORM

Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

By submitting this offer and signing this certificate, this Proposer:

- (1) Certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

Firm’s Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

Authorized Company Official’s Name: \_\_\_\_\_  
(*Typed or printed*)

Title of Authorized Representative: \_\_\_\_\_  
(*Typed or printed*)

Signature of Authorized Company Official: \_\_\_\_\_

Date Signed: \_\_\_\_\_



**CERTIFICATIONS REQUIRED AS OF SEPTEMBER 1, 2017**

**CERTIFICATION REGARDING TERRORIST ORGANIZATIONS  
& BOYCOTTING OF ISRAEL  
[Govt Code 808 (HB89) and Govt Code 2252 (SB252)]**

Vendor hereby certifies that it is not a company identified on the Texas Comptroller's list of companies known to have contracts with, or provide supplies or services to, a foreign organization designated as a Foreign Terrorist Organization by the U.S. Secretary of State.

Vendor further certifies and verifies that neither Vendor, nor any affiliate, subsidiary, or parent company of Vendor, if any (the "Vendor Companies"), boycotts Israel, and Vendor agrees that Vendor and Vendor Companies will not boycott Israel during the term of this Agreement. For purposes of this Agreement, the term "boycott" shall mean and include terminating business activities or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory.

Initials of Authorized Representative of Vendor

Vendor's Name/Company Name: \_\_\_\_\_

Address, City, State, and Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Printed Name and Title of Authorized Representative: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature of Authorized Representative: \_\_\_\_\_

Date: \_\_\_\_\_ Federal Tax ID # \_\_\_\_\_

**MISD PURCHASING OFFICE (INTERNAL REVIEW): SB 2252 Certification**

Comptroller List was reviewed and The Vendor ( IS ) ( IS NOT ) on the lists (Circle one).

Verified by: \_\_\_\_\_

## EDGAR CERTIFICATIONS

### ADDENDUM FOR AGREEMENT FUNDED BY U.S. FEDERAL GRANT

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#### TO WHOM IT MAY CONCERN:

**MIDLOTHIAN ISD is in the process of ensuring that all policies and procedures involving the expenditure of federal funds are compliant with the new Education Department General Administrative Guidelines ("EDGAR"). Part of this process involves ensuring that all current vendors agree to comply with EDGAR. You must complete this form and return to MIDLOTHIAN ISD along with your proposal.**

The following certifications and provisions are required and apply when MIDLOTHIAN ISD expends federal funds for any contract resulting from this procurement process. Pursuant to 2 C.F.R. § 200.326, all contracts, including small purchases, awarded by the District and the District's subcontractors shall contain the procurement provisions of Appendix II to Part 200, as applicable.

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#### **REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS APPENDIX II TO 2 CFR PART 200**

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**(A) Contracts for more than the simplified acquisition threshold currently set at \$250,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.**

Pursuant to Federal Rule (A) above, when MIDLOTHIAN ISD expends federal funds, MIDLOTHIAN ISD reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

Does Vendor agree? YES \_\_\_\_\_ Initials of Authorized Representative of Vendor

**(B) Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000).**

Pursuant to Federal Rule (B) above, when MIDLOTHIAN ISD expends federal funds, MIDLOTHIAN ISD reserves the right to immediately terminate any agreement in excess of \$10,000 resulting from this procurement process in the event of a breach or default of the agreement by Vendor in the event Vendor fails to: (1) meet schedules, deadlines, and/or delivery dates within the time specified in the procurement solicitation, contract, and/or a purchase order; (2) make any payments owed; or (3) otherwise perform in accordance with the contract and/or the procurement solicitation. MIDLOTHIAN ISD also reserves the right to terminate the contract immediately, with written notice to vendor, for convenience, if MIDLOTHIAN ISD believes, in its sole discretion that it is in the best interest of MIDLOTHIAN ISD to do so. Vendor will be compensated for work performed and accepted and goods accepted by MIDLOTHIAN ISD as of the termination date if the contract is terminated for convenience of MIDLOTHIAN ISD. Any award under this procurement process is not exclusive and MIDLOTHIAN ISD reserves the right to purchase goods and services from other vendors when it is in MIDLOTHIAN ISD's best interest.

Does Vendor agree? YES \_\_\_\_ Initials of Authorized Representative of Vendor

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**EDGAR CERTIFICATIONS**

**(C) Equal Employment Opportunity.** Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41 CFR part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”

Pursuant to Federal Rule (C) above, when MIDLOTHIAN ISD expends federal funds on any federally assisted construction contract, the equal opportunity clause is incorporated by reference herein.

Does Vendor agree? YES \_\_\_\_\_ Initials of Authorized Representative of Vendor

**(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148).** When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

Pursuant to Federal Rule (D) above, when MIDLOTHIAN ISD expends federal funds during the term of an award for all contracts and subgrants for construction or repair, Vendor will be in compliance with all applicable Davis-Bacon Act provisions.

Does Vendor agree? YES \_\_\_\_\_ Initials of Authorized Representative of Vendor

**(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708).** Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles

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**EDGAR CERTIFICATIONS**

**ordinarily available on the open market, or contracts for transportation or transmission of intelligence.**

Pursuant to Federal Rule (E) above, when MIDLOTHIAN ISD expends federal funds, Vendor certifies that Vendor will be in compliance with all applicable provisions of the Contract Work Hours and Safety Standards Act during the term of an award for all contracts by MIDLOTHIAN ISD resulting from this procurement process.

Does Vendor agree? YES ☐ Initials of Authorized Representative of Vendor

**(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of “funding agreement” under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.**

Pursuant to Federal Rule (F) above, when federal funds are expended by MIDLOTHIAN ISD, the vendor certifies that during the term of an award for all contracts by MIDLOTHIAN ISD resulting from this procurement process, the vendor agrees to comply with all applicable requirements as referenced in Federal Rule (F) above.

Does Vendor agree? YES ☐ Initials of Authorized Representative of Vendor

**(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).**

Pursuant to Federal Rule (G) above, when federal funds are expended by MIDLOTHIAN ISD, the vendor certifies that during the term of an award for all contracts by MIDLOTHIAN ISD member resulting from this procurement process, the vendor agrees to comply with all applicable requirements as referenced in Federal Rule (G) above.

Does Vendor agree? YES ☐ Initials of Authorized Representative of Vendor

**(H) Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.**

Pursuant to Federal Rule (H) above, when federal funds are expended by MIDLOTHIAN ISD, the vendor certifies that during the term of an award for all contracts by MIDLOTHIAN ISD resulting from this procurement process, the vendor certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by

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**EDGAR CERTIFICATIONS**

any federal department or agency.

Does Vendor agree? YES \_\_\_ Initials of Authorized Representative of Vendor

**(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.**

Pursuant to Federal Rule (I) above, when federal funds are expended by MIDLOTHIAN ISD, the vendor certifies that during the term and after the awarded term of an award for all contracts by MIDLOTHIAN ISD resulting from this procurement process, the vendor certifies that it is in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). The undersigned further certifies that:

- (1) No Federal appropriated funds have been paid or will be paid for on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all covered sub-awards exceeding \$100,000 in Federal funds at all appropriate tiers and that all sub recipients shall certify and disclose accordingly.

Does Vendor agree? YES \_\_\_ Initials of Authorized Representative of Vendor

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**RECORD RETENTION REQUIREMENTS FOR CONTRACTS INVOLVING FEDERAL FUNDS**

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When federal funds are expended by MIDLOTHIAN ISD for any contract resulting from this procurement process, Vendor certifies that it will comply with the record retention requirements detailed in 2 CFR § 200.333. The Vendor further certifies that Vendor will retain all records as required by 2 CFR § 200.333 for a period of three years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

Does Vendor agree? YES \_\_\_ Initials of Authorized Representative of Vendor

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**EDGAR CERTIFICATIONS**

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**CERTIFICATION OF COMPLIANCE WITH THE ENERGY POLICY AND CONSERVATION ACT**

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When MIDLOTHIAN ISD expends federal funds for any contract resulting from this procurement process, Vendor certifies that it will comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6321 et seq.; 49 C.F.R. Part 18).

Does Vendor agree? YES ☐ Initials of Authorized Representative of Vendor

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**CERTIFICATION OF COMPLIANCE WITH BUY AMERICA PROVISIONS**

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Vendor certifies that Vendor is in compliance with all applicable provisions of the Buy America Act. Purchases made in accordance with the Buy America Act must still follow the applicable procurement rules calling for free and open competition.

Does Vendor agree? YES ☐ Initials of Authorized Representative of Vendor

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**CERTIFICATION OF ACCESS TO RECORDS – 2 C.F.R. § 200.336**

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Vendor agrees that the Inspector General of the District or any of their duly authorized representatives shall have access to any books, documents, papers and records of Vendor that are directly pertinent to Vendor's discharge of its obligations under the Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Vendor's personnel for the purpose of interview and discussion relating to such documents.

Does Vendor agree? YES ☐ Initials of Authorized Representative of Vendor

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**CERTIFICATION OF APPLICABILITY TO SUBCONTRACTORS**

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Vendor agrees that all contracts it awards pursuant to the Contract shall be bound by the foregoing terms and conditions.

Does Vendor agree? YES ☐ Initials of Authorized Representative of Vendor

**Vendor agrees to comply with all federal, state, and local laws, rules, regulations and ordinances, as applicable. It is further acknowledged that vendor certifies compliance with all provisions, laws, acts, regulations, etc. as specifically noted above.**

Vendor Name: \_\_\_\_\_

Vendor Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Printed Name and Title of Authorized Representative: \_\_\_\_\_

Signature of Authorized Representative: \_\_\_\_\_

Date: \_\_\_\_\_

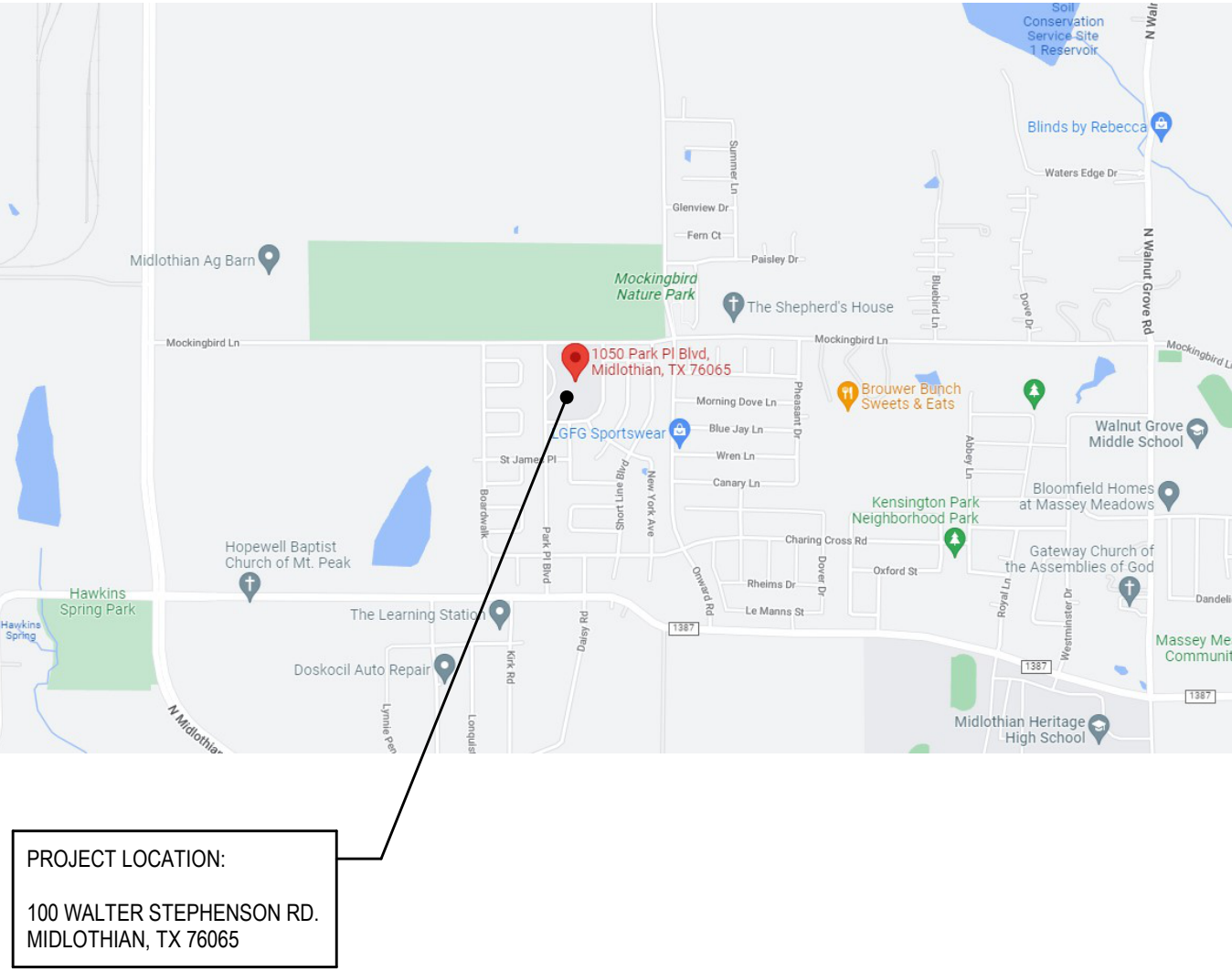
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# T E BAXTER ELEMENTARY SCHOOL KITCHEN RENOVATION

## CONSULTANT INFO

**MEP - RWB CONSULTING ENGINEERS**  
12001 N. Central Expressway, Suite 1100  
DALLAS, TX 75243  
Nathan Hart  
nhart@rwb.net  
Office: (972) 788-4222  
Fax: (972) 788-0002

## VICINITY MAP



## SHEET INDEX

### general

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
G-001	TITLE SHEET	04/28/2022		
G-002	WALL TYPES/PROJECT INFORMATION	04/28/2022		

### architectural

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A-101	FIRST FLOOR PLAN	04/28/2022		
A-103	FIRST FLOOR RCP	04/28/2022		
A-601	DOOR SCHED./ELEV.	04/28/2022		
A-701	FLOOR FINISH PLAN	04/28/2022		
A-702	SPECIFICATIONS	04/28/2022		

### mechanical

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
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M100	FLOOR PLAN - LEVEL 1 - KITCHEN - HVAC	04/28/2022		

### plumbing

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
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P100	FLOOR PLAN - LEVEL 1 - PLUMBING	04/28/2022		

### electrical

SHEET #	DESCRIPTION	ORIG. ISSUE	REV. DELTA #	REV. DATE
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E600	ELETRICAL DETAILS	04/28/2022		
E700	LIGHT FIXTURE & PANEL SCHEDULES	04/28/2022		

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T E BAXTER ELEMENTARY SCHOOL

KITCHEN RENOVATION

1050 PARK PLACE BLVD.  
MIDLOTHIAN, TX 76065

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468-856-5000 T rola.fadel@msisd.gs  
000-000-0001 F

OWP PROJECT NO. DATE OF ISSUE  
2022-110-00 04.28.2022

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DELTA	DESCRIPTION	DATE

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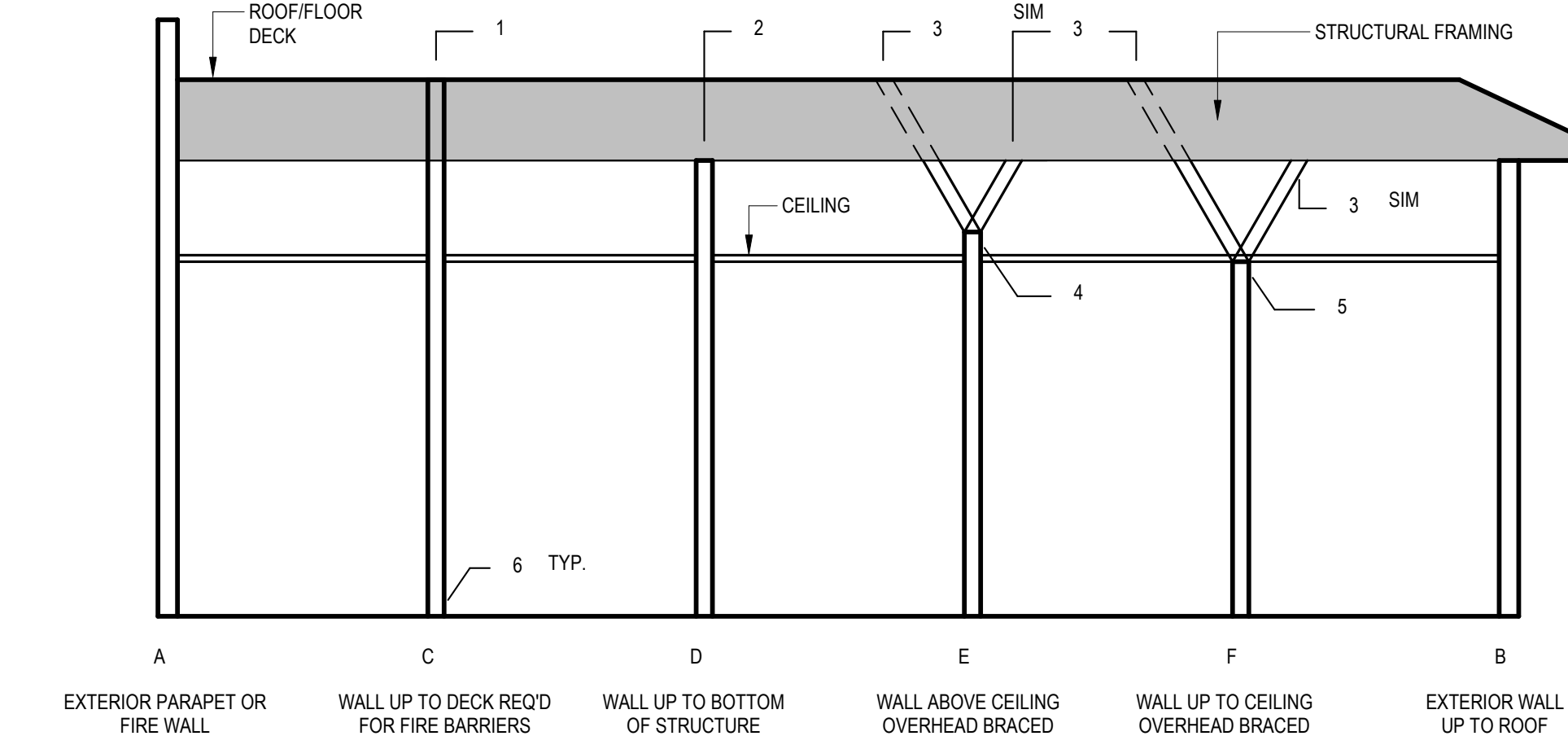
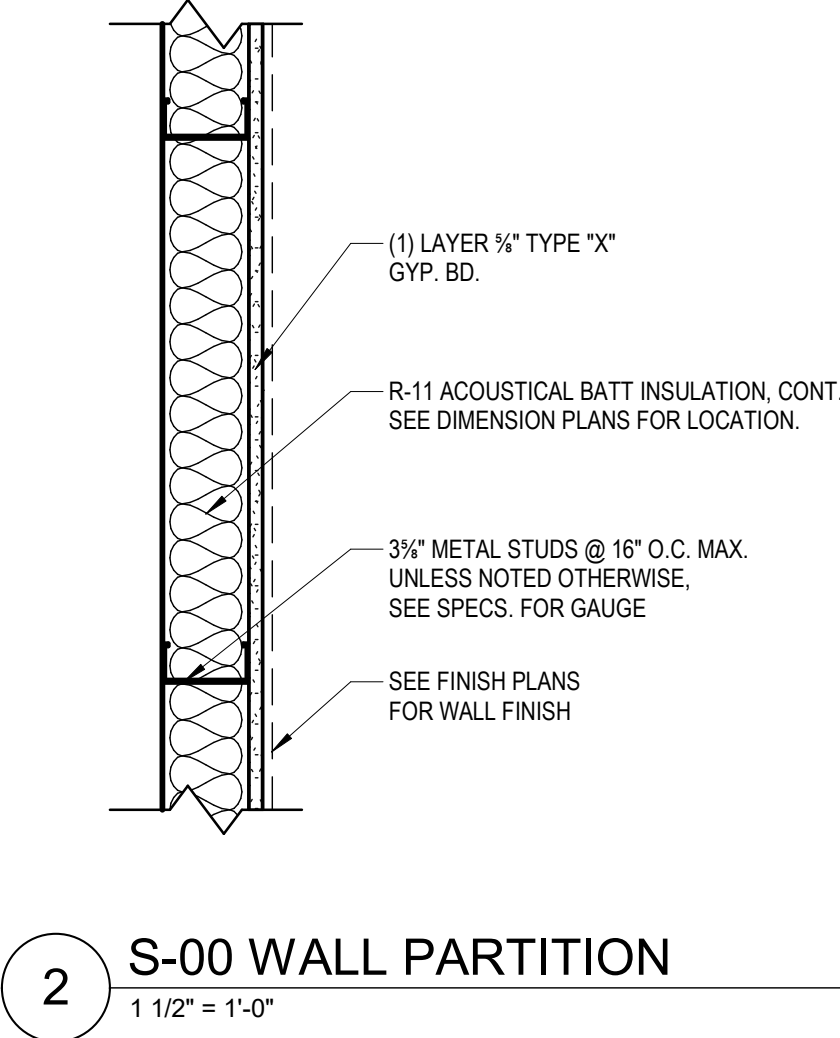
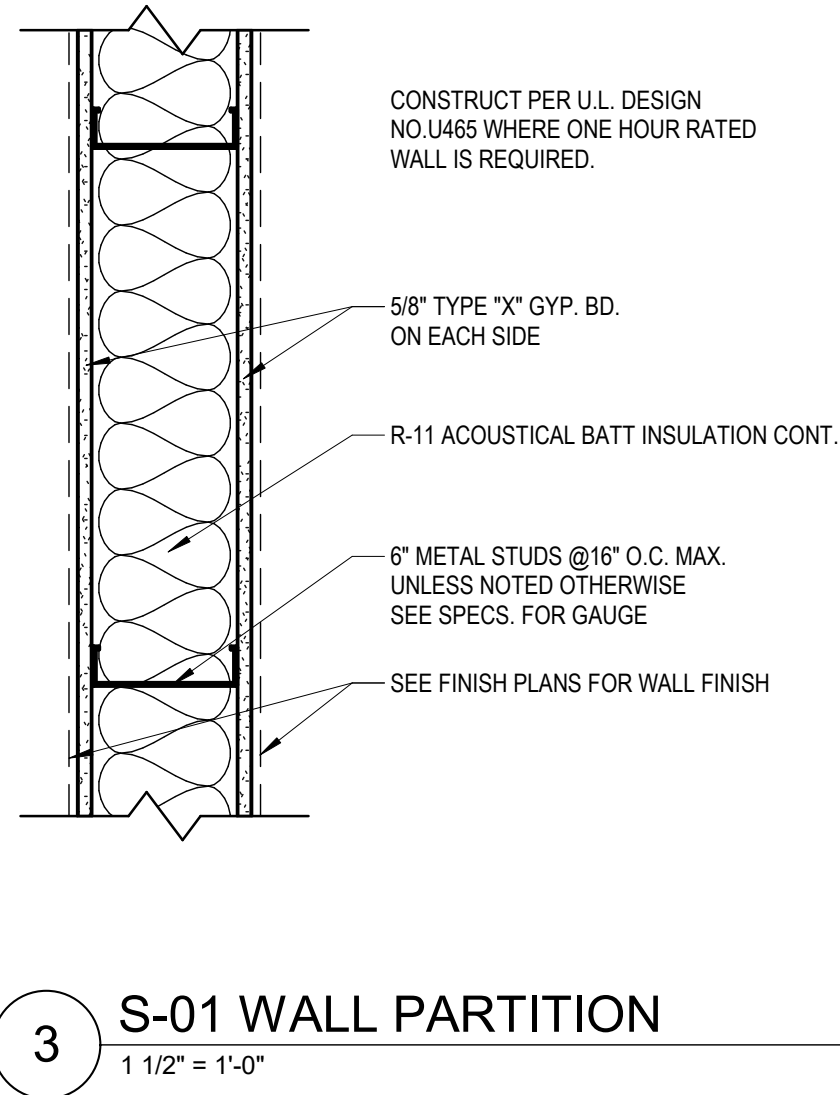
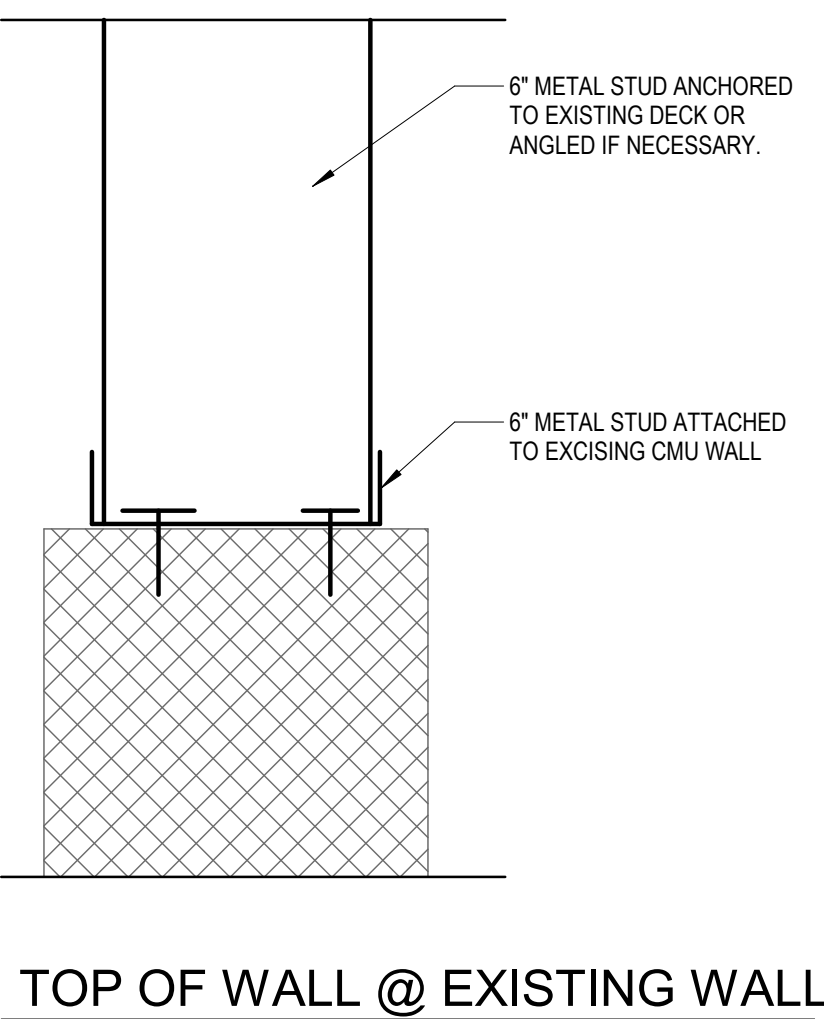
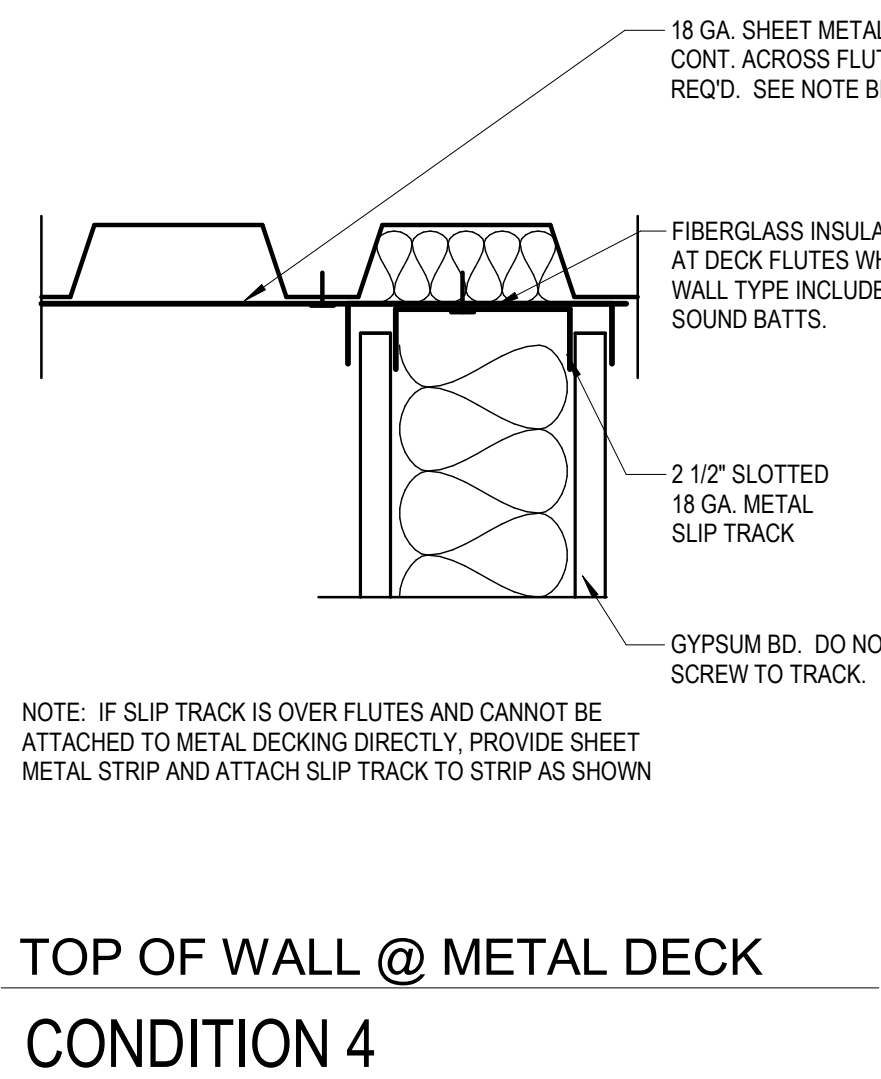
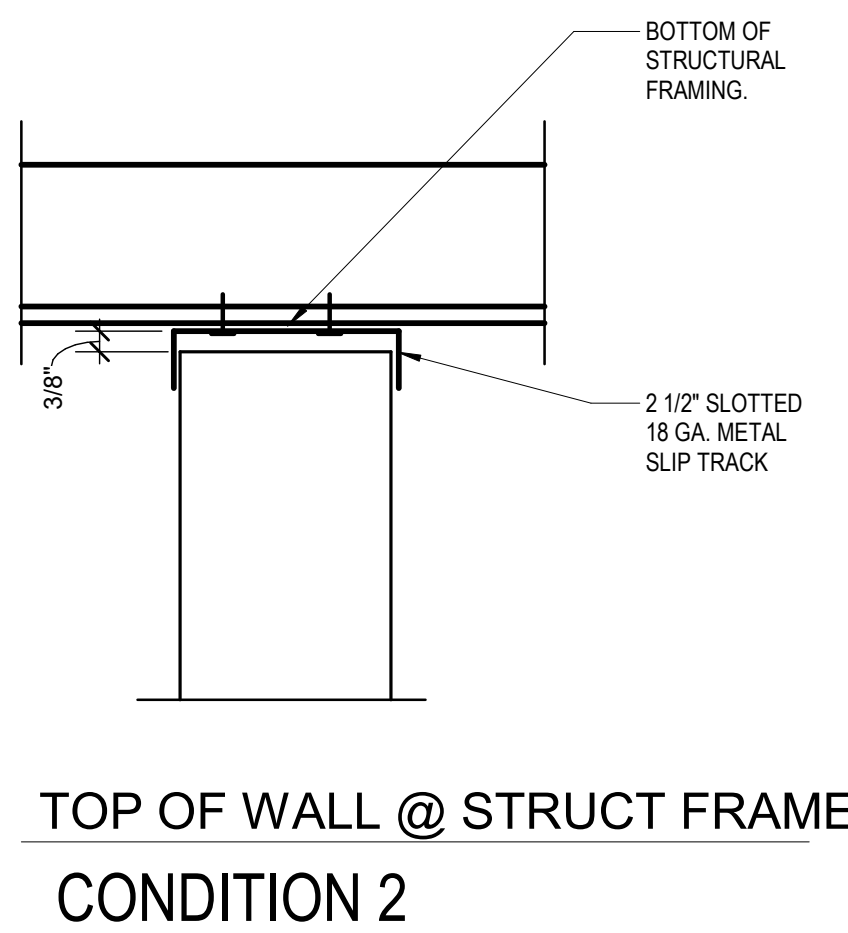
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
TITLE SHEET

SHEET NO.

