

Union County General Hospital North Vestibule Bid Form

Bid #



**Opening Date
Thursday, January 19, 2021**

INVITATION FOR BIDS

The Union County Board of Commissioners will receive Bids for Union County General Hospital North Vestibule, Bid #, until 4:00PM. MST, on Tuesday January 19, 2021, at the Union County Manager's office, 100 Court Street, P.O. Box 430, Clayton, NM 88415 at which time and place all bids will be publicly opened and read aloud.

BASE BID

The project consists of but is not limited to the following:

It is an installation of a new interior entry vestibule at the north entrance of the Hospital, which must be scheduled with the hospitals approval to minimize the entry downtime.

Do not contact the requesting department. Any questions or additional information required by interested vendors must be emailed to: mglass@emcelpaso.com before Tuesday, **January 12, 2021, at 4:00PM MST.** Bid number and title must be on the "Subject Line" of the email. Attempts to circumvent this requirement may result in rejection of the proposal as non-compliant.

Any changes in the specifications will be posted by the Union County General Hospital as an addendum. It shall be the proposer's responsibility to check the with Union County General Hospital prior to the bid opening date to verify whether any addendums have been posted.

Copies of the Construction Documents are available at no cost from Gary Matthews, Plant SVCS Director of Union County General Hospital 300 Wilson Street, Clayton, NM 88415, phone 575-374-7010 gary.matthews@ucgh.net or from EMC Engineers Attn: Melvin Glass, PE, 2211 E. Missouri Ave. Suite 312, El Paso, TX 79903; Phone: (915) 781-2030 ext. 200, Fax: (915) 781-2055; mglass@emcelpaso.com.

The Contractor must ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex, or national origin.

The Union County reserves the right to reject any or all Bids or to waive any technicalities in the bidding.

Bids may be held by the Union County for a period not to exceed ninety (90) days, or such longer time as may be required by the funding agencies, from the date of the bid opening for the purpose of reviewing the for the purpose of reviewing the Bids and investigating the qualifications of Bidders, prior to awarding of the Contract.

INSTRUCTIONS TO BIDDERS

1. BID FORMS

These Contract Documents include a complete set of bidding and contract forms, which are for the convenience of bidders.

2. INTERPRETATIONS OF ADDENDA

No oral interpretation will be made to any Bidder as to the meaning of the Contract Documents or any part thereof. Every request for such an interpretation shall be made in writing to the Union County Purchasing Department. Any inquiry received prior to **Tuesday, January 12, 2021** at will be given consideration. Every interpretation made to a Bidder will be in the form of an Addendum to the Contract Documents, and when issued, will be on file in the Union County Purchasing department at least five days before Bids are opened. In addition, all addenda will be faxed to each person holding Contract Documents, but it shall be the Bidder's responsibility to make inquiry as to the Addenda issued. All such Addenda shall become part of the Contract and all Bidders shall be bound by such Addenda, whether or not received by the Bidders.

3. INSPECTION OF SITE

Each Bidder should visit the site of the proposed work and fully acquaint him/herself with the existing conditions there relating to construction and labor, and should fully inform him/herself as to the facilities involved, the difficulties and restrictions attending the performance of the Contract. The Bidder should thoroughly examine and familiarize himself with the Drawings, Technical Specifications, and all other Contract Documents. The Contractor by the execution of the Contract shall in no way be relieved of any obligation under it due to his failure to receive or examine any form or legal instrument or to visit the site and acquaint himself with the conditions there existing and the Local Public Agency will be justified in rejecting any claim based on facts regarding which he should have been on notice as a result thereof.

4. ALTERNATIVE BIDS

No alternative bids will be considered unless alternative bids are specifically requested by the technical specifications.

5. BIDS

- a. All Bids must be submitted on forms supplied by the Union County and shall be subject to all requirements of the Contract Documents, including the Drawings, and these INSTRUCTIONS TO BIDDERS. All Bids must be regular in every respect and no interlineations; excisions or special conditions shall be made or included in the Bid Form by the Bidder.
- b. Bid Documents including the Bid, the Bid Guarantee, the Non-Collusion Affidavit and the Statement of Bidder's Qualifications (if requested) shall be enclosed in envelopes (outer and inner), both of which shall be sealed and clearly labeled with the words "Bid Documents", bid number, project name, name of Bidder, and date and time of bid opening in order to guard against premature opening of the Bid.
- c. The Local Public Agency may consider as irregular any Bid on which there is an alteration of or departure from the Bid Form hereto attached and at its option may reject the same.
- d. If the Contract is awarded, the Local Public Agency will award it to a responsible Bidder on the basis of the best value bid and the selected Alternative Bid items, if any. The Contract will require the completion of the work according to the Contract Documents.

9. **CORRECTIONS**

Erasures or other changes in the Bids must be explained or noted over the signature of the Bidder.

10. **TIME FOR RECEIVING BIDS**

Bids received prior to the advertised hour of opening will be securely kept sealed. The officer whose duty it is to open them will decide when the specified time has arrived, and no Bid received thereafter will be considered under any circumstances.

11. **OPENING OF BIDS**

At the time and place fixed for the opening of Bids, Union County will cause to be opened and publicly read aloud every Bid received within the time set for receiving Bids, irrespective of any technicalities therein. Bidders and other persons properly interested may be present, in person or by representative.

12. **WITHDRAWAL OF BIDS**

Bids may be withdrawn on written request dispatched by the Bidder in time for delivery in the normal course of business to the time fixed for opening. The bid guarantee of any Bidder withdrawing his Bid in accordance with the foregoing conditions will be returned promptly.

13. **AWARD OF CONTRACT: REJECTION OF BIDS**

- a. The contract will be awarded to the responsible Bidder submitting the lowest Bid complying with the conditions of the Invitation for Bids. The Bidder to whom the award is made will be notified at the earliest possible date. Union County, however, reserves the right to reject any and all Bids and to waive any technicality in Bids received whenever such rejection or waiver is in its interest.
- b. Union County reserves the right to consider as unqualified to do the work of general construction any Bidder who does not habitually perform with his own forces the major portions of the work involved in construction of the improvements embraced in this Contract.

15. **EQUAL EMPLOYMENT OPPORTUNITY**

Attention of Bidders is particularly called to the requirement for ensuring that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

CONTRACT AGREEMENT

WITNESSETH, that the Contractor and Local Public Agency for the considerations stated herein mutually agree as follows:

ARTICLE 1. Statement of Work The Contractor shall furnish all supervision, technical personnel, labor, materials, machinery, tools, equipment and services, including utility and transportation services, and perform and complete all work required for the construction of the Improvements embraced in the Project, namely, as described in the BASE BID, and required supplemental work for the Union County General Hospital North Vestibule, all in strict accordance with the Contract Documents including all addenda thereto, numbered, dated _____, and _____ dated _____, all as prepared by _____ acting and in these Contract Documents Preparation, referred to as the "Engineer".

ARTICLE 2. The Contract Price The Local Public Agency will pay the Contractor for the performance of the Contract in current funds, for the total quantities of work performed at the Contract price stipulated in the Bid for the several respective items of work completed subject to additions and deductions.

ARTICLE 3. CONTRACT. The executed contract documents shall consist of the following:

- a. This Agreement
- b. Addenda
- c. Invitation for Bids
- d. Instructions to Bidders
- e. Signed copy of Bid
- f. General Conditions
- g. Technical Specifications
- h. Drawings (as listed in the Schedule of Drawings)

This Agreement, together with other documents enumerated in this ARTICLE 3, which said other documents are fully a part of the Contract as if hereto attached or herein repeated forms the Contract between the parties hereto. In the event that any provision in any component part of this Contract conflicts with any provision of any other component part, the provision of the component part first enumerated in this ARTICLE 3 shall govern, except as otherwise specifically stated.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed in 4 original copies on the day and year first above written.

_____ By

_____ Title

_____ By

_____ Title

BID FORM (BEST VALUE CONTRACT)

Place: Union County Purchasing Department

Date _____

Project No. _____

Proposal of _____ (hereinafter called Bidder), a corporation organized under the laws of the State of _____/a partnership/an individual doing business as _____ (strike out inapplicable references).

To the Union County (hereinafter called Owner).

Gentlemen:

The Bidder, in compliance with your invitation for bids for the construction of Union County General Hospital North Vestibule that consists of the following:

The project consists of but is not limited to the following:

It is an installation of a new interior entry vestibule at the north entrance of the Hospital, which must be scheduled with the hospitals approval to minimize the entry downtime.

having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies: and to construct the project in accordance with the Contract Documents within the time set forth herein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this proposal is a part.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed: of the Owner and to fully complete the project within 90 consecutive calendar days thereafter as stipulated in the specifications. Bidder further agrees to pay as liquidated damages, the sum of \$250.00 for each consecutive calendar day thereafter as hereinafter provided in the GENERAL CONDITIONS.

Bidder acknowledges receipt of the following addenda:

Date	Addendum Number
_____	_____
_____	_____

BASE PROPOSAL: Bidder agrees to perform all work as necessary and as described in the specifications and shown on the plans for the sum of (\$_____)

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern).

Please do not include tax, as the Union County is tax exempt. The Union County will sign tax exemption certificates covering these items. Please submit one (1) original copy and two (2) duplicate copies of you bid response. CD copies must reflect everything that is in the original hard copy.

Contractor shall provide a reference list of hospital project in the last 5 years with client name, brief description of work and contact personnel.

Contractor shall provide a reference list of Vestibule project in the last 5 years with client name, brief description of work and contact personnel.

Company

Mailing Address

Federal Tax Identification No.

City, State, Zip Code

DUNNS Number

Representative Name & Title

Telephone Number include area code

Signature

Fax Number include area code

Date

Email Address

General Provisions

Union County, New Mexico

1. BID PACKAGE

- a. The bid, general and special provisions, drawings, specifications/line item details, contract documents and the bid sheet are all considered part of the bid package. Bids must be submitted on the forms provided by Union County, including the bid sheet completed in its entirety and signed by an authorized representative by original signature. Failure to complete and sign the bid sheet/contract page (s) may disqualify the bid from being considered by Commissioners' Court. Any individual signing on behalf of the bid expressly affirms that he or she is duly authorized to tender this bid and to sign the bid sheet/contract under the terms and conditions in this bid. Bidder further understands that the signing of the contract shall be of no effect unless subsequently awarded and the contract properly executed by Commissioners' Court. All figures must be written in ink or typed. Figures written in pencil or with erasures are not acceptable. However, mistakes may be crossed out, corrections inserted, and initialed in ink by the individual signing the bid. Changes must also be made to any electronic copies submitted. If there are discrepancies between unit prices quoted and extensions, the unit price will prevail. Each bidder is required to thoroughly review this entire bid packet to familiarize themselves with the bid procedures, the plans and specifications for the requested work as well as the terms, and conditions of the contract the successful bidder will execute with Union County.
- b. **Bid must be in the Purchasing Department BEFORE the hour and date specified. Faxed or e-mailed bids will not be accepted. Late bids will not be considered under any circumstances.**
- c. Any bid sent via express mail or overnight delivery must have the Bid number and title clearly marked on the outside of the envelope or package. Failure to clearly identify your bid may be cause for disqualification.

2. COMPETITIVENESS AND INTEGRITY

To prevent biased evaluations and to preserve the competitiveness and integrity of such acquisition efforts, bidders are to direct all communications regarding this bid to the Union County Purchasing Agent or assigned designee, unless otherwise specifically noted.

An authorized person from the submitting firm must sign all bids. The signature acknowledges that the bidder has read the bid documents thoroughly before submitting a bid and will fulfill the obligations in accordance to the terms, conditions, and specifications.

Please carefully review this Bid. It provides specific information necessary to aid participating firms in formulating a thorough response.

3. BIDDER'S RESPONSIBILITY

The Bidder must affirmatively demonstrate its responsibility. The bid must also meet the following minimum requirements:

- Have been in business of providing services for a minimum of 5 years;
- Have adequate financial resources or the ability to obtain such resources as required;
- Be able to comply with all federal, state, and local laws, rules, regulations, ordinances and orders regarding this bid;
- Have satisfactory record of performance;
- Have a satisfactory record of integrity and ethics; and
- Be otherwise qualified and eligible to receive an award.

4. REJECTION OF BIDS

Union County, acting through its Commissioners' Court reserves the right to: (1) reject any and all bids and waive any informality in the bids received; (2) disregard the bid of any bidder determined to be not responsible. Union County further reserves the right to reject any bid due to failure of performance on deliveries as determined in writing by the Union County Purchasing Agent.

5. RESTRICTIVE OR AMBIGUOUS SPECIFICATIONS

It is the responsibility of the prospective bidder to review the entire invitation to bid packet and to notify the Purchasing Department if the specifications are formulated in a manner that would restrict competition or appear ambiguous. Any such protest or question(s) regarding the specifications or bid procedures must be received in the Purchasing Department no less than seventy-two hours prior to the time set for bid opening. Vendors are to propose as specified herein or propose an approved equal. The mention of any brand name in the specifications is not intended to be restrictive, but is intended to describe the general features and requirements (or equivalent) that the Union County is seeking.

6. SUBSTITUTES

It is not the Union County's intent to discriminate against any material of equal merit to those specified however, should the bidder desire to use any substitutions, prior written approval shall be obtained from the Union County Purchasing Agent sufficiently in advance in order that an addendum might be issued.

7. EXCEPTIONS TO BID

The bidder will list on a separate sheet of paper any exceptions to the conditions of the bid. This sheet will be labeled, "Exceptions to Bid Conditions", and will be attached to the bid. If no exceptions are stated, it will be understood that all general and specific conditions will be complied with, without exception.

The Bidder must specify in its bid any alternatives it wishes to propose for consideration by Union County. Each alternative should be sufficiently described and labeled within the bid and should indicate its possible or actual advantage to the program being offered.

Union County reserved the right to offer these alternatives to other bidders.

8. PRICING

Bids for equipment shall offer new (unused) equipment or merchandise unless otherwise specified. Quotes F.O.B. destination. If otherwise, show exact cost to deliver (merchandise only). Bid will be either lump sum or unit prices as shown on the bid sheet. The net price will be delivered to Union County, including all freight or shipping charges. In case of error in extension, unit prices shall govern. Bid subject to unlimited price increases will not be accepted. Union County is tax exempt and no taxes should be included in your bid.

Unless prices and all information requested are complete, bid may be disregarded and given no consideration.

In case of default by the contractor, Union County may procure the articles or services from other sources and may deduct from any monies due, or that may thereafter become due to the contractor, the difference between the price named in the contract of purchase order and the actual cost thereof to Union County. Prices paid by Union County shall be considered the prevailing market price at the time such purchase is made. Periods or performance may be extended if the facts as to the cause of delay justify such extension in the opinion of the Purchasing Agent and the Commissioners' Court.

9. TAX EXEMPTION

Pursuant to Union County, New Mexico Code, qualifies for exemption from sales, excise and use taxes imposed under the Limited Sales, Excise, and Use Tax Act.

10. MODIFICATION OF BIDS

A bidder may modify a bid by letter at any time prior to the submission deadline for receipt of bids. Modification requests must be received prior to the submission deadline. Modifications made before opening time must be initialed by bidder guaranteeing authenticity. Bids may not be amended or altered after the official opening with the single exception that any product literature and/or supporting data required by the actual specifications, if any, will be accepted at any time prior to the Commissioners' Court consideration of same. No substitutions or cancellations for merchandise will be permitted without written approval of the Union County Purchasing Agent.

11. SIGNATURE OF BIDS

Each bid shall give the complete mailing address of the Bidder and be signed by an authorized representative by original signature with the authorized representative's name and legal title typed below the signature line. Each bid shall include the Bidder's Federal Employer Identification Number (FEIN). Failure to sign the Contract page(s) and bid response sheet will disqualify the bidder from being considered by Union County. The person signing on behalf of the Bidder expressly affirms that the person is duly authorized to render the bid and to sign the bid sheets and contract under the terms and conditions of this Bid and to bind the Bidder thereto and further understands that the signing of the contract shall be of no effect until it is properly placed on the Commissioner's Court agenda, approved in open Court, authorized to be executed by the Union County Judge, and fully executed by both parties.

12. AWARD OF BID/PROPOSALS-EVALUTATION CRITERIA AND FACTORS

Pursuant to the New Mexico Government Code

Bids shall be awarded to the responsible bidder that submits the best value bid.

Proposals will be made to the responsible proposer whose proposal is determined to be the best evaluated offer demonstrating the best ability to fulfill the requirements set forth in this Request for Proposal. The prices proposed will be considered firm and cannot be altered after the submission deadline. **The proposed cost to Union County will be considered firm, unless Union County invokes its right to request a best and final offer and cannot be altered after the submission deadline.**

Union County reserves the right to reject any or all bids in whole or in part received by reason of this bid and may discontinue its efforts under this Bid for any reason or no reason or solely for Union County's convenience at any time prior to actual execution of the contract by Union County. Union County reserves the right to accept or reject all or any part of the bid, waive minor technicalities, or to award by item or by total bid. Price should be itemized.

A Bidder whose proposal does not meet the mandatory requirements set forth in this Bid will be considered noncompliant.

Each Bidder, by submitting a bid, agrees that if its bid is accepted by the Commissioners' Court, such Bidder will furnish all items and services upon the terms and conditions in this Bid and contract. Contractor shall submit to Union County, for approval, within ten (10) days from notice of contract award, all Certificates of Insurance evidencing the required coverage as described under Insurance in the schedule of the Bid.

13. PUBLIC INFORMATION ACT

The parties agree that Union County is a governmental body for purposes of the Public Information Act, codified in the New Mexico Government Code and as such is required to release information in accordance with the Public Information Act. Bidder agrees that it has marked any information that it considers to be confidential, proprietary, and/or trade secret in its bid. Union County agrees to provide notice to proposer in accordance with the Public Information Act in the event Union County receives a request for information under the Public Information Act for information that the Bidder has marked as confidential, proprietary, and/or trade secret.

14. RESULTANT CONTRACT

The resultant contract shall become effective upon the Commissioners' Court execution of the same. The contract documents shall consist of the contract, the general and special provisions, the drawings, proposal package, any addenda issued, and any change orders issued during the work.

The criteria utilized for determining responsibility of bid(s) includes, but is not limited to, the bidder's experience, skill, ability, business judgment, financial capacity, integrity, honesty, possession of the necessary facilities or equipment, previous performance, reputation, promptness, and any other factor deemed relevant by Union County to determine whether a bidder is responsible. The term of the resultant contract will begin as stated in the contract executed by the Commissioners' Court and will terminate on the date specified in the contract unless terminated earlier as herein set forth.

15. ESTIMATED QUANTITIES

Any reference to quantities shown in the Bid are an estimate only. Since the exact quantities cannot be predetermined, Union County reserves the right to adjust quantities as deemed necessary to meet its requirements.

16. CONTRACTOR INVESTIGATION

Before submitting a bid, each contractor shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract and to verify any representations made by Union County upon which the contractor will rely. If the contractor receives an award as a result of its bid submission, failure to have made such investigations and examinations will in no way relieve the contractor from its obligation to comply in every detail with all provisions and requirements of the contract, nor will a plea of ignorance of such conditions and requirements be accepted as a basis for any claim whatsoever by the contractor for additional compensation.

18. SINGLE BID RESPONSE

If only one proposal is received in response to the Request for Proposals, a detailed cost proposal may be requested of the single contractor. A cost/price analysis and evaluation and/or audit may be performed of the cost proposal in order to determine if the price is fair and reasonable.

19. REJECTION/DISQUALIFICATION OF BIDS

Union County reserves the right to reject any or all bids in whole or in part received by reason of this bid package and may discontinue its efforts for any reason under this bid package at any time prior to actual execution of the Contract by Union County. Bidders may be disqualified and rejection of bids may be recommended to the Commissioners' Court for any of (but not limited to) the following causes:

- A. Failure to use the bid form(s) furnished by Union County, if applicable.
- B. Lack of signature by an authorized representative that can legally bind the company on the bid form.
- C. Failure to properly complete the bid.
- D. Bids that do not meet the mandatory requirements.
- E. Evidence of collusion among bidders.

20. CHANGES IN SPECIFICATIONS

If it becomes necessary to revise any part of this bid, a written notice of such revision will be posted on Union County Purchasing website. Union County is not bound by any oral representations, clarifications, or changes made in the written specifications by Union County's employees, unless such clarification or change is posted on the Union County Purchasing website. It shall be the Bidder's responsibility to check the website prior to the bid opening date to verify whether any addendums have been posted.

23. WITHDRAWAL OF BID

Bidder may request withdrawal of a sealed bid prior to the scheduled bid opening time provided the request for withdrawal is submitted to the Purchasing Agent in writing. No bids may be withdrawn for a period of sixty (60) calendar days after opening of the bids.

24. INDEMNIFICATION

- A. The contractor shall agree to assume all risks and responsibility for, and agrees to indemnify, defend, and save harmless, Union County, its elected and appointed officials and department heads, and its agents and employees from and against all claims, demands, suits, actions, recoveries, judgments, and costs and expenses including reasonable attorney's fees for the defense thereof in connection therewith on account of the loss of life property or injury or damage to the person which shall arise from contractor's operations under this contract, its use of Union County facilities and/or equipment or from any other breach on the part of the contractor, its employees, agents or any person(s) in or about Union County's facilities with the expressed or implied consent of Union County. Contractor shall pay any judgment with cost which may be obtained against Union County resulting from contractor's operations under this contract.

Contractor agrees to indemnify and hold Union County harmless from all claims of subcontractors, laborers incurred in the performance of this contract. Contractor shall furnish satisfactory evidence that all obligations of this nature herein above designated have been paid, discharged or waived. If Contractor fails to do so, then Union County reserves the right to pay unpaid bills of which Union County has written notice direct and withhold from Contractor's unpaid compensations a sum of money reasonably sufficient to liquidate any and all such lawful claims.

25. PROOF OF INSURANCE

Successful bidder agrees to keep in full force and effect, a policy of public liability and property damage insurance issued by a casualty company authorized to do business in the State of New Mexico, and in standard form approved by the Board of Insurance Commissioners' of the State of New Mexico, with coverage provision insuring the public from any loss or damage that may arise to any person or property by reason of services limits of not less than the following sums:

INSURANCE REQUIREMENTS FOR CONSTRUCTION AND OTHER SERVICES PROVIDED TO THE UNION COUNTY

GENERAL LIABILITY:

\$1,000,000 – Each Occurrence
\$1,000,000 – General Aggregate
\$1,000,000 – Personal & Advertising Injury
\$1,000,000 – Products/Completed Operations – Aggregate
 \$5,000 – Premises Medical Expense
 \$500,000 – Fire Legal Damage Liability
Union County named as “Additional Insured”
Waiver of Subrogation

AUTOMOBILE:

\$1,000,000 – Each Occurrence
Union County named as “Additional Insured”
Waiver of Subrogation

WORKERS COMPENSATION:

\$1,000,000 – Employers Liability – Each Accident
\$1,000,000 – Employers Liability – Each Employee
\$1,000,000 – Employers Liability – Disease – Policy Limit
Statutory Limits
Waiver of Subrogation

CONSTRUCTION PROJECTS additional requirements:

Builders Risk Policy for total amount of completed project
Bid Bond
Performance & Payment Bond

PROFESSIONAL SERVICES additional requirements:

Limit of \$1,000,000 for E&O/Professional Insurance.

CERTIFICATE OF LIABILITY INSURANCE

In the remarks section should include job description or project name and/or number.

Successful bidder shall carry in full force Workers' Compensation Insurance Policy(ies), if there is more than one employee, for all employees, including but not limited to full time, part time, and emergency employees employed by the successful bidder. Current insurance Certificates certifying that such policies as specified above are in full force and effect shall be furnished by successful bidder to Union County.

Insurance is to be placed with insurers having a best rating of no less than A. The Bidder shall furnish Union County with certificates of insurance and original endorsements affecting coverage required by these insurance clauses within ten (10) business days of execution of this contract. The certificates and endorsements for each insurance policy are to be signed by a person authorized by the insurer to bind coverage on its behalf. The Bidder shall be required to submit annual renewals for the term of this contract prior to expiration of any policy.

In addition to the remedies stated herein, Union County has the right to pursue other remedies permitted by law or in equity. Union County agrees to provide Bidder with reasonable and timely notice of any claim, demand, or cause of action made or brought against Union County arising out of or related to utilization of the property. Proposer shall have the right to defend any such claim, demand or cause of action at its sole cost and expense and within its sole and exclusive discretion. Union County agrees not to compromise or settle any claim or cause of action arising out of or related to the utilization of the property without the prior written consent of the Bidder.

In no event shall Union County be liable for any damage to or destruction of any property belonging to the Bidder.

Union County shall be listed as the additional insured on policy certificates and shall be notified of changes to the policy during the contractual period.

UNION COUNTY GENERAL HOSPITAL NORTH VESTIBULE RENOVATION

300 Wilson St, Clayton, NM 88415



PROJECT GENERAL NOTES

PROJECT GENERAL NOTES PROVIDE INFORMATION CONCERNING THE WORK OF THE ENTIRE PROJECT AND ARE NOT LIMITED TO ANY INDIVIDUAL DRAWING OR SHEET.

- THE DRAWINGS AND THE SPECIFICATIONS ARE COOPERATIVE. WHERE DRAWINGS AND SPECIFICATIONS, OR DRAWINGS OR SPECIFICATIONS THEMSELVES ARE IN CONFLICT, CONTRACTOR SHALL PROVIDE THE BETTER QUALITY / GREATER QUANTITY.
- ACTUAL FIELD CONDITIONS FOUND TO BE AT VARIANCE WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR HIS CONSIDERATION BEFORE PROCEEDING WITH THE WORK. FIELD VERIFICATION OF ALL JOB CONDITIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL DIMENSIONS ARE NOMINAL AND REQUIRE FIELD VERIFICATION AND COORDINATION. DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY, OR FACE OF STUD, UNLESS NOTED OTHERWISE. DO NOT SCALE THE DRAWINGS.
- LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND COORDINATE ALL WORK WITH RESPECTIVE UTILITY OWNERS IF THEY OCCUR IN THE PROJECT AREA & INTERFERE WITH THE SCOPE OF WORK - WHETHER THEY ARE SHOWN OR NOT.
- GENERAL DATA SHOWN ON ONE PART OF THE DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS.
- FINISH ALL WORK UNLESS SPECIFICALLY NOTED OTHERWISE. ALL FINISHES, TEXTURES, ETC. NOT INDICATED SHALL BE AS SELECTED BY THE ARCHITECT.
- PROVIDE PROPER MATERIALS, INSTALLATIONS, AND PROTECTIONS NECESSARY TO MEET FIRE-RATED CONSTRUCTION REQUIREMENTS. PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE CODES AND REFERENCED STANDARDS.
- ACCESSIBILITY REQUIREMENTS
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL ITEMS AND INSTALLATIONS COMPLY WITH THE ACCESSIBILITY REQUIREMENTS OF ALL GOVERNING AUTHORITIES HAVING JURISDICTION OVER THE PROJECT, INCLUDING ARTICLE 9102, TEXAS CIVIL STATUTE, STANDARDS OF THE TEXAS DEPT. OF LICENSING & REGULATION, AND THE AMERICANS WITH DISABILITIES ACT (ADA) OF 1990. VERIFY COMPLIANCE AND REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO ORDERING ITEMS AND MATERIALS. ALL ITEMS, MATERIALS, AND INSTALLATIONS SHALL BE IN COMPLIANCE.
- THE CONSTRUCTION DOCUMENTS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, AND COMPLIANCE WITH ALL GOVERNING REGULATIONS CONCERNING SAFETY ARE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- REPORT ALL DISCREPANCIES TO THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- ERRORS AND/OR OMISSIONS IN THE ROOM FINISH OR DOOR SCHEDULES DO NOT RELIEVE THE CONTRACTOR FROM EXECUTING ALL WORK INDICATED ON THE DRAWINGS.

