



**Bid Documents for the**  
**BURNET COUNTY JAIL VISITATION**  
**RENOVATIONS**

**Burnet County, Texas**

**Bid # 25-5120-02**

**PRE-BID MEETING: MAY 29, 10:00 AM**

**DEADLINE FOR QUESTIONS: JUNE 3, 12:00 PM**

**DUE DATE/TIME: JUNE 18, 2025, 2:00 PM**

**BURNET COUNTY BID NO. 25-5120-02 BURNET COUNTY JAIL VISITATION RENOVATIONS**

The undersigned affirms that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder, and that the contents of this bid as to price, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid. The undersigned further affirms and acknowledges it has received and read all of the bid documents, addenda, and is duly authorized to execute the Contract Documents. The bid documents are composed of the following:

- Acknowledgement Form
- Invitation for Bids
- Instructions to Bidders
- Forms
- Agreement
- Performance Bond (Sample)
- Payment Bond (Sample)
- Certificate of Insurance (Sample)
- General Conditions
- Supplemental General Conditions
- Wage Rates & Payroll Reporting
- Technical Specifications
- Addenda (if applicable)

Documents are to be submitted as outlined in this bid. The remaining documents are for the information of the bidder and will form the Contract Documents between the successful bidder and the OWNER.

\_\_\_\_\_  
LEGAL NAME OF CONTRACTING COMPANY

\_\_\_\_\_  
CONTACT NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
MAILING ADDRESS

\_\_\_\_\_  
E-MAIL ADDRESS

\_\_\_\_\_  
CITY

\_\_\_\_\_  
STATE

\_\_\_\_\_  
ZIP CODE

\_\_\_\_\_  
PHONE NUMBER

\_\_\_\_\_  
FAX NUMBER

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINT SIGNATURE

**THIS FORM MUST BE SIGNED AND RETURNED WITH YOUR BID**

Following is a summary of information for this Invitation to Bid (ITB). Bidder is cautioned to refer to other sections of the Bid Documents for further details.

The County of Burnet, hereafter called OWNER, is requesting sealed written Bids for furnishing all labor, materials, equipment, supervision and performing all Work required for the following Project:

BID No. **25-5120-02**

BID Name: **BURNET COUNTY JAIL VISITATION RENOVATIONS**

Location: 900 County Lane, Burnet, Texas 78611.

**SCOPE OF WORK:** Burnet County is seeking bids for the addition of Attorney/Inmate Visitation Rooms within the existing Burnet County Jail located at 900 County Lane, Burnet, Texas 78611 in accordance with the Bid Conditions, Specifications and/or Special Provisions attached hereto. **RISK:** The work under this contract in every respect shall be at the risk of the Contractor until finished and accepted.

**EXECUTION, CORRECTION, AND INTENT OF:** The Contractor acknowledges and declares that it has visited and examined the site and reasonably examined the physical and other conditions affecting the work. In connection therewith, Contractor specifically, will represent to Owner that to its best knowledge and belief it has, by careful examination, satisfied itself as to: (1) the nature, location, and character of the Project and the site, excluding subsurface and latent conditions; (2) the nature, location, and character of the general area in which the Project is located; and (3) the quality and quantity of all materials, supplies, tools, equipment, labor, necessary to complete the Work in the manner and within the cost and time frame required by the Contract Documents. In arriving at the Contract Sum and the Contract Time, Contractor has, as an experienced and prudent manager and contractor, exercised its reasonable judgment and expertise to include the impact of such circumstances upon the Contract Sum and the Contract Time. Claims for additional compensation or time because of the failure of the Contractor to familiarize itself with visible surface conditions, excluding subsurface and latent conditions, at the site will not be allowed. The Contractor will evaluate and satisfy themselves as to the conditions and limitations under which the Work is to be performed, including, without limitation (1) the location, layout and nature of the Project site and surrounding areas, (2) generally prevailing climatic conditions, (3) anticipated labor supply and costs, and (4) availability and cost of materials, tools and equipment. The Owner assumes no responsibility or liability for the physical condition or safety of the Project site or any improvements located on the Project Site other than unforeseen concealed or latent conditions. The Contractor will be solely responsible for providing a safe place for the performance of the Work. Unless otherwise provided by specific provisions under this agreement, contractor operations and activities related and provided for in this agreement will be under the supervision of a representative from the Burnet County Jail who for the purposes of this contract is:

Matt Kimbler

E-mail: [mkimbler@burnetsheriff.com](mailto:mkimbler@burnetsheriff.com)

**REFER TO ATTACHED EXHIBIT A – PROJECT MANUAL AND EXHIBIT B – DRAWINGS**

**GENERAL SPECIFICATIONS**

Bid Documents are available at <https://www.burnetcountytexas.org/page/auditor.bids>.

Sealed Bids will be received at the Burnet County Purchasing Office, 133 E Jackson, Burnet, Texas 78611.

**IMPORTANT DATES:**

<u>EVENT</u>	<u>LOCATION</u>	<u>DATE</u>	<u>TIME</u>
ITB Issue/Release Date	Burnet County Purchasing Office	May 22, 2025	
On-Site Pre-Bid Meeting	Location shown on Page 3.	May 29, 2025	10:00 AM
Deadline for Questions	Submit questions through <a href="mailto:bids@burnetcountytexas.org">bids@burnetcountytexas.org</a>	June 3, 2025	12:00 PM
<b>BID Due/Open Date</b>	Burnet County Purchasing, 133 E Jackson, Burnet, Texas 78611	June 18, 2025	2:00 PM

**ALL BIDS NOT RECEIVED PRIOR TO THE DATE AND TIMES SET FORTH ABOVE WILL NOT BE ACCEPTED FOR CONSIDERATION AND WILL BE RETURNED UNOPENED IN ACCORDANCE WITH STATE LAW.**

Bid, performance, and payment bonds, when required, may be executed on forms furnished by OWNER. A bid bond shall be five percent (5%) of the Contract Amount and Performance and Payment bonds shall be issued in an amount of one hundred percent (100%) of the Contract Amount by a solvent surety company authorized to do business in the State of Texas and shall meet any other requirements established by law or by OWNER pursuant to applicable law.

OWNER reserves the right to reject any or all Bids and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the bidders).

**1. Preparation of Bid**

Bid shall state location, description of the proposed Work, type of contract (either lump sum, unit price or any combination thereof) and time in which the Work is to be completed.

Each bidder shall prepare Bid in ink or typed on forms furnished by OWNER or as otherwise specified. Blank spaces for each item in Bid form shall be filled. Bidder shall submit a price for each item in Bid. In case of conflict between unit prices and extensions, unit prices shall govern. The Bid shall be executed with complete and correct name of individual, partnership, firm, corporation or other legal entity.

First-time bidders are encouraged to attend the Pre-bid Conference, if one is scheduled, to assure their understanding of OWNER’s bidding and contracting requirements. When Pre-bid Conference is mandatory, all bidders are required to attend.

The Owner is a tax-exempt organization as defined by Chapter 11 of the Property Tax Code of Texas. Bid prices shall not include sales tax on materials, supplies, or equipment that are exempt in the performance of the Contract.

Bidder shall be knowledgeable of all Addenda issued and shall acknowledge all Addenda in spaces provided on Bid form. Addenda may be downloaded from <https://www.burnetcountytexas.org/page/auditor.bids>.

Bid shall include all specified items in this section and be submitted in accordance with Item No. 7 below. Any corrections to Bid shall be initialed by person signing Bid before Bid opening.

Bidder shall secure any required services that are defined as professional services under the Professional Services Procurement Act, Chapter 2254 of the Texas Government Code

Persons desiring further information or interpretation of Bid Documents shall make a written request for such information to the purchasing officer no later than the date specified in the Bid Documents. The OWNER reserves the right to respond to inquiries less than five days before bid due date. Interpretation of Bid Documents will be made by Addendum **only** and a copy of each Addendum will be posted to <https://www.burnetcountytexas.org/page/auditor.bids>.

## **2. Estimates of Quantities (Unit Price Contracts Only)**

For Unit priced bids, quantities listed in unit price Bid form are to be considered as approximate and will be used only for comparison of Bids. Payment to CONTRACTOR will be made only for actual quantities of Work performed or materials furnished in accordance with Contract, and it is understood that quantities may be increased or decreased as profiled in General Conditions.

## **3. Bid Documents and Site (s) of Work**

Before submitting a Bid, the bidder shall carefully examine the Bid Documents, site(s) of the proposed Work, soils, and other conditions that may affect the performance of the Work. The bidder shall be satisfied as to character, quality and quantities of Work to be performed and materials to be furnished. Submission of a Bid shall indicate that the bidder has complied with these requirements.

## **4. Bid Guaranty**

All Bids shall be accompanied by a bid guaranty in an amount of not less than five percent (5%) of the total Bid. Bid guaranty shall be made payable to County of Burnet, with Power of Attorney attached, issued by a solvent surety authorized under laws of the State of Texas and acceptable to OWNER.

## **5. Performance and Payment Bonds**

Performance and payment bonds are required if bid exceeds amount shown below, and each shall be issued in an amount equal to the Contract Amount as security for the faithful performance and/or payment of all Contractors' obligations under the Contract Documents. Performance and payment bonds shall be issued by a solvent company authorized to do business in the State of Texas and shall meet any other requirements established by law or by OWNER pursuant to applicable law. The cost of Bond premiums must be included in the bid price.

**A payment bond is required for contracts over \$25,000. A performance bond is required for contracts in excess of \$100,000.**

## **6. Consideration of Bid Amount**

For purpose of award, after Bids are opened and read aloud, the total amount of a lump sum bid, including accepted Bid alternates, will be considered the amount of Bid. If the Bid is a Unit Price Bid, the Bid Amount will be the total of all extended Unit Price lines. OWNER reserves the right to reject any or all Bids, award by line, and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the bidders).

## 7. Submission of Bid

Each Bid, completed and signed by person(s) authorized to bind individual, partnership, firm, corporation or any other legal entity, shall include the following:

- A. One copy of Bid form completed and signed.
- B. Acknowledgment of receipt of Addenda issued in spaces provided in Bid form.
- C. Required bid guaranty.
- D. Forms – completed and signed by authorized representative of bidder.
- E. Copy of Articles of Partnership or Incorporation and resolution, or corporate board minutes empowering signatory to bind bidder, attested by an officer of bidder, if required.
- F. Texas Ethics Commission Certificate of Interested Parties Form 1295 (Electronic Form) [https://www.ethics.state.tx.us/whatsnew/elf\\_info\\_form1295.htm](https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm)
- G. Required information indicated in Bid Documents, if applicable.

H. Bid shall include all specified items in this section and be placed in envelope, sealed and clearly identified on outside as a Bid to OWNER, with bidder's name and address, and project name and number. Failure to submit Bid in properly marked envelope may subject bidder to disqualification. Bid may be mailed or delivered (in person or any business mail carrier of Bidder's choice) to:

Kelley Glaeser, Interim Purchasing Agent  
Burnet County Purchasing Office  
133 E. Jackson  
Burnet, Texas 78611

When sent by mail, Federal Express, UPS, Express Mail, or other delivery service, sealed Bid (marked as indicated above) shall be enclosed in an additional envelope clearly identified on outside as a Bid to OWNER with bidder's name and address, Project name, and Bid date and time. It is the sole responsibility of the Bidder to ensure timely delivery of Bid. The bid is timely delivered when it is actually received at the BURNET COUNTY PURCHASING OFFICE on or before the "DUE DATE" as defined in Invitation for Bids. OWNER will not be responsible for failure of service on the part of the U.S. Post Office, courier services, or any other form of delivery service chosen by the Bidder.

Bids will also be accepted electronically at: [bids@burnetcountytexas.org](mailto:bids@burnetcountytexas.org). If submitting an electronic response, Bidder is not required to submit in hard copy format; however, Bidder is responsible to confirm solicitation has uploaded to the County's BIDNET site. Burnet County will not accept any late electronic responses because submission did not upload before the Deadline for Submission. Proposals may not be delivered via facsimile or email.

## 8. Withdrawal of Bid

A Bid may be withdrawn by a bidder, provided an authorized individual of the bidder submits a written request to withdraw the Bid prior to the time set for opening the Bids.

## 9. Rejection of Bids

A. The following will be cause to reject a Bid:

- (1) Bids which are not signed.
- (2) Bids which are not accompanied by acceptable bid guaranty with Power of Attorney attached when required.
- (3) More than one Bid for same Work from an individual, firm, partnership or corporation.
- (4) Reason for believing collusion exists among bidders.
- (5) Sworn testimony or discovery in pending litigation with OWNER which discloses misconduct or willful refusal by contractor to comply with subject contract or instructions of OWNER.
- (6) Failure to submit post-Bid information within the allotted time(s).
- (7) Failure to have an authorized agent of the bidder attend the mandatory Pre-Bid Conference, if applicable.
- (8) Bids received from a bidder who has been debarred or suspended by OWNER's Purchasing Officer.
- (9) Bids received from a bidder when bidder or principals are currently debarred or suspended by Federal, State or Local governmental agencies. (Applicable for bid amounts equal to or in excess of \$100,000)

B. The following may be cause to reject a Bid:

- (1) Failure to acknowledge receipt of Addenda.
- (2) Unbalanced unit price Bid. Unbalanced Bid means a Bid that is based on prices which are significantly less than cost for some Bid items and significantly more than cost for others.
- (3) Poor performance in execution of work under any previous contract.
- (4) Failure to achieve reasonable progress on existing contracts.
- (5) Default on previous contracts or failure to execute Contract after award.
- (6) Evidence of failure to pay Subcontractors, Suppliers or employees.
- (7) Bids containing omissions, alterations of form, additions, qualifications or conditions not called for by OWNER, or incomplete Bids will be considered in non-compliance and may be rejected. In any case of ambiguity or lack of clarity in the Bid, OWNER reserves right to determine most advantageous Bid or to reject the Bid.
- (8) Bidder owes delinquent property tax in Burnet County.

## 10. Award and Execution of Contract

OWNER will process Bids expeditiously. Pursuant 2269 of the Government Code, Burnet County will consider the following for award: the purchase price; the experience and reputation of the vendor and the vendor's goods or services; the quality of the vendor's goods or services; the extent to which the goods or services meet the Burnet County's needs; the vendor's past relationship with the Burnet County or any governmental entity; the impact on the ability of the governmental entity to comply with rules relating to historically underutilized businesses; the total long-term cost to the governmental entity to acquire the vendor's goods or services; safety record, proposed personnel, and any other relevant factor specifically listed in this Bid/Proposal. Award of Contract will be to the lowest, responsible bidder meeting all requirements of the Bid Documents.

**Award of Contract will occur within the period identified on the Bid form, unless mutually agreed between the parties. Purchasing Agent shall submit recommendation for award to Commissioners Court for those project awards requiring Commissioners Court action.**

**County Judge or his/her designee will sign contract after award and submission of required documentation by bidder. Contract will not be binding upon OWNER until both**

**parties have executed it. OWNER will process the Contract expeditiously. However, OWNER will not be liable for any delays prior to the award or execution of Contract.**

**BID FORM**

<b>A. TOTAL PROPOSAL FOR CONTRACT AMOUNT AS DEFINED IN THIS RFP, AGREEMENT, THE GENERAL CONDITIONS, PLANS AND SPECIFICATIONS</b>		
<b>Item No.</b>	<b>Description</b>	<b>Construction Cost</b>
1	CONSTRUCTION COSTS/COST OF WORK	\$
<b>TOTAL CONSTRUCTION COST/COST OF WORK:</b>		<b>\$</b>
<b>PROPOSED TIME OF COMPLETION (DAYS)</b>		

**BID GUARANTY:** Enclosed with this Bid is a bid guaranty meeting the requirements established, in the amount of not less than five percent (5%) of the total Bid. Following the Bid opening, submitted Bids may not be withdrawn for a period of SIXTY (60) Calendar Days. Award of Contract will occur within this period, unless mutually agreed between the parties. The bid guaranty may become the property of the OWNER, or the OWNER may pursue any other action allowed by law, if: bidder withdraws a submitted Bid within the period stated above; bidder fails to submit the required post bid information within the period specified, or any mutually agreed extension of that period; or bidder fails to execute the Contract and furnish the prescribed documentation (bonds, insurance, etc.) needed to complete execution of the Contract within ten (10) Calendar Days after notice of award, or any mutually agreed extension of that period.

**TIME OF COMPLETION:** The undersigned bidder agrees to commence work within ten (10) Calendar Days after written notice as specified in a written "Notice to Proceed" to be issued by the OWNER and to **finally** complete construction of the improvements, as required by the Bid Documents, Drawings and Addenda for the Work within the allocated Calendar Days after the receipt of materials and the issuance of the written "Notice to Proceed."

**LIQUIDATED DAMAGES:** N/A

OWNER reserves the right to reject any or all Bids and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the bidders). OWNER reserves the right to award by line to lowest responsible bidder if bid price for all lines exceeds budgeted funds.

The undersigned acknowledges receipt of the following addenda:

Addendum No. 1 dated _____	Received _____
Addendum No. 2 dated _____	Received _____
Addendum No. 3 dated _____	Received _____

\_\_\_\_\_  
SECRETARY, \*IF BIDDER IS A CORPORATION

(Seal)

\_\_\_\_\_  
BIDDER NAME

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
TELEPHONE NUMBER / FAX NUMBER

\*Copy of Corporate Resolution and minutes with Certificate of officer of bidder as to authority of signatory be signed and dated no earlier than one week before Bid Date, and attached to this document

**CONFLICT OF INTEREST QUESTIONNAIRE**

**FORM CIQ**

**For vendor or other person doing business with local governmental entity**

This questionnaire reflects changes made to the law by H.B. 1491, 80th Leg., Regular Session. This questionnaire is being filed in accordance with Chapter 176, Local Government Code by a person who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the person meets requirements under Section 176.006(a).  
 By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.  
 A person commits an offense if the person knowingly violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

<b>OFFICE USE ONLY</b>
Date Received

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

**2**  Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

**3** Name of local government officer with whom filer has employment or business relationship.

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

This section (item 3 including subparts A, B, C & D) must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the filer of the questionnaire?

Yes       No

B. Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

Yes       No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of 10 percent or more?

Yes       No

D. Describe each employment or business relationship with the local government officer named in this section.

**4**  
 \_\_\_\_\_  
 Signature of person doing business with the governmental entity

\_\_\_\_\_  
 Date

Adopted 06/29/2007

**CONFLICT OF INTEREST QUESTIONNAIRE**  
**For vendor doing business with local governmental entity**

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

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

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

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

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

\*\*\*

(2) the vendor:

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

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

or

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

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

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

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

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

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

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

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

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

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

(1) the date that the vendor:

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

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

(2) the date the vendor becomes aware:

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

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

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

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## BURNET COUNTY BIDDER AFFIRMATION

***This sheet must be completed, signed, and returned by Bidder***

**NOTE: FAILURE TO SIGN AND RETURN THIS FORM WITH THE BID DOCUMENT MAY RESULT IN THE BID BEING REJECTED OR THE TERMINATION OF ANY RESULTING CONTRACT OR PURCHASE ORDER.**

1. The undersigned agrees this bid becomes the property of Burnet County after the official opening.

The undersigned affirms he has familiarized himself with the local conditions under which the work is to be performed; satisfied himself of the conditions of delivery, handling and storage of equipment and all other matters which may be incidental to the work, before submitting a bid.

The undersigned agrees, if this bid is accepted, to furnish any and all items/services upon which prices are offered, at the price(s) and upon the terms and conditions contained in the Specifications. The period for acceptance of this Bid Proposal will be sixty (60) calendar days unless a different period is noted by the bidder.

2. Bidder affirms that they are duly authorized to execute this Contract, that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other Bidder, and that the contents of this bid as to prices, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or director to any other person engaged in this type of business prior to the official opening of this bid.

3. Bidder hereby assigns to purchaser any and all claims for overcharges associated with this Contract which arise under the antitrust laws of the United States, 15 USCA Section 1 et seq., and which arise under the antitrust laws of the State of Texas, Tex. Bus. & Com. Code, Section 15.01, et seq.

4. Pursuant to §262.076 (a) of the Texas Local Government Code, Bidder, hereby affirms that Bidder:

***(Please check all that are applicable)***

\_\_\_\_\_ Does not own taxable property in Burnet County.

\_\_\_\_\_ Does not owe any ad valorem taxes to Burnet County or is not otherwise indebted to Burnet County.

## BURNET COUNTY BIDDER AFFIRMATION

The undersigned affirms that they have read and do understand the specifications, addendum, bid forms and any attachments contained in this bid package. ***Failure to sign and return this form will result in the rejection of the entire bid.***

\_\_\_\_\_  
BIDDER COMPANY NAME

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY

\_\_\_\_\_  
STATE

\_\_\_\_\_  
ZIP CODE

\_\_\_\_\_  
PHONE

\_\_\_\_\_  
EMAIL

\_\_\_\_\_  
BIDDER SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
BIDDER PRINTED NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
SIGNATURE OF COMPANY OFFICIAL  
AUTHORIZING THE BID (If Applicable)

\_\_\_\_\_  
DATE

\_\_\_\_\_  
COMPANY OFFICIAL PRINTED NAME

\_\_\_\_\_  
TITLE

***Corporate Vendors Shall Furnish the Following Information:***

\_\_\_\_\_  
WHERE INCORPORATED

\_\_\_\_\_  
CHARTER NUMBER

BUSINESS INCLUDED IN A CORPORATE INCOME TAX RETURN? \_\_\_\_\_ YES \_\_\_\_\_ NO

CORPORATION ORGANIZED & EXISTING UNDER THE LAWS OF THE STATE OF \_\_\_\_\_

PARTNERSHIP CONSISTING OF \_\_\_\_\_

INDIVIDUAL TRADING AS \_\_\_\_\_

PRINCIPLE OFFICES ARE IN THE CITY OF \_\_\_\_\_

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## NON-COLLUSION/ANTI-TRUST AFFIDAVIT

The Company has not given, offered to give, nor intends to give at any time hereafter, any economic opportunity, future employment, gift, loan gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted response. Failure to sign this document or signing it with a false statement shall void the submitted offer or any resulting contracts.

Neither the Company or the firm, corporation, partnership, or institution represented by the Company or anyone acting for such firm, corporation, or institution has violated the antitrust laws of this State, codified in Section 15.01, et seq., Texas Business and Commerce Code, or the Federal antitrust laws, nor communicated directly or indirectly the offer made to any competitor or any other person engaged in such line of business. The Company's signature herein assigns to the County any and all claims for overcharges associated with his contract for this project, which arise under the Antitrust Laws of the United States, 15 USCA, Section 1, Et. Seq. (1973). By signing this proposal, Company certifies that if a Texas address is shown as its address, Company qualifies as a Texas Resident Bidder as defined in Rule 1 TAC 111.2.

### RESPECTFULLY SUBMITTED:

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
COMPANY'S CORPORATE CHARTER NO.

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## TAX RECORD AND FAMILY CODE REQUIREMENTS

The Company's signature herein certifies that the firm is not currently delinquent in the payment of any debt owed to the State of Texas; including but not limited to franchise taxes and child support, property tax, and that any payments due the firm under this contract will be applied to that debt.

### **Texas Family Code Compliance Requirement:**

Under Section 231.006, Family Code, the vendor or applicant certifies that the individual or business entity named in this contract, bid, or application is not ineligible to receive the specified grant, loan, or payment and acknowledges that this contract may be terminated, and payment may be withheld if this certification is inaccurate. The response includes the names and Social Security Numbers of each person with a minimum of twenty-five percent (25%) ownership of the business entity submitting the response.

Firm Owner(s), Partners, Sole Proprietors, or Share Holder(s) of twenty-five percent (25%) interest:

\_\_\_\_\_  
NAME

\_\_\_\_\_  
SSN

\_\_\_\_\_  
NAME

\_\_\_\_\_  
SSN

\_\_\_\_\_  
NAME

\_\_\_\_\_  
SSN

\_\_\_\_\_  
NAME

\_\_\_\_\_  
SSN

### **RESPECTFULLY SUBMITTED:**

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
COMPANY'S CORPORATE CHARTER NO.

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## VENDOR REFERENCE INFORMATION SHEET

Please list three (3) references, other than Burnet County, who can verify your performance as a vendor. Performance includes but shall not be limited to, sales and/or service, delivery, invoicing, and other items as may be required for Burnet County to determine your firm's ability to provide the intended goods or services of this bid. The County prefers references to be from customers for whom your firm has provided the same items (sales and/or services) as those specified in this bid. Inaccurate, obsolete or negative responses from the listed references could result in rejection of your bid. County reserves the right to reject bids from bidders without experience similar to that provided in this bid document.

1. \_\_\_\_\_  
 GOVERNMENT ENTITY/COMPANY NAME

\_\_\_\_\_  
 ADDRESS

\_\_\_\_\_  
 PHONE

\_\_\_\_\_  
 CONTACT PERSON

\_\_\_\_\_  
 TITLE

\_\_\_\_\_  
 EMAIL ADDRESS (PRIMARY)

\_\_\_\_\_  
 EMAIL ADDRESS (SECONDARY)

\_\_\_\_\_  
 SCOPE OF WORK

\_\_\_\_\_  
 CONTRACT PERIOD

2. \_\_\_\_\_  
 GOVERNMENT ENTITY/COMPANY NAME

\_\_\_\_\_  
 ADDRESS

\_\_\_\_\_  
 PHONE

\_\_\_\_\_  
 CONTACT PERSON

\_\_\_\_\_  
 TITLE

\_\_\_\_\_  
 EMAIL ADDRESS (PRIMARY)

\_\_\_\_\_  
 EMAIL ADDRESS (SECONDARY)

\_\_\_\_\_  
 SCOPE OF WORK

\_\_\_\_\_  
 CONTRACT PERIOD

3. \_\_\_\_\_  
 GOVERNMENT ENTITY/COMPANY NAME

\_\_\_\_\_  
 ADDRESS

\_\_\_\_\_  
 PHONE

\_\_\_\_\_  
 CONTACT PERSON

\_\_\_\_\_  
 TITLE

\_\_\_\_\_  
 EMAIL ADDRESS (PRIMARY)

\_\_\_\_\_  
 EMAIL ADDRESS (SECONDARY)

\_\_\_\_\_  
 SCOPE OF WORK

\_\_\_\_\_  
 CONTRACT PERIOD

**This Form must be SIGNED and the Original Returned with Bid response**

## CERTIFICATE OF ELIGIBILITY

By submitting a bid or proposal I response to this solicitation, the bidder/proposer certifies that at the time of submission, he/she is not on the Federal Government's list of suspended, ineligible, or debarred contractors.

In the event of placement on the list between the time of bid/proposal submission and time of award, the bidder/ proposer will notify the Burnet County Purchasing Agent. Failure to do may result in terminating this contract for default.

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PRINT NAME

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

### SUBCONTRACTOR LIST

Bidders shall list below all work that will be subcontracted under this contract. Provide the company name of all subcontractors identified by the bid due date in the space provided.