G-001





1 WALL CONDITIONS DIAGRAM  
1/4" = 1'-0"

WALL & PARTITION GENERAL NOTES

- All fire rated walls shall be completely and continuously constructed first, and then other non-rated walls constructed to the finished surface.
- All fire rated walls extend full height to structure above and seal to deck, UNO. See Fire Rated Details for approved joint conditions.
- All penetrations at smoke and fire rated assemblies shall be protected, sealed, and dampened, using only UL or ICC-ES approved methods, materials and installation, as required to maintain the assembly's rating and smoke resistance. All materials and installation details shall conform to the UL listings for "through penetration fire stop systems" where applicable. The Contractor shall submit shop drawing details, furnished by the manufacturer of the fire stop material, that show complete conformance to the UL Listing, and such drawings shall be available to the Fire or Building Inspectors on-site. The drawings shall be specific for each penetration type.
- Smoke separation walls shall form an effective membrane, continuous from outside wall to outside wall, from fire barrier to fire barrier, from smoke barrier to smoke barrier and from floor slab to floor or roof slab above, thereby providing continuity through all concealed spaces. The Contractor shall completely seal all openings where the smoke barrier abuts other smoke barriers, fire barriers, exterior walls, the floor below and the floor or ceiling above.
- All backing support for wall mounted items shall be 16 gauge min. metal strapping, UNO.
- Brace interior non-bearing walls to structure per Architectural Drawings.
- Slotted slip track shall be used at all top of full-height wall conditions subject to loading by deflection of the structure above.
- All light gauge metal framing shall be installed in strict accordance with ASTM 754 "Standard Specifications for Installation of Steel Framing Members".
  - At IDF and MDF rooms, provide 8' high fire rated plywood panels continuous at all walls as required to mount special system equipment. Paint plywood except at fire rating stamp typical.

GENERAL NOTES

- Do not scale drawings. Rely only on Architect's written dimensions.
- Typical details may not be necessarily be cut on plans, but apply unless noted otherwise.
- All work and material shall be regarded as new unless specifically indicated as "existing" or "e" on the drawings and/or within the specifications.
- Contractor shall coordinate all trades and methods of construction as required for completion of the project with the intent of these documents.
- All materials and unfinished surfaces exposed to view shall be painted unless factory prefinished, noted otherwise, or directed by the Architect.
- No utilities, plumbing, piping, conduit, etc. shall be exposed without the written approval of the Architect.
- Should dimensions be missing or conflicting, notify the Architect prior to proceeding with related work.
- Contractor shall verify locations of utilities prior to excavating, trenching, etc. and shall repair or replace utilities damaged as a result of construction.
- Contractor shall be responsible for all temporary shoring and bracing required during construction.
- Security and safety are the Contractor's responsibility. Site shall be completely fenced and secured during construction.
- No asbestos shall be used or incorporated into the project in any form.
- Separate dissimilar metals as they occur and/or per manufacturer's recommendations.
- Apply sealant at intersections of all dissimilar materials.
- Contractor shall furnish and install an Orcutt | Winslow job site sign or banner per Section 150000 in a prominent location as directed by the Architect.

ABBREVIATIONS LIST

AS DESCRIBED THE US NATIONAL CAD STANDARDS MODULE 4 TERMS AND ABBREVIATIONS, INCLUDING THE FOLLOWING:

A/C	Air Conditioning/Conditioner	MAX	Maximum
AB	Anchor Bolt	MECH	Mechanical
ABC	Aggregate Base Course	MFR	Manufacturer
ACT	Acoustical Ceiling Tile	MO	Masonry Opening
AFF	Above Finish Floor	MIN	Minimum
ALT	Alternate	MISC	Miscellaneous
ALUM	Aluminum	MTL	Metal
BRG	Bearing	NIC	Not In Contract
BM	Beam	NTS	Not To Scale
BUR	Built up roof	OC	On Center
CI	Cast Iron	OD	Outside Diameter
CJ	Control Joint	OPP	Opposite
CL	Center Line	ORD	Overflow Roof Drain
CLG	Ceiling	PL	Property Line
CLR	Clear	PLAM	Plastic Laminate
CMU	Concrete Masonry Unit	PLMB	Plumbing
CO	Clean Out	PLYWD	Plywood
COL	Column	PWR	Power
CONC	Concrete	RD	Roof Drain
CONT	Continue	RO	Rough Opening
CPT	Carpet		
CT	Ceramic Tile		
DF	Drinking Fountain	S/S	Stainless Steel
DIA	Diameter	SCHED	Schedule
DM	Dimension	SF	Square Foot
DS	Downspout	SHT	Sheet
DWG	Drawing	SIM	Similar
		SPEC	Specifications
ELEC	Electric	SQ	Square
EJ	Expansion Joint	SS	Sanitary Sewer
EL	Elevation	STD	Standard
EQ	Equal	STRUCT	Structural
EXIST	Existing	SUSP	Suspended
EXT	Exterior		
FD	Floor Drain	T&G	Tongue and Groove
FDC	Fire Department Connection	TEMP	Temporary
FEC	Fire Extinguisher Cabinet	TMPD	Tempered
FIN FLR	Finished Floor	TOS	Top of Beam
FIN GR	Finished Grade	TCC	Top of Curb/Concrete
FIN	Finish	TOJ	Top of Joint
FLR	Floor	TOM	Top of Masonry
		TOS	Top of Steel
		TOW	Top of Wall
		TYP	Typical
GAG	Gage		
GAL	Galvanized		
GLU LAM	Glue Laminated Wood	UNG	Underground
GYP	Gypsum	UNO	Unless Noted Otherwise
GYP BD	Gypsum Board	VCT	Vinyl Composition Tile
		VERT	Vertical
HB	Hose Bibb		
HM	Hollow Metal		
HORIZ	Horizontal	WC	Water Closet
HVAC	Heating/Ventilating/Air Conditioning	WD	Wood
		WH	Water Heater
		WWF	Welded Wire Fabric
ID	Inside Diameter		
INFO	Information		
INT	Interior		
LAV	Lavatory		
LLH	Long Leg Horizontal		
LLG	Long Leg Vertical		
LVR	Louver		

DEFERRED SUBMITTALS

Per IBC 107.3.4.1 DEFERRED SUBMITTALS  
Documents for Deferred Submittal items shall be submitted to the Registered Design Professional in Responsible Charge, who shall review and forward them to the Building Official with a notation indicating that the Deferred Submittal Documents have been reviewed and been found to be in general conformance to the design of the building. The Deferred Submittal items shall not be installed until the design and submittal documents have been approved by the Building Official.

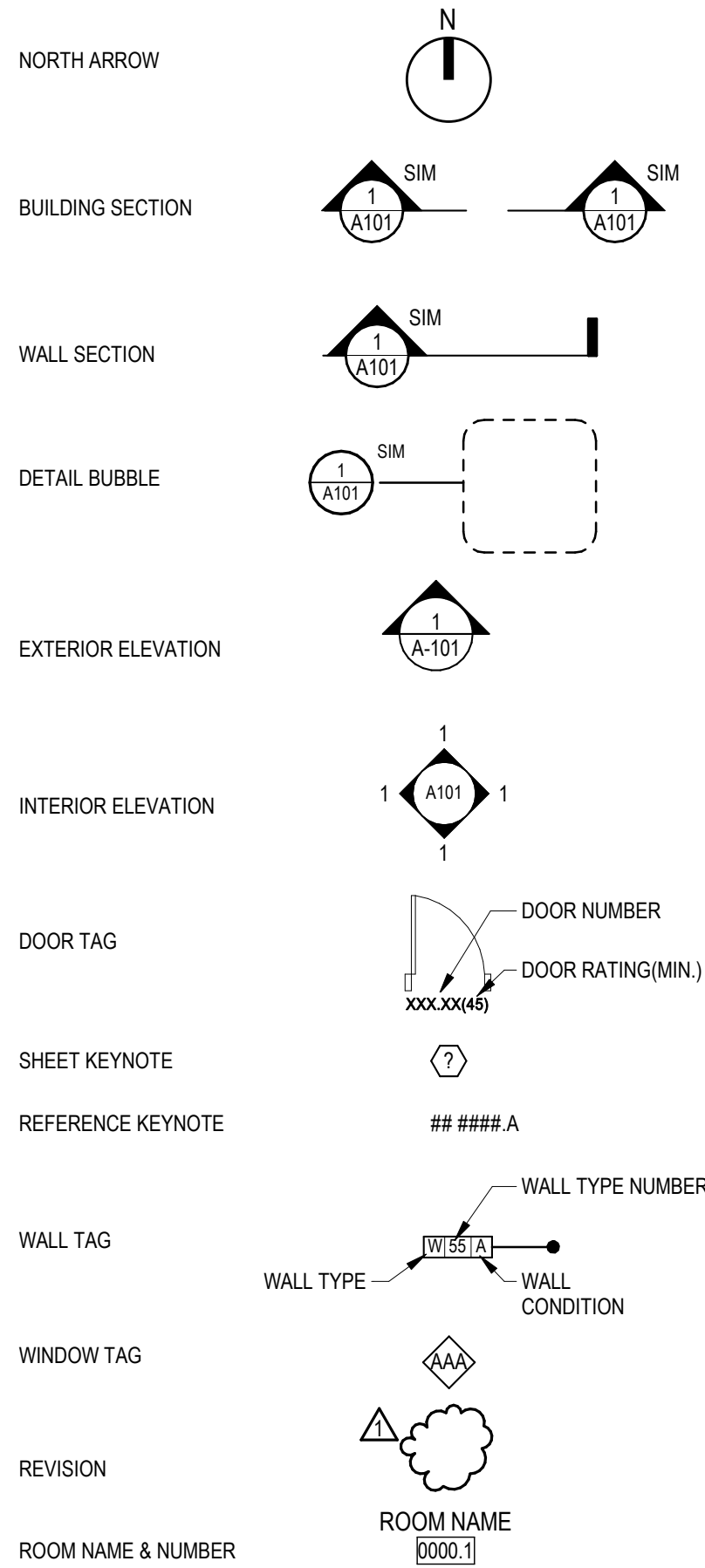
**FIRE PROTECTION**  
Fire Protection systems to be approved by [Enter AHJ] Fire Department and Development Services Department.

**Fire Alarm System**  
Provide shop drawings, separate permit submittal, and permit fees for the fire alarm system modifications in the building. Agency review and separate additional permit may be required prior to starting any work on the fire alarm system.

**Fire Sprinkler System**  
Provide shop drawings, flow testing, separate permit submittal, and permit fees for the fire sprinkler system modifications in the building per NFPA-13. Provide one copy of permitted drawings to Architect. A separate additional Permit may be required prior to starting any work on the fire sprinkler system.

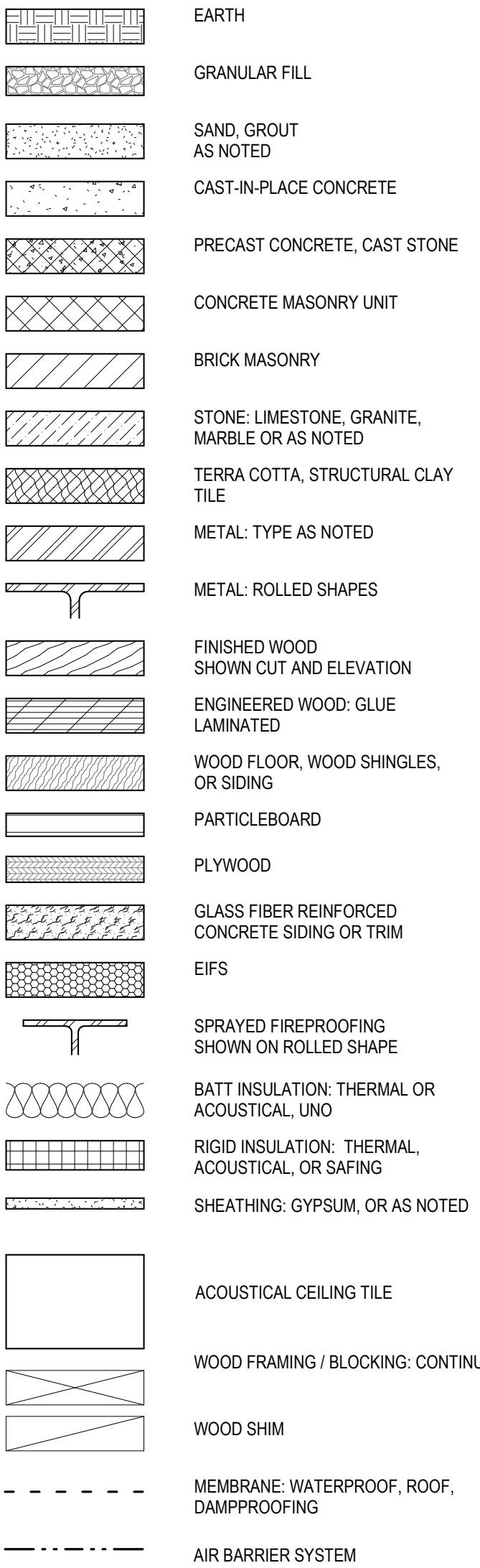
**STRUCTURAL**  
Submit Shop Drawings per Section 13300 for review by the Structural Engineer. **Open-Web Steel Joists** per Structural Drawings

TYPICAL SYMBOLS LEGEND



MATERIALS LEGEND

NOTE: PATTERNS SHOWN REPRESENT CUT MATERIALS IN PLAN OR SECTION, UNLESS NOTED OTHERWISE ABOVE.



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CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
WALL TYPES/PROJECT INFORMATION

SHEET NO.

G-002



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GENERAL SHEET NOTES

- A. Sawcut and remove existing concrete floor slab to accommodate new utility work. Compact trench backfill and patch floor slab to match existing.
- B. Coordinate demolition with new construction. All demolition and repair necessary to accomplish new construction shall be included. Contractor shall remove all existing improvements whether or not specifically indicated on the drawings to facilitate the completion of all required work. Contractors shall visit the site and verify all quantities and items required to be removed.
- C. Where gypsum board is to remain, patch, tape and float portion of wall to match adjacent new finish.
- D. Contractor to coordinate demolition so all wiring, conduit, equipment, etc. to remain is not damaged. Certain items may be temporarily removed and replaced later during course of restoration. General Contractor will be required to incorporate this work into their schedule. The systems may include, but are not limited to the following: EMS/controls, electrical power and lighting, data, audiovisual, security, intercom, CATV, etc. Contractor to tag and loop wire to remain back to control panels, typical.
- E. Any plumbing to be demolished shall have piping terminated above finished ceiling, below finished floor, and behind finished walls. All drain/waste/vent piping to be capped and sealed at all openings per requirements of AHJ.
- F. Remove existing ceiling grid, suspension wires, lighting fixtures, conduits, exit signs, speakers, smoke detectors, curtain tracks, HVAC diffusers and return grilles, and any other ceiling mounted apparatus in all areas of demolition, UNO.
- G. Remove floor and wall covering typical throughout areas of demolition (UNO) and any other areas as affected by demolition/new construction. Parge, float and/or prepare floor and wall surfaces to receive new finishes.
- H. Contractor shall remove and replace any fireproofing or firestopping damage during demolition or new construction to conform to proper rating.
- I. Contractor shall provide full height temporary partitions with UL rating as needed to separate the construction activity, noise, and dirt from adjacent areas (refer to proposed Phasing Plan).
- J. Contractor shall coordinate any shutdown required during demolition with Owner.
- K. Contractor to maintain or repair fire and smoke ratings of existing floor, roof and wall assemblies throughout.

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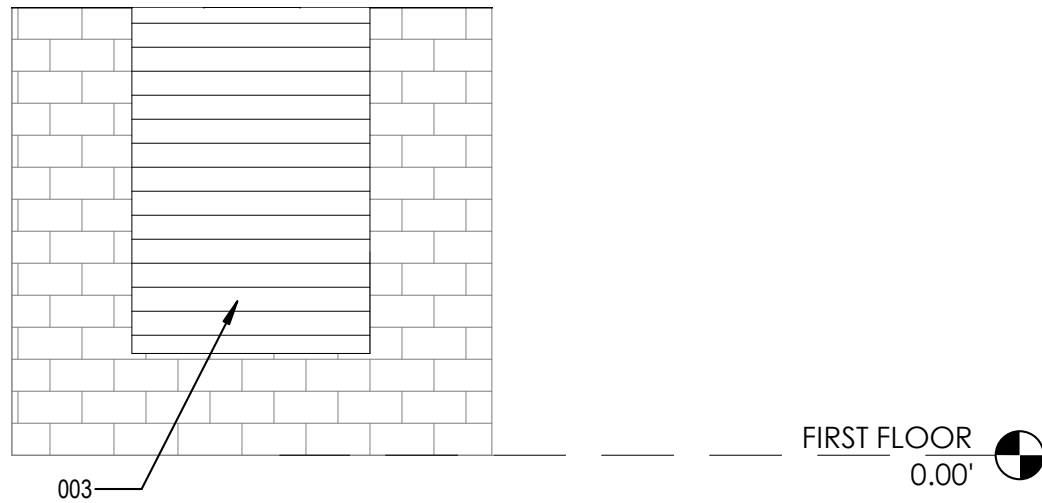
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SHEET KEYNOTES

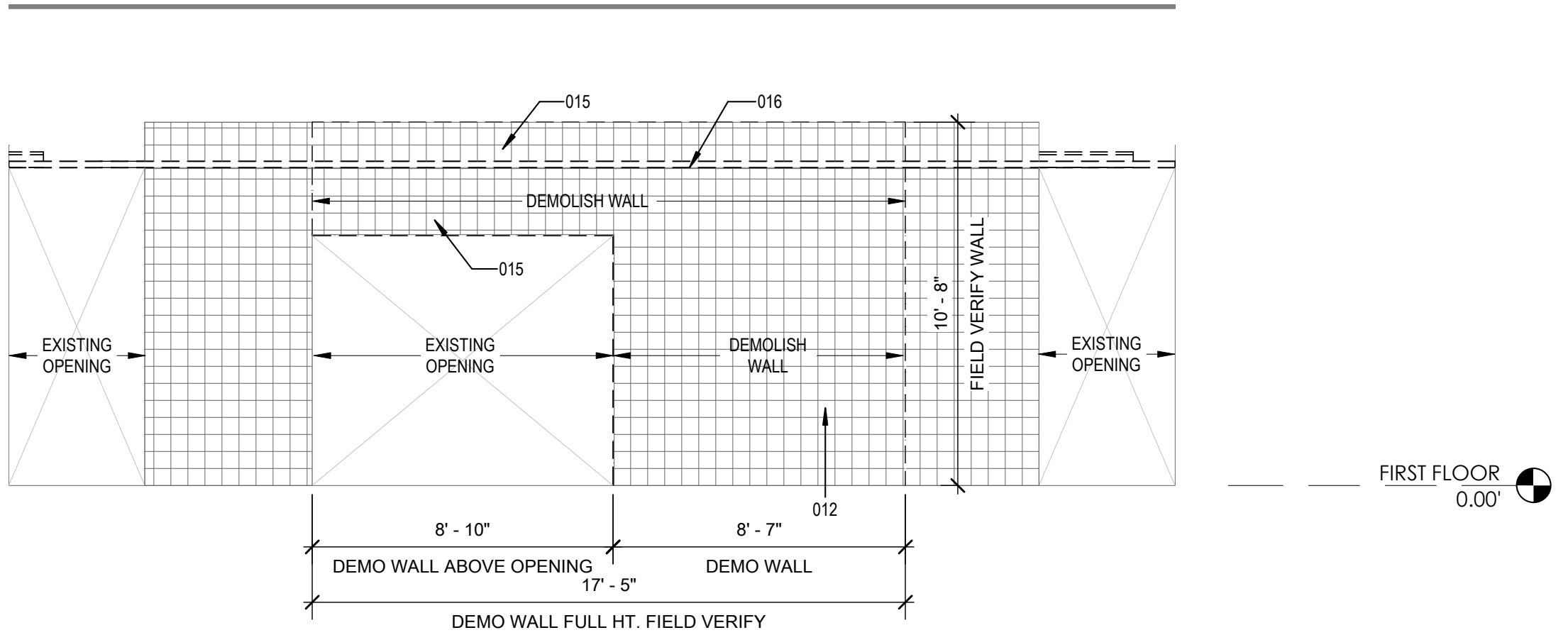
- 001 REMOVE SERVING LINE RETURN TO OWNER
- 002 REMOVE DOOR AND FRAME CAREFULLY NOT DAMAGE EXISTING CONDITIONS TYP.
- 003 REMOVE SMALL TRAY RETURN STEEL ROLL-UP DOOR
- 004 REMOVE DISH WASHER MACHINE AND HOOD RETURN DISH WASHER MACHINE TO OWNER
- 005 MOVE EXISTING ICE MACHINE TO CAFETORIUM FOR NEW FLOOR INSTALLATION TYP.
- 006 REMOVE BRAISING PAN RETURN TO OWNER
- 007 REMOVE COMBI OVEN STACKED RETURN TO OWNER
- 008 REMOVE STACKED OVENS RETURN TO OWNER
- 009 REMOVE SMALL TABLE WARMER AND TWO BURNER TOP RETURN TO OWNER
- 010 REMOVE 3 COMPARTMENT SINK CAP ALL WATER LINES RETURN TO OWNER
- 011 ALL STAINLESS STEEL TABLES AND RACKS ARE NOT IN CONTRACT. MOVE TO CAFETORIUM FOR NEW FLOOR INSTALLATION TYP.
- 012 REMOVE CMU WALL FULL HEIGHT. DIAMOND SAW CUT
- 013 REMOVE SINGLE PASS-THRU COOLER REFRIGERATOR RETURN TO OWNER
- 014 REMOVE DOUBLE PASS-THRU WARMER CABINET RETURN TO OWNER
- 015 REMOVE CMU BLOCK ABOVE EXISTING OPENING. DIAMOND SAW CUT. FIELD VERIFY WALL HEIGHT
- 016 REMOVE CEILING TILE AND GRID
- 017 MOVE EXISTING COMPARTMENT SINK TO CAFETORIUM FOR NEW FLOOR INSTALLATION TYP.
- 018 PROTECT STAINLESS STEEL OPENING DURING DEMOLITION

DEMOLITION LEGEND

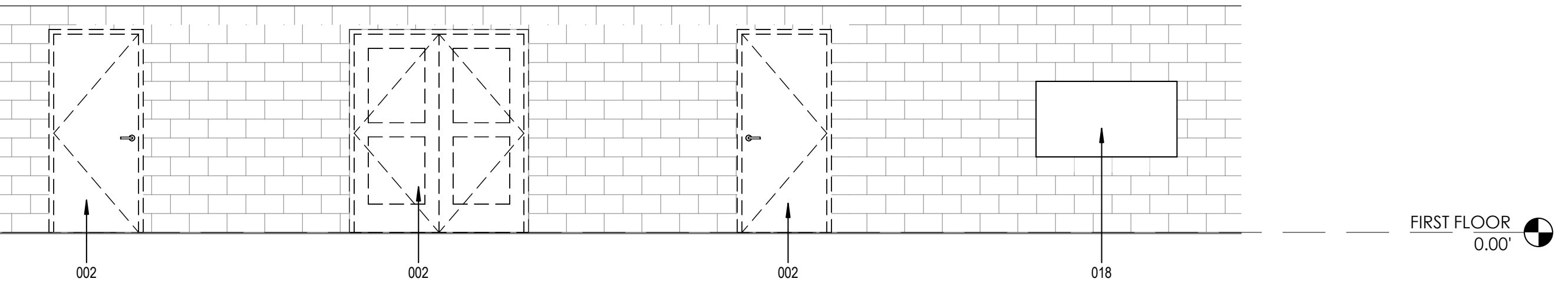
- EXISTING WALLS, STRUCTURE, WINDOWS, ETC. TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING DOOR & FRAME TO BE REMOVED
- LINE OF EXISTING WALK, STAIR, FURNITURE OR OTHER SIMILAR ITEM TO BE REMOVED
- NO WORK AREA



