

Date Due: May 14th, 2021
DUE NO LATER THAN 2:00 P.M.
LOCAL TIME IN HOUSTON, TEXAS
*Proposals received later than the above
date and time will not be considered.*

**YES Prep Public
Schools
REQUEST FOR PROPOSAL
Cover Sheet**

REQUEST FOR PROPOSAL: FY21_ West Campus Legacy Clinic

NOTE TO PROPOSERS!!! Carefully read all instructions, requirements, and specifications. Fill out all forms properly and completely. Submit your proposal with all appropriate supplements and/or samples and return as instructed in Special Requirements/Instructions.

**RETURN PROPOSAL TO:
Richard Lilavois
Construction Project Manager
5515 S Loop E, Suite B
Houston, Texas 77033**

For additional information, contact Richard Lilavois, Richard.Lilavois@yesprep.org or 832-528-4467.

You must sign below in INK; failure to sign WILL disqualify the proposal. All prices must be typewritten or printed in ink.

Vendor Name: _____

Vendor Address: _____

City, State, Zip Code: _____

Taxpayer Identification Number (T.I.N.): _____

Telephone No.: _____ Fax No.: _____

Email: _____

Print Name: _____ Signature: _____

[Your signature attests to your proposal to provide the goods and/or services in this proposal according to the published provisions of this Request for Proposal unless modifications or

TENTATIVE RFP SCHEDULE

YES Prep anticipates following the following time table for this RFP:

- Newspaper Ads: April 30th, 2021 & May 7th, 2021
- Bid Walk (Optional): May 10th, 2021 8am CST
- Inquiry Deadline for Proposal Questions: May 10th, 2021 4pm CST
- Respond to Questions: May 11th, 2021 10am CST
- Deadline for submission of proposals & Opening: May 14th, 2021 2 pm CST
- Proposal evaluation: May 14th, 2021 – May 19th, 2021
- Contract Award: Subject to Board Approval

TABLE OF CONTENTS – REQUEST FOR PROPOSAL PACKAGE

The items below represent components which comprise this Request for Proposal (hereinafter “RFP”) package. Suppliers are asked to review the package to be sure that all applicable parts are included. If any portion of the package is missing, please notify Richard Lilavois, Construction Project Manager immediately at Richard.Lilavois@yesprep.org or 832-528-4467.

It is the Vendor’s responsibility to be thoroughly familiar with all Requirements and Specifications. Be sure you understand the following before you return your proposal packet.

1. Cover Sheet

Your company name, address, and your signature (**IN INK**) should appear on this page.

2. Table of Contents

This page is the Table of Contents.

3. General Requirements

You should be familiar with all of the General Requirements.

4. Special Requirements/Instructions

This section provides information you must know in order to make a complete and proper proposal.

5. Specifications

This section contains the detailed description of the products/services sought.

6. Attachments

- A. Submittals 1 - 4
- B. Questionnaire
- C. Workers’ Compensation Certification
- D. Insurance Coverage Requirements
- E. Proposed Exceptions, Alterations, Additions, or Modifications to RFP (if any)
- F. Scoring Rubric

INTRODUCTION

YES Prep Public Schools is a free, open-enrollment public school system that serves 15,000

students across nineteen (19) schools in the Houston area. YES Prep has been ranked as among the top 100 public high schools in the nation by Newsweek and U.S. News & World Report. Every year, 100 percent of YES Prep's graduating seniors have been accepted into four-year colleges, including Harvard, Yale, Columbia, Rice, and Stanford. YES Prep combines a highly successful 6th-12th grade model along with high standards for student achievement.

GENERAL REQUIREMENTS

Proposals will be accepted by Yes Prep Public Schools no later than 2:00 p.m. (local time), **May 14th, 2021**. Every proposal must be enclosed in an envelope clearly marked "FY21_Yes Prep West Campus Legacy Clinic" and shall include one copy.

All questions, requests, responses, and proposals shall be submitted to:

Richard Lilavois - Construction Project Manager

YES Prep Public Schools

5515 S Loop E, Suite B

Houston, TX 77033

Richard.Lilavois@yesprep.org

Questions and responses regarding this RFP will be posted to the YES Prep Public Schools web site during the RFP phase so all interested parties will have access to the same information. Web site is located at: <http://www.yesprep.org/notices>

The appropriate committee shall review all timely responses, and if necessary, the full Board of Trustees prior to acceptance/bid award. Responses may be hand delivered. Any response or proposal received after the above deadline shall be considered late, and will not be opened or considered.

Time Frame

The timeframe for all responses must be complete and in possession of YES Prep Public Schools by 2:00 p.m. (local time) on **May 14th, 2021**. Each submission/proposal must be complete. Any incomplete responses may be rejected. All respondents will comply with this RFP as a basis for the award of the proposal.

Bid-Walk: One-time bid walk will be offered on Tues, May 10th, 2021 starting at 8AM. We will meet at West Campus. – 10535 Harwin Dr, Houston, TX 77036. This bid walk is not mandatory. Mask will be required.

All questions are due by 4:00 p.m. (local time) on May 10th, 2021 and shall be submitted to: Richard.Lilavois@yesprep.org

Approval

The actual acceptance of any proposal may be delayed. Therefore, all responses must remain valid for a period of no less than one hundred and twenty (120) days. It is intended that proposals will be recommended to the Board of Trustees at an upcoming board meeting. The Board of Trustees reserves the right to reject any and all proposals.

ACCESS TO RECORDS

Proposer (hereinafter "Vendor") may be required to allow duly authorized representatives of

YES Prep Public Schools (hereinafter “YES”), and local, state, and federal governments, access to contracts, books, documents, and records necessary to verify the nature, extent, and cost of services provided by the Vendor.

AWARD

YES reserves the right to reject any and all proposals, and reserves the sole right at its discretion to accept any proposal(s) it considers most favorable to the interest of YES and waive any and all minor irregularities in any proposal(s). YES further reserves the right to reject any proposal(s) and seek new proposals through the issuance of a new or amended Request for Proposal (hereinafter “RFP”) if such action is deemed in the best interest of YES.

OFFER COMPLETION

Fill out and return to Richard Lilavois, Construction Project Manager, one complete proposal form, and two copies, as instructed under the Special Requirements section of this document. An authorized Vendor representative should sign the Cover Sheet. Completion of these forms is intended to verify that the Vendor has submitted the proposal, is familiar with its contents, and has submitted the material in accordance with all requirements.

The submission of a response shall be prima facie evidence that the Vendor has full knowledge of the scope, nature, quantity, and quality of work to be performed, the detailed requirements of the project, and the conditions under which the work is to be performed. All terms, conditions, specifications, stipulations, and Vendor requirements stated in the RFP, any attached Appendices to the RFP, and any and all Addenda issued shall become part of the contract entered into between YES and the Vendor.

OFFER RETURNS

Vendors must return all completed proposals to the office of Richard Lilavois as indicated on the Cover Sheet of this package. Late proposals will not be accepted. It is the responsibility of the responding Vendor to assure that the response is received prior to the date and time indicated on the Cover Sheet of this package.

DIGITAL FORMAT

If Vendor obtained the proposal specifications in digital format in order to prepare a response, ***the proposal must be submitted in hard copy*** according to the instructions contained in this package. If, in its response, Vendor makes any changes whatsoever to the YES published RFP specifications, the RFP specifications ***as published*** by YES shall control. Furthermore, if an alteration of any kind to the RFP specifications as published is discovered after the contract is executed, the contract is subject to immediate cancellation at the sole option of YES.

DISQUALIFICATION OF VENDOR

Upon signing this RFP, Vendor certifies that the proposal has not violated the antitrust laws of this state codified in §15.01, *et seq.*, Business & Commerce Code, or the federal antitrust laws, and has not communicated directly or indirectly the proposal made to any competitor or any other person engaged in such line of business. Any or all proposals may be rejected if YES believes that collusion exists among the Vendors. Proposals in which the prices are obviously unbalanced may be rejected.

EVALUATION

In evaluating the proposals submitted, YES will apply the “Best Value” process in selecting the

Vendor to be awarded a contract for this project. **Purchase price is not the only criteria that will be used in the evaluation process.** The selection process will include, but not be limited to, the following considerations:

1. The quality and range of goods and/or services the Vendor proposes to provide;
2. The extent to which the goods and/or services meet YES needs;
3. The Vendor's overall experience, reputation, expertise, stability, and financial responsibility;
4. The Vendor's past relationship, if any, with YES;
5. The experience and qualifications of the Vendor staff (i.e. drivers, supervisors, dispatchers, mechanics, etc.) that will be assigned to service the YES account;
6. The ability to provide service in a safe, reliable, expedient, and efficient manner;
7. Facilities and business processes and practices (computerized information systems, access to industry facilities, quality and range of management reports, etc.) that will be used in servicing the YES account;
8. The Vendor's financial terms offered to YES;
9. The total long-term cost to YES to acquire the Vendor's goods or services; and/or
10. Any other relevant factor(s) specifically listed in the RFP.

YES reserves the right to contact references from the Vendor's client list, or any other persons considered relevant by YES. YES reserves the right to conduct personal interviews of any or all potential Vendors prior to selection.

YES will not be liable for any costs incurred by the Vendor in connection with such interviews or with the submission of any response.

DOCUMENT INTERPRETATION

In the event of any conflict of interpretation of any part of this overall document, the interpretation of YES shall govern.

GOVERNING LAW

Any agreements resulting from this RFP shall be governed by, construed, and enforced in accordance with the laws of the State of Texas applicable to contracts made and wholly performed within such state (without regard to the conflicts or choice of law principles thereof). The parties irrevocably consent to the jurisdiction of the State of Texas, and agree that any court of competent jurisdiction sitting in the County of Harris, State of Texas, shall be an

appropriate and convenient place of venue, and shall be the sole and exclusive place of venue, to resolve any dispute with respect to any such agreements.

HOLD HARMLESS AGREEMENT

The successful Vendor(s) shall indemnify, hold harmless, and defend YES, its directors, officers, and employees (paid or volunteer) from and against any and all claims, demands, and causes of action of whatever kind or nature arising out of error, omission, misrepresentation, negligent act, conduct, or misconduct of the Vendor and its subcontractors, agents, and employees (paid or volunteer) in the provision of goods or the performance of services arising out of the preparation of this proposal and execution and performance of any contracts resulting therefrom. Such indemnification shall also include reasonable attorneys' fees, court costs, and expenses.

INSPECTIONS

YES reserves the right to inspect any item(s) or service location for compliance with specifications, requirements, and needs of YES. If a Vendor cannot furnish a sample of a proposed item, where applicable, for review, or fails to satisfactorily show an ability to perform, YES can reject the Vendor as inadequate.

TESTING

YES reserves the right to test equipment, supplies, materials, and goods proposed for quality, compliance with specifications, and ability to meet the needs of YES. Demonstration units must be available for review. Should the goods or services fail to meet requirements and/or be unavailable for evaluation, the proposal is subject to rejection.

INVOICES AND PAYMENTS

YES standard payment terms are Net 30 days after receipt of invoice.

Invoices should be provided to YES in a timely manner. Vendors are requested to invoice YES within 30 days of providing goods and/or services to YES. Vendors who continuously invoice YES in a manner that is outside of generally accepted business practices may affect their continuing relationship with YES.

In the event a Vendor presents YES with invoices, statements, reports, etc. that are incomplete or inaccurate, YES may be required to perform substantial research which could result in delay of payment. YES will not be responsible for any interest charges and/or late fees as a result of delayed payment due to time delays caused by inadequate, incomplete, or inaccurate information provided in invoices by Vendor.

PRICING

Prices for all goods and/or services shall be negotiated to a firm amount for the duration of this contract or as agreed to in terms of time frame and/or method of determining price escalations, if any, by Vendor. All prices and methods of determining prices must be written in ink or typewritten. Where unit pricing and extended pricing differ, unit pricing prevails.

SCANNED OR RE-TYPED RESPONSE

If in its response, Vendor either electronically scans, re-types, or in some way reproduces the YES-published RFP package, then in the event of any conflict between the terms and provisions of the published RFP package, or any portion thereof, and the terms and provisions of the response made by the Vendor, the RFP package **as published** by YES shall control.

Furthermore, if an alteration of any kind to the YES-published RFP package is only discovered after the contract is executed, the contract is subject to immediate cancellation at the sole option of YES.

SEVERABILITY

If any section, subsection, paragraph, sentence, clause, phrase, or word of these requirements or the specifications shall be held invalid, such holding shall not affect the remaining portions of these requirements and the specifications, and it is hereby declared that such remaining portions would have been included in these requirements and the specifications as though the invalid portion had been omitted.

SUPPLEMENTAL MATERIALS

Vendors are responsible for including all pertinent product data in the returned offer package. Literature, brochures, data sheets, specification information, completed forms requested as part of the offer package, and any other facts which may affect the evaluation and subsequent contract award should be included. Materials such as legal documents and contractual agreements, which the Vendor wishes to include as a condition of the proposal, must also be in the returned proposal package. Failure to include all necessary and proper supplemental materials may be cause to reject the entire proposal.

TAXES

YES is exempt from federal, state, and local taxes. In the event that taxes are imposed on the goods or services purchased, YES will not be responsible for payment of the taxes. The Vendor shall absorb the taxes entirely. Texas Limited Sales Tax Exemption Certificates will be furnished to Vendors upon written request to YES.

TERM CONTRACTS

The successful Vendor, as determined by YES, shall be required to execute a contract to furnish all goods and/or services and other deliverables required for successful completion of the proposed project. No Vendor shall obtain any interest or right in any award until YES has executed a contract, and any such interest and rights shall be subject to the terms and conditions as contained in such contract.

The successful Vendor may not assign, sell, or otherwise transfer its interest in the contract award, or any part thereof, without prior written consent from the YES.

QUANTITY

There is no guaranteed amount of business, expressed or implied, to be purchased or contracted for by YES. However, the Vendor(s) awarded the contract shall furnish all required goods and/or services to YES at the stated price, when and if required.

CONTRACT TYPE

The preferred contract type to be awarded is a fixed fee contract. However, if a Vendor has reason to believe a better (more cost effective) method is practical, then the Vendor is encouraged to offer that better pricing option as an alternative in its submitted proposal. YES will consider that type of contract as it compares with other recommended contract options.

TERMINATION

YES reserves the right to terminate the contract without cause with 60 days prior written notice

for convenience and with 30 days prior written notice for cause if Vendor breaches any of the terms therein, including warranties of Vendor or if the Vendor becomes insolvent or commits acts of bankruptcy. Such right of termination is in addition to and not in lieu of any other remedies which YES may have in law or equity. Cause may be construed as, but not limited to, failure to deliver the proper goods and/or services within the proper amount of time, and/or to properly perform any and all services required to YES's satisfaction, and/or to meet all other obligations and requirements.

If the Vendor breaches any provision of the proposal stipulations, becomes insolvent, enters voluntary or involuntary bankruptcy, or receivership proceedings, or makes an assignment for the benefit of creditors, YES will have the right (without limiting any other rights or remedies that it may have in the contract or by law) to terminate any contract with 30 days prior written notice to the Vendor.

YES will then be relieved of all obligations, except to pay the reasonable value of the Vendor's prior performance (at a cost not exceeding the contract rate). The Vendor will be liable to YES for all costs exceeding the contract price that YES incurs in completing or procuring the service as described in the proposal. YES's right to require strict performance of any obligation in this contract will not be affected by any previous waiver, forbearance, or course of dealing.

FUNDING OUT OPTION

Any contract resulting from this RFP is contingent upon the continued availability of budget appropriations and is subject to cancellation, without penalty to YES, either in whole or in part, if funds are not appropriated by the YES Board of Directors or otherwise not made available to YES.

WARRANTIES

Vendors shall furnish all data pertinent to warranties or guarantees which may apply to items in the proposal. Vendors may not limit or exclude any implied warranties.

ASSOCIATION

Vendors may not use the YES official logo(s), or any phrase associated with YES, without written permission from YES.

DISCLOSURE

All information and documentation related to this RFP submitted by Vendors may be subject to public disclosure under the Texas Public Information Act (Texas Government Code Section 552.001, et seq.).

EXCEPTIONS, ALTERATIONS, ADDITIONS, and MODIFICATIONS

If any exceptions, alterations, additions, or modifications are submitted by Vendor to any portion of this RFP, the Vendor must clearly indicate the exceptions, alterations, additions, and modifications and include a full explanation as a separate attachment to the proposal. The failure to identify exceptions, alterations, additions, or modifications will constitute acceptance by the Vendor of the RFP as proposed by YES. YES reserves the right to reject a proposal containing exceptions, alterations, additions, or modifications.

PROPOSAL PREPARATION COSTS

All costs related to the preparation and submission of this proposal shall be paid by the Vendor.