<u>Area to be Subcontracted</u>	<u>Company Name/Address of Sub-Contractor</u>	<u>Dollar Value</u>
		\$
		\$
		\$
		\$
		\$
		\$

## VENDOR COMPLIANCE WITH RECIPROCITY ON NON-RESIDENT BIDDERS

Government Code 2252.002 provides that, in order to be awarded a contract as low bidder, a non-resident bidder must bid projects for construction, improvements, supplies or services in Texas at an amount lower than the lowest Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a non-resident bidder in order to obtain a comparable contract in the state in which the non-resident's principal place of business is located. A non-resident bidder is a contractor whose corporate offices or principal place of business is outside of the state of Texas. This requirement does not apply to a contract involving Federal funds. The appropriate blanks in Section A must be filled out by all out-of-state or non-resident bidders in order for your bid to meet specifications. The failure of out-of-state or non-resident contractors to do so will automatically disqualify that bidder. Resident bidders must check the blank in Section B.

A. Non-resident vendors in \_\_\_\_\_ (give state), our principal place of business, are required to be \_\_\_\_\_ percent lower than resident bidders by state law. A copy of the statute is attached.

Non-resident vendors in \_\_\_\_\_ (give state), our principal place of business, are not required to underbid resident bidders.

B. Our principal place of business or corporate offices are in the State of Texas: \_\_\_\_\_.

**BIDDER:**

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
CITY

\_\_\_\_\_  
STATE

\_\_\_\_\_  
ZIP CODE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
TITLE

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**



## **BURNET COUNTY HISTORICALLY UNDERUTILIZED BUSINESSES (HUB) POLICY**

### **I. POLICY STATEMENT**

The Burnet County Commissioners Court, being the policy development and budgetary control unit of county government, will strive to ensure that all businesses, regardless of size, economic, social or ethnic status have an equal opportunity to participate in the County's procurement processes. The County is committed to promote full and equal business opportunity for all businesses to supply the goods and services needed to support the mission and operations of county government, and seeks to encourage the use of certified historically underutilized businesses (HUBs) through the use of race, ethnic and gender neutral means. It is the policy of Burnet County to involve certified HUBs to the greatest extent feasible in the County's procurement of goods, equipment, services and construction projects while maintaining competition and quality of work standards. The County affirms the good faith efforts of firms who recognize and practice similar business standards.

### **II. DEFINITIONS**

Historically Underutilized Businesses (HUBs), also known as a disadvantaged business enterprise (DBE), are generally business enterprises at least 51% of which is owned, and the management and daily business operations are controlled by one or more persons who is/are socially and economically disadvantaged because of his or her identification as a member of certain groups, including women, Black Americans, Mexican Americans and other Americans of Hispanic origin, Asian Americans and American Indians.

Certified HUBs includes business enterprises that meet the definition of a HUB and who meet the certification requirements of certification agencies recognized by Burnet County.

Businesses include firms, corporations, sole proprietorships, vendors, supplier's contractors, subcontractors, professionals and other similar references when referring to a business that provides goods and/or services regardless of the commodity category.

Statutory bid limit refers to the Texas Local Government Code provisions that require competitive bidding for many items valued at greater than \$50,000.

### III. POLICY GUIDELINES

- A. Burnet County, its contractors, their subcontractors and suppliers, as well as all vendors of goods, equipment and services shall not discriminate on the basis of race, color, creed, gender, age, religion, national origin, citizenship, mental or physical disability, veteran's status or political affiliation in the award and/or performance of contracts. All entities doing business or anticipating doing business with County shall support, encourage and implement affirmative steps toward a common goal of establishing equal opportunity for all citizens and businesses of the County.
- B. Burnet County will use and recognize the State of Texas Historically Underutilized Business certification process in conjunction with the implementation of this policy. The County may recognize other agencies' certification processes recognized by the State of Texas. Burnet County reserves the right to review the certification status of any vendor applying to do business with the County. The review will be accomplished to determine the validity and authenticity of the vendor's certification as a HUB.
- C. The Commissioners Court may establish HUB target goals. Through a systematic approach of soliciting quotes, bids and proposals from certified HUBs and in compliance with applicable state and federal law this policy will strive to meet those goals.
  1. Target goals should consider:
    - a. The availability of HUB firms within the specific category of goods or services to be procured; and
    - b. The diversity of the County's population.
  2. The goals should be reviewed and amended periodically.
  3. The program may apply to all County procurements including construction and professional services.
  4. Particular attention will be given to HUB participation on purchases in excess of the statutory bid limit.
  5. Commissioners Court will use good faith efforts to meet the goals of this policy.

- D. Burnet County will actively seek and encourage HUBs to participate in all facets of the procurement process by:
  - 1. Utilizing the State of Texas Historically Underutilized Business vendor database.
  - 2. Advertising bids on the County's website and in the local newspaper.
  - 3. Providing bid notice to minority Chambers of Commerce within Burnet County, if applicable.
- E. As prescribed by law, the purchase of one or more items costing in excess of the statutory bid limit must comply with the competitive bid process. Where possible, those bids will be structured to include and encourage the participation of HUB firms in the procurement process.
- F. A HUB Policy statement shall be included in all specifications. The County will consider the bidder's responsiveness to the HUB Policy in the evaluation of bids and proposals. Failure to demonstrate a good faith effort to comply with the County's HUB policy may result in a bid or proposal being considered non-responsive to specifications.
- G. The Purchasing Department will actively search the State Comptroller's HUB vendor list in the quotation process for purchases under the statutory bid limit.
- H. Nothing in this policy shall be construed to require the County to award a contract other than to the lowest responsive bidder as required by law. This policy is narrowly tailored in accordance with applicable law.

#### IV. ADMINISTRATIVE GUIDELINES

- A. The Purchasing Office shall serve as the County's HUB Office with responsibility for the implementation, monitoring and general operations of the HUB policy. The Purchasing Director shall serve as the County HUB Officer.
  - 1. The HUB Officer will establish procedures to implement this policy across the full spectrum of the procurement process. The County HUB Office will periodically review with department head and elected officials regarding procurement opportunities.
  - 2. Managing the policy and training buyers and other County personnel in order to meet County goals will be the responsibility of the HUB Office.

3. The HUB Office will cooperate with other local government entities to increase HUB participation throughout the county and region. The HUB Office is encouraged to participate in educational and other outreach programs to assist HUB firms.
  
4. Any complaints and/or recommendations regarding the implementation of this policy will be received and reviewed by the HUB Officer. Further, the HUB Office will audit for compliance to the HUB Policy on eligible projects after award, during the performance of the contract and after completion, while also making any recommendations to Commissioner's Court regarding any irregularities or misrepresentations of facts as they relate to compliance with the policy. The HUB Office will review documentation submitted by HUB firms in compliance with this policy.

**BURNET COUNTY  
FOR DISADVANTAGED BUSINESS ENTERPRISES ONLY**

Disadvantaged Business Enterprises (DBE) are encouraged to participate in Burnet County's bid process. The Purchasing Office will provide additional clarification of specifications, assistance with Bid Proposal Forms, and further explanation of bidding procedures to those DBEs who request it.

Representatives from DBE companies should identify themselves as such and submit a copy of the Certification.

The County recognizes the certifications of the Texas Comptroller of Public Accounts Historically Underutilized Business Program. All companies seeking information concerning DBE certification are urged to contact The Texas Comptroller of Public Accounts at 800-531-5441, extension 3-6958 or 512-463-6958.

If your company is already certified, attach a copy of your certification to this form and return with bid.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
REPRESENTATIVE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY

\_\_\_\_\_  
STATE

\_\_\_\_\_  
ZIP CODE

\_\_\_\_\_  
PHONE

\_\_\_\_\_  
FAX

\_\_\_\_\_  
EMAIL ADDRESS (PRIMARY)

\_\_\_\_\_  
EMAIL ADDRESS (SECONDARY)

Indicate all that apply:

\_\_\_\_\_ Minority-Owned Business Enterprise

\_\_\_\_\_ Women-Owned Business Enterprise

\_\_\_\_\_ Disadvantaged Business Enterprise



## BURNET COUNTY HOUSE BILL 89 VERIFICATION

**NOTE: FAILURE TO SIGN AND RETURN THIS FORM WITH BID RESPONSE MAY RESULT IN YOUR BID BEING REJECTED**

***This verification must be completed, signed, and returned by Bidder unless the business is a sole proprietorship or has less than 10 full time employees. Please sign and date below if you are exempt from this requirement.***

**1. I certify my business is a sole proprietorship or has less than 10 full-time employees.**

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

If #1 is not applicable to your company, please move to #2 below.

**2. I, \_\_\_\_\_ (Name), the undersigned representative of  
(Company Name and Address)**

**(hereafter referred to as Company) being an adult over the age of eighteen (18) years of age, after being duly sworn by the undersigned notary, do hereby depose and verify under oath that the company named-above, under the provisions of Subtitle F, Title 10, Government Code Chapter 2270:**

- 1. Does not boycott Israel currently; and**
- 2. Will not boycott Israel during the term of the contract the above-named Company, business or individual with Burnet County, Texas.**

*Pursuant to Section 2270.001, Texas Government Code:*

- 1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and*
- 2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.*

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

On this, the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared \_\_\_\_\_, the above-named person, who after by me being duly sworn, did swear and confirm that the above is true and correct.

NOTARY SEAL

\_\_\_\_\_  
NOTARY SIGNATURE

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## FELONY CONVICTION NOTIFICATION

Any person and/or business entity that enters into a contract with the Burnet County must give advance notice if any employee or an owner or operator of the business entity has been convicted of a felony. The notice must include a general description of the conduct resulting in the conviction of a felony. The notice must also describe the role that the employee, owner, or operator will perform in executing the contract.

Burnet County may require substitution of employees in the performance of the contract. Burnet County may terminate a contract with a person or business entity if the County determines that the person or business entity failed to give notice as required by this clause, misrepresented the conduct resulting in the conviction, or failed to substitute personnel at the County's request.

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

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Company Official's Name and Title (Printed)

\_\_\_\_\_  
Firm Name

A. My firm is not owned or operated by anyone who has been convicted of a felony nor does it have any employees who have been convicted of a felony:

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Person 1

\_\_\_\_\_  
Person 2

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

\_\_\_\_\_  
Date

C. Provide a general description of the conduct resulting in the conviction of a felony.

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

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

\_\_\_\_\_  
Date

D. Describe the role that the person(s) convicted of a felony will play in the performance of the contract.

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

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

\_\_\_\_\_  
Date

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## GC 2252.152 CERTIFICATION FORM

### CONTRACTS WITH COMPANIES ENGAGED IN BUSINESS WITH IRAN, SUDAN, OR FOREIGN TERRORIST ORGANIZATIONS PROHIBITED - CERTIFICATION

I, \_\_\_\_\_, the undersigned representative of

\_\_\_\_\_  
(Company or business name) being an adult over the age of eighteen (18) years of age, pursuant to Texas Government Code, Chapter 2252, Section 2252.152 and Section 2252.153, certify that the company named above is not listed on the website of the Comptroller of the State of Texas concerning the listing of companies that are identified under Section 806.051, Section 807.051 or Section 2253.153. I further certify that should the above-named company enter into a contract that is on said listing of companies on the website of the Comptroller of the State of Texas which do business with Iran, Sudan or any Foreign Terrorist Organization, I will immediately notify the Burnet County Purchasing Office.

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

\_\_\_\_\_  
NAME OF COMPANY REPRESENTATIVE (PRINT)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## NON-COLLUSION/ANTI-TRUST AFFIDAVIT

The Company has not given, offered to give, nor intends to give at any time hereafter, any economic opportunity, future employment, gift, loan gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted response. Failure to sign this document or signing it with a false statement shall void the submitted offer or any resulting contracts.

Neither the Company or the firm, corporation, partnership, or institution represented by the Company or anyone acting for such firm, corporation, or institution has violated the antitrust laws of this State, codified in Section 15.01, et seq., Texas Business and Commerce Code, or the Federal antitrust laws, nor communicated directly or indirectly the offer made to any competitor or any other person engaged in such line of business. The Company's signature herein assigns to the County any and all claims for overcharges associated with his contract for this project, which arise under the Antitrust Laws of the United States, 15 USCA, Section 1, Et. Seq. (1973). By signing this proposal, Company certifies that if a Texas address is shown as its address, Company qualifies as a Texas Resident Bidder as defined in Section 2252.001, Texas Government Code.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

\_\_\_\_\_  
NAME OF COMPANY REPRESENTATIVE (PRINT)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
COMPANY'S CORPORATE CHARTER NO.

\_\_\_\_\_  
DATE

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## GC 2274 CERTIFICATION FORM

### FIREARM ENTITIES AND TRADE ASSOCIATIONS DISCRIMINATION CERTIFICATION

I, \_\_\_\_\_ the undersigned representative of

\_\_\_\_\_  
(Company or business name) being an adult over the age of eighteen (18) years of age, pursuant to Texas Government Code, Chapter 2274 verify that this company or business (1) does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and (2) will not discriminate during the term of the contract against a firearm entity or firearm trade association. If Respondent does not make that verification, Respondent must indicate in its Response and state why the verification is not required.

APPLICABILITY: This clause applies only to a contract that:

- (1) is between a governmental entity and a company with at least 10 full-time employees; and
- (2) has a value of at least \$100,000 that is paid wholly or partly from public funds of the governmental entity.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

\_\_\_\_\_  
NAME OF COMPANY REPRESENTATIVE (PRINT)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## **CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

Offeror certifies to the best of its knowledge and belief that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal, State, or local department or agency.
  
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  
3. Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph 2 of this certification; and
  
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

\_\_\_\_\_  
NAME OF COMPANY REPRESENTATIVE (PRINT)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

\_\_\_\_\_ I am unable to certify the above statements. My explanation is attached.

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## RESERVATION OF RIGHTS

The County is issuing this BID in accordance with applicable laws that allow an agreement with a private entity that displays demonstrated competence and qualifications to perform the requested task.

The County reserves the right to terminate this process and to cancel or modify this solicitation process at any time. In no event will the County or any of its respective agents, representatives, consultants, directors, officers, or employees be liable for, or otherwise obligated to reimburse, the costs incurred in preparation of this BID, or any other related costs. The prospective firms shall be fully responsible for all costs incurred in the preparation and/or presentation of the BID submittals. The BID submittals will become the property of the County.

All submissions shall be subject to the Texas Public Information Act unless the respondent clearly and prominently identifies a particular submittal item as proprietary and said item unequivocally qualifies for this exception under the Act as determined by the Attorney General.

In connection with the BID, the County reserves all rights (which rights may be exercised by the County in its sole discretion) available to it under applicable laws, including without limitation, and with or without cause and with or without notice, the right to:

1. Cancel this BID, in whole or in part, at any time before the execution of contract by the County, without incurring any cost, obligations or liabilities.
2. Issue addenda, supplements, and modifications to this BID.
3. Revise and modify, at any time before the BID submittal due date, the factors and/or weights of factors the County will consider in evaluating BID submittals and to otherwise revise or expand its evaluation methodology as set forth herein.
4. Extend the BID submittal due date.
5. Investigate the qualifications of any firm under consideration and require confirmation of information furnished by a firm.
6. Require additional information from a firm concerning contents of its BID submittal and/or require additional evidence of qualifications.
7. Waive or permit corrections to data submitted with any response to this BID until such time as the County declares, in writing, that a particular stage or phase of its review of the responses has been completed or closed.
8. Reject at any time, any or all submittals, responses and BID submittals received.
9. Terminate, at any time, evaluations of responses received.
10. Appoint an evaluation committee to review BID submittals or responses, make recommendations and seek the assistance of outside experts and consultants in BID submittal evaluation.

11. Hold interviews and conduct discussions and correspondence with one or more of the firms responding to this BID to seek an improved understanding and evaluation of the responses to this BID.

12. Seek or obtain data from any source that has the potential to improve the understanding and evaluation of the responses to this BID.

13. Disclose information contained in a BID submittal to the public as required under the Texas Public Information Act.

14. Authorize firms to substitute key personnel until the County declares, in writing, that a particular stage or phase of its review has been completed and closed.

15. Waive deficiencies in a BID submittal, accept and review a non-conforming BID submittal or seek clarifications or supplements to a BID submittal.

16. Disqualify any firm that changes its BID submittal without the County's authorization.

17. Exercise any other right reserved or afforded to the County under this BID. The County reserves the right to modify the process, in its sole discretion, to address applicable law and/or the best interest of the County.

The County shall not, under any circumstances, be bound by or be liable for any obligations with respect to any services until such time (if at all) a contract has been awarded and all approvals obtained in form and substance satisfactory to the County have been executed and authorized by the County, and then only to the extent of such agreements.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

\_\_\_\_\_  
NAME OF COMPANY REPRESENTATIVE (PRINT)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
MAILING ADDRESS

\_\_\_\_\_  
CITY

\_\_\_\_\_  
STATE

\_\_\_\_\_  
ZIP CODE

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## SIGNATURE FORM

The undersigned, on behalf of and as the authorized representative of Bidder, agrees this bid becomes the property of Burnet County after the official opening.

The undersigned affirms that the Bidder has familiarized himself with the local conditions under which the work is to be performed; satisfied himself of the conditions of delivery, handling and storage of equipment and all other matters that may be incidental to the work, before submitting a bid.

The undersigned agrees, on behalf of Bidder, that if the bid is accepted, Bidder will furnish all materials and services upon which price(s) are offered, at the price(s) and upon the terms and conditions contained in the specifications. The period for acceptance of this bid will be sixty (60) calendar days.

The undersigned affirms that they are duly authorized to execute this contract, that this bid has not been prepared in collusion with any other Bidder, nor any employee of Burnet County, and that the contents of this bid have not been communicated to any other Bidder or to any employee of Burnet County prior to the official opening of this bid.

Vendor hereby assigns to Burnet County all claims for overcharges associated with this contract which arise under the antitrust laws of the United States, 15 USCA Section 1 et seq., and which arise under the antitrust laws of the State of Texas, Tex. Bus. & Com. Code, Section 15.01, et seq.

The undersigned affirms that they have read and do understand the specifications and any attachments contained in this solicitation. ***Failure to sign and return this form will result in the rejection of the entire bid.***

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
SIGNATURE OF COMPANY REPRESENTATIVE

\_\_\_\_\_  
NAME OF COMPANY REPRESENTATIVE (PRINT)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

**THIS FORM MUST BE SIGNED AND THE ORIGINAL RETURNED WITH BID RESPONSE**

## BURNET COUNTY STATEMENT OF NO BID

If the bidder is not bidding on the goods and/or services as stated in this ITB, please complete, and return this form to: Burnet County, Purchasing Office, 133 E. Jackson, Burnet, TX 78611.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
CITY

\_\_\_\_\_  
STATE

\_\_\_\_\_  
ZIP CODE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
EMAIL

The above has declined to submit a Bid response for the following reason(s) [please check all that apply]:

- Specifications too "restrictive," i.e., goods offered by our company do not meet stated specifications.
- Specifications unclear (please explain below).
- We do not offer this commodity and/or service or an equivalent.
- Insufficient time to respond to the ITB.
- Our schedule would not permit us to perform.
- Cannot meet insurance requirements.

Remarks:

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

BID # 25-5120-02 BURNET COUNTY JAIL VISITATION RENOVATIONS

STATE OF TEXAS  
COUNTY OF BURNET

Bond No. \_\_\_\_\_  
Project No. 25-5120-02

Project Name: BURNET COUNTY JAIL VISITATION ROOM RENOVATIONS

Know All Men By These Presents: That \_\_\_\_\_  
of the City of \_\_\_\_\_, County of \_\_\_\_\_, and  
State of Texas, as Principal, and \_\_\_\_\_,  
a solvent company authorized under laws of the State of Texas to act as surety on bonds for principals, are held and  
firmly bound unto County of Burnet (OWNER), in the penal sum of \_\_\_\_\_ U.S. Dollars  
(\$ \_\_\_\_\_ U.S.) for payment whereof, well and truly to be made, said Principal and  
Surety bind themselves and their heirs, administrators, executors, successors and assigns, jointly and severally, by  
these presents:

Conditions of this Bond are such that, whereas, Principal has entered into a certain written contract with OWNER, dated  
the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, which Agreement is hereby referred to and made a  
part hereof as fully and to the same extent as if copied at length herein.

Now, therefore, the condition of this obligation is such, that if said Principal shall faithfully perform said Agreement and  
shall in all respects duly and faithfully observe and perform all and singular covenants, conditions and agreements in  
and by said contract agreed and covenanted by Principal to be observed and performed, and according to true intent  
and meaning of said Agreement hereto annexed, then this obligation shall be void; otherwise to remain in full force and  
effect. If OWNER notifies Principal and Surety the OWNER is considering declaring Principal in default, Surety agrees  
to meet with OWNER and Principal no later than fifteen days after receipt of such notice to discuss methods of  
performing the Work of the Contract.

Provided, however, that this bond is executed pursuant to provisions of Chapter 2253, Texas Government Code as  
amended and all liabilities on this bond shall be determined in accordance with provisions of said Article to same extent  
as if it were copied at length herein.

Surety, for value received, stipulates and agrees that no change in Contract Time or Contract Amount shall in anywise  
affect its obligation on this bond, and it does hereby waive notice of any such change in Contract Time or Contract  
Amount.

In witness whereof, said Principal and Surety have signed and sealed this instrument this \_\_\_\_\_  
day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Principal  
By \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Surety  
By \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
E-Mail Address \_\_\_\_\_

Name and address of Resident Agent of Surety:

Note: Bond shall be issued by a solvent Surety company authorized to do business in Texas, and shall meet any other  
requirements established by law or by OWNER pursuant to applicable law. A copy of surety agent's "Power of Attorney"  
must be attached hereto.

BID # 25-5120-02 BURNET COUNTY JAIL VISITATION RENOVATIONS

STATE OF TEXAS  
COUNTY OF BURNET

Bond No. \_\_\_\_\_  
Project No. 25-5120-02

Project Name: BURNET COUNTY JAIL VISITATION ROOM RENOVATIONS

Know All Men By These Presents: That \_\_\_\_\_  
of the City of \_\_\_\_\_, County of \_\_\_\_\_ and  
State of Texas, as principal, and \_\_\_\_\_  
a solvent corporation authorized under laws of the State of Texas to act as surety on bonds for principals, are held and  
firmly bound unto \_\_\_\_\_ County of Burnet (Owner), and all Subcontractors,  
workers,  
laborers, mechanics and suppliers as their interests may appear, all of whom shall have right to sue upon this bond in  
the penal sum of \_\_\_\_\_  
U.S. Dollars (\$ \_\_\_\_\_ U.S.),  
for payment whereof, well and truly to be made, said Principal and Surety bind themselves and their heirs,  
administrators, executors, successors and assigns, jointly and severally, by these presents:

Conditions of this Bond are such that, whereas, Principal has entered into a certain written contract with Owner; dated  
the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ to which Agreement is hereby referred to and  
made a part hereof as fully and to the same extent as if copied in length herein.

Now, therefore, condition of this obligation is such, that if the said Principal shall well and truly pay all Subcontractors,  
workers, laborers, mechanics, and suppliers, all monies to them owing by said Principals for subcontracts, work, labor,  
equipment, supplies and materials done and furnished for the construction of improvement of said Agreement, then  
this obligation shall be and become null and void; otherwise to remain in full force and effect.

Provided, however, that this bond is executed pursuant to provisions of Chapter 2253, Texas Government Code as  
amended and all liabilities on bond shall be determined in accordance with provisions of said Article to same extent as  
if it were copied at length herein.

Surety, for value received, stipulates and agrees that no change in Contract Time or Contract Amount shall in anywise  
affect its obligation on this bond, and it does hereby waive notice of any such change in Contract Time or Contract  
Amount.

In witness whereof, said Principal and Surety have signed and sealed this instrument this \_\_\_\_\_  
day of \_\_\_\_\_.

\_\_\_\_\_  
Principal  
By \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Surety  
By \_\_\_\_\_  
Title \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
E-Mail Address \_\_\_\_\_

Name and address of Resident Agent of Surety:

Note: Bond shall be issued by a solvent Surety company authorized to do business in Texas and shall meet any other  
requirements established by law or by OWNER pursuant to applicable law. A copy of surety agent's "Power of Attorney"  
must be attached hereto.

## CERTIFICATE OF INSURANCE

The insurance evidenced by this Certificate shall conform to the Supplemental General Conditions, Section 5.3 Insurance:

Name and Address of Agency:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: \_\_\_\_\_ / \_\_\_\_\_

**County of Burnet Reference:**  
 Project Name \_\_\_\_\_  
 \_\_\_\_\_  
 Project No.: \_\_\_\_\_  
 Project Location: \_\_\_\_\_  
 \_\_\_\_\_

Name and Address of Insured:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: \_\_\_\_\_ / \_\_\_\_\_  
 Prime or Sub-Contractor?: \_\_\_\_\_

**Companies Affording Coverages:**  
 Company A  
 Letter \_\_\_\_\_  
 Company B  
 Letter \_\_\_\_\_  
 Company C  
 Letter \_\_\_\_\_  
 Company D  
 Letter \_\_\_\_\_

Name of Prime Contractor, if different from Insured:  
 \_\_\_\_\_

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (M/D/Y)	POLICY EXPIRATION DATE (M/D/Y)	LIMITS OF LIABILITY IN THOUSANDS (000) EACH
	<b>Commercial General Liability Policy</b> <input type="checkbox"/> Blanket Contractual Liability <input type="checkbox"/> Completed Operations/ Products <input type="checkbox"/> Explosion, Collapse, Underground <input type="checkbox"/> Independent Contractor's Coverage <input type="checkbox"/> Aggregate Limits Per Project Form – CG 2503 <input type="checkbox"/> Additional Insured Form –CG 2010 <input type="checkbox"/> 30 Day Notice of Cancellation Form – CG 0205 <input type="checkbox"/> Waiver of Subrogation Form – CG 2404 <input type="checkbox"/> Transportation of Asbestos or Lead <input type="checkbox"/> Asbestos Abatement <input type="checkbox"/> Lead Abatement				General Aggregate \$ _____  Completed Operations/ Products – Aggregate \$ _____  Personal & Advertising Injury \$ _____  Each Occurrence \$ _____   Deductible or Self Insured Retention \$ _____

### Certificate of Insurance

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (M/D/Y)	POLICY EXPIRATION DATE (M/D/Y)	LIMITS OF LIABILITY IN THOUSANDS (000) EACH
	<b>Auto Liability Policy</b> <input type="checkbox"/> Any Auto <input type="checkbox"/> All Owned Autos  <input type="checkbox"/> Non-Owned Autos <input type="checkbox"/> Hired Autos  <input type="checkbox"/> Waiver of Subrogation-TE2046A <input type="checkbox"/> 30 Day Notice of Cancellation – TE0202A  <input type="checkbox"/> Additional Insured-TE9901B <input type="checkbox"/> MCS 90				CSL  Bodily Injury (Per Person)      \$ _____  Bodily Injury (Per Accident)      \$ _____  Property Damage (Per Accident)      \$ _____  Deductible or Self Insured Retention      \$ _____
	<b>Excess Liability</b>  <input type="checkbox"/> Umbrella Form  <input type="checkbox"/> Excess Liability Follow Form				Each Aggregate Occurrence      \$ _____
	<b>Worker's Compensation and Employers' Liability</b>  <input type="checkbox"/> Waiver of Subrogation – WC420304  <input type="checkbox"/> 30 Day Notice of Cancellation – WC420601				Statutory  (Each Accident)      \$ _____  (Disease - Policy Limit)      \$ _____ (Disease - Each Employee)      \$ _____
	<input type="checkbox"/> <b>Builders Risk or Installation Insurance</b>				\$ _____
	<b>Professional Liability</b>  <input type="checkbox"/> 30 Day Notice of Cancellation  Retro-Active Date: _____				Each Claim  Deductible or Self Insured Retention      \$ _____

This is to certify that policies of insurance listed above have been issued to insured named above and are in force at this time. Notwithstanding any requirements, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, insurance afforded by policies described herein is subject to all terms, exclusions and conditions of such policies.