CODE DATA SHEET

EXISTING BUILDING

BUILDING CODE:	2003 NEW MEXICO BUILDING CODE 2003 INTERNATIONAL BUILDING CODE 2003 NEW MEXICO PLUMBING & MECHANICAL CODE 2003 UNIFORM MECHANICAL CODE 2003 UNIFORM PLUMBING CODE 2005 NEW MEXICO ELECTRICAL CODE 2005 NATIONAL ELECTRICAL CODE.
BUILDING ADDRESS:	300 WILSON ST. CLAYTON, NM 88415
SCOPE OF WORK:	CONSTRUCTION OF A NEW HOSPITAL ADDITION PARKING AND OTHER SITE IMPROVEMENTS.
OCCUPANCY CLASSIFICATION:	INSTITUTIONAL I-2 (SEC 3083) 2003 IBC.
CONSTRUCTION TYPE:	SINGLE STORY TYPE II-B WITH AUTOMATIC SPRINKLERS (TABLE 503).
SEISMIC GROUP:	IV
ALLOWABLE BUILDING AREA:	ALLOWABLE BUILDING AREA (TABLE 503) = FRONTAGE INCREASE (TABLE 502) = SPRINKLER INCREASE (SEC 5063) + 300 x 100 = 33,000. FRONTAGE INCREASE (SEC 5061) MAXIMUM AREA ALLOWED = 47,410 SF.

DOCUMENTS / DRAWINGS INCLUDED

1. CIVIL DRAWINGS:	YES	NO
2. ARCHITECTURAL DRAWINGS:	YES	X
3. PLUMBING DRAWINGS:	YES	X
4. PLUMBING SCHEDULE AND COUNT:	YES	NO
5. ELECTRICAL DRAWINGS:	YES	X
6. ELECTRICAL SCHEDULE AND LOAD CALCS:	YES	NO
7. MECHANICAL DRAWINGS:	YES	NO
8. MECHANICAL SCHEDULE AND COUNT:	YES	NO
9. LANDSCAPE DRAWINGS:	YES	NO
10. STRUCTURAL DRAWINGS:	YES	X
11. DARK SKY COMPLIANCE:	YES	NO
12. LIGHTING ENERGY CODE COMPLIANCE:	YES	NO
13. ENVELOPE ENERGY CODE COMPLIANCE:	YES	NO
14. MECHANICAL ENERGY CODE COMPLIANCE:	YES	NO
15. DOOR SCHEDULE:	YES	NO
16. WINDOW SCHEDULE:	YES	NO
17. PLUMBING SCHEDULE:	YES	NO
18. ASBESTOS REPORT:	YES	NO
19. STORM WATER POLLUTION PREVENTION PLAN:	YES	NO
20. PRELIMINARY ELEVATION CERTIFICATE:	YES	NO

INDEX OF DRAWINGS

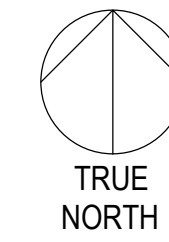
GENERAL	G-001	INDEX & CODE INFORMATION
ARCHITECTURAL	A-101	ARCHITECTURAL SITE PLAN
	A-200	ENLARGED EXISTING FLOOR PLAN
	A-201	ENLARGED FLOOR PLAN & RCP
	A-301	SCHEDULES & DETAILS
	A-601	INTERIOR WALL SECTION
	A-801	SPECS.
STRUCTURAL	S-1-0	STRUCTURAL NOTES
	S-2-0	FOUNDATION PLAN & DETAIL
	S-3-0	ROOF FRAMING PLAN
	S-4-0	TYPICAL FRAMING & FRAMING DETAILS
ELECTRICAL	E-100	ELECTRICAL GENERAL NOTES
	E-200	ELECTRICAL LIGHTING PLAN

STANDARD SYMBOLS AND LEGEND

	DOOR TAG		LEVEL MARKER
	WINDOW / STOREFRONT TAG		STRUCTURAL GRID
	ROOM TAG		EXTERIOR ELEVATION MARKER
	KEYED NOTE		INTERIOR ELEVATION MARKER
	DEMOLITION KEYED NOTE		BUILDING SECTION MARKER
	NORTH ARROW		WALL SECTION MARKER
	WALL TAG		DETAIL MARKER
	EXIT ACCESS		

LOCATION MAP (NOT TO SCALE)

300 Wilson St, Clayton, NM 88415



ABBREVIATIONS

ACM	ASBESTOS CONTAINMENT MATERIAL
ADA	AMERICANS WITH DISABILITIES ACT
ALUM.	ALUMINUM
AV	AUDIO / VISUAL
C.C.	CEILING
DWG.	DRAWING
ERT	ENHANCED RESILIENT TILE
EXIST.	EXISTING
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
GC	GENERAL CONTRACTOR
GL	GLASS
GYP. BD.	GYP. BOARD
HC	HOLLOW CORE
HW	HARDWARE
HM	HOLLOW METAL
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
LAM.	LAMINATE
NIC	NOT IN CONTRACT
TYP.	TYPICAL
SCW	SOLID CORE WOOD
UNO	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE
VF	VERIFY IN FIELD
VVC	VINYL WALL COVERING
OH	OPPOSITE HAND

CONTRACTOR'S RESPONSIBILITIES

- THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND WITH INFORMATION FURNISHED BY THE OWNER, AND SHALL AT ONCE REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED. IF THE CONTRACTOR PERFORMS ANY CONSTRUCTION ACTIVITY KNOWING IT INVOKES A RECOGNIZED ERROR, INCONSISTENCY, OR OMISSION IN THE CONTRACT DOCUMENTS WITHOUT SUCH NOTICE TO THE ARCHITECT, THE CONTRACTOR SHALL ASSUME APPROPRIATE RESPONSIBILITY FOR SUCH PERFORMANCE AND SHALL BEAR AN APPROPRIATE AMOUNT OF THE ATTRIBUTABLE COST FOR CORRECTION.
- THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ACTIVITIES. ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AT ONCE.
- THE SUBMISSION OF A BID AND SUBSEQUENT SIGNING OF A CONSTRUCTION CONTRACT WILL BE REGARDED AS A GUARANTEE THAT THE CONTRACTOR HAS VERIFIED ALL FIELD CONDITIONS AND FULLY UNDERSTANDS THE SCOPE OF THE PROJECT. HENCEFORTH, ONLY CONCEALED OR UNKNOWN EXISTING CONDITIONS AND SCOPE CHANGES WILL BE CONSIDERED AS A BASIS FOR A CHANGE ORDER.
- THE ASSUMPTION IS MADE THAT SUBCONTRACTORS FOR ALL TRADES POSSESS AT LEAST A MINIMUM STANDARD OF EXPERTISE IN THEIR TRADE AND THEREFORE, WILL BEAR PARTIAL RESPONSIBILITY FOR THE PROPER EXECUTION OF THEIR WORK. THE IDENTIFICATION AND NOTIFICATION OF THE ARCHITECT REGARDING ERRORS, INCONSISTENCIES, AND OMISSIONS IN THE CONTRACT DOCUMENTS PRIOR TO THE IMPLEMENTATION OF ANY WORK ARE INCLUSIVE OF SUCH RESPONSIBILITY.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF WORK UNDER THE CONTRACT, UNLESS THE CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS.
- THE CONTRACTOR SHALL REVIEW, APPROVE, AND SUBMIT TO THE ARCHITECT SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND SIMILAR SUBMITTALS REQUIRED BY THE CONTRACT DOCUMENTS WITH REASONABLE PROMPTNESS AND IN SUCH A SEQUENCE AS TO CAUSE NO DELAY IN THE PROJECT OR IN THE ACTIVITIES OF THE OWNER OR OF SEPARATE CONTRACTORS.
- BY APPROVING AND SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS THAT THE CONTRACTOR HAS DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS, AND FIELD CONSTRUCTION CRITERIA RELATED THERE TO OR WILL DO SO, AND HAS CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS.



AREA TABULATION

TOTAL BUILDING AREA: 47,410 SQ. FT.

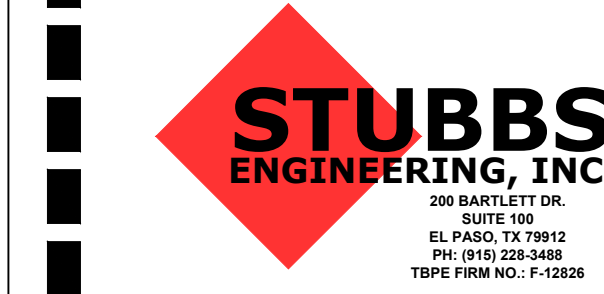
REVISIONS

NO.	DATE:	REVISION:

LEGAL DESCRIPTION

THE COMPLETE BLOCK OF 656 OF THE HERSTEIN AND HILL ADDITION TO CLAYTON NEW MEXICO.

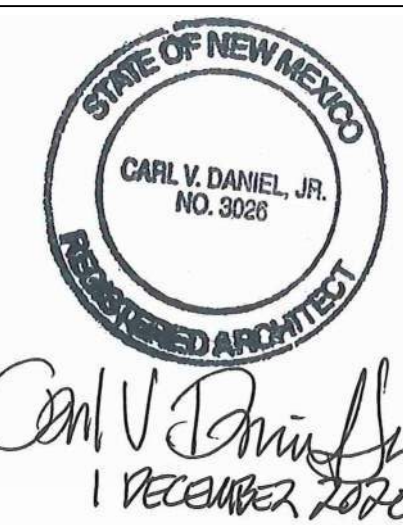
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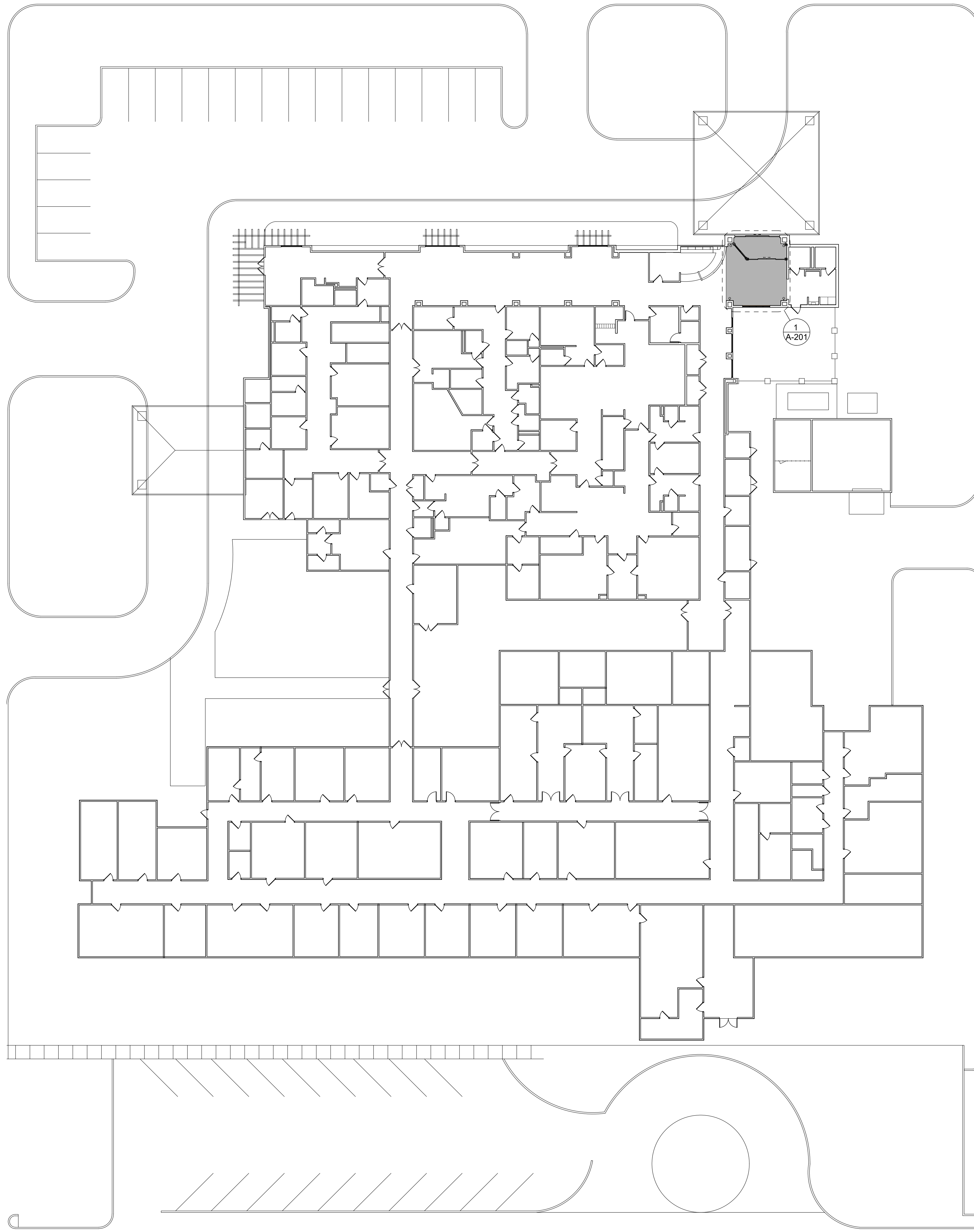


MECHANICAL

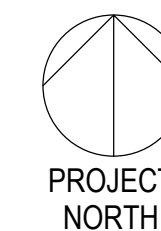


ELECTRICAL



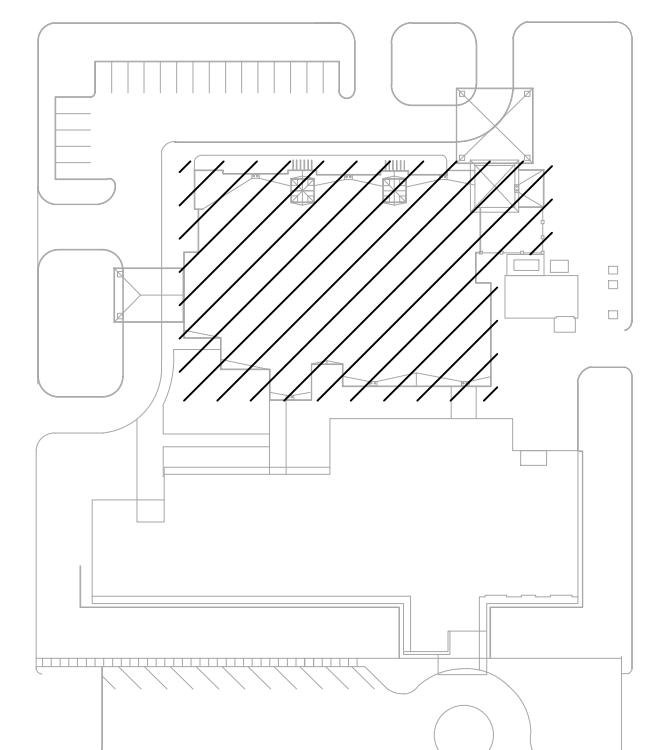


EXISTING OVERALL SITE PLAN 1
SCALE 1/16" = 1'-0"



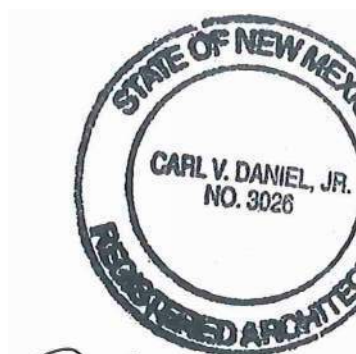
STATE OF NEW MEXICO
 CARL V. DANIEL, JR.
 NO. 3028
 REGISTERED ARCHITECT
Carl V. Daniel, Jr.
 1 DECEMBER 2020

EMC ENGINEERS 2211 E. UNIVERSITY AVENUE EL PASO, TEXAS 79905 PH: 915-781-2000 FAX: 915-781-2001 TEXAS FIRM REG. #27401 EMC PROJECT #2008019.2	Designed By: EMC Drawn By: EMC Checked By: EMC Scale: AS SHOWN	Initials	Revision	Description:
EMC ENGINEERS				
Project: NORTH VESTIBULE RENOVATION				
For: UNION COUNTY GENERAL HOSPITAL				
Location: 300 WILSON STREET CLAYTON, NEW MEXICO 88415				
Job Number:	EMC-2008019.2			
Date:	12/15/2020			
Scale:	AS SHOWN			
Sheet	A-101			
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KEY PLAN
SCALE NONE

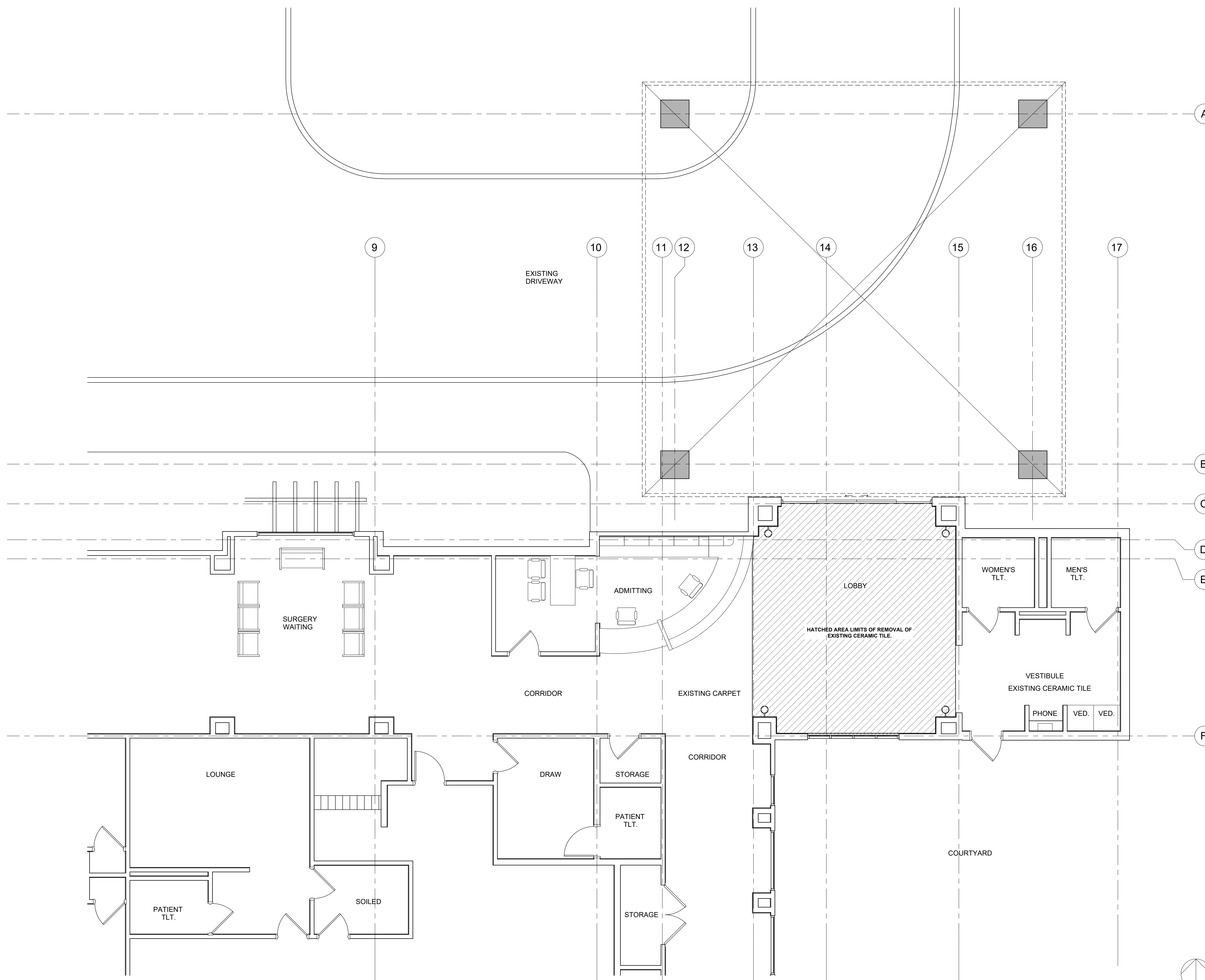
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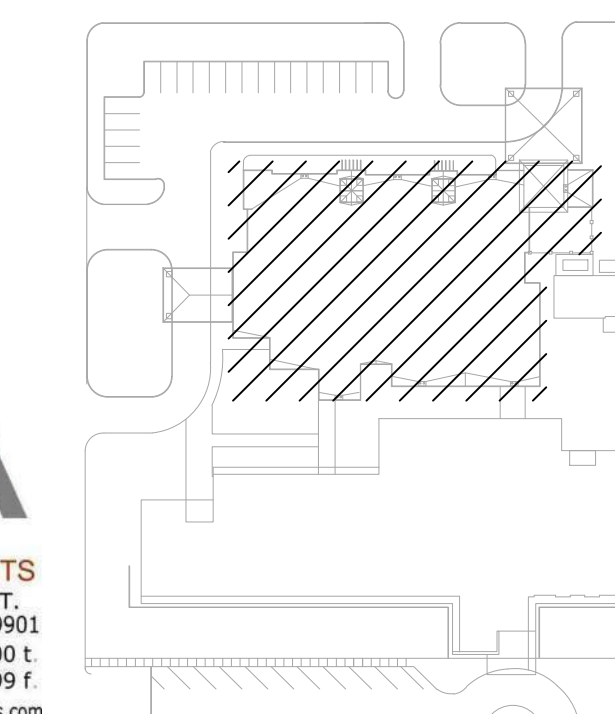
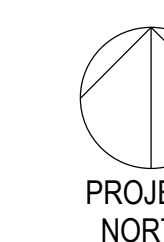
Carl V. Daniel, Jr.
1 December 2020

GENERAL NOTES

1. THE DEMOLITION PLAN INDICATES THE GENERAL SCOPE OF ITEMS AND EXISTING CONSTRUCTION ELEMENTS TO BE REMOVED. ANY ADDITIONAL ITEMS ENCOUNTERED IN THESE GENERAL DEMOLITION AREAS, WHICH WILL INTERFERE WITH THE NEW CONSTRUCTION SHALL ALSO BE REMOVED AT NO ADDITIONAL COST.
2. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED BARRICADES, FENCING, COVERED WALKS, PLANKING, LIGHTING, BRACING, SHORING, WARNING SIGNS, ETC. AS REQUIRED BY OSHA & LOCAL REGULATIONS FOR THE PROTECTION OF WORKMEN, THE PUBLIC, PROPERTIES, AND STRUCTURES.
3. REFER TO ELECTRICAL, MECHANICAL & PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
4. NO SMOKING IN THE BUILDING AT ANY TIME.
5. UNLESS ESPECIALLY NOTED ON THE PLAN, ALL DEMOLISHED ITEMS AND MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR.
6. THE DEMOLITION WORK SHALL BE EXECUTED WITH GREATEST CARE. ANY DAMAGE TO EXISTING CONSTRUCTION TO REMAIN, SHALL BE REPAIRED AT THE COST OF THE DEMOLITION CONTRACTOR.
7. THE CONTRACTOR SHALL OVERSEE CLEANING AND ENSURE THAT THE PREMISES ARE MAINTAINED RUBBISH FREE DURING DEMOLITION WORK. FINAL CLEANUP IS THE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL CODES, ORDINANCES & REGULATIONS APPLICABLE AT PROJECT LOCATION. CONTRACTOR IS RESPONSIBLE FOR FILING & SECURING ALL NECESSARY PERMITS, APPROVALS, ETC. FOR ALL TRADES.
9. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR KEEPING AHEAD OF DEMOLITION PROGRESS AND WHERE DELAYS HAVE OCCURRED DUE TO CONTRACTOR'S FAULT, MAKE UP THE LOST TIME AT HIS OWN EXPENSE AS NECESSARY TO MAINTAIN THE CONTRACT SCHEDULE.
10. ALL WORK IS TO CONFORM WITH DRAWINGS AND SPECIFICATIONS. DRAWINGS ARE NOT TO BE SCALED FOR INFORMATION.
11. PROVIDE MAXIMUM POSSIBLE DUST & NOISE PROTECTION AT ALL TIMES. COORDINATE DEMOLITION WORK & UTILITY SHUTDOWN WITH ONGOING BUILDING OPERATIONS.
12. GENERAL CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND EXISTING CONDITIONS. REPORT DISCREPANCIES FOUND TO ARCHITECT.
13. COMPARE DEMOLITION PLAN TO MODIFIED PLAN AND TO ROOM FINISH SCHEDULE. PREPARE NEW SURFACES FOR NEW FINISHES, INCLUDING NEWLY EXPOSED SURFACES.
14. GENERAL CONTRACTOR TO VERIFY LOCATION OF ALL ACCESS PANELS THAT SERVICE BUILDING SYSTEMS IN THE WORK AREA. IF SELECTIVE DEMOLITION OR NEW CONSTRUCTION AFFECT THESE NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN THAT AREA.