Issuance of this RFP does not commit YES, in any way, to pay any costs in the preparation and submission of the proposal, nor does the issuance of the RFP obligate YES to award a contract or purchase any goods and services stated in the RFP.

RETENTION OF PROPOSAL DOCUMENTATION

All proposal materials and supporting documentation that is submitted in response to this proposal becomes the permanent property of YES.

MODIFICATION/WITHDRAWAL OF PROPOSAL

Proposals may be modified in writing at any time prior to the due date. Proposals may be withdrawn in writing, by facsimile written transmission or in person, before the response date.

PAYMENT TERMS

Invoices that are submitted by the awarded contractor are required to provide accurate and current addresses including any discounts for early payment. Payment of undisputed invoices will be paid monthly provided that the invoices are received by dates provided to the winning bid. Disputed portions of invoices will be held until the dispute is resolved.

PROPOSAL REQUIREMENTS

- Vendor is required to provide evidence of a valid State of Texas Business License
- Vendor is required to provide an insurance certificate with YES Prep named as an additional insured.

The entity legally responsible for fulfilling this agreement shall be identified in the proposal response.

Right to Seek a New Proposal

YES Prep Public Schools reserves the right to receive, accept, or reject any and all proposals for any or all reasons.

Proposals will be awarded to the best overall respondent as determined to be in the best interests of Yes Prep. In comparing the responses to this RFP and making awards, Yes Prep may consider such factors as quality and thoroughness of a proposal, the record of experience, the references of the respondents, and the integrity, performance and assurances in the proposal in addition to that of the proposal price.

It is the responsibility of the vendor to ensure that the equipment proposed is fully functional with existing two-way radio equipment: handheld radios, base stations and school bus radios.

Applicable Law

The successful Contractor(s) agrees that they shall comply with all local, state and federal laws, statutes, rules, and regulations including, but not limited to, the Rehabilitation Act of 1973 and the Americans with Disabilities Act. In the event that any claims should arise with regards to this contract, for a violation of any such local, state, or federal law, statutes, rules, or regulations, the provider will indemnify and hold Huntington County Community School Corporation harmless for any damages, including court costs or attorney fees which might be incurred.

Dispute resolution

It is expected that any conflicts or disagreements can be settled through face-to-face meetings. Unresolved disputes will require mediation before filing litigation. Both parties will split the cost of mediation.

SPECIAL REQUIREMENTS/INSTRUCTIONS

EVALUATION AND AWARD

This RFP in no manner obligates YES to the eventual rental, lease, or purchase of any equipment or service described, implied, or which may be proposed, until confirmed by a written contract. Progress toward this end is solely at the discretion of YES and may be terminated at any time prior to the signing of the contract.

YES may initiate discussions with Vendor personnel authorized to contractually obligate the Vendor. Discussions will develop into negotiating sessions with the successful Vendor(s). If YES is unable to agree to contract terms, YES reserves the right to terminate contract negotiations with a Vendor and initiate negotiations with another Vendor. YES reserves the right to select services and products from any number of Vendors if, in its sole discretion, it is in the best interest of YES to do so.

Evaluation will consider the Vendor(s) best meeting the needs and requirements of YES and such evaluation and determination of best value shall be solely at the discretion of YES.

Purchase price is not the only criteria that will be used in the evaluation process.

Submission of qualifications implies the Vendor's acceptance of the evaluation criteria and Vendor's recognition that subjective judgments can and will be made by those individuals evaluating qualifications.

References, site visits, and product inspections may be used to make judgments directly affecting the award of this contract.

NON-PERFORMANCE BY VENDOR

Performance, before and during the contract term, will be a major consideration of current contract award, renewals, and future award considerations. Failure to perform, in any sense relative to this contract, may result in the probation and/or termination of this agreement by YES on the basis of nonperformance. Non-performance shall be determined as follows:

1. Failure to meet and maintain all qualifications required in this RFQ/RFP;
2. Failure to meet required personnel standards and operating performance standards;
3. Failure to maintain appropriate and/or necessary personnel licenses and certifications;
4. Failure to meet all vehicle inspections and certifications which are needed to comply with federal, state, and/or local requirements;
5. Failure to keep and maintain all required insurance coverage; and/or

6. Failure to cure deficiencies within a reasonable amount of time as stated herein.

INSURANCE

All Vendors must provide evidence of insurance or insurability and a Workers' Compensation Certificate (see Attachments C and D).

GOVERNMENT VIOLATIONS

Vendor shall notify YES of all health and safety violations, OSHA violations, wage and hour violations, or labor violations assessed by any city, state, or federal government department or agency.

NON-COMPLIANCE NOTIFICATION

In the event a Vendor is determined by YES to have failed to perform services in accordance with the requirements listed herein, YES will forward a written notification specifying the violation or the area of non-compliance to the Vendor. The Vendor in non-compliance shall immediately remedy all violations as determined by YES. Any violations not so remedied shall be grounds for termination of the contract, in whole or in part.

OWNERSHIP

YES shall retain ownership rights to all materials or any other product produced in conjunction with the work described herein.

SPECIAL CONDITIONS AND PROJECT INFORMATION

YES Prep Public Schools is a free, open-enrollment public school system that currently serves 15,000 students across nineteen (19) schools in the Houston area. In August 2020, YES Prep will open 2 new elementary schools in the Houston area. YES Prep has been ranked as among the top 100 public high schools in the nation by Newsweek and U.S. News & World Report. Every year, 100 percent of YES Prep's graduating seniors have been accepted into four-year colleges, including Harvard, Yale, Columbia, Rice, and Stanford. YES Prep combines a highly successful 6th-12th grade model along with high standards for student achievement.

YES Prep Public Schools is seeking proposals for demolition and renovation services to be rendered at the West Campus. The work occurs in two (2) locations in the building.

- **First Floor:** YES Prep is looking to convert an existing area into an onsite medical clinic. The existing project area includes teachers lounge, large conference room, Nurse's office and large classroom totaling approx. 1700 sq. ft. Renovation of area calls for the demolition of existing elements and the addition of eight (8) rooms and an extension to the adjacent corridor.
- **Second Floor:** YES Prep is looking to convert three (3) existing and adjacent spaces into one classroom. Renovation of area calls for the demolition of partition walls and door openings - the space will then be converted to one (1) classroom to be used for instructional use.

Please find an index of the construction documents as follows:

- CS100 – Cover Sheet, Site Plan & Code Analysis
 - D101 – Demolition Plan
 - A101 – Floor Plans & Interior Elevations
 - A201 – Reflected Ceiling Plans
 - A301 – Schedule & Details
 - M101 – Mechanical Plan
 - M201 – Mechanical Schedules
 - M301 – Mechanical Specifications
 - P101 – Plumbing Plan
 - P201 – Plumbing Schedules
 - E000 – Electrical Notes
 - E101 – Lighting Plan
 - E111 – Power Plan
 - E201 – Electrical Rider Diagram
 - E202 – Electrical Schedules
-
- This will be an active campus. Students and staff will be on-site daily.
 - Contractor is responsible for keeping corridors clear of debris and all construction related materials.
 - Masks are required to be worn by all persons rendering work on campus.

- Work will be performed during school operating hours. Owner reserves right to dictate procedure of loud construction processes such as saw cutting.
- All work on the exterior can be performed during school hours with coordination done in advance with the Construction Manager or Construction Project Manager.
- Contractor is responsible for all drawings included with this RFP.
- Questions are due by 4PM, May 10th, 2021
- YES Prep holds the right to not approve or move forward with project.

CONTRACTOR TO PROVIDE THE FOLLOWING:

- Work-area Utilization Plan
- Contractor will provide port-a-can for work crews.
- Contractor will be responsible for workers remaining in appropriate areas while on campus. Anyone caught outside of approved work area will be removed from the campus and not allowed to return.
- All bids should be turn-key per scope and specs on construction documents.
- Contractor is responsible for trash removal from the building and property.
- Contractor is responsible to clean the work area each night to ensure the building is ready for school the next morning. This includes disinfecting door knobs touched, sweeping and mopping floors.
- Contractor will be required to coordinate with Owner contractor for data installation and pathways, as needed.

A schedule duration per MUST be included with RFP response.

Cost breakout as listed below is REQUIRED.

REQUIRED SUBMITTALS (Attachment A)

Submittal 1

Experience in Electrical

Vendor shall provide a statement of its qualifications to provide the specific materials and services requested herein.

Submittal 2

Staffing Plan

Vendor shall submit a staffing plan that provides the qualifications of your employees.

Submittal 3

References

Vendor shall supply a list of three (3) references for which Vendor has experience in the scope of work that the proposal is submitted for.

Submittal 4

Customer Feedback

Vendor shall provide a description of its formal customer feedback system, provide sample tools used to gather data, and describe how results were shared with customers and used to improve service.

All submittals must be included in the RFP package returned on May 14th, 2021 by 2:00 PM. It is recommended that each submittal be typed on a separate sheet of paper with the heading “Response to Submittal #___ for YES RFP” at the top and the name of the Vendor underneath.

QUESTIONNAIRE (Attachment B)

All Vendor must provide answers to the following questions, typed on 8 ½ x 11 inch paper, in the order below. Attachments to the questionnaire answers should reference the question number.

1. Provide the full name and address of your organization.
2. Provide contact person(s) for information concerning this offer: name, title, phone, fax, email address.
3. What form of business is your organization (e.g. proprietorship, partnership, corporation) and is your organization local only, statewide, or nationwide?
4. List all the names under which this Vendor has operated in the last ten (10) years in the State of Texas.
5. Provide a copy of your insurance coverage.
6. Multi-part question:
 - a. Do you currently have any investigations pending by or on behalf of a government entity or other licensing entity?
 - b. Have you had investigations by or on behalf of a government entity or other licensing entity in the past?
 1. If the answer to either question is yes, please provide copies of relevant paperwork.
7. Do you have any relevant experience or projects in the past with education institutions? If so, please provide a high-level overview of these projects.

WORKERS' COMPENSATION CERTIFICATE (Attachment C)

YES requires Vendor to provide workers' compensation as per state law requirements. The Vendor shall sign and submit the following certificate with the written proposal:

- Minimum Workers' Compensation and Employer's Liability Limits
 - Each Accident \$1,000,000
 - Disease – Each Employee \$1,000,000
 - Disease – Policy Limit \$1,000,000

Vendor Name

Signature of Authorized Agent

Date Signed

Note: Vendor may attach current certificate of coverage with a signed statement that if awarded the contract, they will obtain said aforementioned coverage if the current coverage does not meet the stated minimum requirements.

INSURANCE COVERAGE REQUIREMENTS (Attachment D)

General and Excess Liability Minimum Coverages

- General Liability: \$2,000,000
- Umbrella Liability: \$1,000,000

Vendor Name

Signature of Authorized Agent

Date Signed

YES will be named as Additional Insured on the Certificate of Insurance if the Vendor is awarded a contract.

Proposed Exceptions, Alterations, Additions, or Modifications to RFP (Attachment E)

Vendor should submit as Attachment E, any and all proposed exceptions, alterations, additions, or modifications to the FY21_YES Prep RFP for West Campus Legacy Clinic

SCORING RUBRIC (ATTACHMENT F)

YES will utilize the following RFP Evaluation Rubric for evaluation of all YES Prep FY21 West Campus Legacy Clinic

1. Charges/Cost to YES PREP: 40 Points.

- a. Favorable = 40 Points. Unfavorable = 0 points.
- b. Evaluate the Overall Value of proposed materials and services to be provided.

2. Technical and Education Experience: 15 Points.

- a. Favorable = 15 Points. Unfavorable = 0 points.
- b. Proposal demonstrates the Vendor's ability to deliver quality services to schools.
- c. Includes references, Vendor staff, and/or Vendor's or certifications, qualifications, experience, expertise, and resumes.

3. Proposed Operational Delivery: 20 Points.

- a. Favorable = 20 Points. Unfavorable = 0 points.
- b. Proposal defines services and scope in enough detail that YES can confidently determine that the proposed services will be met.

4. Project Understanding and Methodology: 25 Points.

- a. Favorable = 25 Points. Unfavorable = 0 points.
- b. Proposal addresses the project in terms of the scope of work and substantive issues essential to proper service and care of YES facilities. Proposal includes a detailed description of services to be provided and any constraints as to procedure, time, personnel, or equipment that needs to be communicated to YES for use during contract negotiations.

**END OF YES RFP PACKAGE FOR
West Campus Legacy Clinic**

YES PREP PUBLIC SCHOOLS WEST CAMPUS LEGACY CLINIC

10535 HARWIN STREET - HOUSTON, TX. 77036

INDEX OF DRAWINGS

ARCHITECTURAL

CS100	COVER SHEET, SITE PLAN & CODE ANALYSIS
D101	DEMOLITION PLAN
A101	FLOOR PLANS & INTERIOR ELEVATIONS
A201	REFLECTED CEILING PLANS
A301	SCHEDULES AND DETAILS

MECHANICAL

M101	MECHANICAL PLAN
M201	MECHANICAL SCHEDULES
M301	MECHANICAL SPECIFICATIONS

PLUMBING

P101	PLUMBING PLAN
P201	PLUMBING SCHEDULES

ELECTRICAL

E000	ELECTRICAL NOTES
E101	LIGHTING PLAN
E111	POWER PLAN
E201	ELECTRICAL RISER DIAGRAM
E202	ELECTRICAL SCHEDULES

PROJECT DESCRIPTION AND CODE INFORMATION

SUMMARY OF IMPROVEMENTS:
1ST FLOOR: DEMO CONFERENCE AND CLASSROOM, ADD IN NEW OFFICES AND LEGACY CLINIC
2ND FLOOR: DEMO EXISTNG OFFICES - MAKE LARGE CLASSROOM

ADDRESS:
10535 HARWIN ST., HOUSTON, TX 77036

CODES:
2012 International Building Code with City of Houston Amendments
2012 International Fire Code
2015 International Energy Conservation Code
2012 Uniform Plumbing Code
2012 Uniform Mechanical Code
2020 National Electrical Code
2012 Texas Accessibility Standards