**ADDITIONAL INSURED:**

Burnet County  
133 E. Jackson  
Burnet, Texas 78611

DATE ISSUED: \_\_\_\_\_ AUTHORIZED REPRESENTATIVE: \_\_\_\_\_

**Did you sign and submit all  
required forms?  
If not, your Bid may be  
Rejected!**

### AFFIRMATIONS/FORMS/DOCUMENTS

✓ Indicates Compliance	<p><b>A check mark (✓) in the space provided indicates these forms/documents have been completed and are included in your bid package. The original of all forms/documents must be submitted. Failure to check all items could result in rejection of the entire bid. <u>All deviations from specifications must be documented separately and included with bid package.</u></b></p>
	<p>1. <b><u>Vendor References.</u></b> Bidder has provided three (3) references, <b>other than Burnet County.</b> References must be able to verify the quality of service your company provides and that your company has completed a project of similar size and scope of work to this bid.</p>
	<p>2. <b><u>Signatures.</u></b> All forms, including certifications, affirmations and informational forms requiring a signature must be signed. Bids not signed may not be considered for award.</p>
	<p>3. <b><u>BID FORMS.</u></b> All sections of BID FORMS have been completed.</p>
	<p>4. <b><u>Insurance Certificates (If required).</u></b> Bidders must submit all Insurance Certificates with bid. If no insurance requirements specified, mark N/A.</p>
	<p>5. <b><u>Addenda.</u></b> When applicable, Bidder acknowledges receipt of all addenda and has included the signed Addenda cover pages and any revised Bid Forms in their bid package.</p>
	<p>6. <b>It is the bidders' sole responsibility to print and review all pages of the bid document, attachments, questions and their responses, addenda, and special notices.</b></p>
	<p>7. <b>Accuracy for all mathematical and number entries is the sole responsibility of the bidder.</b> Burnet County will not be responsible for errors made by the bidder.</p>
	<p>8. Failure to comply with the requirements set forth in this Invitation to Bid may result in rejection of bid and/or cancellation of contract after award.</p>

**All Required Forms Must Be Returned With Bid!**

**BID SUBMITTAL INSTRUCTIONS**

**RETURN SEALED BID TO THE FOLLOWING ADDRESS:**

BURNET COUNTY PURCHASING OFFICE  
KELLEY GLAESER, INTERIM PURCHASING AGENT  
133 E. JACKSON  
BURNET, TEXAS 78611

**OR SUBMITTED ELECTRONICALLY TO:**

[bids@burnetcountytexas.org](mailto:bids@burnetcountytexas.org)

**LATE BIDS WILL NOT BE ACCEPTED**

**BURNET COUNTY RETURN LABEL**

<b><u>SEALED INVITATION TO BID</u></b>	
<b>INVITATION TO BID NO.:</b>	<b>25-5120-02</b>
<b>DUE DATE &amp; TIME:</b>	<b>JUNE 18, 2025, 2:00 PM CST</b>
<b>OPENING DATE &amp; TIME:</b>	<b>JUNE 18, 2025, 2:00 PM CST</b>
<b>DESCRIPTION:</b>	<b>BURNET COUNTY JAIL VISITATION RENOVATIONS</b>
<b><i>DATED MATERIAL – DELIVER IMMEDIATELY</i></b>	

**PLEASE CUT OUT AND AFFIX THE ITB LABEL ABOVE TO THE OUTER MOST ENVELOPE OF YOUR RESPONSE**

**PROJECT MANUAL**

**BURNET COUNTY  
JAIL VISITATION  
RENOVATIONS**

**900 COUNTY LANE  
BURNET, TX 78611**

**Burns Architecture, LLC**

**JOB NO.: BCVR-25**

**DATE: 4/30/2025**



**4/30/2025**

**Architect**





**SECTION 000103  
TABLE OF CONTENTS FOR  
BURNET COUNTY JAIL VISITATION RENOVATIONS**



**4/30/2025**

**DIVISION 00 – INTRODUCTORY INFORMATION, PROPOSAL BIDDING  
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Section 013100.....Administrative Requirements  
Section 013300.....Submittals and Substitutions  
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**DIVISION 2 – EXISTING CONDITIONS**

None this project.

**DIVISION 3 – CONCRETE**

None this project.

**DIVISION 4 – MASONRY**

Section 041000.....Mortar and Masonry Grout  
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**DIVISION 5 – METALS**

None this project.

**DIVISION 6 – WOOD AND PLASTIC**

Section 064100.....Architectural Woodwork

**DIVISION 7 – THERMAL AND MOISTURE PROTECTION**

Section 079200.....Joint Sealants

**DIVISION 8 – DOORS AND WINDOWS**

Section 081113.....Standard Hollow Metal Doors and Frames  
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**DIVISION 9 – FINISHES**

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**DIVISION 10 – SPECIALTIES**

None this project.

**DIVISION 11 – EQUIPMENT**

None this project.

**DIVISION 12 – FURNISHINGS**

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**DIVISION 13 – SPECIAL CONSTRUCTION**

None this project.

**DIVISION 14 – CONVEYING SYSTEM**

None this project.

**DIVISIONS 20 - 23 – MECHANICAL**

None this project.

**DIVISION 26 & 27– ELECTRICAL**

None this project.

**DIVISION 28 - ELECTRONIC SAFETY AND SECURITY**

None this project.

**DIVISION 31 - EARTHWORK**

None this project.

**DIVISION 32 – EXTERIOR IMPROVEMENTS**

None this project.

**DIVISION 33 – UTILITIES**

None this project.

**DIVISION 44 – POLLUTION AND WASTE CONTROL EQUIPMENT**

None this project.

**SECTION 011000  
PROJECT DESCRIPTION**

**BURNET COUNTY JAIL VISITATION RENOVATIONS  
BURNET, TEXAS**

The Burnet County Jail Visitation Renovations project is the addition of Attorney/Inmate Visitation Rooms within the existing Burnet County Jail.

The Jail address is 900 County Lane, Burnet, TX 78611.

**END OF SECTION**

**SECTION 013100  
ADMINISTRATIVE REQUIREMENTS**

**PART 1 GENERAL**

**1.1. SECTION INCLUDES**

- A. Progress meetings
- B. Construction progress schedule

**PART 2 PRODUCTS NOT USED**

**PART 3 EXECUTION**

**3.1. PROGRESS MEETINGS**

- A. Contractor shall schedule and administer meetings throughout progress of the Work on a monthly basis.
- B. Contractor shall make arrangements for meetings, prepare agenda with copies for participants, and preside at meetings.
- C. Attendance Required: Contractors and Suppliers, Owner, Architect, as appropriate to agenda topics for each meeting.
- D. Agenda:
  - 1. Review minutes of previous meetings.
  - 2. Review of Work progress.
  - 3. Field observations, problems, and decisions.
  - 4. Identification of problems which impede planned progress.
  - 5. Review of submittals schedule and status of submittals.
  - 6. Maintenance of progress schedule.
  - 7. Corrective measures to regain projected schedules.
  - 8. Planned progress during succeeding work period.
  - 9. Maintenance of quality and work standards.
  - 10. Effect of proposed changes, Owner progress schedule and coordination.
  - 11. Other business relating to Work.
- E. Record minutes and distribute copies within five days after meeting to participants, with one copy to Architect, Owner, participants, and those affected by decisions made.

**3.2. CONSTRUCTION PROGRESS SCHEDULE**

- A. Within 10 days after date of the Agreement, submit preliminary schedule defining planned operations for the first 60 days for Work, with a general outline for remainder of Work.

- B. If preliminary schedule requires revision after review, submit revised schedule within 10 days.
- C. Within 20 days after review of preliminary schedule, submit draft of proposed complete schedule for review.
  - 1. Include written certification that major contractors have reviewed and accepted proposed schedule.
- D. Within 10 days after joint review, submit complete schedule.
- E. Submit updated schedule at each monthly progress meeting.

**END OF SECTION**

**SECTION 013300**  
**SUBMITTALS AND SUBSTITUTIONS**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: Make submittals required by the Contract Documents, and revise and resubmit as necessary to establish compliance with the specified requirements.
- B. Related Work
  - 1. Individual requirements for submittals also may be described in other pertinent Sections of this Project Manual.
- C. Work not included:
  - 1. Unrequired submittals will not be reviewed by the Architect.
  - 2. The Contractor may require sub-contractors to provide drawings, setting diagrams, and similar information to help coordinate the work; but such data shall remain between the Contractor and sub-contractors and will not be reviewed by the Architect.

**1.2. QUALITY ASSURANCE**

- A. Coordination of submittals:
  - 1. Prior to each submittal, carefully review and coordinate all aspects of each item being submitted.
  - 2. Verify that each item and the submittal for it conform in all respects with the specified requirements.
  - 3. By affixing the **Contractor's** to each submittal, certify that this coordination has been performed.
- B. Substitutions:
  - 1. The Contract is based on the standards of quality established in the Contract Documents. Substitutions will be considered only when approved by the Architect at time of bidding. Acceptance of the contractor's bid does not constitute automatic approval of the proposed substitution. No additional monies will be paid to the contractor when proposed substitutes are not approved, and the original item or product specified is required to be installed.
  - 2. Do not substitute materials, equipment, or methods unless such substitution has been specifically approved in writing for this work by the Architect.
  - 3. In the event a contractor, sub-contractor, supplier, installer, and/or vendor intends to provide and/or install materials other than specified, he/she may do so provided the substitution complies with the contract document's requirements in each and all respects.
- C. "Or equal":
  - 1. Where the phrase "or equal," occurs in the contract documents, the bidder may propose equal products. The burden rests upon the bidder to confirm products are Equal. Architect will not review and provide written approval to bidder. Should

any product be proposed that proves to not be Equal, bidder shall provide an equal product at no additional cost to Owner.

### **1.3. SUBMITTALS**

- A. Make submittals of Shop Drawings, Samples, substitution requests, and other items in accordance with the provisions of this Section. Provide all long lead items to Architect within 20 days after Notice to Proceed.

## **PART 2 PRODUCTS**

### **2.1. SHOP DRAWINGS**

- A. Scale and measurements: Make Shop Drawings accurately to a scale sufficiently large enough to show all pertinent aspects of the item or items and its method of connection to the work.
- B. Drawing and Data Submittals:
  - 1. Submit one (1) set electronically. Contractor shall establish a system of tracking and handling submittals electronically.
  - 2. If drawings cannot be submitted electronically, submit two (2) complete sets; 1 set will be retained by the Architect, 1 set will be returned to the Contractor.
- C. Review comments of the Architect will be shown on the shop drawings when it is returned to the Contractor. The Contractor may make and distribute such copies as are required for his purposes.

### **2.2. MANUFACTURER'S LITERATURE**

- A. Where contents of submitted literature from manufacturers include data not pertinent to the submittal, clearly show, which portions of the contents is being submitted for review.
- B. Submit the number of copies, which are required to be returned plus, one copy which will be retained by the Architect and an additional copy when consultants are included.

### **2.3. SAMPLES**

- A. Provide Sample or Samples identical to the precise article proposed to be provided. Identify as described under "Identification of Submittals" below.
- B. Number of Samples required:
  - 1. Unless otherwise specified, submit actual samples in the quantity, which is required to be returned, plus two, which will be retained by the Architect.
  - 2. By pre-arrangement in specific cases, a single Sample may be submitted for review and, when approved, be installed in the work at a location agreed upon by the Architect.

## **2.4. COLORS AND PATTERNS**

- A. Unless the precise color and pattern is specifically called out in the Contract Documents, and whenever a choice of color or pattern is available in the specified products, submit accurate color samples and pattern charts to the Architect for selection. Photocopies of color charts or samples printed from the manufacturer's website are not acceptable.

## **PART 3 EXECUTION**

### **3.1. IDENTIFICATION OF SUBMITTALS**

- A. Consecutively number all submittals.
  - 1. When material is resubmitted for any reason, transmit under a new letter of transmittal and with a new transmittal number.
  - 2. On re-submittals, cite the original submittal number for reference.
- B. Accompany each submittal with a letter of transmittal showing all information required for identification and checking.
- C. On at least the first page of each submittal, and elsewhere as required for positive identification, show the submittal number, specification section, and drawing in which the item was included.
- D. Maintain an accurate submittal log for the duration of the work, showing current status of all submittals at all times. Make the submittal log available to the Architect for his review at each monthly meeting.

### **3.2. GROUPING OF SUBMITTALS**

- A. Unless otherwise specified, make submittals in groups containing all associated items to assure that information is available for checking each item when it is received.
  - 1. Partial submittals may be rejected as not complying with the provisions of the Contract and of this section.
  - 2. Submit in one package, physical samples of all materials requiring a color selection. No color selections will be made until all color samples requiring selection have been submitted.
  - 3. Color selections for exterior and interior may be submitted as two distinct groupings.

### **3.3. TIMING OF SUBMITTALS**

- A. Make submittals far enough in advance of scheduled dates for installation to provide time required for reviews, for securing necessary approvals, for possible revisions and re-submittals, and for placing orders and securing delivery.
- B. In scheduling, allow at least fifteen (15) calendar days for review by the Architect and Architect's consultants following his receipt of the submittal.

### **3.4. ARCHITECT'S/ARCHITECT'S CONSULTANT'S REVIEW**

- A. Review by the Architect or Architect's Consultant's does not relieve the sub-contractor from responsibility for errors, which may exist in the submitted data.
- B. Revisions:
  - 1. Make revisions required by the Architect or Architect's Consultants.
  - 2. Make only those revisions directed or approved by the Architect or Architect's Consultants.

### **3.5. COORDINATION DRAWINGS**

- A. Provide information required by Project Coordinator for preparation of coordination drawings.
- B. Review drawings prior to submission to Architect.

### **3.6. SUBMITTALS FOR REVIEW**

- A. Submit the following for individual sections, submit them for review:
  - 1. Product data.
  - 2. Shop drawings.
  - 3. Samples for selection.
  - 4. Samples for verification.
- B. Submit to Architect for review for the limited purpose of checking for conformance with information given and the design concept expressed in the contract documents.
- C. Samples will be reviewed only for aesthetic, color, or finish selection.
- D. After review, provide copies and distribute in accordance with SUBMITTAL PROCEDURES article below and for record documents purposes described in Division 1.

### **3.7. SUBMITTALS FOR INFORMATION**

- A. When the following are specified in individual sections, submit them for information:
  - 1. Design data.
  - 2. Certificates.
  - 3. Test reports.
  - 4. Inspection reports.
  - 5. Manufacturer's instructions.
  - 6. Manufacturer's field report.
  - 7. Other types indicated.
- B. Submit for Architect's knowledge as contract administrator or for Owner. No action will be taken.

### **3.8. SUBMITTALS FOR PROJECT CLOSEOUT**

- A. When the following are specified in individual sections, submit them at project closeout:
  - 1. Project record documents.
  - 2. Operation and Maintenance data.
  - 3. Warranties.
  - 4. Bonds.
  - 5. Other types as indicated.
- B. Submit for Owner's benefit during and after project completion.
- C. Submit two copies of project close out documents.

**END OF SECTION**

## **SECTION 014500 QUALITY CONTROL**

### **PART 1 GENERAL**

#### **1.1. SUMMARY**

- A. Related Documents: Provisions established in General and Supplementary Conditions of the Contract, Division 1 General Requirements, and the Drawings are collectively applicable to this Section.
- B. Section Includes:
  - 1. Quality control of products and workmanship.
  - 2. Manufacturer's instructions.
  - 3. Manufacturer's certificates and field services.
  - 4. Field samples.
  - 5. Contractor responsibilities.
  - 6. Schedule of inspections and tests.

#### **1.2. DESCRIPTION**

- A. Maintain quality control over supervision, subcontractors, suppliers, manufacturers, products, services, workmanship, and site conditions, to produce Work in accordance with Contract Documents.

#### **1.3. DEFINITIONS**

- A. Field Samples: Partial installation of selected materials installed at project site for Owner's Representative's review and approval of visual features and workmanship.

#### **1.4. PERFORMANCE REQUIREMENTS**

- A. Workmanship:
  - 1. Comply with industry standards of the region except when more restrictive tolerances or specified requirements indicate more rigid standards or more precise workmanship.
  - 2. Provide suitably qualified personnel to produce Work of specified quality.
  - 3. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, and racking.
  - 4. Provide finishes to match approved samples.
- B. Manufacturer's Instructions:
  - 1. Require compliance with instructions in full detail, including each step in sequence. Do not omit preparatory steps or installation procedures unless specifically modified or exempted by Contract Documents.
  - 2. Maintain one complete set of instructions at Project Site during installation and until completion.
  - 3. Should instruction conflict with Contract Documents, request clarification from Owner's Representative before proceeding.

- C. Manufacturer's Certificates:
  - 1. When required in individual Specifications section, submit manufacturer's certificate, in duplicate, certifying that products meet or exceed specified requirements, executed by responsible officer.
  
- D. Manufacturer's Field Services and Reports:
  - 1. Submit reports in accordance in accordance with Section 013300.
  - 2. Submit qualifications of field observer 30 days in advance of required observations; observer is subject to approval of Owner's Representative.
  - 3. When specified in individual Specification sections, require material or product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces, quality of workmanship, and conditions of installation as applicable, and to initiate instructions when necessary.
  - 4. Report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturer's written instructions.
  - 5. Submit reports within 7 days of observation. Distribute copies to Owner's Representative, Project site file, subcontractor, and other entities requiring information.
  - 6. Provide one additional copy of reports for record documents file; refer to Section 017839.

## **1.5. QUALITY ASSURANCE**

- A. Supervise performance of Work in such manner and by such means to ensure that Work, whether completed or in progress, will not be subjected to harmful, dangerous, damaging, or otherwise deleterious exposure during construction period.
- B. Ensure that persons performing Work are qualified to produce workmanship of specified quality.
- C. Monitor quality control over products, suppliers, manufacturers, services, site conditions, and workmanship to ensure Work complies with Contract Documents.
- D. Comply with specified reference standards as minimum quality for the Work except when more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.

## **1.6. EXAMINATION OF CONDITIONS**

- A. Examine substrates and conditions under which Work is to be performed. Do not commence work over unsatisfactory conditions detrimental to proper and timely execution of Work.
- B. Do not proceed with Work until unsatisfactory conditions have been corrected.
- C. Commencement of installation constitutes acceptance of conditions and cost of any corrective measures are responsibility of Contractor.

## **1.7. FIELD SAMPLES**

### **A. General:**

1. Provide field samples at site required by individual Specification sections.
2. Erect at location acceptable to Owner's Representative; perform Work in accordance with applicable Specification sections.
3. Construct complete, including Work of related trades required in finished Work.
4. Make adjustments necessary to obtain approval from Owner's Representative. Do not proceed with further work until sample installation has been approved by Owner's Representative.
5. Approved samples will serve as standard of quality and workmanship of Work; maintain samples until completion of relevant Work.
6. Upon completion of Work or when directed by Owner's Representative, demolish field samples and remove from site, unless accepted by Owner's Representative as part of completed Work.

## **1.8. SUBMITTALS**

- A. Provide submittals in accordance with Section 013300.

## **PART 2 PRODUCTS – Not Used**

## **PART 3 EXECUTION – Not Used**

**END OF SECTION**

**SECTION 015000  
CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: provide temporary facilities and controls needed for the work including, but not necessarily limited to:
1. Temporary utilities such as heat, water, electricity, telephone, and email capabilities;
  2. Field office for the Contractor's personnel and working space for Owner/Architect/Contractor meetings;
  3. Sanitary facilities;
- B. Related work:
1. Except that equipment furnished by subcontractors shall comply with requirements of pertinent safety regulations, such equipment normally furnished by the individual trades in execution of their own portions of the work is not part of this Section.

**1.2. PRODUCT HANDLING**

- A. Maintain temporary facilities and controls in proper and safe condition throughout progress of the work.

**PART 2 PRODUCTS**

**2.1. UTILITIES**

- A. Water:
1. Provide necessary temporary piping and water supply and, upon completion of the work, remove such temporary facilities.
  2. Owner should provide water.
- B. Electricity:
1. Provide necessary temporary meter and wiring and, upon completion of the work, remove such temporary facility.
  2. Provide area distribution boxes so located that the individual trades may furnish and use 100 ft. maximum length extension cords to obtain power and lighting at points where needed for work, inspection, and safety.
  3. Owner should provide power.
- C. E-Mail:
1. Maintain e-mail capabilities on site and install additional communication line (if required) separate from voice communications.

## **2.2. TEMPORARY SANITARY FACILITIES**

- A. The Contractor shall provide and maintain required facilities and enclosures. Provide at time of project mobilization.

## **2.3. WASTE REMOVAL**

- A. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
- B. Provide containers with lids. Dispose of waste off-site periodically.
- C. Do not allow debris to be placed or blown onto any neighboring property.

## **PART 3 EXECUTION**

### **3.1. MAINTENANCE AND REMOVAL**

- A. Maintain temporary facilities and controls as long as needed for safe and proper completion of the work.
- B. Remove such temporary facilities and controls as rapidly as progress of the work will permit, or as directed by the Architect.

**END OF SECTION**

**SECTION 015650  
CLEANING**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: Throughout the construction period, maintain building and site in a standard of cleanliness as described in this Section.
- B. Related work:
  - 1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
  - 2. In addition to standards described in this Section, comply with requirements for cleaning as described in pertinent other Sections of these Specifications.

**1.2. QUALITY ASSURANCE**

- A. Conduct daily inspection, and more often if necessary, to verify that requirements for cleanliness are being met.
- B. In addition to the standards described in this Section, comply with pertinent requirements of governmental agencies having jurisdiction.

**PART 2 PRODUCTS**

**2.1. CLEANING MATERIALS AND EQUIPMENT**

- A. Provide required personnel, equipment, and materials needed to maintain the specified standard of cleanliness.

**2.2. COMPATIBILITY**

- A. Use only the cleaning materials and equipment which are compatible with the surface being cleaned, as recommended by the manufacturer of the material.

**PART 3 EXECUTION**

**3.1. PROGRESS CLEANING**

- A. General:
  - 1. Retain stored items in an orderly arrangement allowing maximum access, not impeding traffic or drainage, and providing required protection of materials.
  - 2. Do not allow accumulation of scrap, debris, waste material, and other items not required for construction of this work.

3. At least once each week, and more often if necessary, completely remove all scrap, debris, and waste material from the job site. Contractor will coordinate and plan clean-up of all trades present on the job-site. Each trade will be responsible for the clean-up of their own construction debris to a central location on the project site.
4. Provide adequate storage for all items awaiting removal from the job site, observing the requirements for fire protection and protection of the ecology.

**B. Site:**

1. Daily, and more often if necessary, inspect the site and pick up all scrap, debris, and waste material. Remove such items to the place designated for their storage.
2. Weekly, and more often if necessary, inspect all arrangements of materials stored on the site. Restack, tidy, or otherwise service arrangements to meet the requirements of subparagraph 3.1-A-1 above.
3. Maintain the site in a neat and orderly condition at all times.
4. Control temporary drainage erosion as required.
5. Do not allow debris to be placed or blown onto any neighboring property.
6. Do not allow pumped water to be drained onto any neighboring property.

**C. Structures:**

1. Weekly, and more often if necessary, inspect the structures and pick up all scrap, debris, and waste material. Remove such items to the place designated for their storage.
2. Weekly, and more often if necessary, sweep interior spaces clean.
  - a. "Clean", for the purpose of this subparagraph, shall be interpreted as meaning free from dust and other material capable of being removed by use of reasonable effort and a hand-held broom.
3. As required preparatory to installation of succeeding materials, clean the structures or pertinent portions thereof to the degree of cleanliness recommended by the manufacturer of the succeeding material, using equipment and materials required to achieve the necessary cleanliness.
4. Following the installation of finish floor material, clean the finish floor daily (and more often if necessary) at all times while work is being performed in the space in which finish materials are installed.
  - a. "Clean", for the purpose of this subparagraph shall be interpreted as meaning free from foreign material which, in the opinion of the Architect, may be injurious to the finish floor material.
  - b. Finish materials shall be protected from remaining work when occurring in heavy traffic areas.

### **3.2. FINAL CLEANING**

- A. "Clean", for the purpose of this Article, and except as may be specifically provided otherwise, shall be interpreted as meaning the level of cleanliness generally provided by skilled cleaners using commercial quality building maintenance equipment and materials.

- B. Prior to completion of the work, remove from the job site all tools, surplus materials, equipment, scrap, debris, and waste. Conduct final progress cleaning as described in Article 3.1 above.
- C. Site:
  - 1. Unless otherwise specifically directed by the Architect, broom clean paved areas on the site and public paved areas adjacent to the site.
  - 2. Completely remove resultant debris.
- D. Structures:
  - 1. Exterior:
    - a. Visually inspect exterior surfaces and remove all traces of soil, waste materials, smudges, and other foreign matter.
    - b. Remove all traces of splashed materials from adjacent surfaces.
    - c. If necessary to achieve a uniform degree of cleanliness, hose down the exterior of the structure.
    - d. In the event of stubborn stains not removable with water, the Architect may require light sandblasting or other cleaning at no additional cost to the Owner.
  - 2. Interior:
    - a. Visually inspect interior surfaces and remove all traces of soil, waste materials, smudges, and other foreign matter.
    - b. Remove all traces of splashed material from adjacent surfaces.
    - c. Remove paint drippings, spots, stains, and dirt from finished surfaces.
  - 3. Glass: Clean inside and outside.
  - 4. Polished surfaces: To surfaces requiring routine application of buffed polish, apply the polish recommended by the manufacturer of the material being polished.
  - 5. Sealed Concrete: Apply 1 coat wax, polish, and buff.
- E. Schedule final cleaning as approved by the Architect to enable the Owner to accept a completely clean work.
- F. Pest Control: Engage an experienced exterminator to make a final inspection, and rid the Project of rodents, insects, and other pests.
- G. Removal of Protection: Remove temporary protection and facilities installed for protection of the Work during construction.
- H. Compliance: Comply with regulations of authorities having jurisdiction and safety standards for cleaning. Do not burn waste materials. Do not bury debris or excess materials on the Owner's property. Do not discharge volatile, harmful, or dangerous materials into drainage systems. Remove waste materials from the site and dispose of in a lawful manner.
  - 1. Where extra materials of value remaining after completion of associated Work have become the Owner's property, arrange for disposition of these materials as directed.