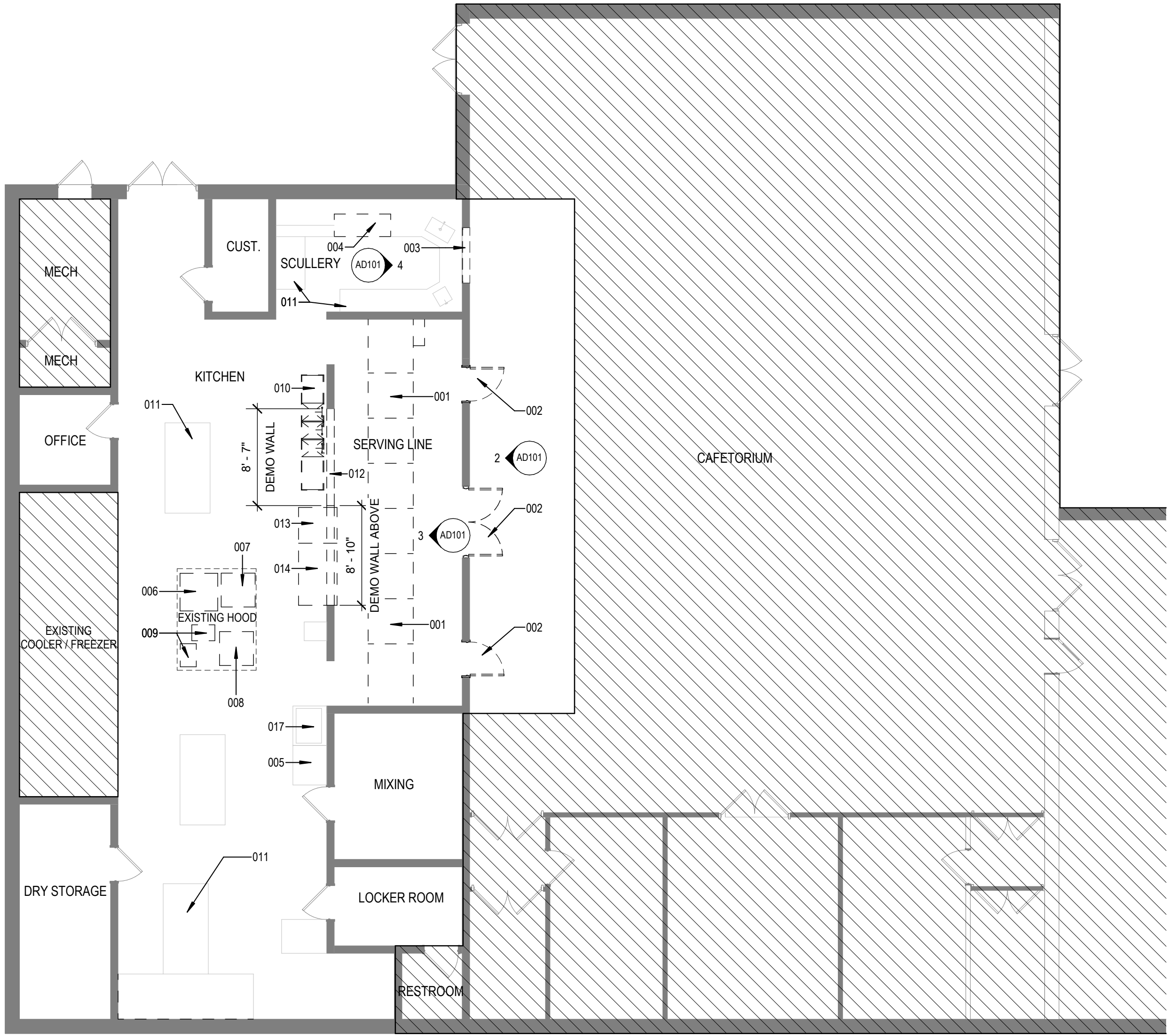
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1/4" = 1'-0" REF 1 / AD101



3 DEMO ELEVATION KITCHEN  
1/4" = 1'-0" REF 1 / AD101



2 DEMO ELEVATION WALL CAFETORIUM  
1/4" = 1'-0" REF 1 / AD101



1 FIRST FLOOR DEMO PLAN  
1/8" = 1'-0" REF 5 / A-101

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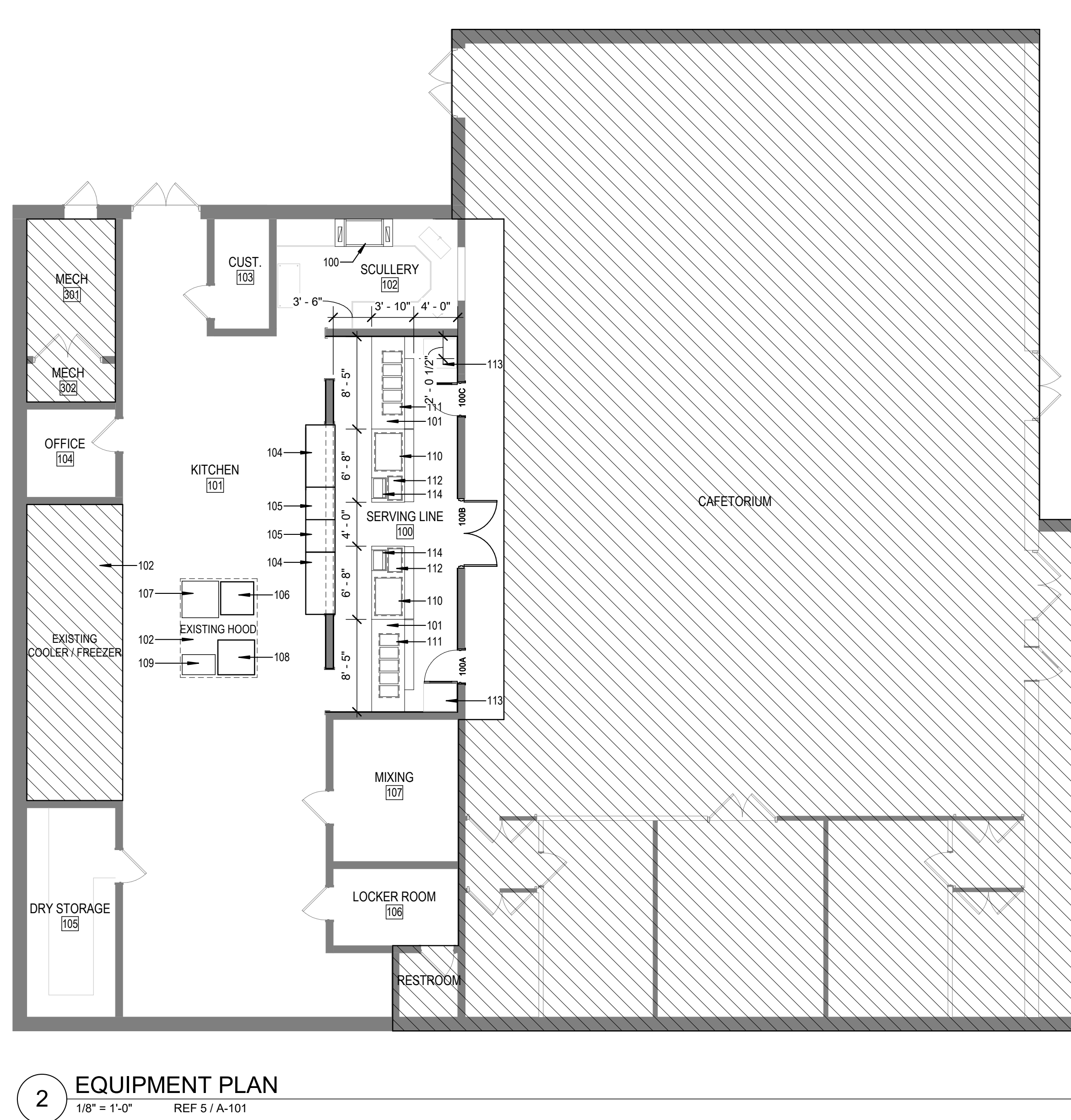
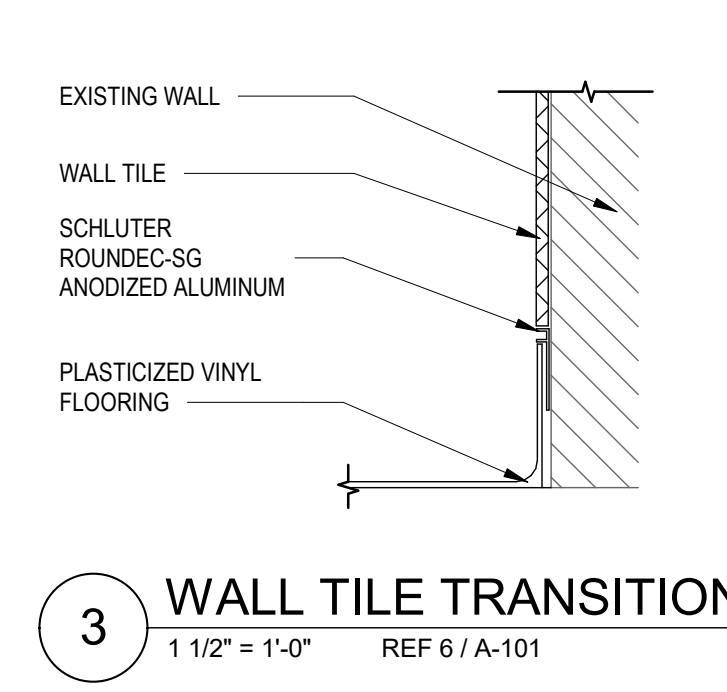
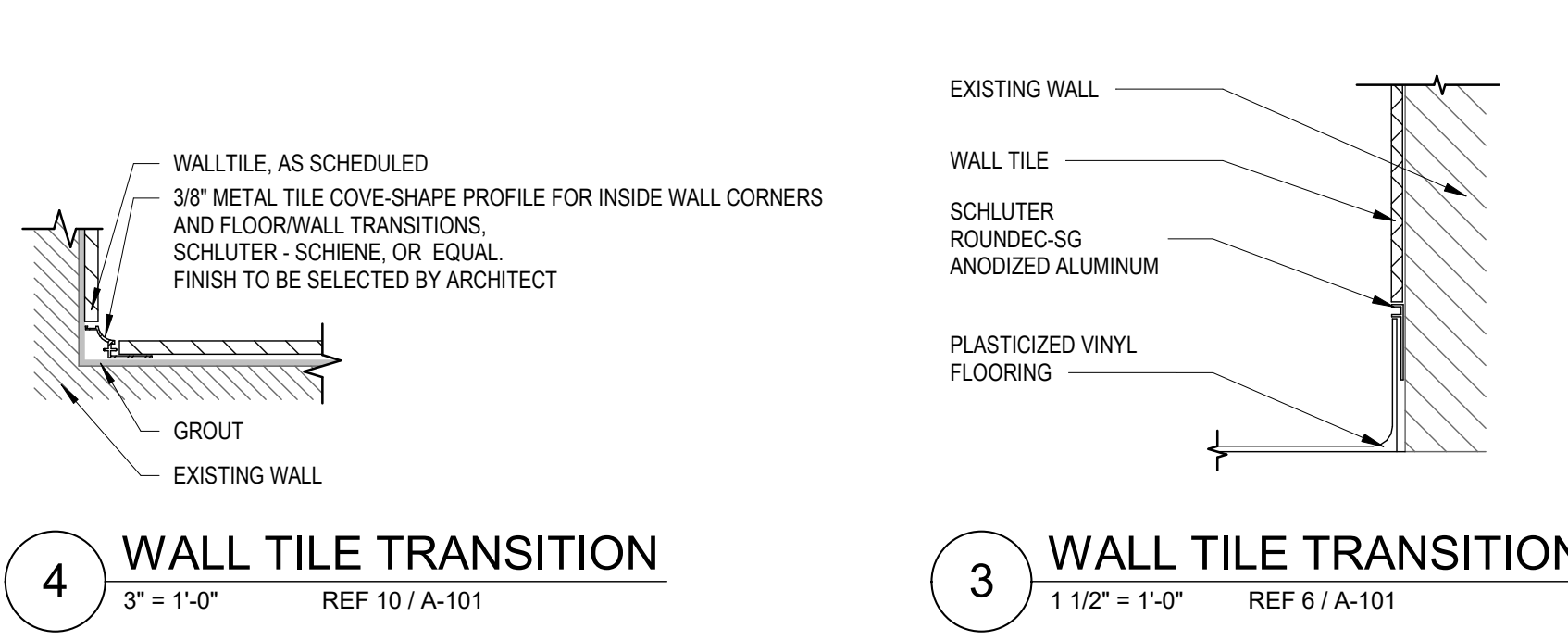
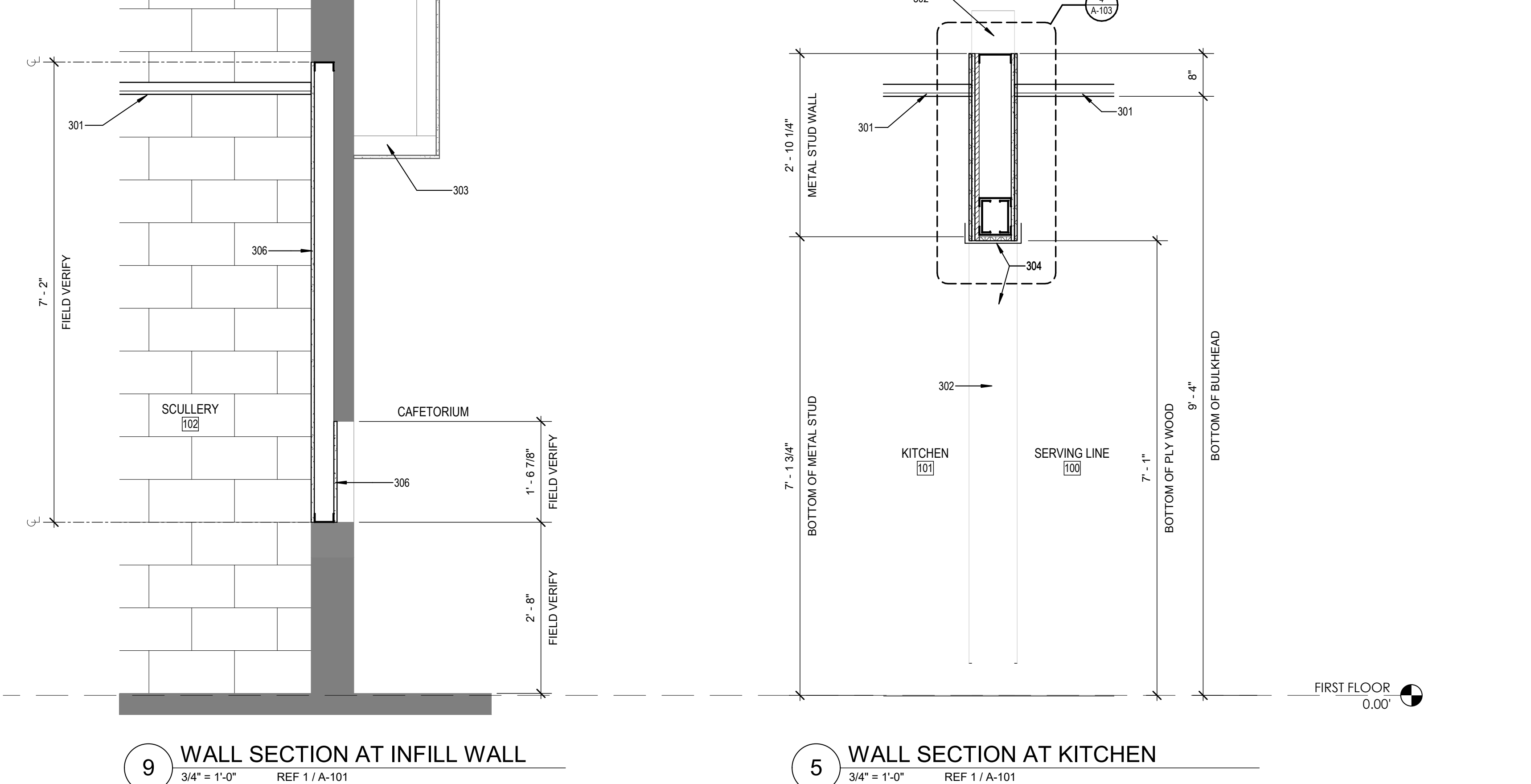
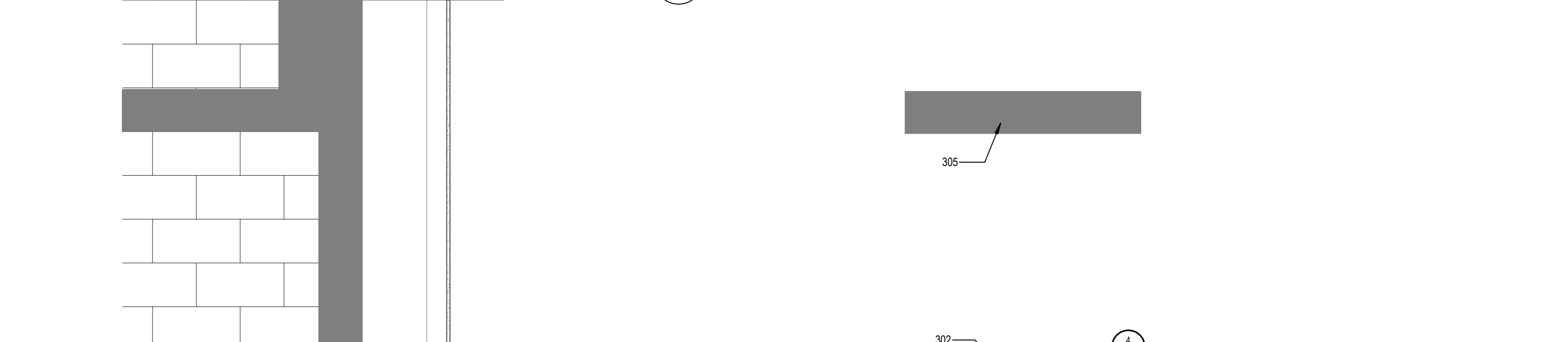
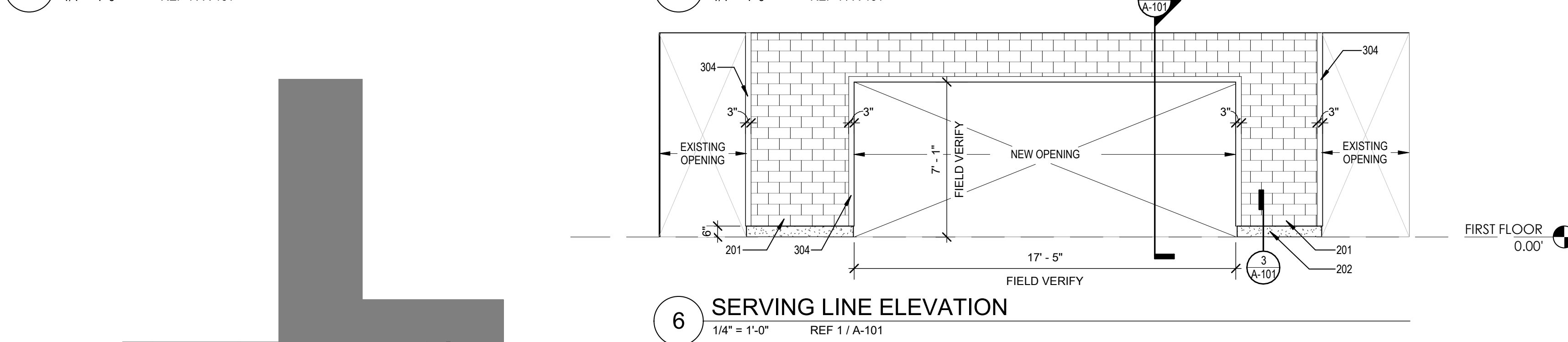
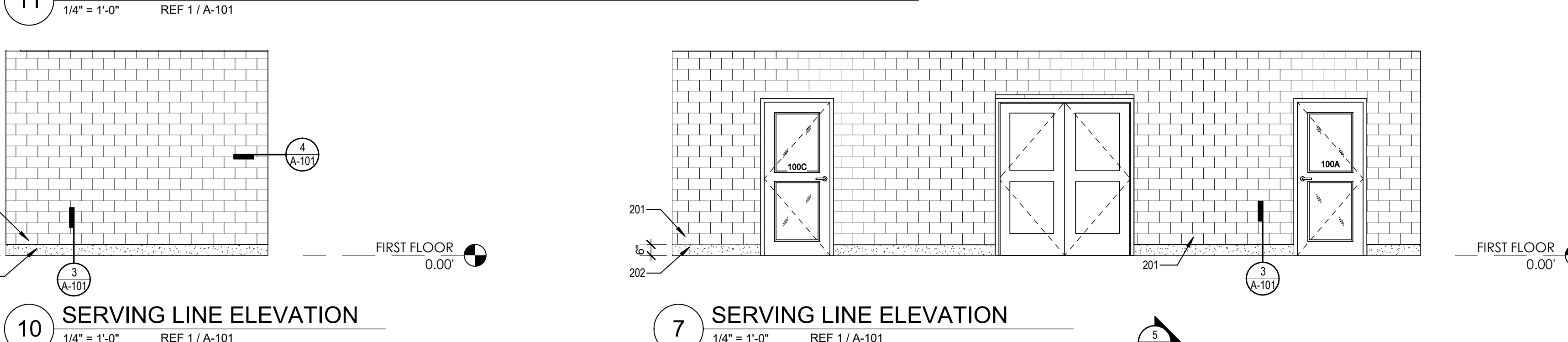
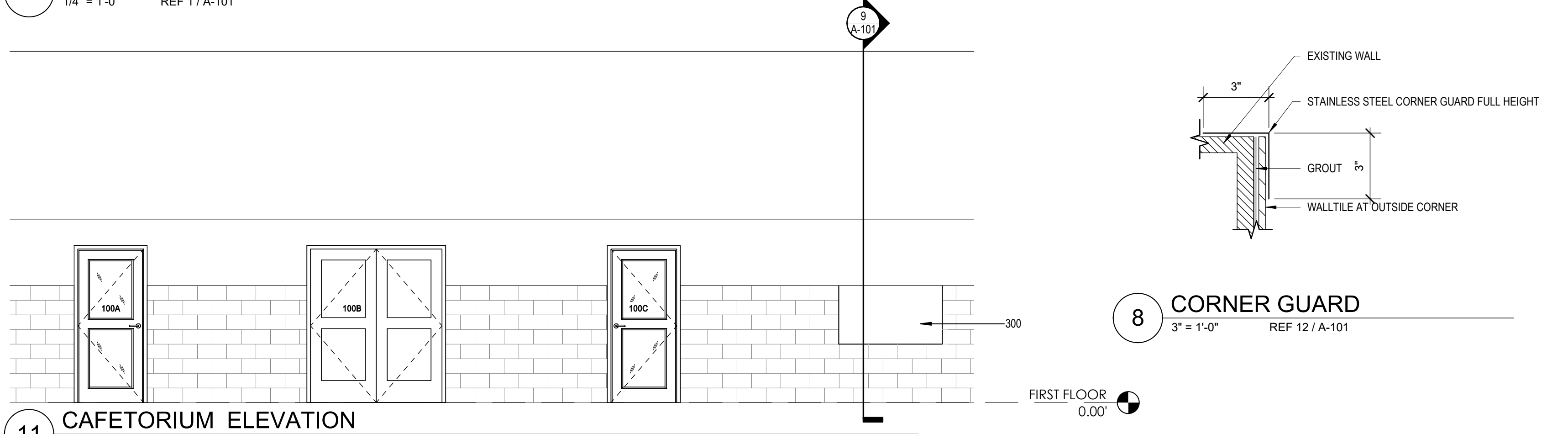
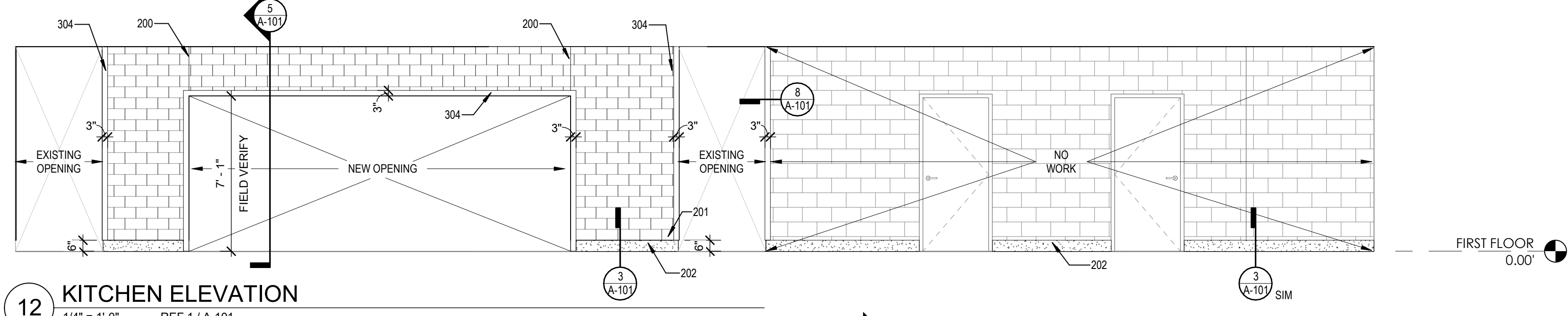
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DEMOLITION PLANS

SHEET NO.

AD101

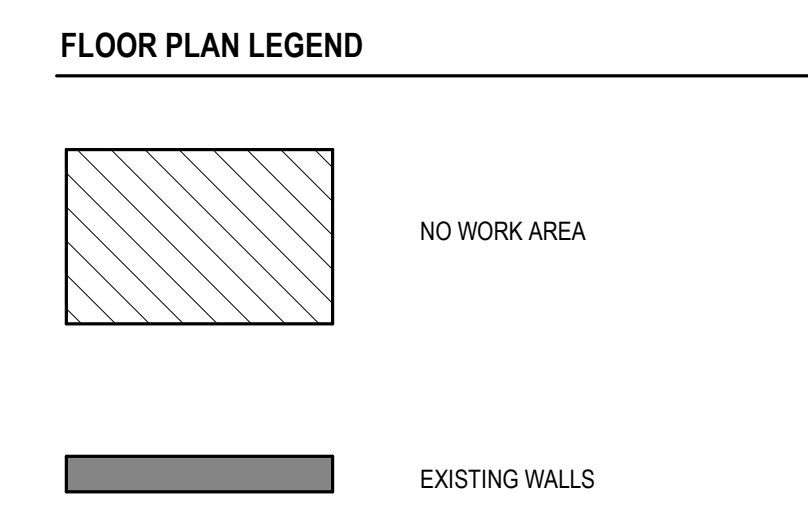


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- GENERAL SHEET NOTES**
- A. Keynotes and legends are typical for all floor plan sheets, and may not apply to each sheet.
  - B. Dimensions are to face of masonry, concrete and [studs OR gypsum board] and centerline of columns unless noted otherwise.
  - C. Field verify all dimensions prior to fabrication of any cabinetry, frames, structural items, etc.
  - D. Provide painted access panels in walls and ceilings at concealed items, such as valves, shock absorbers, controls, switches, etc., and any other items that may require access. It is the Contractor's responsibility to determine access panel locations.
  - E. Seal all penetrations in fire rated assemblies as required by all applicable codes. Permanently label all penetrations and assemblies.
  - F. Verify and coordinate all requirements for owner furnished items, prior to performance of any work that is to accommodate and interface with such items.
  - G. All angles are increments of 45 degrees unless noted otherwise.
  - H. Provide "Try" reveal FDM 625-75 or equal at all gypsum board to masonry or concrete transitions.
  - I. All frame walls to be Type [S01C OR CHOOSE TYPE] and all furring walls to be [F01E OR CHOOSE TYPE], unless noted otherwise.