OWNER

YES PREP PUBLIC SCHOOLS
5515 SOUTH LOOP EAST, SUITE B
HOUSTON, TX 77033
(713)967-9000

ARCHITECT

ELEMENT ARCHITECTS
1250 WOOD BRANCH PARK DRIVE, SUITE 480
HOUSTON, TX 77079
(713)874-0775
ATTN: PATRICK HELEMANN

MEP ENGINEER

H4 ENGINEERS
25215 OAKHURST DRIVE
SPRING, TX 77386
(281)528-8584
ATTN: SHERIE HENSLEY



ELEMENT ARCHITECTS



04/20/2021

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YES PREP SCHOOL

WEST CAMPUS
LEGACY CLINIC

10535 HARWIN DRIVE
HOUSTON, TEXAS 77036

COVER
SHEET

Project Number	21034
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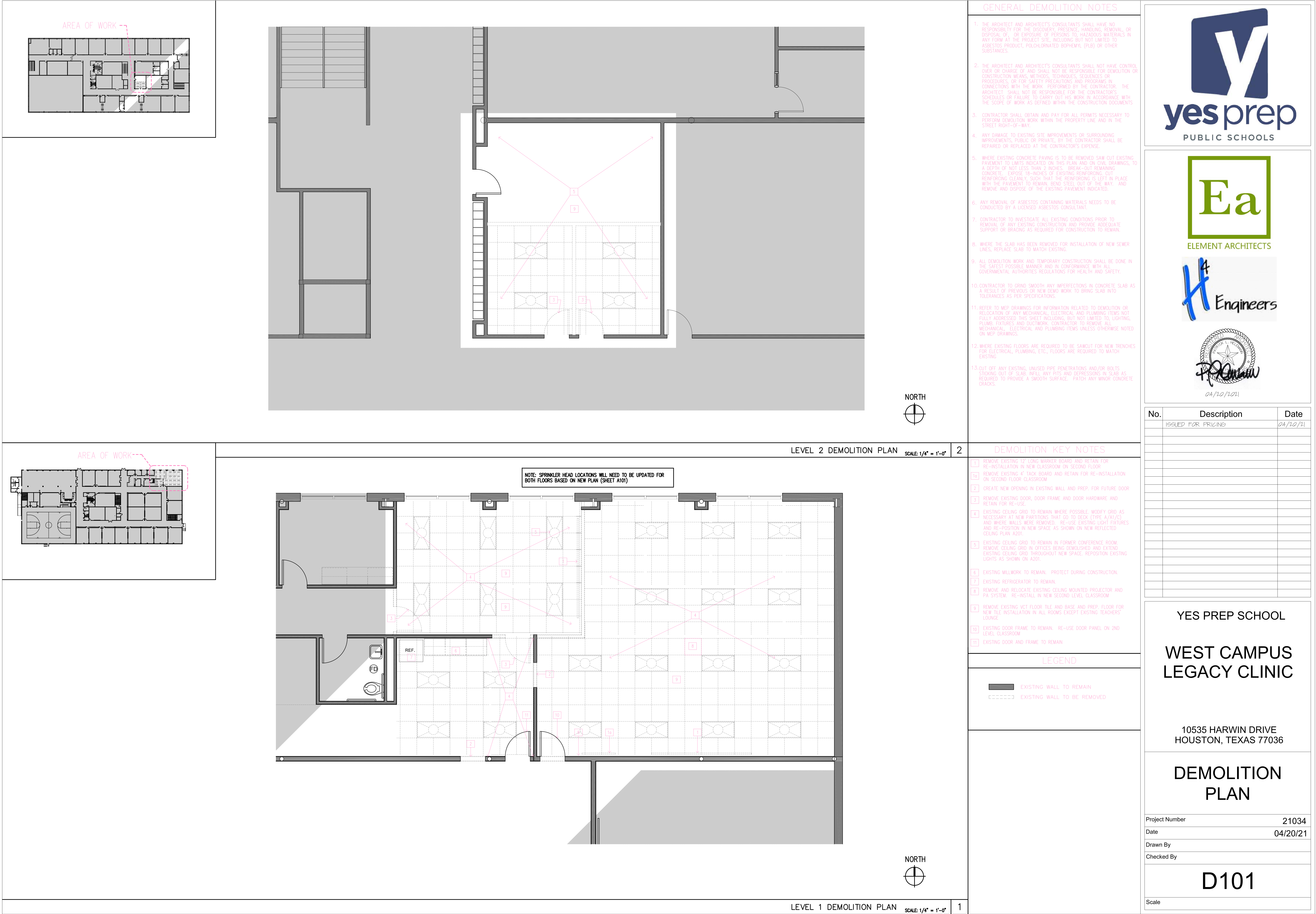
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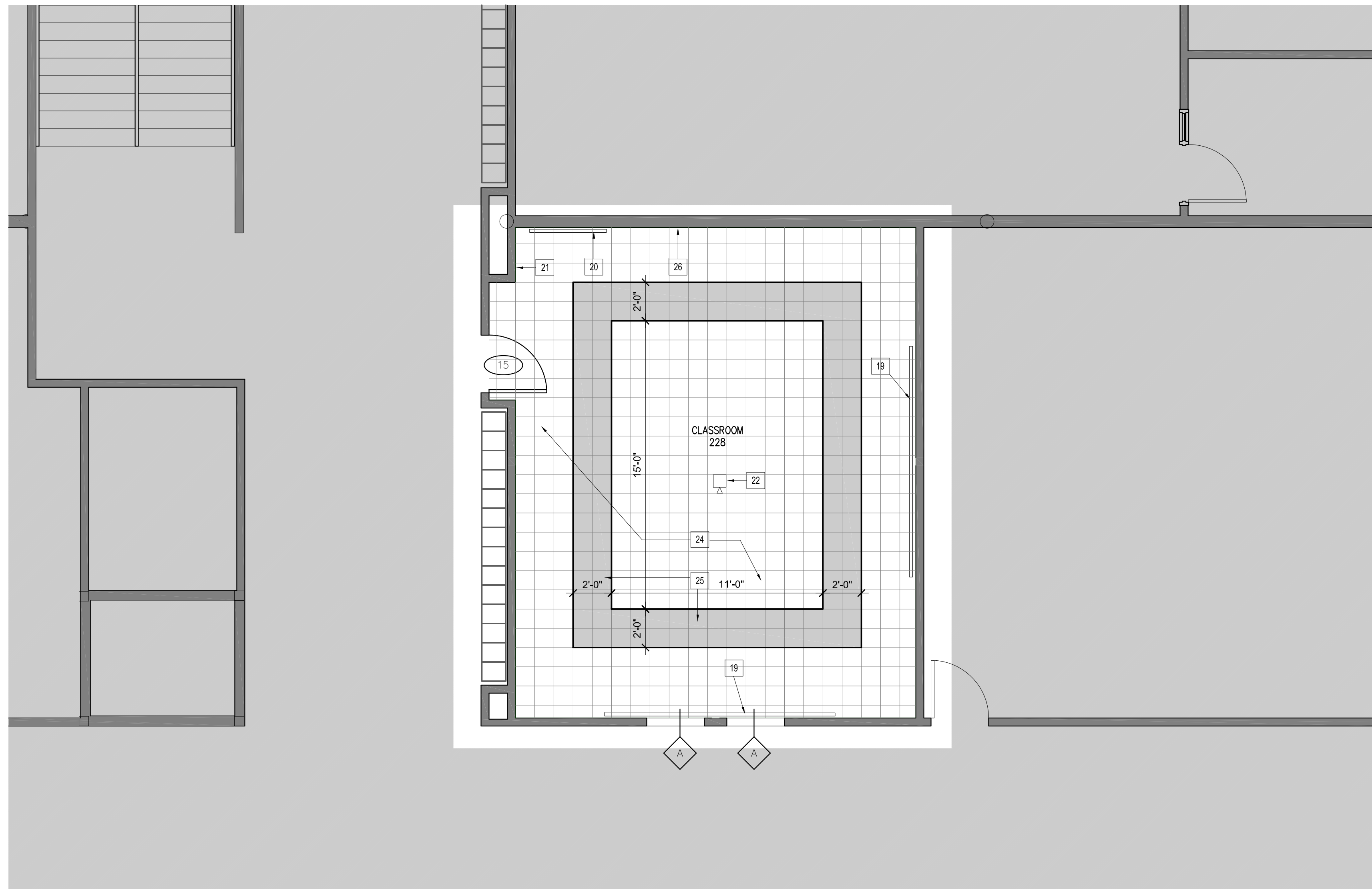
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CS100

Scale





1. CONTRACTOR TO REVIEW DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO INSTALLATION.
2. PROVIDE HOT & COLD WATER TO ALL SINKS & LAVATORIES.
3. ALL DIMENSIONS ARE TO WALL FINISH UNLESS NOTED OTHERWISE. DASH-DOT DIMENSION LINES INDICATE A DIMENSION TO CENTERLINE.
4. CONTRACTORS TO VISIT SITE & VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
5. SEE SCHEDULES ON SHEET A301.
6. ALL INTERIOR DOOR HINGE SIDE PARTS SHALL BE 4" FROM EDGE OF WALL (IF NEW DOOR CREWING)
7. USE 5/8" GYPSUM BOARD ON ALL PARTITIONS. USE MOISTURE RESISTANT GYPSUM BOARD IN RESTROOM
8. INSTALL FIRE RATED BLOCKING AS REQUIRED FOR MOUNTING OF WALL EQUIPMENT AND ACCESSORIES
9. VERIFY ANY EQUIPMENT ROUGH-INS AND MOUNTING REQUIREMENTS WITH SUPPLIER.
10. ALL AREAS SHALL COMPLY WITH ADA AND TAS (AMERICANS WITH DISABILITIES ACT AND TEXAS ACCESSIBILITY STANDARDS...):
 - A. CLEAR DOOR OPENING WIDTH SHALL BE 2'-8" (USE 3'-0" DOORS)
 - B. USE COMMERCIAL GRADE HARDWARE WITH LEVER-TYPE HANDLE AT 36" A.F.F. (VERIFY WITH EXISTING)
 - C. DOOR OPENING FORCE SHALL NOT EXCEED 5 POUNDS.
 - D. THRESHOLDS SHALL NOT EXCEED 1/2" IN HEIGHTS, UNLESS NOTED OTHERWISE.
 - E. DOOR SIGNAGE SHALL COMPLY WITH ADA SECTION 4.3.
11. INSULATION IN BUILDING SHALL HAVE A FLAME SPREAD NOT MORE THAN 25 AND A SMOKE DEVELOPMENT RATING NOT MORE THAN 450.

1	NEW FLOOR DRAIN - RE: PLUMBING DRAWINGS
2	SOPH DISPENSER, PROVIDED BY OWNER. INSTALL AT 42" A.F.F. TO DISPENSER HT.
3	PAPEr TOWEL DISPENSER, PROVIDED BY OWNER. INSTALL ABOVE SEMI-RECESSED TRASH CAN
4	TOILET TISSUE DISPENSER, PROVIDED BY OWNER. INSTALL ON SIDE WALL 7'-10" IN FRONT OF TOILET
5	NEW 36" GRAB BAR, BOBROCK B-8006 SERIES, SATIN FINISH
6	NEW 42" GRAB BAR, BOBROCK B-8006 SERIES, SATIN FINISH
7	24"W x 36"H MIRROR - MOUNT BOTTOM @ 40" A.F.F. MAX.
8	TRASH RECEPTACLE BRADLEY MODEL 344-10 SEMI-RECESSED, 22 GA. STAINLESS
9	2X2 CERAMIC TILE, COLOR A (FIELD COLOR)
10	2X2 CERAMIC TILE, COLOR B (ACCENT COLOR)
11	PAINTED GYP. BD.
12	WRAP / INSULATE EXPOSED PIPES UNDER SINK
13	SINGLE BOWL, STAINLESS STEEL SINK, PROVIDED BY OWNER
14	COUNTERTOP REFRIGERATOR RE: PLUMBING DRAWINGS
15	FREEZER - 2X2 W 2X 4H PROVIDED BY OWNER. PROVIDE POWER
16	SCHEDULED WALL BASE
17	NEW WALL-MOUNTED WARE CLOSET - RE: PLUMBING DRAWINGS
18	NEW WALL-MOUNTED LAVERARY - RE: PLUMBING DRAWINGS
19	INSTALL RELOCATED MARKER BD. (BTM. OF BOARD @ 3'-0" A.F.F.), PROVIDE BLOCKING IN WALL AS REQUIRED FOR PROPER INSTALLATION
20	INSTALL RELOCATED TACK BD. (BTM. OF BOARD @ 3'-0" A.F.F.), PROVIDE BLOCKING IN WALL AS REQUIRED FOR PROPER INSTALLATION
21	INSTALL RELOCATED PA SYSTEM. MATCH MOUNTING HEIGHT OF OTHER EXISTING CLASSROOMS. VERIFY LOCATION OF PA SYSTEM WITH OWNER FOR INSTALLATION
22	INSTALL RELOCATED CEILING MOUNTED PROJECTOR. PROVIDE NEW POWER TO PROJECTOR. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION
23	NEW 8FT. MARKER BD. IN CONFERENCE ROOM, (BTM. OF BOARD @ 3'-0" A.F.F.), PROVIDE BLOCKING IN WALL AS REQUIRED FOR PROPER INSTALLATION. CLAUDINE SERIES I. PORCE-JAN ENAMEL. PANEL TYPE L3C MARKERBOARD WITH CHALK/TROUGH
24	NEW VCT FLOORING AND BASE. REFER TO FINISH SCHEDULE ON SHEET A301 FOR TILE INFORMATION (EACH SQUARE ON PLAN REPRESENTS ONE 12"x12" TILE)
25	NEW VCT ACCENT TILE. REFER TO FINISH SCHEDULE ON SHEET A301 FOR TILE INFORMATION (EACH SQUARE ON PLAN REPRESENTS ONE 12"x12" TILE)
26	ACCENT WALL - REFER TO FINISH SCHEDULE FOR COLOR SELECTION



ELEMENT ARCHITECTS



04/XX/2021

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WEST CAMPUS
LEGACY CLINIC

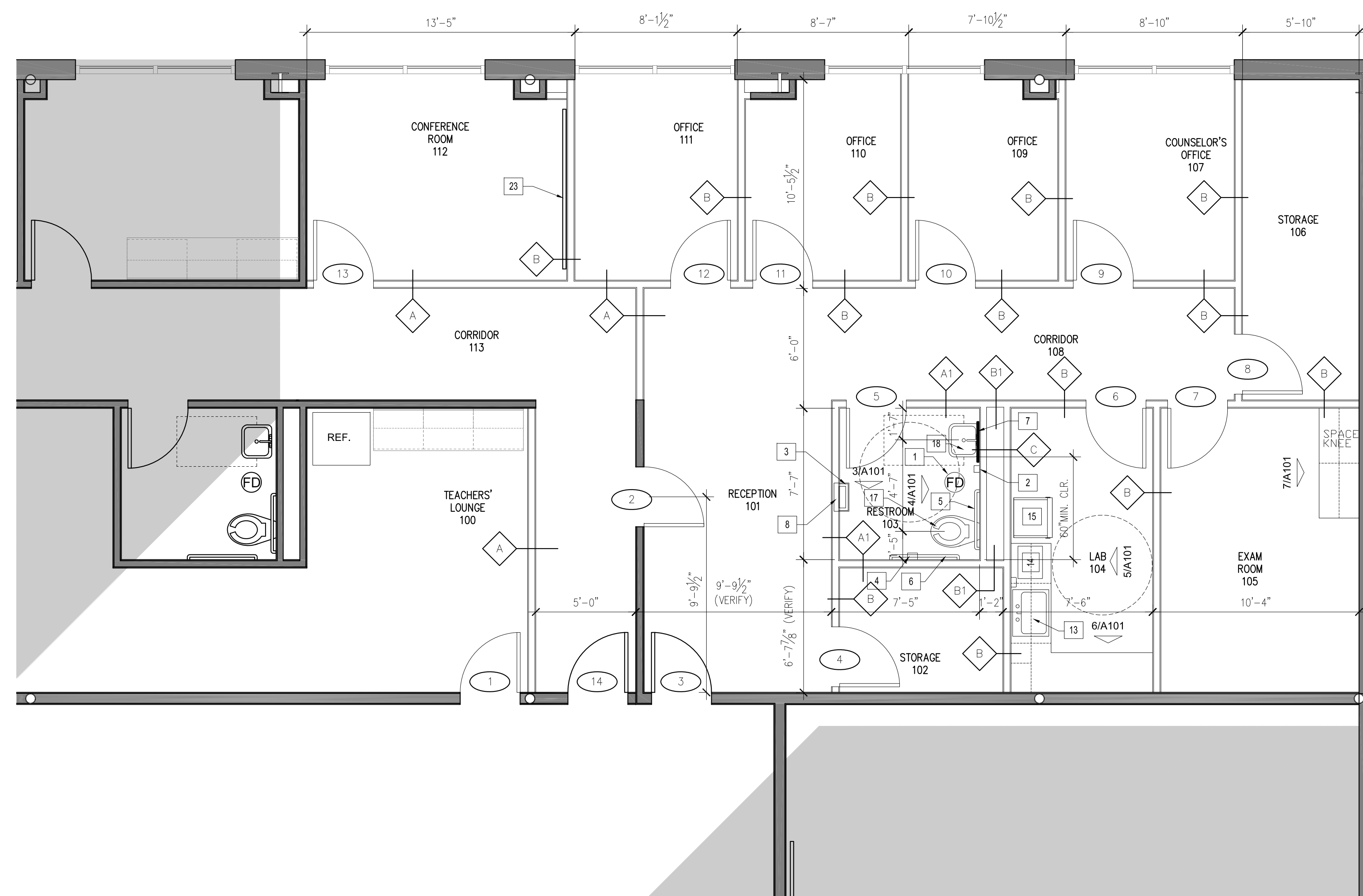
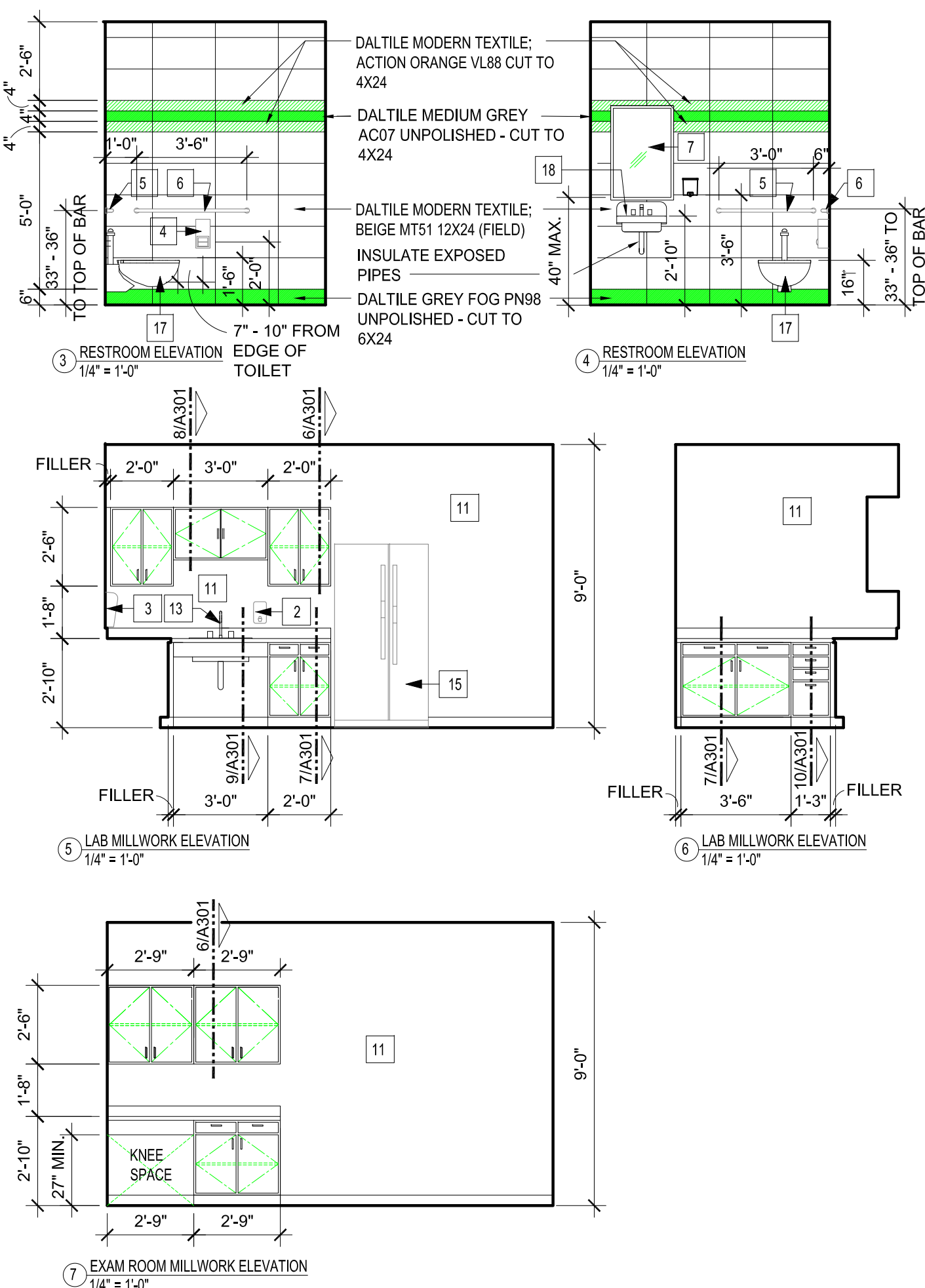
10535 HARWIN DRIVE
HOUSTON, TEXAS 77036