**3.3. CLEANING DURING OWNER'S OCCUPANCY**

- A. Should the Owner occupy the work or any portion thereof prior to its completion by the Contractor and acceptance by the Owner, responsibilities for interim and final cleaning shall be as determined by the Architect.

**END OF SECTION**

**SECTION 016000  
MATERIAL AND EQUIPMENT CONTROLS**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: Protect products scheduled for use in the work by means including, but not necessarily limited to, those described in this Section.
- B. Related work:
  - 1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary conditions, and Sections in Division 1 of these Specifications.
  - 2. Additional procedures also may be prescribed in other Sections of these Specifications.

**1.2. QUALITY ASSURANCE**

- A. Include within the Contractor's quality assurance program such procedures as are required to assure full protection of work and materials.

**1.3. MANUFACTURERS' RECOMMENDATIONS**

- A. Except as otherwise approved by the Architect, determine and comply with manufacturer's recommendations on product handling, storage, and protection.

**1.4. PACKAGING**

- A. Deliver products to the job site in their manufacturer's original container, with labels intact and legible.
  - 1. Maintain packaged materials with seals unbroken and labels intact until time of use.
  - 2. Promptly remove damaged material and unsuitable items from the job site, and promptly replace with material meeting the specified requirements, at no additional cost to the Owner.
- B. The Architect may reject as non-complying such material and products that do not bear identification satisfactory to the Architect as to manufacturer, grade, quality, and other pertinent information.

**1.5. PROTECTION**

- A. Protect finished surfaces, including jambs and soffits of openings used as passageways, through which equipment and materials are handled.
- B. Provide protection for finished floor surfaces in traffic areas prior to allowing equipment or materials to be moved over such surfaces.

- C. Maintain finished surfaces clean, unmarred, and suitably protected until accepted by the Owner.

**1.6. REPAIRS AND REPLACEMENTS**

- A. In the event of damage, promptly make replacements and repairs to the approval of the Architect and at no additional cost to the Owner.
- B. Additional time required to secure replacements and to make repairs will not be considered by the Architect to justify an extension in the Contract Time of Completion.

**END OF SECTION**

**SECTION 017700  
CONTRACT CLOSEOUT**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. This Section specifies administrative and procedural requirements for project closeout, including but not limited to:
1. Inspection procedures
  2. Project record document submittal
  3. Operating and maintenance manual submittal
  4. Submittal of warranties
  5. Final cleaning
- B. Related Work: Work related to this section that is described in other sections include but is not limited to the following:
1. Specification Section 015650 – Cleaning.
  2. Closeout requirements for specific construction activities are included in the appropriate Sections in Divisions-2 through -44.

**1.2 SUBSTANTIAL COMPLETION**

- A. Substantial completion is achieved when the Texas Commission on Jail Standards has completed their occupancy inspection and has certified to the owner that the building may be occupied.
- B. Preliminary Procedures: Before requesting inspection for certification of Substantial Completion, complete the following. List exceptions in the request.
1. In the Application for Payment that coincides with, or first follows, the date Substantial Completion is claimed, show 100 percent completion for the portion of the Work claimed as substantially complete. Include supporting documentation for completion as indicated in these Contract Documents and a statement showing an accounting of changes to the Contract Sum.
  2. If 100 percent completion cannot be shown, include a list of incomplete items, the value of incomplete construction, and reasons the Work is not complete.
  3. Advise Owner of pending insurance change-over requirements.
  4. Submit specific warranties, workmanship bonds, maintenance agreements, final certifications, and similar documents.
  5. Obtain and submit releases enabling the Owner unrestricted use of the Work and access to services and utilities; include occupancy permits, operating certificates, and similar releases.
  6. Submit record drawings, maintenance manuals, final project photographs, damage or settlement survey, property survey, and similar final record information.
  7. Deliver tools, spare parts, extra stock, and similar items.
  8. Make final change-over of permanent locks and transmit keys to the Owner. Advise the Owner's personnel of change-over in security provisions.

9. Complete start-up testing of systems, and instruction of the Owner's operating and maintenance personnel. Discontinue or change over and remove temporary facilities from the site, along with construction tools, mock-ups, and similar elements.
  10. Complete final clean up requirements, including touch-up painting. Touch-up and otherwise repair and restore marred exposed finishes.
- C. Inspection Procedures: On receipt of a request for inspection, the Architect will either proceed with inspection or advise the Contractor of unfilled requirements. The Architect will prepare the Certificate of Substantial Completion following inspection, or advise the Contractor that work must be completed or corrected before the certificate will be issued.
1. The Architect will repeat inspection when requested and assured that the Work has been substantially completed.
  2. Results of the completed inspection will form the basis of requirements for final acceptance.

### **1.3 FINAL ACCEPTANCE**

- A. Preliminary Procedures: Before requesting final inspection for certification of final acceptance and final payment, complete the following. List exceptions in the request.
1. Submit the final payment request with releases and supporting documentation not previously submitted and accepted. Include certificates of insurance for products and completed operations where required.
  2. Submit an updated final statement, accounting for final additional changes to the Contract Sum.
  3. Submit a certified copy of the Architect's final inspection list of items to be completed or corrected, stating that each item has been completed or otherwise resolved for acceptance and the list has been endorsed and dated by the Architect.
  4. Submit final meter readings for utilities, a measured record of stored fuel, and similar data as of the date of Substantial Completion, or when the Owner took possession of and responsibility for corresponding elements of the Work.
  5. Submit consent of surety to final payment.
  6. Submit evidence of final, continuing insurance coverage complying with insurance requirements.
- B. Re-inspection Procedure: The Architect will re-inspect the Work upon receipt of notice that the Work, including inspection list items from earlier inspections, has been completed, except items whose completion has been delayed because of circumstances acceptable to the Architect.
1. Upon completion of re-inspection, the Architect will prepare a certificate of final acceptance, or advise the Contractor of
    - a. Work that is incomplete or of obligations that have not been fulfilled but are required for final acceptance.
    - b. If necessary, re-inspection will be repeated.

## **PART 2 - PRODUCTS**

(NOT APPLICABLE)

## **PART 3 - EXECUTION**

### **3.1 CLOSEOUT PROCEDURES**

- A. Operating and Maintenance Instructions: Arrange for each installer of equipment that requires regular maintenance to meet with the Owner's personnel to provide instruction in proper operation and maintenance. If installers are not experienced in procedures, provide instruction by manufacturer's representatives. Include a detailed review of the following items:
1. Maintenance manuals
  2. Record documents
  3. Spare parts and materials
  4. Tools
  5. Lubricants
  6. Fuels
  7. Identification systems
  8. Control sequences.
  9. Hazards: Including the following documents as required:
    - a. Asbestos Free Certificates
    - b. Lead Free Certificates
    - c. Hazardous Material Free Certificates
  10. Cleaning
  11. Warranties and bonds: One Year Warranty Letters written on contractor letter-head, and including contractor's name, address, telephone and fax numbers, contractor scope of work, emergency telephone numbers and contact names for any emergency service at all times including nights, weekends, and holidays. Contractor warranty begins on the date of substantial completion, which is the date the Texas Commission on Jail Standards certifies the building may be occupied.
  12. Maintenance agreements and similar continuing commitments.
  13. Material, safety, and data sheets for all materials utilized on the project.
  14. Provide video of training sessions for kitchen, laundry, detention and security electronics equipment maintenance and operation.
- B. As part of instruction for operating equipment, demonstrate the following procedures:
1. Start-up
  2. Shutdown
  3. Emergency operations
  4. Noise and vibration adjustments
  5. Safety procedures
  6. Economy and efficiency adjustments
  7. Effective energy utilization
- C. Pest Control: Engage an experienced exterminator to make a final inspection, and rid the Project of rodents, insects, and other pests.
- D. Removal of Protection: Remove temporary protection and facilities installed for protection of the Work during construction.

- E. Compliance: Comply with regulations of authorities having jurisdiction and safety standards for cleaning. Do not burn waste materials. Do not bury debris or excess materials on the Owner's property. Do not discharge volatile, harmful, or dangerous materials into drainage systems. Remove waste materials from the site and dispose of in a lawful manner.

**END OF SECTION**

**SECTION 017823  
OPERATION AND MAINTENANCE DATA**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: To aid the continued instruction of operating and maintenance personnel, and to provide a positive source of information regarding the products incorporated into the work, furnish and deliver the data described in this Section and in pertinent other Sections of these Specifications.
- B. Related work:
  - 1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
  - 2. Required contents of submittals also may be amplified in pertinent other Sections of these Specifications.

**1.2. QUALITY ASSURANCE**

- A. In preparing data required by this Section, use only personnel who are thoroughly trained and experienced in operation and maintenance of the described items, completely familiar with the requirements of this Section, and skilled in technical writing to the extent needed for communicating the essential data.

**1.3. SUBMITTALS**

- A. Comply with pertinent provisions of Division 1.
- B. Submit preliminary draft of the proposed Manual or Manuals to the Contractor who will forward them to the Architect for review and comments.
- C. Unless otherwise directed in other Sections or in writing by the Architect, submit the final Manual to the Contractor prior to indoctrination of operation and maintenance personnel.

**PART 2 PRODUCTS**

**2.1. INSTRUCTION MANUALS**

- A. Where instruction Manuals are required to be submitted under other Sections of these Specifications, prepare in accordance with the provisions of this Section.
- B. Format:
  - 1. Size: 8½"×11"
  - 2. Paper: White bond, at least 20 lb. weight
  - 3. Text: Neatly written or printed.
  - 4. Drawings: 11" in height preferable; bind in with text; foldout acceptable but fold to fit within the Manual and provide a drawing pocket inside rear cover or bind in with text.
  - 5. Flysheets: Separate each portion of the Manual with neatly prepared flysheets briefly describing contents of the ensuing portion; flysheets may be in color.
  - 6. Binding: Use heavy-duty plastic or fiberboard covers with binding mechanism concealed inside the Manual; 3-ring binders will be acceptable; all binding is subject to the Architect's approval.

7. Measurements: Provide all measurements in U.S. Standard units such as feet and inches, lbs. and cfm; where items may be expected to be measured within ten years in accordance with metric formulas, provide additional measurements in the "International System of Units" (SI).
- C. Provide front and back covers for each Manual, using durable material approved by the Architect, and clearly identified on or through the cover with at least the following information:

**OPERATING AND MAINTENANCE INSTRUCTIONS**

Name and Address of Work

Name of Contractor

General Subject of this Manual

- D. Contents: Include at least the following:
1. Neatly typewritten index near the front of the Manual, giving immediate information as to location within the Manual of all emergency information regarding the installation.
  2. Complete instructions regarding operation and maintenance of all equipment involved including lubrication, disassembly, and re-assembly.
  3. Complete nomenclature of all parts of all equipment.
  4. Complete nomenclature and part number of all replaceable parts, name, and address of nearest vendor, and all other data pertinent to procurement procedures.
  5. Copy of all guarantees and warranties issued.
  6. Manufacturer's bulletins, cuts, and descriptive data, where pertinent, clearly indicating the precise items included in this installation and deleting, or otherwise clearly indicating, all manufacturer's data with which this installation is not concerned.
  7. Such other data as required in pertinent Sections of these Specifications.

**PART 3 EXECUTION**

**3.1. INSTRUCTION MANUALS**

- A. Preliminary:
1. Prepare a preliminary draft of each proposed Manual.
  2. Show general arrangement, nature of contents in each portion, probable number of drawings and their size, and proposed method of binding and covering.
  3. Secure the Architect's and Contractor's approval prior to proceeding.
- B. Final: Complete the Manuals in strict accordance with the approved preliminary drafts and the Architect's and Contractor's review comments.
- C. Revisions:
1. Following the indoctrination and instruction of operation and maintenance personnel, review all proposed revisions of the Manual with the Architect and Contractor.

**END OF SECTION**

**SECTION 017839  
PROJECT RECORD DOCUMENTS**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included:
  - 1. Throughout progress of the work, maintain an accurate record of changes in the Contract Documents on a weekly basis.
  - 2. Upon completion of the work, transfer the recorded changes to a set of Record Documents and submit to Architect and Owner in electronic format.
  - 3. Architect will verify work completed on visits to site, review document mark ups and pay application content for each project meeting.
  
- B. Related work:
  - 1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
  - 2. Other requirements affecting Project Record Documents may appear in pertinent other Sections of these Specifications.

**1.2. QUALITY ASSURANCE**

- A. Delegate the responsibility for maintenance of Record Documents to one person on the Contractor's staff as approved by the Architect.
  
- B. Accuracy of records:
  - 1. Thoroughly coordinate changes within the Record Documents, making adequate and proper entries on each page of Specifications and each sheet of Drawings and other documents where such entry is required to show the change properly.
  - 2. Accuracy of records shall be such that future searches for items shown in the Contract Documents may rely reasonably on information obtained from the approved Project Record Documents.
  
- C. Make entries within 24 hours after receipt of information that the change has occurred.

**1.3. SUBMITTALS**

- A. The Architect's approval of the current status of Project Record Documents may be a prerequisite to the Architect's approval of requests for progress payment and request for final payment under the Contract. Record Documents will be examined by the Architect and Contractor at each on-site construction meeting. Subcontractors who are required to update record documents are expected to be current in their as-built requirements as a condition of payment of that month's progress payment. Failure of any subcontractor to accurately and timely update as-built drawings will result in withholding payment until the documents are in acceptable condition.

- B. Prior to submitting each request for progress payment, secure the Architect's approval of the current status of the Project Record Documents.
- C. Prior to submitting request for final payment, submit the final Project Record Documents to the Architect and secure his approval.
- D. Provide Record Documents in electronic format, one copy to the Architect and four copies to the owner.

#### **1.4. PRODUCT HANDLING**

- A. Maintain the job set of Record Documents completely protected from deterioration and from loss and damage until completion of the work and transfer of all recorded data to the final project Record Documents.
- B. In the Event of loss of recorded data, use means necessary to again secure the data to the Architect's approval.
  - 1. Such means shall include, if necessary in the opinion of the Architect, removal, and replacement of concealing materials.
  - 2. In such case, provide replacements to the standards originally required by the Contract Documents.

### **PART 2 PRODUCTS**

#### **2.1. RECORD DOCUMENTS**

- A. Job set: Promptly following receipt of the Owner's Notice to Proceed, secure from the Architect at no charge to the Contractor one complete set of all Documents comprising the Contract in electronic format.

### **PART 3 EXECUTION**

#### **3.1. MAINTENANCE OF JOB SET**

- A. Immediately upon receipt of the job set described in Paragraph 2.1-A above, identify each of the Documents with the title, "Record Documents - Job Set".
- B. Preservation:
  - 1. Considering the Contract completion time, the probable number of occasions upon which the job set must be taken out for new entries and for examination, and the conditions under which these activities will be performed, devise a suitable method for protecting the job set to the approval of the Architect.
  - 2. Do not use the job set for any purpose except entry of new data and for review by the Architect, until start of transfer of data to final Project Record Documents.
  - 3. Maintain the job set at the site of work as that site is designated by the Architect.

- C. Making entries on drawings:
  - 1. Using an erasable colored pencil (not ink or indelible pencil), clearly describe the change by graphic line and note as required.
  - 2. Date all entries.
  - 3. Call attention to the entry by a "cloud" drawn around the area or areas affected.
  - 4. In the event of overlapping changes, use different colors for the overlapping changes.
- D. Make entries in the pertinent other Documents as approved by the Architect.
- E. Conversion of schematic layouts:
  - 1. In some cases on the Drawings, arrangements of conduits, circuits, piping, ducts, and similar items, are shown schematically and are not intended to portray precise physical layout.
    - a. Final physical arrangement is determined by the Contractor, subject to the Architect's approval.
    - b. However, design of future modifications of the facility may require accurate information as to the final physical layout of items which are shown only schematically on the Drawings.
  - 2. Show on the job set of Record Drawings, by dimension accurate to within one inch, the centerline of each run of items such as are described in subparagraph 3.1-E-1 above.
    - a. Clearly identify the item by accurate note such as "cast iron drain," "galv. water," and the like.
    - b. Show, by symbol or note, the vertical location of the item ("under slab," "in ceiling plenum," "exposed," and the like).
    - c. Make all identification sufficiently descriptive that it may be related reliably to the Specifications.
  - 3. The Architect may waive the requirements for conversion of schematic layouts where, in the Architect's judgment, conversion serves no useful purpose. However, do not rely upon waivers being issued except as specifically issued in writing by the Architect.

### **3.2. FINAL PROJECT RECORD DOCUMENTS**

- A. The purpose of the final Project Record Documents is to provide factual information regarding all aspects of the work, both concealed and visible, to enable future modification of the work to proceed without length and expensive site measurement, investigation, and examination.
- B. Approval of recorded data prior to transfer:
  - 1. Following receipt of the transparencies described in Paragraph 2.1-B above and prior to start of transfer of recorded data thereto, secure the Architect's approval of all recorded data.
  - 2. Make required revisions.
- C. Transfer of data to drawings:
  - 1. Carefully transfer change data shown on the job set of Record Drawings to the corresponding transparencies coordinating the changes as required.

2. Clearly indicate at each affected detail and other Drawing a full description of changes made during construction, and the actual location of items described above.
3. Call attention to each entry by drawing a "cloud" around the area or areas affected.
4. Make changes neatly, consistently, and with the proper media to assure longevity and clear reproduction.

D. Transfer of data to other documents:

1. If the Documents other than Drawings have been kept clean during progress of the work, and if entries thereon have been orderly to the Documents other than Drawings, they will be accepted as final Record Documents.
2. If any such Document is not so approved by the Architect, secure a new copy of that Document from the Architect at the Architect's usual charge for reproduction and handling, and carefully transfer the change data to the new copy to the approval of the Architect.

E. Review and submittal:

1. Submit the completed set of Project Record Documents to the Architect as described in Paragraph 1.3-D above.
2. Participate in review meetings as required.
3. Make required changes and promptly deliver the final Project Record Documents to the Architect.

### **3.3. CHANGES SUBSEQUENT TO ACCEPTANCE**

- A. The Contractor has no responsibility for recording changes in the work subsequent to Final Completion, except for changes resulting from work performed under warranty.

**END OF SECTION**

**SECTION 041000  
MORTAR AND MASONRY GROUT**

**PART 1 GENERAL**

**1.1. SECTION INCLUDES**

- A. Mortar and grout for masonry.

**1.2. RELATED SECTIONS**

- A. Section 042000 –Masonry.

**1.3. REFERENCES**

- A. ACI 530 – Building Code Requirements for Masonry Structures.
- B. ACI 530.1 – Specifications for Masonry Structures.
- C. ASTM C5 – Quicklime for Structure Purpose.
- D. ASTM C94 – Ready-Mixed Concrete.
- E. ASTM C144 – Aggregate for Masonry Mortar.
- F. ASTM C150 – Portland Cement.
- G. ASTM C207 – Hydrated Lime for Masonry Purposes.
- H. ASTM C270 – Mortar for Unit Masonry.
- I. ASTM C387 – Packaged, Dry, Combined Materials, for Mortar and Concrete.
- J. ASTM C404 – Aggregates for Masonry Grout.
- K. ASTM C476 – Grout for Masonry.
- L. ASTM C595 – Blended Hydraulic Cement.
- M. ASTM C780 – Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry.
- N. ASTM C1019 – Method of Sampling and Testing Grout.
- O. IMIAC (International Masonry Industry All-Weather Council) – Recommended Practices and Guide Specifications for Cold Weather Masonry Construction.
- P. IMIAC (International Masonry Industry All-Weather Council) – Recommended Practices and Guide Specifications for Hot Weather Masonry Construction.

**1.4. SUBMITTALS**

- A. Include design mix; indicate whether the Proportion or Property specification of ASTM C270 is to be used, required environmental conditions, and admixture limitations.

B. Reports: Submit reports on mortar indicating conformance of mortar to property requirements of ASTM C270 component mortar materials to requirements of ASTM C270 and test and evaluation reports to ASTM C780.

C. Reports: Submit reports on grout indicating conformance of component grout materials to requirements of ASTM C476 and test and evaluation reports to ASTM C1019.

### **1.5. QUALITY ASSURANCE**

A. Perform Work in accordance with ACI 530 and ACI 530.1.

### **1.6. DELIVERY, STORAGE, AND HANDLING**

A. Maintain packaged materials clean, dry, and protected against dampness, freezing, and foreign matter.

### **1.7. ENVIRONMENTAL REQUIREMENTS**

A. Maintain materials and surrounding air temperature to minimum 40, 50 degrees F (5, 10 degrees C) prior to, during, and 48 hours after completion of masonry work.

B. Cold Weather Requirements: IMIAC – Recommended Practices and Guide Specifications for Cold Weather Masonry Construction.

C. Maintain materials and surrounding air temperature to maximum 90 degrees F (32 degrees C) prior to, during, and 48 hours after completion of masonry work.

D. Hot Weather Requirements: IMIAC – Recommended Practices and Guide specifications for Hot Weather Masonry Construction.

## **PART 2 PRODUCTS**

### **2.1. MATERIALS**

A. Premix Mortar: ASTM C387, Type M, using gray color cement.

B. Hydrated Lime: ASTM C207, Type S, SA, N, NA.

C. Grout Course Aggregate: Maximum 3/8 inch (10 mm) size.

D. Grout Fine Aggregate: sand.

E. Water: Clean and potable.

### **2.2. MORTAR MIXES**

A. Mortar For Load Bearing Walls and Partitions: ASTM C270, Type M or S using the Property specification.

### **2.3. MORTAR MIXING**

A. Thoroughly mix mortar ingredients in accordance with ASTM C270 in quantities needed for immediate use.

- B. Maintain sand uniformly damp immediately before the mixing process.
- C. Do not use anti-freeze compounds to lower the freezing point of mortar.
- D. If water is lost by evaporation, re-temper only within two hours of mixing.
- E. Use mortar within two hours after mixing at temperatures of 90 degrees F (32 degrees C), or two-and-one-half hours at temperatures under 40 degrees F (5 degrees C).

#### **2.4. GROUT MIXES**

- A. Bond Beams, Lintels and Wall Fill: 2,500 psi (21 MPa) strength at 28 days; 8-10 inches (200-250 mm) slump; mixed in accordance with ASTM C476 Course grout.

#### **2.5. GROUT MIXING**

- A. Thoroughly mix grout ingredients in quantities needed for immediate use in accordance with ASTM C476 Course grout.
- B. Add admixtures in accordance with manufacturer's instructions; mix uniformly.
- C. Do not use anti-freeze compounds to lower the freezing point of grout.

#### **2.6. IX TESTS**

- A. Testing of Mortar Mix: In accordance with ASTM C270.
- B. Testing of Grout Mix: In accordance with ASTM C1019 for compressive strength, and slump.

### **PART 3 EXECUTION**

#### **3.1. INSTALLATION**

- A. Install mortar and grout in accordance with manufacturer's instructions.
- B. Work grout into masonry cores and cavities to eliminate voids.
- C. Do not install grout in lifts greater than 48 inches (400 mm) without consolidating grout by rodding. Contractor shall verify proper grout fill and consolidation is provided prior to mason making the next lift required. This procedure must continue until the grout fill is complete.
- D. Do not displace reinforcement while placing grout.
- E. Remove excess mortar from grout spaces.

**END OF SECTION**

**SECTION 042000  
MASONRY**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work: Furnish and erect all concrete masonry unit (CMU) walls as indicated on the drawings, including the following:
1. Special shapes such as bond beams, lintels, sills shall be provided.
  2. Field inspection by Owner's independent testing agency.

**1.2. RELATED SECTIONS**

- A. Section 041000 Mortar and Masonry Grout.

**1.3. QUALITY ASSURANCE**

- A. Laboratory, Shop, and Field inspection
1. The erection of CMU walls shall be subject to inspection at the site of the work by a recognized independent testing agency employed and paid by the Owner.

**1.4. SUBMITTALS**

- A. Submit certification to the Architect that concrete masonry units, mortar, and grout materials conform to contract requirements.

**PART 2 PRODUCTS**

**2.1. MATERIALS**

- A. Concrete Masonry Units:
1. Load bearing and non-load bearing walls
    - a. All concrete masonry units shall conform to the strength, weight, grade, and type indicated on the drawings or in these specifications.
    - b. Special shapes such as bond beams, lintels, and horizontal banding shall be provided.
    - c. Hollow Load Bearing and Non-Load Bearing Block Units (CMU): ASTM C90, Type I - Moisture Controlled lightweight. Nominal sizes 6×8×16 and 8×8×16.
    - d. Special Shapes: Provide where required for bond beams, lintels, corners, jambs, sash, control joints, headers, horizontal banding, and other special conditions. All outside corners, door and window jambs, windowsills (except exterior windowsills), and exposed edges shall be a bull nose shaped unit.

**B. Mortar and Grout Materials:**

1. Portland Cement: ASTM C150, Type I.
2. Lime: ASTM C207, Type "S".
3. Sand: ASTM C144, clean, sharp, uniformly graded.
4. Coarse aggregate: ASTM C404, clean, uncoated.
5. Water: Potable.
6. Waterproofing Admixture: FS C-181B
7. Masonry cements or pre-mixed mortars will positively not be allowed.

**C. Accessories:**

1. Horizontal Joint Reinforcement: Dur-O-Wal or equal, wire reinforcing with No. 9 gauge side and cross rods, spaced at 16" o.c. unless otherwise required by the structural drawings. Provide anchorage to concrete columns.
2. Vertical Reinforcing: ASTM A615, Grade 60.
3. Cleaning Compound: "Sure Kleen" manufactured by Prosoco, Inc. or equal.

**2.2. STORAGE AND HANDLING**

- A. Deliver, store, handle, and install concrete masonry units and accessories so as not to damage. Store off ground.

**2.3. FABRICATION**

No additional requirements.

**PART 3 EXECUTION**

**3.1. GENERAL**

- A. All recommendations of the National Concrete Masonry Association shall be followed in regards to workmanship, cold weather procedures, flashing, level and plumb tolerances, etc.
- B. All material such as nailers, bolts, ties, plates, anchors, or flashing shall be coordinated and scheduled with other trades.
- C. Exposed surfaces shall be free of cracks, chips, surface damage, or broken units.
- D. Provide vertical joints as noted on architectural and structural drawings, and at all door, window, and wall opening heads. If not shown on the drawings, wall joints shall be spaced no greater than 20'-0" o.c. Confirm requirements and locations of all vertical control joints prior to start of masonry work.