ENLARGED EXISTING FLOOR PLAN 1
SCALE 1/4" = 1'-0"

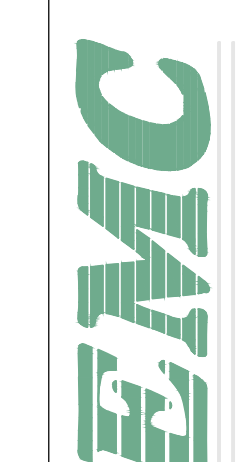


KEY PLAN
SCALE NONE

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For:	UNION COUNTY GENERAL HOSPITAL Location: 300 WILSON STREET CLAYTON, NEW MEXICO 88415
Job Number:	EMC-2008019.2
Date:	12/15/2020
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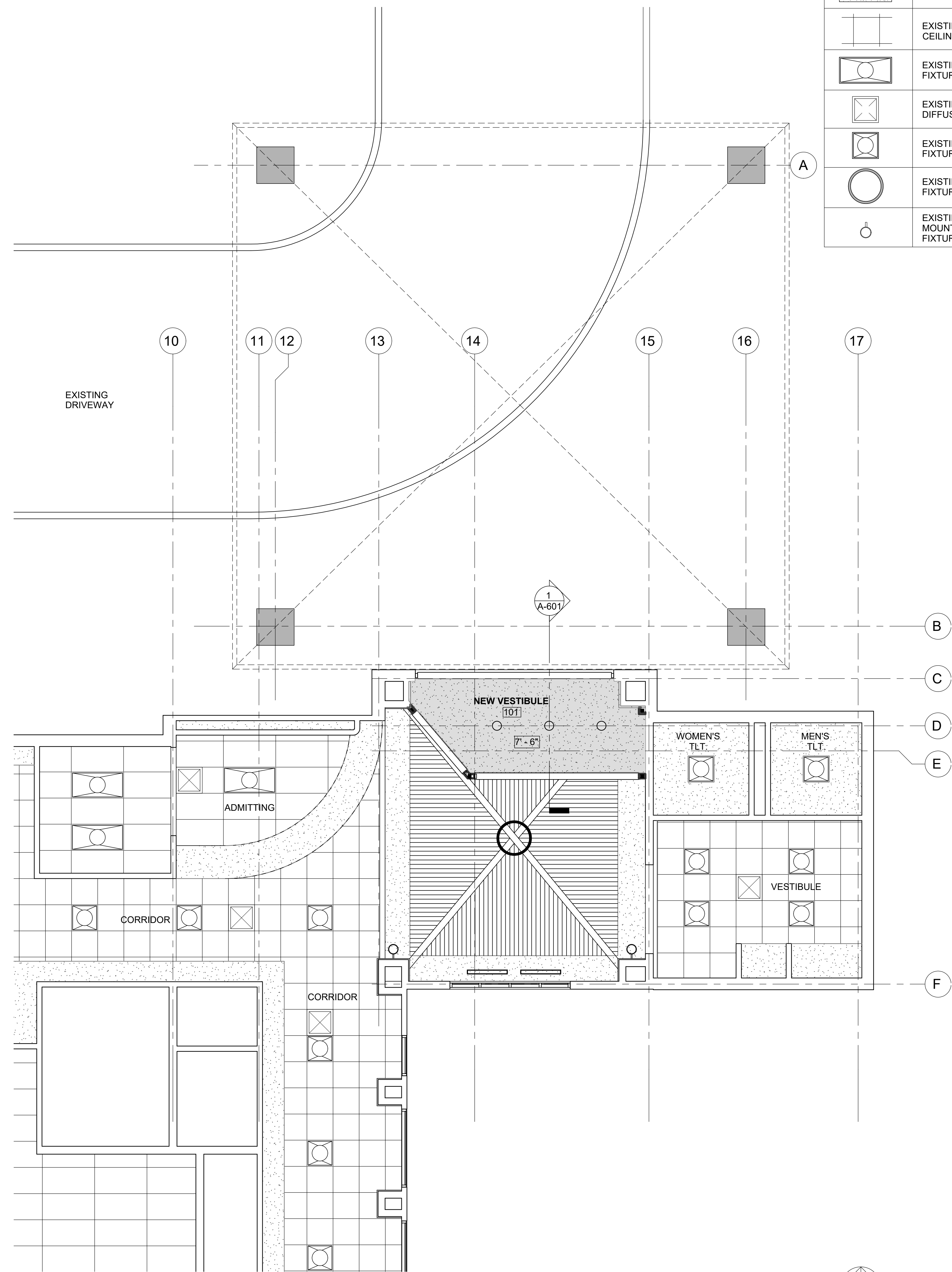
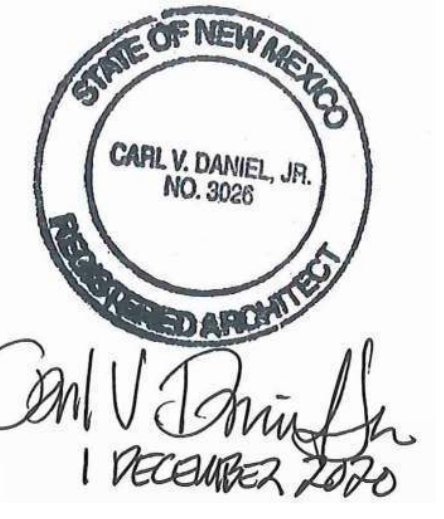
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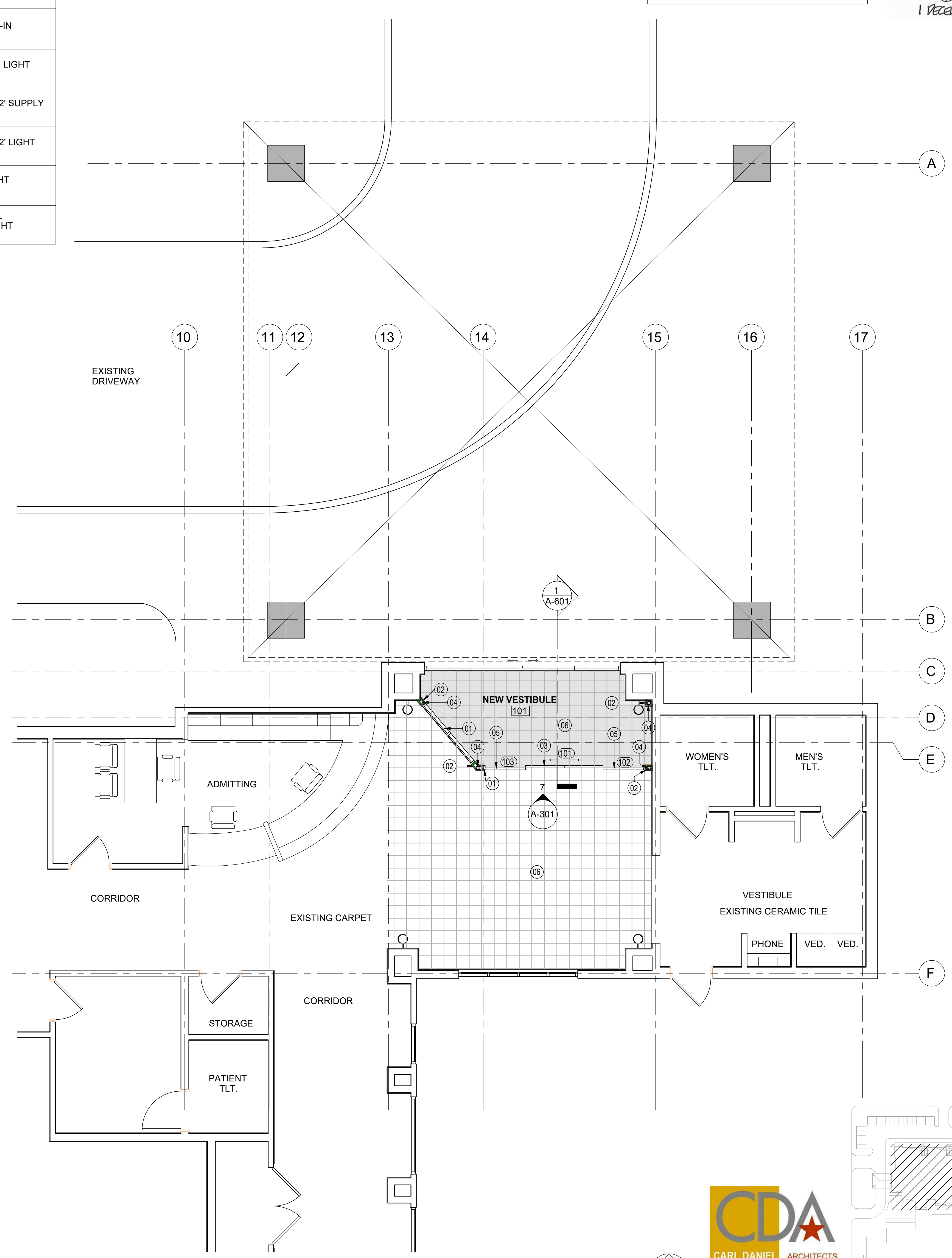
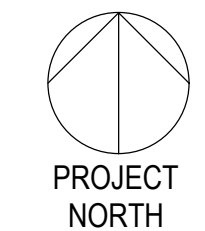
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EL PASO, TEXAS 79905
PH: 915-781-2000
FAX: 915-781-2001
TEXAS FIRM REG. #2401
EMC PROJECT #2008019.2

RCP LEGEND	
	NEW GYP. BD. CEILING.
	NEW 1' RECESSED LIGHT FIXTURE.
	EXISTING GYP. BD. CEILING.
	EXISTING LAY-IN CEILING.
	EXISTING 2'x4' LIGHT FIXTURE.
	EXISTING 2' x 2' SUPPLY DIFFUSER.
	EXISTING 2' x 2' LIGHT FIXTURE.
	EXISTING LIGHT FIXTURE.
	EXISTING WAL MOUNTED LIGHT FIXTURE.

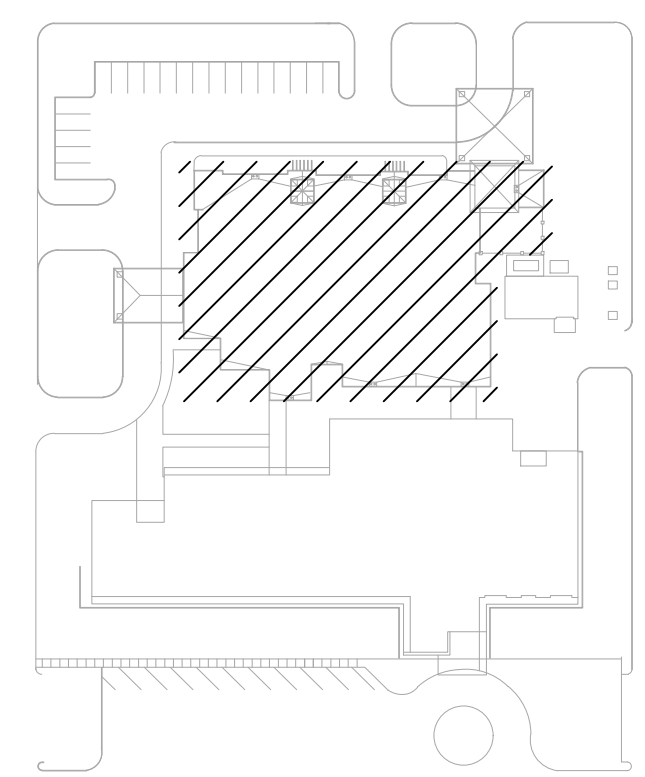
- IMPROVEMENT NOTES**
- NEW INTERIOR ALUMINUM FRAME. RE: 2/A-201 AND 4/A-201.
 - NEW ALUMINUM FRAMING. RE: 2/A-201 AND 4/A-201.
 - NEW SLIDING DOOR. RE: DOOR SCHEDULE.
 - NEW STRUCTURAL COLUMN. RE: STRUCTURAL DRAWINGS.
 - NEW ALUMINUM DOOR. RE: DOOR SCHEDULE.
 - NEW CERAMIC TILE.



ENLARGED MODIFIED REFLECTED CEILING PLAN 2
SCALE 1/4" = 1'-0"



ENLARGED MODIFIED FLOOR PLAN 1
SCALE 1/4" = 1'-0"



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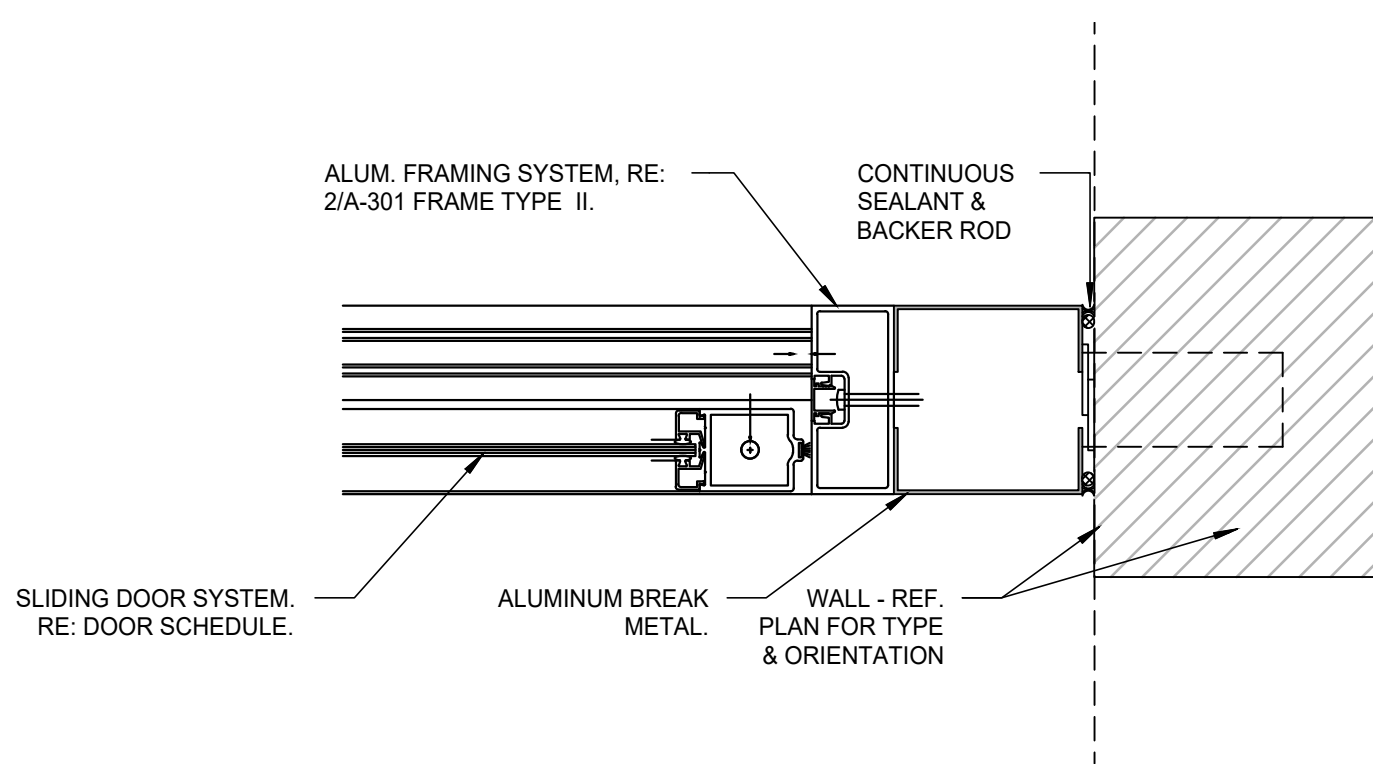
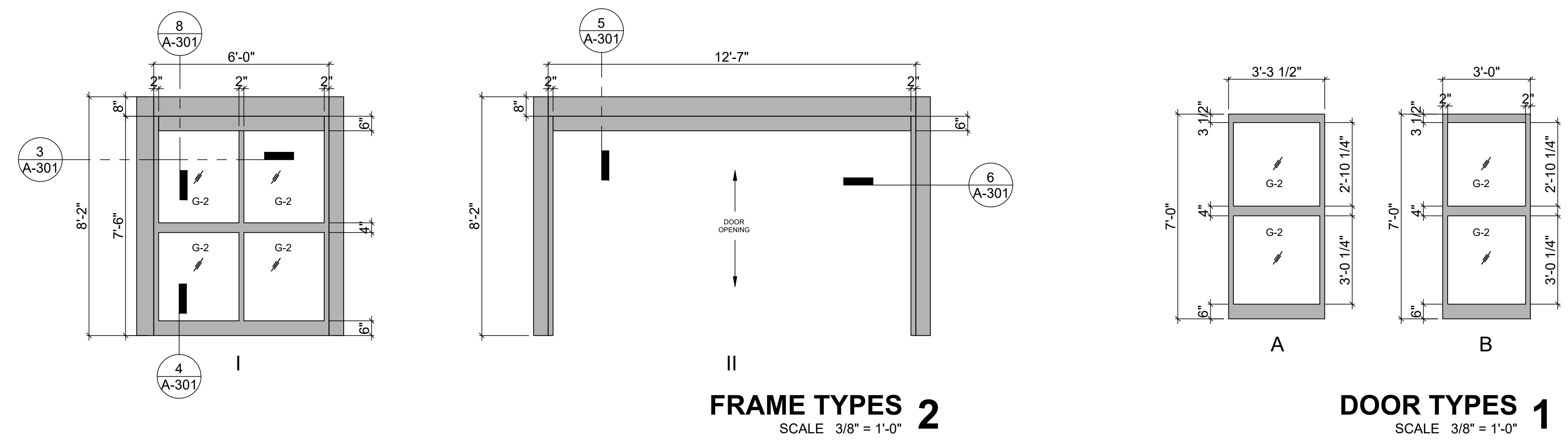
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STATE OF NEW MEXICO
 CARL V. DANIEL, JR.
 NO. 3028
 REGISTERED ARCHITECT
 Carl V. Daniel, Jr.
 1 DECEMBER 2020

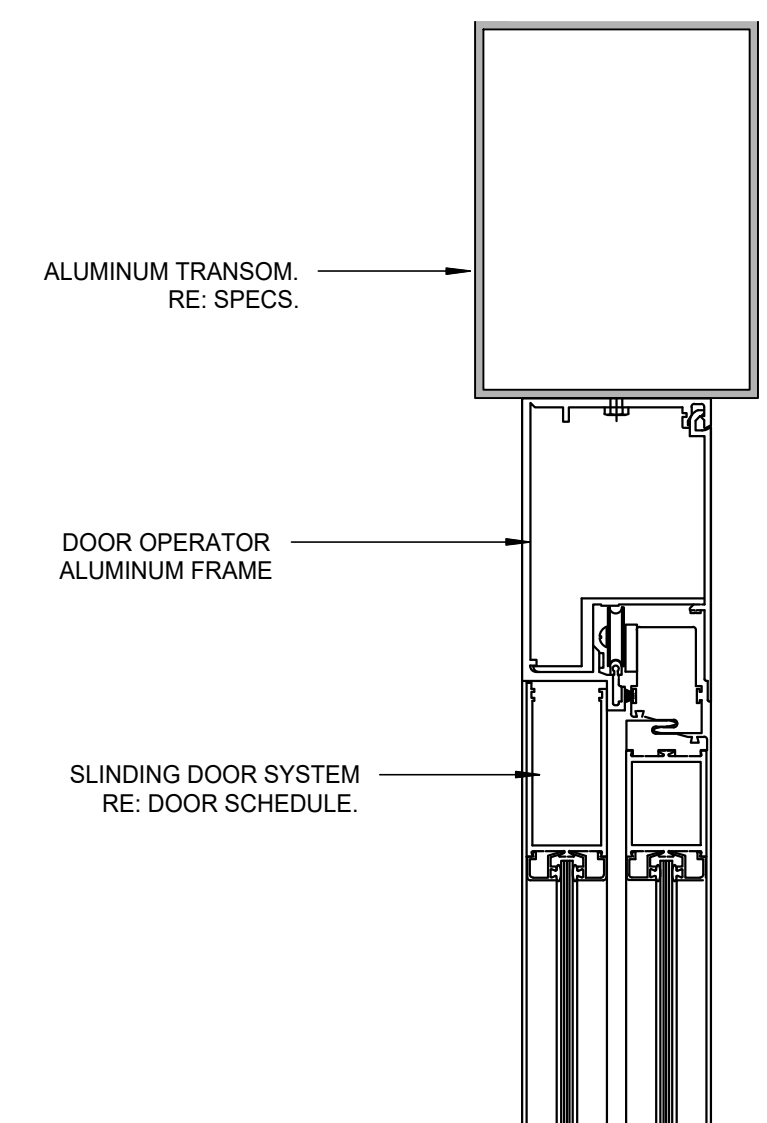
ROOM FINISH SCHEDULE							
TAG	ROOM NAME	FLOOR	BASE	WALLS			REMARKS
				NORTH	SOUTH	EAST	
101	NEW VESTIBULE	CT	MATCH EXISTING				

DOOR SCHEDULE										
TAG	SIZE		DOOR			FRAME		DETAILS		REMARKS
	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	
101	6'-0"	7'-0"	B	ALUMINUM		II	ALUMINUM		5/A-301	6/A-301
102	3'-1 1/2"	7'-0"	A	ALUMINUM		I	ALUMINUM		5/A-301	6/A-301
103	3'-1 1/2"	7'-0"	A	ALUMINUM		I	ALUMINUM		5/A-301	6/A-301

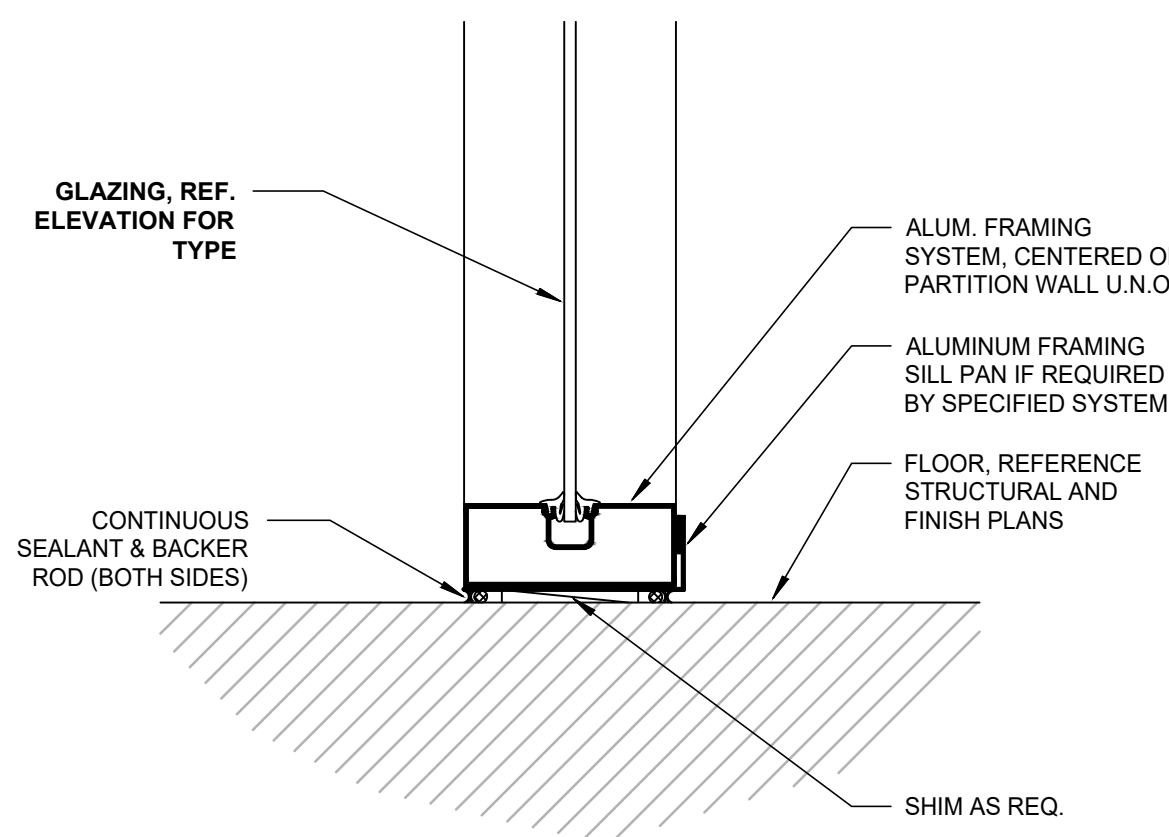
GLAZING LEGEND	
G-2	1/4" TEMPERED GLASS



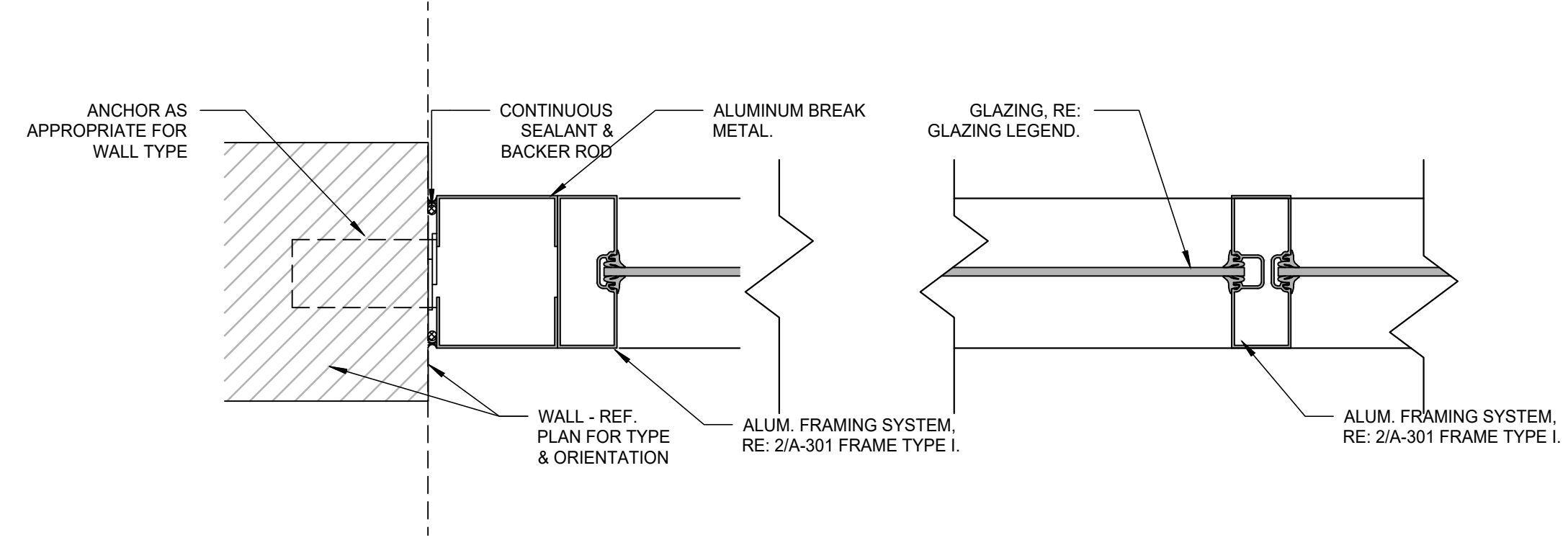
STOREFRONT JAMB DETAIL. 6
SCALE 3" = 1'-0"