- SHEET KEYNOTES**
- 100 DISH WASHER MACHINE HOBART MODEL# CL44n-BAS ELECTRIC. SEE MEP DRAWINGS FOR FURTHER INFORMATION CONTRACTOR PROVIDED & INSTALL
  - 101 FLAT TOP UNIT MODEL# MCT-F1 8'-5" CONTRACTOR PROVIDED & INSTALL
  - 102 CLEAN AND POLISH EXISTING HOOD, FREEZER, AND COOLER EXTERIOR ONLY
  - 103 CLEAN EXISTING FLOORING IN SERVING LINE AND KITCHEN FOR NEW FLOOR INSTALLATION. SEE FINISH FLOOR SCHEDULE
  - 104 TRAUlsen DOUBLE ROLL-THRU HOT HOLDING CABINETS MODEL# RAN20LP CONTRACTOR PROVIDED & INSTALLED
  - 105 TRAUlsen SINGLE ROLL-THRU REFRIGERATOR COOLER MODEL# RARI32LPUT CONTRACTOR PROVIDED & INSTALLED
  - 106 COMBI OVEN STACKED MODEL# TCM102E NOT IN CONTRACT
  - 107 TILTING SKILLET BRAISING PAN VULCAN MODEL# VE40 OWNER NOT IN CONTRACT
  - 108 DOUBLE DECK ELECTRIC CONVECTION OVENS VULCAN MODEL# VCA4E SERIES CONTRACTOR PROVIDED & INSTALLED
  - 109 CONVECTION STEAMER AND CO-INTERTOP MODEL# C2AE3 PLUS SERIES AND VULCAN STANDS MODEL# 28XSG. NOT IN CONTRACT
  - 110 1/2" DEEP RECESS COLD UNIT TO (2) 18 X 26 PANS
  - 111 ALTO-SHAW DRY HOT WELLS MODEL# S30-HWIDE
  - 112 ICE CREAM UNIT #MCT-DHC-2010 WITH CLEAR LIDS
  - 113 EXISTING TRAUlsen MODEL# RMC3486 MILK COOLER MOVE FOR NEW FLOOR INSTALLATION TO CAFETORIUM
  - 114 POS LOCATION WITH LARGE CASH DRAWER AND MONEY HOLDER TRAY
  - 200 CONTROL JOINT BETWEEN EXISTING CMU WALL AND TILE WALL
  - 201 START WALL TILE 6" ABOVE FINISH FLOOR TYP.
  - 202 PLASTICIZED VINYL, ALUMINUM OXIDE GRAINS AND SILICON CARBIDE GRAINS WITH A GLASS FIBER REINFORMENT BASE. SEE FINISH SCHEDULE
  - 300 PAINT GYPSUM BOARD TO MATCH EXISTING CONDITIONS
  - 301 CEILING TILE AND GRID
  - 302 WALL BEYOND
  - 303 EXISTING BULK-HEAD WALL. PROTECT DURING DEMOLITION AND CONSTRUCTION
  - 304 STAINLESS STEEL CORNER COVER/CASE OPENING
  - 305 EXISTING ROOF DECK
  - 306 5/8" GYPSUM BOARD ON 3 5/8" METAL STUD. SEE PARTITION WALL TYPE 2IG-002



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REGISTERED ARCHITECT  
STATE OF TEXAS  
19569  
04/28/2022

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T E BAXTER ELEMENTARY SCHOOL  
**KITCHEN RENOVATION**  
1050 PARK PLACE BLVD.  
MIDLOTHIAN, TX 76065

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OWP PROJECT NO. DATE OF ISSUE  
2022-110-00 04.28.2022

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DELTA	DESCRIPTION	DATE

PROJECT TEAM  
ED TEXAS

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EA

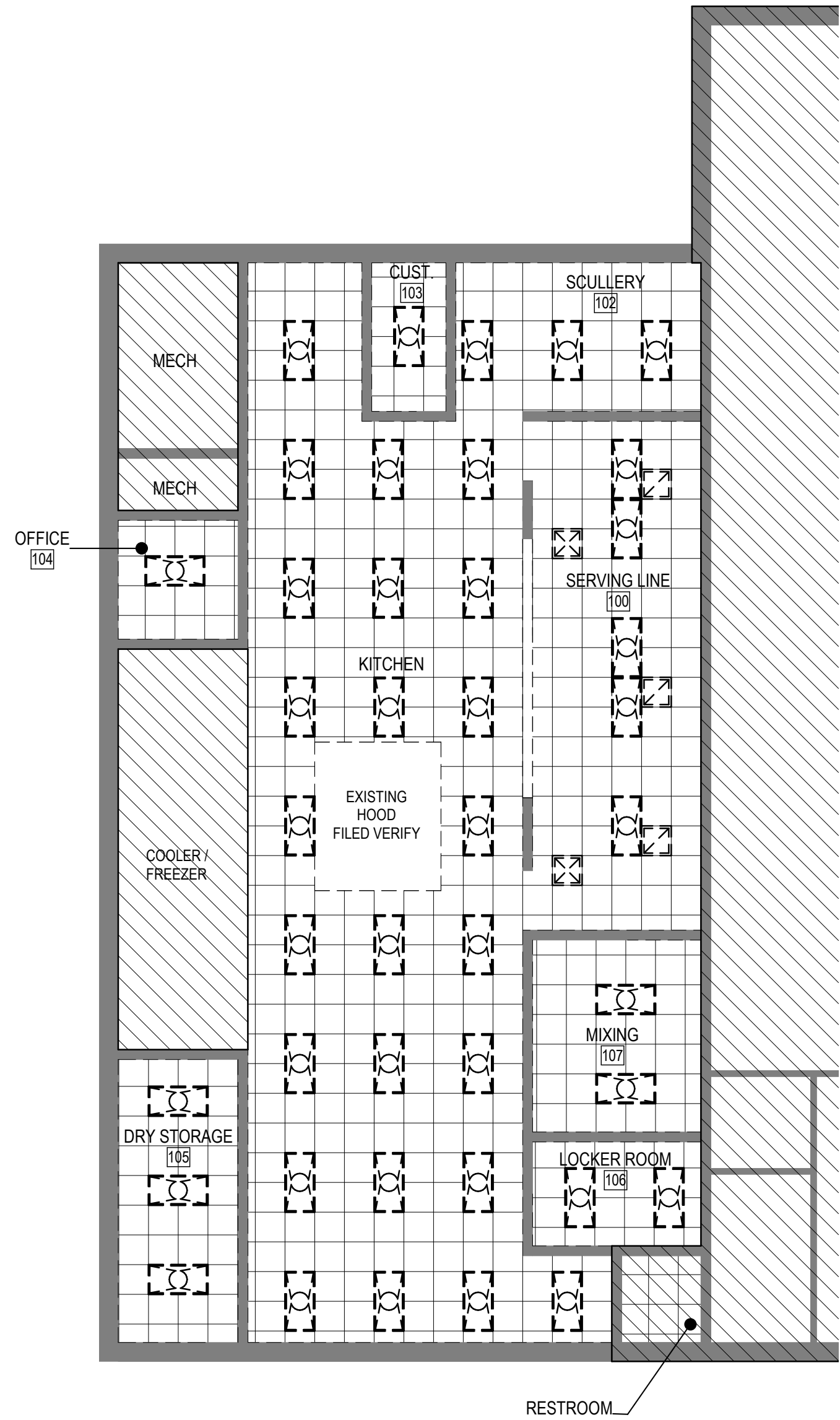
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CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FIRST FLOOR PLAN

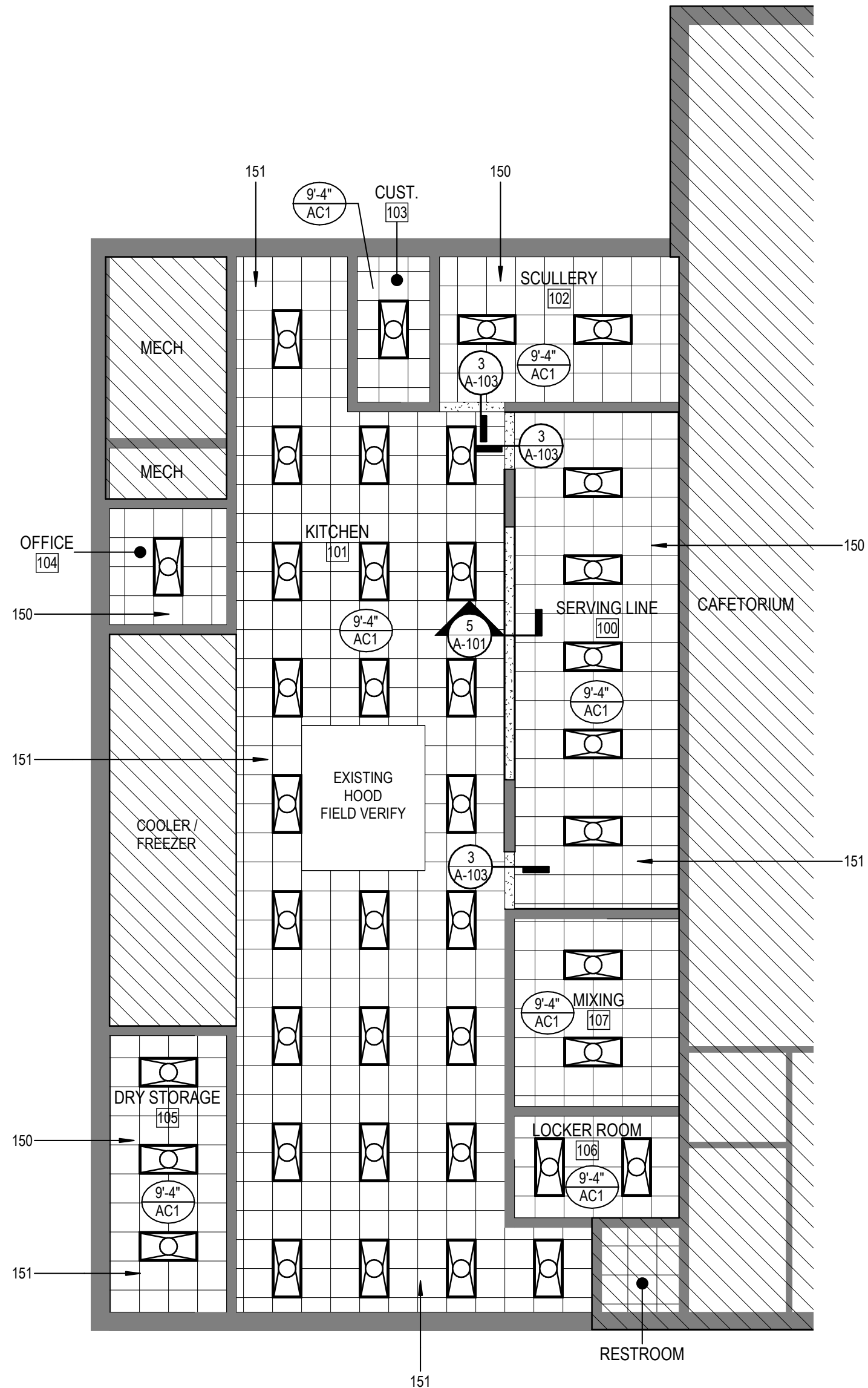
SHEET NO.  
A-101



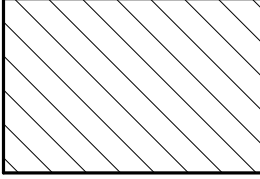




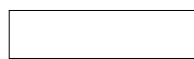
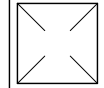
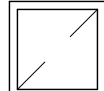



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2 DEMOLITION RCP  
1/8" = 1'-0" REF 5 / A-101



1 REFLECTED CEILING PLAN  
1/8" = 1'-0" REF 5 / A-101

RCP LEGEND	
	NO WORK AREA
	EXPOSED TO STRUCTURE ABOVE
	HEIGHT ABOVE FINISHED FLOOR CEILING TYPE
	CEILING MOUNTED 2x4 LED
	RECESSED LED DOWNLIGHT
	1X4 LED HANG LIGHT
	SUPPLY DIFFUSER (SEE MECH.)
	RETURN DIFFUSER (SEE MECH.)
	EMERGENCY LIGHT (SEE ELEC.)
	CEILING MOUNTED EMERGENCY EXIT LIGHT (SEE ELEC.)
	WALL MOUNTED EMERGENCY EXIT LIGHT (SEE ELEC.)

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SHEET CONTENTS  
FIRST FLOOR RCP

SHEET NO.

A-103

- GENERAL SHEET NOTES**
- A. Ceilings and other suspended items shall be attached to structure by fully embedded or "shear" connection; pull out connections are not acceptable.
- B. All gypsum board ceilings shall be 5/8" type 'X' gypsum board on light gauge framing or suspension system.
- C. Ceiling and soffit heights noted on Reflected Ceiling Plans, are above finish floor.
- D. Center all devices, sprinkler heads, etc. in ceiling tiles.
- E. All soffits over casework to extend 1" beyond the face of casework.
- F. Provide continuous sound batt insulation above all toilet room ceilings.
- G. Fire sprinkler contractor shall reference all drawings and specifications for determining proper coverage and sprinkler head layout/design.
- H. Reveal molding to be used at all intersections of different materials. All soffit reveals shall be a continuation of vertical wall reveals.
- I. Refer to electrical drawings for location of reused, relocated, existing or new light locations. Patch all GWB ceilings with new gypsum wall board where damaged or removed for new work. Match existing depth, finish and color of ceiling to be patched.
- J. Ceiling heights indicated in existing areas are approximate. Maximize where possible. Where ceiling grids are to extend, match existing height, direction, manufacturer, style, color and type of grid.

REFERENCE KEYNOTES

SHEET KEYNOTES

- 150 KITCHEN CEILING TILE VINYL COATED / CLEANABLE AND GRID TYP. SEE SPECIFICATIONS  
151 REF. ELEC FOR SUPPLY AND RETURN AIR GRILLS TYP.  
301 CEILING TILE AND GRID  
304 STAINLESS STEEL CORNER COVER/CASE OPENING  
306 5/8" GYPSUM BOARD ON 3/8" METAL STUD. SEE PARTITION WALL TYPE 2IG-002  
307 WALL CERAMIC TILE ON WATER PROOF GREEN GYPSUM BOARD ON 3/4" PLYWOOD ON 6" METAL STUD ALIGN WITH EXISTING WALL. SEE PARTITION WALL TYPE 3IG-002  
308 WALL CERAMIC TILE ON WATER PROOF GREEN GYPSUM BOARD ON 6" METAL STUD ALIGN WITH EXISTING WALL. SEE PARTITION WALL TYPE 3IG-002  
309 3/4" PLYWOOD ON 6" METAL STUD  
310 6" METAL STUD BOX BEAM  
311 3/8" METAL STUD TO DECK BRACE AS REQUIRED

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DOOR AND FRAME SCHEDULE																		
Door Number	Door Size			Panel			Frame						Door Rating	Glazing Type	Hardware Set	Door Accessories	Function	Remarks
	Width	Height	Thickness	Type	Material	Finish	Type	Material	Finish	Slabete Width	Transom Height							
FIRST FLOOR																		
100A	36"	84"	1 3/4"	G2	AL	AA	F1	AL	AA			TEMP	553AS	(none)	(none)		FIELD VERIFY DOOR FRAME JAMB SIZE: SEE DOOR HARDWARE No. 553AS	
100B	72"	84"	1 3/4"	G2	AL	AA	F2	AL	AA			TEMP	553AS	(none)	(none)		FIELD VERIFY DOOR FRAME JAMB SIZE: SEE DOOR HARDWARE No. 553AS	
100C	36"	84"	1 3/4"	G2	AL	AA	F1	AL	AA			TEMP	553AS	(none)	(none)		FIELD VERIFY DOOR FRAME JAMB SIZE: SEE DOOR HARDWARE No. 553AS	

Total Doors: 3

**HARDWARE GROUP NO. 553AS**  
For use on Door #s): 100A, 100B, AND 100C

Provide each SGL door(s) with the following:			CATALOG NUMBER
QTY	DESCRIPTION		
3	EA HINGE		SB01 4.5 X 4.5 (WV @ 3/16" & LGR, 1EA EVERY 30")
1	EA CLASSROOM SECURITY		ND75TD SPA.XN12-035
2	EA PERMANENT CORE		23-030 - KEYED AS DIRECTED BY DISTRICT
1	EA OH STOP		100S - SIZE AS REQD
1	EA NOTE		SEAL BY DOOR/FRAME MFG

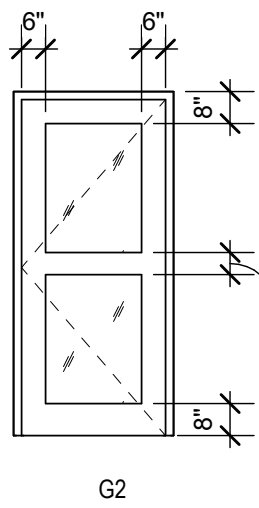
**HARDWARE NOTE:**  
DOOR # 100B - USE A PAIR OF HINGES

GENERAL SHEET NOTES

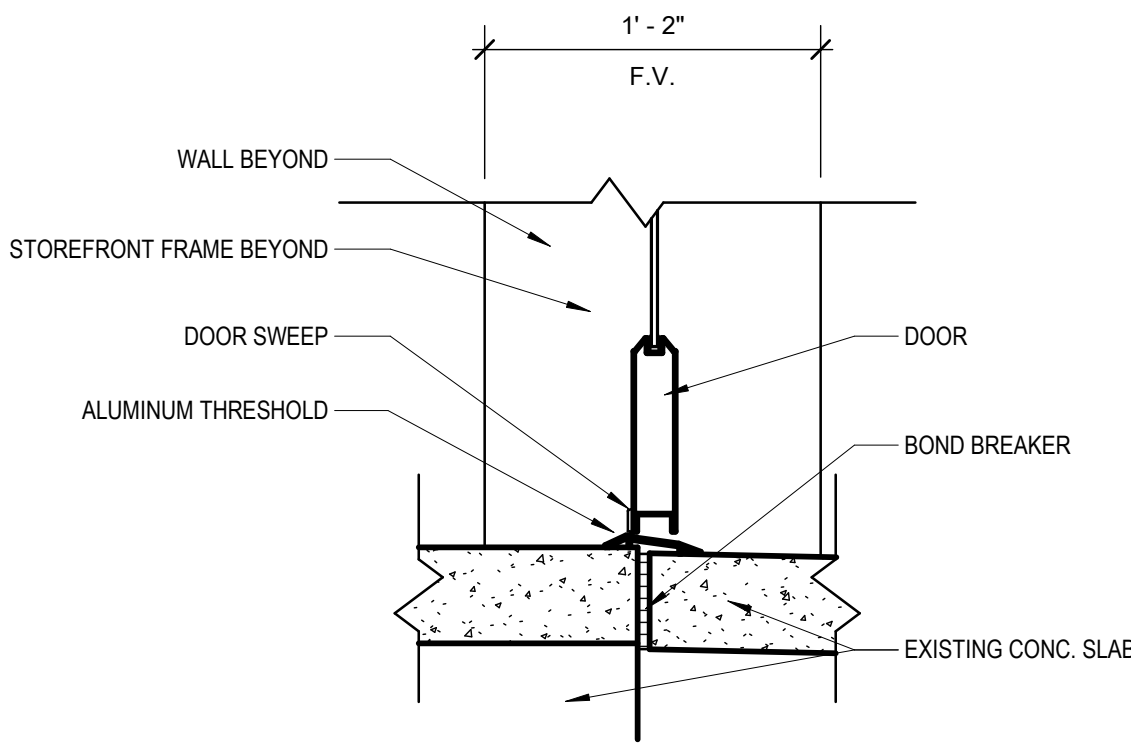
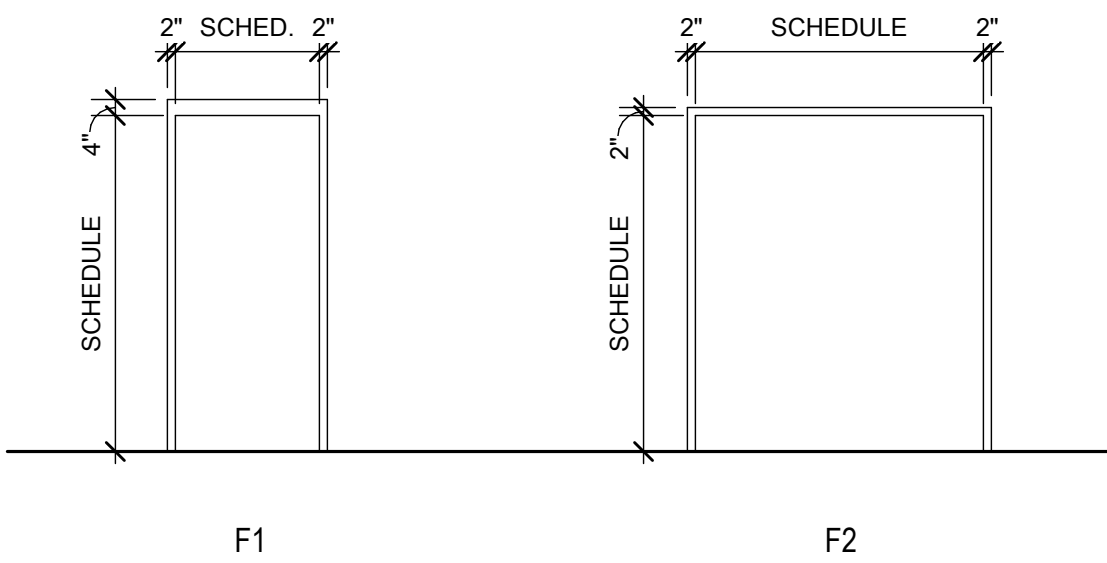
- A. Fire Protection Glazing - Glazing in Fire Window assemblies shall be fire protection rated in accordance with the requirements of IBC section 715.
- B. Safety Glazing - All glazing at hazardous locations subject to human impact loads shall comply with IBC section 2408.
- C. Refer to Accessible Details for plumbing fixtures and accessories installation.

DOOR PANEL MATERIAL		DOOR GLASS TYPE	
AL	ALUMINUM	FRG	FIRE RATED GLASS
HC	HOLLOW CORE WOOD	LSG	LAMINATED SAFETY GLASS
HM	HOLLOW METAL	MR	MIRROR
SC	SOLID CORE WOOD	PC	POLYCARBONATE
STD	MANUFACTURERS STANDARD	TG	TEMPERED GLASS
ZO	OTHER, SEE SPECS		
DOOR PANEL FINISH		DOOR ACCESSORIES	
ANODIZED ALUMINUM	AA	AO	AUTOMATIC / LOW ENERGY OPERATOR
PLASTIC LAMINATE	PL	CR	CARD READER CONTROLLER
PAINTED METAL	PM	EH	ELECTRIFIED HARDWARE LOCKSET
MANUFACTURER'S STANDARD	STD	ES	ELECTRIC STRIKE
WOOD VENEER - PAINTED	WP	HO	MAGNETIC HOLD OPEN
WOOD VENEER - PREFINISHED	WV	KP	KEY PAD CONTROLLER
OTHER, SEE SPECS.	ZO	PB	PUSH BUTTON CONTROLLER
		PS	POSITION INDICATOR SWITCH
DOOR FRAME MATERIAL		RATING	
AL	ALUMINUM	20, 45, 60 ASSEMBLY RATING IN MINUTES	
HM	WELDED HOLLOW METAL		
KD	KNOCK DOWN FRAME		
MFR	FRAME BY MANUFACTURER		
WD	WOOD		
DOOR FRAME FINISH		HARDWARE	
AA	ANODIZED ALUMINUM	H# HARDWARE SET NUMBER PER SECTION 087100 1	
PL	PLASTIC LAMINATE		
PM	PAINTED METAL		
STD	MANUFACTURER'S STANDARD		
WP	WOOD VENEER - PAINTED		
WV	WOOD VENEER - PREFINISHED		
ZO	OTHER, SEE SPECS		

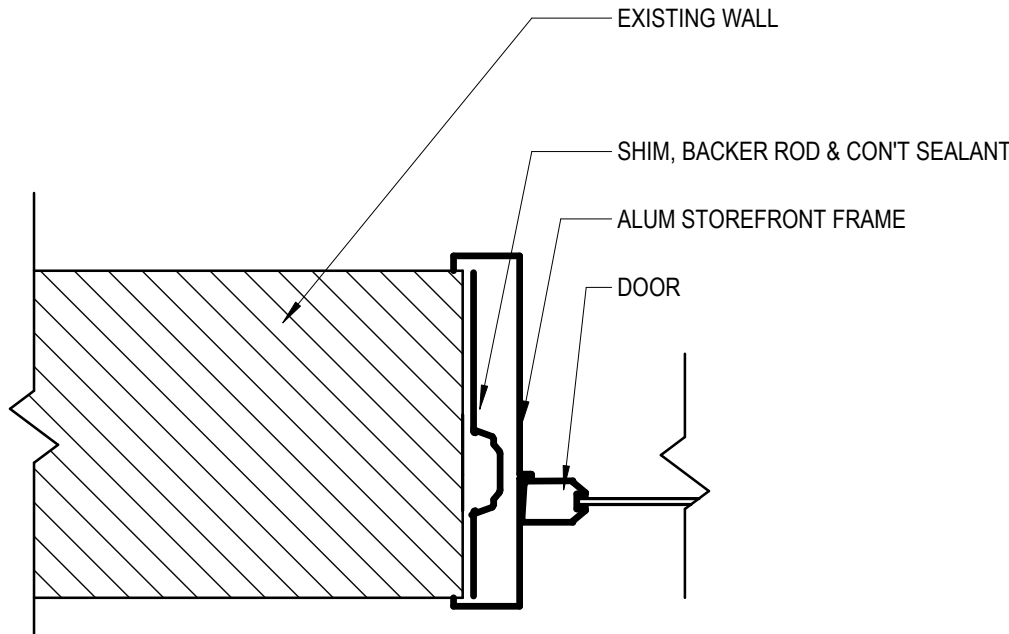
DOOR TYPE LEGEND1



DOOR FRAME TYPES1



1 ALUMINUN STOREFRONTTHRESHOLD  
1 1/2" = 1'-0"



2 ALUMINUN STOREFRONT JAMB  
1 1/2" = 1'-0"

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SHEET CONTENTS  
DOOR SCHED./ELEV.

SHEET NO.

A-601

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BRITNEY C. HALL  
REGISTERED ARCHITECT  
1969  
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04/28/2022

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KITCHEN RENOVATION

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EA

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CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR FINISH PLAN

SHEET NO.

A-701

GENERAL SHEET NOTES

- A. All flooring materials to meet at center of doorway UNO.
- B. All flooring materials continue under casework to toe kick or under open counter to wall.
- C. Door frames to be painted <MFR>. Color: \_\_\_\_\_. Finish: Semi-gloss enamel, UNO.
- D. Refer to Reflected Ceiling Plan sheet(s) for soffit ceiling finishes.