NEW FLOOR PLAN

Project Number	21034
Date	03/24/21
Drawn By	
Checked By	

A101

	Scale
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SCALE: 1/4" = 1'-0"

2	
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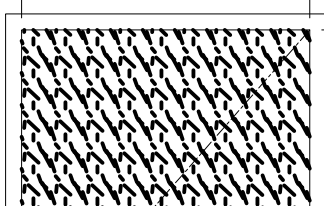
DOOR SCHEDULE									
MARK	ROOM	HARDWARE SET	DOOR ELEV.	DOOR		FRAME MATERIAL	THRESHOLD	REMARKS	
				WIDTH	HT.				
1	TEACHER'S LOUNGE	2	A	3'-0"	7'-0"	ALUM	A		
2	RECEPTION 101	2	A	3'-0"	7'-0"	ALUM	A		
3	RECEPTION 101	2	A	3'-0"	7'-0"	ALUM	A		EXITING DOOR TO REMAIN. REPLACE HARDWARE WITH OFFICE FUNCTION LOCKSET
4	STORAGE 102	1	A	3'-0"	7'-0"	ALUM	A		
5	RESTROOM 103	3	A	3'-0"	7'-0"	ALUM	B		
6	LAB 104	2	A	3'-0"	7'-0"	ALUM	A		
7	EXAM ROOM 105		A	3'-0"	7'-0"	ALUM	A		EXITING DOOR/FRAME AND HARDWARE, RELOCATED FROM CONFERENCE ROOM
8	STORAGE 106	1	A	3'-0"	7'-0"	ALUM	A		
9	COUNSELOR'S OFFICE	2	A	3'-0"	7'-0"	ALUM	A		
10	OFFICE 109	2	A	3'-0"	7'-0"	ALUM	A		
11	OFFICE 110	2	A	3'-0"	7'-0"	ALUM	A		EXITING DOOR/FRAME, RELOCATED FROM TEACHER'S LOUNGE, REPLACE LOCKSET
12	OFFICE 111	2	A	3'-0"	7'-0"	ALUM	A		
13	CONF. ROOM 112	4	A	3'-0"	7'-0"	ALUM	A		
14	CORRIDOR 113		A	3'-0"	7'-0"	ALUM			EXITING DOOR/FRAME AND HARDWARE TO REMAIN
15	CLASSROOM 228	5	A	3'-0"	7'-0"	ALUM	A		EXITING FRAME, RE-USE EXISTING DOOR PANEL FROM FIRST FLOOR CLASSROOM

HARDWARE SET #1 (STORAGE)			
3 HINGES	TA2714 4 5.0 X 4.5 NRP	652	MC
1 STORE ROOM STOP	9K37D150 S3 PATD	626	BE
1 SEALS	409411H AS REQUIRED	626	RO
	BY DOOR/FRAME MANUFACTURER		

HARDWARE SET #5 (CLASSROOM)			
3 HINGES	TA2714 4 5.0 X 4.5 NRP	652	MC
1 LOCKSET	9K37D150 S3 PATD	626	BE
	CORMAX PATENTED HINGES S3		
1 CONSTRUCTION CORE	1CC7A2	GRN	BE
1 WALL BUMPER	409	630	RO

HARDWARE SET #2 (RECEPTION, LAB, OFFICE)			
3 HINGES	TA2714 4 4.5 X 4.5 NRP	652	MC
1 OFFICE	9K37D150 S3 PATD	626	BE

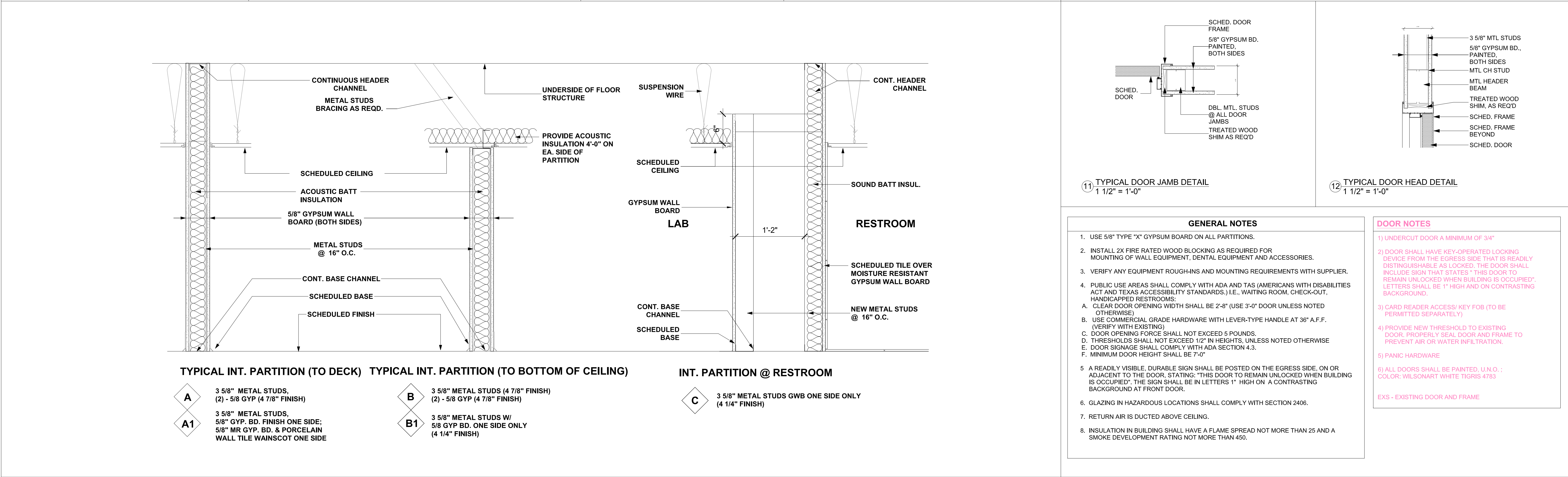
RE: DOOR SCHEDULE

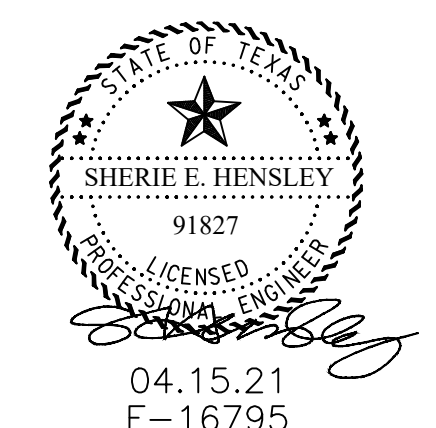


HARDWARE NOTE: PLEASE VERIFY WITH SCHOOL AND EXISTING CAMPUS HARDWARE TO MAKE SURE NEW HARDWARE MATCHES EXISTING PRIOR TO ORDERING.

CLOSER	351 Q/P9 TB	689	SA
1 STOP	409/441H AS REQUIRED	626	RO
1 SEALS	BY DOORFRAME MANUFACTURER		
HARDWARE SET #3 (RESTROOM)			
3 HINGES	TA2714 4.4 S X 4.5 NRP	652	MC
1 PRIVACY	9K3-OL15D S3 PATD	626	BE
1 INDICATOR DEADLOCK	D292	626	YA
1 STOP	409/441H AS REQUIRED	626	RO
1 SEALS	BY DOORFRAME MANUFACTURER		
HARDWARE SET #4 (EXAM ROOM, CONFERENCE ROOM)			
3 HINGES	TA2714 4.4 S X 4.5 NRP	652	MC
1 PASSAGE	9K3-ON15D S3 PATD	626	BE
1 STOP	409/441H AS REQUIRED	626	RO
1 SEALS	BY DOORFRAME MANUFACTURER		

SCHED. FRAME





Project Number	21034
Date	03/24/2
Drawn By	SEH
Checked By	SEH
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Scale	AS NOTED

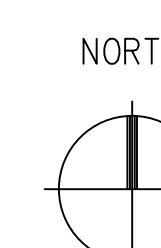
1. RELOCATE EXISTING THERMOSTAT (DDC CONTROLS), COORDINATE EXACT LOCATION WITH OWNER.
2. EXTEND EXHAUST THROUGH WALL, TERMINATE WITH WALL CAP. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. REUSE EXISTING AIR DEVICE, OR PROVIDE NEW TO MATCH EXISTING. NECK SIZE AS INDICATED OR LARGER. RUN-OUT TO MATCH AIR DEVICE NECK SIZE.
4. EXISTING TO REMAIN.
5. RELOCATED EXISTING AIR DEVICE OR PROVIDE NEW TO MATCH EXISTING. NECK SIZE AS INDICATED OR LARGER. RUN-OUT TO MATCH AIR DEVICE NECK SIZE.
6. REBALANCE EXISTING FAN POWERED VAV PARALLEL BOX TO CFM SCHEDULED.

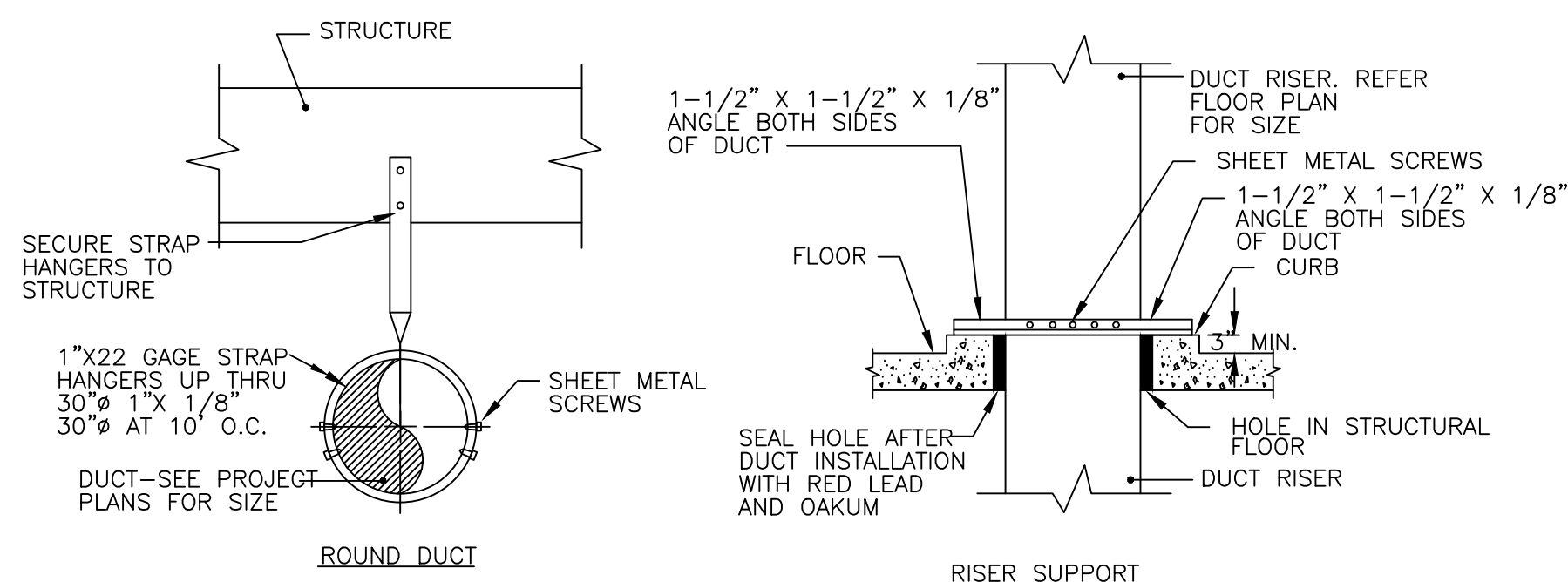
2 SECOND FLOOR MECHANICAL PLAN
1/4" = 1'-0"

1 FIRST FLOOR MECHANICAL PLAN
1/4" = 1'-0"

SECOND FLOOR KEYPLAN

FIRST FLOOR KEYPLAN





(VARIOUS METHODS OF ATTACHMENT)
NOT TO SCALE



DUCT & PIPING MATERIAL & INSULATION SCHEDULE		
SYSTEM	DUCT/PIPING MATERIAL	INSULATION MATERIAL
SUPPLY & RETURN DUCT (RECTANGULAR)	GALVANIZED SHEET METAL LINER	JOHNS MANVILLE PERMACOTE UNACUSTIC OR EQUAL, 1-1/2 LB/CU FT, NFPA 25/50 FLAME SPREAD AND SMOKE DEVELOPED RATING, MINIMUM INSTALLED R-6 INSIDE AND R-8 OUTSIDE BUILDING ENVELOPE.
SUPPLY & RETURN DUCT (SPIRAL/ROUND)	SPIRAL/ROUND DUCT LINER INSULATION	CERTANTEED TOUGHGUARD ULTRA/ROUND SPIRAL DUCT LINER, NFPA 25/50 FLAME SPREAD AND SMOKE DEVELOPED RATING, MINIMUM INSTALLED R-6 INSIDE AND R-8 OUTSIDE BUILDING ENVELOPE.
EXHAUST DUCT	GALVANIZED SHEET METAL, UNLINED	NONE
FLEXIBLE SUPPLY DUCT	UL 181, CLASS 1, INTERLOCKING SPIRAL OF ALUMINUM FOIL	THERMAFLEX M-KE, FIBERGLASS INSULATION, FIBERGLASS REINFORCED VAPOR-BARRIER FILM, MINIMUM INSTALLED R-6 INSIDE AND R-8 OUTSIDE BUILDING ENVELOPE.
NOTES:		
1. DUCT AND PLENUMS SHALL BE SEALED IN ACCORDANCE WITH THE MECHANICAL CODE AND SMACNA METHOD A.		

FAN SCHEDULE									
EQUIPMENT NO.	SERVICE	LOCATION	CFM	STATIC PRESSURE (IN WC)	ELECTRICAL V/ø/Hz	ELECTRICAL HP/RPM	MANUFACTURER AND MODEL	WEIGHT (LBS)	NOTES
EF-5	TOILET LEVEL 1	CEILING	80	0.10	120/1/60	43.1 WATTS	BROAN A80	10	1
NOTES: 1. PROVIDE MODEL SPECIFIED OR APPROVED EQUAL.									