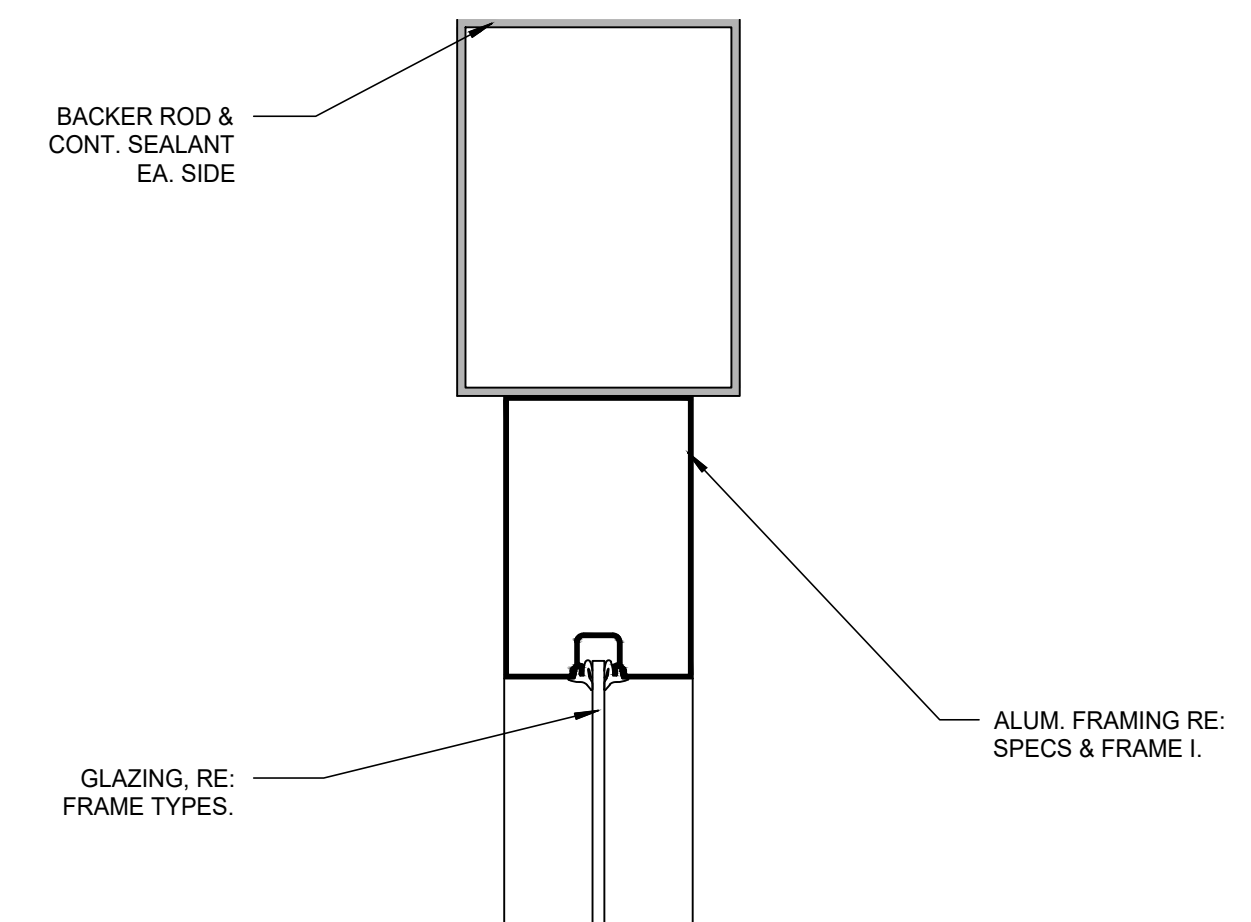
STOREFRONT HEAD DETAIL 5
SCALE 3" = 1'-0"



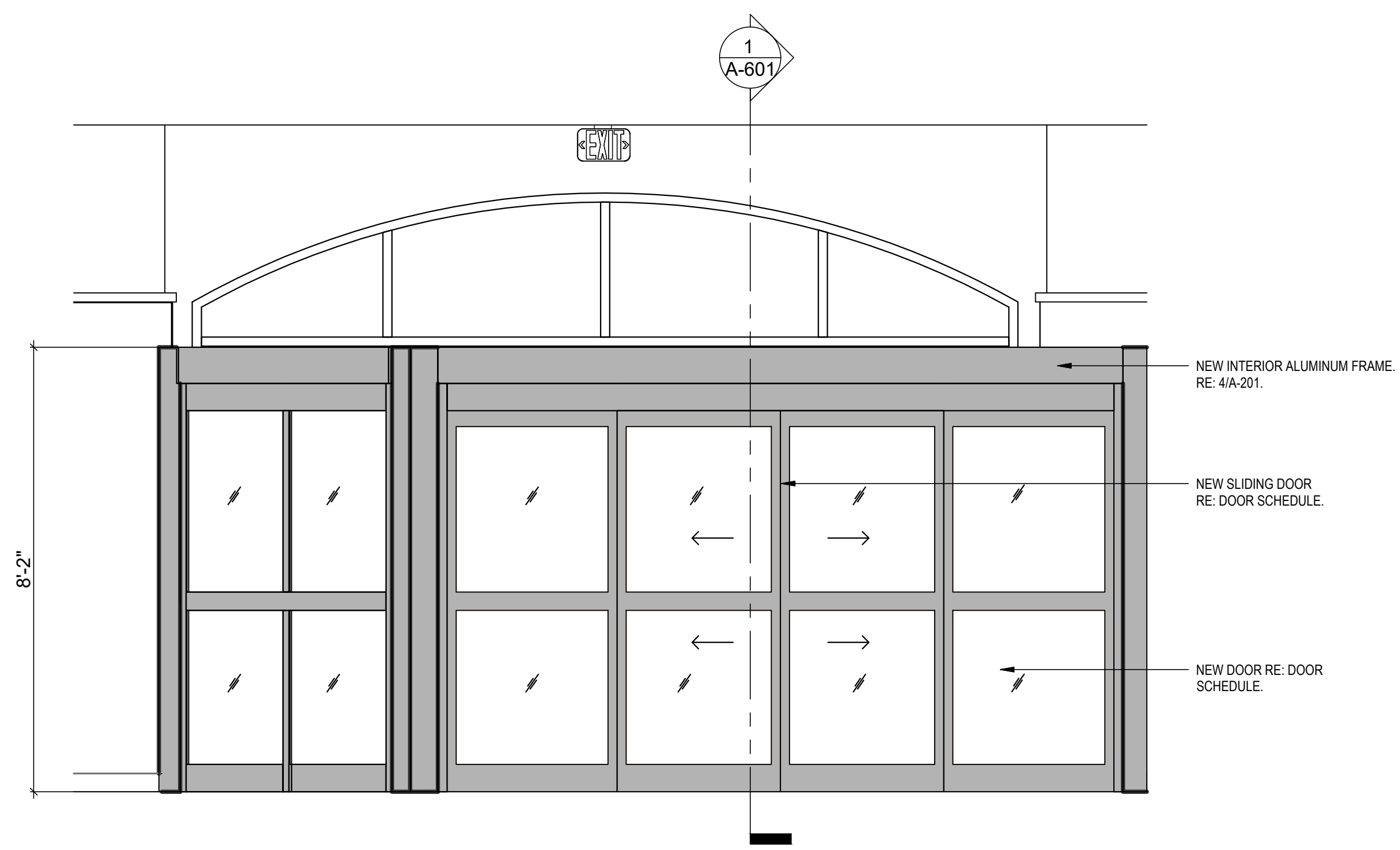
STOREFRONT SILL DETAIL 4
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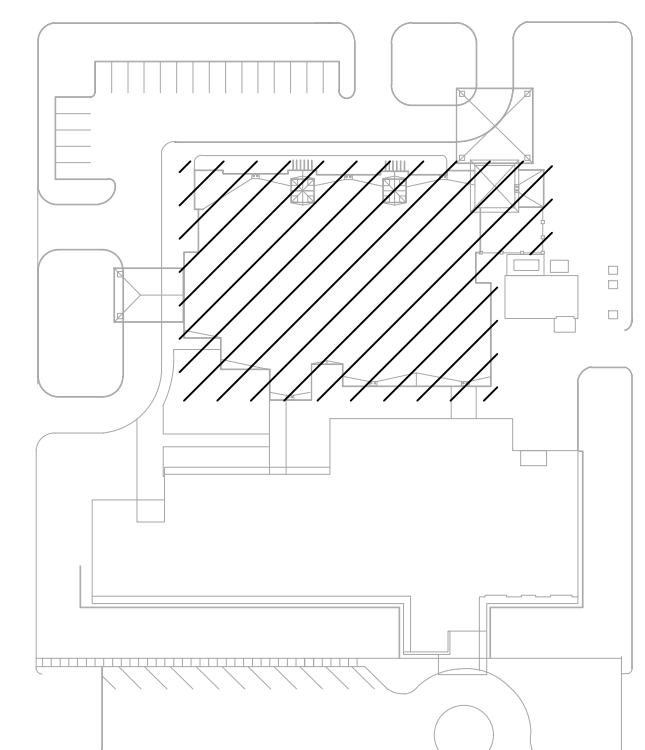
STOREFRONT JAMB DETAIL 3
SCALE 3" = 1'-0"



STOREFRONT HEAD DETAIL. 8
SCALE 3" = 1'-0"



INTERIOR ELEVATION 7
SCALE 1/2" = 1'-0"



KEY PLAN
SCALE NONE

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 FRANCO
 SALDAÑA ARCHITECTS
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 (915) 533-2799 f.
 cardanielarchitects.com

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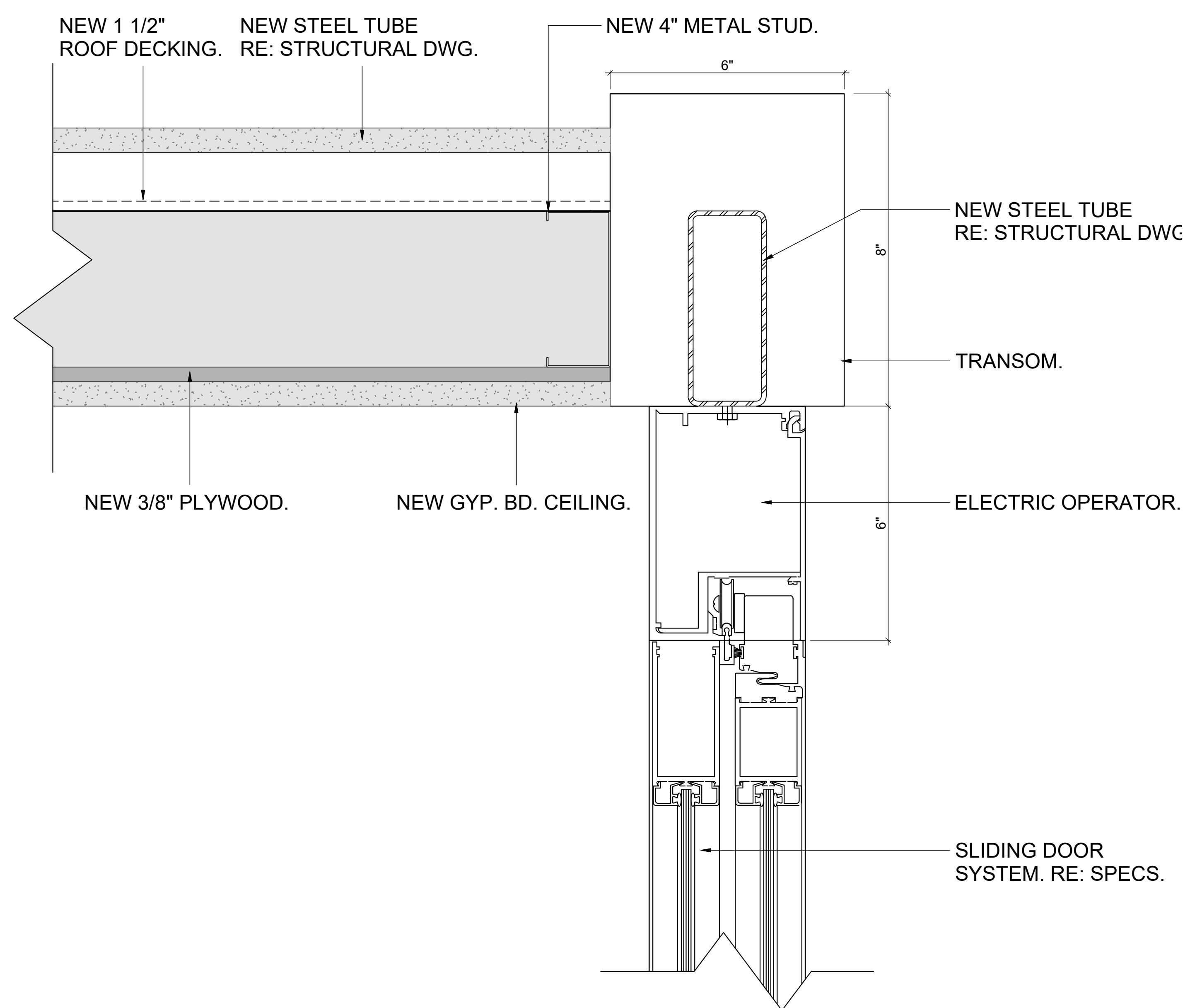
Project: NORTH VESTIBULE RENOVATION
 For: UNION COUNTY GENERAL HOSPITAL
 Location: 300 WILSON STREET CLAYTON, NEW MEXICO 88415

Job Number: EMC-2008019.2
 Date: 12/15/2020
 Scale: AS SHOWN
 Sheet: A-301
 1 of 10

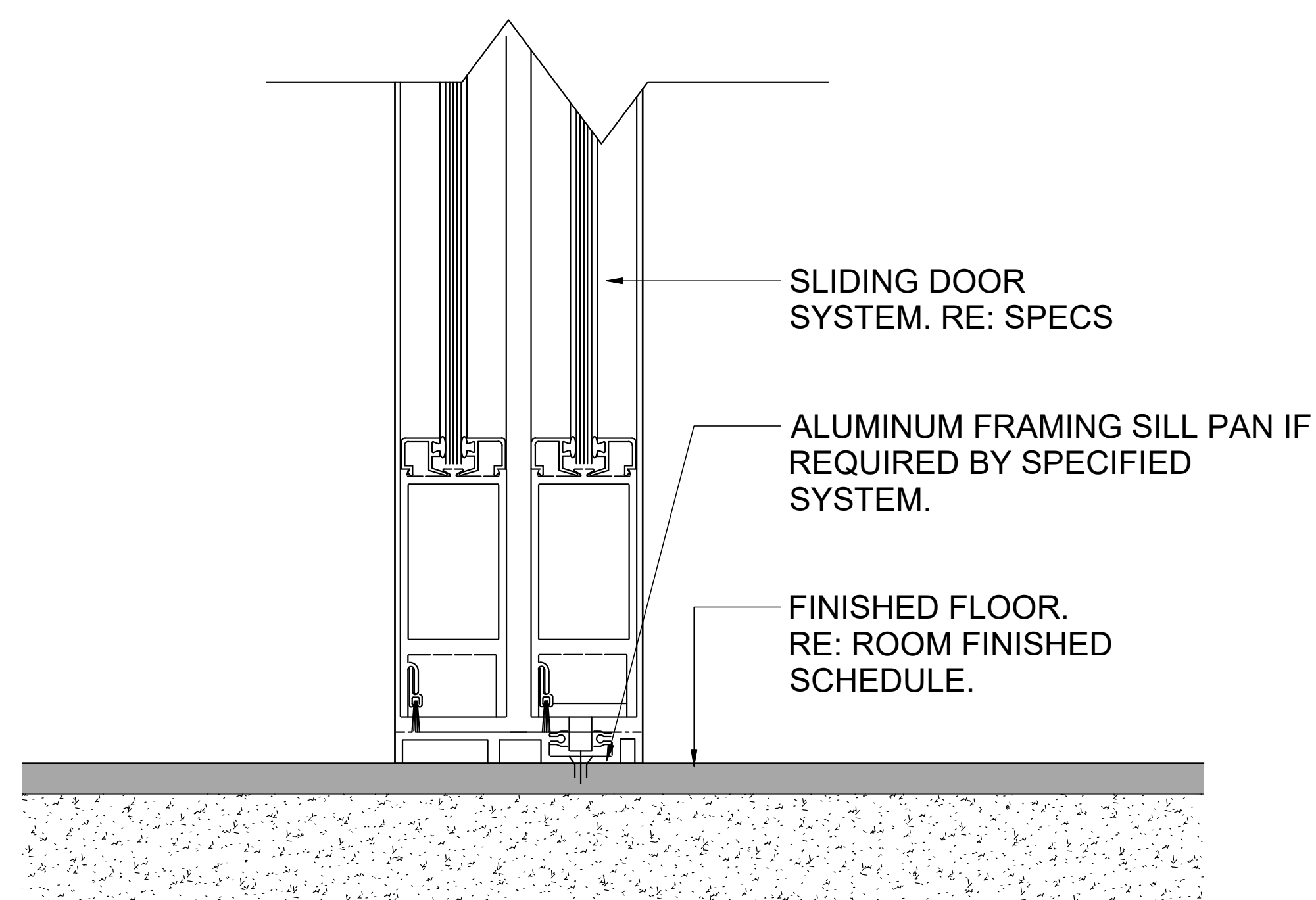
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 Checked By: EMC
 Scale: AS SHOWN
 Rev.#/Date: Initials/Revision/Description:

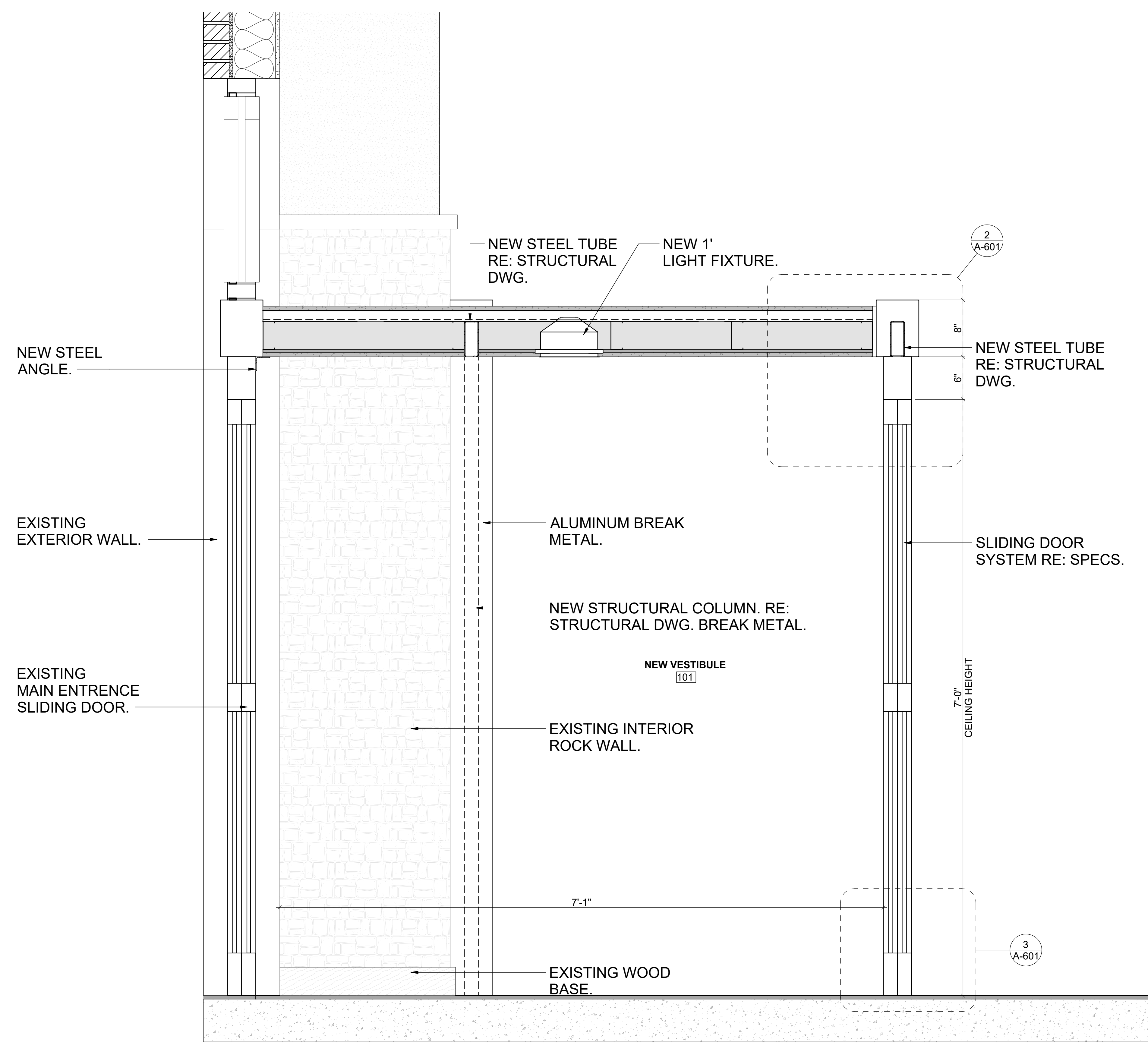
STATE OF NEW MEXICO
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Carl V. Daniel, Jr.
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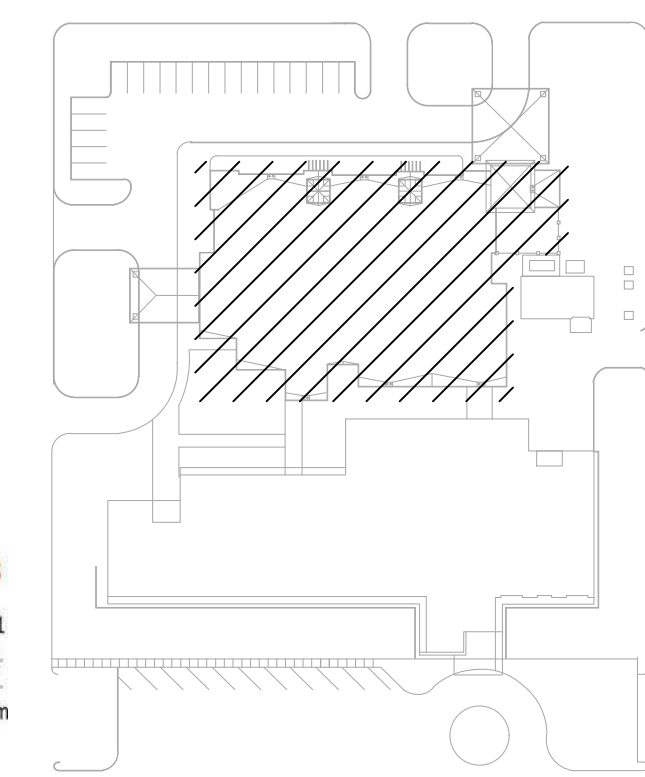
ENLARGED SECTION DETAIL 2
 SCALE 6" = 1'-0"



ENLARGED SECTION DETAIL 3
 SCALE 6" = 1'-0"



INTERIOR WALL SECTION 1
 SCALE 1 1/2" = 1'-0"



KEY PLAN
 SCALE NONE

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Project:	NORTH VESTIBULE RENOVATION
For:	UNION COUNTY GENERAL HOSPITAL Location: 300 WILSON STREET CLAYTON, NEW MEXICO 88415
Job Number:	EMC-2008019.2
Date:	12/15/2020
Scale:	AS SHOWN
Sheet	A-601
1 of 10	

EMC ENGINEERS
 2211 E. UNIVERSITY AVENUE
 EL PASO, TEXAS 79905
 PH: 915-781-2000
 TEXAS FIRM REG. #2401
 EMC PROJECT #2008019.2

Designed By:	Drawn By:	Checked By:	Scale:	Initials	Revision	Description:
EMC	EMC	EMC	AS SHOWN			
EMC	EMC	EMC	AS SHOWN			



ARCHITECTURAL SPECS

AUTOMATIC SLIDING DOORS

Profilor® Series 2000 Sliding Door System with Electric Linear Drive Operator Page 1 of 6, June 17

DIVISION 08 - OPENINGS SECTION 08 42 29.23 SLIDING AUTOMATIC ENTRANCES

Specifier Note: Coordinate and edit articles and paragraphs below to suit project requirements. Add section numbers and titles per CSI "MasterFormat" and specifier's practice. Consult with manufacturer regarding performance requirements for units applicable to project, as well as, related equipment and accessories required.

PART I - GENERAL

1.01 SUMMARY

- A. WORK INCLUDED: Furnish complete automatic aluminum door system, as specified, that has been manufactured, fabricated and installed as per manufacturer's criteria without defects, damage or failure. B. RELATED WORK: 1. Concrete: Division 03, applicable sections. 2. Masonry: Division 04, applicable sections. 3. Openings: Division 08, applicable sections. 4. Electrical: Division 26, applicable sections.

1.02 REFERENCES

- A. AMERICAN ASSOCIATION OF AUTOMATIC DOOR MANUFACTURERS (AAADM). B. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI): 1. ANSI Z97.1: Safety Glazing Materials Used in Buildings - Methods of Test. 2. ANSI A156.10 - 2011: For Power Operated Pedestrian Doors; Sliding Doors section. 3. ANSI A156.5: Standard for Auxiliary Locks and Associated Products. C. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) B221: Aluminum-Alloy Extruded Bars, Rods, Shapes and Tubes. D. BUILDING OFFICIALS AND CODE ADMINISTRATORS INTERNATIONAL (BOCA) E. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS / UNIFORM BUILDING CODE (ICBO/UBC) F. INTERNATIONAL CODE COUNCIL / INTERNATIONAL BUILDING CODE (ICC/IBC) G. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101: Safety to Life from Fire in Buildings & Structures. H. THE ALUMINUM ASSOCIATION (AA) Aluminum Finishes Manual. I. INTERTEK, WARNOCK HERSEY (ETL): Testing Laboratory and Certification Agency joined with ETL SEMKO J. UNDERWRITERS LABORATORY, INC. (USA & CANADA) UL 325: Electrical Door, Drapery, Gate, Louver, and Window Operators and Systems.

1.03 SUBMITTALS

- A. SHOP DRAWINGS & PRODUCT DATA: Submit drawings and product data showing layout, profiles, product components including anchorage, accessories, finish and glazing details (where required). B. CLOSEOUT SUBMITTALS: Submit the following: 1. Owner's Manual & Warranty document as specified herein. 2. AAADM inspection compliance form completed and signed by certified AAADM inspector prior to doors being placed in operation as proof of compliance with ANSI A156.10 - 2011.



ARCHITECTURAL SPECS

AUTOMATIC SLIDING DOORS

Profilor® Series 2000 Sliding Door System with Electric Linear Drive Operator Page 2 of 6, June 17

1.04 QUALITY ASSURANCE AND PERFORMANCE REQUIREMENTS

- A. INSTALLERS QUALIFICATIONS: Installer shall be factory trained, certified by AAADM, and experienced to perform work of this section. B. MANUFACTURER'S QUALIFICATIONS: Manufacturer to have minimum (5) five years successful experience in the fabrication of automatic doors of the type required for this project. Manufacturer capable of providing field service representation during installation, approving acceptable installer and approving application method. C. CERTIFICATIONS: Automatic sliding door systems and options shall be factory certified to meet performance design criteria in accordance with the following standards: 1. ANSI A156.10 - 2011: For Power Operated Pedestrian Doors; Sliding Doors section. 2. NFPA 101: Code for Safety to Life from Fire in Buildings & Structures. 3. ETL Listed: Tested to UL 325 Standard 4. BOCA: Means of Egress, Power Operated Doors 5. ICC/UBC: Egress Through Lobbies 6. ICC/IBC: Egress Section D. OPERATING RANGE: -30° F to 130° F (-34° C to 54° C) E. OPENING FORCE REQUIREMENTS FOR EMERGENCY EGRESS: 1. Slide-swing panels shall require no more than 50 lbf. (222 N) of force to swing open. Slide-swing panels shall be capable of swinging out 90° from any position of slide movement. 2. Slide-swing panels and swing-out sidelites shall have torsion spring designed to re-close panel if pushed open in the direction of egress. 3. If power fails, slide panels can be manually slid open with no more than 15 lbf (222 N) of force. 4. Units are ETL listed as an exit way and are compliant with NFPA 101. F. CLOSING FORCE REQUIREMENTS: Maximum force required to prevent sliding panel from closing = 28 lbf. (124.5 N) Adjustable Reversing Circuit will reopen door unit if closing path is obstructed. G. HEADER CAPACITY: Header shall be capable of supporting: 1. Biparting: Up to 250 lbs. (113.4 kg) per slide panel over spans up to 16'-0" (4877mm) without intermediate supports. 2. Single Slide: Up to 350 lbs. (158.7 kg) per slide panel over spans up to 9'-0" (2743mm) without intermediate supports.