**3.2. MORTAR AND MASONRY GROUT**

- A. Refer to Section 041000 Mortar and Masonry Grout.

**3.3. BLOCK**

- A. Lay level, true to line and plumb, with uniform 3/8" joints. Pattern shall be running bond.

- B. Horizontal joint reinforcing shall be placed continuous in every other course, at topmost course, and in first 2 courses above and below openings.
- C. Tool exposed joints to slightly concave surface, smooth and dense.
- D. Provide clean-outs at the bottom of each cell for each lift of grout for every cell to be grouted. Lifts shall not exceed 4'-0" in height unless approved by Architect.
- E. Grouted cells must be filled solid with no voids. It is the responsibility of the masonry contractor to verify that there are no voids prior to continuing the work. Due to the nature of this project, voids are unacceptable. If voids are discovered, masonry contractor must rectify the situation immediately to the satisfaction of the General Contractor, Owner and the Architect without delaying the project.

### **3.4. CLEANING**

- A. Clean mortar droppings from grade beams, floor slab, walls, sills, etc., prior to hardening.
- B. Brush or scrape exposed surfaces free of dirt, excess mortar and other foreign material.
- C. Clean with specified cleaner used in accordance with manufacturer's directions.

### **3.5. CLEAN UP**

- A. Clean up all debris caused by the work of this section, keeping the premises clean and neat at all times.

### **3.6. FIELD QUALITY CONTROL**

- A. General: Construction will be inspected throughout the various stages of the work by the Architect. Mason shall not install chipped, cracked or damaged masonry units. If chipped, cracked or damaged masonry units are installed, mason will remove the units noted and replace.
- B. Notify the Architect and the Owner's testing agency at least 72 hours in advance, excluding Saturday and Sunday, before laying block.
- C. Independent Testing: Field inspection and testing shall be conducted by an Independent Testing Laboratory selected by the Owner. Owner will pay cost of tests showing satisfactory results. The Independent Testing Laboratory shall perform the following:
  - 1. Design stresses have been adjusted to permit non-continuous inspection.
  - 2. Continuous inspection is required.
  - 3. Mortar and grout compressive strength in accordance with ASTM C270, C476 & C91. One set of three 2-inch test cubes each shall be taken from the mortar and grout placed in any day or for each 5000 square feet of wall area placed. Reports of compressive strength tests shall contain the project name, identification number, date of sampling, name of contractor, name of testing laboratory, whether mortar or grout, location of batch in structure, design compressive strength at 28 days, compressive breaking strength for 7-day and 28-day tests.

4. At the time that testing laboratory takes the test cubes, the testing laboratory shall randomly inspect the following:
  - a. Placement of vertical reinforcement.
  - b. Grout space immediately prior to closing of clean-outs.
  - c. Grouting operation.

**3.7. WARRANTY/GUARANTEE**

- A. Contractor shall be responsible for additional work as may be required to correct work, which does not conform to specified requirements, including strength, tolerances, and finishes.

**END OF SECTION**

**SECTION 064100  
ARCHITECTURAL WOODWORK**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: Provide architectural woodwork where shown on the drawings, as specified herein, and as needed for a complete and proper installation.
- B. Details shown on the architectural drawings are intended to show the general requirements and are not meant to be all encompassing. Fabricator shall be responsible for fully detailing and supplying complete woodwork systems.

**1.2. RELATED SECTIONS**

- A. Section 123100 Manufactured Metal Casework.

**1.3. QUALITY ASSURANCE**

- A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.
- B. Codes and standards:
  - 1. In addition to complying with pertinent codes and regulations of governmental agencies having jurisdiction, comply with "Quality Standards" of the Architectural Woodwork Institute for the grades specified.
  - 2. AWI certification and stamps will not be required.

**PART 2 PRODUCTS**

**2.1. GENERAL**

- A. Fabricate architectural woodwork to "premium grade" standards of the Architectural Woodwork Institute.
  - 1. AWI Section 400: Architectural cabinets.

**2.2. STAINLESS STEEL COUNTERTOPS**

- A. Provide non-particle board plywood, 3/4".
- B. Support brackets: Provide metal support brackets for countertop support as shown on the drawings. Brackets shall be sized to fully support the countertop while minimizing intrusion into the under counter knee space.

## **PART 3 EXECUTION**

### **3.1. SURFACE CONDITIONS**

- A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.

### **3.2. FIELD MEASUREMENTS**

- A. Fabricate the work of this Section in strict accordance with the approved Shop Drawings and the referenced standards.

### **3.3. INSTALLATION**

- A. Install the work of this Section in strict accordance with the approved Shop Drawings and the referenced standards, anchoring all items firmly into position.

**END OF SECTION**

**SECTION 079200  
JOINT SEALANTS**

**PART 1 – GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

**1.2 SUMMARY**

- A. This section includes joint sealants for the following locations:
1. Interior joints in vertical surfaces and horizontal non-traffic surfaces as indicated below:
    - a. Vertical control joints on exposed surfaces of interior unit masonry and concrete walls and partitions.
    - b. Perimeter joints between interior wall surfaces and frames of interior doors, windows, casework, and countertops.
    - c. Other joints as indicated or required.

**1.3 SYSTEM PERFORMANCE REQUIREMENTS**

- A. Provide elastomeric joint sealants that have been produced and installed to establish and to maintain watertight and airtight continuous seals without causing staining or deterioration of joint substrates.
- B. Provide joint sealants for interior applications that have been produced and installed to establish and maintain airtight continuous seals that are water resistant and cause no staining or deterioration of joint substrates.

**1.4 QUALITY ASSURANCE**

- A. Installer Qualifications: Engage an experienced Installer who has completed joint sealant applications similar in material, design and extent to that indicated for Project that have resulted in construction with a record of successful in-service performance.
- B. Single Source Responsibility for Joint Sealant Materials: Obtain joint sealant materials from a single manufacturer for each different product required.
- C. Preconstruction Compatibility and Adhesion Testing: Submit to joint sealant manufacturer(s) samples of materials that will contact or affect joint sealants for compatibility and adhesion testing.

**1.5 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials to Project site in original unopened containers or bundles with labels indicating manufacturer, product name and designation, color, expiration period for use, pot life, curing time, and mixing instruction for multi-component materials.

- B. Store and handle materials in compliance with manufacturer's recommendations to prevent their deterioration or damage due to moisture, high or low temperatures, contaminants, or other causes.

## **1.6 PROJECT CONDITIONS**

- A. Environmental Conditions: Do not proceed with installation of joint sealants under the following conditions:
  - 1. When ambient and substrate temperature conditions are outside the limits permitted by joint sealant manufacturer or below 40°F.
  - 2. When joint substrates are wet.
- B. Joint Width Conditions: Do not proceed with installation of joint sealants where joint widths are less than allowed by joint sealant manufacturer for application indicated.
- C. Joint Substrate Conditions: Do not proceed with installation of joint sealants until contaminants capable of interfering with their adhesion are removed from joint substrates.

## **PART 2 – PRODUCTS**

### **2.1 MATERIALS, GENERAL**

- A. Compatibility: Provide joint sealants, joint fillers, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer based on testing and field experience.
- B. Colors: Provide color of exposed joint sealants to comply with the following:
  - 1. Provide selections made by Architect from manufacturer's full range of colors for products of type indicated.

### **2.2 ELASTOMERIC JOINT SEALANTS**

- A. Elastomeric Sealant Standard: Provide manufacturer's standard chemically curing elastomeric sealants that comply with ASTM C 920 and other requirements indicated on each Elastomeric Joint Sealant Data Sheet at end of this Section, including those requirements referencing ASTM C 920 classifications for Type, Grade, Class, and Uses.
  - 1. Additional Movement Capability: Where additional movement capability is specified in Elastomeric Joint Sealant Data Sheet, provide products with the capability, when tested for adhesion and cohesion under maximum cyclic movement per ASTM C 719, to withstand the specified percentage change in the joint width existing at time of installation and remain in compliance with other requirements of ASTM C 920 for Uses indicated.
- B. Products: Subject to compliance with requirements, provide one of the products specified in each Elastomeric Joint Sealant Data Sheet.

## 2.3 LATEX JOINT SEALANTS

- A. General: Provide manufacturer's standard one-part, non-sag, mildew-resistant, paintable latex sealant of formulation indicated that is recommended for exposed applications on interior locations and that accommodates indicated percentage change in joint width existing at time of installation without failing either adhesively or cohesively.
- B. Acrylic-Emulsion Sealant: Provide product complying with ASTM C 834 that accommodates joint movement of not more than 5 percent in both extension and compression for a total of 10 percent.
- C. Silicone Emulsion Sealant: Provide product complying with ASTM C 834 and, except for weight loss measured per ASTM C 792, with ASTM C 920 that accommodates joint movement of not more than 25 percent in both extension and compression for a total of 50 percent.
- D. Multi-Part Non-sag Urethane Sealant for Use NT: Type M, Grade NS, Class 25, and complying with the following requirements for Uses:
- E. Products: Subject to compliance with requirements, provide one of the following:
  - 1. Acrylic-Emulsion Sealant:
    - a. "AC-20", Pecora Corp.
    - b. "Sonolac", Sonneborn Building Products Div., ChemRex, Inc.
    - c. "Tremco Acrylic Latex 834", Tremco, Inc.
  - 2. Silicone-Emulsion Sealant:
    - a. "Trade Mate Paintable Glazing Sealant", Dow Corning Corp.
  - 3. Multi-Part Nonsag Urethane Sealant for Use NT:
    - a. "Chem-Caulk 500", Bostik Construction Products Division
    - b. "Vulkem 227", Mameco International, Inc.
    - c. "Vulkem 922", Mameco International, Inc.
    - d. "Dualthane", W.R. Meadows
    - e. "Duynatrol II", Pecora Corporation
    - f. "Permapol RC-2", Products Research and Chemical Corporation
    - g. "SikaFlex-2c NC", Sonneborn Building Products Division, Rexnord Chemical Products, Inc.
    - h. "Dymeric", Tremco, Inc.

## 2.4 JOINT SEALANT BACKING

- A. General: Provide sealant backings of material and type that are non-staining; are compatible with joint substrates, sealants, primers and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.
- B. Plastic Foam Joint Fillers: Performed, compressible, resilient, non-staining, non-waxing, non-extruding strips of flexible plastic foam of material indicated below and of size, shape, and density to control sealant depth and otherwise contribute to producing optimum sealant performance.

1. Closed-cell polyethylene foam, nonabsorbent to liquid water and gas, non-outgassing in un-ruptured state.
  2. Proprietary, reticulated, closed-cell polymeric foam, non-outgassing, with a density of 2.5 pcf (40 kg/cu.m.) and tensile strength of 35 psi (240 kPa) per ASTM D 1623, and with water absorption less than 0.02 g/cc per ASTM C 1083.
- C. Bond-Breaker Tape: Polyethylene tape or other plastic tape as recommended by sealant manufacturer for preventing sealant from adhering to rigid, inflexible joint filler materials or joint surfaces at back of joint where such adhesion would result in sealant failure. Provide self-adhesive tape where applicable.

## **2.5 MISCELLANEOUS MATERIALS**

- A. Primer: Material recommended by joint sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint sealant-substrate tests and field tests.
- B. Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing material, free of oily residues or other substances capable of staining or harming in any way joint substrates and adjacent nonporous surfaces, and formulated to promote optimum adhesion of sealants with joint substrates.
- C. Masking Tape: Non-staining, nonabsorbent material compatible with joint sealants and surfaces adjacent to joints.

## **2.6 DETENTION SECURITY SEALANT**

- A. One or two part, tamper resistant polyurethane sealant to be used for all sealant and caulk locations inside the security perimeter to include floor, wall, and ceiling control joints, and jointing around dissimilar materials. Do not install Detention Security Sealant in expansion joints.
1. Pecora "Dynaflex SC" at all locations inside the security perimeter.

# **PART 3 – EXECUTION**

## **3.1 EXAMINATION**

- A. Examine joints indicated to receive joint sealants, with Installer present, for compliance with requirements for joint configuration, installation tolerances, and other conditions affecting joint sealant performance. Do not proceed with installation of joint sealants until unsatisfactory conditions have been corrected.

## **3.2 PREPARATION**

- A. Surface Cleaning Joints: Clean out joints immediately before installing joint sealants to comply with recommendations of joint sealant manufacturer.
- B. Joint Priming: Prime joint substrates where indicated or where recommended by joint sealant manufacturer based on preconstruction joint sealant-substrate tests or prior

experience. Apply primer to comply with joint sealant manufacturer's recommendations. Confine primers to areas of joint sealant bond; do not allow spillage or migration onto adjoining surfaces.

- C. Masking Tape: Use masking tape where required to prevent contact of sealant with adjoining surfaces that otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove sealant smears. Remove tape immediately after tooling without disturbing joint seal.

### **3.3 INSTALLATION OF JOINT SEALANTS**

- A. General: Comply with joint sealant manufacturer's printed installation instruction applicable to products and applications indicated, except where more stringent requirements apply.
- B. Installation of Sealant Backings: Install sealant backings to comply with the following requirements:
  - 1. Install joint fillers of type indicated to provide support of sealants during application and at position required to produce the cross-sectional shapes and depths of installed sealants relative to joint widths that allow optimum sealant movement capability.
    - a. Do not leave gaps between ends of joint fillers.
    - b. Do not stretch, twist, puncture, or tear joint fillers.
    - c. Remove absorbent joint fillers that have become wet prior to sealant application and replace with dry material.
  - 2. Install bond breaker tape between sealants where backer rods are not used between sealants and joint fillers or back of joints.
- C. Installation of Sealants: Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability. Install sealants at the same time sealant backings are installed.
- D. Tooling of Non-sag Sealants: Immediately after sealant application and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated, to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents that discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.
  - 1. Provide concave joint configuration per Figure 5A in ASTM C 1193, unless otherwise indicated.
    - a. Use masking tape to protect adjacent surfaces of recessed tolled joints.

### **3.4 CLEANING**

- A. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealants and of products in which joints occur.

### 3.5 PROTECTION

- A. Protect joint sealants during and after curing period from contact with contaminating substances or from damage resulting from construction operations or other causes so that they are without deterioration or damage at time of Substantial Completion. If, despite such protection, damage or deterioration occurs, cut out and remove damaged or deteriorated joint sealants immediately so that and installations with repaired areas are indistinguishable from original work.

### 3.6 JOINT SEALANT SCHEDULE

<u>Joint Sealers</u>	<u>Location Where Sealant is Applied</u>
Multi-Part Non-Sag Urethane Sealant NT	Interior joints in vertical and horizontal surfaces of concrete; between metal and concrete, mortar, and masonry.
One-Part Neutral Cure Silicone Sealant	Interior joints in vertical and horizontal surfaces of concrete and masonry; between metal and concrete, or mortar.
Acrylic-Emulsion Sealant	Interior joints in field-painted vertical and overhead surfaces at perimeter of hollow metal door frames; in concrete masonry; and all other interior joints not accessible to inmates (attorney side of visitation).
Detention Security Sealant	At all locations requiring caulking or sealant within the security perimeter of the facility. Do not install detention security sealant in expansion joints.

**END OF SECTION**

**SECTION 081113  
STANDARD HOLLOW METAL DOORS AND FRAMES**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: Provide hollow metal doors, and metal door frames, which are not specifically described in other sections of these Specifications, where shown on the Drawings, as specified herein, and as needed for a complete and proper installation. Fully welded hollow metal frames shall be utilized for all standard doors within the secure perimeter.

**1.2. QUALITY CONTROL**

- A. Galvaneal materials shall conform to ASTM A653 / A653M-95 and ASTM A924 / A924M-95.

**PART 2 PRODUCTS**

**2.1. METAL DOORS**

- A. Type and design: Provide full-flush and full glass design, in dimensions and types shown on the Drawings, labeled or non-labeled as indicated on the Door Schedule, in 18 gage metal unless scheduled otherwise, properly reinforced for the finish hardware described in Division 8 of these Specifications.
- B. Finish: Pre-clean and shop prime each door for finish painting which will be performed at the job site under Division 9 of these Specifications.
- C. Exterior Doors: Form exterior doors and components from galvaneal steel.
- D. Acceptable products: Standard products of the Steelcraft manufacturing Company, Amweld Division of American Welding and Manufacturing Company, Ceco Corporation.

**2.2. METAL FRAMES**

- A. Type and design: Provide door and window frames of the types and dimensions shown on the Drawings, labeled or non-labeled as indicated on the Door/Window Schedule, in 16 gage metal unless scheduled otherwise, properly reinforced for the finish hardware described in Division 8 of these Specifications.
1. Schedule and size frames according to wall type conditions.
- B. Finish: Pre-clean and shop prime each frame for finish painting which will be performed at the job site under Division 9 of these Specifications.
- C. Exterior Frames: Form exterior frames and components from galvaneal steel.

### **2.3. FINISH HARDWARE**

- A. Secure templates from the finish hardware supplier, and accurately install, or make provision for, all finish hardware at the factory.

## **PART 3 EXECUTION**

### **3.1. SURFACE CONDITIONS**

- A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.
- B. Materials of galvaneal shall receive one coat of primer appropriate for galvaneal materials prior to shipment.

### **3.2. INSTALLATION**

- A. Placing frames:
  - 1. Where practical, place frames prior to construction of enclosing walls and ceiling.
  - 2. Set frames accurately into position, plumbed, aligned, and braced securely until permanent anchors are set.
  - 3. After wall construction is completed, remove temporary braces and spreaders leaving surfaces smooth and undamaged.
  - 4. At in-place construction, set frames and secure to adjacent construction with machine screws and suitable anchorage devices. Provide "z" fillers at each screw location.
  - 5. When installed in prepared openings in concrete or masonry construction, provide sealant between frame and concrete or masonry in accordance with provisions of Division 7 of these Specifications.

### **3.3. ADJUST AND CLEAN**

- A. Final adjustments:
  - 1. Check and readjust operating finish hardware items in hollow metal work just prior to final inspection.
  - 2. Leave work in complete and proper operating condition.
  - 3. Remove defective work and replace with work complying with the specified requirements.
- B. Immediately after erection, sand smooth all rusted and damaged areas of prime coat, and apply touchup of compatible air-drying primer.

**END OF SECTION**

**SECTION 083463  
DETENTION DOORS AND FRAMES**

**PART 1 - GENERAL**

**1.1 SCOPE OF WORK:**

- A. All labor, material, equipment, and incidentals required to manufacture detention hollow metal as indicated in the contract drawings.

**1.2 SUBMITTALS**

- A. Shop Drawings: Manufacturer shall provide shop drawings for review and approval, which include at least the following:

1. Door and frame elevations and sections
2. Schedule of openings including dimensions, gauges, anchors and label requirements.
3. Manufacturers standard instructions for frame installation and for material handling and storage.
4. Location and detail of openings in frames or doors.
5. Glazing types and stops
6. When a fire resistance classification is shown or scheduled for steel doors or frames provide fire rated doors with recognized testing laboratory labels affixed. During the submittal process, identify openings that may not receive labels due to hardware, dimensional or other limitations. For such openings, provide certification that the door and frame components have been constructed in accordance with the requirements of the testing laboratory.

- B. Testing and performance: Doors and frames shall meet the following minimum test standards. Compliance with test requirements shall be certified by reports of independent testing agencies. Test reports shall indicate the construction of the samples tested with sufficient particularity that construction can be verified.

1. Static Load Test: This test is intended to verify the integrity of the door construction system employed by the manufacturer. With a 36" by 84" door panel supported by both ends, and load applied equally one fourth of the distance from each end, the test panel shall deflect not more than 0.58" at the center and shall rebound to not more than 0.10" when load is removed.

Door Gauge	12	14
Test Load	14,000#	11,000#

2. Rack Load Test: This test simulates a prying attack on a corner of the door. A 36" by 84" test panel is rigidly restrained at one end. A third corner is simply supported. Loads are applied and deflections measured at the fourth corner. Under the following loads, deflection shall not exceed the amounts shown.

Door Gauge	12	14
Test Load	7,500#	5,500#

3. Door Impact Test: This test simulates a battering attack on a door and frame assembly, using impact of 200 foot pounds applied to the stop side of the door by

a steel pendulum having a 4 square inch hitting surface. 12 and 14 gauge doors shall be secured with a Airteq 9080 lock installed in a door pocket. 16 gauge doors shall be secured with a Folger Adam 2" narrow jamb lock mounted in the frame jamb. Door shall remain closed during testing and shall be fully operable following the test.

Door Gauge	12	14
Hits (6" from bolt)	600	200
Hits (6" each hinge)	200	75

4. Removable Glass Stop Testing: Prepare a 12 gauge test window frame of 28" by 33" glass opening, and glaze it with a 3/8" steel plate. Security screws used and screw spacing shall be the manufacturer's standards. Subject the test frame to 400 impacts of 200 foot pounds each on the steel glazing panel within 6" of a single corner. Stops must remain in place, and not more than one screw may be broken upon completion.

### 1.3 QUALITY ASSURANCE

- A. Materials covered by this section shall be supplied only by manufacturers having at least five (10) years of experience supplying detention grade hollow metal.
- B. The following suppliers are approved:
  1. Trussbilt
  2. Clayborn Manufacturing Co.
  3. American Steel Products
  4. Titan Security
- C. Others seeking approval as a Hollow Metal Supplier are to make substitution requests in accordance with the requirements of the Contract, and which include the following:
  1. Submit evidence that firm has a minimum of ten (10) years of experience in successfully completing projects of equal scope and magnitude with products as specified herein.  
Such evidence shall consist of a list of not less than five (5) projects which have been in actual and satisfactory use for not less than five (5) years. Provide a list of contacts at each facility, addresses and phone numbers
  2. Provide a list of all projects in the past five (5) years in which the proposed firm has been involved in litigation with a city, county, state or federal government agency and the status thereof.
  3. Furnish frame corners sections of door and window frame for review. Provide 2-12" corner, sample frames.
  4. Submit copies of welder's certification for all personnel who will perform services on this project.
  5. Submit a full size corner sample of each type door and frame showing door construction, face stiffening, insulation, and top hinge reinforcements; details of each type of door and frame, performance data in accordance with performance tests specified below.

6. Submit a statement letter from the Surety Company stating that a 100% Payment and Performance Bond will be supplied if selected as the successful Hollow Metal Assembly Supplier
  7. Submit an independent testing laboratory report certifying all doors, door frames and window frames meet minimum ASTM Grade 1 performance.
- D. Requests for approval by other manufacturers shall be considered only from competent and reputable firms who specialize in this particular branch of work and who can demonstrate to the satisfaction of the Architect, General Contractor and Owner that they are fully capable of completing detention hollow metal work in accordance with requirements. Architect reserves the right to consider each request on its own merits and to reject any or all requests which are not in the Owner's best interests. The Architect's decision shall be final and incontestable. Any supplier accepted under this provision will be notified prior to bid. Bids received from others not named or so accepted will be unresponsive and will not be accepted.

#### **1.4 WARRANTY**

- A. Products supplied under this section shall be warranted by the manufacturer to be free of defects in material or workmanship for a period of one year from substantial completion.

### **PART 2 - PRODUCTS**

#### **2.1 MATERIALS**

- A. Doors and frames shall be constructed using new, commercial quality hot or cold rolled steel, or stainless steel as identified in the architectural drawings. Steel used shall be in conformity with current ASTM standards.

#### **2.2 GLASS MOLDINGS**

- A. Where specified or indicated on drawings, doors and frames shall be supplied with removable glass moldings. These shall be formed steel angles of 10 gauge minimum. Where dimensional restrictions preclude use of an angle, offset surface mounted stops may be used. All stops shall have tightly fitted butted or mitered corners and shall be secured with 1/4" - 20 torx head security screws no more than 8" on center.

#### **2.3 DOOR CONSTRUCTION**

- A. General: All door face sheets shall be 12 gauge unless specified differently. Manufacturer's door reinforcements and fabrication techniques shall be consistent with, or more substantial than, the construction employed in doors tested to demonstrate compliance with the performance requirements herein.
- B. Specific Additional Reinforcement: The following reinforcement requirements shall also be met:

1. Doors shall be internally reinforced with one of the following systems:
  - a. Continuous steel truss design core material, 28 gauge minimum, having truncated triangular sections extending continuously from one door face to the other, spotwelded to each face 2-3/4" oc horizontally and 3" oc vertically. Core material to extend full height and width of door.
  - b. Rolled or formed 1/8" steel channels extending from top to bottom of door and continuous from one door face to the other, spaced not more than 4" oc and spotwelded to door faces not more than 3" oc vertically.
  - c. Continuous vertical hat sections, one such hat section welded to each face of the door, 16 gauge minimum, with vertical webs no more than 4" apart, spotwelded to faces no more than 3" oc vertically. Hat sections shall be welded to each other at least every 6" oc both sides in order to prevent door separation. The vertical edges shall be reinforced by a continuous steel channel, not less than 10 gauge thickness extending the full height of the door. Channel which is notched or broken at the hinge mortises shall not be acceptable.
2. Door face sheet shall be joined at their vertical edges by a continuous weld extending the full height of the door. Intermittent welds with filler will not be acceptable.
3. Top and bottom of the door shall be closed with a 14 gauge formed channel. Top and bottom closing channels shall be welded to the edge reinforcing. Top and bottom of doors shall be finished flush with inverted channels of not less than 14 gauge.
4. Hinge reinforcements shall be minimum 3/16" thick of the size and shape utilized in testing. They shall be projection welded to the door edge, and after installation additionally electrically spot welded to the door edge. In addition, a backup channel stiffener of not less than 14 gauge shall be welded to each hinge reinforcing and to each door face, to prevent rocking failure of the hinge reinforcing.
5. Swing door edges shall be beveled 1/8 in 2". Sliding doors shall have square edges.
6. Hardware Preparation - Doors shall be reinforced, drilled, tapped and prepared for templated mortised hardware only, in accordance with a final approved hardware schedule and templates provided by the hardware supplier. Where surface hardware is to be applied, doors shall be reinforced only. Reinforcing dimension shall be as follows:
  - a. Surface Mounted Hinges - Minimum 3/8" reinforcing
  - b. Mortised Hinges and Pivots - 3/16"
  - c. Internal Reinforcing for Other Hardware - 12 ga
7. Speakers - Speaking devices shall consist of a rectangular pattern of round holes, not exceeding 1/4" in diameter in both face sheets. The hole pattern shall be at least 4" by 5". The space between the hole patterns shall be baffled with steel sections of not less than 18 gauge so that objects cannot be passed through the door.
8. Food Pass Openings
  - a. The food pass opening shall be a flush opening fabricated using 10 gauge interior channels securely welded to the inside of both face sheets. Reinforcing for food pass hinges shall be 10 gauge channel. The clear

opening shall be 4-1/2" x 15" minimum. The four corner seams shall be continuously arc welded. The finished opening shall be of such construction that it cannot be dismantled or otherwise affected by tampering or scraping.