EXISTING TERMINAL BOX SCHEDULE									
NAME	LOCATION	CFM	SIZE	MAKE/MODEL	CFM MAX	CFM MIN	KW	MOTOR HEAT	HP
EFP-VAV-1-1	LEVEL 1 LEGACY	1450	D	EXISTING CARRIER 45MN-7	2050	1500	7.5/2771/160	480/360	0.75
EFP-VAV-1-2	LEVEL 1 OFFICE	600	B	EXISTING CARRIER 45MN-4	1448	600	3.2771/160	480/360	0.25
EFP-VAV-2-1	LEVEL 2 CLASS	900	B	EXISTING CARRIER 45MN-4	1448	600	3.2771/160	480/360	0.25



Scale	AS NOTED
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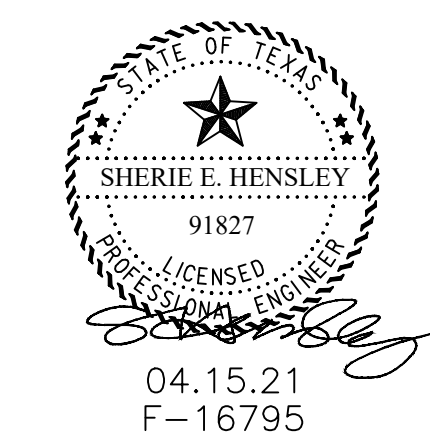


yes prep
PUBLIC SCHOOLS



ENGINEERS

H4ENGINEERS.COM
25215 OAKHURST DR
SPRING, TEXAS 77386
281.528.8584
TX-F-16795

[illegible]

YES PREP SCHOOL

WEST CAMPUS
LEGACY CLINIC

10535 HARWIN DRIVE
HOUSTON, TEXAS 77036

MECHANICAL SPECIFICATIONS

Project Number	21034
Date	03/24/21
Drawn By	SEH
Checked By	SEH
<div style="font-size: 48px; margin-top: 50px;">M301</div>	
Scale	AS NOTED

DIVISION 23 – HEATING VENTILATING AND AIR CONDITIONING	
230000	HVAC BASIC REQUIREMENTS
A.	MINIMUM STANDARDS FOR ALL WORK SHALL BE CITY OF HOUSTON AMENDMENTS TO 2012 INTERNATIONAL BUILDING CODE, 2012 UNIFORM MECHANICAL CODE, AND 2015 INTERNATIONAL ENERGY CONSERVATION CODE.
B.	REFERENCES: THE STANDARDS MENTIONED HEREIN WILL BE REFERRED TO THE DESIGN OF MECHANICAL SYSTEMS. THE ENGINEER WILL SELECT APPROPRIATE SECTIONS OF THE STANDARD TO BE APPLIED IN ACCORDANCE WITH ESTABLISHED ENGINEERING PRINCIPLES AND PRACTICES.
1.	APPLICABLE SECTIONS OF NFPA
2.	AMERICANS WITH DISABILITIES ACT (ADA)
3.	TEXAS ACCESSIBILITY STANDARDS (TAS)
C.	SITE CONDITIONS: BEFORE SUBMITTING ANY PROPOSAL, EXAMINE THE PROPOSED SITE AND DETERMINE ANY CONDITIONS THAT MAY AFFECT THE WORK. NO ALLOWANCE SHALL BE MADE FOR FAILURE TO MAKE SURVEY EXAMINATIONS.
D.	THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIALS, AND LABOR TO SATISFY A COMPLETE WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
E.	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL OTHER TRADES INCLUDING ARCHITECT, STRUCTURAL, CIVIL, PLUMBING AND ELECTRICAL.
F.	DO NOT SCALE FROM THE ENGINEERED DRAWINGS. REFER TO THE CONDITIONED DRAWINGS OF THE ARCHITECT FOR EXACT LOCATIONS OF FIXTURES, EQUIPMENT, ETC.
G.	THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS REQUIRED FOR THE INSTALLATION OF WORK AND PAY ALL INCIDENTAL CHARGES.
H.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL TESTS NECESSARY TO PREVENT CONCEALMENT OF DEFECTIVE OR IMPROPER WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION THOROUGHLY AND RENDER IT FROM LEAKS OR IMPROPER CONNECTIONS.
I.	PROTECT EQUIPMENT AND WORK FROM DAMAGE DURING HANDLING AND INSTALLATION. REMOVE ALL DEBRIS FROM THE CONSTRUCTION, REMOVE ALL EXCESS DEBRIS AND CLEAN ALL EQUIPMENT UPON COMPLETION OF WORK. TOUCH UP WITH PAINT WHERE REQUIRED.
230513	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT
A.	PROVIDE HIGH EFFICIENCY MOTORS IN ACCORDANCE WITH INTERNATIONAL ENERGY CONSERVATION CODE.
230548	VIBRATION ISOLATION
A.	VIBRATION ISOLATION WILL BE PROVIDED AS REQUIRED TO MINIMIZE TRANSMISSION OF VIBRATION. EQUIPMENT AND PIPING SHALL HAVE ISOLATORS INSTALLED AT POINTS OF SUPPORT. APPROVED MANUFACTURERS: AMBER/BOOTH, MASON, KINETICS NOISE CONTROL, VIBRO-Acoustics.
230593	TESTING, ADJUSTING, AND BALANCING FOR HVAC
A.	ADJUST ALL AIR SYSTEM DAMPERS AND VOLUME CONTROLLERS TO OBTAIN PROPER AIR BALANCE THROUGHOUT THE CONDITIONED AREA. AIR QUANTITY THROUGHOUT THE ENTIRE SYSTEM FOR INDIVIDUAL OUTLETS MAY BE CHANGED TO OBTAIN UNIFORM TEMPERATURE WITHIN EACH ZONE, BUT THE TOTAL AIR QUANTITY SHOWN FOR EACH ZONE MUST BE OBTAINED WITHIN $\pm 4\%$ - $\pm 10\%$ MAXIMUM TEMPERATURE VARIATION WITHIN A ZONE SHALL BE 2°F .
B.	ADJUST ALL BLOWER DRIVES TO OBTAIN PROPER TOTAL AMOUNTS OF AIR, INCLUDING EXHAUST AND OUTSIDE AIR SUPPLY.
C.	CALIBRATE, SET, AND ADJUST ALL AUTOMATIC TEMPERATURE CONTROLS.
D.	PROVIDE A WRITTEN REPORT TO THE OWNER AND ENGINEER IN ACCORDANCE WITH ASHRAE, NEBB, OR ASHRAE 111.
230713	DUCT INSULATION
A.	ACOUSTICAL LINER: JOHNS MANVILLE PERMACOTE UNACOUSTIC OR APPROVED ALIKE; DENSITY 1-1/2 LB PER CUBIC FOOT OR GREATER. "K" VALUE NOT MORE THAN 0.28 AT 75°F MIN TEMPERATURE DIFFERENCE. INTERIOR FACE OF LINER SHALL BE COATED WITH A SMOOTH, POLYMER BASED SUBSTANCE THAT INHIBITS MICROBIOLOGICAL GROWTH, DOES NOT HAVE CAVITIES FOR COLLECTION OF DIRT AND DEBRIS, AND MEETS NFPA 25/50 STANDARDS FOR FLAME SPEED AND SMOKE DEVELOPED RATINGS. THE MANUFACTURER SHALL CERTIFY THAT THE SURFACE COATING IS CLEANABLE WITH INDUSTRY STANDARD DUCT CLEANING EQUIPMENT AND SHOW TYPE OF EQUIPMENT.
B.	ALL INSULATION TYPES MUST MEET THE MINIMUM REQUIREMENTS OF INTERNATIONAL ENERGY CONSERVATION CODE.

233993 SEQUENCE OF OPERATIONS FOR HVAC CONTROLS

A. AIR TERMINALS – PARALLEL FAN POWERED

1. FAN TURNS ON/OFF WHEN ASSOCIATED AHU TURNS ON/OFF.
2. ZONE REHEAT
3. DEMAND CONTROL VENTILATION (CO2 SENSOR)
 - a. ZONE CONTROLLER MONITORS CO2 SENSOR AND CAN OVERRIDE TEMPERATURE CONTROL TO RESPOND TO INCREASING CO2 LEVELS WHEN THE ZONE IS OCCUPIED.
 - b. WHEN ZONE IS UNOCCUPIED, MINIMUM AIRFLOW PROVIDES BASE VENTILATION.
 - c. AUXILIARY HEAT – THE CONTROLLER WILL MAINTAIN ZONE'S TEMPERATURE AT A HEATING SETPOINT THAT IS TEMPORARILY INCREASED TO HALFWAY BETWEEN THE HEATING AND COOLING SETPOINTS WHENEVER DOV IS ACTIVE.

B. PRESSURE RELIEF VIA EXISTING BAROMETRIC RELIEF HOOD.

C. EXHAUST FAN TO BE INTERLOCKED WITH OCCUPANCY SENSOR.

233113 METAL DUCTS

A. DRAWING PLANS, SCHEMATICS, AND DIAGRAMS INDICATE GENERAL LOCATION AND ARRANGEMENT OF DUCT SYSTEM. INDICATED DUCT LOCATIONS, CONFIGURATIONS, AND ARRANGEMENTS WERE USED TO SIZE DUCTS AND CALCULATE FRICTION LOSSES FOR AIR-HANDLING EQUIPMENT SIZING AND FOR OTHER DESIGN CONSIDERATIONS. INSTALL DUCT SYSTEMS AS INDICATED UNLESS DEVIATIONS TO LAYOUT ARE APPROVED ON SHOP DRAWINGS.

B. GENERAL MATERIAL REQUIREMENTS: COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS – METAL AND FLEXIBLE" FOR ACCEPTABLE MATERIALS, MATERIAL THICKNESS, AND DUCT CONSTRUCTION METHODS UNLESS OTHERWISE INDICATED. SHEET METAL MATERIALS SHALL BE FREE OF PITTING, SEAM MARKS, ROLLER MARKS, STAINS, DISCOLORATIONS, AND OTHER IMPERFECTIONS.

1. DUCTS CONNECTED TO AIR HANDLING EQUIPMENT: GALVANIZED SHEET STEEL; COMPLY WITH ASTM A 653/A 653M.
 - a. GALVANIZED COATING DESIGNATION: 660.

C. HANGER SPACING: COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS – METAL AND FLEXIBLE," TABLE 5-1, "RECTANGULAR DUCT HANGERS MINIMUM SIZE," and TABLE 5-2, "MINIMUM HANGER SIZES FOR ROUND DUCT," FOR MAXIMUM HANGER SPACING. INSTALL HANGERS AND SUPPORTS WITHIN 24 INCHES OF EACH ELBOW AND WITHIN 48 INCHES OF EACH BRANCH INTERSECTION.

233300 AIR DUCT ACCESSORIES

A. VOLUME DAMPERS: PROVIDE VOLUME DAMPERS IN BRANCH DUCTWORK AS REQUIRED FOR PROPER BALANCING OF THE SUPPLY AND RETURN AIR SYSTEMS.

B. FLEXIBLE DUCTWORK

1. INSULATED, FLEXIBLE DUCT: UL 181, CLASS 1, INTERLOCKING SPIRAL OF ALUMINUM FOIL; FIBERGLASS INSULATION; FIBERGLASS REINFORCED VAPOR-BARRIER FILM WITH A FLAME SPREAD LESS THAN 25; SMOKE DEVELOPED LESS THAN 50 SIMILAR TO THERMAFLEX M-K6, MINIMUM R-6 INSIDE AND R-8 OUTSIDE BUILDING ENVELOPE.
2. CONNECT FLEXIBLE DUCT TO METAL DUCT WITH ADHESIVE AND SHEET METAL CLAMP.
3. CONNECT AIR DEVICES WITH A MAXIMUM 6 FT LENGTH OF FLEXIBLE DUCT CLAMPED OR STRAPPED IN PLACE.

C. FLEXIBLE CONNECTORS: PROVIDE FLEXIBLE CONNECTORS AT ALL AIR HANDLING EQUIPMENT.

- a. INDOOR FLEXIBLE CONNECTOR FABRIC: GLASS FABRIC DOUBLE COATED WITH NEOPRENE.
- a. MINIMUM WEIGHT: 26 OZ./SQ.YD.
- b. TENSILE STRENGTH: 480 LBF/INCH N THE WARP AND 360 LBF/INCH IN THE FILLING.
- c. SERVICE TEMPERATURE: MINUS 40 TO PLUS 200 DEG F.

ENERGY CODE COMPLIANCE REQUIREMENTS

COMMISSIONING PLAN

A. AIR SYSTEM BALANCE

1. ADJUST ALL AIR SYSTEM DAMPERS AND VOLUME CONTROLLERS TO OBTAIN PROPER AIR BALANCE THROUGHOUT THE CONDITIONED AREA. THE AIR QUANTITIES SHOWN ON THE DRAWINGS FOR INDIVIDUAL OUTLETS MAY BE CHANGED TO OBTAIN UNIFORM TEMPERATURE WITHIN EACH ZONE AND BE WITHIN +/- 1% OF SCHEDULED VALUES AND THE TOTAL AIR QUANTITY SHOWN FOR EACH ZONE SHALL BE OBTAINED WITHIN +/- 10% MAXIMUM TEMPERATURE VARIATION WITHIN A ZONE SHALL BE 2°F.

2. ADJUST ALL BLOWER DRIVERS TO OBTAIN PROPER TOTAL AMOUNTS OF AIR, INCLUDING EXHAUST AND OUTSIDE AIR SUPPLY.

3. CALIBRATE, SET, AND ADJUST ALL AUTOMATIC TEMPERATURE CONTROLS.

4. PROVIDE A WRITTEN REPORT TO THE OWNER IN ACCORDANCE WITH AABC, NEBB, OR ASHRAE 111.

B. FUNCTIONAL PERFORMANCE TESTING

1. EQUIPMENT FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THE INSTALLATION AND OPERATION OF COMPONENTS, SYSTEMS, AND SYSTEM-TO-SYSTEM INTERFACING RELATIONSHIPS IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS SUCH THAT OPERATION, FUNCTION DRIVERS AND MAINTENANCE SERVICEABILITY FOR EACH OF THE COMMISSIONED SYSTEMS IS CONFIRMED. TESTING SHALL INCLUDE ALL MODES AND SEQUENCE OF OPERATION, INCLUDING UNDER FULL-LOAD, PART-LOAD, AND THE FOLLOWING EMERGENCY CONDITIONS:

a. ALL MODES AS DESCRIBED IN SEQUENCE OF OPERATION.

b. REDUNDANT OR AUTOMATIC BACK-UP MODE.

c. PERFORMANCE OF ALARMS

d. MODE OF OPERATION UNDER A LOSS OF POWER AND RESTORATION OF POWER.

e. EXCEPTION: UNITARY OR PACKAGED HVAC EQUIPMENT LISTED IN TABLES C403.2.3(1) THROUGH C403.2.3(3) THAT DO NOT REQUIRE SUPPLY AIR ECONOMIZERS.

C. CONTROLS

1. HVAC CONTROL SYSTEMS SHALL BE TESTED TO DOCUMENT THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT, AND SYSTEMS ARE CALIBRATED AND ADJUSTED AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS.

2. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED TO DOCUMENT THEY OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS.

D. ECONOMIZERS

1. AIR ECONOMIZERS SHALL BE FUNCTIONALLY TESTED TO DOCUMENT THAT THEY OPERATE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

E. COMMISSIONING REPORT

1. MECHANICAL CONTRACTOR SHALL PROVIDE A REPORT OF THE ABOVE COMMISSIONING TEST PROCEDURES AND RESULTS AND PROVIDE TO GENERAL CONTRACTOR TO COMPLETE WITH ELECTRICAL AND PLUMBING REPORTS.

2. CONTRACTOR SHALL IDENTIFY ANY DEFICIENCIES THAT HAVE NOT YET BEEN CORRECTED. DEFERRED TESTS THAT CANNOT BE PERFORMED AT THE TIME OF REPORT PREPARATION BECAUSE OF CLIMATIC CONDITIONS, AND CLIMATIC CONDITIONS REQUIRED FOR PERFORMANCE OF THE DEFERRED TESTS.

3. GENERAL CONTRACTOR SHALL PROVIDE COMPILED REPORT TO OWNER/REPRESENTATIVE.

DOCUMENTATION REQUIREMENTS

A. WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE THE FOLLOWING DOCUMENTS SHALL BE PROVIDED TO THE OWNER:

1. MANUALS: OPERATING AND MAINTENANCE MANUALS SHALL BE PROVIDED AND INCLUDE THE FOLLOWING:

a. SUBMITTAL DATA STATING EQUIPMENT SIZE AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.

b. OPERATION MAINTENANCE AND REPAIR MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE, EXCEPT EQUIPMENT NOT FURNISHED AS PART OF THE PROJECT, REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.

c. NAMES AND ADDRESS OF CONTACTS AT LEAST ONE SERVICE AGENCY.

d. HVAC CONTROLS SYSTEM MAINTENANCE AND CALIBRATION INFORMATION, INCLUDING WIRING DIAGRAMS, SCHEMATICS, AND CONTROL SEQUENCE DESCRIPTIONS, DESIRED OR FIELD-DETERMINED SET-POINTS SHALL BE PROVIDED FOR ANALOG OR DIGITAL CONTROL DRAWINGS AT CONTROL DEVICES OR FOR DIGITAL CONTROL SYSTEMS IN PROGRAMMING COMMENTS.

e. A COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE, INCLUDING SUGGESTED SET-POINTS.