1.05 WARRANTIES

- A. MANUFACTURER'S WARRANTY: Units to be warranted against defect in material and workmanship for a period of one year from the Date of Substantial Completion. Manufacturer's warranty is in addition to, and not limited to, other rights owner may have under Contract Documents. B. DISTRIBUTOR'S WARRANTY: 1 year warranty: Labor/ transportation charges for defective parts replacement.

1.06 PROJECT CONDITIONS

FIELD MEASUREMENTS: Verify actual dimensions/openings by field measurements before fabrication and record on shop drawings. Coordinate with fabrication and construction schedule to avoid construction delays.



ARCHITECTURAL SPECS

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C. SECURITY AND SAFETY POWER FAIL OPTIONS:

- 1. Automatic lock: Automatically locks slide function of door when in closed position. Additional power supply for autolock not acceptable. a. Autolock Fail Secure: If power fails the lock engages. b. Autolock Fail Safe: If power fails the lock disengages. 2. Monitored Power Fail Options (battery back-up): a. Software Selectable Power Fail Open: If power fails the door slides open. b. Software Selectable Power Fail Close: If power fails the door slides closed.

D. PROFILOR® HEADER: Shall be slim 4" (102mm) deep by 6" (152mm) high aluminum construction with extruded z-profile reinforcement for dead load and lateral strength. Header shall have removable face plate for service and adjustment of operator and controls. Header mounts flush to 4" framing jambs.

- 1. Type 410 units will require 6" x 6" header. 2. SpaceSaver™ headers shall be combined depth of 6" (203mm) with removable face plate for each.

E. CARRIER ASSEMBLIES AND HEADER ROLLER TRACK: Carrier assemblies shall support door panels with minimum four rollers per panel. Rollers will be steel, high quality ball bearing wheels 1-1/4" (32 mm) diameter. Anti-derailing shall be accomplished by means of a continuous aluminum extrusion full length of slide panel travel. Overhead header roller track shall be continuous aluminum, nylon covered, and replaceable.

F. SLIDING PANEL(S) AND SIDELITE(S): Shall be aluminum, 1-3/4" (44 mm) deep with narrow stile rails. An intermediate, horizontal rail (muntin bar), 2 1/4" (57 mm) wide, shall be furnished for safety and division of glass (optional on 010 units). Standard bottom rail shall be 4" (102mm) tall. Sliding panels shall have concealed bottom guides to stabilize slide travel.

- 1. Weather-stripping: Along perimeter of sliding panel(s) and swing-out sidelite(s). Weatherstripping material captured in extruded aluminum door panel. Surface applied self-adhesive weatherstripping not acceptable. Adjustable spring-loaded double astragal weather-stripping at lead edge, double mohair at interlock rails 2. Standard glazing prep to be for 1/4" (6 mm) glass. 3. Sliding Panel and Sidelite Options shall be: a. Medium stile construction: 3 3/4" (95mm) wide vertical rails with 6 1/2" (165mm) tall bottom rail. Note: Medium stile construction will reduce slide opening. b. Wide stile construction: 5" (127mm) wide vertical rails with 6 1/2" (165mm) tall bottom rail. Note: Wide stile construction will reduce slide opening. c. Surface applied push bar 1 1/2" (32mm) wide in lieu of standard muntin bar. d. Custom horizontal muntins from 1/2" (13mm) to 10" (254mm) wide. e. Custom bottom rails up to 10" (254mm) tall. f. Additional and/or extra wide sidelites of size and type indicated. g. Recessed sidelite and track and non-threshold application. h. Prep for glazing 5/16" (16mm) to 1" (25mm).

G. BREAKOUT PANELS: Slide-swing panels can swing out min.90° from any position of slide movement and require no more than 50 lbf. (222 N) of force applied at the lock stile to open. Slide-swing panels and swing-out sidelites shall utilize spring loaded ball detent.

- 1. Slide-swing panels and swing-out sidelites shall have torsion spring designed to re-close panel if pushed open in the direction of egress. 2. Breakout mechanism shall provide support across full width of the door, in normal operating mode. In breakout mode, torsion assembly shall support weight of the door to minimize drop during emergency egress. 3. Slide-swing panels shall include intermediate horizontal rail. 4. Units with breakout feature are ETL listed as an exit away and are compliant with NFPA 101.



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H. JAMBS/FRAME: Shall be aluminum. Jamb dimensions to be:

- 1. 1 3/4" (44mm) deep by 4" (102mm) wide for Types 010, 110, & 310. Optional jambs include: a. 1 3/4" (44mm) deep by 4 1/2" (114mm) wide. b. 1 3/4" (44mm) deep by 6" (152mm) wide. Maximum height: 8'-8". c. 2" (51mm) deep by 6" (152mm) wide. Maximum height: 8'-8". d. 4" (102mm) square. Maximum height: 8'-8". 2. 1 3/4" (44mm) deep by 6" (152mm) wide for Type 410. 3. 1 3/4" (44mm) deep by 8" (152mm) wide for SpaceSaver™. 4. Frame Option: Transom of size and type indicated, mounted on header

I. THRESHOLD: Shall be aluminum, 1/2" (25 mm) tall by 4" (102 mm) wide. Optional 7" (178 mm) wide.

- J. HARDWARE: ANSI A156.5, Grade 1, 2-Point Locking provided and installed in strike rail shall include: 1. Hookbolt Latch, 5/8" laminated stainless steel, latching into jamb or adjacent strike rail. 2. 3/8" hex-bolt into breakout carrier frame. 3. Keyed 1 5/32" (29 mm) Cylinder mounted on exterior side with 31/32" (25 mm) backset 4. Thumbturn mounted on interior side. 5. Hardware Options: a. 3-Point locking for biparting doors b. Flush Panic Exit Device recessed in 6 1/2" muntin bar for door types 110 and 310. c. Surface mounted Panic Exit Device for door type 310.

2.03 RELATED EQUIPMENT

BASIC SENSOR SYSTEM: Shall be 24 VDC, class II circuit and shall be adjusted and installed in compliance with ANSI A156.10. System shall include the following:

- A. ACTIVATION SENSORS: Microwave or active infrared sensor shall be header-mounted each side of door unit for detection of traffic from each direction. B. THRESHOLD PRESENCE SENSORS: 1. Header mounted sensors shall provide active infrared presence detection on each side of the door unit and shall remain active throughout the entire door opening and closing cycle. 2. Hold-open beams: Two pulsed infrared photoelectric beams to be mounted in vertical rails of sidelite or in jambs. Sender/receiver arrangement parallels door opening.

2.04 RELATED WORK REQUIREMENTS

- A. ELECTRICAL: 120 VAC, 50/60 cycle, single phase, dedicated 20 amp circuit per operator. Non-North American voltages can be 240 VAC 50/60 cycle (operator must have 240 volt power supply). B. GLASS AND GLAZING: Glass stops, glazing vinyl and setting blocks for field glazing as per Safety Glazing standard ANSI Z97.1.2. Contractor to coordinate acquisition of glass in thickness and type in accordance with manufacturer's recommendations for prescribed design.

2.05 MATERIALS, FINISHES AND FABRICATION

- A. EXTRUDED ALUMINUM: ASTM B221, 6063-T5 alloy and temper, anodized: 1. Structural Header Sections: Minimum 3/16" (5 mm) thickness. 2. Structural Frame Sections: Minimum 1/8" (3 mm) thickness. 3. Structural Panel Sections: Commercial grade.



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1.07 DELIVERY, STORAGE AND HANDLING

- A. ORDERING AND DELIVERY: Comply with factory's ordering instructions and lead time requirements. Delivery shall be in factory's original, unopened, undamaged containers with identification labels intact. B. STORAGE AND PROTECTION: Provide protection from exposure to harmful weather conditions and vandalism.

PART II - PRODUCTS

2.01 MANUFACTURER

HORTON AUTOMATICS, a division of Overhead Door Corporation, shall manufacture automatic sliding door(s) of type(s) and size(s) specified on plans and door schedule.

2.02 EQUIPMENT

- A. MANUFACTURED DOOR UNITS: Shall include operator, header with roller track, carrier assemblies, framing, sliding door panel(s), sidelite(s), activation, safety devices and accessories required for complete installation. 1. Configuration: Single Slide or Biparting 2. Mounting Type: a. Perimeter mounted within rough opening with sliding panel(s) sliding along sidelite. b. Surface mounted with sliding panel(s) sliding along wall eliminating need for sidelite. 3. Door Type: a. Type 010: Sliding panel(s) 'X' shall slide along interior side. b. Type 110: Slide-swing panel(s) 'SX' shall slide along exterior side. c. Type 310: Slide-swing panel(s) 'SX' shall slide along interior side. Unit has Swing-out sidelite 'SO'. e. SpaceSaver™: Dual single slide units with common sidelite. Slide-swing panel 'SX' slides along exterior of middle sidelite 'O' from one direction. Sliding panel 'X' slides along interior side from opposite direction.

- B. OPERATOR: The Electric Operating Mechanism shall be Profilor® Series 2000 Linear Drive. The operator shall be mounted and concealed within the header. 1. Operation shall be accomplished through a 1/8 HP DC permanent magnet working with a threadless, induction hardened stainless steel 1/2" (13mm) diameter linear drive shaft. Maximum current draw shall not exceed 3.15 amps. A linear travel block describes a helical path along the rotating shaft utilizing six aircraft quality ball bearings acting as an integral clutch. Linear drive shaft shall be self lubricating by means of integral oiler located in the travel block. 2. Master Control shall be 16 bit microprocessor controller with dual on-board seven-segment alphanumeric diagnostic display and position encoder. The encoder shall monitor revolutions of the operator shaft and send signals to microprocessor controller to define door position and speed. The control shall have minimum of 28 programmable parameters including the following functions as required by ANSI A156.10 - 2011: a. Adjustable opening and closing speeds. b. Adjustable back-check and latching. c. Adjustable braking. d. Adjustable hold-open time between 1 to 30 seconds. e. Adjustable Reversing Circuit will reopen door unit if closing path is obstructed. f. Separate day and night modes of operation with security over-ride. 3. Finger Safety: Strike rail of sliding panel will stop short of adjacent sidelite; resulting opening is net slide. 4. On/Off Switch shall be supplied. When switched OFF, unit reverts to free manual operation (likewise during electrical power failure).



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B. FINISHES (for all exposed aluminum surfaces): Shall be one of the following:

- 1. 204-R1 Clear: Arch. Class 2 Clear Anodized Coating, AA-Mi2C22A31. 2. 313-R1 Dark Bronze: Arch. Class 1 Anodized Coating, AA-Mi2C22A44. 3. 312-R1 Medium Bronze: Arch. Class 1 Anodized Coating, AA-Mi2C22A44. 4. 311-R1 Light Bronze: Arch. Class 1 Anodized Coating, AA-Mi2C22A44. 5. Champagne: Arch. Class 1 Anodized Coating, AA-Mi2C22A44. 6. Gold: Arch. Class 1 Anodized Coating, AA-Mi2C22A44. 7. Paint Coatings: a. Powder Coat: 100% V.O.C. free fluoropolymer resin-based. Standard and custom colors available including wood grain finish. b. Wet Paint: Standard and custom colors available. c. Clad with stainless steel or muntz metal (brass alloy): #7 mirror finish or #4 brushed finish.

- C. PANEL CONSTRUCTION: 1. Corner block type with 3/16" steel backup plate construction, mechanically secured with minimum of four hardened steel screws. Sash consists of snap-in glass stops, snap-in glazing beads and vinyl gaskets. 2. Slide-swing doors to be supplied with adjustable glass setting block to allow for adjusting of door to meet site conditions eliminating the need for additional shims. D. FRAME CONSTRUCTION: Butt joints, mechanically secured with screws and formed alum. corner brackets. E. OPERATOR CONSTRUCTION: Electromechanical, modular type construction.

PART III - EXECUTION

3.01 EXAMINATION

SITE VERIFICATION OF CONDITIONS: Installer must verify that base conditions are acceptable for product installation according to with manufacturer's instructions. Notify the Contractor in writing of conditions detrimental to the proper and timely completion of work. Do not start work until all negative conditions are corrected.

3.02 INSTALLATION

- A. GENERAL: Installer shall be factory trained, certified by AAADM, and experienced to perform work of this section. Install door units plumb, level and true to line, without warp or rack of frames or sash with manufacturer's prescribed tolerances. Provide support and anchor in place. Provide weather-tight construction. B. ELECTRICAL: General or electrical contractor to install all wiring to operator on a separate circuit breaker located into header. General or electrical contractor also to install all necessary power and low voltage wiring for proper operation of associated security systems. 3.03 CLEANING, ADJUSTMENT AND PROTECTION A. CLEANING: After installation, installer will clean product surfaces and lubricate operating equipment for optimum condition and safety. Advise contractor of precautions required throughout the remainder of the construction period, to ensure that doors will be without damage or deterioration at the time of acceptance. B. ADJUSTMENT: AAADM certified technician to inspect and adjust installation. Comply with ANSI A156.10-2011.

Note: Horton Automatics reserves the right to make product improvements and change specifications without notice.

END OF SECTION



Carl V. Daniel, Jr. 1 December 2020

Table with columns: No., Description, Date, Initials, Revision

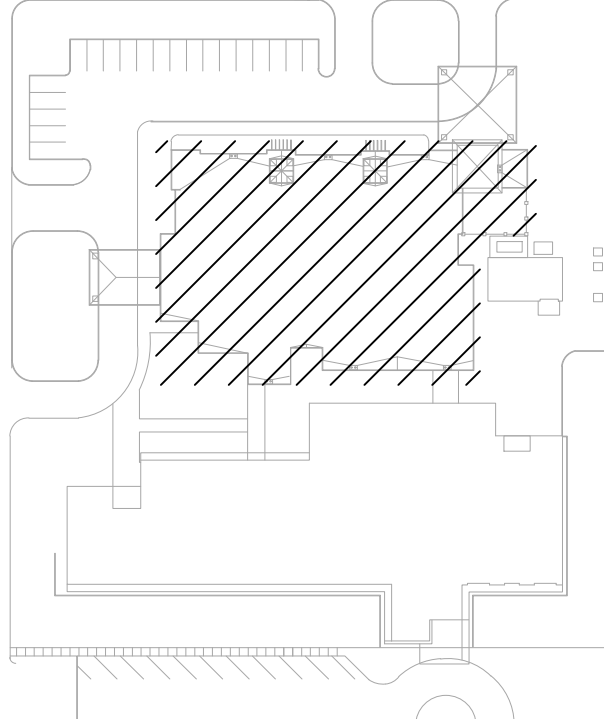
DESIGNED BY: EMC DRAWN BY: EMC CHECKED BY: EMC SCALE: AS SHOWN



Project: NORTH VESTIBULE RENOVATION Union County General Hospital Location: 300 WILSON STREET CLAYTON, NEW MEXICO 88415

Job Number: EMC-2008019.2 Date: 12/15/2020 Scale: AS SHOWN Sheet A-801 1 of 10

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KEY PLAN SCALE: NONE



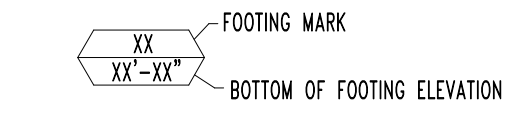
PLAN NOTES

EXISTING CONSTRUCTION SHOWN IS PER AVAILABLE INFORMATION.
CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.

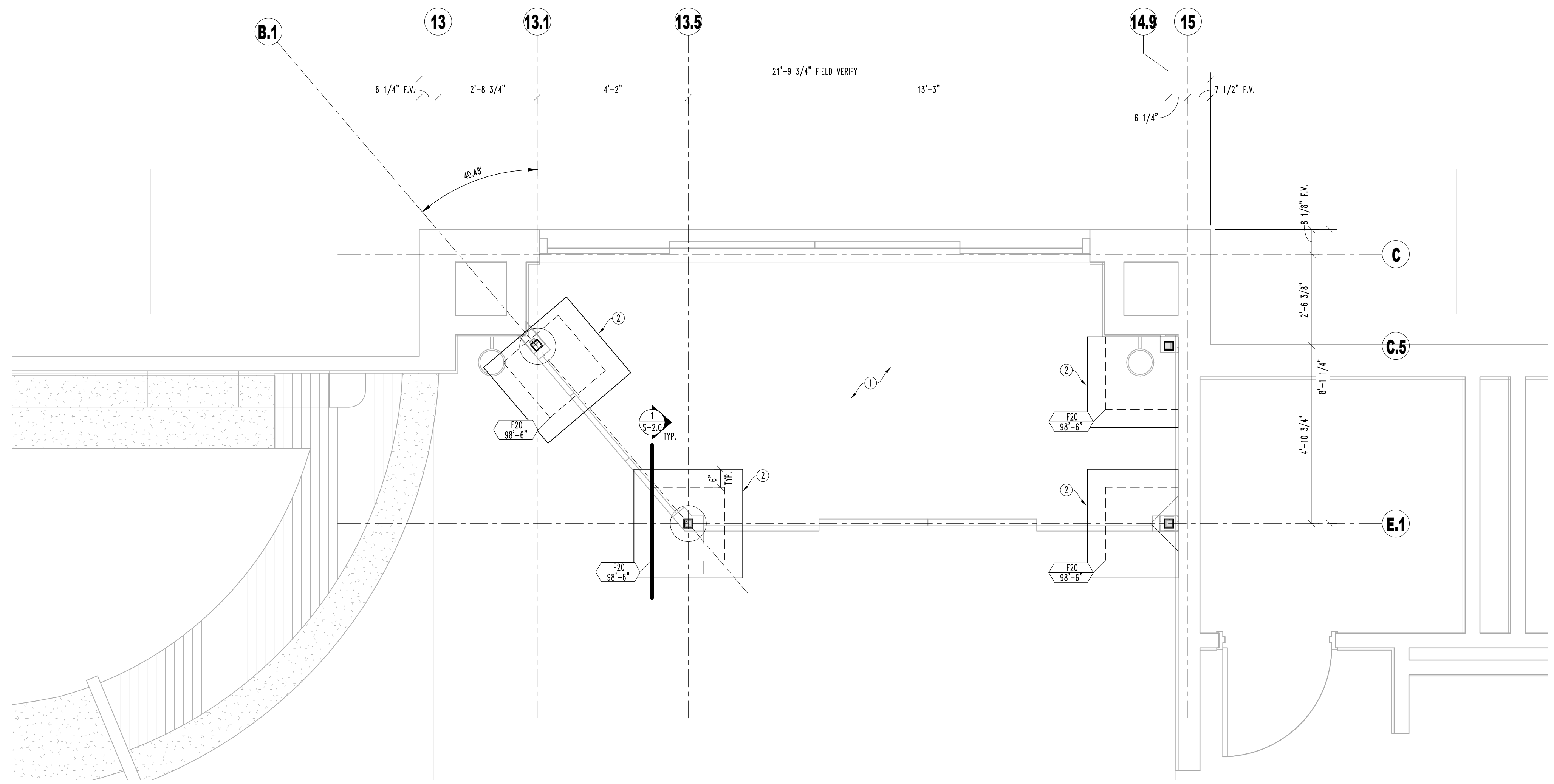
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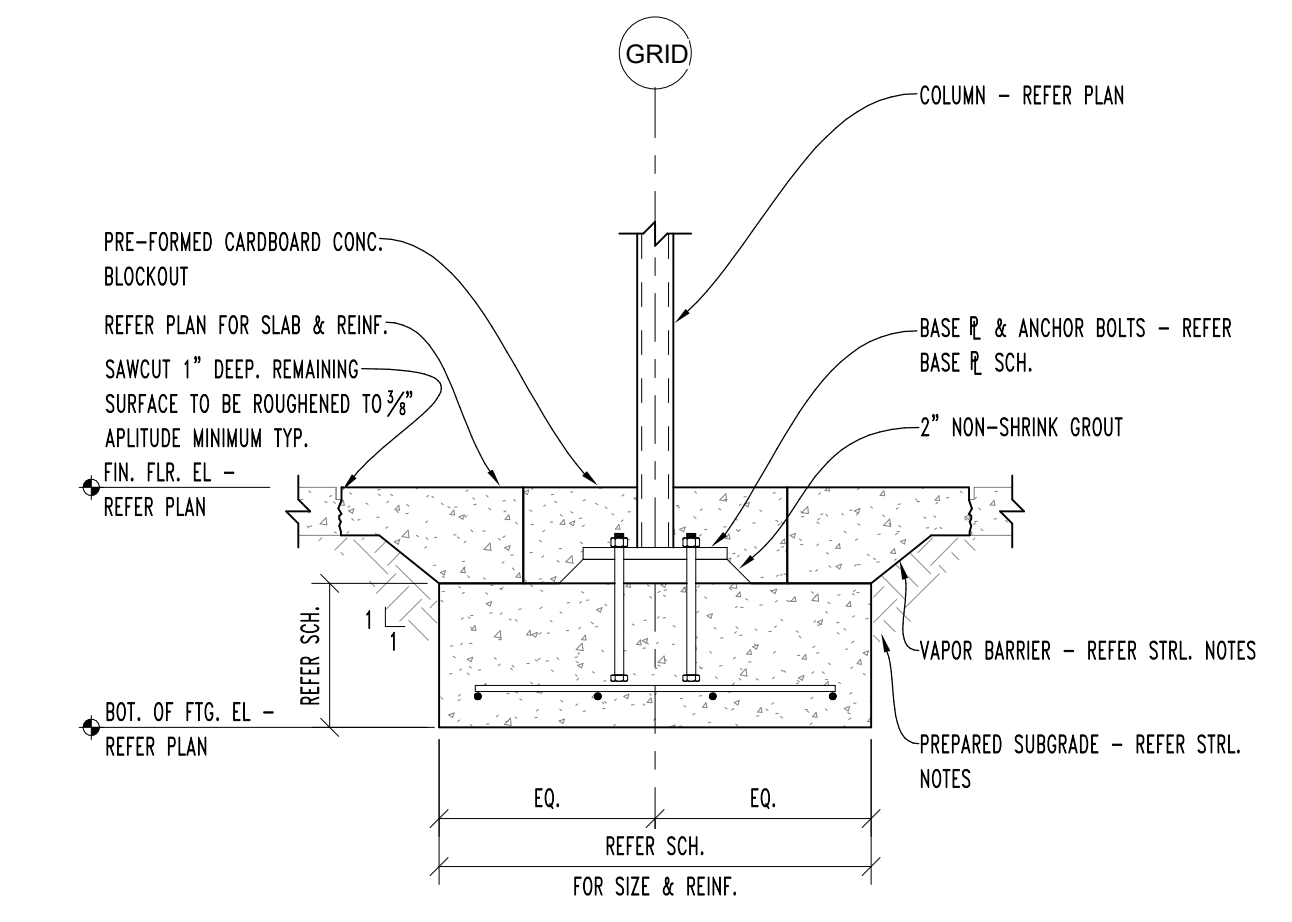
FOOTING SCHEDULE



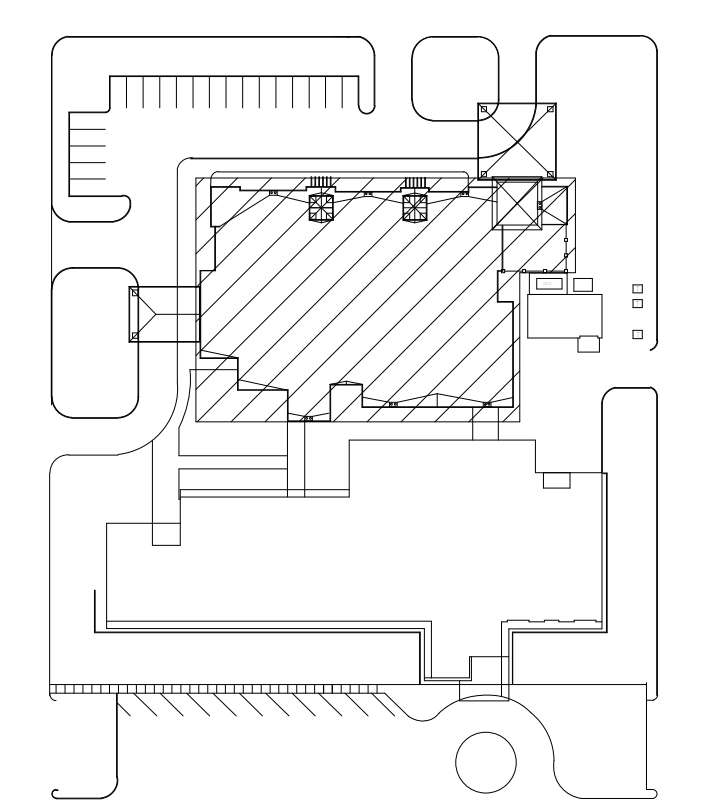
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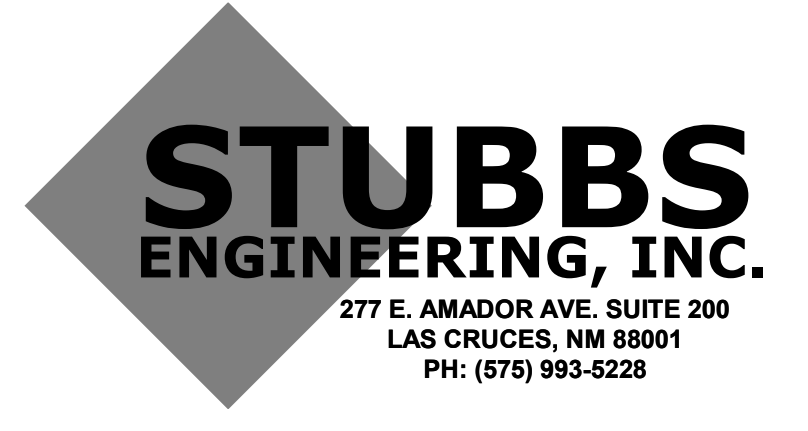
FOUNDATION PLAN
SCALE: 1/2" = 1'-0"
NORTH



1 SCALE: 3/4" = 1'-0"



KEY PLAN
SCALE: NONE



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<p>EMC ENGINEERS</p>									
<p>Project: NORTH VESTIBULE RENOVATION For: UNION COUNTY GENERAL HOSPITAL Location: 300 WILSON STREET CLAYTON, NEW MEXICO 88415</p>									
<p>Job Number: E19-001 Date: 12/14/20 Scale: As indicated Sheet: S-2.0 2 of 4</p>									

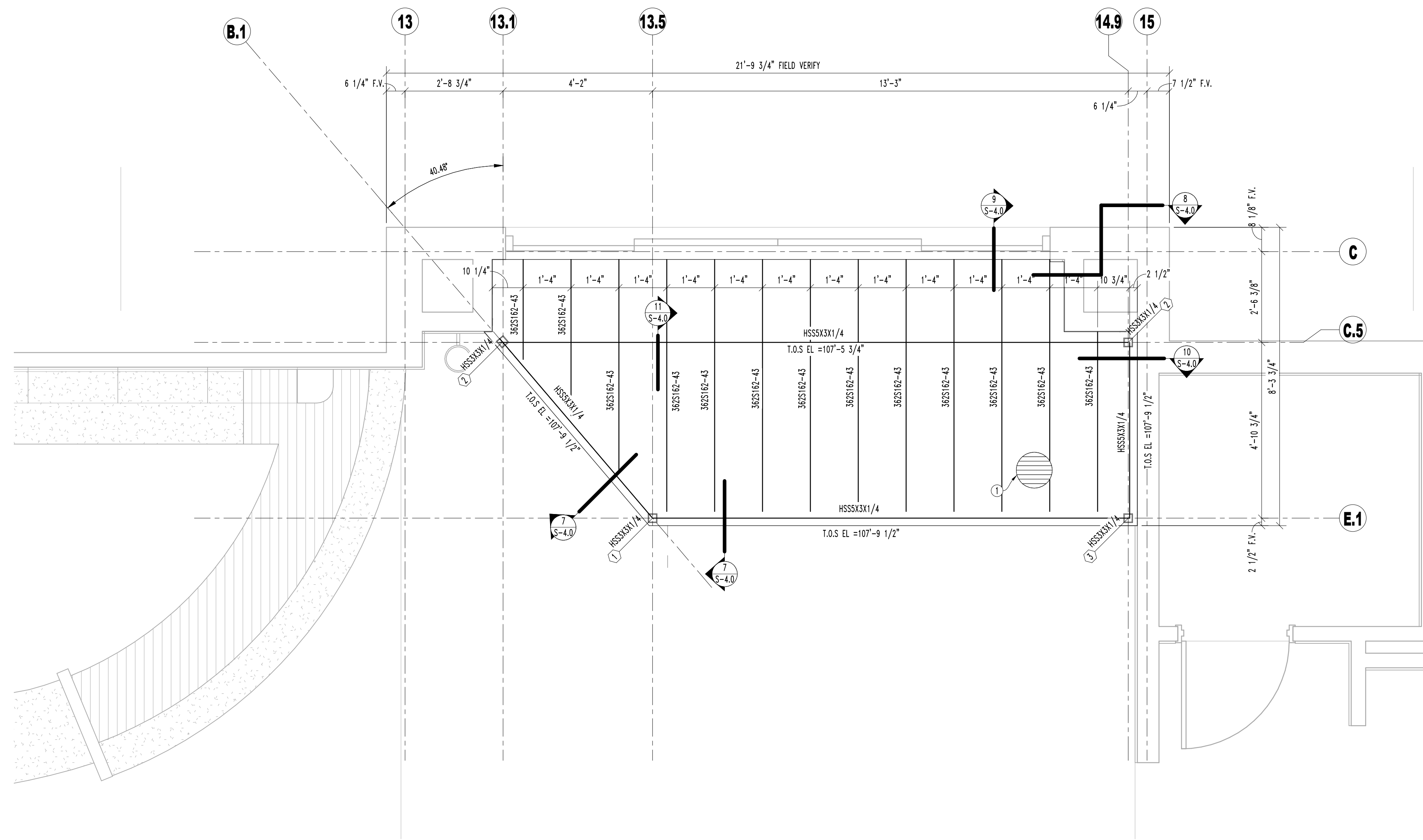


PLAN NOTES

- ALL DIMENSIONS ARE TO FACE OF CONCRETE UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
- Ⓢ INDICATES BASE PLATE TYPE. REFERENCE DETAIL 2 / 5-4.0 FOR BASE PLATE SCHEDULE.
- JOISTS SHALL BE EQUALLY SPACED UNLESS NOTED OTHERWISE.
- EXISTING CONSTRUCTION SHOWN IS PER AVAILABLE INFORMATION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.