WALL TILE COLOR MIXTURE



FINISH PLAN LEGEND

WALLS:

PT1 - WALL PAINT  
MANUFACTURER : SHERWIN WILLIAMS (OR EQUAL)  
COLOR: SW0000 MATCH EXISTING WALL COLOR  
FINISH: MATCH EXISTING FINISH AND TEXTURE

T1 - WALL TILE, FIELD  
MANUFACTURER : CROSSVILLE  
COLLECTION: RETRO ACTIVE 2.0  
COLOR: RET04 EMPRESS WHITE UPS  
SIZE: 6" X 12"  
GROUT: MAPEI 27 SILVER

T2 - WALL TILE, FIELD  
MANUFACTURER : CROSSVILLE  
COLLECTION: RETRO ACTIVE 2.0  
COLOR: RET09 PHANTOM UPS  
SIZE: 6" X 12"  
GROUT: MAPEI 27 SILVER

T3 - WALL TILE, ACCENT  
MANUFACTURER : CROSSVILLE  
COLLECTION: RET10 ACTIVE 2.0  
COLOR: RET10 UPS  
SIZE: 6" X 12"  
GROUT: MAPEI 27 SILVER

T4 - WALL TILE, ACCENT  
MANUFACTURER : CROSSVILLE  
COLLECTION: RETRO ACTIVE 2.0  
COLOR: RET11 GULF BREEZE UPS  
SIZE: 6" X 12"  
GROUT: MAPEI 27 SILVER

T5 - WALL TILE, ACCENT  
MANUFACTURER : CROSSVILLE  
COLLECTION: RETRO ACTIVE 2.0  
COLOR: RET13 ROYAL NAVY PO  
SIZE: 6" X 12"  
GROUT: MAPEI 27 SILVER

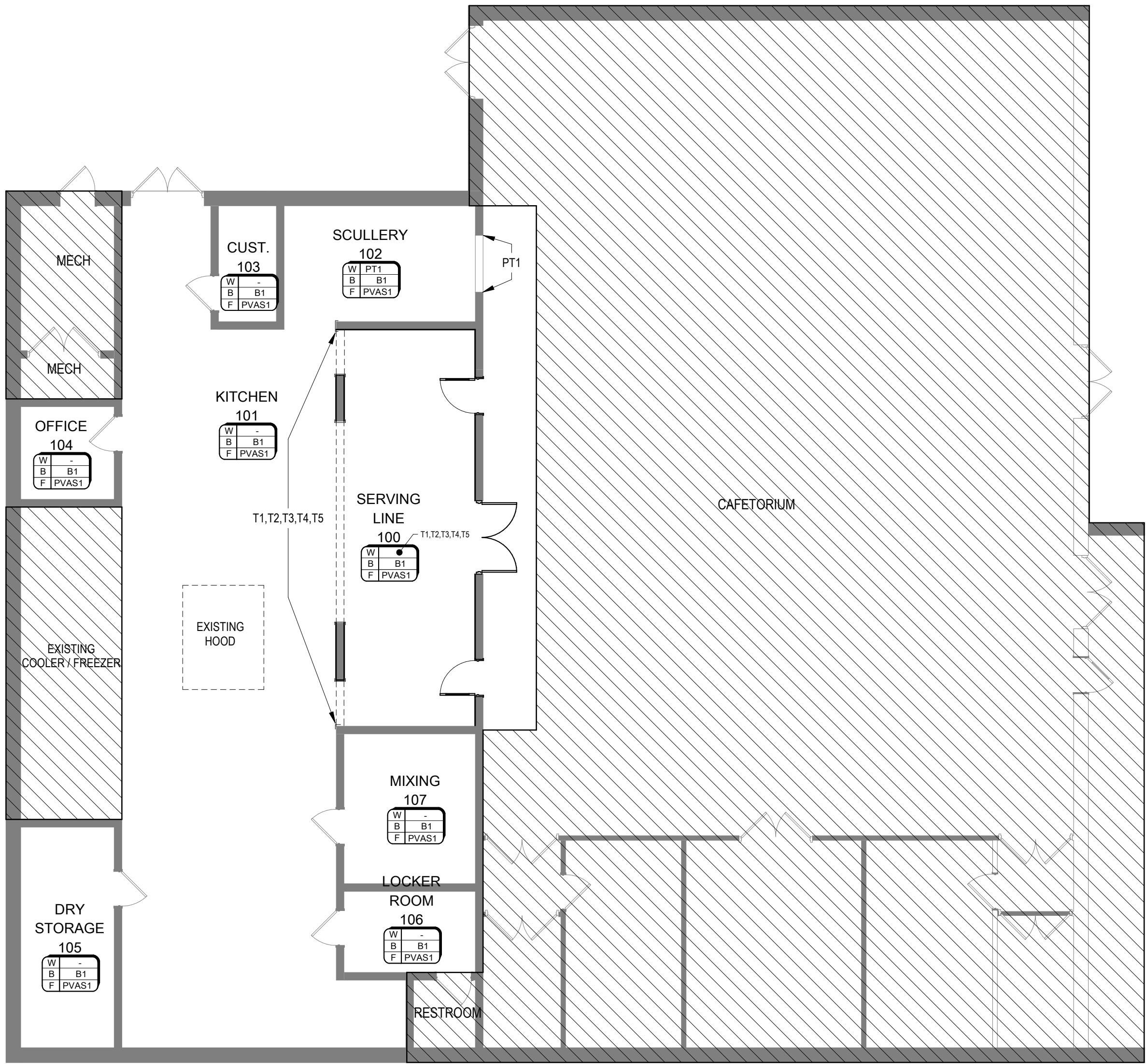
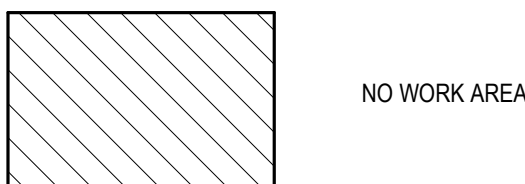
BASE:

B1 - PLASTICIZED VINYL, ALUMINUM OXIDE GRAINS AND SILICON CARBIDE GRAINS WITH A GLASS FIBER REINFORCEMENT  
MANUFACTURER: ALTRO  
COLLECTION: ALTRO STRONGHOLD 30  
COLOR: CANNON-K30911  
SIZE: N/A

FLOOR:

PVAS1 - PLASTICIZED VINYL, ALUMINUM OXIDE GRAINS AND SILICON CARBIDE GRAINS WITH A GLASS FIBER REINFORCEMENT  
MANUFACTURER: ALTRO  
COLLECTION: ALTRO STRONGHOLD 30  
COLOR: CANNON-K30911  
SIZE: N/A

FLOOR PLAN LEGEND



1 FINISH FLOOR PLAN

1/8" = 1'-0" REF 5 / A-101







### A. GENERAL

1. THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS ARE INTENDED TO DESCRIBE AND ILLUSTRATE SYSTEMS THAT WILL NOT INTERFERE WITH THE ARCHITECTURAL AND STRUCTURAL CONDITIONS OF THE BUILDING, AND WILL FIT INTO AVAILABLE SPACES.
2. CAREFULLY LAY OUT ALL WORK TO CONFORM TO THE ARCHITECTURAL, STRUCTURAL, AND FINISH CONDITIONS; AND WITH OTHER TRADES PRIOR TO STARTING ANY WORK, TO AVOID OBSTRUCTIONS AND TO ALLOW THE PROPER INSTALLATION OF EACH ITEM. CONTRACTOR SHALL BECOME FAMILIAR WITH WALL AND PARTITION LOCATIONS, CEILING HEIGHTS, FINISHES, AND OTHER PERTINENT DATA FROM ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL FURTHER BECOME FAMILIAR WITH LOCATIONS OF PIERS, BEAMS, COLUMNS, JOISTS, AND OTHER PERTINENT DATA FROM STRUCTURAL DRAWINGS.
3. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, UTILITY CONNECTION CHARGES, FEES, AND INSPECTIONS. CONTRACTOR SHALL GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS AND CERTIFICATES FOR APPROVAL FROM THE LOCAL AUTHORITIES HAVING JURISDICTION AS REQUIRED FOR THE PARTICULAR CLASS OF WORK INVOLVED.
4. EXECUTE ALL WORK IN ACCORDANCE WITH LOCAL, STATE, NATIONAL CODES, ORDINANCES, AND OTHER APPLICABLE REGULATIONS GOVERNING THE PARTICULAR CLASS OF WORK INVOLVED. THE GOVERNING CODES ARE MINIMUM REQUIREMENTS AND WHERE THE CONTRACT DOCUMENTS EXCEED CODE REQUIREMENTS, THESE DOCUMENTS SHALL PREVAIL.
5. UNLESS SPECIFICALLY DIRECTED OTHERWISE, FURNISH AND INSTALL EACH AND EVERY ITEM CONTAINED IN, AND ASSOCIATED WITH, THE PARTICULAR CLASS OF WORK INVOLVED AS SHOWN ON THE DRAWINGS AND FURTHER DESCRIBED IN THESE SPECIFICATIONS, TOGETHER WITH ALL APPURTENANCES AND ACCIDENTALS NECESSARY TO COMPLETE THE WORK. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO: LABOR, TRANSPORTATION, TOOLS, STORAGE, CUTTING, PATCHING, TRENCHING, AND CLEAN-UP.
6. LOCATE ALL EQUIPMENT, FIXTURES, DUCTWORK, PIPING, AND OTHER ITEMS IN APPROPRIATE LOCATIONS SHOWN. PROVIDE ANY ADDITIONAL SUPPORTS, HANGERS, AND OPENINGS, AS REQUIRED FOR A COMPLETE AND SATISFACTORILY OPERATING INSTALLATION. COORDINATE ALL WORK TO PROVIDE FOR ALL SERVICE AND ACCESS CLEARANCES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER. ALL EQUIPMENT AND INSTALLATIONS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
7. THE LOCATIONS, POINTS OF CONNECTION, DIMENSIONAL DATA AND OTHER MEASUREMENTS SHOWN ARE OFFERED AS A GENERAL GUIDE ONLY AND WITHOUT GUARANTEE OF COMPLETE ACCURACY. ALL EXISTING ITEMS SHOWN ARE TAKEN FROM EXISTING "AS-BUILT" DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR SHALL VISIT THE SITE, AND REASONABLY FIELD VERIFY THE WORKING CONDITIONS REQUIRED TO INSTALL THE PARTICULAR CLASS OF WORK INVOLVED. MAKE PROVISIONS IN BID FOR SAME TO ASSURE THAT THE RESULTING INSTALLATION WILL BE COMPLETE, COORDINATED, AND RESULT IN A PROPERLY OPERATING SYSTEM.
8. CONTRACTOR SHALL PROVIDE THE OWNER WITH ONE COPY OF THESE DRAWINGS, MARKED WITH ANY ADDITIONS TO, OR DEVIATIONS FROM, THE WORK ILLUSTRATED, TO REPRESENT "AS-BUILT" CONDITIONS.
9. CONTRACTOR SHALL GUARANTEE THE ENTIRE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER SUBSTANTIAL COMPLETION.
10. COOPERATE WITH OTHER TRADES TO KEEP THE WORK AREA CLEAN AND FREE OF UNNECESSARY MATERIALS OR DEBRIS ON A DAILY BASIS. WHEN WORK IS COMPLETE, REMOVE ALL TOOLS, SCAFFOLDING, MACHINERY, AND DEBRIS. CLEAN ALL DIRT AND DUST FROM ITEMS OF WORK AND BROOM SWEEP THE WORK AREA DAILY.
11. COOPERATE WITH THE OWNER'S REPRESENTATIVE AND OTHER TRADES TO MEET THE ESTABLISHED CONSTRUCTION SCHEDULE. SCHEDULE WORK SO AS TO AVOID DELAYING OTHER TRADES.
12. WHEN ALL WORK IS COMPLETE, PAINT ALL PIPING AND EQUIPMENT AS INDICATED IN ARCHITECTURAL DOCUMENTS. TOUCH UP ALL DAMAGED FACTORY FINISHES TO MATCH ORIGINAL FINISHES.
13. SUBMIT ON ALL MATERIALS SPECIFIED HEREIN PRIOR TO COMMENCING WITH ANY WORK. FAILURE TO COMPLY WILL RESULT IN REPLACEMENT OF ALL ITEMS FOUND NOT IN COMPLIANCE WITH THESE REQUIREMENTS.
14. PROTECT ALL BUILDING COMPONENTS, WALLS, ROOFS, FLOORS, ADJACENT EQUIPMENT, LIGHTING, LANDSCAPING, PAVING, ETC. ANY ITEMS DAMAGED, OR WHERE FINISHES HAVE BEEN MARRED, SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION AT NO COST TO THE OWNER. ALL ITEMS SOILED IN THE PROGRESS OF WORK SHALL BE CLEANED TO A "LIKE NEW", OR PRE-EXISTING, CONDITION.
15. AT TIME OF FINAL INSTALLATION OBSERVATIONS, THE OPERATION OF ALL SYSTEMS OF EQUIPMENT SHALL HAVE BEEN DEMONSTRATED TO PERFORM PROPERLY.
16. ANY DISCREPANCIES DISCOVERED BY THE CONTRACTOR DURING BIDDING SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER SO THAT AN ADDENDUM MAY BE ISSUED TO ADDRESS THOSE ITEMS PRIOR TO BIDDING. ANY DISCREPANCIES DISCOVERED AFTER BIDDING, HAD WERE REASONABLE TO HAVE BEEN DISCOVERED, SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
17. WORK UNDER DIVISION 23 SHALL INCLUDE PROVISION OF STARTERS, CONTROLLERS, AND RELAYS. THAT ARE A PART OF THE EQUIPMENT FURNISHED UNDER DIVISION 23, TO THE DIVISION 16 INSTALLER INCLUDING ALL WIRING DIAGRAMS FOR INSTALLATION THEREOF. DISCONNECTS SHALL BE PROVIDED AND INSTALLED UNDER DIVISION 26 WHEN NOT FURNISHED WITH EQUIPMENT.
18. FOR RENOVATION AND REMODEL WORK, CAREFULLY REMOVE AND PROTECT ALL UNUSED EXISTING FIXTURES/EQUIPMENT, PIPING, DUCTWORK, ELECTRICAL SERVICES, AND ALL OTHER ITEMS ASSOCIATED THEREWITH WHERE INDICATED. COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO REMOVAL AND DISPOSAL TO VERIFY WHETHER OWNER DESIRES TO KEEP ANY EXISTING ITEMS AND THE DESIRED MANNER OF DISPOSITION THEREOF. STORE ALL REMOVED ITEMS ON SITE FOR A MINIMUM OF TWO (2) WEEKS, UNLESS INDICATED OTHERWISE BY THE OWNER'S REPRESENTATIVE, TO ALLOW FOR INSPECTION BY THE OWNER. ALL ITEMS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DEMOLITION DRAWINGS.
19. EXISTING BUILDING OPERATIONS MUST REMAIN ACTIVATED AT ALL TIMES DURING NORMAL OPERATING HOURS. OBTAIN PERMISSION FROM OWNER'S REPRESENTATIVE PRIOR TO SHUTTING-DOWN ANY BUILDING SYSTEM. TEMPORARILY TEMPORARILY SHUT DOWN AIR HANDLING UNITS AND AIR DISTRIBUTION SYSTEMS TO FACILITATE CONSTRUCTION OF AIR HANDLING UNITS AND AIR DISTRIBUTION AND PIPING SYSTEMS TO OTHER FLOORS OF THE BUILDING OUTSIDE OF THE DEMOLITION AREA. SHUT DOWN OF EXISTING SYSTEMS SHALL OCCUR DURING UNOCCUPIED PERIODS WHERE POSSIBLE.
20. PENETRATIONS OF THE CEILINGS, WALLS, OR FLOORS SHALL BE PATCHED, SLEEVED, SEALED, ESCUTCHEONED, AND RESTORED TO THE ORIGINAL FINISH CONDITIONS AND FIRE RATINGS. COORDINATE ALL PENETRATIONS WITH OTHER TRADES.

### B. MECHANICAL HVAC SCOPE OF WORK:

1. PROVIDE ALL MATERIALS, EQUIPMENT, AND PAY ALL COSTS CONNECTED WITH THE INSTALLATION OF COMPLETE MECHANICAL HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) SYSTEMS AS SHOWN ON DRAWINGS AND AS SPECIFIED HEREIN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH ALL ITEMS OF MATERIAL AND LABOR, AND ALL OTHER COSTS, TO COMPLETE THE WORK WITHIN THE INTENT OF THIS SPECIFICATION AND THE DRAWINGS, EVEN THOUGH EACH AND EVERY ITEM NECESSARY IS NOT SPECIFICALLY MENTIONED OR SHOWN.
2. SUBMIT MANUFACTURER'S BROCHURES ON ALL NEW AIR CONDITIONING EQUIPMENT, EXHAUST FANS, AIR DEVICES, AND OTHER COMPONENTS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL. SUBMIT SHOP DRAWINGS ON SHEET METAL AND PIPING SYSTEMS.
3. THE MECHANICAL HVAC SYSTEMS SHALL BE AS INDICATED ON THE DRAWINGS AND SHALL INCLUDE, BUT NOT BE LIMITED TO:
  - a. MODIFICATIONS TO EXISTING MECHANICAL HVAC SYSTEM, DUCTWORK, PIPING, EQUIPMENT, AND OTHER WORK AS SHOWN.
  - b. REMOVE EXISTING DIFFUSERS AND DUCTWORK, PIPING, ELECTRICAL AND OTHER ITEMS ASSOCIATED THEREWITH. CO-ORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO DISPOSAL OF ANY ITEMS. CLEAN AND REPAIR ANY ITEMS TO BE RELOCATED OR REUSED.
  - c. ALL SUPPLY, RETURN, AND EXHAUST AIR DUCTWORK INCLUDING INSULATION SYSTEM, VOLUME DAMPERS, FIRE AND SMOKE DAMPERS, REMOTE ADJUSTMENT DEVICES, PLENUMS, TURNING VANES, SUPPORTING DEVICES, GRILLES, REGISTERS, AND DIFFUSERS.
  - d. TEMPERATURE CONTROLS COMPONENTS AND WIRING.
  - e. THERMAL AND ACOUSTIC INSULATION OF DUCTWORK AND PIPING.
  - f. ROUGH-IN AND FINAL CONNECTIONS FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT FURNISHED BY OTHER TRADES.
  - g. INSPECTION, TESTING AND BALANCING OF ALL MECHANICAL HVAC SYSTEMS.

### C. MATERIALS AND WORKMANSHIP FOR HVAC WORK

1. SHEET METAL COMPONENTS AND AIR DISTRIBUTION DUCTWORK:
- a. FURNISH AND INSTALL A COMPLETE SYSTEM OF HVAC DUCTWORK, AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN.
  - b. DUCTWORK SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE MOST CURRENT ASHRAE DESIGN STANDARDS AND FABRICATED AND INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION STANDARDS OF THE LATEST EDITION OF THE APPLICABLE S.M.A.C.N.A. DUCT CONSTRUCTION STANDARDS, GOVERNING CODES OF THE CITY, BUILDING STANDARDS SET FORTH BY THE BUILDING OWNER, AND ALL AUTHORITIES HAVING JURISDICTION.
  - c. NEW RECTANGULAR SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE NEW G-90 GALVANIZED STEEL.
  - d. NEW RECTANGULAR RETURN AIR DUCT SHALL BE LINED WITH 1" THICK, 1.5 PCF DENSITY, ACQUACUSTAL, AND THERMAL DUCT LINER FOR FIRST 10'-0" FROM UNIT AND ALL TRANSFER DUCTS. ALL SUPPLY AIR DUCTWORK FOR FIRST 10'-0" FROM THECEILING SHALL BE LINED WITH 1/2" THERMAL LINER. ALL CUT EDGES SHALL BE BUTTERED WITH ADHESIVE. ALL DUCT DIMENSIONS SHOWN ARE NET AIR STREAM DIMENSIONS. INCREASE SHEET METAL SIZE TO MAINTAIN THESE CLEAR AIR STREAM DIMENSIONS WHERE LINER IS USED.
  - e. EXTERNALLY SEAL ALL SHEET METAL DUCT JOINTS TO INCLUDE SEALING PRIOR TO APPLYING ANY INTERNAL INSULATION.
  - f. NEW RECTANGULAR DUCT NOT INTERNALLY LINED SHALL BE EXTERNALLY WRAPPED WITH INSULATION, 2" THICK, 1.5 LB. PER CUBIC FOOT DENSITY, R-6.0 FIBERGLASS INSULATION WITH ALUMINUM FOIL VAPOR BARRIER, WHERE CONCEALED ABOVE CEILING. MASTIC SEAL ALL INSULATION JOINTS. INSULATION SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
  - h. EXHAUST DUCTWORK SHALL BE UNINSULATED WITH SEALED JOINTS.
  - i. NEW ROUND BRANCH DUCTS AND FITTINGS SHALL BE FACTORY FABRICATED EQUAL TO DUCTWORK AS MANUFACTURED BY UNITED SHEET METAL COMPANY. ALTERNATELY, SHOP MADE 26 GAUGE PITTSBURGH LOCK SEAM GALVANIZED STEEL WILL BE USED.
  - j. EXTERNALLY SEAL AND THEN INSULATE ALL ROUND DUCT WITH MINIMUM 1-1/2" THICK 1.5 LB. PER CUBIC FOOT DENSITY, R-6.0 DUCTWRAP INSULATION WITH ALUMINUM FOIL VAPOR BARRIER. INSULATION SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
  - k. ALL INSULATION SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2015, OR LATER, VERSION OF THE INTERNATIONAL ENERGY CONSERVATION CODE, WHICH REQUIRES A MINIMUM INSTALLED R-VALUE OF 6.0 FOR CONDITIONED, COOLED OR HEATED, AND OUTSIDE AIR SYSTEM DUCTWORK AND PLENUMS WHEN LOCATED INSIDE BUILDINGS OR SPACES. INCREASE INSULATION THICKNESS AS REQUIRED TO COMPLY.
  - l. FIRE HAZARD CLASSIFICATION OF INSTALLED DUCT INSULATION SYSTEMS SHALL MEET THE REQUIREMENTS OF ASTM-E-84, FLAME SPREAD OF 25, OR LESS; SMOKE DEVELOPED AND FUEL CONTRIBUTED OF 50, OR LESS. ALL INSULATION SYSTEMS, ADHESIVES, MASTICS, SEALANTS, AND TAPES SHALL BE LISTED AND LABELED IN ACCORDANCE WITH U.L. 181A OR U.L. 181B.
2. DUCTWORK SHALL BE CLASSIFIED FOR CONSTRUCTION STANDARDS, AS FOLLOWS:
- a. ALL DUCTWORK ASSOCIATED WITH ROOF TOP AC UNITS AND ALL EXHAUST DUCTWORK SHALL BE CLASSIFIED AS LOW PRESSURE DUCTWORK, AND SHALL BE CONSTRUCTED TO ONE INCH (1.0") W.G. STANDARDS.
  - b. INSULATED FLEXIBLE ROUND DUCTWORK SHALL BE ALLOWED FOR THE LAST SIX FEET (6'-0") AND FOR FINAL CONNECTIONS TO INDIVIDUAL ROUND NECK AIR DEVICES. ALL BRANCH RUNOUTS TO AIR DEVICES SHALL BE TO THE SAME SIZE AS THE MAINLINE. OTHERWISE, FLEXIBLE INSULATED METAL DUCT SHALL HAVE A DOUBLE LAMINATION OF POLYESTER ENCAPSULATING A STEEL WIRE HELIX WHICH FORMS THE INNER CORE, AND FURTHER ENCLOSED IN ONE INCH (1") THICK FIBERGLASS INSULATION AND SHEATHED IN A FIBERGLASS REINFORCED METALIZED JACKET, EQUAL TO THERMAFLEX M-KC. INSTALL FLEXIBLE DUCT AS STRAIGHT AS POSSIBLE AND MAKE ALL CHANGES IN DIRECTION WITH LONG RADIUS BENDS WITH SUITABLE CLAMPS INSTALLED ON BOTH ENDS. SUPPORT FLEXIBLE DUCT JUST ABOVE EACH DIFFUSER.
  - c. PROVIDE A TWIST-IN FLARED TAP WITH A LOCKING QUADRANT MANUAL VOLUME DAMPER AT ALL NEW MAIN DUCT TAPS AND EXTEND AS SHOWN.
  - d. PROVIDE TURNING VANES INSTALLED IN ALL ELBOWS OF SUPPLY AND RETURN AIR DUCTS AND FLEXIBLE CONNECTIONS AT ALL EQUIPMENT. PROVIDE ONE INCH (1") SPACING AIR EXTRACTORS, OR SPLITTER DAMPERS, WITH EXTERNAL ADJUSTMENTS AT ALL RECTANGULAR BRANCH DUCT TAKE-OFFS TO AIR DEVICES. REFER TO DETAIL SHEET.
  - e. PROVIDE OPENINGS IN WALLS ABOVE CEILING TO PROVIDE MEANS OF RETURN AIR BACK TO AIR HANDLING EQUIPMENT.
3. AIR DEVICES:
- a. FURNISH AND INSTALL SUPPLY, RETURN, AND EXHAUST AIR DEVICES AS INDICATED AND LOCATED ON THE DRAWINGS. AIR DEVICES SHALL BE MANUFACTURED BY TITUS, METAL-AIR, KRUEGER, OR TUTTLE AND BAILEY, AND SHALL BE OF THE CAPACITIES, CHARACTERISTICS, AND SIZES AS INDICATED AND SCHEDULED, AND AS SPECIFIED HEREIN.
  - b. NEW SUPPLY DIFFUSERS SHALL BE LOUVERED FACE LAY-IN TYPE TO MATCH CEILING TILE ACTUALLY INSTALLED. STANDARD FRAME SIZE IS 24" X 24" FACE. UNITS SHALL HAVE ADJUSTABLE DISCHARGE PATTERN. PATTERNS ARE FOUR-WAY BLOW, UNLESS INDICATED OTHERWISE BY AIRFLOW ARROWS. DIFFUSERS SHALL MEET BUILDING STANDARDS SET BY OWNER, AND BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
  - c. NEW RETURN AND EXHAUST AIR GRILLES AND REGISTERS SHALL BE EGGRATE FACE TYPE WITH LAY-IN FRAME. STANDARD FRAME SIZE IS 24" X 24".
  - d. ALL AIR DEVICES COLOR SHALL BE COORDINATED WITH ARCHITECT. GRILLES SHALL MEET BUILDING STANDARDS SET BY THE OWNER, AND BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
  - e. AIR DEVICES SHALL BE LOCATED APPROXIMATELY WHERE SHOWN. FOR EXACT LOCATIONS AND CEILING TYPE REFER TO ARCHITECTURAL REFLECTED CEILING PLAN. FRAME MOUNTING TYPES SHALL BE COMPATIBLE WITH THE CEILING TYPE INDICATED.
4. DISHWASHER EXHAUST DUCT SYSTEM
- a. DISHWASHER EXHAUST DUCTS SHALL BE CONSTRUCTED OF 18-8 STAINLESS STEEL, TYPE 304, AND BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES.
  - b. EXHAUST DUCTS SHALL BE MINIMUM 20 GAUGE THICK (MINIMUM 0.035 INCHES THICK), WHEN CONCEALED ABOVE CEILINGS, WITH CONTINUOUS LIQUID-TIGHT WELDED AND TREATED JOINTS AND SEAMS, USING STAINLESS STEEL RODS, ON THE INTERIOR OR EXTERIOR OF THE DUCT. USE 18 GAUGE THICK STAINLESS STEEL WITH WELDED FINISHED JOINTS WHERE EXPOSED. WELDED JOINTS SHALL BE AT THE TOP EDGES OF THE DUCTWORK.
  - c. DUCTS SHALL SLOPE 1/4" INCH PER FOOT TOWARD THE GRILLE, HOOD OR AN APPROVED RESERVOIR.
  - d. ALL CHANGES IN DIRECTION SHALL BE MADE WITH 1-1/2 TIMES THE DUCT WIDTH TO CENTERLINE RADIUS ELBOWS, NO TURNING VANES OR MITERED FITTINGS WILL BE ALLOWED.
  - e. PROVIDE DUCT ACCESS DOORS EVERY TWENTY FEET (20'), IF REQUIRED, AND AT EACH CHANGE IN DIRECTION FOR DUCT CLEANING PURPOSES. ACCESS DOORS SHALL BE OF WATER TIGHT CONSTRUCTION WITH SUITABLE HINGES AND LATCHES.
  - f. DO NOT INTERNALLY LINE DISHWASHER EXHAUST DUCTWORK.



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THE BAXTER ELEMENTARY SCHOOL

# KITCHEN RENOVATION

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OWP PROJECT NO.	DATE OF ISSUE
2022-110-00	04.28.2022

REVISIONS		
DELTA	DESCRIPTION	DATE

PROJECT TEAM	DRAWN BY
ED TEXAS	RWB

PROJECT PHASE

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CONSTRUCTION DOCUMENTS

SHEET CONTENTS

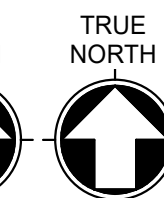
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SPECIFICATIONS -  
MECHANICAL

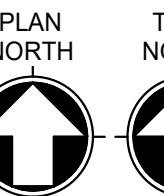
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# M001





**DEMOLITION FLOOR PLAN - LEVEL 1 - KITCHEN - MECHANICAL**  
SCALE: 1/8" = 1'-0"



**FLOOR PLAN - LEVEL 1 - KITCHEN - MECHANICAL**  
SCALE: 1/8" = 1'-0"

- ① TWO 16"x4" DUCT TAKE-OFFS WITH SHOE TAP, TAP IN VERTICAL OFF OF 18"x8" DUCT MAIN. 18"x8" DUCT TRANSITION IN VERTICAL UP TO EXISTING EXHAUST FAN ON ROOF.
- ② 16"x4" EXHAUST AIR DUCT DOWN TO DISHWASHER 16"x4" CONNECTION, TYP. OF 2.

1. THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS REQUIRED FOR RECORD ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY DETERMINE THE EXISTING CONDITIONS OF THE BUILDING AND THE RELATION TO AND EFFECT ON THE WORK REQUIRED BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
2. EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
3. COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND ALL OTHER TRADES TO BE REMOVED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL EFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. THE EXISTING BUILDING SHALL BE DEMOLISHED IN SUCH A MANNER THAT THERE WILL REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
4. PRIOR TO THE REMOVAL OF ANY MPE ITEMS OR EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE SYSTEMS ARE NOT COMMON TO OTHER AREAS OF THE BUILDING THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
5. CONTRACTOR SHALL CONTACT CONTROLS SYSTEMS INSTALLER BEFORE ANY DEMOLITION WORK IS STARTED TO ALLOW THEM TO TAG & IDENTIFY ITEMS TO BE REMOVED AND BE PROTECTED AND ITEMS TO BE REMOVED.
6. DO NOT ABANDON ANY ITEMS IN PLACE. REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED. WHERE ITEMS ARE REMOVED PATCH/REPLACE ROOF, WALLS, CEILING OR FLOOR, AS APPLICABLE, TO MATCH EXISTING FINISHES. WHERE NEW FINISHES ARE CALLED FOR PATCHING SHALL MATCH THE NEW FINISH.
7. CLEAN EXISTING RE-USE EXHAUST AND TRAPPING GRILLES FOR ALL DUST AND DEBRIS.
8. ALL EXISTING SECURITY AND OTHER CEILING MTD DEVICES NOT SHOWN TO BE REPLACED, SHALL REMAIN IN OPERATION DURING CONSTRUCTION AND BE RE-INSTALLED AS NEEDED. TEMPORARILY SUPPORT AS NEEDED.
9. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WITH EXISTING ELECTRICAL, CONDUITS, CIRCUITS, SPRINKLER PIPING, LOW VOLTAGE WIRING, AND DATA TRAYS ABOVE CEILING.
10. FIRE SPRINKLER SYSTEM MUST REMAIN FUNCTIONAL AND ONLINE AT ALL TIMES IF THE SYSTEM IS NOT TO BE REMOVED. CONTRACTOR SHALL BE RESPONSIBLE FOR ITEMS THEY MEET ALL CODES AND STANDARDS TO ISOLATE THE PIPE BRANCH THAT THEY ARE WORKING ON AND PERFORM THE WORK NECESSARY TO BRING THE FIRE SPRINKLER SYSTEM UP TO THE STANDARDS OF THE BUILDING. THE OWNER IS NOT FOR ANY FIRE SPRINKLER PIPING WORK THAT WILL NEED TO BE COMPLETED.

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SHEET CONTENTS

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FLOOR PLAN - LEVEL 1

FLOOR PLAN - LEVEL 1 -  
KITCHEN - HVAC

KITCHEN - TVAC

SHEET NO. \_\_\_\_\_

## M100

M 100



DIVISION 22 PLUMBING SPECIFICATIONS

A. GENERAL

- THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS ARE INTENDED TO DESCRIBE AND ILLUSTRATE SYSTEMS THAT WILL NOT INTERFERE WITH THE ARCHITECTURAL AND STRUCTURAL CONDITIONS OF THE BUILDING, AND WILL FIT INTO AVAILABLE SPACES.
- CAREFULLY LAY OUT ALL WORK TO CONFORM TO THE ARCHITECTURAL, STRUCTURAL, AND FINISH CONDITIONS, AND WITH OTHER TRADES PRIOR TO STARTING ANY WORK, TO AVOID OBSTRUCTIONS AND TO ALLOW THE PROPER INSTALLATION OF EACH ITEM. CONTRACTOR SHALL BECOME FAMILIAR WITH WALL AND PARTITION LOCATIONS, CEILING HEIGHTS, FINISHES, AND OTHER PERTINENT DATA FROM ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL FURTHER BECOME FAMILIAR WITH LOCATIONS OF PIERS, BEAMS, COLUMNS, JOISTS, AND OTHER PERTINENT DATA FROM STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, UTILITY CONNECTION CHARGES, FEES, AND INSPECTIONS. CONTRACTOR SHALL GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS AND CERTIFICATES FOR APPROVAL FROM THE LOCAL AUTHORITIES HAVING JURISDICTION AS REQUIRED FOR THE PARTICULAR CLASS OF WORK INVOLVED.
- EXECUTE ALL WORK IN ACCORDANCE WITH (BASE BUILDING STANDARDS SET FORTH BY THE BUILDING OWNER) AND LOCAL, STATE, NATIONAL, CODES, ORDINANCES, AND OTHER APPLICABLE REGULATIONS GOVERNING THE PARTICULAR CLASS OF WORK INVOLVED. THE GOVERNING CODES ARE MINIMUM REQUIREMENTS AND WHERE THE CONTRACT DOCUMENTS EXCEED CODE REQUIREMENTS, THESE DOCUMENTS SHALL PREVAIL.
- UNLESS SPECIFICALLY DIRECTED OTHERWISE, FURNISH AND INSTALL EACH AND EVERY ITEM CONTAINED IN, AND ASSOCIATED WITH, THE PARTICULAR CLASS OF WORK INVOLVED AS SHOWN ON THE DRAWINGS AND FURTHER DESCRIBED IN THESE SPECIFICATIONS, TOGETHER WITH ALL APPURTENANCES AND INCIDENTALS NECESSARY TO COMPLETE THE WORK. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, LABOR, TRANSPORTATION, TOOLS, STORAGE, CUTTING, PATCHING AND CLEAN-UP.
- LOCATE ALL EQUIPMENT, FIXTURES, DUCTWORK, PIPING, AND OTHER ITEMS IN APPROXIMATE LOCATIONS SHOWN. PROVIDE ANY ADDITIONAL SUPPORTS, HANGERS, AND OPENINGS, AS REQUIRED FOR A COMPLETE AND SATISFACTORILY OPERATING INSTALLATION. COORDINATE ALL WORK TO PROVIDE FOR ALL SERVICE AND ACCESS CLEARANCES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER. ALL EQUIPMENT AND INSTALLATIONS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- THE LOCATIONS, POINTS OF CONNECTION, DIMENSIONAL DATA AND OTHER MEASUREMENTS SHOWN ARE OFFERED AS A GENERAL GUIDE ONLY AND WITHOUT GUARANTEE OF COMPLETE ACCURACY. ALL EXISTING ITEMS SHOWN ARE NOT TAKEN FROM EXISTING "AS-BUILT" DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR SHALL VISIT THE SITE, AND REASONABLY FIELD VERIFY THE WORKING CONDITIONS REQUIRED TO INSTALL THE PARTICULAR CLASS OF WORK INVOLVED. MAKE PROVISIONS IN BID FOR SAME TO ASSURE THAT THE RESULTING INSTALLATION WILL BE COMPLETE, COORDINATED, AND RESULT IN A PROPERLY OPERATING SYSTEM.
- CONTRACTOR SHALL PROVIDE THE OWNER WITH ONE COPY OF THESE DRAWINGS, MARKED WITH ANY ADDITIONS TO, OR DEVIATIONS FROM, THE WORK ILLUSTRATED, TO REPRESENT "AS-BUILT" CONDITIONS.
- CONTRACTOR SHALL GUARANTEE THE ENTIRE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER SUBSTANTIAL COMPLETION.
- COOPERATE WITH OTHER TRADES TO KEEP THE WORK AREA CLEAN AND FREE OF UNNECESSARY MATERIALS OR DEBRIS ON A DAILY BASIS. WHEN WORK IS COMPLETE, REMOVE ALL TOOLS, SCAFFOLDING, MACHINERY, AND DEBRIS. CLEAN ALL DIRT AND DUST FROM ITEMS OF WORK AND BROOM SWEEP THE WORK AREA DAILY.
- COOPERATE WITH THE OWNER'S REPRESENTATIVE AND OTHER TRADES TO MEET THE ESTABLISHED CONSTRUCTION SCHEDULE. SCHEDULE WORK SO AS TO AVOID DELAYING OTHER TRADES.
- PROVIDE PIPING MARKERS FOR THE PIPING SYSTEMS, TO INCLUDE FLOOR ARROWS, EVERY 30' ON CENTER AND 3'-0" BEFORE AND AFTER ELBOWS OR TEES.
- SUBMIT ON ALL EQUIPMENT AND MATERIALS SPECIFIED HEREIN PRIOR TO COMMENCING WITH ANY WORK. FAILURE TO COMPLY WILL RESULT IN REPLACEMENT OF ALL ITEMS FOUND NOT IN COMPLIANCE WITH THESE REQUIREMENTS.
- PROTECT ALL BUILDING COMPONENTS, WALLS, ROOFS, FLOORS, ADJACENT EQUIPMENT, LIGHTING, ETC. ANY ITEMS DAMAGED, OR WHERE FINISHES HAVE BEEN MARRED, SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION AT NO COST TO THE OWNER. ALL ITEMS SOILED IN THE PROGRESS OF WORK SHALL BE CLEANED TO A "LIKE NEW," OR PRE-EXISTING, CONDITION.
- AT TIME OF FINAL INSTALLATION OBSERVATIONS, THE OPERATION OF ALL SYSTEMS OF EQUIPMENT SHALL HAVE BEEN DEMONSTRATED TO PERFORM PROPERLY.
- ANY DISCREPANCIES DISCOVERED BY THE CONTRACTOR DURING BIDDING SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER SO THAT AN ADDENDUM MAY BE ISSUED TO ADDRESS THOSE ITEMS PRIOR TO BIDDING. ANY DISCREPANCIES DISCOVERED AFTER BIDDING, THAT WERE REASONABLE TO HAVE BEEN DISCOVERED, SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
- FOR RENOVATION AND REMODEL WORK, CAREFULLY REMOVE AND PROTECT ALL UNUSED EXISTING FIXTURES/EQUIPMENT, PIPING, DUCTWORK, ELECTRICAL SERVICES, AND ALL OTHER ITEMS ASSOCIATED THEREWITH WHERE INDICATED. COORDINATE WITH OWNERS REPRESENTATIVE PRIOR TO REMOVAL AND DISPOSAL. TO VERIFY WHETHER OWNER DESIRES TO KEEP ANY EXISTING ITEMS AND THE DESIRED MANNER OF DISPOSITION THEREOF. STORE ALL REMOVED ITEMS ON SITE FOR A MINIMUM OF TWO (2) WEEKS, UNLESS INDICATED OTHERWISE BY THE OWNER'S REPRESENTATIVE. TO ALLOW FOR INSPECTION BY THE OWNER. ALL ITEMS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DEMOLITION DRAWINGS.
- EXISTING BUILDING OPERATIONS MUST REMAIN ACTIVATED AT ALL TIMES DURING NORMAL OPERATING HOURS. OBTAIN PERMISSION FROM OWNERS REPRESENTATIVE PRIOR TO SHUTTING-DOWN ANY BUILDING SYSTEM. PROVIDE TEMPORARY CONNECTIONS OF UTILITIES AND AIR CONDITIONING AS NECESSARY TO FACILITATE THE PHASES OF CONSTRUCTION. MAINTAIN AIR DISTRIBUTION AND PIPING SYSTEMS TO OTHER FLOORS OF THE BUILDING OUTSIDE OF THE DEMOLITION AREA. SHUT DOWN OF EXISTING SYSTEMS SHALL OCCUR DURING UNOCCUPIED PERIODS WHERE POSSIBLE.
- PENETRATIONS OF THE CEILINGS, WALLS, OR FLOORS SHALL BE PATCHED, SLEEVED, SEALED, ESCUTCHEONED, AND RESTORED TO THE ORIGINAL FINISH CONDITIONS AND FIRE RATINGS. COORDINATE ALL PENETRATIONS WITH OTHER TRADES.

B. PLUMBING SCOPE OF WORK:

- PROVIDE ALL MATERIALS, EQUIPMENT, AND PAY ALL COSTS CONNECTED WITH THE MODIFICATIONS OF EXISTING PLUMBING SYSTEMS AS SHOWN ON THE DRAWINGS, AND AS HEREINAFTER SPECIFIED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH ALL ITEMS OF MATERIAL AND LABOR, AND ALL OTHER COSTS, TO COMPLETE THE WORK WITHIN THE INTENT OF THESE DRAWINGS, EVEN THOUGH EACH AND EVERY ITEM NECESSARY IS NOT SPECIFICALLY MENTIONED OR SHOWN.
- SUBMIT MANUFACTURER'S BROCHURES ON BASIC MATERIALS AND PLUMBING FIXTURES TO THE ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL.
- ALL WORK SHALL BE AS INDICATED ON THE DRAWINGS AND SHALL INCLUDE, BUT NOT BE LIMITED TO:
  - DOMESTIC COLD WATER SYSTEM, INCLUDING DISTRIBUTION AND BACKFLOW PREVENTION, AS REQUIRED BY CODE AND CONNECTION TO EXISTING WATER SUPPLIES.
  - DOMESTIC HOT WATER SYSTEM, INCLUDING EXTENDING AND CONNECTION TO DISTRIBUTION PIPING.
  - TRIM FOR PLUMBING FIXTURES, INCLUDING SETTING, AND FINAL CONNECTIONS.
  - THERMAL INSULATION OF ALL PIPING SYSTEMS.
  - ROUGH-IN AND FINAL CONNECTIONS FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT FURNISHED BY OTHER TRADES.
  - ALL PERMITS AND FEES.
  - INSPECTION AND TESTING.

C. PLUMBING MATERIALS AND WORKMANSHIP:

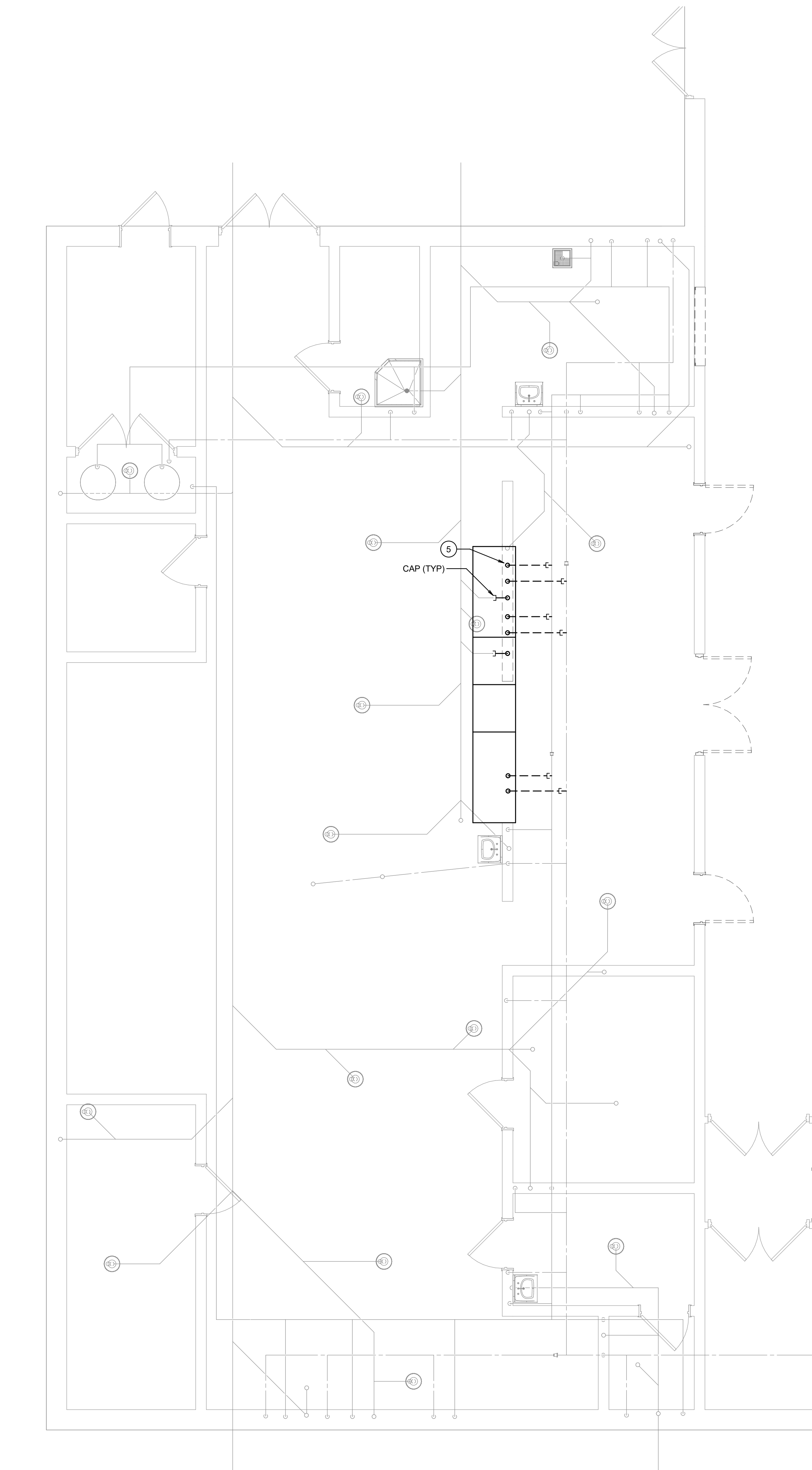
1. UTILITY CONNECTIONS:

- CONTRACTOR SHALL, BEFORE COMMENCEMENT OF THE PROJECT, VERIFY THE LOCATION, DEPTH, SIZE, AND PRESSURE OR GRADE OF ALL EXISTING BUILDING UTILITY LINES TO WHICH CONNECTIONS FOR SERVICE ARE TO BE MADE. IF, FOR ANY REASON, CONDITIONS APPEAR TO AFFECT THE LOCATION, DEPTH, SIZE, OR PRESSURE OR GRADE AND OPERATION OF THESE SYSTEMS, SUCH CONDITIONS SHALL BE REPORTED TO THE PROJECT COORDINATOR IN WRITING FOR RESOLUTION THEREBY.

2. SANITARY SEWER/VENT SYSTEM:

- FURNISH AND INSTALL A COMPLETE SANITARY SYSTEM OF SOIL, WASTE, AND VENT PIPING FOR ALL NEW AND RELOCATED FIXTURES, DRAINS, EQUIPMENT DISCHARGES, ETC., AS SHOWN ON THE DRAWINGS AND HEREINAFTER SPECIFIED. ALL PIPING SHALL RUN STRAIGHT AS POSSIBLE AND BE INSTALLED TO GRADE A MINIMUM OF 1/4" PER FOOT FOR PIPING 3" AND SMALLER, AND 1/8" PER FOOT FOR PIPING 4" AND LARGER, UNLESS NOTED OTHERWISE. INSTALL THE SYSTEM IN ACCORDANCE WITH ALL LOCAL CODES.
- SANITARY SYSTEM WASTE AND VENT PIPING SHALL BE CISPI 301, OR ASTM B898 SERVICE WEIGHT ASPHALTUM COATED CAST IRON SOIL PIPE AND ASTM A74 SERVICE WEIGHT CAST IRON FITTINGS. JOINTS SHALL BE MADE WITH A STAINLESS STEEL CORRUGATED SHIELD AND CLAMP ASSEMBLY OVER ONE PIECE NEOPRENE SEALING SLEEVE. CLAMP-ALL "HI-TORQ 80" OR HUSKY SD-2000. CONTRACTOR SHALL INSTALL ALL UNDERGROUND SANITARY PIPING WITH POLY VINYL CHLORIDE (PVC) SCHEDULE 40, 60, 80, 120, 140, 160, 180, 200, 240, 288, 360, 480, 600, 720, 840, 960, 1080, 1200, 1440, 1680, 1920, 2160, 2400, 2640, 2880, 3120, 3360, 3600, 3840, 4080, 4320, 4560, 4800, 5040, 5280, 5520, 5760, 6000, 6240, 6480, 6720, 6960, 7200, 7440, 7680, 7920, 8160, 8400, 8640, 8880, 9120, 9360, 9600, 9840, 10080, 10320, 10560, 10800, 11040, 11280, 11520, 11760, 12000, 12240, 12480, 12720, 12960, 13200, 13440, 13680, 13920, 14160, 14400, 14640, 14880, 15120, 15360, 15600, 15840, 16080, 16320, 16560, 16800, 17040, 17280, 17520, 17760, 18000, 18240, 18480, 18720, 18960, 19200, 19440, 19680, 19920, 20160, 20400, 20640, 20880, 21120, 21360, 21600, 21840, 22080, 22320, 22560, 22800, 23040, 23280, 23520, 23760, 24000, 24240, 24480, 24720, 24960, 25200, 25440, 25680, 25920, 26160, 26400, 26640, 26880, 27120, 27360, 27600, 27840, 28080, 28320, 28560, 28800, 29040, 29280, 29520, 29760, 30000, 30240, 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PLAN NORTH TRUE NORTH  
1 DEMOLITION FLOOR PLAN - LEVEL 1 - OVERALL - PLUMBING  
SCALE: 1/4" = 1'-0"

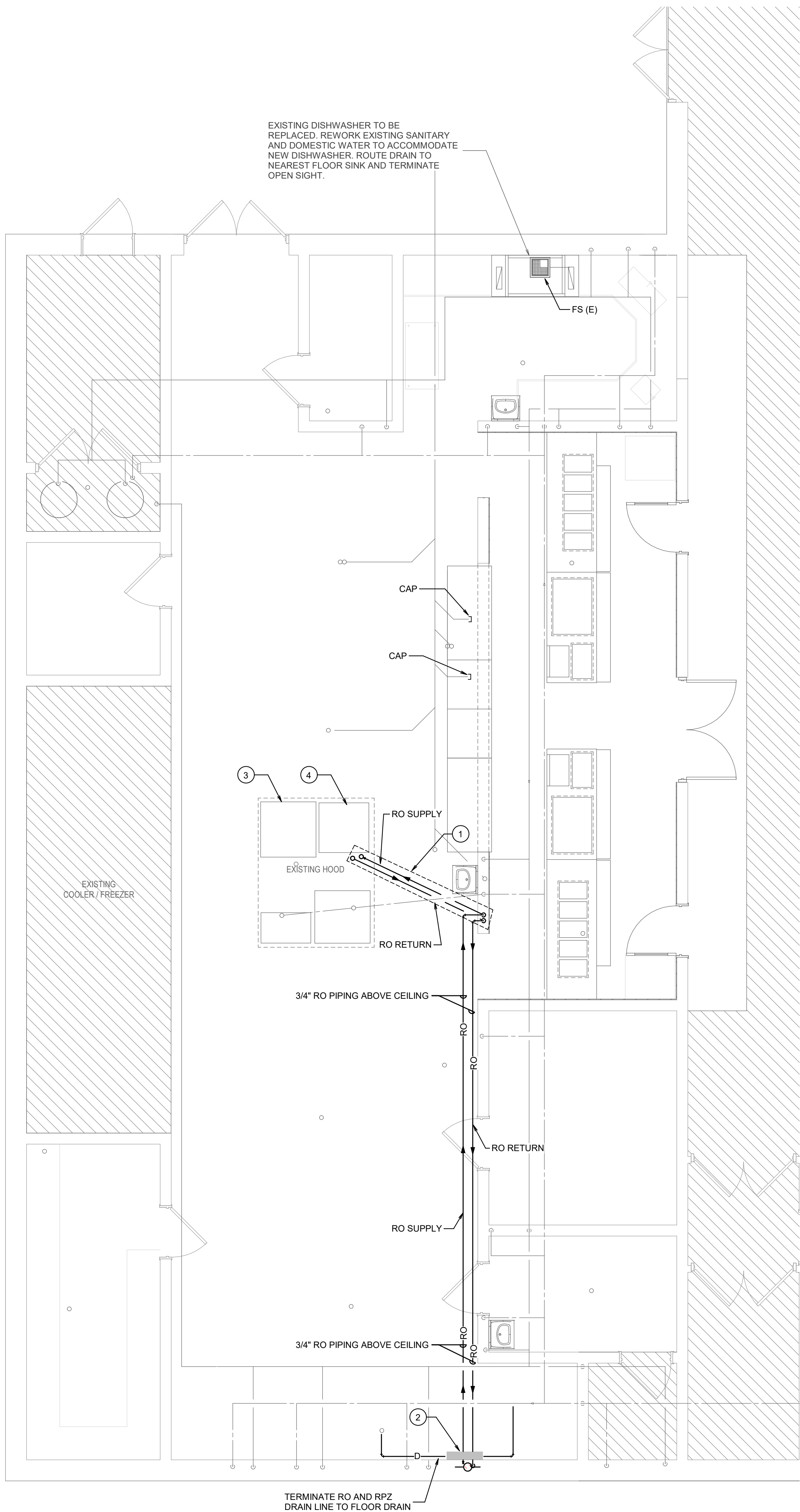
#### GENERAL FIRE SPRINKLER REWORK NOTE:

- CONTRACTOR SHALL REWORK EXISTING WET SPRINKLER SYSTEM AS REQUIRED TO ACCOMMODATE AREAS OF NEW CONSTRUCTION, INCLUDING ALL AREAS OF RENOVATION, AREAS OF THE EXISTING BUILDING NOT CURRENTLY SPRINKLERED AND ADDITIONS. CONTRACTOR SHALL REWORK THE EXISTING FIRE RISER, FIRE HEADER, FIRE MAIN, DISTRIBUTION PIPING AND BRANCH PIPING AS REQUIRED IN ORDER TO ACCOMMODATE THE RENOVATED AREAS, AREAS OF NEW CONSTRUCTION AND AREAS OF THE BUILDING NOT CURRENTLY SPRINKLERED. RELOCATE AND / OR REPLACE EXISTING SPRINKLER MAINS, BRANCH PIPING AND SPRINKLERS AS REQUIRED TO ACCOMMODATE CONSTRUCTION. PROVIDE NEW SPRINKLERS AS NECESSARY FOR COMPLETE COVERAGE. WHERE SPRINKLER PIPING IS REMOVED DISCONNECT & CAP ABOVE CEILING. CONTRACTOR SHALL FIELD VERIFY SCOPE OF WORK PRIOR TO BID SUBMITTAL.

PLUMBING EQUIPMENT ROUGH-IN CONNECTIONS ARE BASED ON ARCHITECT-PROVIDED EQUIPMENT SELECTIONS AND CUTSHEETS. CONTRACTOR TO REVIEW CUTSHEETS, CONFIRM CONNECTION REQUIREMENTS, AND FIELD VERIFY FIELD CONDITIONS AND REQUIREMENTS PRIOR TO PLUMBING ROUGH-IN. CONTRACTOR SHALL SUBMIT ANY AND ALL REQUIRED PLUMBING ROUGH-IN CONNECTION CHANGES TO ENGINEER PRIOR TO PLUMBING ROUGH-IN.

#### NOTES BY SYMBOL 'O':

- SAWCUT EXISTING PIPING TO ACCOMMODATE NEW RO SYSTEM PIPING BELOW GRADE. ROUTE RO PIPING IN 3" PVC SLEEVE BELOW FLOOR. REFER TO DETAIL '01' ON SHEET P000.
- RO ASSEMBLY AND RPZ. MOUNT RO ASSEMBLY ABOVE RPZ MAX 6'-0" AFF. REFER TO DETAIL '02' ON SHEET P000 FOR RPZ DETAIL.
- EXISTING BRAISING PAN AND STEAMER TO BE REPLACED. REWORK EXISTING DOMESTIC WATER AND DRAIN PIPING TO ACCOMMODATE NEW EQUIPMENT.
- EXISTING COMBI OVEN TO BE REPLACED. REWORK EXISTING DOMESTIC WATER AND DRAIN PIPING TO ACCOMMODATE NEW EQUIPMENT.
- EXISTING THREE COMPARTMENT SINK TO BE REMOVED AND RETURNED TO OWNER. REMOVE ASSOCIATED EXISTING SANITARY SEWER PIPING AND CAP BELOW FLOOR. REMOVE ASSOCIATED EXISTING VENT AND DOMESTIC WATER PIPING AND CAP ABOVE CEILING AT WATER MAIN.



PLAN NORTH TRUE NORTH  
2 FLOOR PLAN - LEVEL 1 - OVERALL - PLUMBING  
SCALE: 1/4" = 1'-0"



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DATE: 04/01/2024 11:11 AM  
PLOT SCALE: 1" = 1'-0"

GENERAL DEMOLITION NOTES:

1. THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BECOME INFORMED AS TO THE RELATION TO AND EFFECT ON THE WORK REQUIRED BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
2. EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
3. COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL AFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. CONTRACTOR SHALL VERIFY WITH THE OWNER IF THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
4. PRIOR TO THE REMOVAL OF ANY MPE ITEMS OF EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE ITEMS BEING REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
5. REFER TO ARCHITECTURAL DRAWINGS FOR OTHER DEMOLITION INFORMATION TO INCLUDE PHASING OF WORK AND CONSTRUCTION SCHEDULE.
6. DO NOT ABANDON ANY ITEMS IN PLACE. REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED.
7. REMOVE ELECTRICAL CONNECTIONS TO EXISTING MECHANICAL AND PLUMBING EQUIPMENT BEING REMOVED. REFER TO MECHANICAL AND PLUMBING PLANS FOR EQUIPMENT TO BE REMOVED.