PLUMBING GENERAL NOTES

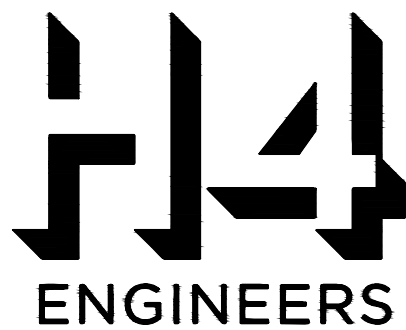
1. FIELD VERIFY ALL EXISTING CONDITIONS.
2. ALL PLUMBING EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
4. LOCATE SHUT-OFF VALVES ABOVE ACCESSIBLE CEILING AT ACCESSIBLE HEIGHT AT EACH FIXTURE GROUP.

PLUMBING KEY NOTES

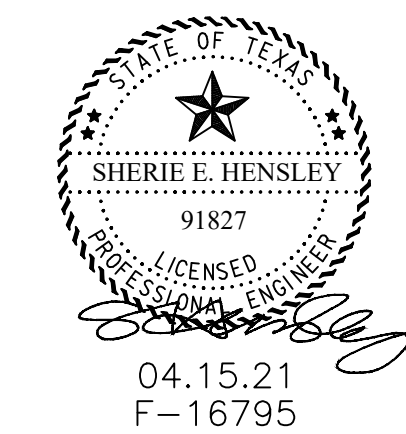
1. CONNECT NEW COLD WATER TO EXISTING.
2. CONNECT NEW VENT TO EXISTING.
3. CONNECT NEW SANITARY TO EXISTING.
4. WASTE DOWN, VENT UP, COLD WATER DOWN.
5. VENT UP FROM BELOW.
6. WASTE DOWN, VENT UP.

FIRE PROTECTION GENERAL NOTES

1. EXISTING BUILDING IS SPRINKLERED, RELOCATE AND/OR ADD ADDITIONAL SPRINKLER HEADS TO MATCH EXISTING, INCLUDING PIPE, FITTINGS, HANGERS, ACCESSORIES AS REQUIRED TO PROVIDE COMPLETE AUTOMATIC FIRE PROTECTION SYSTEM. COORDINATE SPRINKLER HEAD LOCATIONS WITH JURISDICTION, NFPA, AND FIRE CODES FOR REMODELED SPACE AND EXISTING UNREMODELED SPACE. COORDINATE SPRINKLER HEADS WITH EXACT LOCATIONS OF NEW SPRINKLER HEADS AND EXISTING PIPING WITH ARCHITECT.
2. PENETRATIONS THROUGH WALLS AND FLOORS WHERE FIRE RATING IS REQUIRED SHALL BE PROVIDED WITH U.L. LISTED, LOCAL JURISDICTION APPROVED SYSTEM.
3. ALL WORK ASSOCIATED WITH AND DONE TO THE BUILDING FIRE PROTECTION SYSTEM SHALL BE PERFORMED BY A STATE OF TEXAS LICENSED FIRE SPRINKLER CONTRACTOR.
4. CONTRACTOR SHALL SUBMIT SPRINKLER SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.



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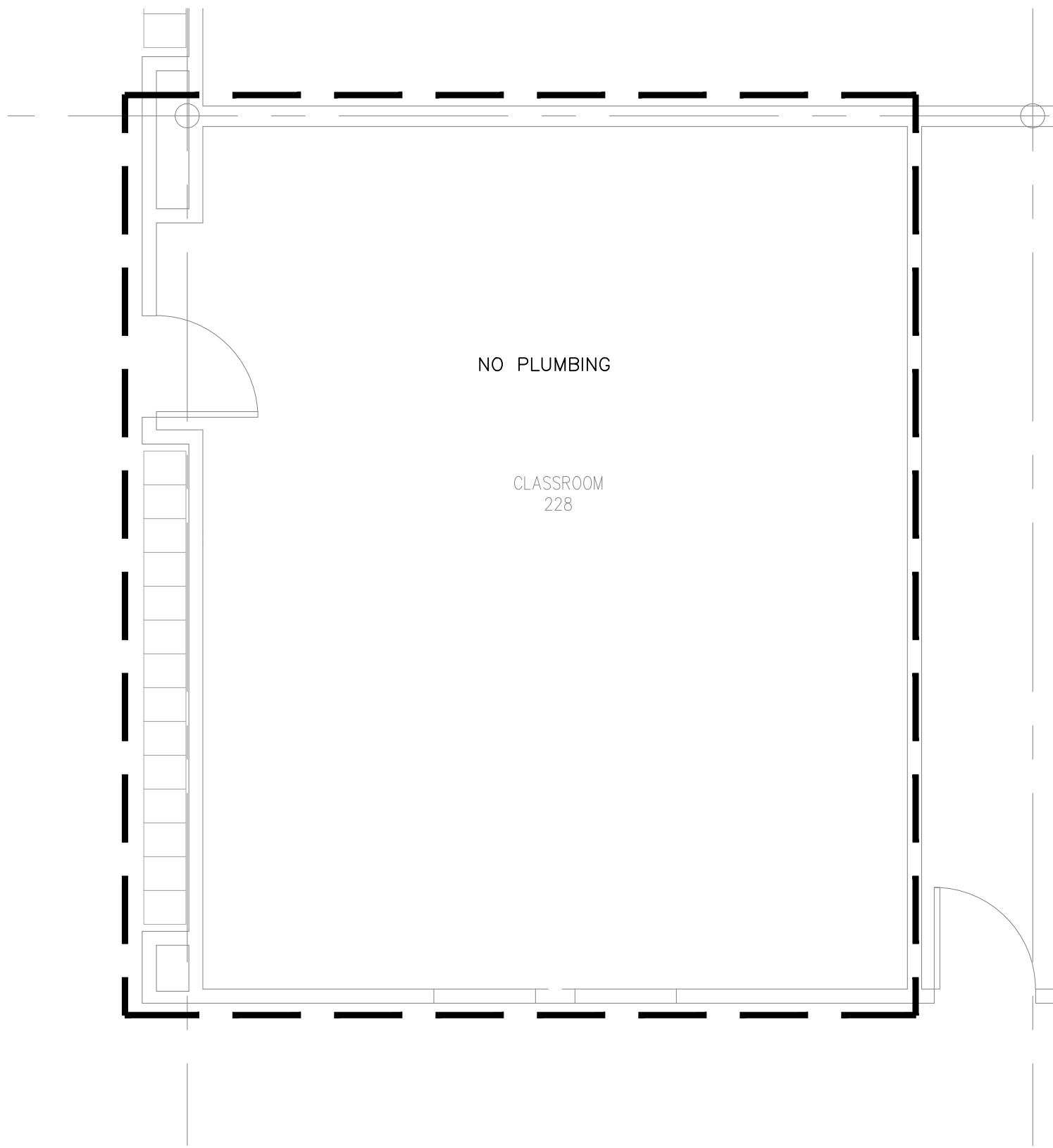
YES PREP SCHOOL

WEST CAMPUS LEGACY CLINIC

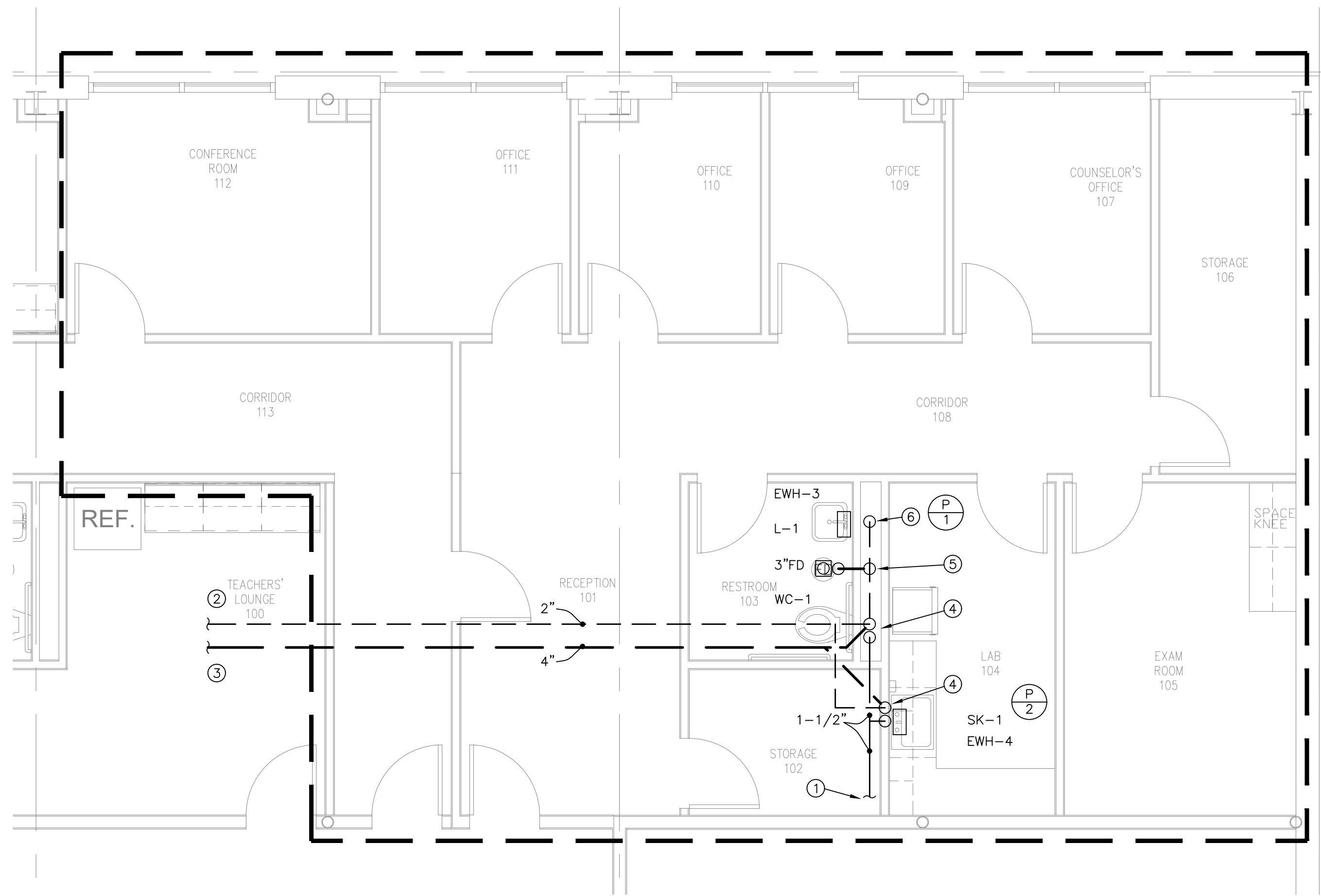
10535 HARWIN DRIVE
HOUSTON, TEXAS 77036

PLUMBING PLAN

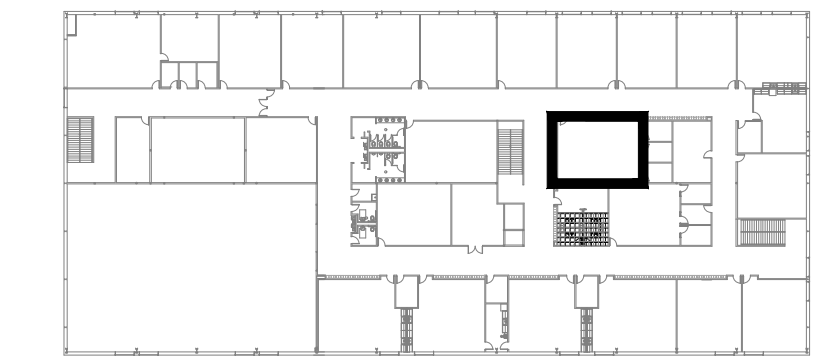
Project Number	21034
Date	03/24/21
Drawn By	SEH
Checked By	SEH
P101	
Scale	AS NOTED



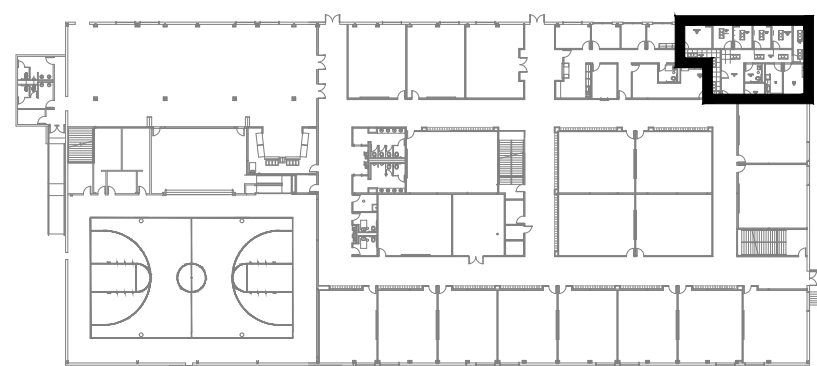
2 SECOND FLOOR PLUMBING PLAN
1/4" = 1'-0"



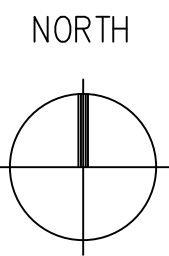
1 FIRST FLOOR PLUMBING PLAN
1/4" = 1'-0"



SECOND FLOOR KEYPLAN



FIRST FLOOR KEYPLAN



- #### LIGHTING KEY NOTES
1. OCCUPANCY SENSOR CEILING MOUNT WITH WALL SWITCH.
 2. RELOCATE EXISTING SWITCH AND EXIT SIGN IN TEACHER'S LOUNGE TO COORDINATE WITH NEW DOOR LOCATION.
 3. PROVIDE NEW LIGHTING CONTROLS AS SHOWN. CONNECT TO EXISTING CORRIDOR CONTROLS. REUSE EXISTING LIGHTING CIRCUIT. DO NOT EXCEED 16 AMPS ON ANY 20A/1P CIRCUIT.
 4. PROVIDE NEW LIGHTING CONTROLS AS SHOWN FOR SCOPE INSIDE DASHED BOX. REUSE EXISTING LIGHTING CIRCUIT. DO NOT EXCEED 16 AMPS ON ANY 20A/1P CIRCUIT.

CLASSROOM 228

1

4

AE

A

A


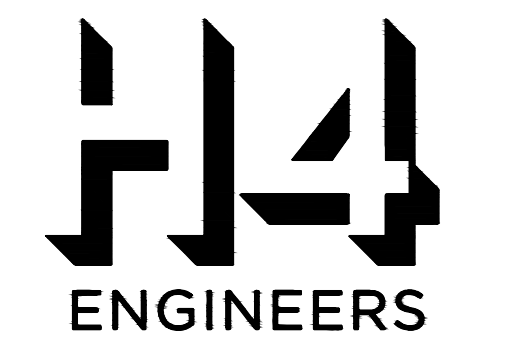
A

A

A

[illegible]

NORTH

A circular compass rose with a vertical line through the center. The top half is shaded black and labeled 'NORTH'. The bottom half is white and labeled 'SOUTH'. The left half is white and labeled 'WEST'. The right half is shaded black and labeled 'EAST'.