- b. The food pass shutter shall be constructed from two 10 gauge steel plates. The overall shutter size shall overlap the opening by 1/2" minimum on all sides. Food pass shutter hinges shall be as specified in Section 087163 Detention Door Hardware. PIANO HINGES ARE NOT ACCEPTABLE.
  - c. The shutters shall be chemically treated for maximum paint adhesion and primed.
- 9. Shutter – For observation panel and/or speaking device shall be equal to Southern Steel Company #265 constructed of 10 gauge steel, hung on two (2) heavy-duty 2" hinges. Provide steel knob pull and four-way catch. PIANO HINGES ARE NOT ACCEPTABLE.
  - 10. Observation Panels – Shall be glazed as scheduled.
  - 11. Recessed door pulls shall be integral with the door and provided by the door manufacturer.
- C. Doors shall have the Architect's mark number permanently stamped on the center hinge reinforcement for swing doors and on the top for sliding doors.
  - D. Field Examination: If directed by the architect, the erector shall destroy a randomly selected security hollow metal door by sawing it in half. When examination discloses door construction at variance with the details shown in performance test reports, the door manufacturer shall replace all non-conforming doors shipped to the project with doors constructed in conformance with specification requirements. Under conditions of non-conformity, the door manufacturer shall pay for the destroyed door and related labor. When examination proves that the door construction is consistent with specification requirements, the owner will pay to replace the destroyed door and related labor.
  - E. All exterior doors to be galvaneal coated.

## **2.4 FRAME CONSTRUCTION**

- A. General: All frames shall be 12 gauge for applications with detention doors. All frames shall be formed of hot or cold rolled steel produced in accordance with ASTM standards. Frames scheduled as galvanized shall be in accordance with ASTM standards. Frames shall be straight, neat in appearance, and free of warpage and buckling. All frame joints shall be welded, except where overall size of frame precludes shipment, in which case appropriate splices shall be provided for field erection by others. Following fabrication, welded areas of galvanized frames shall be re-sprayed with a cold galvanizing product complying with ASTM Standards.
- B. Frame Details
  - 1. Jamb, head and sill profiles shall be as scheduled or shown in architectural drawings. Stop height for frames shall be 1-1/4" for glass openings and 3/4" for door openings.

2. Corner joints shall have all contact edges closed tight with faces mitered and stops butted or mitered. Corner joints shall be continuously welded and the use of gussets or splice plates is unacceptable.
3. Frames for multiple openings shall have mullion members which are closed tubular shapes conforming to profiles shown on drawings and which have no visible seams or joints. All joints between faces of abutted members shall be continuously welded and finished smooth.
4. Frames shall have the architect's door number permanently stamped in the center hinge reinforcement. Where frames do not receive hinge preparation, number shall be stamped in a prominent location, where it will not be visible after installation.
5. Frames shall be mortised, reinforced, drilled and tapped for all templated mortised hardware only, in accordance with the final approved hardware schedule and templates provided by the hardware manufacturer. Where surface mounted hardware is to be applied, frames shall be drilled and tapped for all security hardware, unless otherwise noted herein.
6. Mortised hinge and pivot reinforcement shall be a minimum of 3/16" thick, 1-1/2" wide and 9" long. Reinforcements shall be projection welded to the frame and shall be MIG welded to the frame at top and bottom of each reinforcing. The top hinge shall be additionally reinforced with a 3/16" thick formed angle welded both to the hinge reinforcing and frame face.
7. Drilling and tapping of frames for surface mounted hinges shall be by field erector, after door is fitted plumb and true into frame.
8. Other Reinforcements: The following applications shall be reinforced as indicated:
 

Lock Bolt Opening Backup	12 gauge minimum
Surface Mount Closers	12 gauge minimum
Concealed Closers	3/16" minimum
Strike Mounting Clips	3/16" minimum
9. Floor clips shall be provided of gauge at least as great as the frame gauge and shall be welded in place at the bottom of each jamb. They shall have two holes for anchoring to floor. If so scheduled, adjustable floor clips shall be provided.
10. Frames shall be caulked in order to limit leakage of grout into frame openings.
11. Removable glass stops minimum 10 gauge x 1" for frames.
12. Glass stop screws 1/4-20 button head torx with grout protection on inside throat of frame and mullion section.

C. Jamb Anchors

1. Masonry - Provide a minimum of three (3) non-removable floating masonry anchors for each jamb mounted in masonry up to 84" in length. Anchors shall have holes in them permitting insertion of reinforcing bars. For longer jambs, provide sufficient anchors to permit maximum spacing of 24". Where dictated by fire rating testing laboratory procedures, supply anchors complying with such requirements.
2. Prefinished Masonry, Concrete Openings - Factory punched and countersunk holes for 3/8" diameter expansion bolt anchors, not more than 6' from top and bottom of jamb and 24" on center. Weld in 12 gauge minimum reinforcing chairs

to prevent frame deformation while tightening anchor bolts. Concrete anchors and bolts shall be provided under the general contract.

- D. Mortar Guards of not less than 24 gauge steel shall be welded in place at all hardware mortises on frames to be set in masonry or concrete. Guards for closers shall be 18 gauge minimum.
- E. All frames shall be provided with two temporary steel spreaders welded to the feet of the jambs to serve as bracing during shipping and handling only. These shall be removed prior to installation and are not to be used for setting of proper frame tolerances.
- F. All exterior frames to be galvaneal coated.

## **2.5 FABRICATION AND WORKMANSHIP**

- A. All material shall be smooth and free of surface blemishes. Gauge of frame members and door face sheets shall be as indicated in the architectural drawings. Doors and frames shall be neat in appearance and free from warpage or buckle. Edge bends shall be true and straight.

## **2.6 PRIME PAINTING**

- A. Clean, treat and paint exposed surfaces of fabricated hollow metal units, including galvanized surfaces.
- B. Clean steel surfaces of mill scale, rust, oil, grease, dirt and other foreign materials before the application of the shop coat of paint.
- C. Apply pretreatment to cleaned metal surfaces, using cold phosphate solution (SSPC-PT2), hot phosphate solution (SSPC-PT4) or basic zinc chromate-vinyl butyral solution (SSPC-PT3).
- D. Apply shop coat of prime paint within time limits recommended by pretreatment manufacturer. Apply a smooth coat of even consistency to provide a uniform dry film thickness of not less than 2.0 mils.

## **PART 3 - EXECUTION**

### **3.1 HANDLING AND STORAGE OF MATERIALS**

- A. Frame erector shall receive material at jobsite, unload it, note any damage and file any required freight claims, and store the material, all in accordance with Manufacturer's instructions. Any scratches or paint damage that has occurred during shipment shall be cleaned and touched up with primer.

### **3.2 INSTALLATION**

- A. Prior to installation, frame erector shall check frames for size, swing, squareness, alignment, twist, and plumbness. Conduit connections shall be checked to assure that they have not loosened during shipment. Screw protection, if provided, shall be checked to assure that it has not been removed or tampered with.
  
- B. Install frames as set forth in Manufacturer's instructions with jambs parallel, frame faces in the same plane and parallel with wall surfaces, frames set squarely in openings. Maximum deviation shall be 1/6" in any such dimension as described in Manufacturer's installation instructions.

**END OF SECTION**

**SECTION 087100  
STANDARD DOOR FINISH HARDWARE**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included:
1. Propose and furnish finish hardware required to complete the work as shown on the drawings as specified herein, and/or as required for a complete and functional installation.
  2. Furnish trim attachments and fastenings, specified or otherwise required, for proper and complete installation.
  3. Deliver to the job site those items of finish hardware scheduled to be installed at the job site, and deliver to other points of installation those items of finish hardware scheduled to be factory installed.
- B. Related work:
1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
  2. Installation of finish hardware is described in other Sections of these Specifications.
  3. The following hardware is listed elsewhere in these specifications and shall not be a requirement of this division.
    - a. Cabinet Hardware
    - b. Locker Hardware
    - c. Toilet Partitions
    - d. All Rough Hardware
    - e. Transformers, Junction Boxes, Wire and Hook-up of Electrical Detectors
    - f. Shelf Hardware

**1.2. QUALITY ASSURANCE**

- A. Hardware has been specified herein by manufacturer's name, brand, and catalog numbers for the purpose of establishing a basis of quality, finish, design, and operational function. Finish of all hardware shall be uniform in color/appearance.
- B. To insure a uniform basis of acceptable materials, it is the intention that only manufacturer's items specified as "Acceptable and Approved" be furnished for use on this project.
- C. Items specified "NO SUBSTITUTION" shall be provided exactly as listed in this specification and/or in the door/window schedule.
- D. Deviation from or modification of items will be permitted only for special instances caused by reason of construction characteristics and for the purpose of providing proper operational function. The Contractor shall be responsible for checking any necessary deviations in order that hardware shall fit and function properly.
- E. Substitutions: Products equal to those specified may be substituted.

- F. Supplier: A recognized builder's hardware supplier who has been furnishing hardware not less than two (2) years, and who is, or has in employment, an Architectural Hardware Consultant (AHC) in good standing as certified by the Society of Architectural Hardware Consultants Council.

### **1.3. REFERENCES**

- A. Listed Hardware: Hardware, which is to be installed in or on fire, labeled doors and frames, Class A or lesser, single or pairs, shall be tested and listed by Underwriters Laboratories (UL). Exit devices which are to be used as panic hardware shall be tested and listed in Underwriters Laboratories "Accident Equipment List - Panic Hardware."
- B. All listed hardware shall be in compliance with the following:
1. NFPA 80 – Standards for Fire Doors and Windows
  2. NFPA 101 – Life Safety Code
  3. Local authorities having jurisdiction.
  4. Texas Accessibility Standards

### **1.4. SUBMITTALS**

- A. Comply with pertinent provisions of Division 1.
- B. The finish hardware supplier shall, after award of a formal contract, submit to the Architect complete typewritten copies of the proposed finish hardware schedule with manufacturer's cut sheets for approval. This schedule shall be prepared using the "Sequence and Format for the Hardware Schedule" as approved and recommended by the Door and Hardware Institute (DHI). After approval of the schedule, the hardware supplier shall provide copies of this approved schedule to the Architect for file and distribution purposes. Hardware will not be ordered by the hardware supplier until an approved schedule has been received. The cost for this service shall be included with the cost of materials at the time of bidding.
- C. Samples: As part of this contract, provide to the Architect if requested, one sample of each item of finish hardware that is to be furnished for this project. These samples will be held by the Architect until completion of the project.

### **1.5. PRODUCT HANDLING**

- A. Comply with pertinent provisions of Division 1.
- B. Individually package each unit of finish hardware, complete with proper fastenings and appurtenances, clearly marked on the outside to indicate contents and specific locations in the work.
- C. All items of hardware to be delivered to the job site shall be completely packaged with all necessary screws, bolts, miscellaneous parts, instructions and where necessary installation templates for manufacturer's suggested installation. They are to be clearly labeled so as to conveniently identify them and their intended location in the building.
- D. A representative of the General Contractor shall receive the hardware delivered at the job site. A dry locked storage place complete with shelving, shall be set aside for the purpose of unpacking, sorting out, checking and storage.

- E. Finish hardware shall be delivered to the General Contractor by the hardware supplier. Direct factory shipments to the job site are not acceptable.
- F. The hardware shall be jointly inventoried by representatives of the General Contractor and the hardware supplier.
- G. All hardware shall be handled in a manner to minimize marring, scratching, or damage.
- H. Items damaged in shipment shall be replaced promptly and with proper material without additional cost to the Owner.
- I. Hardware supplier will coordinate with access control systems supplier and detention hardware supplier to provide adequate keying and electrically compatible devices.

**1.6. WARRANTY**

- A. The finish hardware shall carry a limited warranty against defects in workmanship and operation for a period of one year from date of substantial completion. No liability is to be assumed where damage of faulty operation is due to abuse, improper usage, improper installation, or failure to exercise normal maintenance.

**PART 2 PRODUCTS**

**2.1. MATERIALS**

- A. Hinges: Ball bearing, full mortise hinges as specified. Approved manufacturers are Ives, Hager, Stanley, or McKinney. Provide 3 hinges per door leaf for doors up to 36” in width, provide 4 hinges per door leaf for doors over 36” in width.
- B. Continuous Hinges: Provide continuous aluminum geared type hinges of the type and function specified in the hardware sets. Hinges shall be machined for bearings prior to anodizing.
- C. Cylindrical Locksets: Single lock chassis shall accommodate 1¾" to 2¼" thick doors and be non-handed. Lockset shall have separate anti-rotation through bolts, and shall have no exposed mounting screws. When the outside lever is locked, it shall rotate freely and it shall return to its horizontal position when released. All cylindrical locksets shall heavy duty grade one (1). Remodel projects lock/latches shall match existing locks/latches and keying.
  - 1. Acceptable Manufacturers: Typical Functions (Other functions available)
    - a. Entrance Lockset
 

1)	Best	93KAB 15D LM
2)	Schlage	ND92 RHO
3)	Sargent	FW-10G05 L
    - 2. Privacy Lockset
 

1)	Best	93K L 15D
2)	Schlage	ND40S RHO
3)	Sargent	10U15 L 15D
    - 3. Storeroom Lockset
 

1)	Best	93KD 15D LM
2)	Schlage	ND96 RHO
3)	Sargent	FW-10G04 L 15D

4. Passage Latchset
  - 1) Best 93KN 15D
  - 2) Schlage ND10S RHO
  - 3) Sargent 10U65 L 15D

D. Exit Devices: Provide push-pad type exit device with stainless steel overlapping "T" style touchpad to prevent pinching of fingers. For safety, touch pad shall not extend full length of device. Provide heavy duty forged steel escutcheon and solid forged lever or pull trim at exterior locations. As specified in hardware sets. Provide style and functions as specified in hardware sets. Lever trim to match locksets and latchsets at interior locations. When the outside lever is locked, it shall rotate freely and it shall return to its horizontal position when released.

1. Acceptable Manufacturers:
  - a. Stanley phi 2000 series x 630 Stainless Steel
  - b. Von Duprin 98 series x 630 Stainless Steel
  - c. Sargent 80 series x 630 Stainless Steel
2. Electric Exit Devices required shall be of the same manufacturer as all exit devices.
  - a. Provide Power Transfer and Power Supply as required for hardware sets.

E. Closers: Provide non-handed, non-sized cast iron or aluminum body door closers with steel piston and O-ring compatible. Regular and parallel arm mounting or top jamb where indicated in hardware sets. Furnish all required brackets, spacers, and plates. Mount closers out of line of site (nonpublic side). Rack and pinion construction with compression spring, fully hydraulic. Closing and latching controlled by independently operated valves. Pressure relief valves not allowed. Adjustable spring power allowing adjustment up to 50 percent in field to suit individual door conditions. Adjustable back-check for interior and exterior units. Provide standard hold open on non-rated doors. Labeled closers required at all rated openings. Closers exposed to inmates shall be concealed.

1. Acceptable Manufacturers: Concealed Closer
  - a. LCN 2011 Finish to match other hardware.
  - b. Norton 7900 Finish to match other hardware.
2. Acceptable Manufacturers: Surface Closer
  - a. LCN 4040 Finish to match other hardware.
  - b. Norton 7700 Finish to match other hardware.
  - c. Stanley Comm. QDC100 Finish to match other hardware.
3. Acceptable Manufacturers: Concealed Surface Security Closer at all doors inside security perimeter where closer is exposed to inmates.
  - a. LCN 2030 Series
  - b. Norton 7900 Series

F. Push Pull Bars: Provide ANSI J504, .1" Dia. Pull and push bar. Provide proper fasteners for door construction.

1. Acceptable Manufactures
  - a. Trimco
  - b. Ives
  - c. Hager

- G. Protection Plates: Provide kick, push and armor plates of 0.050-inch thick stainless steel with flat countersunk , tamper resistant screws. Coordinate plates with exit devices and sound seals. Provide where noted on door schedule. Install on push side.
1. Acceptable Manufacturers:
    - a. Ives
    - b. Trimco (Triangle Brass)
    - c. Hager
  2. Armor plates shall be 48” high x door width at locations inside the jail secure perimeter.
  3. Kick plates shall be 8” high x door width at locations outside the jail secure perimeter.
- H. Stops: Provide wall stops of stainless steel. Provide fasteners of the type required for each particular wall construction. Provide stainless steel overhead stops at all locations where wall stops cannot be used. Do not use floor stops.
1. Acceptable Manufacturers: Wall Stops
    - a. Ives                                WS407 x 630
    - b. Trimco                                1270 x 630
    - c. Hager                                234W x 630
  2. Acceptable Manufacturers: Overhead Stops (where wall stops are not feasible)
    - a. Concealed:
    - b. Rixson Firemark                        No. 1 Series x 630
    - c. ABH                                        1000 Series x 630
    - d. Glynn Johnson                        100 Series x 630
  3. Acceptable Manufacturers: Overhead Stops (where concealed overhead stops are not feasible)
 

Surface:

    - a. Rixson Firemark                        No. 9 Series x 630
    - b. ABH                                        9000 Series x 630
    - c. Glynn Johnson                        90 Series x 630
- I. Electronic Access: Bored locks, mortise locks, and exit device trim. Device to have the ability to be Network adaptable without removing device from door. Device to have ability to change credential reader technologies without being removed from door. Furnish devices with field configurable functions classroom/storeroom 70, apartment 60, office 50, privacy 40 without being removed from door. (None this project)
- a. Schlage Electronics                        AD Series
  - b. Best Access systems                        WIQ 93K Series
- J. Electric Strikes
1. Provide electric strikes as required.
    - a. For Exit Devices – HES 9500 or 9600 as required
    - b. Trine equivalent
    - c. For Locksets – HES Type as required.
    - d. Trine Equivalent
- K. Thresholds: Provide type, style, profile, and thickness of thresholds as specified in hardware sets or as required for labeled openings or smoke enclosures. Thresholds shall be manufactured by National Guard Products, or Zero.

- L. Sound Seals: Provide exact units as specified in hardware sets and as manufactured by Zero or National Guard Products depending on each individual hardware set.
- M. Provide all wiring diagrams for all electric operated hardware supplied under this section. Coordinate electric hardware with other trades involved with installation.
- N. Security Fasteners: Provide center pin, tork head fasteners for all exposed connections located within the secure perimeter of this facility.

## **2.2. KEYING**

- A. Keying: Key system shall be per Owner's instructions. Provide biting list direct to Owner's representative from manufacturer, no exceptions.
- B. Keying Schedule: Submit separate detailed schedule for owners review after hardware schedule has been approved by Architect.
- C. Consult with owner and key all locks and cylinders as instructed. Furnish visual key control and stamp all keys as instructed.
- D. Provide all locksets and cylinders construction keyed for this project with change out of cylinders for Owner's use at substantial completion.
- E. All keys to be of nickel silver material in following Quantities:
  - 1. Construction Master Key: Five (5)
  - 2. Grand Master Keys / Master Keys: Three (3)
  - 3. Change Keys per Lock:
    - a. Two (2)
    - b. One additional key for each lock type to be placed in control room key cabinet.

## **2.3. FINISH**

- A. Finish Hardware shall be as follows: Unless noted otherwise in hardware sets.
  - 1. Hinges: Exterior US32D (630) Interior US26D (626)
  - 2. Locksets: US26D (626)
  - 3. Exit Devices: US32D (630)
  - 4. Door closers: Spray Painted to match other hardware: (689)
  - 5. Protection Plates: US32D (630)
  - 6. Over Head Stops: US32D (630)
  - 7. Misc. Flatgoods: US32D (630) or US26D (626)

## **PART 3 EXECUTION**

### **3.1. EXAMINATION**

- A. Verify that doors and frames are ready to receive work and dimensions are as instructed by the manufacturer.
- B. Verify that electric power is available to power operated devices and is of the correct characteristics.

### **3.2. INSTALLATION**

- A. Install hardware in accordance with manufacturer's instructions.
- B. Use templates provided by hardware item manufacturer.
- C. Mounting heights for hardware from finished floor to center line of hardware item refer to:
  - 1. DH WDMS.3.
  - 2. DHI A115 Series.
  - 3. Texas Accessibility Standards.

### **3.3. FIELD QUALITY CONTROL**

- A. Architectural hardware supplier will inspect installation and certify that hardware and installation has been furnished and installed in accordance with manufacturer's instructions and as specified.
- B. Change out construction cylinders for owner occupancy at substantial completion of project.

### **3.4. ADJUSTING**

- A. Adjust hardware for smooth operation.

### **3.5. PROTECTION OF FINISHED WORK**

- A. Do not permit adjacent work to damage hardware or finish.

### **3.6. FINISH HARDWARE SCHEDULE**

- A. Furnish each door leaf with hardware items similar to scheduled sets below. Provide size, type, and quality as specified in Part 2. Furnish specific function or component as scheduled below or as required to function with all specific door details. Additionally, supplier shall provide any other hardware or accessories necessary for the door to perform as intended.

SH-1 Passage Set  
Passage Set  
Butts  
Silencers  
Stop  
Closer @ Labeled Openings

**END OF SECTION**

**SECTION 087163  
DETENTION DOOR HARDWARE**

**PART 1 GENERAL**

**1.1. SCOPE OF WORK**

- A. Furnish and install detention hardware as specified herein.
- B. Related Work:
  - 1. Section 083463 “Detention Doors and Frames”
  - 2. Section 088853 “Security Glazing”
  - 3. Section 125500 “Security Furnishings”

**1.2. REFERENCES**

- A. ASTM F1577-95 Test Methods for Detention Locks for Swing Doors
- B. ASTM F1643-95 Test Methods for Detention Sliding Door Locking Device Assembly
- C. National Electrical Code, latest edition, for internal electrical requirements for hardware

**1.3. SUBMITTALS:**

- A. Make submittals in accordance with the requirements of Division 1 Section 013300.
- B. Submit specifications, installation instructions and general recommendations for products as required, including locks, hinges, lock mount covers, bolt keepers, wall bumpers, weather-stripping, thresholds, escutcheons, etc.
- C. If requested by Architect or Owner, submit one sample of each hardware product, finished as required and tagged with full description for coordination with hardware schedule. Samples will be used as extra stock, if approved. Rejected samples will be returned.
- D. Hardware and Keying Schedules:
  - 1. Submit one reproducible and one copy of each schedule type; indicate all products by name and number or each separate opening. Include all other pertinent hardware information.
  - 2. Make promptly, any corrections or changes necessary in schedules to comply with requirements; resubmit one reproducible and one copy of revised schedules.
- E. Templates for Fabrication:
  - 1. Forward templates for each type of detention equipment hardware required to fabricators of work in Sections noted above in 1.1.B following final review of hardware and keying schedules.
  - 2. Submit wiring diagrams for all electrical devices provided herein.
- F. Locking Device Shop Drawings:

1. Indicate layout plans of each opening at ½”=1’-0” minimum scale, show anchorage and accessory items, dimensions and finishes. Note: Complete housing module plans can be drawn at ¼”=1’-0” minimum, with typical enlarged plans.
  2. Indicate complete details of internal components of door locking and monitoring mechanisms located in transoms and jambs.
  3. Indicate permissible tolerances for each type.
- G. Closeout Submittals - Furnish three copies of Operating/Maintenance Manuals including parts lists for security locks and locking devices.

#### **1.4. QUALITY ASSURANCE**

- A. Throughout the specifications and drawings, types of materials may be specified by the manufacturer’s name and catalog number in order to establish standards of quality and performance. If the bidder elects to substitute any other products, he must request the Architect’s approval in writing no later than ten (10) days prior to the bid date, and he must receive written approval by addendum. The following are requirements for approval for each type of product listed.
1. Manufacturers Qualifications: Provide security equipment products from manufacturers who have been actively engaged in the production of security equipment for a minimum of ten (10) years in successfully completing projects of equal scope and magnitude with products as herein specified. This evidence shall consist of a list of ten (10) projects that have been complete and operational for a minimum of five (5) years. The manufacturer shall now be actively engaged in the design and manufacture of security locks, locking devices, furnishings and miscellaneous security hardware and products. All locks, locking devices and related security hardware shall be provided by the same manufacturer.
    - a. For each facility, list name and location of installation, date of occupancy by Owner, Owner’s representative to contact and telephone number, General Contractor, and Architect.
  2. Two (2) copies of manufacturer’s product specifications and catalog cut sheets and detail and performance data for each type product listed in this section.
  3. Provide data substantiating that products being proposed for this project comply with the requirements stated herein.
  4. List of projects under construction
  5. List of completed projects
  6. List of major suppliers
  7. Security lock manufacture must have spare parts, locks and hardware available in a warehouse located within a two-hour drive to the facility.
- B. Approved Detention Hardware Suppliers:
1. Southern/Folger, San Antonio, TX
  2. Airteq Systems, Montgomery, AL
  3. Others as approved by Architect.

#### **1.5. PRODUCT HANDLING**

- A. Comply with requirements of other Sections of these Specifications.

- B. For products delivered to door manufacturer and for products delivered to project site, package each item of hardware separately in containers, complete with necessary fasteners, installation instructions, and installation templates. Mark each container with item numbers, location of installation in accord with corresponding information shown on final hardware schedule.
- C. Store products at site to prevent damage or loss until installation is made.
- D. Control handling and installation of hardware products which are not immediately replaceable, so that the completion of work will not be delayed by hardware losses, both before and after installation.
- E. Deliver keys by secure carrier (hand carrier or registered mail) from manufacturer directly to authorized representative of the CM, as directed by the Architect. Include transmittal and forward copy of same to the Architect.

## **1.6. WARRANTY**

- A. Comply with requirements of other Sections of these Specifications.

## **1.7. MAINTENANCE**

- A. Fasteners and Accessories:
  - 1. Furnish five (5) percent extra fasteners and other miscellaneous accessories for installation.
- B. Furnish for institution use only:
  - 1. Special tools required for locking device and hardware maintenance (four complete sets).
  - 2. One lock repair kit
  - 3. Provide two (2) alignment tools for security locks.
  - 4. Three complete sets of key

## **PART 2 PRODUCTS**

### **2.1. MANUFACTURER:**

- A. Catalog numbers of the first manufacturers listed have been used to establish the quality required. The only other manufacturers approved are listed. Other manufacturers seeking approval shall do so in writing per General Requirements and shall list exact catalog numbers and description of the items proposed to furnish.