GENERAL LOW VOLTAGE NOTES:

1. PRIOR TO COMMENCING ANY DEMOLITION WORK, ALL LOW VOLTAGE SYSTEMS (PA & PAGING, FIRE ALARM, NETWORK, SECURITY CAMERAS) ARE TO BE OPERATIONALLY TESTED BY THE OWNER AND WITNESSED BY THE CONTRACTOR, AND ANY DEFICIENCIES SHALL BE NOTED.
2. ALL DEVICES NOT SHOWN TO BE REMOVED, SHALL BE PROTECTED FROM DUST, DEBRIS AND DAMAGE DURING CONSTRUCTION.
3. ALL FIRE ALARM WORK TO BE PERFORMED BY A STATE OF TEXAS LICENSED FIRE ALARM INSTALLER.

GENERAL POWER NOTES:

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE AND LOCAL CODES, RULES, REGULATIONS AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. ALL WORK SHALL COMPLY WITH THE BUILDING OWNER'S CONSTRUCTION GUIDELINES.
3. ALL CIRCUITS SHOWN SHALL BE 120V, 20A CIRCUITS UNLESS NOTED OTHERWISE.
4. ALL CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
5. ALL 120V RUNS LONGER THAN 60' SHALL BE #10 AWG UNLESS NOTED OTHERWISE ON THE PLANS.
6. ALL CONDUCTORS SHALL BE COPPER (#10 AND SMALLER SHALL BE SOLID).
7. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT CONDUCTOR SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS NOTED OTHERWISE.
8. PANELBOARD DIRECTORIES SHALL BE COMPLETELY FILLED OUT TO ACCURATELY IDENTIFY EACH CIRCUIT (EXISTING AND NEW CIRCUITS) IN ALL PANELS WITHIN SCOPE OF WORK. DIRECTORIES SHALL BE TYPEWRITTEN.
9. ELECTRICAL CONTRACTOR SHALL PROVIDE A 4"x4"x5/8" STEEL JUNCTION BOX WITH SINGLE GANG MUD RING AND 1" METAL CONDUIT TO A MINIMUM OF 4" ABOVE FINISHED CEILING IN ACCESSIBLE CEILING FOR ALL TEL/DATA DEVICES SHOWN ON DRAWINGS. COORDINATE EXACT DEVICE LOCATION WITH OWNERS I.T. REPRESENTATIVE AND ARCHITECT. PROVIDE A PULL STRING INSTALLED FOR FUTURE USE. PULL STRING SHALL BE SECURED AT EACH END TO PREVENT ACCIDENTAL REMOVAL.
10. WHERE SHOWN, THE NUMBER DESIGNATION SHOWN AT WALL VOICE/DATA OUTLETS IS FOR OWNERS QUANTITY OF CABLE DROPS.
11. DO NOT MOUNT THE POWER AND/OR TELEPHONE/DATA JUNCTION BOXES BACK TO BACK IN THE WALL.
12. REFER TO MECHANICAL FLOOR PLANS FOR WALL MOUNTED THERMOSTAT, SENSOR AND ALL OTHER CONTROL DEVICE LOCATIONS. PROVIDE FLUSH, GALVANIZED STEEL WALL MOUNTED JUNCTION BOX WITH 3/4" EMT CONDUIT AND NYLON PULL STRING TO 4" ABOVE ACCESSIBLE CEILING FOR EACH DEVICE.
13. ALL DEVICES SHALL BE MOUNTED AS INDICATED ON THE ARCHITECTURAL DRAWINGS. COORDINATE EXACT MOUNTING LOCATIONS, HEIGHTS AND ORIENTATIONS WITH ARCHITECTURAL DRAWINGS.
14. ALL RECEPTACLES MOUNTED IN KITCHENS, RESTROOMS, AT COUNTERS CONTAINING SINKS, OUTSIDE THE BUILDING OR SERVING VENDING MACHINES SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER(GFCI) PROTECTION.
15. ELECTRIC CONNECTIONS TO PANELBOARDS AND BUS DUCTS SHALL BE MADE ONLY WHEN PANELBOARD OR BUS DUCT HAS BEEN DE-ENERGIZED.
16. ALL ELECTRICAL PANELS AND TRANSFORMERS SHALL HAVE PERMANENT ENGRAVED LABELS ON COVER INDICATING PANEL OR TRANSFORMER DESIGNATION.
17. ELECTRICAL CONTRACTOR SHALL X-RAY SLAB PRIOR TO ANY CORE-DRILLING.
18. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ALL MOTOR STARTERS AND CONTROL PANEL LOCATIONS.
19. THE CONTRACTOR SHALL UPDATE ROOM NAMES AND ROOM NUMBERS ON FINAL PANEL SCHEDULES TO REFLECT FINAL BUILDING CONDITIONS.
20. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES, SYMBOLS AND DETAILS.

GENERAL LIGHTING NOTES:

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE AND LOCAL CODES, RULES, REGULATIONS.
2. ALL WORK SHALL COMPLY WITH THE BUILDING OWNER'S CONSTRUCTION GUIDELINES.
3. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
5. WHEN SPECIFIC LIGHT FIXTURE TYPE HAS BEEN SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE OF ALL PARTS AND HARDWARE.
6. CONTRACTOR SHALL COORDINATE LIGHT FIXTURE MOUNTING FRAMES AND ACCESSORIES WITH THE CEILING TYPE ACTUALLY BEING FURNISHED. REFER TO FINAL ARCHITECTURAL REFLECTED CEILING PLAN AND RELATED SUBMITTALS PRIOR TO CONFIRMING MOUNTING FRAMES AND ACCESSORIES. LIGHT FIXTURE SUBMITTALS SHALL BE BASED ON THIS LEVEL OF COORDINATION OCCURRING PRIOR TO SUBMITTALS BEING GENERATED BY THE CONTRACTOR.
7. ALL CIRCUITS SHOWN SHALL BE 277V, 20A CIRCUITS UNLESS NOTED OTHERWISE.
8. ALL CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
9. ALL 120V RUNS LONGER THAN 60' SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150' SHALL BE #10 AWG UNLESS NOTED OTHERWISE ON PLANS.
10. ALL CONDUCTORS SHALL BE COPPER (#10 AND SMALLER SHALL BE SOLID).
11. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS NOTED OTHERWISE.
12. MOUNT LIGHT SWITCHES AS INDICATED ON ARCHITECTURAL DRAWINGS (48" AFF UNLESS NOTED OTHERWISE).
13. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANG BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANG BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
14. EMERGENCY LIGHTING FIXTURES WITH BATTERY PACKS DESIGNED TO BE SWITCHED SHALL BE CONNECTED TO AREA LIGHTING HOT LEG AND SWITCH LEG TO ALLOW LAMPS TO BE CONTROLLED FROM LOCAL WALL SWITCH AND ILLUMINATE UPON POWER FAILURE.
15. COORDINATE LOCATIONS OF LIGHTING FIXTURES IN MECHANICAL ROOMS TO AVOID CONFLICTS WITH DUCTWORK, PIPING, ETC.
16. CONTRACTOR SHALL PROVIDE ALL REQUIRED SWITCH PACKS, MOTION SENSORS AND ASSOCIATED WIRING TO CONTROL EACH ROOM AS SHOWN. SWITCH PACKS SHALL BE LOCATED ABOVE THE CEILING.
17. FIXTURES DESIGNATED "NL" SHALL REMAIN ON AT ALL TIMES FOR NIGHT LIGHTING.
18. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES, SYMBOLS AND DETAILS.

LIGHTING LEGEND		
		CEILING MOUNTED EXIT LIGHT ASSEMBLY (SINGLE OR DOUBLE FACE)
		WALL MOUNTED EXIT LIGHT ASSEMBLY (SINGLE OR DOUBLE FACE)
		CEILING MOUNTED LIGHT FIXTURE (HATCHING INDICATES EMERGENCY FIXTURE)
		WALL MOUNTED LIGHT FIXTURE (HATCHING INDICATES EMERGENCY FIXTURE)
		PENDANT/SUSPENDED LIGHT FIXTURE (HATCHING INDICATES EMERGENCY FIXTURE)
		CEILING MOUNTED RECTANGULAR LIGHT FIXTURE (HATCHING INDICATES EMERGENCY FIXTURE)
		WALL MOUNTED RECTANGULAR LIGHT FIXTURE (HATCHING INDICATES EMERGENCY FIXTURE)
		PENDANT/SUSPENDED RECTANGULAR LIGHT FIXTURE (HATCHING INDICATES EMERGENCY FIXTURE)
		POLE MOUNTED OUTDOOR AREA LIGHT FIXTURE (SINGLE OR MULTIPLE HEADS PER POLE)
		TRACK LIGHT FIXTURE (LENGTH OF TRACK AS INDICATED ON DRAWINGS, NUMBER OF HEADS AS SPECIFIED)
		POLE SWITCH - SINGLE / THREE WAY / FOUR WAY
		DIMMER SWITCH
		KEYED SWITCH
		MANUAL MOTOR STARTER
		TIMER SWITCH
		SWITCH WITH PILOT LIGHT
		LOW VOLTAGE SCENE SWITCH
		SWITCH WITH SWITCH LEG DESIGNATION
		SWITCH WITH OCCUPANCY SENSOR
		MOTION OCCUPANCY/VACANCY SENSOR - WALL / CEILING MOUNTED
		PHOTOCELL
		LOW-VOLTAGE LIGHTING CONTROL STATION
		ROOM CONTROLLER
		UL 924 DEVICE

NOT ALL SYMBOLS USED

RISER DIAGRAM LEGEND	
	TRANSFORMER
	METER
	GROUND CONNECTION
	CIRCUIT BREAKER
	DRAW-OUT CIRCUIT BREAKER
	FUSED SWITCH
	NON-FUSED DISCONNECT
	AUTOMATIC TRANSFER SWITCH
	GENERATOR
	HEATER CONNECTION

NOT ALL SYMBOLS USED

SPECIAL SYSTEMS LEGEND	
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM AUDIO/VISUAL DEVICE - WALL / CEILING MOUNTED
	FIRE ALARM STROBE ASSEMBLY - WALL / CEILING MOUNTED
	SMOKE DETECTOR - WALL / CEILING MOUNTED
	DUCT MOUNTED SMOKE DETECTOR
	HEAT DETECTOR - WALL / CEILING MOUNTED
	FIRE ALARM SPRINKLER SYSTEM WATER FLOW SENSOR
	FIRE ALARM SPRINKLER SYSTEM VALVE TAMPER SENSOR
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	EMERGENCY GENERATOR ANNUNCIATOR PANEL
	WALL MOUNTED TELEPHONE OUTLET
	DATA OUTLET - WALL / FLUSH FLOOR / CEILING MOUNTED
	WALL MOUNTED DATA/TELEPHONE OUTLET
	CEILING MOUNTED WIRELESS ACCESS POINT
	WALL MOUNTED SYSTEM CLOCK - SINGLE / DOUBLE FACE
	SPEAKER ASSEMBLY - WALL / CEILING MOUNTED
	MICROPHONE OUTLET - WALL / CEILING MOUNTED
	AV BOX - WALL / CEILING MOUNTED
	VOLUME CONTROL
	SECURITY SYSTEM KEYPAD
	SECURITY SYSTEM MOTION SENSOR - WALL / CEILING MOUNTED
	SECURITY SYSTEM DOOR MAGNETIC LOCK
	SECURITY SYSTEM CAMERA
	SECURITY SYSTEM CARD READER
	INTERCOM
	GLASS BREAK DETECTOR
	SECURITY SYSTEM JUNCTION BOX
	SECURITY SYSTEM DOOR CONTACT
	DOORBELL/PUSHBUTTON
	BELL

NOT ALL SYMBOLS USED

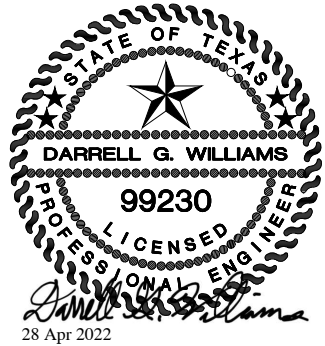
POWER LEGEND	
	RACEWAY IN WALL OR ABOVE CEILING
	RACEWAY IN OR BELOW FLOOR
	HOMERUN - LETTER(S) DENOTES PANEL NAME NUMBER DENOTES CIRCUIT NUMBER
	DENOTES DEVICE MOUNTED ABOVE COUNTER
	DENOTES WEATHERPROOF DEVICE
	DENOTES GROUND FAULT INTERRUPTING DEVICE
	DUPLEX RECEPTACLE - WALL / FLOOR / CEILING MOUNTED
	QUADRAPLEX RECEPTACLE - WALL / FLOOR / CEILING MOUNTED
	ISOLATED GROUND DUPLEX RECEPTACLE
	ISOLATED GROUND QUADRUPLEX RECEPTACLE
	PLUG LOAD CONTROLLED DUPLEX - HALF CONTROLLED / FULLY CONTROLLED
	PLUG LOAD CONTROLLED QUADRUPLEX - HALF CONTROLLED / FULLY CONTROLLED
	SIMPLEX RECEPTACLE
	SINGLE PHASE 3 WIRE GROUNDED RECEPTACLE (NUMBER INDICATES AMPERAGE RATING)
	SPECIAL RECEPTACLE (NUMBER DENOTES AMPERAGE RATING)
	USB RECEPTACLE
	USB COMBO RECEPTACLE - DUPLEX / QUADRUPLEX
	ISOLATED GROUND USB COMBO RECEPTACLE - DUPLEX / QUADRUPLEX
	PLUG LOAD CONTROLLED USB COMBO - HALF CONTROLLED / FULLY CONTROLLED
	POKE-THRU DEVICE
	JUNCTION BOX - WALL / FLOOR / CEILING MOUNTED
	POWER/DATA SURFACE RACEWAY
	POWER/DATA POWER POLE
	CONTROL DEVICE
	PLUG LOAD CONTROL DEVICE
	SCOREBOARD FLUSH FLOOR BOX
	MOTOR CONNECTION
	MOTOR STARTER
	DISCONNECT SWITCH
	DISCONNECT SWITCH - FUSED
	VARIABLE FREQUENCY DRIVE (VFD)
	480V PANELBOARD
	208V PANELBOARD
	DISTRIBUTION PANELBOARD
	DRY-TYPE TRANSFORMER

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KITCHEN RENOVATION

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DELTA DESCRIPTION DATE

PROJECT TEAM DRAWN BY  
ED TEXAS RWB

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
ELECTRICAL GENERAL  
NOTES & LEGEND

SHEET NO.

E000







GENERAL DEMOLITION NOTES:

1. REFER TO GENERAL DEMOLITION NOTES ON SHEET E000.

DEMOLITION NOTES BY SYMBOL '○':

1. DISCONNECT AND REMOVE POWER FOR BOOSTER HEATER ALONG WITH ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
2. DISCONNECT AND REMOVE POWER FOR EXISTING DISHWASHER ALONG WITH ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
3. DISCONNECT AND REMOVE POWER FOR EXISTING DISPOSER ALONG WITH ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
4. DISCONNECT AND REMOVE POWER FOR EXISTING SINK HEATER ALONG WITH ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
5. DISCONNECT AND REMOVE POWER FOR EXISTING PASS THRU HEATED CABINET ALONG WITH ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
6. DISCONNECT AND REMOVE POWER FOR EXISTING PASS THRU REFRIGERATED CABINET ALONG WITH ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
7. DISCONNECT AND REMOVE POWER FOR EXISTING BRAISING PAN ALONG WITH ASSOCIATED WIRE BACK TO SOURCE.

DEMOLITION NOTES BY SYMBOL '○':

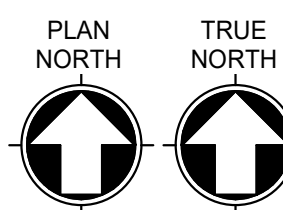
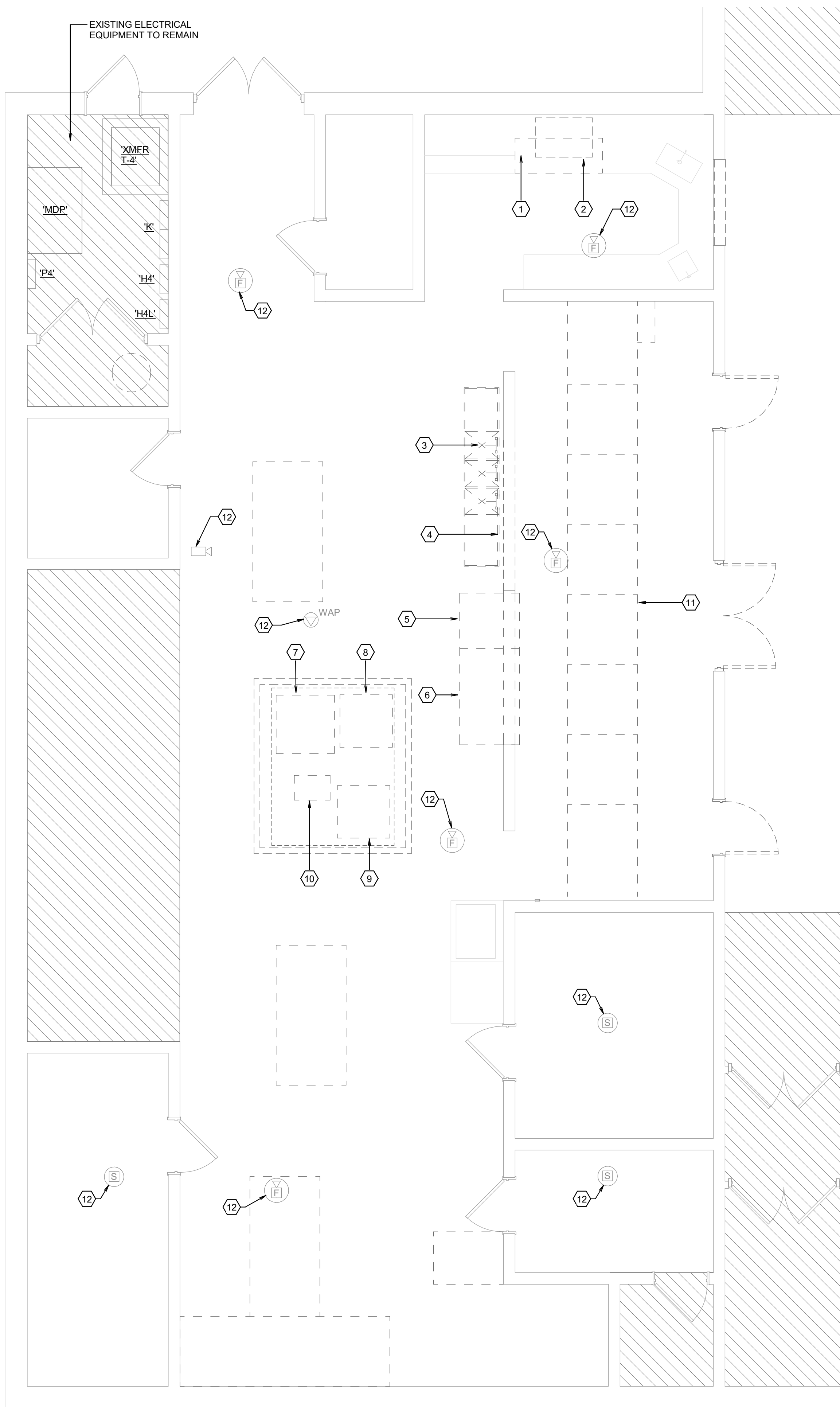
8. DISCONNECT AND REMOVE POWER FOR EXISTING COMBI DOUBLE OVEN ALONG WITH ASSOCIATED WIRE BACK TO SOURCE.
9. DISCONNECT AND REMOVE POWER FOR EXISTING CONVECTION OVEN ALONG WITH ASSOCIATED WIRE BACK TO SOURCE.
10. DISCONNECT AND REMOVE POWER FOR EXISTING CONVECTION STEAMER ALONG WITH ASSOCIATED WIRE BACK TO SOURCE.
11. DISCONNECT AND REMOVE POWER FOR EXISTING SERVING LINE ALONG WITH ASSOCIATED WIRE BACK TO SOURCE.
12. TEMPORARILY SUPPORT ALL CEILING MOUNTED FIRE ALARM DEVICES AND OTHER LOW VOLTAGE DEVICES DURING THE REPLACEMENT OF EXISTING CEILING. PROTECT DEVICES FROM DEBRIS AND DAMAGE DURING RENOVATION. REINSTALL ON NEW CEILING.

GENERAL POWER NOTES:

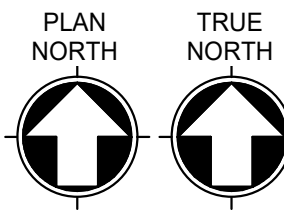
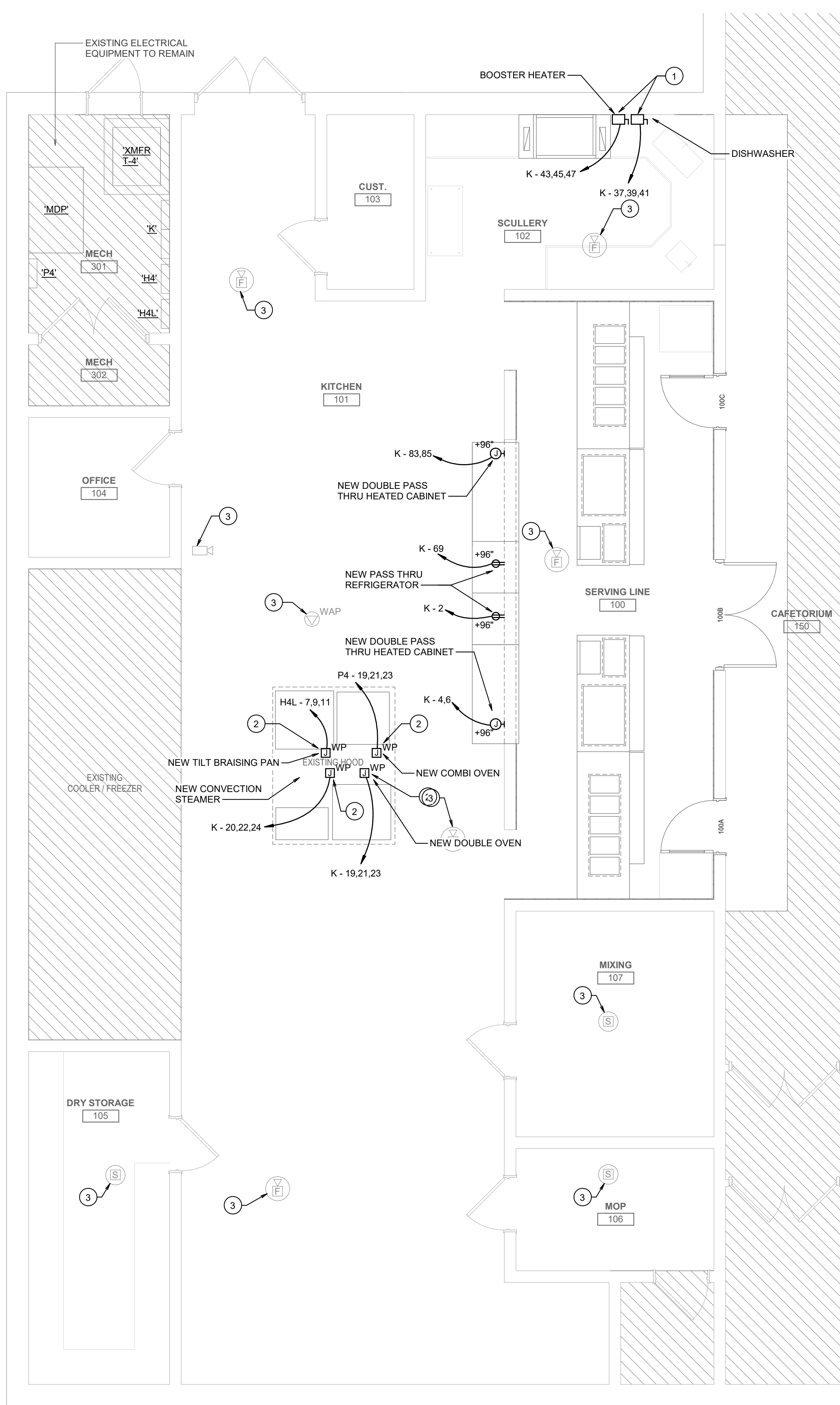
1. REFER TO GENERAL POWER NOTES ON SHEET E000.

NOTES BY SYMBOL '○':

1. PROVIDE NEW STAINLESS STEEL DISCONNECT SWITCHES.
2. REUSE EXISING FLOOR STUB-UP CONDUIT FOR NEW KITCHEN EQUIPMENT.
3. TEMPORARILY SUPPORT ALL CEILING MOUNTED FIRE ALARM DEVICES AND OTHER LOW VOLTAGE DEVICES DURING THE REMOVAL AND REPLACEMENT OF EXISTING CEILING. PROTECT DEVICES FROM DEBRIS AND DAMAGE DURING RENOVATION. REINSTALL ON NEW CEILING.