STATE OF TEXAS
 ★
 BRAD B. BOYER
 68704
 LICENSED PROFESSIONAL ENGINEER
 04.15.2021
 F-16795

[illegible]

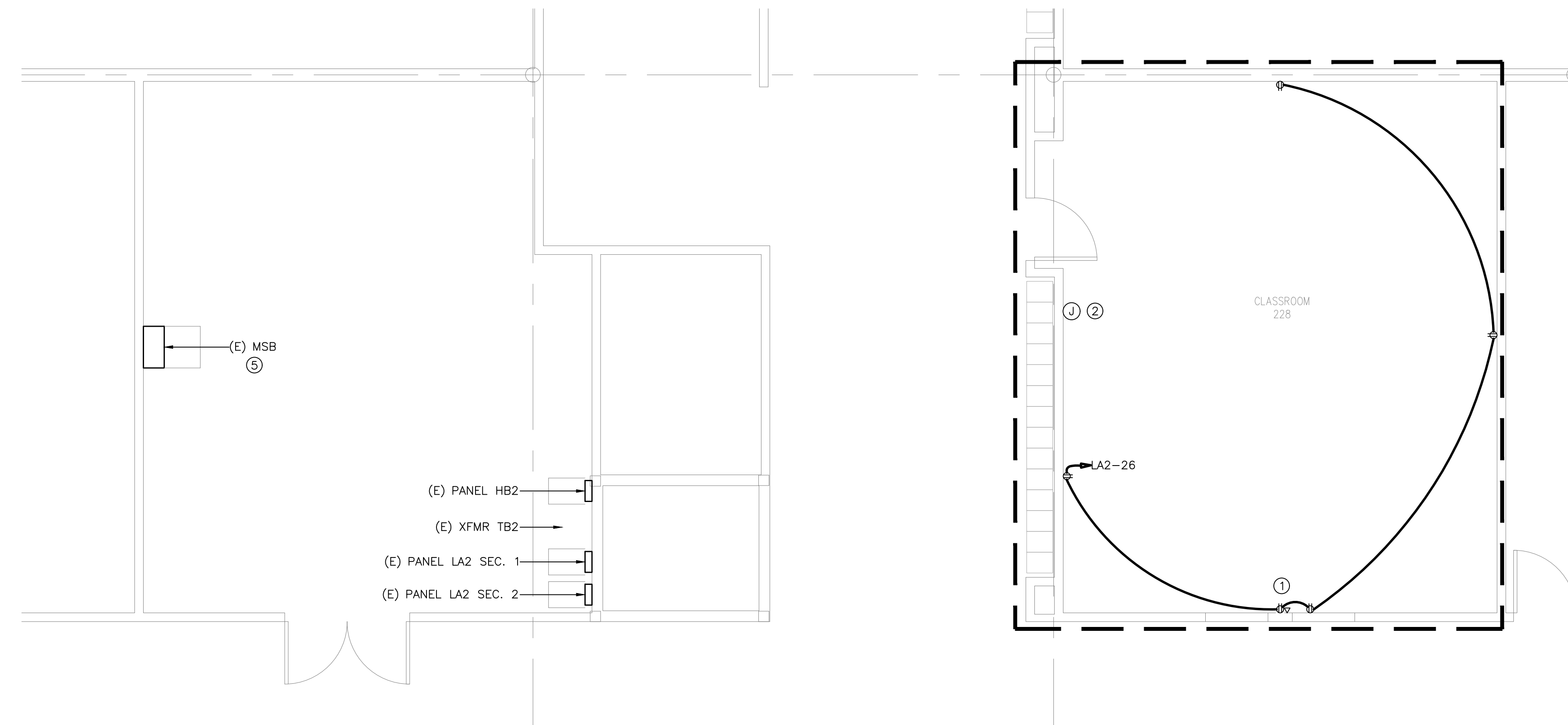
WEST CAMPUS
LEGACY CLINIC

LIGHTING PLAN

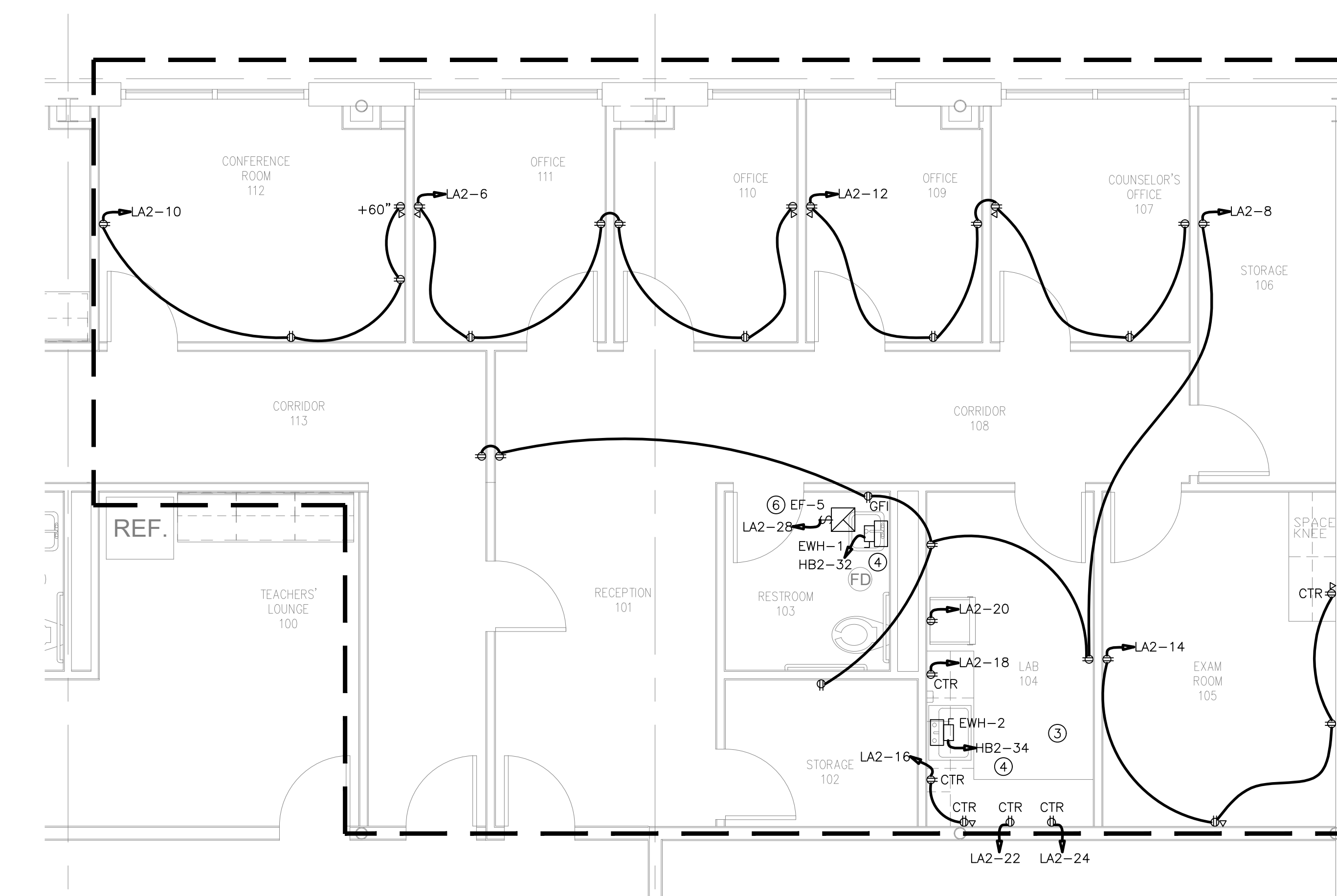
Project Number	21034
Date	03/24/21
Drawn By	DKS
Checked By	BBB
E101	
Scale	AS NOTED

1. FIELD VERIFY ALL EXISTING CONDITIONS.
2. ALL EXISTING POWER AND DATA DESIGNATED WITH (E).
3. ALL RECEPTACLES AT RESTROOMS AND WITHIN 6FT OF SINKS SHALL BE GFI.
4. ALL EXISTING PLUGS SHALL BE 20 AMP UNLESS NOTED OTHERWISE, PLUG AS INDICATED IN SCHEDULE OR AS PROVIDED BY MANUFACTURER.
5. ALL EQUIPMENT SHALL BE LISTED FOR ITS INTENDED USE.
6. CONFIRM ALL DATA LOCATIONS WITH OWNER.
7. REMOVE ALL ABANDONED CABLEING AND CONDUIT IN SPACE. TURN OFF UNUSED BREAKERS. UPDATE PANEL SCHEDULE AND LABELING.
8. REMOVE BREAKERS THAT ARE NOT CURRENTLY BEING USED OR BECOME AVAILABLE DUE TO DEMO. CIRCUIT NUMBERS SHOWN ARE DIAGRAMMATIC AND MAY NEED TO BE MODIFIED FOR FIELD CONDITIONS.

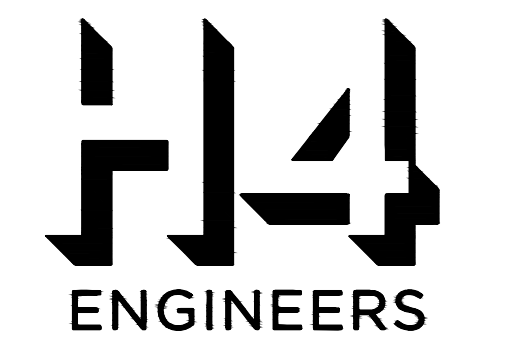
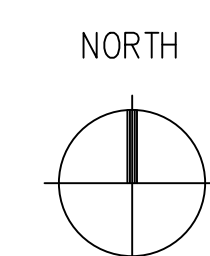
1. RECEPLING AND DATA TO BE LOCATED 4" BELOW CEILING. COORDINATE EXCAVATION LOCATION WITH WALL MOUNTED PROJECTOR WITH ARCHITECT.
2. ALL WALL MOUNTED PROJECTORS TO BE COORDINATE EXCAVATION LOCATION WITH ARCHITECT. CONFIRM EXCAVATION REQUIREMENTS WITH OWNER.
3. ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS OR LESS AND ONE LINE TO GROUND RECEPTS OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS INSTALLED WITHIN 6FT. OF THE TOP INSIDE EDGE OF THE SINK SHALL BE GROUNDED TO GROUND INTERFERER PROTECTION FOR PERSONNEL. IN ACCORDANCE WITH 2017 NEC, ARTICLE 210.8(B)(5).
4. DISCONNECT SHALL BE 30A/60V/1P/1N/1NF.
5. ALL ELECTRICAL LOCATION OF MSB ON LEVEL 1. FIELD VERIFY EXCAVATION LOCATION.
6. INTERLOCK EXHAUST FANS WITH LIGHTING CIRCUIT SERVING RESTROOM FOR SIMULTANEOUS OPERATION. INTERLOCK SHALL BE FIELD VERIFIED. INTERLOCK NECESSARY FOR COMPLETE AND OPERATING SYSTEM.



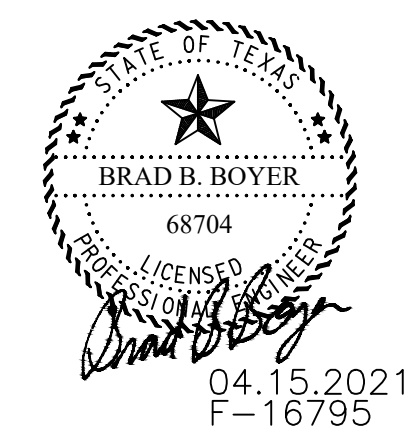
2 SECOND FLOOR POWER PLAN



1 FIRST FLOOR POWER PLAN



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[illegible]

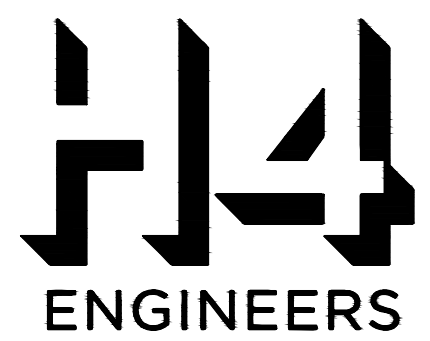
YES PREP SCHOOL

WEST CAMPUS
LEGACY CLINIC

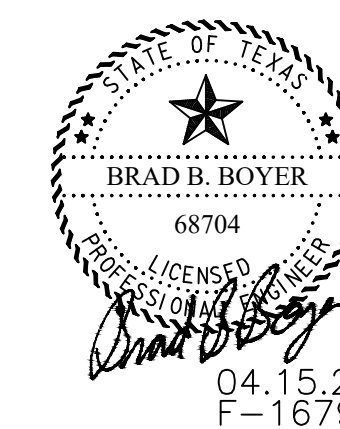
10535 HARWIN DRIVE
HOUSTON, TEXAS 77036

POWER PLAN

Project Number	21034
Date	03/24/21
Drawn By	DKS
Checked By	BBB
E111	
Scale	AS NOTED



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[illegible]

YES PREP SCHOOL

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LEGACY CLINIC

10535 HARWIN DRIVE
HOUSTON, TEXAS 77036

ELECTRICAL RISER DIAGRAM

Project Number	21034
Date	03/24/21
Drawn By	DKS
Checked By	BBB
E201	
Scale	AS NOTED

ELECTRICAL SYMBOLS	
SYMBOL	DESCRIPTION
	OCCUPANCY SENSOR SWITCH
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	MANUAL MOTOR STARTER
	NEMA 5-20R DUPLEX RECEPTACLE
	NEMA 5-20R DUPLEX RECEPTACLE (ABOVE COUNTER)
	NEMA 5-20R GF RECEPTACLE
	NEMA 5-20R QUADRUPLEX RECEPTACLE
	FLUSH FLOOR RECEPTACLE
	PEDESTAL MOUNTED NEMA 5-15R DUPLEX RECEPTACLE
	DATA OUTLET 1" CONDUIT TO ABOVE CEILING
	VOICE OUTLET
	COMBINATION DATA/VOICE OUTLET
	FLUSH FLOOR DATA OUTLET
	CIRCUIT HOMERUN - ARROWHEADS INDICATE QUANTITY OF CIRCUITS
	CONCEALED CONDUIT
	EXTERIOR CONDUIT BELOW GRADE
	CONCEALED CONDUIT BELOW SLAB
	MOTOR
	TV CABLE OUTLET
	EXIT LIGHT
	POLE-MOUNTED SITE LAMP
	JUNCTION BOX
	SMOKE DETECTOR
	FIRE ALARM - HORN/STROBE
	EMERGENCY LIGHT - WALL PACK
	DISCONNECT

TYPE	MANUFACTURER	MODEL	VOLTS	LAMP	DESCRIPTION	NOTES
A	LITHONIA	EPANL-2X4-4000LMHE-80-40K-MN10	277	39	2X4 LED	ALL
AE	LITHONIA	EPANL-2X4-4000LMHE-80-40K-MN10-E10WCP	277	39	2X4 LED WITH 1.5 HR BATTERY BACKUP	ALL
X	MATCH EXISTING	MATCH EXISTING	277	5	EXIT LIGHT WITH 1.5 HR BATTERY BACKUP	2,3

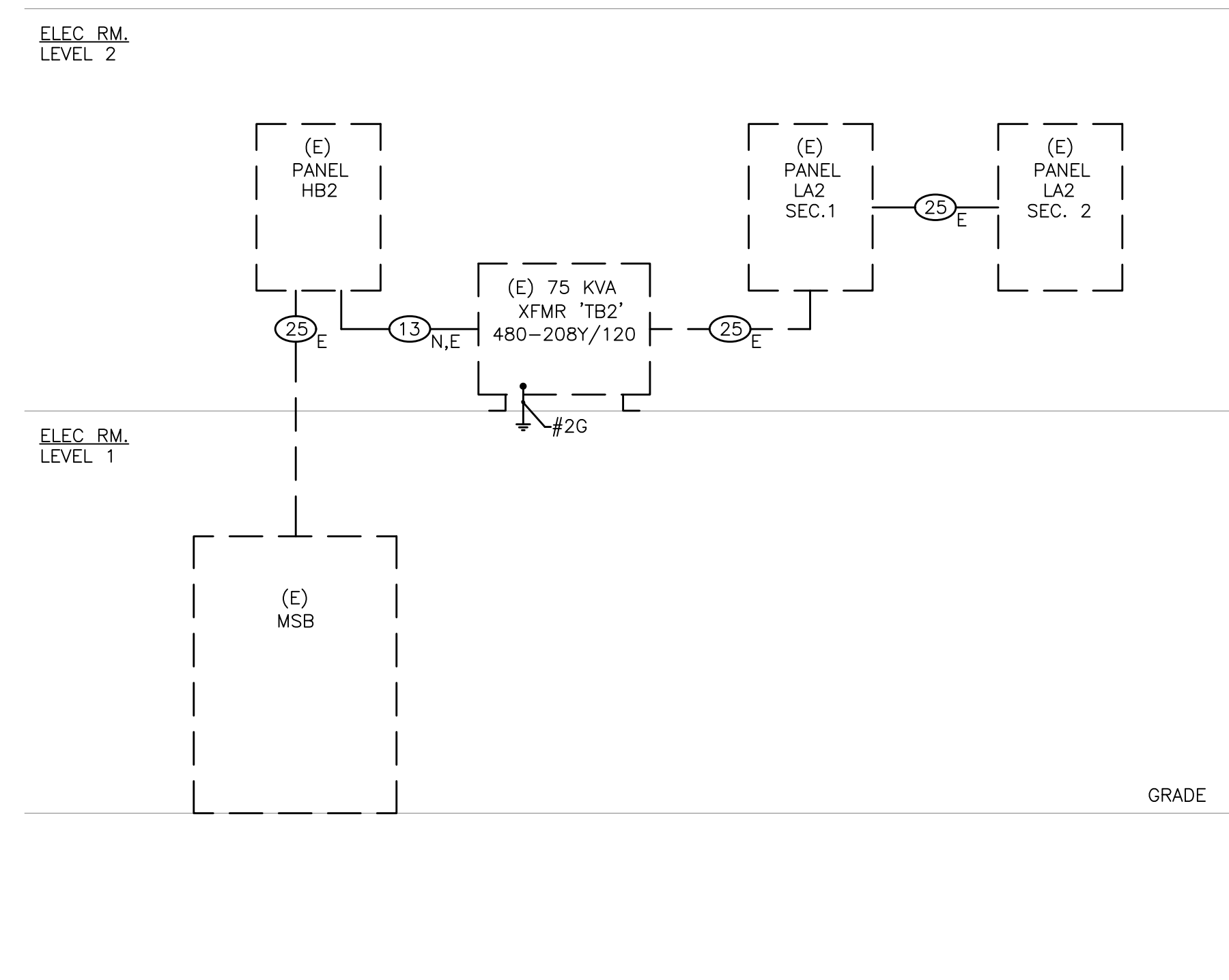
NOTES

1. LIGHTING CONTROLS TO CONTROL FIXTURE WITH 0-10V DIMMING. ALL COMPONENTS OF LIGHTING CONTROL SYSTEM SHALL BE BY SAME MANUFACTURER.
2. COORDINATE WITH CEILING TYPE.
3. CONFIRM FIXTURE COLOR AND STYLE WITH ARCHITECT PRIOR TO ORDERING.
4. PROVIDE MODEL SPECIFIED OR APPROVED EQUIVALENT WATTAGES MUST BE EQUAL OR LESS THAN THOSE SPECIFIED.