ITEM	1	2	3
Hinges	Airteq Systems	Hager	
Closers	LCN	Norton	Yale
Stops	Portland	H.B. Ives	
Holders, Surface Bolts	Glynn-Johnson	Checkmate	Yale
Push/Pull	Hager	Hiawatha	
Thresholds	Pemko	Reese	Zero
Weatherstrip	Pemko	Reese	Zero
Detention Hardware	Airteq Systems		
Kick Plates/ Armor Plates	Quality		

**B. DESIGNATIONS:** Following abbreviations identify listed manufacturers:

Checkmate	Rixon, Inc.; Franklin Park, IL
Glynn-Johnson	Glynn-Johnson Corp.; Chicago, IL
Hager	Hager Hinge Co.; St. Louis, MO
Hiawatha	Metalcraft, Inc.; Minneapolis, MN
Ives	H.B. Ives Div.; New Haven, CT
LCN	LCN Closers; Princeton, IL
Norton	Norton Closer Div; Charlotte, NC
Pemko	Pemko Mfg. Co.; Emeryville, CA
Reese	Reese Enterprises; Rosemount, MN
Airteq (AT)	Airteq Systems.; Montgomery, AL
Zero	Zero Weatherstripping; Bronx, NY

**2.2. SCREWS, FASTENERS, AND TOOLS**

- A. Furnish exposed fasteners to match item fastened. Make fastener of the same metal as item fastened, except use plated brass or stainless steel for all aluminum items. Provide twenty (20) spares of each type of fastener used for anchoring hardware.
- B. Provide torx-head (star design with center pin) security fasteners for exposed fasteners on all security hardware, regardless of manufacturer. Furnish six (6) tool holders and six (6) bits for each different size screw. Holders and bits shall be left at project after installation and become property of the user.
- C. Provide two (2) alignment tools for medium security locks.

**2.3. HINGES**

- A. Heavy Duty 4-1/2 FM Stainless Steel
  - 1. Series/Manufacturer:
    - a. 204FMSS/Southern Steel
    - b. 604FMCS/Airteq
  - 2. Description:
    - a. 4-1/2 x 4-1/2, 3/16 thick leaves minimum with 15/32" diameter x 2" long integral cast security studs
    - b. Cast 304 stainless steel leaves, non-removable steel pin, two concealed bearings, three knuckle with HT hospital tips

3. Hinges shall be finished US32, US32D or USP - primed, as called for in the hardware schedule
  4. Provide quantities as follows:
    - a. Doors less than 5 ft high - 1 pair
    - b. Doors over 5 ft to 7 ft 6 in - 1-1/2 pair
    - c. Doors over 7 ft 6 in to 10 ft - 2 pair
    - d. Doors over 3 ft 8 in wide - 2 pair
- B. Full Surface Hinge
1. Series/Manufacturer
    - a. 5/Southern Steel
    - b. 603/Airteq
  2. Description
    - a. 3" x 2-3/4" x 1/4" thick steel leaves
    - b. Cold rolled, case hardened steel hinge pin
- C. Food Pass and Observation Panel/Speaking Device Shutter Hinge
1. Series/Manufacturer
    - a. 203FP/Southern Steel
    - b. 603FP/Airteq
    - c. Continuous Piano Hinge Not Acceptable
  2. Description
    - a. 3" x 2-3/4" x 1/4" thick steel leaves
    - b. Cold rolled, case hardened steel hinge pin
    - c. Integral cast angle limits swing to 90 degrees
- D. Power Transfer Hinge
1. Series/ Manufacturer
    - a. 204E/Southern Steel
    - b. 604FMC-CE/Airteq
    - c. Investment cast brass with US26D finish

## 2.4. SECURITY LOCKS

- A. Maximum Security - Electric Swinging Door Operators:
1. Series/Manufacturer:
    - a. 10120AM/Southern Steel
    - b. 9724P x RLB/Airteq
  2. Frame mounted, 24 VDC motor operated.
  3. Internal switches monitor bolt status to show deadlocked and unlocked conditions.
  4. Bolt retracted manually by paracentric key.
  5. Six-lever tumbler keyed one side or both sides.
  6. Bolt remains retracted until door is opened.
  7. Lock operates in a fail secure mode.
  8. Bolt throw 1" flush when retracted.
  9. Galvanized case and cover
  10. U.L. listed for use on 3 hour fire door.

11. Standard Functions:
  - a. Remote switch activates a motor which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.
  - b. Mechanical - Latchbolt is retracted by a mogul key at the door and remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed. Automatic deadlatch feature is suspended when mogul key is rotated to mechanical key hold-back position. Normal function is resumed when key is returned to deadlocked position.

B. Medium Security - Mechanical Operation (Food Pass):

1. Series/Manufacturer:
  - a. 1010A/Southern Steel
  - b. 5010/Airteq
2. Bolt retracted manually by paracentric key
3. Six Lever tumblers keyed one or two way
4. Reverse bolt bevel at food pass locations.
5. Automatic snaplatch
6. Galvanized case and cover

C. Medium Security - Mechanical Operation

1. Series/Manufacturer:
  - a. 1080A/Southern Steel
  - b. 5080/Airteq
2. Door mounted, dead bolt
3. Bolt retracted manually by mogul key
4. Six Lever tumblers keyed one or two way
5. Supply with hollow metal lock mounting, escutcheon and security screws
6. Provide keeper as scheduled
7. Galvanized case and cover

## 2.5. DOOR POSITION SWITCH/CLOSER

A. Door Position Indicator Switches

1. Series/Manufacturer
  - a. 2215DPS Closer/LCN

## 2.6. PULLS

A. Raised Pull

1. Series/Manufacturer:
  - a. 212C/Southern Steel
  - b. 612/Airteq
2. Investment Cast, stainless steel
3. 8-3/4" Long x 1-3/4" Wide x 2-3/16" Projection
4. Fasteners shall be stainless steel security screws

B. Recessed Pull

1. Series/Manufacturer
  - a. Provided by the door manufacturer.

## **2.7. DOOR STOPS**

- A. Series/Manufacturer
  1. 450/Southern Steel
  2. 650/Airteq
- B. Stop shall be a tamper resistant device that is embedded into the wall or floor with an epoxy resin adhesive. Bumper shall be 2" diameter x 3-1/2" long and made from a non-hazardous silicone elastomer, 80 durometer. The threaded and grooved steel mounting shank shall be embedded into the bumper at least half the length of the bumper. Mounting shank shall extend 2-1/2" beyond the bumper bottom for embedding into the wall. Stops shall be placed to maintain a minimum of 6" between the leading edge of the door and the wall. Mount to wall 6' – 10" A.F.F. unless approved otherwise by the Architect.

## **2.8. THRESHOLDS**

- A. Series/Manufacturer
  1. 2005AV/PEMKO
- B. Thresholds (Pemko #2005AV) shall be supplied at all exterior, smoke and fire labeled door openings and installed with flat head torx screws.
- C. Pass-Resistant Thresholds.

## **2.9. WEATHERSTRIP AND SMOKE SEALS**

- A. Rigid Door Westherstrip
  1. Series/Manufacturer
    - a. #297AV/Pemko
  2. Fasteners shall be flat head security torx screws.
  3. Weatherstrip shall be a self-adhesive and pressure sensitive door gasketing material that may be compressed sufficiently to seal 1/16" toleranced door and will not lose its form. The product shall be non-toxic, self-extinguishing, and impervious to fungus and mildew. Once installed razor cut to approximately 12" increments.
- B. Smoke Seal
  1. Series/Manufacturer:
    - a. S88D/Pemko
  2. Self-adhesive and pressure sensitive door Gasketing material that may be compressed sufficiently to seal 1/16" tolerance door and will not lose its form. The

product shall be non-toxic, self-extinguishing and impervious to fungus and mildew. Once installed razor cut to approximately 12” increments.

3. Shall be supplied at all exterior, smoke and fire rated labeled door openings.

C. Apply to head and jamb sides.

## 2.10. DOOR SILENCERS

A. Series/Manufacturer

1. #SR64/Ives

B. Silencers shall be standard resilient type and removable for replacement.

## 2.11. SHUTTER

A. Construction

1. Shutter for observation panel and speaking device shall be constructed of 10 gauge steel, hung on two (2) heavy-duty 2” hinges. Provide steel knob pull and four-way catch. Piano hinges and Z type pulls are not allowed. Shutters shall swing in opposite direction of door swing.

## 2.12. PROTECTION PLATES

A. Refer to Section 087100 for protection plate requirements.

## 2.13. FINISHES

	<u>U/S Symbol</u>	<u>ANSI Symbol</u>	<u>Description</u>
Hinges	US32D	630	Satin Stainless Steel
Locks & Pulls	US26D	626	Satin Chrome
Closers	AL	689	Aluminum Painted
Push,/Kick Plates	US32D	630	Satin Stainless Steel

## 2.14. CYLINDERS, KEYS AND KEYING:

A. The security locks will incorporate three (3) separate keying systems; one for lever tumbler (Paracentric), one for pin tumbler (mogul cylinder) and one for commercial cylinder locks. Each keying system’s keys shall be dye stamped for identification, corresponding to the hardware supplier’s final schematic keying chart (See Paragraph D).

B. Lever tumbler locks shall be keyed alike or different as directed. Provide cut keys as required.

C. Mogul cylinder locks shall be master keyed as directed. Provide cut change keys, and master keys as required.

D. A complete, detailed schematic chart of the keying system will be required. The hardware supplier will also be required to enter the key symbols for all doors on additional floor

plans, which will be supplied by the Architect. Two (2) copies of the schematic keying chart and architectural floor plans shall be turned over to the user at the completion of the project. The cost for this service shall be included with the cost of materials at the time of bidding.

- E. Keys shall not leave the manufacturer's custody without prior arrangement for delivery and authorization from the Owner

## **2.15. DETENTION SPARE LOCKS AND LOCK PARTS:**

- A. Shall be provided for the Owner's stock as follows:
  1. Locks - two of each type used (of both right or left handed operation, i.e. 2-right, 2-left).
  2. Door Position Switch (DPS) - two each type used
  3. Closer - Two of each type used (of both right or left handed operation, i.e. 2-right, 2-left)
  4. One complete set of security screwdrivers for all sizes of security screws used on this project.
  5. One repair parts list and assembly drawings bound in a manual for all detention products supplied in this division.

## **PART 3 EXECUTION**

### **3.1. GENERAL**

- A. Comply with requirements of other Sections of these Specifications.

### **3.2. INSTALLATION**

- A. Comply with requirements of other Sections of these Specifications.
- B. All shipping of detention equipment hardware and coordination with other detention equipment shall be the responsibility of the DSC.

### **3.3. FIELD QUALITY CONTROL**

- A. Comply with requirements of other Sections of these Specifications.

### **3.4. ADJUSTMENT AND REPAIRING**

- A. Comply with requirements of other Sections of these Specifications.

### **3.5. PROTECTION AND CLEANING**

- A. Comply with requirements of other Sections of these Specifications.

## PART 4 HARDWARE SETS

The following hardware sets refer to hardware manufactured by Soursthern/Folger, San Antonio, Texas, unless noted otherwise. The products specified by the Manufacturer's number sets are the minimum acceptable standard of quality. Similar products of other manufactures that provide the same function have similar construction characteristics and design appearance may be acceptable but must be approved in writing by the Architects. Provide thresholds at all exterior doors.

### DETENTION HARDWARE SET DH-1

3 EA.	HINGE	SSCO #204FMSS x 4-1/2" x 4-1/2" FM x US32D x SECURITY STUDS x 1/4-20 TORX MS
1 EA.	LOCK	SSCO #10120AMD-1 x RLHB x K1 x KEYED ONE SIDE x 24 VDC x MOTOR OPERATED x DEADLOCK INDICATION SWITCH x MECHANICAL LATCHBACK x FAIL SECURE x HALF CYCLE HOLDBACK x LESS FACE PLATE x (1) US26D MOGUL CYLINDER x PC x GALV x TORX MS
1 EA.	RAISED PULL	SSCO #212C x US32D x TORX MS
1 EA.	INTEGRAL FLUSH PULL	BY DOOR MANUFACTURER
1 EA.	FP LOCK	SSCO #1017A-1 x KEYED ONE SIDE x PARACENTRIC CYLINDER x 6 TUMBLER x GALV x TORX MS
1 EA.	CLOSER/DPS	LCN #2215 DPS x CONCEALED x AL x TORX MS
3 EA.	SILENCER	IVES #SR64 x GREY RUBBER SILENCER
1 EA.	WALL STOP	PORTLAND #PH760 x PRISON WALL STOP

FOOD PASS HINGE WHERE APPLICABLE.

**END OF SECTION**

**SECTION 088853  
SECURITY GLAZING**

**PART 1 GENERAL**

**1.1. SCOPE OF WORK**

- A. Security glazing shall include but is not necessarily limited to:
  - 1. Glass and glazing for security hollow metal windows.
  - 2. Glass and glazing for security hollow metal doors.
- B. Provide security glazing manufactured by a single firm specializing in the production of this type of work.

**1.2. REFERENCES**

- A. Glass Clad Polycarbonate sheet, meeting ANSI A97.1-1984 Safety Glazing Materials for Buildings; ASTM C1036 Standard Specification for Flat Glass; ASTM C 1048 Specification for Heat Treated Glass; ultraviolet stabilized; scratch resistant surface on surfaces indicated; thicknesses as indicated; tints as indicated; as manufactured by one of the following:
  - 1. Global Security Glazing
  - 2. Approved equal

**PART 2 PRODUCTS**

**2.1. MATERIALS**

- A. SG-1 (non-rated locations)  $\frac{9}{16}$ " Clear Secur-Tem+Poly

**2.2. GLAZING ACCESSORIES**

- A. Setting Blocks - Polycarbonate: Silicone, 70-90 shore "A" durometer hardness, compatible with polycarbonate.
- B. Spacers - Polycarbonate: Silicone, 40-50 shore "A" durometer hardness, compatible with sealants and polycarbonate.
- C. Glazing Sealant - Polycarbonate: Silicone sealant.
  - 1. Dow Corning No. 790
  - 2. Dow Corning No. 795
  - 3. Silpruf SCS 2000 by GE
  - 4. 864 by Pecora
  - 5. Spectrum 1 or 2 by Tremco
- D. Glazing Tape: Polymerized butyl, pre-shimmed rubber tape, collect on release paper.
  - 1. 440 Tape by Tremco
  - 2. Extru-Seal by Pecora
  - 3. PTI 303 Glazing Tape by Protective Treatments, Inc.

## **PART 3 EXECUTION**

### **3.1. SURFACE CONDITIONS**

- A. Examine premises before start of work and ascertain conditions as they actually exist.
- B. Verify that other related work has been completed.
- C. Examine glazing surfaces to ascertain that surfaces are dry, free of oils, waxes and foreign substances that will prevent quality application of glass.
- D. Verify that glazing channels and glass are free of imperfections or damage that would prevent quality installation of glass.
- E. Carefully field measure glass openings and provide minimum required tolerances and clearances.
- F. Clean metal and glass surfaces free of foreign matter and coatings.

### **3.2. GLAZING**

- A. Do not install glass with edge damage.
- B. Install glazing material and related glazing accessories in strict accordance with respective manufacturer's instructions, applicable procedures recommended in FGMA Glazing Manual and reviewed Shop Drawings. Provide watertight and airtight installation where exposed to weather. Provide airtight installation elsewhere for interior locations.
- C. Verify size required prior to cutting or fabrication of glazing material.
- D. Set and block glass to provide equal margins at perimeter, with glass not in contact with frames, and without springing. Install plumb, straight, square and level and in proper alignment with related work. Install securely to prevent rattling, breakage or displacement and yet allow for expansion and contraction. Maintain required clearance and support of glazing units in accordance with Shop Drawings and manufacturer's instruction.
- E. Wet glaze metal frames and door lights with glazing tape or sealant.
- F. Use sealing and glazing accessories in strict accordance with recommendations and instruction of manufacturer for condition applicable to this project. Select sealants and tapes of proven compatibility with other glazing materials.

### **3.3. WINDOW TINT**

- A. Apply window tint to the windows where window tint is required. Refer to Door/Window plans for directional arrows which indicate the direction that viewing is required. Window tint shall be applied after the glazing has been installed.

### **3.4. ADJUSTING AND CLEANING**

- A. Check installed glazing material for looseness and weathertightness. Correct deficiencies.
- B. Clean glazing material not more than 7 days prior to acceptance in accordance with applicable manufacturer's instructions and recommendations.
  - 1. Remove excess glazing sealants from installed glass.
  - 2. Remove labels from glass.
  - 3. Thoroughly wash and polish both faces of glass. Abrasive cleaners prohibited.
- C. Remove debris from site

**3.5. PROTECTION**

- A. Attach bright color crossed streamers away from glass face.
- B. Replace broken, scratched, chipped or otherwise damaged glass

**END OF SECTION**

**SECTION 095123  
SUSPENDED PANEL CEILINGS**

**PART 1 GENERAL**

- A. Standard Provisions, Conditions of the Contract and Division 1, as indexed, apply to this section.

**1.2. DESCRIPTION**

- A. Furnish all materials, labor, equipment, and services for the complete installation of glued-on acoustical tiles, as scheduled and detailed on the drawings, and hereinafter specified.

**1.3. WORK NOT INCLUDED**

- A. All phases of electrical work. Electrical fixtures shall be supported in the ceiling system with hangers and accessories provided by the electrical contractor.
- B. All phases of the air conditioning and ventilation work. Location of the mechanical systems shall be coordinated with and complimentary to the ceiling system and the electrical fixtures. Support of the mechanical systems shall be independent from the ceiling and provided by the mechanical contractor.

**1.4. COORDINATION**

- A. Work hereunder requires coordination with trades whose work connects with, is affected by, or is concealed by this work. Before proceeding, make certain all required inspections have been made.

**1.5. SAMPLES**

- A. Submit samples of each type of material specified to the Architect for approval.

**1.6. INSPECTION**

- A. The ceiling contractor shall be responsible for the examination and acceptance of all surfaces and conditions affecting the proper installation of his materials. Commencement of work will constitute acceptance of surfaces.

**1.7. DELIVERY AND STORAGE**

- A. Deliver all manufactured materials in original containers bearing manufacturer's name and brand. Use only one brand and one lot number for each type of unit through job. Store materials within building in locations directed by General Contractor.
- B. Extra Stock - Provide one extra unopened carton of each type lay-in panel and store at site at a location directed by the Owner.

## **1.8. APPLICATOR**

- A. The installation shall be made by a contractor approved by the manufacturer of the products used.

## **1.9. JOB CONDITIONS**

- A. All wet work shall be completed and dried out to the satisfaction of the Architect before work is started. No work shall begin until building is enclosed and temperature and humidity are controlled.

## **PART 2 PRODUCTS**

### **2.1. MATERIALS**

- A. 12"x12" Glued-on Acoustical Tiles
  - 1. Concrete plank ceilings shall have surface applied acoustical tiles where shown on drawings equal to Armstrong "Fissured" #714, tongue and groove, 12"x12"x1/2", white.
  - 2. Provide non-removable vinyl edging at all exposed edges.
  - 3. Shaded areas on plan indicate the approximate area to receive acoustical tiles. Field-verify exact conditions. Do not place tiles across joints in concrete plank ceiling. Stop tiles short of light fixtures and HVAC grilles and provide vinyl edging. Conduct pre-installation meeting with Architect prior to start of work.

## **PART 3 EXECUTION**

### **3.1. SURFACE APPLIED INSTALLATION**

- A. Adhesive: Subcontractor shall install ceiling tile by glue-up method to concrete planks using acoustical tile cement.
- B. Trim projecting tongue from exposed edged panels after installation. Provide vinyl edge trim at all exposed edges.
- C. Provide general areas of coverage as shown on the drawings. Apply tile joints to align with concrete plank jointing. Do not allow tiles to span joints in concrete planks.

**END OF SECTION**

**SECTION 098433**  
**SOUND ABSORBING WALL UNITS**

**PART 1 GENERAL**

**1.1. SUMMARY**

- A. Section Includes: Acoustical Sound Absorber Panels installed on walls.

**1.2. REFERENCES**

- A. ASTM C 423 Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
- B. ASTM E 84 Test Method for Surface Burning Characteristics of Building Materials
- C. ASTM E795 Standard Practices for Mounting Test Specimens During Sound Absorption Test.

**1.3. SYSTEM DESCRIPTION**

- A. Performance Requirements: Provide acoustical wall panels which have been manufactured, fabricated and installed to meet the following criteria:
1. Surface Burning Characteristics (ASTM E84):
    - a. Flamespread: 25.
    - b. Smoke Developed: Fabric covered panel: 105.
  2. Noise Reduction Coefficient - NRC (ASTM C423 and ASTM E795):
    - a. 1" (25.4 mm) thick panel: 0.80

**1.4. SUBMITTALS**

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data: Submit product data, including manufacturer's SPEC-DATA™ product sheet, and installation instructions.
- C. Shop Drawings: Submit elevation drawings showing wall panel layout.
- D. Samples: Submit selection samples and 12" × 12" (305×305 mm) verification samples of each type of panel to be used on the project.
- E. Quality Assurance/Control Submittals: Submit the following:
1. Test Reports: Upon request, submit product acoustical and fire test reports.

**1.5. QUALITY ASSURANCE**

- A. Qualifications: Utilize an installer with demonstrated experience on projects of similar size and complexity.

- B. Mock-Ups:
  - 1. Prepare an onsite mock-up consisting of at least 60 ft<sup>2</sup> (6 m<sup>2</sup>) of wall panels.
  - 2. The quality of work on the approved mock-up will be used to establish acceptable work for subsequent panel installation.
  - 3. Subject to approval by owner, the mock-up may be incorporated into the finished work.

## **1.6. DELIVERY, STORAGE & HANDLING**

- A. General: Comply with Division 1 Product Requirements Section.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.
  - 1. Remove damaged or deteriorated materials from the site.

## **1.7. PROJECT/SITE CONDITIONS**

- A. Environmental Requirements: Do not proceed with installation of wall panels until building is closed in and the HVAC system is capable of maintaining a temperature of 60 - 85 degrees F (16 - 29 degrees C) at not more than 70% relative humidity.

## **1.8. MAINTENANCE**

- A. Extra Materials: Provide 20% additional material for use by owner in building maintenance and repair.

## **PART 2 PRODUCTS**

### **2.1. ACOUSTICAL WALL AND CEILING PANELS**

- A. Manufacturer: ESSI Acoustical Products Company.
  - 1. Contact: 11750 Berea Road, P.O. Box 643, Cleveland, OH 44111; Telephone: (800) 886-6678, (216) 251-7888; Fax: (216) 251-9933; E-mail: sound@bright.net; website: www.essiacoustical.com.
- B. Products/Systems: Acoustical Wall and Sound Absorber Panels, including the following:
  - 1. Wall/Absorber Panels:
    - a. Manufacturer Designation: MODEL W-106: Faced rigid fiberglass core with chemically hardened edge for impact resistant exposure, nominal 1" thickness.
    - b. Standard mounting at walls.

### **2.2. PRODUCT SUBSTITUTIONS**

- A. Substitutions: When approved by Architect.

### **2.3. MATERIALS**

- A. Impact Resistant Fiberglass Core: Manufacturer's standard rigid fiberglass core 6 - 7 pcf (96 - 112 kg/m<sup>3</sup>) density with a 1/8" (3.2 mm) thick fiberglass facer, 16 pcf (256 kg/m<sup>3</sup>) density, laminated to core.
- B. Facing Material: Manufacturer's standard facing material as follows:
  - 1. Fabric: Guilford FR 701 Style 2100, a maximum of two colors will be selected.

### **2.4. MANUFACTURED UNITS**

- A. Acoustical Wall Panels: Provide acoustical panels complying with the following:
  - 1. Facing: Fabric-faced one side, including reveals, if any.
  - 2. Core Construction: Rigid fiberglass with chemically hardened edge.
  - 3. Edge Detail: Square
  - 4. Thickness: Nominal 1" (25.4 mm)
  - 5. Size: Refer to Reflected ceiling plans.
  - 6. Noise Reduction Coefficient (ASTM C423): NRC 0.80 for 1" (25.4 mm) thick panels.
  - 7. Surface Burning Characteristics (ASTM E84): Flamespread 25 or less, Class A.
  - 8. Installation: Permanent using screw and washer method at ceilings and standard mounting at walls.

### **2.5. ACCESSORIES**

- 1. Adhesive: Manufacturer's recommended adhesive applied to back of panels.

## **PART 3 EXECUTION**

### **3.1. MANUFACTURER'S INSTRUCTIONS**

- A. Comply with the instructions and recommendations of the acoustical wall panel manufacturer.

### **3.2. EXAMINATION**

- A. Site Verification of Conditions:
  - 1. Verify that conditions are satisfactory for installation of wall panels.
  - 2. Do not begin acoustical panel installation until wet work such as concrete, plastering and terrazzo work is completely dry.
  - 3. Do not proceed with installation until unsatisfactory conditions are corrected.

### **3.3. INSTALLATION**

- A. Allow acoustical panels sufficient time to stabilize to ambient temperature and humidity conditions in the building before proceeding with installation.
- B. Install acoustical panels fitted accurately into pattern indicated.
  - 1. Scribe panels to fit adjacent construction.
  - 2. Wrap around cut edges with Fabric

### **3.4. CLEANING**

- A. Clean exposed surfaces of acoustical wall panels that have become soiled during handling and installation in compliance with manufacturer's recommended methods. Remove and replace wall panels that cannot be completely and successfully cleaned.
- B. At the end of each workday, remove and properly dispose of waste and discarded materials.

### **3.5. PROTECTION**

- A. Protect finished work from damage due to subsequent construction activity on the site.

**END OF SECTION**

**SECTION 099123  
PAINTING**

**PART 1 GENERAL**

**1.1. DESCRIPTION**

- A. Work included: Paint and finish the interior exposed surfaces listed on the Painting Schedule in Part 3 of this Section, including wall texture as specified herein, and as needed for a complete and proper installation.
1. Provide final painting of fixtures, furnishings, doors, frames, security grating, etc.
  2. Provide painting of door identification required in Section 104000.
- B. Related work:
1. Documents affecting work of this Section include, but are not necessarily limited to, general Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
  2. Priming or priming and finishing of certain surfaces may be specified to be factory-performed or installer performed under pertinent other Sections.
- C. Work not included:
1. Unless otherwise indicated, painting is not required on surfaces in concealed areas and inaccessible areas such as furred spaces, foundation spaces, utility tunnels, pipe spaces, and duct shafts.
  2. Metal surfaces of anodized aluminum, stainless steel, chromium plate, copper, bronze, and similar finished materials will not require painting under this Section except as may be so specified.
  3. Do not paint moving parts of operating units, mechanical or electrical parts, such as valve operators, linkages, sensing devices, and motor shafts, unless otherwise indicated.
  4. Do not paint over required labels or equipment identification, performance rating, name, or nomenclature plates.
  5. Do not paint pre-finished metals, except where shown on the Drawings.
- D. Definitions:
1. "Paint", as used herein, means coating systems materials including primers, emulsions, epoxy, enamels, sealers, fillers, and other applied materials whether used as prime, intermediate, or finish coats.

**1.2. QUALITY ASSURANCE**

- A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.
- B. Paint coordination:
1. Provide finish coats which are compatible with the prime coats actually used.