KEY NOTES

- 1. 1-1/2" 22ga B DECK - REFERENCE STRUCTURAL NOTES

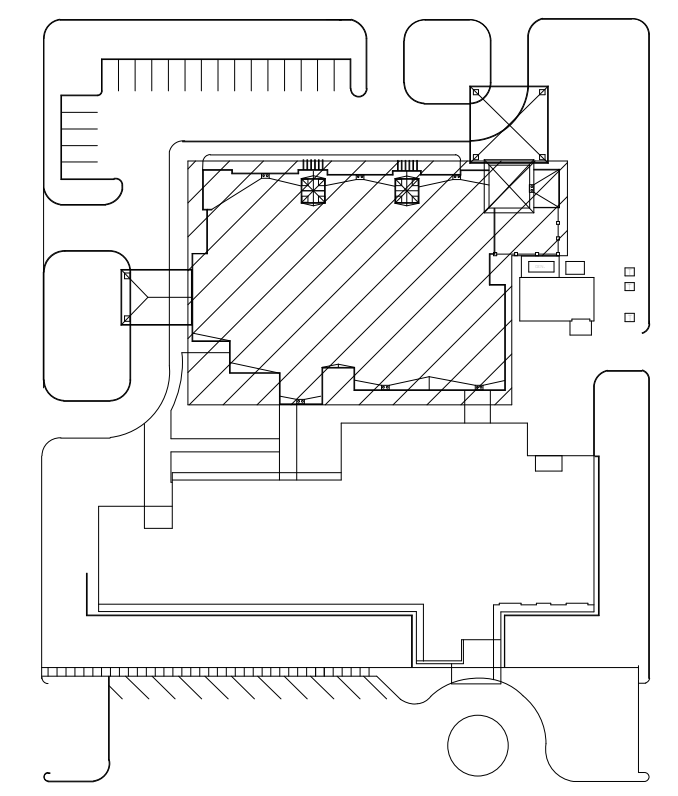


ROOF FRAMING PLAN

SCALE: 1/2" = 1'-0"



NORTH

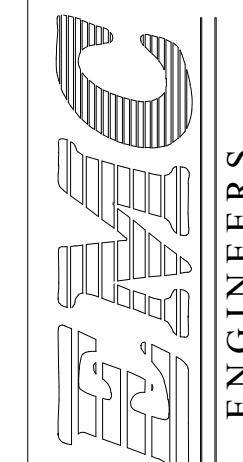


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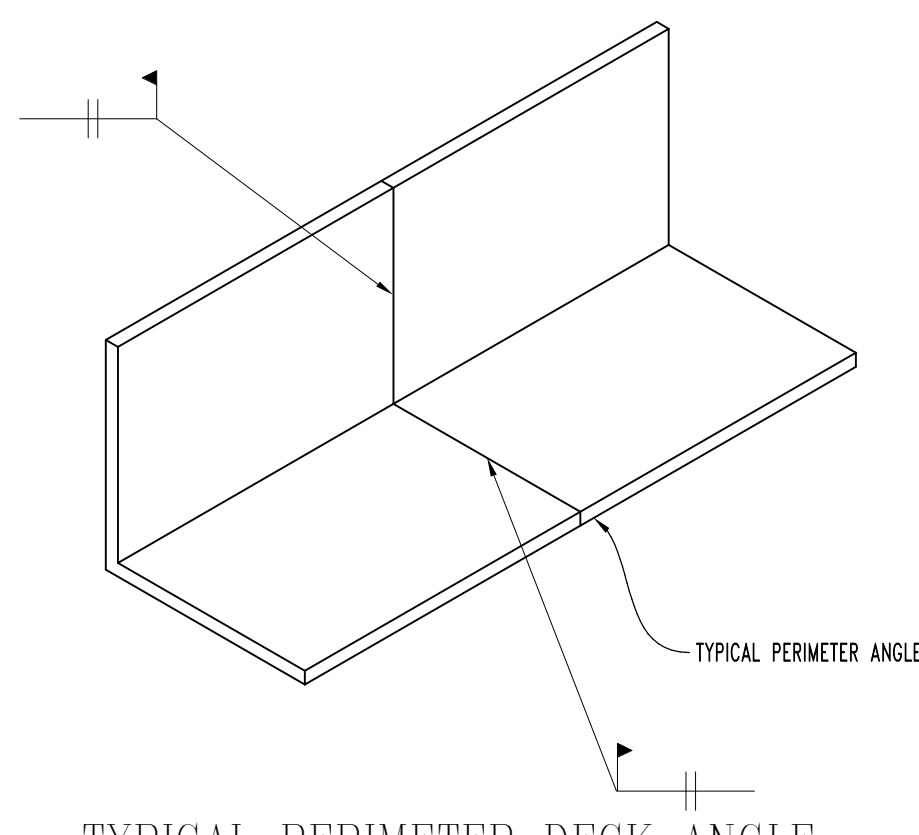
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Project:	NORTH VESTIBULE RENOVATION		
Job Number:	E19-001		
Date:	12/14/20		
Scale:	As indicated		
Sheet:	S-3.0		
3 of 4			
For:	UNION COUNTY GENERAL HOSPITAL		
Location:	300 WILSON STREET CLAYTON, NEW MEXICO 88415		
Designed By:	CDA		
Drawn By:	FM		
Checked By:	MAS		
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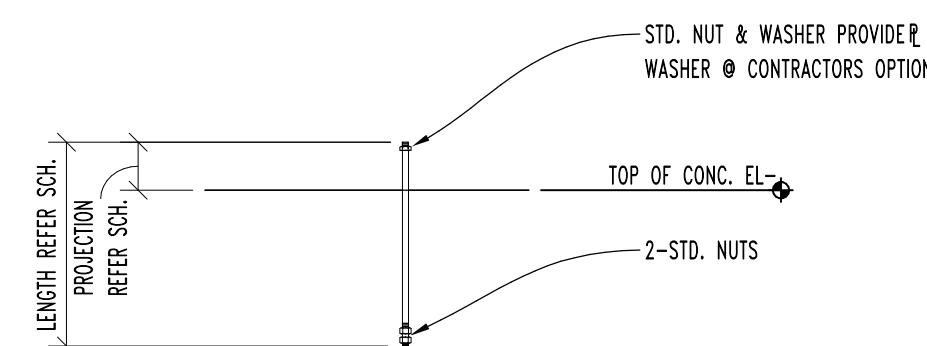
EMC ENGINEERS
277 E. AMADOR AVE. SUITE 200
LAS CRUCES, NM 88001
PH: (575) 993-5228



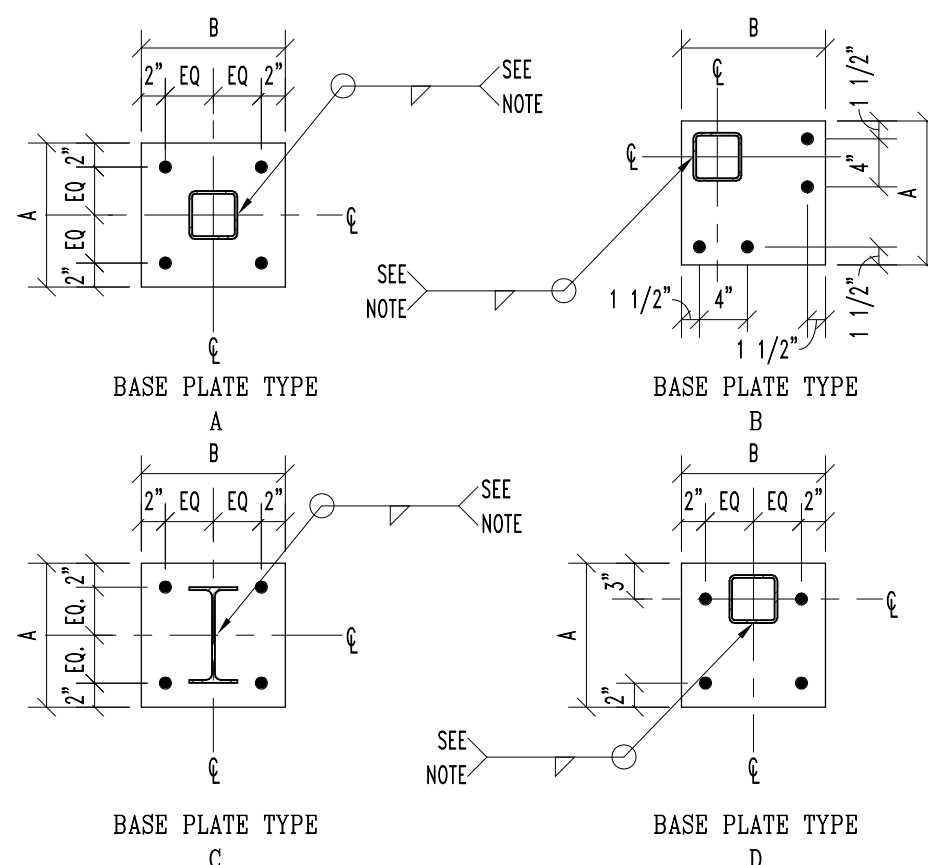
1 TYPICAL PERIMETER DECK ANGLE SPLICE
SCALE: 3/4" = 1'-0"

BASE PLATE SCHEDULE				
MARK	BASE PLATE TYPE	BASE PLATE SIZE	ANCHOR BOLTS	ANCHOR BOLT PROJECTION
A		3/2" x 12" x 1/2"	4-3/2" Ø x 12"	4"
B		3/2" x 12" x 1/2"	4-3/2" Ø x 12"	4"
D		3/2" x 12" x 1/2"	4-3/2" Ø x 12"	4"
C		1 1/2" x 16" x 1/2"	4-1 1/2" Ø x 12"	6"

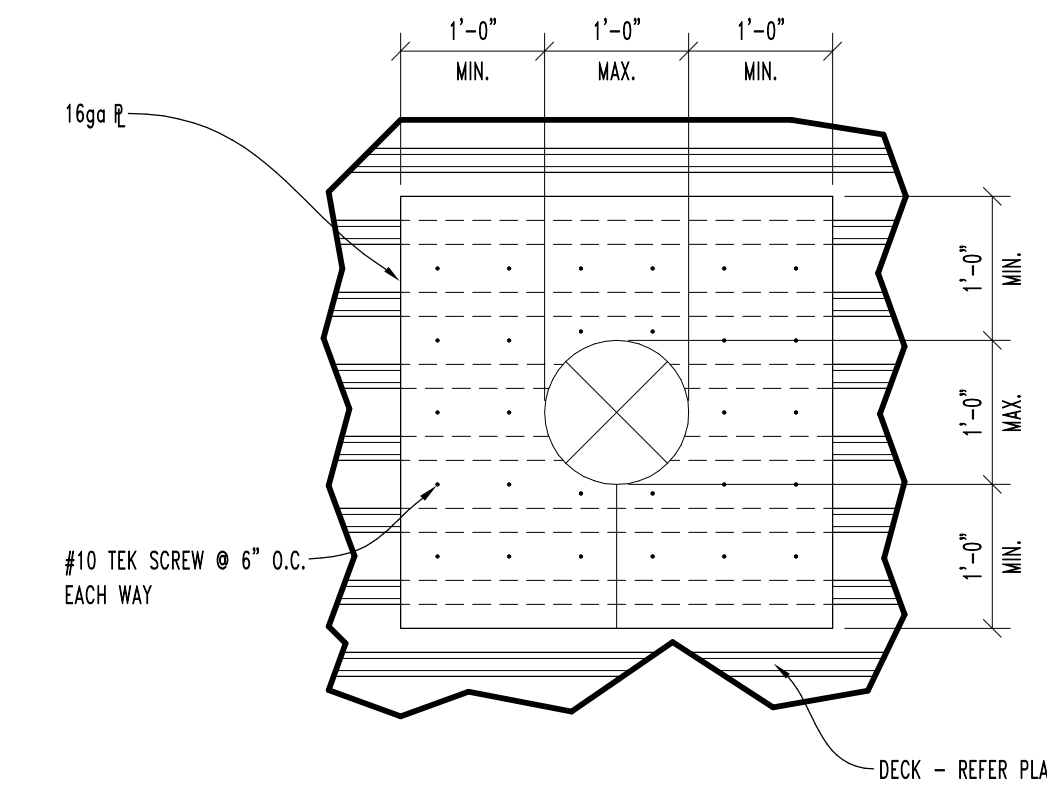
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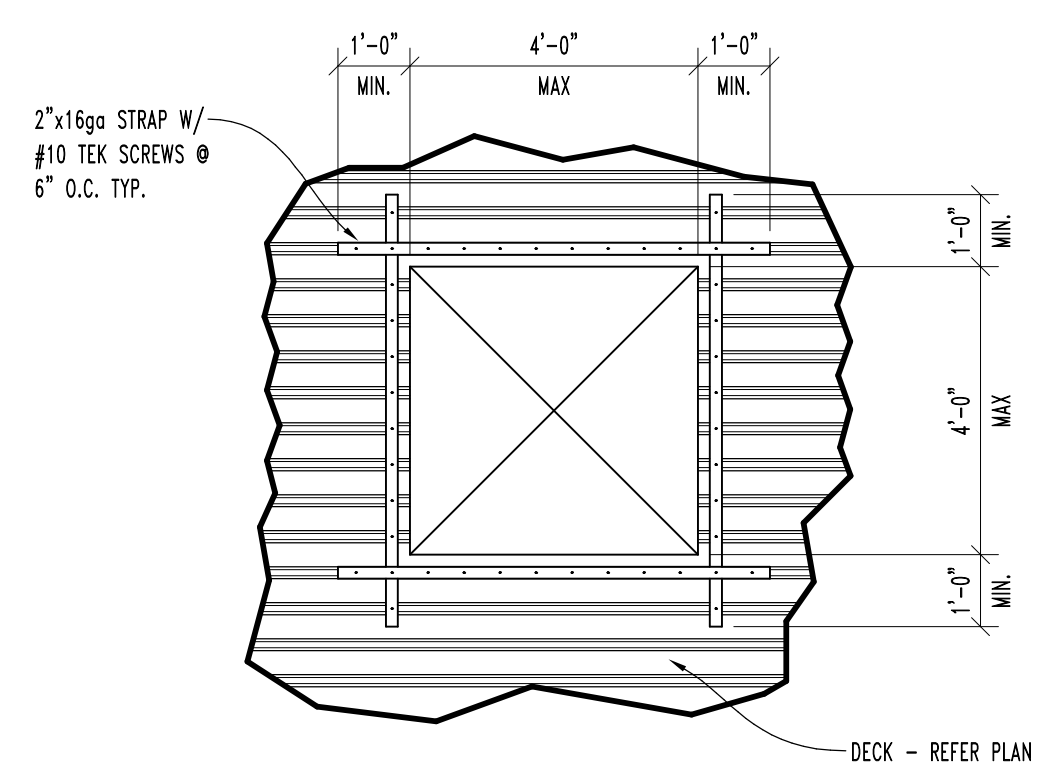
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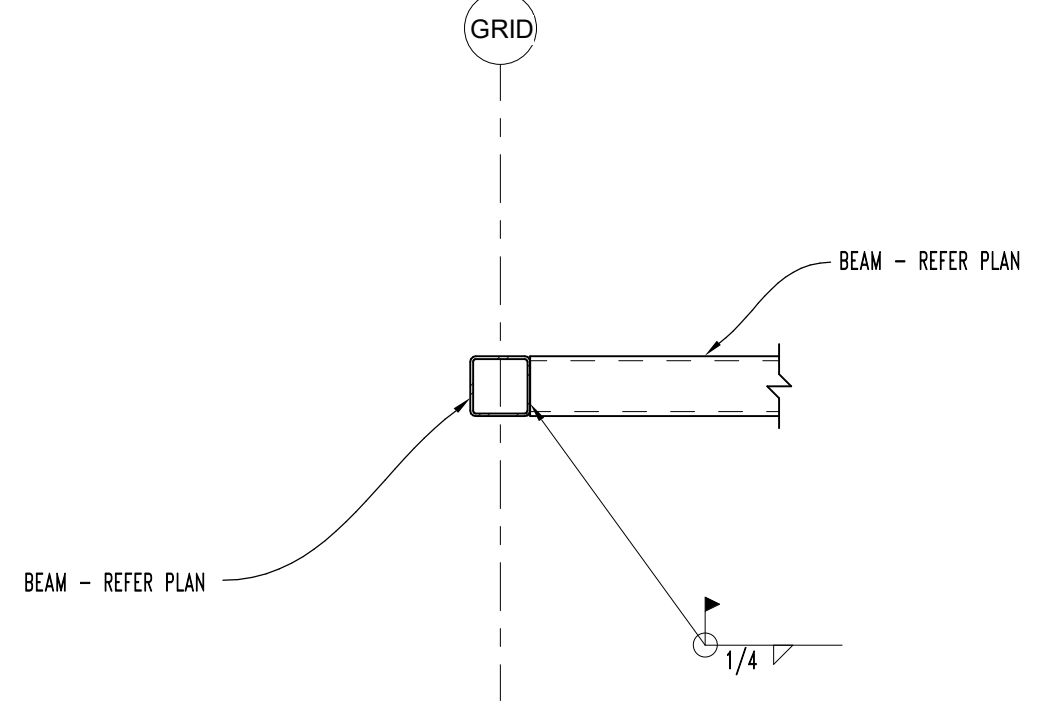
3 TYPICAL HSS BEAM TO HSS COLUMN CONNECTION
SCALE: 3/4" = 1'-0"



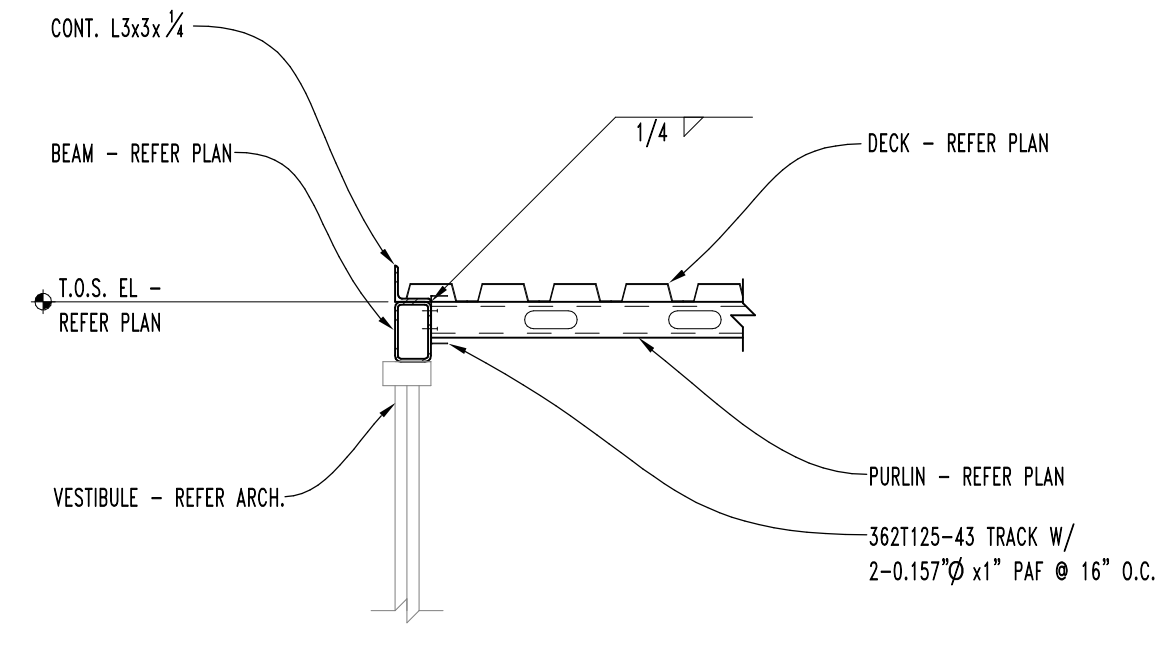
4 ROOF OPENING LESS 12 INCHES
SCALE: 3/4" = 1'-0"



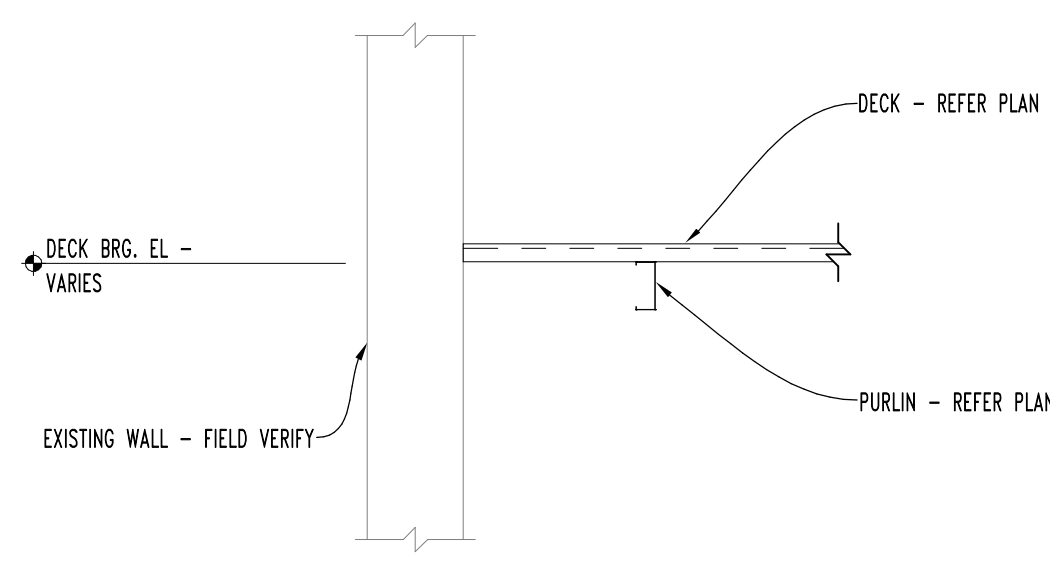
5 ROOF OPENING 4'-0" MAX
SCALE: 3/8" = 1'-0"



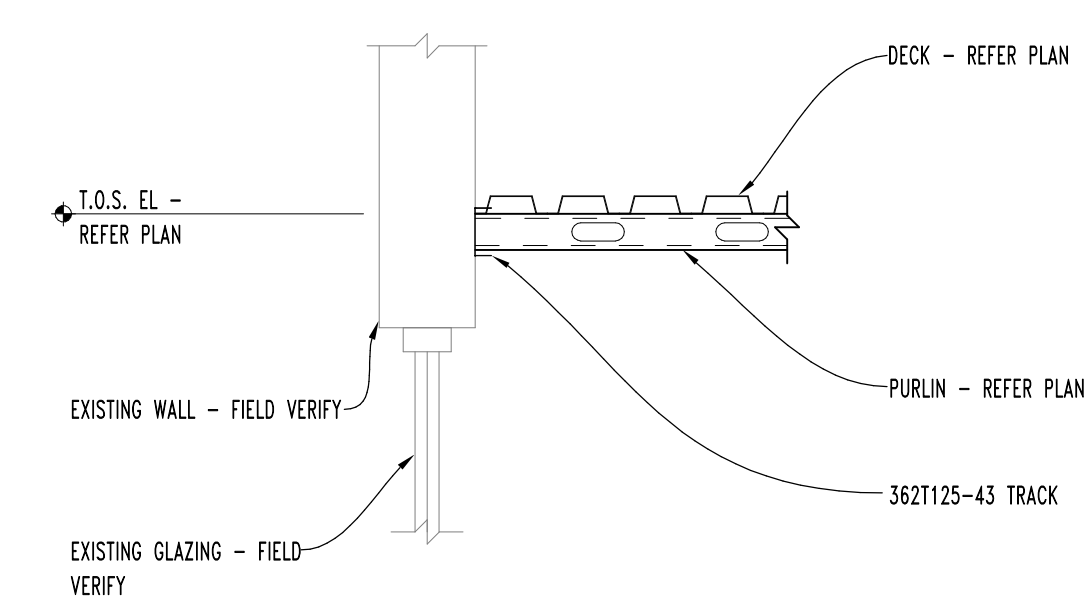
6 TYPICAL HSS BEAM TO HSS BEAM CONNECTION
SCALE: 3/4" = 1'-0"