3 PHASE COPPER FEEDER SCHEDULE									
NUMBER	CONDUCTORS	COND	W/O NEUTRAL	NUMBER	CONDUCTORS	COND	W/O NEUTRAL		
02	4#12, 1#12 GND	3/4"	3/4"	38	4#500 KCMIL, 1#3 GND	3 1/2"	3"		
03	4#10, 1#10 GND	3/4"	3/4"	42	4#600 KCMIL, 1#2 GND	4"	3 1/2"		
05	4#8, 1#10 GND	1"	3/4"	46	(2 SETS) 4#4/0, 1#2 GND	2 1/2"	2"		
06	4#6, 1#8 GND	1 1/4"	1"	51	(2 SETS) 4#250 KCMIL, 1#2 GND	3"	2 1/2"		
	4#4, 1#8 GND	1 1/4"	1 1/4"	62	(2 SETS) 4#350 KCMIL, 1#1 GND	3"	3"		
10	4#3, 1#8 GND	1 1/4"	1 1/4"	76	(2 SETS) 4#500 KCMIL, 1#1/0 GND	3 1/2"	3 1/2"		
11	4#2, 1#6 GND	1 1/2"	1 1/4"	85	(3 SETS) 4#300 KCMIL, 1#1/0 GND	3 1/2"	3"		
13	4#1, 1#6 GND	2"	1 1/2"	93	(3 SETS) 4#350 KCMIL, 1#2/0 GND	3"	3"		
15	4#1/0, 1#6 GND	2"	1 1/2"	100	(3 SETS) 4#400 KCMIL, 1#2/0 GND	3 1/2"	3"		
17	4#2/0, 1#6 GND	2"	2"	126	(3 SETS) 4#600 KCMIL, 1#3/0 GND	4"	3 1/2"		
20	4#3/0, 1#6 GND	2-1/2"	2"	138	(3 SETS) 4#700 KCMIL, 1#3/0 GND	5"	4"		
23	4#4/0, 1#4 GND	2-1/2"	2"	168	(4 SETS) 4#600 KCMIL, 1#4/0 GND	4"	3 1/2"		
25	4#250 KCMIL, 1#4 GND	3"	2 1/2"	210	(5 SETS) 4#600 KCMIL, 1#250 KCMIL GND	4"	3 1/2"		
28	4#300 KCMIL, 1#4 GND	3"	2 1/2"	20w	3#3/0, 1#6 GND	3"	3"		
31	4#350 KCMIL, 1#2 GND	3"	3"	30w	3#250 KCMIL, 1#2 GND	3"	3"		
33	4#400 KCMIL, 1#3 GND	3"	3"	40w	(2 SETS) 3#3/0, 1#6 GND	3"	3"		

OVERALL ELECTRICAL LOAD ANALYSIS			
LOAD			VA
EXISTING PEAK LOAD	715,000 X 1.25	=	893,750
NEW LOAD AT 100%		=	22,521
		TOTAL =	916,271
AT 480V, 3Ø = 1103 AMPS			
EXISTING PANEL CAPACITY IS 2000 AMPS			
*PEAK LOAD IS FROM LAST 12 MONTHS. CONFIRMED WITH CENTERPOINT ENERGY ON 04/08/2021.			

LOAD ANALYSIS - NEW LOAD						
Code Reference						
		Lighting	Greater			
per NEC Table 220.12	School	531sf x 3	1,593	=	1,593	
	Office	1265sf x 3.5	4,428	=	4,428	
	Actual		858	omit		
per NEC 220.60/220.51	HVAC	At 100%	=		0	
	Fridge / Freezer (3 Total)	At 100%	=		2000	
	Water Heater (2 Total)	At 100%	=		8200	
per NEC 220.140()	Receptacles	180 x 35 =	6300	=	6300	
per Table 220.44	Recept Demand Factor	10.000		=	0	
		50% Remainder		=	0	
		TOTAL		=	22521	
		V Phase			Ampe	
At	480	3	=	Ampe	27	
REFER TO OVERALL ELECTRICAL LOAD ANALYSIS						



ALL GROUNDING AND BONDING
AS PER NEC, ART 250

NOTE: ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN. SHOWN FOR REFERENCE ONLY.

FIELD VERIFY EXISTING PERMANENTLY AFFIXED LABEL WITH DATE, FAULT CURRENT, AND CALCULATION. THE LABEL SHALL BE 2"X3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND.

ALL DISTRIBUTION IS EXISTING TO REMAIN. NO CHANGES TO FAULT CURRENT OR EQUIPMENT RATINGS.

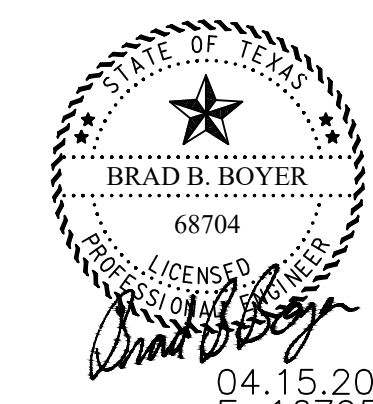
1 ELECTRICAL RISER DIAGRAM
NO SCALE



yes prep
PUBLIC SCHOOLS



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04.15.2021
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YES PREP SCHOOL

WEST CAMPUS
LEGACY CLINIC

10535 HARWIN DRIVE
HOUSTON, TEXAS 77036

ELECTRICAL SCHEDULES

Project Number	21034
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Date	03/24/21
------	----------

Drawn By	DKS
----------	-----

Checked By	BBB
------------	-----

E202

Scale	AS NOTED
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MLO AMPS 200

AMP BUS RATING: 225

VOLTS 120/208

PHASE 3 WIRE 4

(E) PANEL LA2 SEC. 2

NEMA 1

NOTES

1. AC RATING REFER TO SCHEDULE

2. BALANCE ALL LOADS

3. LABEL ALL CIRCUITS

CIRCUIT DESCRIPTION		* WATT LOAD	WIRE	BRKR	CIRCUIT NUMBER		BRKR	WIRE	WATT LOAD	*	CIRCUIT DESCRIPTION
EXISTING LOAD	1	500	#12	20/1	43	500	A	500	44	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	45	500	B	500	46	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	47		500	C	48	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	49	500		A	50	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	51		500	B	52	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	53		500	C	54	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	55	500		A	56	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	57	500		B	58	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	59		500	C	60	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	61	500		A	62	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	63		500	B	64	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	65		500	C	66	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	67	500		A	68	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	69	500		B	70	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	71		500	C	72	20/1	#12 500 1 EXISTING LOAD
SPARE	1	0			73	0		A	74	20/2	#12 1,200 1 EXISTING LOAD
EXISTING LOAD	1	1,200	#12	20/2	75		1,200	B	76		#12 1,200 1
SPARE	1	0			77	0		1,200	C	500	78 20/1 #12 500 1 EXISTING LOAD
SPARE	0				79	0		A	80	20/1	#12 500 1 EXISTING LOAD
EXISTING LOAD	1	1,200	#12	20/2	81		1,200	B	82	20/2	#12 1,200 1 EXISTING LOAD
EXISTING LOAD	1	1,200	#12		83		1,200	C	1,200	84	#12 1,200 1

CONNECTED

DEMAND

NON-CONTINUOUS *1

CONTINUOUS *2

KITCHEN EQUIPMENT *3

RECEPTACLE *4

25,800

0

0

0

100%

125%

65%

NEC 220.44

TOTAL

LOAD (VA)

A PH (AMP)

B PH (AMP)

C PH (AMP)

25,800

56

82

76

MCP AMPS 225										NOTES									
AMP BUS RATING: 225										1. AC RATING REFER TO SCHEDULE									
VOLTS 277/480										2. BALANCE ALL LOADS									
PHASE 3 WIRE 4										3. BALANCE ALL CIRCUITS									
CIRCUIT DESCRIPTION	WATT LOAD	WIRE	BRKR	CIRCUIT NUMBER												WATT LOAD	WIRE	BRKR	CIRCUIT DESCRIPTION
EXISTING LOAD	1,000	#12	20/1	1,000	A	1,000						2	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	3	1,000	B	1,000					4	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	5	1,000	C	1,000					6	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	7,000	A	1,000						8	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	9	1,000	B	1,000					10	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	11	1,000	C	1,000					12	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	13,000	A	1,000						14	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	15,000	B	1,000						16	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	17	1,000	C	1,000					18	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	19,000	A	1,000						20	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	21	1,000	B	1,000					22	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	23	1,000	C	1,000					24	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	25,000	A	1,000						26	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	27,000	B	1,000						28	20/1	#12	1,000	1			EXISTING LOAD
EXISTING LOAD	1,000	#12	20/1	29	1,000	C	1,000					30	20/1	#12	1,000	1			EXISTING LOAD
SPACE	0	33	0	0	A	4,100						32	20/1	#12	4,100	1			BWH-1
SPACE	0	33	0	0	B	4,100						34	20/1	#12	4,100	1			BWH-2
SPACE	0	35	0	0	C	0						36	0		0				SPACE
SPACE	0	37	0	0	A	15,080						38	*		15,080				
SPACE	0	39	0	0	B	16,380						40	125/3	*	16,380				XFMR FEED TB2
SPACE	0	41	0	0	C	16,440						42	*		16,440				

PANEL KEY NOTES

1. CONTRACTOR TO FIELD VERIFY WHICH 250 AMP BREAKER FEEDS PANEL HB2 NEW LOAD ADDED TO HB2 BREAKER.

MCB AMPs 200 W FTL TO LA2 SEC. 2										(E) PANEL LA2 SEC. 1		NOTES				
AMP BUS RATING: 225												1. A/C RATING REFER TO SCHEDULE				
VOLTS 120/208												2. BALANCE ALL LOADS				
PHASE 3 WIRE 4												3. LABEL ALL CIRCUITS				
CIRCUIT DESCRIPTION		* WATT LOAD	WIRE	BRKR	CIRCUIT NUMBER		BRKR	WIRE	WATT LOAD	* CIRCUIT DESCRIPTION						
EXISTING LOAD	1	500	#12	20/1	1	500	A	500		2	201	#12	500	1	EXISTING LOAD	
EXISTING LOAD	1	500	#12	20/1	3	500	B		500	4	201	#12	500	1	EXISTING LOAD	
EXISTING LOAD	1	500	#12	20/1	5	500	C	500		1,080	6	201	#12	1,080	4	DUPLX
EXISTING LOAD	1	500	#12	20/1	7	500	A	1,260			8	201	#12	1,260	4	DUPLX
EXISTING LOAD	1	500	#12	20/1	9	500	B	720		10	201	#12	720	4	DUPLX	
EXISTING LOAD	1	500	#12	20/1	11	500	C	500		1,080	12	201	#12	1,080	4	DUPLX
EXISTING LOAD	1	500	#12	20/1	13	500	A	720		14	201	#12	720	4	DUPLX	
EXISTING LOAD	1	500	#12	20/1	15	500	B	360		16	201	#12	360	4	DUPLX	
EXISTING LOAD	1	500	#12	20/1	17	500	C	500		180	18	201	#12	180	4	DUPLX
EXISTING LOAD	1	500	#12	20/1	19	500	A	1,000		20	201	#12	1,000	1	PRIDGE	
EXISTING LOAD	1	500	#12	20/1	21	500	B	500		22	201	#12	500	1	PRIDGE *	
EXISTING LOAD	1	500	#12	20/1	23	500	C	500		500	24	201	#12	500	1	FREZZER *
EXISTING LOAD	1	500	#12	20/1	25	500	A	900		26	201	#12	900	4	DUPLX	
EXISTING LOAD	1	500	#12	20/1	27	500	B	50		28	201	#12	50	1	EF-5	
EXISTING LOAD	1	500	#12	20/1	29	500	C	500		0	30			0	SPARE	
EXISTING LOAD	1	500	#12	20/1	31	500	A	0		32				0	SPARE	
EXISTING LOAD	1	500	#12	20/1	33	500	B	500		500	34	201	#12	500	1	EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	35	500	C	500		500	36	201	#12	500	1	EXISTING LOAD
EXISTING LOAD	1	500	#12	20/1	37	500	A	500		38	201	#12	500	1	EXISTING LOAD	
EXISTING LOAD	1	500	#12	20/1	39	500	B	500		40	201	#12	500	1	EXISTING LOAD	
EXISTING LOAD	1	500	#12	20/1	41	500	C	500		500	42	201	#12	500	1	EXISTING LOAD
<div> <div>CONNECTED</div> <div>DEMAND</div> </div>																
NON-CONTINUOUS *1		41,650	100%													
CONTINUOUS *2		0	125%													
KITCHEN EQUIPMENT *3		0	65%													
RECEPTALE *4		6,300	NEC 220.44													
<div> <div>TOTAL</div> <div></div> </div>																
LOAD (VA)		A PH (AMP)	B PH (AMP)		C PH (AMP)											
47,950		126	137		137											

*LOCKED ON

MLO AUMPS 2000

AMP BUS RATING: 2000

VOLTS 277/480

PHASE 3 WIRE 4

(E) PANEL MSB

NEMA 1

NOTES

1. AC RATING REFER TO SCHEDULE

2. BALANCE ALL LOADS

3. LABEL ALL CIRCUITS

CIRCUIT DESCRIPTION	* WATT LOAD	WIRE	BRKR	CIRCUIT NUMBER										WATT LOAD	*	CIRCUIT DESCRIPTION
SPACE 0	0			1	0			A	0			2		0		SPACE
SPACE 0	0			3	0			B	0			4		0		SPACE
SPACE 0	0			5				C	0			6		0		SPACE
SPACE 0	0			7	0			A	0			8		0		SPACE
1 0 *				9	0			B	0			10		0		SPACE
1 83,100 *				11				83,100	C	0		12		0		SPACE
EXISTING LOAD 1 83,100 *		600/3		13	83,100			A	0			14		0		SPACE
1 83,100 *				15				83,100	B	0		16		0		SPACE
1 0 *				17				0	C	0		18		0		SPACE
SPACE 0	0			19	0			A	0			20		0		SPACE
SPACE 0	0			21	0			B	0			22		0		SPACE
SPACE 0	0			23				C	0			24		0		SPACE
SPACE 0	0			25	0			A	0			26		0		SPACE
SPACE 0	0			27	0			B	0			28		0		SPACE
1 0 *				29				C	0			30		0		SPACE
1 83,100 *				31	83,100			A	0			32		0		SPACE
EXISTING LOAD 1 83,100 *		600/3		33				83,100	B	0		34		0		SPACE
1 83,100 *				35				83,100	C	0		36		0		SPACE
1 0 *				37	0			A	28,180			38		*		28,180
1 0 *				39	0			B	30,480			40	250/3	*		SUBFEED PANEL HB2
1 55,400 *				41				55,400	C			42		*		26,440
EXISTING LOAD 1 55,400 *		400/3		43	55,400			A	34,625			44		*		34,625 1
1 0 *				45				55,400	B	34,625		46	250/3	*		34,625 1
1 0 *				47				0	C			34,625	48	*		34,625 1

CONNECTED

DEMAND

NON-CONTINUOUS *1 848.475 100% 848.475

CONTINUOUS *2 0 125% 0

KITCHEN EQUIPMENT *3 0 65% 0

RECEPTACLE *4 6,300 NEC 220.44 6,300

TOTAL

LOAD (VA) 854,775

A PH (AMP) 1,030

B PH (AMP) 1,035

C PH (AMP) 1,020

*EXISTING TO REMAIN