2 DEMOLITION FLOOR PLAN - LEVEL 1 - OVERALL - ELECTRICAL  
SCALE: 1/4" = 1'-0"

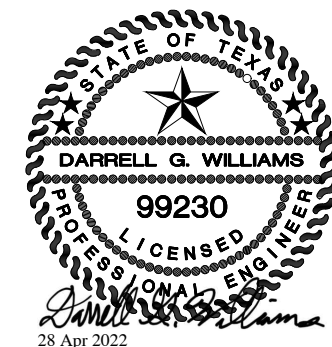


1 FLOOR PLAN - LEVEL 1 - OVERALL - ELECTRICAL  
SCALE: 1/4" = 1'-0"



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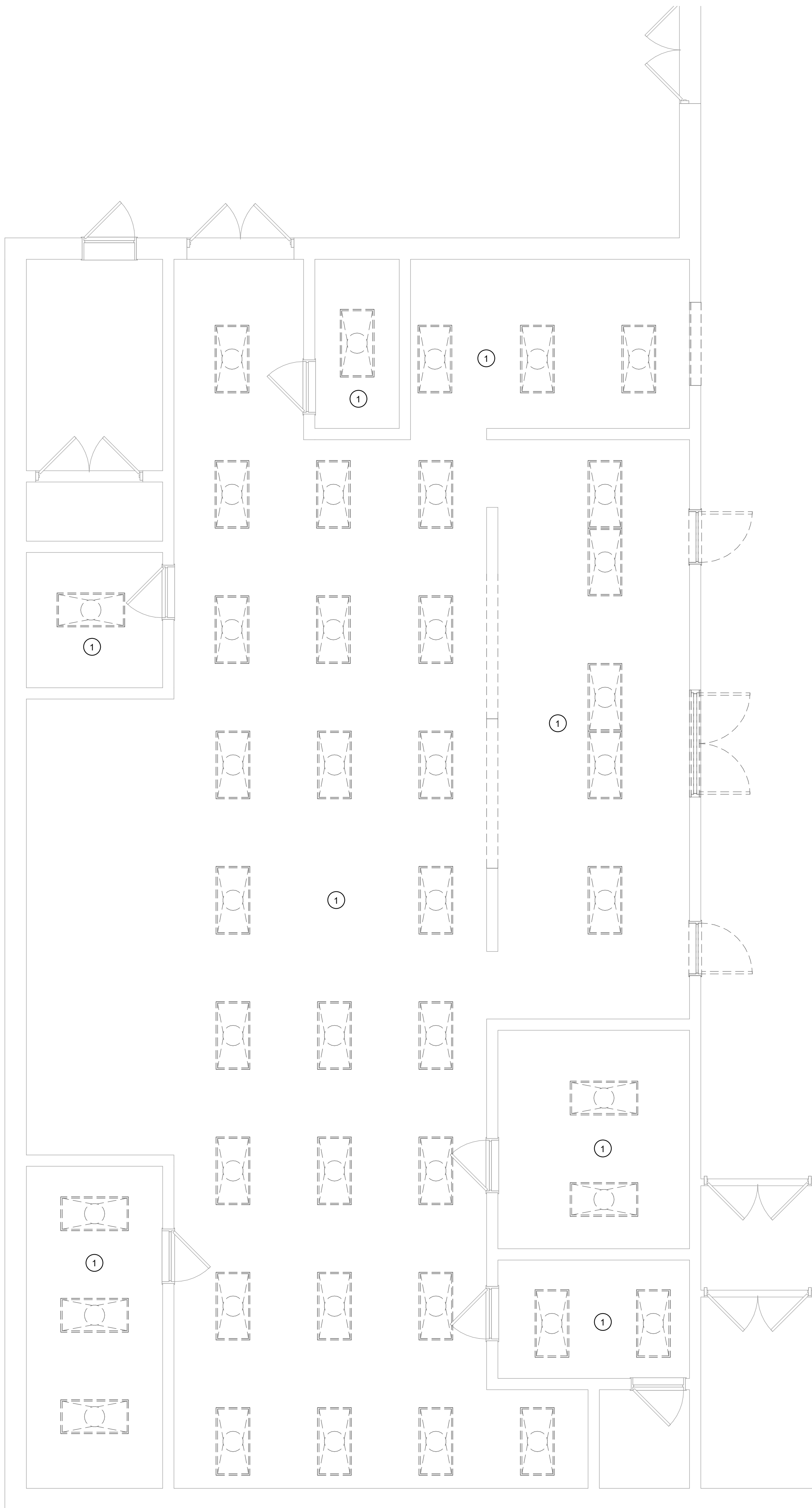
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - LEVEL 1 - ELECTRICAL

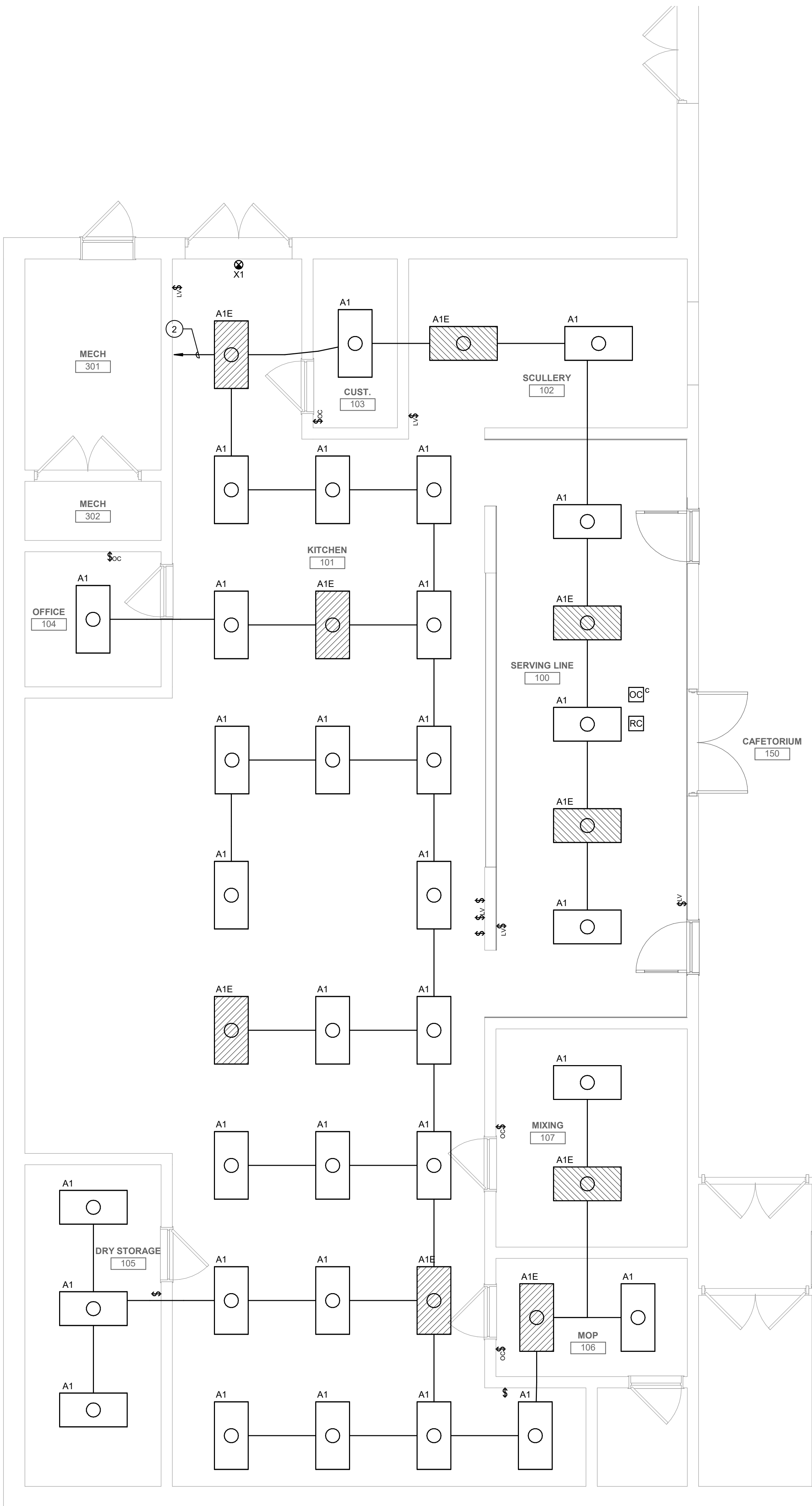
SHEET NO.

E100

R:\E200\Kitchen\Kitchen.dwg 2022-11-03 11:28 AM  
DWG: E200-11-03-11-28 AM  
PLOT SCALE: 1/4" = 1'-0"



PLAN NORTH TRUE NORTH  
**1** DEMOLITION FLOOR PLAN - LEVEL 1 - OVERALL - LIGHTING  
SCALE: 1/4" = 1'-0"



PLAN NORTH TRUE NORTH  
**2** FLOOR PLAN - LEVEL 1 - OVERALL - LIGHTING  
SCALE: 1/4" = 1'-0"

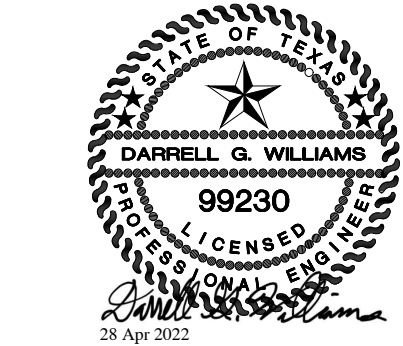
NOTES BY SYMBOL 'O':

- EXISTING LIGHTING FIXTURES, OCCUPANCY SENSORS, AND LIGHT SWITCHES IN THIS AREA SHALL BE DISCONNECTED AND REMOVED. DISCONNECT AFFECTED LIGHTING FIXTURES AND DEVICES FROM EXISTING BRANCH CIRCUITRY. REMOVE ALL CONDUIT AND WIRING BETWEEN DEMOLISHED FIXTURES. EXISTING LIGHTING BRANCH CIRCUIT HOMERUN WIRING IN THIS ROOM SHALL REMAIN FOR RE-USE AND CONNECTION TO NEW LIGHTING FIXTURES.
- CONNECT NEW LIGHTING FIXTURES INDICATED FOR THIS ROOM TO THE EXISTING 120V LIGHTING BRANCH CIRCUIT SERVING THIS AREA, MADE AVAILABLE BY DEMOLITION OF EXISTING LIGHTING FIXTURES. WITH 2#12, 1#12G, 3/4" C. MINIMUM. FIELD VERIFY CIRCUIT AVAILABILITY PRIOR TO WORK AND UPDATE EXISTING PANEL SCHEDULE(S) AS REQUIRED PER CODE.

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Fax: 972.788.4226  
Project: 2022-11-03

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CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
FLOOR PLAN - LEVEL 1 - LIGHTING

SHEET NO.

E200





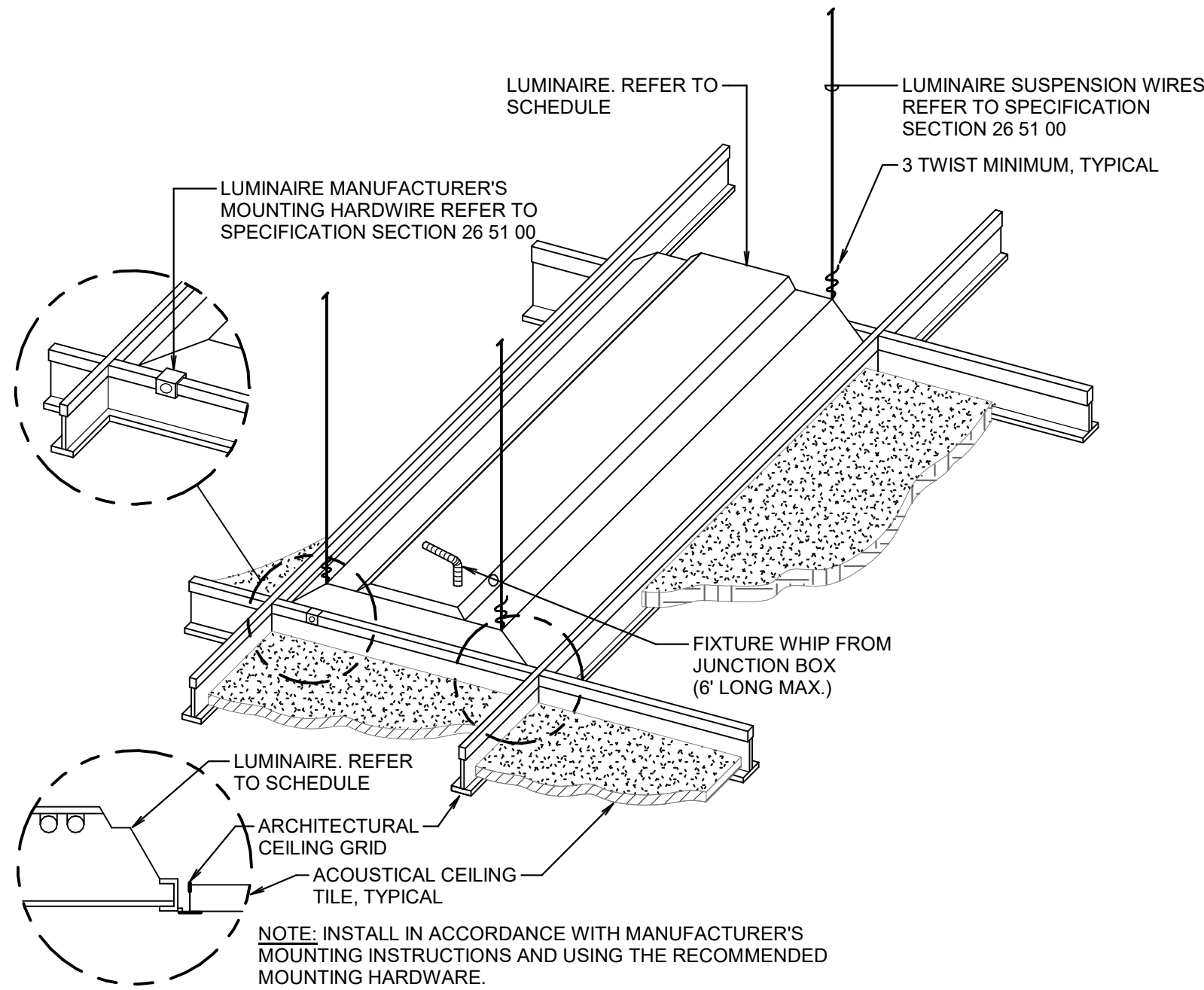
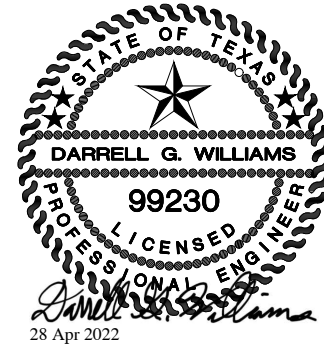
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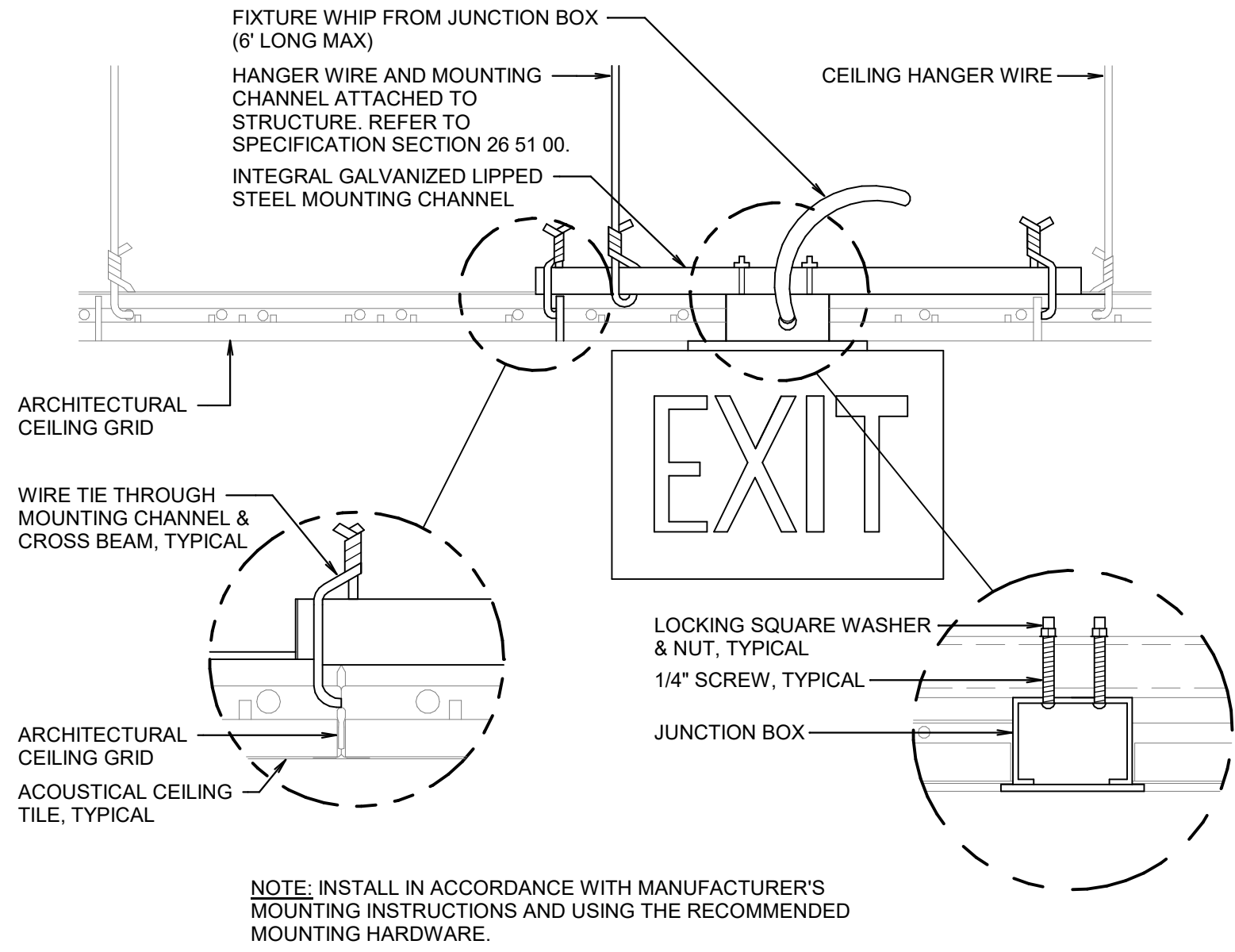
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1 LAY-IN CEILING LUMINAIRE MOUNTING DETAIL  
NO SCALE



2 LAY-IN CEILING EXIT SIGN MOUNTING DETAIL  
NO SCALE

T E BAXTER ELEMENTARY SCHOOL

# KITCHEN RENOVATION

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SHEET CONTENTS  
ELECTRICAL DETAILS

SHEET NO.

E600





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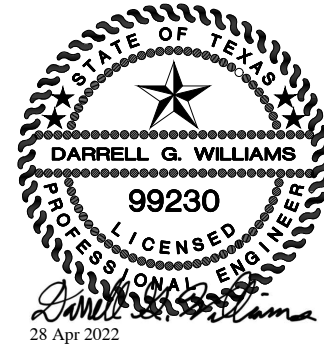
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# KITCHEN RENOVATION

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CONSTRUCTION DOCUMENTS

SHEET CONTENTS  
LIGHT FIXTURE &  
PANEL SCHEDULES

SHEET NO.

E700

## PANEL: K

Location: MECH 301  
Supply From:  
Mounting: SURFACE  
Enclosure: NEMA 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4  
Sections: 2

A.I.C. Rating: 10,000 A.I.C.  
Mains Type: MLO  
Mains Rating: 600.0 A

CKT	REM	Load Name	BKR	Poles	Wire Size	A	B	C	Wire Size	Poles	BKR	Load Name	REM	CKT	
1	--	EXISTING LOAD	100	2	--	0	840				1	20 NEW PASS THRU...	--	2	
3	--	SPACE	--	1	--			0 1643			2	25 NEW DOUBLE ROLL THRU HEATED...	--	4	
5	--	SPACE	--	1	--		0 0		--		1643		--	6	
7	--	EXISTING LOAD	15	3	--		0	0 0					--	8	
9	--	EXISTING LOAD	15	3	--		0	0 0	0	0	--	3	40 EXISTING LOAD	--	10
11	--	EXISTING LOAD	15	3	--		0	0 0				1	20 EXISTING LOAD	--	12
13	--	EXISTING LOAD	15	3	--						--	2	60 EXISTING LOAD	--	14
15	--	EXISTING LOAD	15	3	--				0	0	--	2	60 EXISTING LOAD	--	16
17	--	EXISTING LOAD	15	3	--								--	18	
19	2,5	NEW DOUBLE OVEN	100	3	3#2,1#8G-EXISTING CONDUIT	8333	2667	8333 2667			3#8,1#10G-EXISTING CONDUIT	3	40 CONVECTION STEAMER	2,5	20
21	--	EXISTING LOAD	40	3	--		0	0 0	8333 2667			1	20 EXISTING LOAD	--	22
23	--	EXISTING LOAD	40	3	--		0	0 0				1	20 EXISTING LOAD	--	24
25	--	EXISTING LOAD	40	3	--		0	0 0				1	20 EXISTING LOAD	--	26
27	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	28
29	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	30
31	--	EXISTING LOAD	20	1	--		0	0 0				3	20 EXISTING LOAD	--	32
33	--	EXISTING LOAD	20	1	--		0	0 0				3	20 EXISTING LOAD	--	34
35	--	EXISTING LOAD	20	1	--		0	0 0				3	20 EXISTING LOAD	--	36
37	2	NEW DISHWASHER	60	3	REUSE EXISTING	5000	0					3	15 EXISTING LOAD	--	38
39	--	EXISTING LOAD	60	3	--		5000	0	5000	0	--	3	15 EXISTING LOAD	--	40
41	--	EXISTING LOAD	60	3	--								--	42	
43	2	NEW 30KW BOOSTER HEATER	90	3	3#3,1#8G-1-1/4"	10064	--	10064	0		--	1	-- SPACE	--	44
45	--	EXISTING LOAD	50	2	--		0	0 0	10064	0	--	2	80 EXISTING LOAD	--	46
47	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	48
49	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	50
51	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	52
53	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	54
55	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	56
57	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	58
59	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	60
61	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	62
63	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	64
65	--	EXISTING LOAD	20	1	--		0	0 0				1	40 EXISTING LOAD	--	66
67	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	68
69	--	NEW PASS THRU...	20	1	--		0	840				1	20 EXISTING LOAD	--	70
71	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	72
73	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	74
75	--	EXISTING LOAD	40	1	--		0	0 0				1	20 EXISTING LOAD	--	76
77	--	EXISTING LOAD	20	1	--		0	0 0				1	20 EXISTING LOAD	--	78
79	--	EXISTING LOAD	50	2	--		0	0 0				1	20 EXISTING LOAD	--	80
81	2	NEW DOUBLE ROLL THRU HEATED...	25	2	2#10,1#1-G-3/4"				1643	0	--	2	20 EXISTING LOAD	--	82
83	--	EXISTING LOAD	30	3	--		0	0 0				1	20 EXISTING LOAD	--	84
85	--	EXISTING LOAD	30	3	--		0	0 0				3	60 EXISTING LOAD	--	86
87	--	EXISTING LOAD	30	3	--		0	0 0				3	60 EXISTING LOAD	--	88
89	--	EXISTING LOAD	30	3	--		0	0 0				3	60 EXISTING LOAD	--	90
91	--	EXISTING LOAD	30	3	--		0	0 0				3	60 EXISTING LOAD	--	92
Total Load:						28,547 VA	28,547 VA	29,350 VA							
Total Amps:						237.9 A	237.9 A	244.6 A							

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Kitchen Equipment	85,603 VA	65.00%	55,642 VA	Total Conn. Load: 86,443 VA
Receptacle	840 VA	100.00%	840 VA	Total Est. Demand: 56,482 VA
				Total Conn. Current: 239.9 A
				Total Est. Demand Current: 156.8 A

### General Notes:

- PROVIDE FEED-THROUGH LUGS FOR FUTURE EXPANSION.
- PROVIDE FULL SIZED PHASE, NEUTRAL AND GROUND BUSES.
- THE CONTRACTOR SHALL UPDATE ROOM NAMES AND ROOM NUMBERS ON FINAL PANEL SCHEDULE TO REFLECT FINAL BUILDING CONDITIONS.

### Remarks:

- PROVIDE GFCI CIRCUIT BREAKER.
- PROVIDE CIRCUIT BREAKER AND / OR FUSES PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
- BRANCH CIRCUIT SHALL BE 2 #12 & #12 GROUND IN 3/4" CONDUIT.
- BRANCH CIRCUIT ROUTED THROUGH AND CONTROLLED BY SECONDARY CONTACTOR.
- PROVIDE WITH SHUNT TRIP BREAKER.
- PROVIDE CIRCUIT BREAKER CAPABLE OF BEING LOCKED IN THE OFF POSITION.

## PANEL: P4

Location: MECH 301  
Supply From:  
Mounting: SURFACE  
Enclosure: NEMA 1

Volts: 480/277 Wye  
Phases: 3  
Wires: 4  
Sections: 1

A.I.C. Rating: 14,000 A.I.C.  
Mains Type: MCB  
Mains Rating: 400.0 A

CKT	REM	Load Name	BKR	Poles	Wire Size	A	B	C	Wire Size	Poles	BKR	Load Name	REM	CKT
1	--	EXISTING LOAD	20	3	--	0	0	0	0	--	3	20 EXISTING LOAD	--	2
3	--	EXISTING LOAD	20	3	--	0	0	0	0	--	3	20 EXISTING LOAD	--	4
5	--	EXISTING LOAD	20	3	--	0	0	0	0	--	3	20 EXISTING LOAD	--	6
7	--	EXISTING LOAD	20	3	--	0	0	0	0	--	3	20 EXISTING LOAD	--	8
9	--	EXISTING LOAD	20	3	--	0	0	0	0	--	3	20 EXISTING LOAD	--	10
11	--	EXISTING LOAD	20	3	--	0	0	0	0	--	3	20 EXISTING LOAD	--	12
13	--	EXISTING LOAD	30	3	--	0	0	0	0	--	3	30 EXISTING LOAD	--	14
15	--	EXISTING LOAD	30	3	--	0	0	0	0	--	3	30 EXISTING LOAD	--	16
17	--	EXISTING LOAD	30	3	--	0	0	0	0	--	3	30 EXISTING LOAD	--	18
19	2,5	NEW COMBI OVEN	50	3	3#8,1#10G-1"C	10388	--	10388	--	--	1	-- SPACE	--	20
21	--	SPACE	--	1	--	--	--	--	--	--	1	-- SPACE	--	22
23	--	SPACE	--	1	--	--	--	--	--	--	1	-- SPACE	--	24
25	--	SPACE	--	1	--	--	--	--	--	--	1	-- SPACE	--	26
27	--	SPACE	--	1	--	--	--	--	--	--	1	-- SPACE	--	28
Total Load:						10,388 VA	10,388 VA	10,388 VA						
Total Amps:						37.5 A	37.5 A	37.5 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Kitchen Equipment	31,163 VA	100.00%	31,163 VA	Total Conn. Load: 31,163 VA
				Total Est. Demand: 31,163 VA
				Total Conn. Current: 37.5 A
				Total Est. Demand Current: 37.5 A

### General Notes:

- PROVIDE FEED-THROUGH LUGS FOR FUTURE EXPANSION.
- PROVIDE FULL SIZED PHASE, NEUTRAL AND GROUND BUSES.
- THE CONTRACTOR SHALL UPDATE ROOM NAMES AND ROOM NUMBERS ON FINAL PANEL SCHEDULE TO REFLECT FINAL BUILDING CONDITIONS.

### Remarks:

- PROVIDE GFCI CIRCUIT BREAKER.
- PROVIDE CIRCUIT BREAKER AND / OR FUSES PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
- BRANCH CIRCUIT SHALL BE 2 #12 & #12 GROUND IN 3/4" CONDUIT.
- BRANCH CIRCUIT ROUTED THROUGH AND CONTROLLED BY SECONDARY CONTACTOR.
- PROVIDE WITH SHUNT TRIP BREAKER.
- PROVIDE CIRCUIT BREAKER CAPABLE OF BEING LOCKED IN THE OFF POSITION.

## PANEL: H4

Location: MECH 301  
Supply From:  
Mounting: SURFACE  
Enclosure: NEMA 1

Volts: 480/277 Wye  
Phases: 3  
Wires: 4  
Sections: 1

A.I.C. Rating: 14,000 A.I.C.  
Mains Type: MLO  
Mains Rating: 100.0 A

CKT	REM	Load Name	BKR	Poles	Wire Size	A	B	C	Wire Size	Poles	BKR	Load Name	REM	CKT
1	--	SPACE	--	3	--	--	0	--	--	--	3	70 EXISTING LOAD	--	2
3	--	SPACE	--	3	--	--	0	--	--	--	3	70 EXISTING LOAD	--	4
5	--	SPACE	--	3	--	--	0	--	--	--	3	70 EXISTING LOAD	--	6
7	--	EXISTING LOAD	40	3	--	0	0	0	0	--	1	20 EXISTING LOAD	--	8
9	--	EXISTING LOAD	40	3	--	0	0	0	0	--	1	20 EXISTING LOAD	--	10
11	--	EXISTING LOAD	40	3	--	0	0	0	0	--	1	20 EXISTING LOAD	--	12
13	--	EXISTING LOAD	20	1	--	0	0	0	0	--	1	20 EXISTING LOAD	--	14
15	--	EXISTING LOAD	20	1	--	0	0	0	0	--	1	20 EXISTING LOAD	--	16
17	--	EXISTING LOAD	20	1	--	0	0	0	0	--	1	20 EXISTING LOAD	--	18
19	--	EXISTING LOAD	20	1	--	0	0	0	0	--	1	20 EXISTING LOAD	--	20
21	--	EXISTING LOAD	20	1	--	0	0	0	0	--	1	20 EXISTING LOAD	--	22
23	--	EXISTING LOAD	20	1	--	0	0	0	0	--	1	20 EXISTING LOAD	--	24
Total Load:						0 VA	0 VA	0 VA						
Total Amps:						0.0 A	0.0 A	0.0 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 VA
				Total Est. Demand: 0 VA
				Total Conn. Current: 0.0 A
				Total Est. Demand Current: 0.0 A

### General Notes:

- PROVIDE FEED-THROUGH LUGS FOR FUTURE EXPANSION.
- PROVIDE FULL SIZED PHASE, NEUTRAL AND GROUND BUSES.
- THE CONTRACTOR SHALL UPDATE ROOM NAMES AND ROOM NUMBERS ON FINAL PANEL SCHEDULE TO REFLECT FINAL BUILDING CONDITIONS.

### Remarks:

- PROVIDE GFCI CIRCUIT BREAKER.
- PROVIDE CIRCUIT BREAKER AND / OR FUSES PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
- BRANCH CIRCUIT SHALL BE 2 #12 & #12 GROUND IN 3/4" CONDUIT.
- BRANCH CIRCUIT ROUTED THROUGH AND CONTROLLED BY SECONDARY CONTACTOR.
- BRANCH CIRCUIT ROUTED THROUGH AND CONTROLLED BY UTILITY LAB CONTROLLER.
- PROVIDE CIRCUIT BREAKER CAPABLE OF BEING LOCKED IN THE OFF POSITION.

## PANEL: H4L

Location: MECH 301  
Supply From:  
Mounting: SURFACE  
Enclosure: NEMA 1

Volts: 480/277 Wye  
Phases: 3  
Wires: 4  
Sections: 1

A.I.C. Rating: 14,000 A.I.C.  
Mains Type: MLO  
Mains Rating: 100.0 A