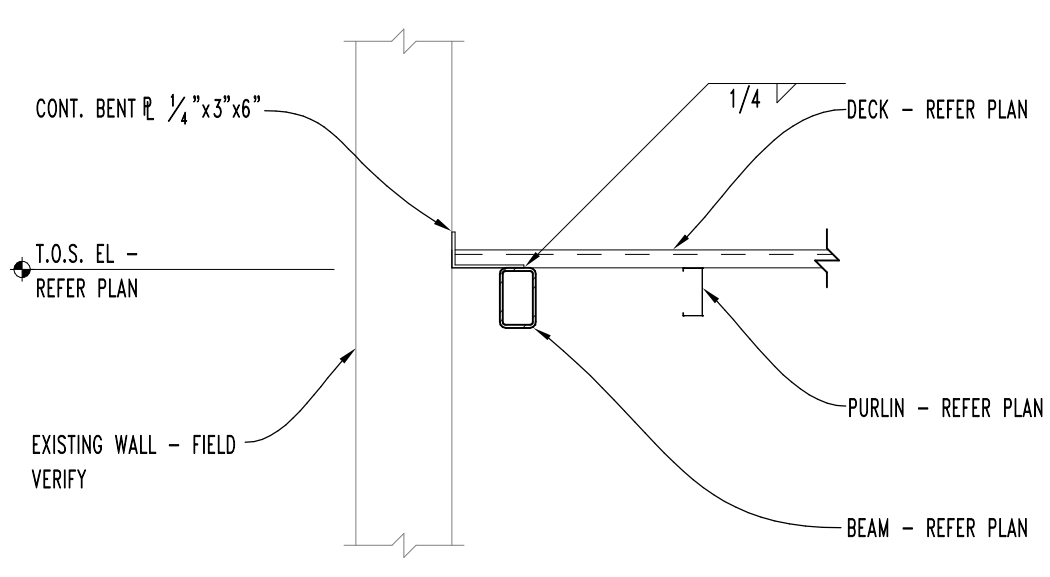
7
SCALE: 3/4" = 1'-0"



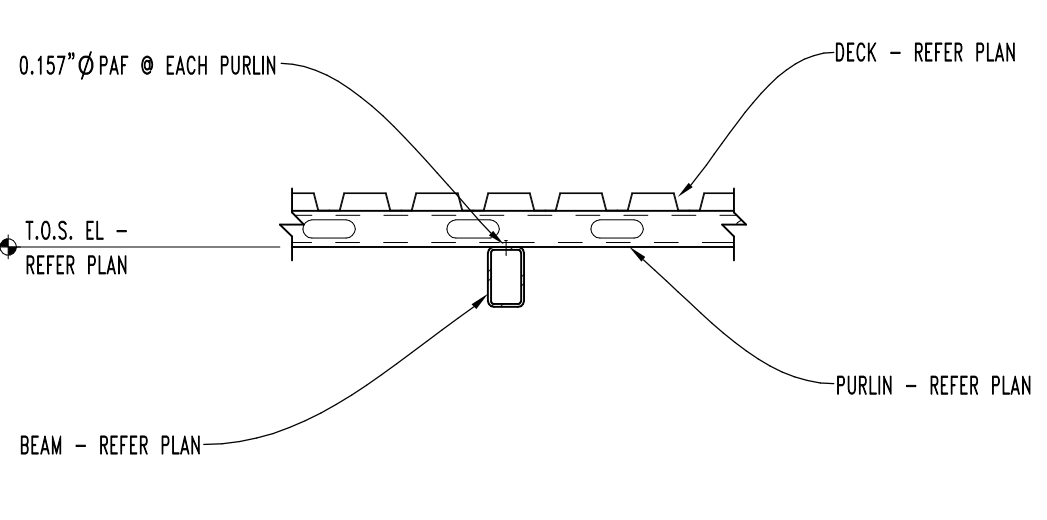
8
SCALE: 3/4" = 1'-0"



9
SCALE: 3/4" = 1'-0"

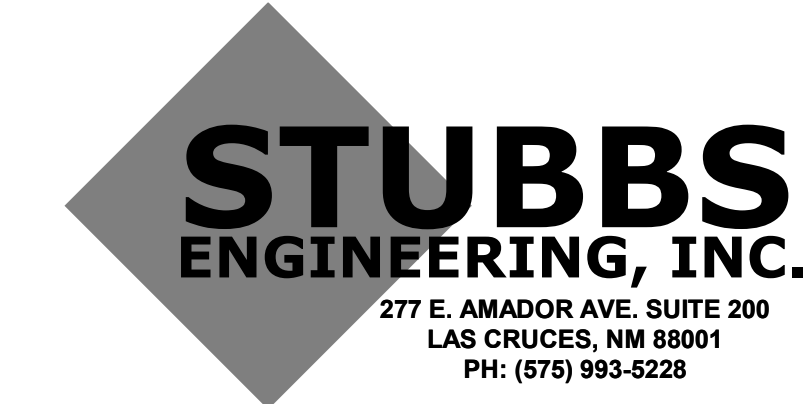


10
SCALE: 3/4" = 1'-0"



11
SCALE: 3/4" = 1'-0"

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Project:	Job Number:	Date:	Scale:	Sheet
NORTH VESTIBULE RENOVATION	E19-001	12/14/20	As indicated	S-4.0
For:	Location:			
UNION COUNTY GENERAL HOSPITAL	300 WILSON STREET CLAYTON, NEW MEXICO 88415			
Designed By: CDA	Checked By: MAS	Rev.#	Date	Initials
Drawn By: FMI	AS SHOWN			
Scale:				
Revision Description:				



ELECTRICAL GENERAL NOTES:

1. THESE ELECTRICAL GENERAL NOTES ARE APPLICABLE TO ALL ELECTRICAL SHEETS IN THIS PROJECT SET.

2. THE ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE AND ADOPTED PROVISIONS OF THE FOLLOWING CODES:
2017 NATIONAL ELECTRICAL CODE
2015 INTERNATIONAL BUILDING CODE
2015 UNIFORM PLUMBING CODE
2015 UNIFORM MECHANICAL CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL FIRE CODE
2009 INTERNATIONAL ENERGY CONSERVATION CODE
AS ADOPTED AND INTERPRETED BY THE STATE OF NEW MEXICO, UNION COUNTY AND THE NATIONAL FIRE ASSOCIATION (NFPA) REGULATIONS, CURRENT ADOPTED EDITION REGARDING ELECTRICAL SYSTEMS, FIRE PROTECTION AND ALARM SYSTEMS AND ASSOCIATED MECHANICAL AND PLUMBING SYSTEMS. ALL LABOR AND MATERIALS NECESSARY TO COMPLY WITH RULES, REGULATIONS AND ORDINANCES SHALL BE PROVIDED, WHERE THE DRAWINGS INDICATE MATERIALS OR CONSTRUCTION IN EXCESS OF CODE REQUIREMENTS, THE DRAWINGS SHALL GOVERN. THE CONTRACTOR SHALL HOLD AND SAVE THE OWNER, ARCHITECT AND ENGINEER FREE AND HARMLESS FROM LIABILITY OF ANY NATURE OR KIND ARISING FROM HIS FAILURE TO COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.

3. THE CONTRACTOR SHALL COORDINATE WITH OWNER, ARCHITECT, AND ENGINEER ANY WORK THAT HAS THE POTENTIAL TO HINDER ELECTRICAL SERVICES TO AREAS OUTSIDE OF THIS CONTRACT, ALL SHUT-DOWNS OR TIE-INS RELATING TO THESE SYSTEMS SHALL BE SCHEDULED AND SUBMITTED IN WRITING TO BE APPROVED BY THE OWNER'S FACILITY MANAGEMENT, OWNER, ARCHITECT, OR ENGINEER. CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE FOR PHASING OF CONSTRUCTION THAT INDICATES AREAS OF FIRST PRIORITY DURING EACH PHASE AND ANTICIPATED COMPLETION TIMES. SCHEDULES SHALL BE SUBMITTED A MINIMUM OF ONE WEEK PRIOR TO COMMENCING WORK. FACILITY MANAGEMENT, OWNER, ARCHITECT OR ENGINEER SHALL REVIEW THESE SCHEDULES AND NOTIFY CONTRACTOR OF ACCEPTANCE PRIOR TO COMMENCEMENT OF WORK.

4. ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH CODES AND RULES, REGULATIONS AND ORDINANCES SHALL BE PROVIDED, WHERE THE DRAWINGS AND/OR SPECIFICATIONS INDICATE MATERIALS OR CONSTRUCTION IN EXCESS OF CODE REQUIREMENTS, THE DRAWINGS AND/OR SPECIFICATIONS SHALL GOVERN. THE CONTRACTOR SHALL HOLD AND SAVE THE OWNER, ARCHITECT AND ENGINEERS FREE AND HARMLESS FROM LIABILITY OF ANY NATURE OR KIND ARISING FROM HIS FAILURE TO COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.

5. BIDDERS SHALL VISIT THE SITE AND SHALL BE RESPONSIBLE FOR HAVING ASCERTAINED PERTINENT LOCAL CONDITIONS SUCH AS LOCATION, ACCESSIBILITY AND GENERAL CHARACTER OF THE SITE, THE CHARACTER AND EXTENT OF THE WORK WITHIN THE BUILDING AND TO BECOME FAMILIAR WITH ALL OTHER WORK TO BE PERFORMED AT THIS TIME. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO CONTRACTOR'S FAILURE TO DETERMINE ALL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.

6. BEFORE YOU DIG ALL EXISTING UTILITIES, I.E. WATER, SEWER, GAS, FIRE LINE, ELECTRICITY, CABLE, TELEPHONE, IRRIGATION LINES, SHALL BE LOCATED AND CLEARLY MARKED IN ORDER TO AVOID UNNECESSARY SHUT DOWNS AND EMERGENCY.

7. EACH CONTRACTOR SHALL GIVE ALL REQUISITE NOTICES AND FILLED OUT APPLICATIONS, OBTAIN AND PAY FOR ALL PERMITS, DEPOSITS AND FEES (INCLUDING UTILITY CONNECTIONS, FEES, ANY UTILITY EXTENSION FEES, TAP FEES, DEVELOPMENT FEES, AND IMPACT FEES) NECESSARY FOR THE INSTALLATION OF WORK UNDER THESE NOTES. TWO (2) COPIES OF CERTIFICATES OF APPROVAL SHALL BE OBTAINED FROM ALL AUTHORITIES ISSUING SAME AND SHALL BE TURNED OVER TO OWNER, ARCHITECT, ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK.
8. REQUIRED INSURANCE SHALL BE PROVIDED BY THIS CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK. CONTRACTOR SHALL SECURE AND PAY ALL PERMITS, FEES, INSPECTIONS, AND TESTS UNLESS OTHERWISE INDICATED, COORDINATE WITH ARCHITECT, ENGINEER OR OWNER. SUBSTITUTIONS REQUESTED BY THE CONTRACTOR SHALL BE PAID FOR BY THE CONTRACTOR.

9. ALL WORK SHALL CONFORM WITH FEDERAL, STATE, AND LOCAL CODES, RULES, AND REGULATIONS. ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE SYSTEMS SHALL BE INSTALLED COMPLETE AND FULLY OPERATIONAL UNLESS OTHERWISE INDICATED.

10. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROVIDE A WRITTEN REPORT TO THE ARCHITECT AND THE ENGINEERING OFFICES. THIS REPORT SHALL DESCRIBE EXISTING DAMAGE OR OTHER CONDITIONS THAT MAY INTERFERE WITH THIS PROPOSED NEW WORK. THIS SITE SURVEY SHALL ALSO INCLUDE VERIFICATION OF SIZES, LOCATIONS, AND CONDITIONS OF EXISTING UTILITIES. QUESTIONS REGARDING THESE DRAWINGS SHALL BE ADDRESSED TO THE ENGINEER PRIOR TO THE AWARDED OF THE CONTRACT. OTHERWISE THE ENGINEER'S INTERPRETATION OF THE MEANING AND INTENT OF THE DRAWINGS SHALL BE FINAL.

11. DURING CONSTRUCTION IF THE CONTRACTOR ENCOUNTERS AND DAMAGES THE EXISTING UNDERGROUND INFRASTRUCTURE THE CONTRACTOR SHALL REPAIR THE INFRASTRUCTURE AT NO ADDITIONAL COST TO THE OWNER. WHERE STRUCTURE IS ALTERED OR DAMAGED DURING CONSTRUCTION, INSTALLATION AND REMOVAL OF EQUIPMENT OR FIXTURES, THE CONTRACTOR SHALL REPAIR THE AREA TO MATCH SURROUNDING AREA PER ARCHITECTURAL SPECIFICATIONS, CUTTING, TRENCHING AND PENETRATIONS THROUGH FIRE WALL, CONCRETE AND OTHER STRUCTURES ARE A PART OF THIS PROJECT SCOPE AND SHALL BE INCLUDED IN THE CONTRACTOR'S BID. ALL EXCAVATION AND BACKFILLING REQUIRED FOR PLUMBING WORK IS ALSO INCLUDED AS PART OF THIS CONTRACT AND SHALL BE INCLUDED IN CONTRACTOR'S BID.

12. ALL SYSTEMS AND COMPONENTS SHALL BE APPROVED FOR THE PURPOSE FOR WHICH INSTALLED. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND FROM ESTABLISHED AMERICAN SUPPLIERS UNLESS OTHERWISE INDICATED.

13. ALL EQUIPMENT PARAMETERS SHOWN ARE FOR PERFORMANCE AT SITE ALTITUDE. SUPPLIERS SHALL SELECT AND DEMONSTRATE THAT THEIR EQUIPMENT MEETS THE DESIGN CONDITIONS AT SITE ALTITUDE.

14. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL/ PLUMBING CONTRACTOR THE MECHANICAL/ PLUMBING EQUIPMENT'S ELECTRICAL REQUIREMENTS, INCLUDING POWER, CONTROL, COMMUNICATION, AND MONITORING, OF EACH DEVICE PROVIDED AND/OR INSTALLED BY MECHANICAL/PLUMBING CONTRACTOR.

15. SUPPORT SYSTEM FOR EQUIPMENT SUPPORTED BY THE BUILDING STRUCTURE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER VIA ARCHITECT FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. NO WIRE OR PERFORATED STRAP WILL BE PERMITTED FOR ANY HANGER OR SUPPORT.

16. THE CONTRACTOR SHALL NOT SCALE THE CONTRACT DOCUMENTS. THE CONTRACT DOCUMENTS ARE DIAGRAMMATIC IN NATURE AND DO NOT COMPLETELY DEPICT ALL EXISTING CONDITIONS IN THE AREA.

17. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOOK THROUGH ALL DRAWINGS ASSOCIATED WITH THIS PROJECT. WORK ASSOCIATED WITH THE ELECTRICAL CONTRACTOR'S TRADE MAY BE SHOWN ON OTHER DRAWINGS. ANY ADDITIONAL COSTS RESULTING FROM THE FAILURE TO INCLUDE THESE ITEMS SHOWN ON OTHER DRAWINGS WILL BE INCURRED BY THE CONTRACTOR. SHOULD THE CONTRACTOR ENCOUNTER ANY DISCREPANCIES OR INCONSISTENCIES IN THE CONSTRUCTION DOCUMENTS, THE MORE STRINGENT SHALL GOVERN.

18. CONTRACTOR SHALL FIELD VERIFY CONDITION OF EXISTING EQUIPMENT AND PROVIDE NECESSARY COMPONENTS TO ASSEMBLE AND TO START-UP COMPLETE AND FULLY OPERATIONAL SYSTEMS.

19. POSITIONING OF NEW LAY-IN FIXTURES TAKES PRECEDENCE OVER ARCHITECTURAL REFLECTED CEILING PLAN AND MECHANICAL DIFFUSERS PRIOR TO INSTALLATION OF FIXTURES. CONTRACTOR SHALL COORDINATE ACTUAL LOCATIONS OF LIGHTS WITH AIR DEVICES AND DUCTWORK, CEILING PANELS, JOIST SPACING AND ARCHITECTURAL REFLECTED CEILING PLAN (REF. MECHANICAL PLANS AND ARCHITECTURAL PLANS).

20. PROVIDE OWNER WITH THREE (3) COPIES OF ALL INSTALLATIONS INSTRUCTIONS, PRODUCT DATA SUBMITTAL INFORMATION, WARRANTIES, CONTACT INFORMATION DURING WARRANTY PERIOD AND BALANCING REPORTS IN 3-RING BINDERS AND CD VERSION.

21. FOR OUTDOOR EQUIPMENT ON GRADE AND INDOOR FLOOR MOUNTED EQUIPMENT, THE CONTRACTOR SHALL CONSTRUCT LEVEL 3000 PSI CONCRETE(28 DAY COMPRESSIVE STRENGTH) SLABS WITH FINISHED EDGES, WIRE REINFORCED MINIMUM 6#S W/ 1/4" OR HEAVIER PER ASTM A185, MINIMUM 3 1/2" THICK, AND MINIMUM 6" LARGER ON ALL SIDES THAN THE EQUIPMENT BEING SUPPORTED. THE PAD SHALL BE HAVE 2 COATS OF EPOXY SEALANT TO SEAL THE PAD.

22. CONTRACTOR SHALL MAKE NO PENETRATIONS WHATSOEVER OF WALLS FORMING PART OF A STAIRWELL, AN EXIT PASSAGEWAY, OR OTHER TWO-HOUR RATED WALLS. ALL CONDUITS SHALL RUN PARALLEL TO WALLS.

23. CONTRACTOR SHALL SAW CUT AND PATCH ASPHALT, CONCRETE OR OTHER MATERIAL ENCOUNTERED AS REQUIRED TO INSTALL NEW UNDERGROUND RACEWAY. REFER TO ARCHITECTURAL SPECIFICATIONS REGARDING PATCHING REQUIREMENTS.

24. CONTRACTOR SHALL PROVIDE AND INSTALL IDENTIFICATION TAGS FOR EQUIPMENT AND CONDUITS PER ASME 13.1 SCHEME OF IDENTIFICATION FOR PIPING. BURIED ELECTRICAL CONDUITS SHALL BE MARKED PER CODE REQUIREMENTS WITH UNDERGROUND WARNING TAPE 3" BELOW FINISHED GRADE. TAPE SHALL BE 4" WIDE COLORED RED WITH SUITABLE WARNING LEGEND PER ASME A13.1 SCHEME OF IDENTIFICATION FOR PIPING.

25. CONTRACTOR SHALL TAKE PRECAUTIONS PER THE ARCHITECT'S INSTRUCTIONS TO PROTECT EXISTING TREES AND FOR OTHER SITE VEGETATION.

26. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALTERNATES AND ALLOWANCES FOR THIS PROJECT.

27. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND HAVE INSTALLED ANY ACCESS DOOR REQUIRED TO ACCESS NEW AND EXISTING ELECTRICAL EQUIPMENT THAT REQUIRES ACCESS BEHIND OYBOARD OR HARD CEILING AND IN WALLS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE GENERAL CONTRACTOR WITH THESE ACCESS DOORS FOR INSTALLATION IN THE CEILING OR WALL. ACCESS DOORS SHALL BE RATED FOR THE WALL, FLOOR, OR CEILING TYPE AND [SHALL BE A MINIMUM SIZE OF 12"x12"] [OR SIZED PER SPECIFICATIONS.]

28. ALL ELECTRICAL CONDUIT AND BOX OPENINGS SHALL BE CAPPED DURING DEMOLITION AND CONSTRUCTION.

29. SITE VISIT REPORTS: DURING THE COURSE OF THE JOB, THE ENGINEER WILL MAKE SITE AND INSPECTION VISITS TO OBSERVE WORK IN PROGRESS AND WILL SUBSEQUENTLY PREPARE A WRITTEN SITE VISIT REPORT, WHICH WILL BE SENT TO THE CONTRACTOR AND TO WHOMEVER ELSE THE ENGINEER DESIRES. THE CONTRACTOR SHALL PROVIDE 48 HOUR WRITTEN NOTICE TO THE ENGINEER FOR ALL TESTING AND CITY INSPECTION SO THEY CAN ATTEND THESE INSPECTIONS. THE CONTRACTOR SHALL PREPARE A WRITTEN AND TYPED RESPONSE WITHIN SEVEN (7) CALENDAR DAYS OF HIS RECEIVING THE SITE VISIT REPORT. THE CONTRACTORS SHALL ACCOMPANY THE ENGINEER DURING THIS FINAL PUNCHLIST VISIT UPON THE REQUEST OF THE ENGINEER. THE GENERAL CONTRACTOR SHALL INCLUDE IN HIS RESPONSE THE FOLLOWING INFORMATION:
1. DATE OF SITE VISIT BY THE ENGINEER.
2. DATE OF RECEIPT OF THE SITE VISIT REPORT.
3. NAME AND TITLE OF THE PREPARER OF THE RESPONSE.
4. AN ITEM NUMBER REFERENCED TO THE SITE REPORT.
5. A BRIEF THREE OR FOUR WORD DESCRIPTION OF THE ITEM.
6. THE CONTRACTOR OR SUBCONTRACTOR AFFECTED.
7. THE PROPOSED COURSE OF ACTION.
8. AN EXPECTED TIME OF COMPLETION OF THE ACTION.

30. FINAL PUNCH REPORTS: AT THE COMPLETION OF THE JOB, THE ENGINEER WILL MAKE PUNCHLIST SITE VISITS TO OBSERVE COMPLETED WORK AND WILL SUBSEQUENTLY PREPARE A WRITTEN SITE VISIT PUNCHLIST REPORT, WHICH WILL BE SENT TO THE CONTRACTOR AND TO WHOMEVER ELSE THE ENGINEER DESIRES. THE CONTRACTOR, UPON COMPLETION OF THE LISTED PUNCHLIST ITEMS, SHALL PREPARE A TYPED WRITTEN RESPONSE TO THE LIST INDICATING COMPLETION OF EACH ITEM. THE CONTRACTOR SHALL INCLUDE IN HIS RESPONSE THE RESOLUTION OF EACH ITEM. THE CONTRACTORS SHALL ACCOMPANY THE ENGINEER DURING THIS FINAL PUNCHLIST VISIT UPON THE REQUEST OF THE ENGINEER.

31. ALL ELECTRICAL CONDUIT AND PANEL OPENINGS SHALL BE CAPPED DURING DEMOLITION AND CONSTRUCTION.

32. SUBSTITUTED PRODUCTS
A. MATERIAL OR EQUIPMENT SPECIFIED BY MANUFACTURER'S NAME IS BEING USED AS A BASIS OF STANDARD. NO SUBSTITUTION IS ALLOWABLE WITHOUT ENGINEER'S WRITTEN APPROVAL TEN (10) DAYS PRIOR TO BID DATE. UNLESS THE MANUFACTURER IS LISTED ON THE DRAWINGS OR IN THE SPECIFICATION AS BEING A PREAPPROVED ALTERNATIVE MANUFACTURER, ANY SUBSTITUTION MUST BE APPROVED WITHOUT SUCH WRITTEN APPROVAL OR PRIOR APPROVAL IS SUBJECT TO UNQUALIFIED REJECTION.
B. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT SUBMITTED SUBSTITUTE EQUIPMENT WILL FIT IN SPACE AVAILABLE. THE CONTRACTOR'S SUBMITTAL FOR ACCEPTANCE OF THE SUBSTITUTE SHALL INCLUDE A WRITTEN STATEMENT OF WHETHER OR NOT SUCH ACCEPTANCE WOULD REQUIRE ANY SUBSEQUENT OR ASSOCIATED CHANGES TO THE DRAWINGS OR SPECIFICATIONS. ANY SUCH CHANGES SHALL BE DESCRIBED IN WRITING, BRIEFLY BUT COMPLETE.
C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF ANY SUCH MODIFICATIONS DUE TO SUBSTITUTION OF MATERIALS OR EQUIPMENT FOR THAT WHICH WAS SPECIFIED. HOWEVER, THE COST SHALL BE COMPLETE, THAT IS, IT SHALL INCLUDE THE COST EFFECT OF ANY AND ALL OTHER TRADES.
D. THE ENGINEER MAY REQUEST DETAILED SHOP DRAWING OR PLAN LAYOUTS OF MECHANICAL ROOMS OR SYSTEMS OF THE SUBSTITUTED EQUIPMENT.
E. SHOULD A SUBSTITUTION BE APPROVED BY THE ENGINEER (BASED UPON THE SUBSTITUTION SUBMITTAL REVIEW) AND ACCEPTED, AND SHOULD THE SUBSTITUTE MATERIAL OR EQUIPMENT PROVE DEFECTIVE, NOT MEETING DESIGN PARAMETERS, OR OTHERWISE UNSATISFACTORY FOR THE SERVICE INTENDED WITHIN THE GUARANTEE PERIOD, THIS MATERIAL OR EQUIPMENT SHALL BE REPLACED WITH THE MATERIAL OR EQUIPMENT SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.

33. SUBMITTAL REQUIREMENTS:
A. THE INTENT OF THIS SECTION IS TO GIVE GENERAL SUBMITTAL INFORMATION, REFER TO SPECIFIC SUBMITTAL INFORMATION IN THE SUBSEQUENT ELECTRICAL SECTIONS.
B. WITHIN 10 DAYS AFTER AWARD OF THE CONTRACT, AND BEFORE ORDERS ARE PLACED, CONTRACTOR SHALL SUBMIT SPECIFIC INFORMATION ON LIST OF EQUIPMENT AND PRINCIPAL MATERIALS SPECIFIED. CONTRACTOR SHALL INDICATE AND/OR PROVIDE NAMES OF MANUFACTURERS, CATALOG AND MODEL NUMBERS, CUT SHEETS, AND SUCH OTHER SUPPLEMENTARY INFORMATION AS NECESSARY FOR EVALUATION. MINIMUM OF SIX (6) COPIES, OR AS DIRECTED BY THE ENGINEER, OF EACH SHALL BE SUBMITTED AND SHALL INCLUDE ALL ITEMS MENTIONED BY MODEL NUMBER AND/OR MANUFACTURER'S NAME IN THE SPECIFICATIONS OR IN SCHEDULES ON THE DRAWINGS.
C. REQUIREMENTS FOR EACH SUBMITTAL:
1. BEAR A DATED STAMP OR SPECIFIC WRITTEN INDICATION THAT THE CONTRACTOR HAS REVIEWED AND APPROVED ALL SUBMITTAL PRIOR TO SUBMISSION TO ENGINEER.
2. HAVE ALL INFORMATION DELETED BY CONTRACTOR THAT PERTAINS TO THE MEANS AND METHODS OF CONSTRUCTION OR TO FABRICATION, ASSEMBLY, INSTALLATION, OR ERECTION (APPROVAL BY ENGINEER SHALL NOT EXTEND TO THESE AREAS UNLESS SPECIFICALLY NOTED BY ENGINEER).
3. BE CLEARLY AND SPECIFICALLY MARKED AS TO WHICH SPECIFIC PIECE OF EQUIPMENT IS BEING SUBMITTED, BY USE OF A PERMANENT MARKER, STAMP, ETC., SO AS TO DISTINGUISH IT FROM OTHER PIECES OF EQUIPMENT THAT MAY OCCUR ON THE SAME PAGE.
4. BE CLEARLY AND SPECIFICALLY MARKED AS TO WHICH AVAILABLE OPTIONS ARE BEING SUBMITTED THAT ARE ASSOCIATED WITH A PIECE OF EQUIPMENT, AND BE COMPLETE WITH RESPECT TO QUANTITIES, DIMENSIONS, SPECIFIC PERFORMANCE, MATERIALS, AND SIMILAR DATA TO ENABLE THE ENGINEER TO REVIEW THE PROPOSED EQUIPMENT.
5. BE COMPLETE WITH RESPECT TO QUANTITIES, DIMENSIONS, SPECIFIC PERFORMANCE, MATERIALS, AND SIMILAR DATA TO ENABLE THE ENGINEER TO REVIEW THE PROPOSED EQUIPMENT.
6. BE CLEARLY AND SPECIFICALLY MARKED AS TO ANY AND ALL SUBMITTAL DEVIATIONS FROM THE DESIGN SPECIFICATION REQUIREMENTS SHALL BE PROVIDED IN WRITTEN FORM.
7. OMISSION BY CONTRACTOR OF ANY OF THE ABOVE REQUIREMENTS OR SUBMITTALS WILL SUBJECT SUBMITTAL TO AUTOMATIC REJECTION WITHOUT REVIEW.
8. ANY SUBMITTALS RECEIVED BY ENGINEER THAT WERE NOT REQUESTED SHALL BE RETURNED WITHOUT REVIEW OF ANY KIND. SUBMITTALS SHALL INDICATE MINIMUM ACCESS AND SERVICE CLEARANCES IF REQUIRED BY THE SUBMITTED EQUIPMENT.

D. INSTALLATION INSTRUCTIONS - FOR CERTAIN PRODUCTS OR SYSTEMS AS IDENTIFIED IN SUBSEQUENT SPECIFICATIONS SECTIONS OR ON THE DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE COPIES OF MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THE SUBMITTAL, WHEN REQUIRED AS SUCH, THE INSTALLATION INSTRUCTIONS ARE A FIRST CLASS WORKMANLIKE PART OF THE SUBMITTAL AND THEIR OMISSION MAY RESULT IN AUTOMATIC REJECTION OF THE SUBMITTAL, WHERE MORE THAN ONE IDENTICAL DEVICE ARE SCHEDULED, ONLY ONE SET OF INSTALLATION INSTRUCTIONS NEEDS TO BE SUBMITTED, E.G. IF SEVEN 200A 200V/3P PANELS ARE SCHEDULED, ONLY ONE 200A 200V/3P PANELS INSTALLATION INSTRUCTION NEEDS TO BE SUBMITTED. SIMILARLY, IF ONE SET OF INSTALLATION INSTRUCTIONS IS IDENTIFIED BY THE MANUFACTURER AND ON THE INSTRUCTIONS TO BE APPLICABLE TO MORE THAN ONE TYPE OR SIZE OF DEVICES, E.G. IF ONE SET OF INSTRUCTIONS IS GOOOD FOR 100A, 125A AND 150A, THEN ONLY ONE INSTRUCTION SET IS REQUIRED FOR THESE DEVICES.
E. THIS ENGINEER WILL REVIEW THE SUBMITTALS FOR APPROVAL. TWICE. ANY ADDITIONAL REVIEWS THAT ARE REQUIRED BY THE ENGINEER FOR WHATEVER REASON AFTER THE INITIAL TWO REVIEWS WILL RESULT IN ADDITIONAL COMPENSATION FOR THE ENGINEER'S TIME BY THE SUBMITTING CONTRACTOR AT THE ENGINEER'S RATE.

34. REQUIRED SHOP DRAWING SUBMITTALS:
A. LIGHTING FIXTURES (AS NOTED IN LIGHTING FIXTURE SCHEDULE)
B. MAIN DISTRIBUTION PANEL INCLUDING CIRCUIT BREAKERS
C. PANELBOARDS INCLUDING CIRCUIT BREAKERS
D. RECEPTACLES AND COVER PLATES
E. DISCONNECTS INCLUDING FUSES OR MAGNETIC STARTERS
F. GROUNDING
G. WIRING
H. CONDUIT
I. FIRE ALARM SYSTEM
J. ACCESS CONTROL AND SECURITY SYSTEM COMPONENTS
K. DATA CABLING, TELEPHONE WIRING, AUDIO-VISUAL CABLING
L. JUNCTION BOXES AND ENCLOSURES

ELECTRICAL
35. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ADJACENT SURFACES.

36. PROVIDE BLANK METAL COVERPLATES OVER ALL UNUSED OUTLET BOXES. PAINT COVERPLATE TO MATCH ADJACENT SURFACES.

37. RECEPTACLE AND DATA OUTLET MOUNTING HEIGHTS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADES FOR EXACT HEIGHT REQUIRED. THIS REQUIREMENT ALSO APPLIES TO SWITCHES, TELEPHONE OUTLETS, DATA OUTLETS, HVAC SENSORS, ETC.. ANY DEVICE THAT HAS TO BE RELOCATED TO CONTRACTOR'S FAILURE TO COORDINATE LOCATION WITH COUNTERTOPS, CHALKBOARDS, TACKBOARDS, ETC. WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

38. ALL RECEPTACLES TO BE 20A SPECIFICATION GRADE, W/ORY. WALL PLATES TO MATCH. ISOLATED GROUND DUPLEX RECEPTACLES (IG) WILL BE ORANGE BODY AND FACE PLATE. EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF GFCI AND SHALL HAVE WHILE IN USE METAL WEATHERPROOF COVERS.

39. COORDINATE WORK WITH ALL OTHER TRADES GIVING SPECIAL CONSIDERATION TO WORK DONE ABOVE CEILING, OUTLET LOCATIONS AT MILLWORK, AND SWITCH LOCATIONS IN REGARDS TO DOOR SWINGS.

40. WIRING SHALL BE THHN COPPER WITH MINIMUM SIZE OF #12, IN MINIMUM 3/4" (EMT) CONDUIT WITH CU, EGC., UNLESS NOTED OTHERWISE.

41. INSTALL WALL MOUNTED LIGHT FIXTURES, SWITCHES, OUTLETS, AND COMMUNICATION DEVICES IN STRICT COORDINATION WITH ARCHITECTURAL DETAILS, SECTIONS AND ELEVATIONS, AND ADA REQUIREMENTS.

42. FIRESTOPPING OF PENETRATIONS IN FIRE-RATED WALLS, FLOORS, ETC. SHALL BE DONE BY A FIRESTOPPING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL MAKE REQUIRED PENETRATIONS IN RATED WALL, FLOORS, ETC. NEATLY AND WITH A CUTTING TOOL. THE CONTRACTOR SHALL MAKE THE PENETRATIONS NO LARGER THAN NECESSARY, AND THE CONTRACTOR SHALL COORDINATE ALL SUCH PENETRATIONS WITH THE FIRESTOPPING CONTRACTOR BEFORE SUCH PENETRATIONS ARE MADE.

43. REFER TO SPECIFICATIONS FOR ALL COMMUNICATION SYSTEM REQUIREMENTS. (IN LIEU OF SPECS: PROVIDE 3/4" C. W/ PULLCORD FROM COMMUNICATION OUTLETS TO 6" ABOVE LAY-IN CEILING.)

44. SUPPORT ALL FIXTURES FROM STRUCTURE ABOVE CEILING TILES OR PLASTER. CEILING SHALL NOT SUPPORT FIXTURES.

45. FINISHED FLOOR ELEVATIONS FOR OUTLETS AND OTHER DEVICES ARE TO CENTER OF BOX. WHERE MILLWORK IS PRESENT, BOTTOM OF BOX SHALL BE MINIMUM OF 2" ABOVE BACK-SPLASH, REGARDLESS OF DIMENSION SHOWN ON DRAWINGS.

46. DOUBLE SET SCREW FITTINGS ARE ACCEPTABLE FOR STEEL CONDUIT AND COUPLINGS ONLY.

47. BEFORE INSTALLATION, EQUIPMENT AND DEVICES INCLUDING, BUT NOT LIMITED TO, ANY DEVICE WITH ELECTRICAL CONNECTIONS, DUCTWORK, INSULATION, PIPING, VALVES, AIR DEVICES, ETC., SHALL NOT BE STORED DIRECTLY ON GRADE OR ON A SLAB OR FLOOR. BEFORE AND AFTER INSTALLATION, SUCH EQUIPMENT AND DEVICES SHALL BE PROTECTED FROM ENTRY OF DIRT, TRASH, WATER (EXCEPT AS REQUIRED), VERMIN, ETC.

48. DEVICES THAT MIGHT CAUSE OR OPERATE WITH VIBRATION OR NOISE SHALL BE ISOLATED PER MANUFACTURER'S RECOMMENDATIONS AND/OR PER SPECIFICATIONS.

49. SWITCHBOARDS, PANEL BOARDS AND TRANSFORMERS SHALL BE CUTLER-HAMMER, SQUARE-D, OR SIMILAR APPROVED BY THE ENGINEER.

50. USE THE FOLLOWING WIRING COLOR CODE:
A. FOR WIRE SIZES 14 AWG AND SMALLER, INSTALL WIRE COLORS IN ACCORDANCE WITH THE FOLLOWING:
1. BLACK AND RED FOR SINGLE PHASE CIRCUITS AT 120/240 VOLTS.
2. BLACK, RED, AND BLUE FOR CIRCUITS AT 120/208 VOLTS SINGLE OR THREE PHASE.
3. ORANGE, BROWN, AND YELLOW FOR CIRCUITS AT 277/480 VOLTS SINGLE OR THREE PHASE.
B. FOR WIRE SIZES 8 AWG AND LARGER, IDENTIFY WIRE WITH COLORED TAPE AT TERMINALS, SPLICES AND BOXES. COLORS ARE AS FOLLOWS:
1. BLACK AND RED FOR SINGLE PHASE CIRCUITS AT 120/240 VOLTS.
2. BLACK, RED, AND BLUE FOR CIRCUITS AT 120/208 VOLTS SINGLE OR THREE PHASE.
3. BROWN, ORANGE, AND YELLOW FOR CIRCUITS AT 277/480 VOLTS SINGLE OR THREE PHASE.
C. NEUTRAL CONDUCTORS: WHITE FOR 208/120V CIRCUITS, GREY FOR 480/277V CIRCUITS.
D. BRANCH CIRCUITS INCLUDING JUNCTION BOXES: INSTALL THREE OR FOUR WIRE HOMERUNS WITH EACH PHASE UNIQUELY COLOR CODED.
E. FEEDER CIRCUIT CONDUCTORS: UNIQUELY COLOR CODE EACH PHASE.
F. GROUND CONDUCTORS:
1. FOR 8 AWG AND SMALLER: GREEN.
2. FOR 4 AWG AND LARGER: IDENTIFY WITH GREEN TAPE AT BOTH ENDS AND VISIBLE POINTS INCLUDING JUNCTION BOXES.

51. EACH 120 VOLT BRANCH CIRCUIT SHALL BE PROVIDED WITH A SEPARATE NEUTRAL, ONE FOR EACH PHASE WIRE. CIRCUIT BREAKER HANDLE TIES MAY BE USED INSTEAD OF SEPARATE NEUTRALS, COMPLY WITH ALL CODES.

52. PROVIDE ARC-FLASH LABELING ON ALL ELECTRICAL PANELS, BOTH NEW AND EXISTING. ALL LABELING SHALL BE DONE USING ANNEX H OF NFPA 70E, OR BY CALCULATIONS.

53. ALL STEP-DOWN TRANSFORMERS SHALL COMPLY WITH THE U.S. DOE 2016 LEGISLATION FOR ENERGY EFFICIENCY.

54. PROVIDE AN UN-SWITCHED PHASE WIRE FROM THE LINE SIDE OF THE ROOM'S LIGHT SWITCH TO THE EMERGENCY FIXTURE IN THAT ROOM.

55. MC CABLE MAY BE USED FOR BRANCH CIRCUITS WHERE ALLOWED BY CODE.

56. THE FIRE ALARM SYSTEMS SHOWN ON THESE PLANS ARE FOR COORDINATION AND BIDDING ONLY. THE INFORMATION SHOWN DOES NOT NECESSARILY REPRESENT THE REQUIRED FINAL ALARM SYSTEM LAYOUT REQUIREMENTS. THE FINAL ALARM SYSTEM LAYOUT IS TO BE SUBMITTED FOR PERMIT PURPOSES. AT A LATER DATE BY LICENSED ALARM SYSTEM INSTALLER, THE ALARM SYSTEM LAYOUT SHOWN IS TO BE VERIFIED WITH THE LICENSED INSTALLER PRIOR TO INSTALLATION OF CONDUIT AND DEVICE BOXES. THE FINAL LOCATION OF ALL DETECTORS (EXISTING AND NEW), AUDIO AND VISUAL ALARMS, AND ANY OTHER ALARM EQUIPMENT IS THE RESPONSIBILITY OF THE LICENSED ALARM SYSTEM INSTALLER. EQUIPMENT SPECIFICATION - TYPE, SIZE, RATING, AND ANY OTHER REQUIRED INFORMATION FOR THE REVIEW OF THE ALARM PLANS FOR PERMIT PURPOSES, IS TO BE SUPPLIED BY THE LICENSED ALARM INSTALLER ON THE FINAL ALARM SYSTEMS PLANS.

57. WHEN A FIRE SPRINKLER SYSTEM IS INSTALLED THE ASSOCIATED BACKFLOW PREVENTER HOT BOX SHALL HAVE A 20A 120V/1P POWER SUPPLY PROVIDED TO THE HOT BOX FOR CONNECTION TO THE HEATER.

SYMBOL LEGEND
SYMBOL DESCRIPTION
E OR EX US EXISTING UNSWITCH LEG
() ROUND RECESSED DOWNLIGHT TYPE AS INDICATED IN FIXTURE SCHEDULE.
(DS) DOOR SENSOR
(P) PHOTOCELL
(J) JUNCTION BOX
X-X BRANCH CIRCUIT IN WALLS OR CEILING.
NOTE: SOME SYMBOLS SHOWN MAY NOT BE USED ON THIS PROJECT.



Section 1: Project Information

Energy Code: 2009 IECC
Project: Title: NORTH VESTIBULE RENOVATION
Project: Type: Alteration
Construction Site: UNION COUNTY GENERAL HOSPITAL, 300 WILSON ST, CLAYTON, NM 88415
Owner/Agent: MELVIN GLASS, EMC ENGINEERS, 2211 E MISSOURI, STE 312, EL PASO, TX 79903
Designer/Contractor:

Section 2: Interior Lighting and Power Calculation

Table with 4 columns: Area Category, Floor Area (ft2), Allowed Watts / ft2, Allowed Watts (E x C). Row: VESTIBULE (Hospital) with values 110, 1.2, 132, Total Allowed Watts = 132.

Section 3: Interior Lighting Fixture Schedule

Table with 5 columns: Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast, Lamps/ Fixture, # of Fixtures, E (Watt), D (C X D). Row: VESTIBULE (Hospital 1'0 sq ft.) with values LED 1 : A: DOWN LIGHT, LED PAR 15W, 1, 3, 15, 45, Total Proposed Watts = 45.

Section 4: Requirements Checklist

Interior Lighting PASSES
Lighting Wattage:
1. Total proposed watts must be less than or equal to total allowed watts.
Allowed Watts Proposed Watts Complies
132 45 Passes

- Controls, Switching, and Wiring:
2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.
3. Daylight zones have individual lighting controls independent from that of the general area lighting.
Exceptions:
- Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
- Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.
4. Independent controls for each space (switch/occupancy sensor).
Exceptions:
- Areas designated as security or emergency areas that must be continuously illuminated.
- Lighting in stairways or corridors that are elements of the means of egress.

- 5. Master switch at entry to hotel/motel guest room.
6. Individual dwelling units separately metered.
7. Medical task lighting or ar/history display lighting claimed to be exempt from connecting lighting has a control device independent of the control of the nonexempt lighting.
8. Each space required to have a manual control also allows for reducing the controlled lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

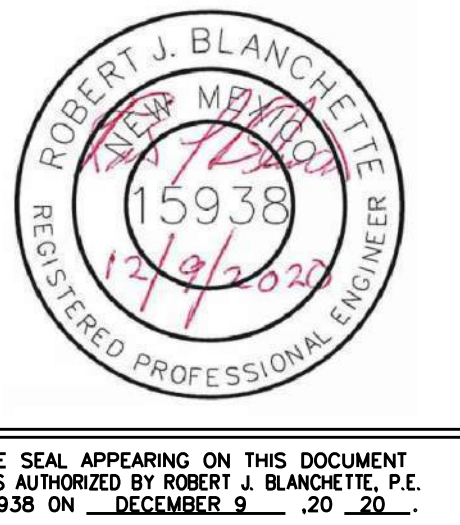
- Exceptions:
- Only one luminaire in space.
- An occupant-sensing device controls the area.
- The area is a corridor, store room, restroom, public lobby or sleeping unit.
- Areas that use less than 0.6 Watts/sq.ft.
9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

- Exceptions:
- Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.
10. Photocell/astronomical time switch on exterior lights.
Exceptions:
- Lighting intended for 24 hour use.
11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).
Exceptions:
- Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting alteration project represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting alteration project has been designed to meet the 2009 IECC, Chapter 8, requirements in COMcheck Version 4.1.1.0 and to comply with the mandatory requirements in the Requirements Checklist.

Bob Blanchette PE 12/8/2020
Name - Title Signature Date

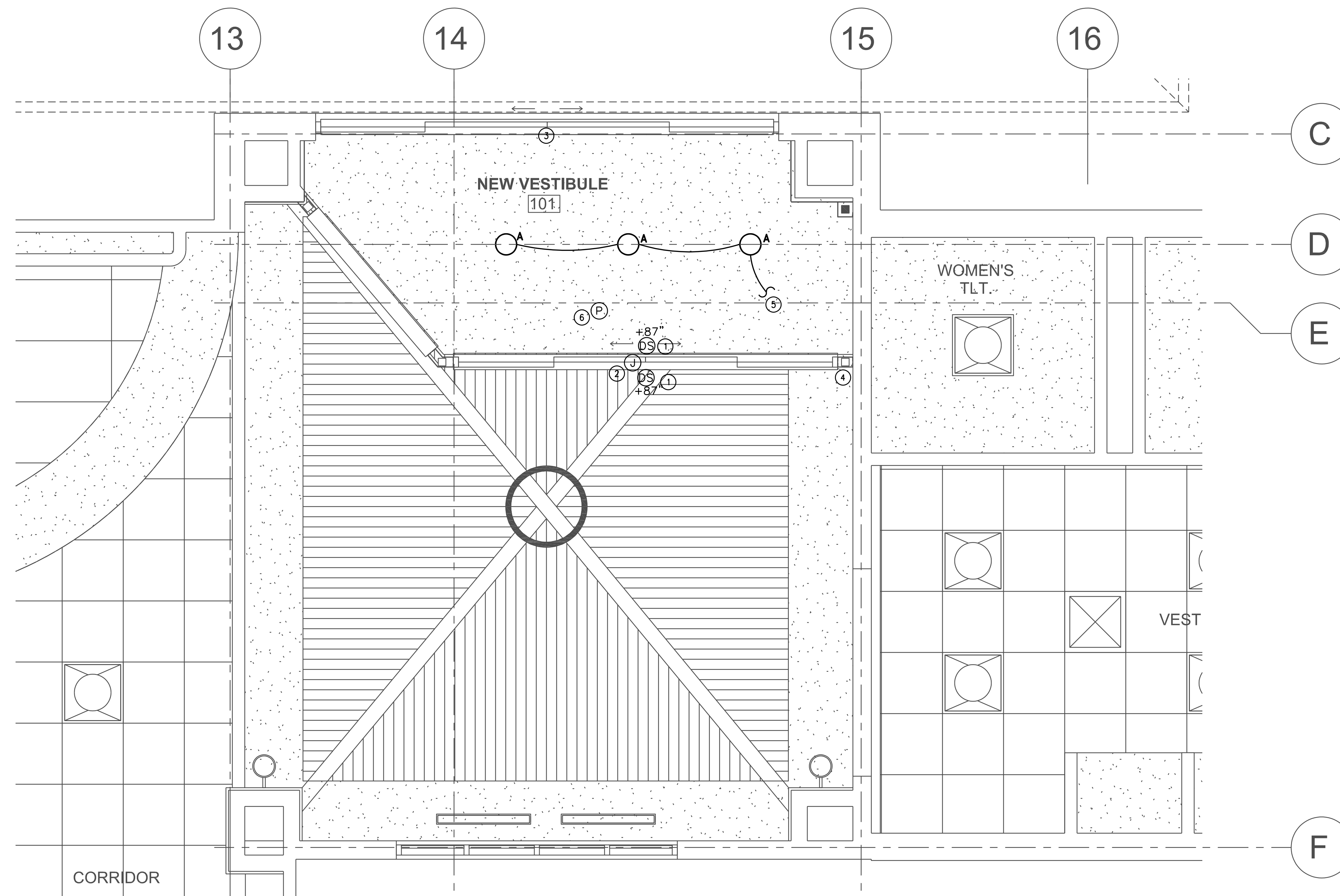


Vertical sidebar containing project information: Project: NORTH VESTIBULE RENOVATION, UNION COUNTY GENERAL HOSPITAL, 300 WILSON STREET CLAYTON, NEW MEXICO 88415. Job Number: EMC-2008019.2, Date: 11/20/2020, Scale: AS SHOWN, Sheet: F-100. Includes a vertical revision table and a scale indicator.

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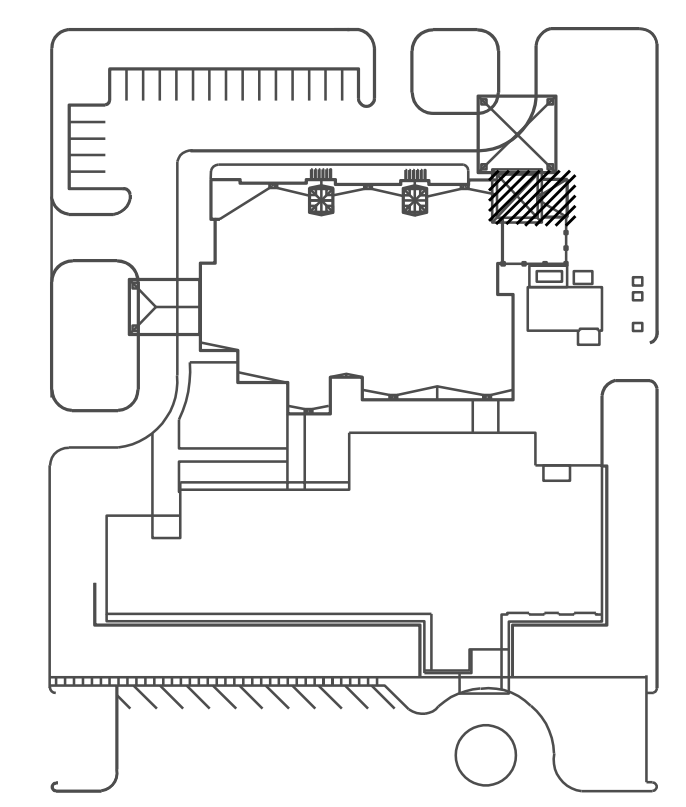


ELECTRICAL KEYED NOTES:

- 1 PROVIDE WIRING AND MOUNTING MEANS AS SPECIFIED BY DOOR SENSOR INSTRUCTIONS.
- 2 PROVIDE J-BOX AND CIRCUIT FOR NEW DOOR. CONNECT TO CIRCUIT LS-9 POWERING EXISTING DOOR.
- 3 EXISTING J-BOX AND CIRCUIT FOR EXISTING DOOR.
- 4 IF NECESSARY RELOCATE EXISTING RECEPTACLE TO SOUTH TO ACCOMMODATE NEW WALL.
- 5 POWER FROM CIRCUIT LS-3 TO THE LIGHT IN CENTER OF LOBBY. VESTIBULE LIGHTS TO OPERATE ON SAME SWITCH AS LOBBY.
- 6 PHOTOCELL FOR DAYLIGHT HARVESTING.

1 ELECTRICAL LIGHTING PLAN
 SCALE 1/2" = 1'-0"
 2 1 0 2 4

LIGHTING FIXTURE SCHEDULE						
GENERAL LIGHTING						
SYMBOL	MANUFACTURER NAME AND NUMBER	LAMPS	VOLTAGE	MOUNTING	DESCRIPTION	NOTES
A	COOPETR HALO SMD6R12940WHE	LED 1250 LUMEN	UNV	SURFACE	6" ROUND SURFACE MOUNT	
DAYLIGHTING CONTROL						
SYMBOL	MANUFACTURER NAME AND NUMBER	LAMPS	VOLTAGE	MOUNTING	DESCRIPTION	NOTES
P	GREENGATE DLC-PD-DIM		UNV	SURFACE	PHOTODIODE FOR DAYLIGHT HARVESTING	
NOTES						
1. LIGHT FIXTURES SHALL BE AS SPECIFIED AND NO SUBSTITUTIONS WILL BE ALLOWED UNLESS PRIOR APPROVED PER SPECIFICATIONS.						
2. REFER TO PLAN FOR TYPES AND QUANTITIES USED. ALL TYPES LISTED ABOVE DO NOT NECESSARILY APPEAR ON PLAN.						
3. UPON COMPLETION OF THE PROJECT THE CONTRACTOR IS TO PROVIDE LABOR TO ADJUST THE COMPLETE INTERIOR LIGHTING PER THE DIRECTION OF THE USER.						
4. ARCHITECT AND THIS OFFICE. THIS ADJUSTMENT IS NECESSARY TO FINALIZE THE LIGHTING SYSTEM						
5. "MVOLT" DENOTES BALLAST AS MULTI-TAP FOR 120V, 208V, 240V AND 277V.						
6. "CBA" INDICATES COLOR BY ARCHITECT. "FBA" INDICATES FINISH BY ARCHITECT.						



KEY PLAN
 SCALE: NONE

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 Job Number: EMC-2008019.2
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 Scale: AS SHOWN
 Sheet: E-200
 1 of 2

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