2. Review other Sections of these Specifications as required, verifying the prime coats to be used and assuring compatibility of the total coating system for the various substrata.
3. Upon request, furnish information on the characteristics of the specific finish materials to assure that compatible prime coats are used.
4. Provide barrier coats over non-compatible primers, or remove the primer and re-prime as required.
5. Notify the Architect in writing of anticipated problems in using the specified coating systems over prime coatings supplied under other Sections.

### **1.3. JOB CONDITIONS**

- A. Do not apply solvent-thinned paints when the temperature of surfaces to be painted and the surrounding air temperatures are below 45 degrees F, unless otherwise permitted by the manufacturer's printed instructions as approved by the Architect.
- B. Weather conditions:
  1. Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds 85%, or to damp or wet surfaces, unless otherwise permitted by the manufacturer's printed instructions as approved by the Architect.
  2. Applications may be continued during inclement weather only within the temperature limits specified by the paint manufacturer as being suitable for use during application and drying periods.

### **1.4. EXTRA STOCK**

- A. Upon completion of the work of this Section, deliver to the Owner an extra stock equaling 2% (with a minimum of 1 gallon and maximum of 5 gallons) of each color, type, and gloss of paint used in the work, tightly sealing each container, and clearly labeled with contents and location where used.

## **PART 2 PRODUCTS**

### **2.1. PAINT MATERIALS**

- A. Acceptable materials:
  1. Paint products of Glidden, Sherwin Williams, Monarch Paint, or other manufacturers approved in advance by the Architect, may be substituted in accordance with provisions of the Contract.
  2. Where products are proposed other than those specified by name and number in the Painting Schedule, provide under the product data submittal required by Article 1.3 of this Section a new painting schedule compiled in the same format used for the Painting Schedule included in this Section.
  3. All paint products used on the interior of the building shall meet Class A requirements for interior finish materials (flame spread 0-25, smoke developed 0-450 in accordance with NFPA 255).
- B. Undercoats and thinners:
  1. Provide undercoat paint produced by the same manufacturer as the finish coat.

2. Use only the thinners recommended by the paint manufacturer, and use only to the recommended limits.
3. Insofar as practicable, use undercoat, finish coat, and thinner material as parts of a unified system of paint finish.

## **2.2. COLOR SCHEDULES**

- A. The Architect will prepare a color schedule with samples for guidance in painting.
- B. The Architect may select, allocate, and vary colors on different surfaces throughout the work, subject to the following:
  1. Exterior work: A maximum of two different colors will be used, with variations for trim, doors, miscellaneous work, and metalwork.
  2. Interior work: A maximum of three different pigmented colors will be used, with variations for trim and wall surfaces and wainscots.
  3. Dark tones: A maximum of two dark tones will be used as accent colors for interior, to include painted bases of walls.

## **2.3. APPLICATION EQUIPMENT**

- A. For application of the approved paint, use only such equipment as recommended for application of the particular paint by the manufacturer of the particular paint, and as approved by the Architect.
- B. Prior to use of application equipment, verify that the proposed equipment is actually compatible with the material to be applied, and that integrity of the finish will not be jeopardized by use of the proposed equipment.
- C. Use rollers to apply masonry block filler and block filler applied to exposed concrete plank ceilings. Filler must be applied thoroughly. Visible holes are not acceptable.

## **2.4. OTHER MATERIALS**

- A. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the Contractor subject to the approval of the Architect at no additional cost to the Owner.

# **PART 3 EXECUTION**

## **3.1. SURFACE CONDITIONS**

- A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.

### **3.2. MATERIALS PREPARATION**

#### **A. General:**

1. Mix and prepare paint materials in strict accordance with manufacturers' recommendations.
2. When materials are not in use, store in tightly covered containers.
3. Maintain containers used in storage, mixing, and application of paint in a clean conditions, free from foreign materials and residue.

#### **B. Stirring:**

1. Stir materials before application, producing a mixture of uniform density.
2. Do not stir into the material any film which may form on the surface, but remove the film and, if necessary, strain the material before using.

### **3.3. SURFACE PREPARATION**

#### **A. General:**

1. Perform preparation and cleaning procedures in strict accordance with the paint manufacturer's recommendations.
2. Apply masonry block filler and block filler applied to exposed concrete ceilings with rollers and verify no porous conditions remain prior to applying paint.
3. Remove removable items which are in place and are not scheduled to receive paint finish, or provide surface applied protection prior to surface preparation and painting operations.
4. Following completion of painting in each space or area, reinstall the removed items by using workmen who are skilled in the necessary trades.
5. Clean each surface to be painted prior to applying paint of surface treatment.
6. Remove oil and grease with clean cloths and cleaning solvent of low toxicity and flash point in excess of 200°F, prior to start of mechanical cleaning.
7. Schedule the cleaning and painting so that dust and other contaminants from the cleaning process will not fall onto wet newly painted surfaces.

#### **B. Preparation of metal surfaces:**

1. Thoroughly clean surfaces until free from dirt, oil, and grease.
2. Allow to dry thoroughly before application of paint.
3. For galvanized metal, etch the surface with galvaprep type acid and allow to dry thoroughly.

### **3.4. PAINT APPLICATION**

#### **A. General:**

1. Touch-up shop-applied prime coats which have been damaged, and touch-up bare areas prior to start of finish coats application.
2. Slightly vary the color of succeeding coats.
  - a. Do not apply additional coats until the completed coat has been inspected and approved.
  - b. Only the inspected and approved coats of paint will be considered in determining the number of coats applied.

3. Sand and dust between coats to remove defects visible to the unaided eye from a distance of five feet.
  4. On removable panels and hinged panels, paint the back sides to match the exposed sides.
- B. Drying:
1. Allow sufficient drying time between coats, modifying the period as recommended by the material manufacturer to suit adverse weather conditions.
  2. Consider oil-base and oleo-resinous solvent-type paint as dry for recoating when the paint feels firm, does not deform or feel sticky under moderate pressure of the thumb, and when the application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.
- C. Brush applications:
1. Brush out and work the brush coats onto the surface in an even film.
  2. Cloudiness, spotting, holidays, laps, brush mark runs, sags, ropiness, and other surface imperfections will not be acceptable.
- D. Spray applications:
1. Except as specifically otherwise approved by the Architect, confine spray application to metal framework and similar surfaces where hand brush work would be inferior.
  2. Where spray application is used, apply each coat to provide the hiding equivalent of brush coats.
  3. Do not double back with spray equipment to build up film thickness of two coats in one pass.
- E. For completed work, match the approved samples as to texture, color, and coverage. Remove, refinish, or repaint work not in compliance with the specified requirements.

### **3.5. SCHEDULE OF FINISHES**

- A. General - All materials shall be products and manufacturers as scheduled or approved equal. Where more than one product is listed, it is the Contractor's option as to which product to use.
- B. Interior Surfaces:
1. All concrete masonry units, pre-cast concrete plank ceilings including portions of concrete plank ceilings not covered by glued-on acoustical ceiling tiles shall be given:
    - a. 1 coat Acrylic Block Filler  
(rolled application, spray application NOT permitted)
    - b. 2 or more coats Latex Semi-Gloss

**END OF SECTION**

**SECTION 125500  
SECURITY FURNISHINGS**

**PART 1 GENERAL**

**1.1. SCOPE OF WORK:**

- A. Detention Systems Contractor
  1. Furnish and install Security Furnishings indicated on drawings and in schedules.
  2. Furnish to the General Contractor for installation, all embedded anchors for Security Furnishings.
  3. Coordinate installation of embedded items with General Contractor.
- B. General Contractor's Responsibilities:
  1. Install embedded anchors for Security Furnishings in accordance with manufacturer's and Detention Systems Contractor's shop drawings.
  2. Coordinate installation of embedded items with Detention Systems Contractor, mason, and other sub-contractors as required.

**1.2. RELATED WORK:** Specified Elsewhere:

- A. 042000 - Masonry
- B. 079200 - Joint Sealants
- C. 099123 - Painting

**1.3. QUALITY ASSURANCE**

- A. Manufacturer's Qualifications: Manufacturers of security equipment shall be a nationally recognized firm specializing in the design and manufacture of the equipment as listed herein for a period of not less than ten (10) years.

**1.4. SUBMITTALS**

- A. Make submittals in accordance with the requirements of Division 1 Section 013300.
- B. An authorized representative of the contracting firm shall sign all submittals and shop drawings indicating conformance with plans and specifications before submitting to the Owner.
- C. All submittals shall include adequate descriptive literature, catalog cuts, shop drawings and other data necessary for the Architect to ascertain that the proposed equipment and materials comply with the specification requirements. Catalog cuts shall be legible and shall clearly identify the equipment being submitted.

**1.5. PRODUCT HANDLING**

- A. Comply with requirements of Division 1, Section 166000.

## **PART 2 PRODUCTS**

### **2.1. SECURITY EQUIPMENT SCHEDULE**

- A. Acceptable Manufacturers of Security Furnishings:
1. ClAborne Manufacturing Co. – Hartsell, AL
  2. Viking Products – Orange, CA
  3. Bob Barker Company, Inc.
  4. Creative Industries
  5. C.R. Lawrence Co.
  6. Tiffin Metal Products
  7. Norix Furniture
  8. Spacesaver
  9. Majestic Solutions, Inc. – Madison, AL
- B. Products by manufacturers other than those specified are acceptable provided they are equal in construction and dimensional requirement established by the product specified.

### **2.2. SECURITY FURNISHINGS**

1. Detention Stool – Wall Mounted
  2. Construction
    - a. Stool seat shall be 12" diameter with 1½" flange, fabricated of 14-gauge stainless steel.
    - b. Provide ¾"×4" steel bar arm seat support. Seat support shall be constructed of 2¾" diameter iron pipe welded to a steel plate for seat reinforcement.
    - c. Provide anchor devices and security fasteners as detailed.
  3. All steel components to be provided with one (1) shop coat of zinc chromate primer.
  4. Finished painted prior to shipment.
- B. Detention Stool – Wall Mounted Swing Away
1. Construction
    - a. Typical mount 18" above finished floor
    - b. Seat shall be 12" diameter with 1½" flange, fabricated of 14-gauge stainless steel.
    - c. Wall mounting plate to be ¼"×8"×8" with holes for anchor bolt installation.
    - d. Mount shall allow seat to swivel and not impact wall.
  2. All steel components to be provided with one (1) shop coat of zinc chromate primer.
  3. Finished painted prior to shipment.
- C. Thru-Glass Two-Way Electronic Communicator Speaking Device
1. Approved manufacturer: Norcon Communications, Inc.
  2. Catalog number: TTU-3X
    - a. 120V AC
    - b. Satin Anodized

### **2.3. SECURITY/DETENTION EQUIPMENT ACCESSORIES**

- A. Provide accessories, anchorage inserts, steel embeds and security fasteners for a complete tamperproof installation.
- B. Exposed Security Fasteners:
  - 1. Provide torx-head (star with center pin) security fasteners for anchoring work in exposed areas. Spanner or other types are not acceptable.
  - 2. Provide tools for fastening devices.

### **PART 3 EXECUTION**

#### **3.3. GENERAL**

- A. Comply with requirements of other Divisions of these Specifications.

#### **3.4. INSTALLATION**

- A. Comply with manufacturer's recommendations and instructions given by the General Contractor.
- B. All shipping of detention equipment hardware and coordination with other detention equipment shall be the responsibility of the Detention Systems Contractor.
- C. Do not bolt furniture to slab until the Owner and Architect have reviewed and approved its placement.

#### **3.5. FIELD QUALITY CONTROL**

- A. Comply with requirements of other Divisions of these Specifications.

#### **3.6. ADJUSTMENT AND REPAIRING**

- A. Comply with requirements of other Divisions of these Specifications.

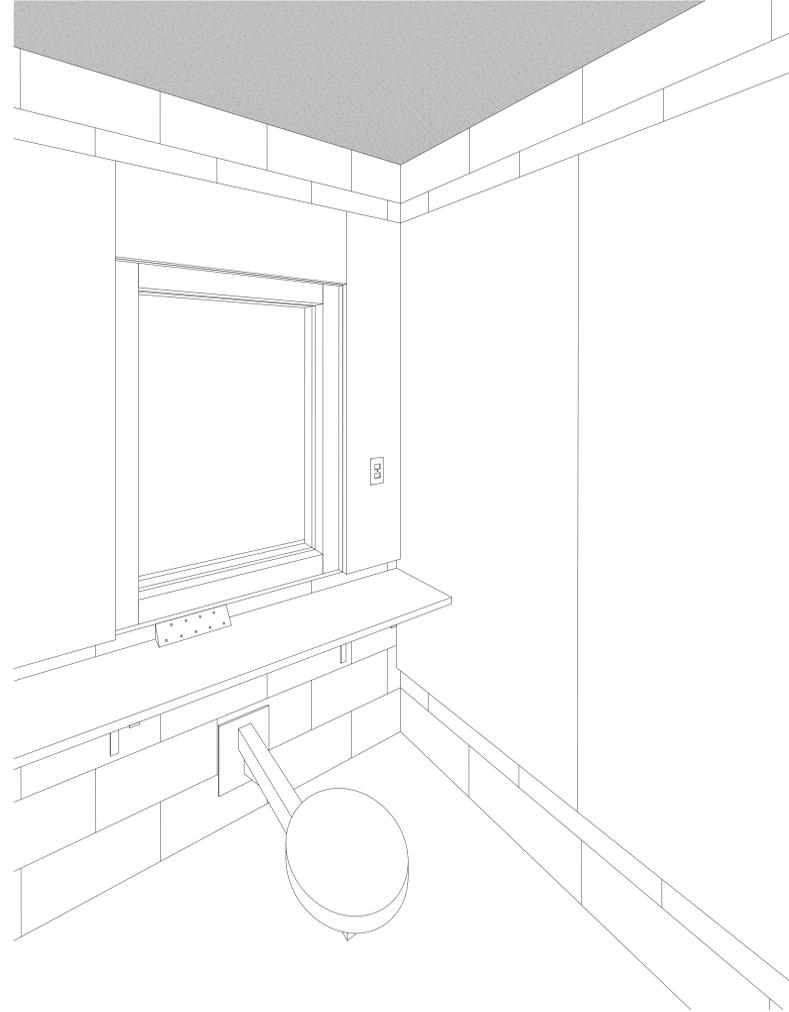
#### **3.7. PROTECTION AND CLEANING**

- A. Comply with requirements of other Divisions of these Specifications.

**END OF SECTION**

EXHIBIT B  
**BURNET COUNTY JAIL**  
**VISITATION RENOVATIONS**

900 COUNTY LANE, BURNET, TX78611  
 BURNET, TEXAS



**COUNTY JUDGE**  
**COMMISSIONER PRECINCT 1**  
**COMMISSIONER PRECINCT 2**  
**COMMISSIONER PRECINCT 3**  
**COMMISSIONER PRECINCT 4**  
**SHERIFF**

**BRYAN WILSON**  
**JIM LUTHER, JR**  
**DAMON BEIERLE**  
**CHAD COLLIER**  
**JOE DON DOCKERY**  
**CALVIN BOYD**

GENERAL NOTES:

1. REFER TO PROJECT MANUAL FOR INSTRUCTIONS TO OFFERORS / BIDDERS, PROPOSAL DOCUMENTS, AND SPECIFICATIONS.
2. REFER TO MECHANICAL ENGINEERING DOCUMENTS FOR MECHANICAL SYSTEMS REQUIREMENTS.
3. REFER TO ELECTRICAL ENGINEERING DOCUMENTS FOR ELECTRICAL SYSTEMS REQUIREMENTS.

SHEET LIST	
NUMBER	NAME
A0.0	COVER SHEET
A0.1	OVERALL EXISTING FLOOR PLAN
A1.0	ENLARGED PLANS
A2.0	INTERIOR ELEVATIONS/WALL PARTITION SCHEDULE
A3.0	DOORS AND WINDOWS - SCHEDULES/ELEVATIONS AND DETAILS
ME0.1	OVERALL EXISTING FLOOR PLAN REFERENCE
M1.0	FLOOR PLAN POWER
E1.0	FLOOR PLAN LIGHTING & POWER
E2.0	FIRE ALARM & ELECTRICAL SCHEDULES

MEP ENGINEER  
 BRYAN PARKS & ASSOC.  
 4400 BUFFALO GAP ROAD, SUITE 0800  
 ABILENE, TEXAS 79606  
 325.232.6035  
 RICHARD@BPA-ENGINEERING.COM

ARCHITECT  
 BURNS ARCHITECTURE, LLC.  
 305 21ST ST, SUITE 180  
 GALVESTON, TX 77550  
 817.247.6640  
 KBURNS@BURNS3.COM



NOTE: DO NOT SCALE DRAWING  
**CONSTRUCTION**  
**DOCUMENTS**

No. \_\_\_\_\_  
 Revision \_\_\_\_\_  
 Date \_\_\_\_\_

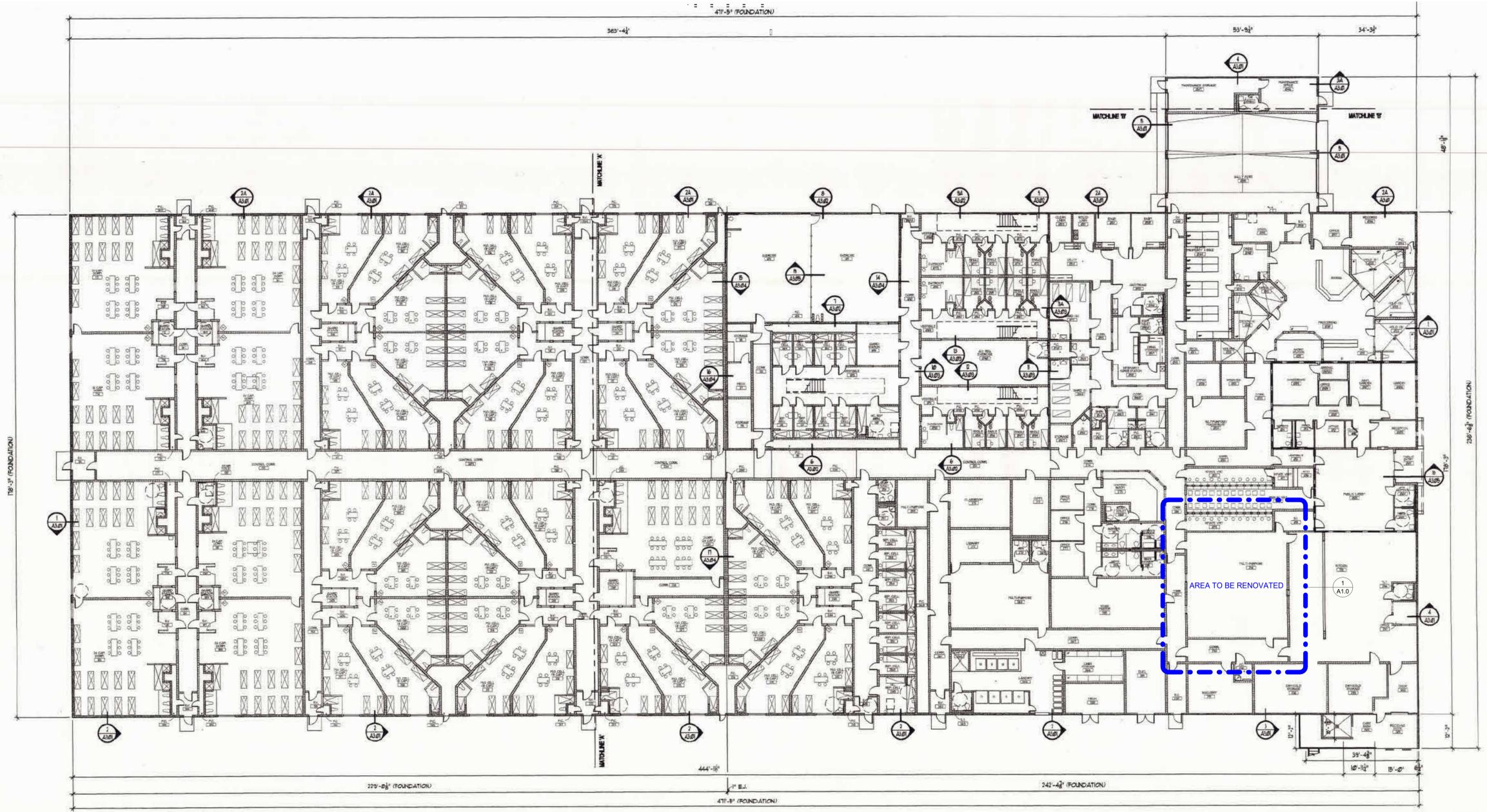
**BURNET COUNTY JAIL**  
 VISITATION RENOVATIONS  
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Project Number  
 BCVR-25  
 Date  
 04/30/25  
 Scale  
 COVER SHEET

**A0.0**



1 OVERALL EXISTING FLOOR PLAN  
1/16" = 1'-0"  
TRUE NORTH



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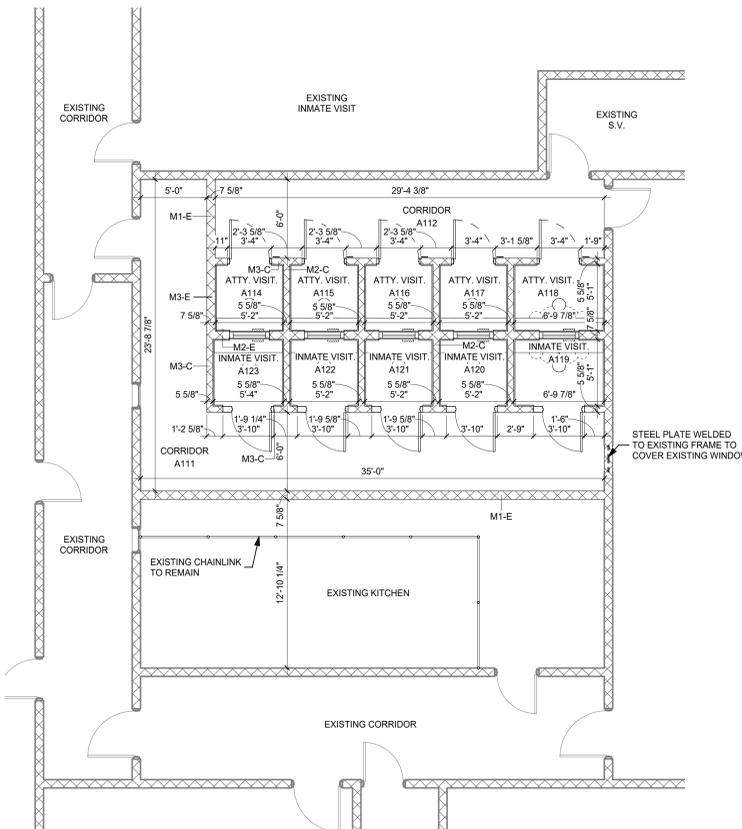
**BURNET COUNTY JAIL**  
VISITATION RENOVATIONS  
900 COUNTY LANE  
BURNET, TEXAS 78611

No.	Revision	Date

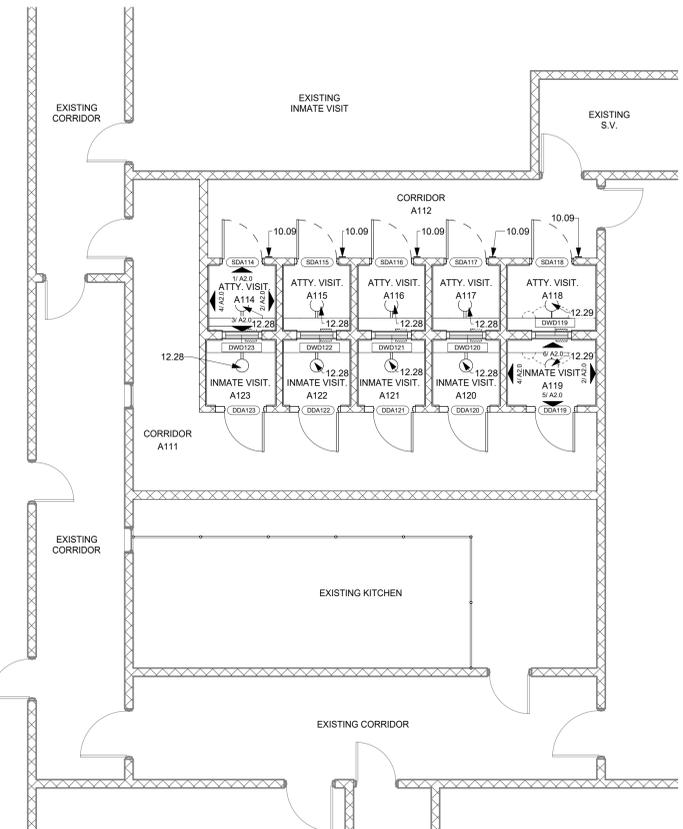
NOTE: DO NOT SCALE DRAWING  
**CONSTRUCTION DOCUMENTS**



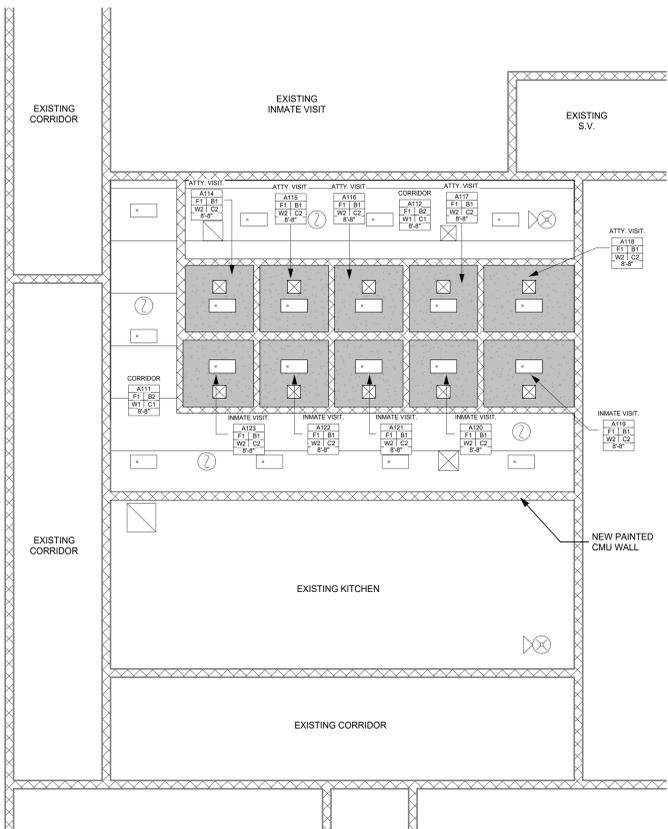
Project Number: BCVR-25  
Date: 04/30/25  
Scale: 1/16" = 1'-0"  
OVERALL EXISTING FLOOR PLAN



1 ENLARGED - DIMENSION PLAN  
3/16" = 1'-0"  
TRUE NORTH

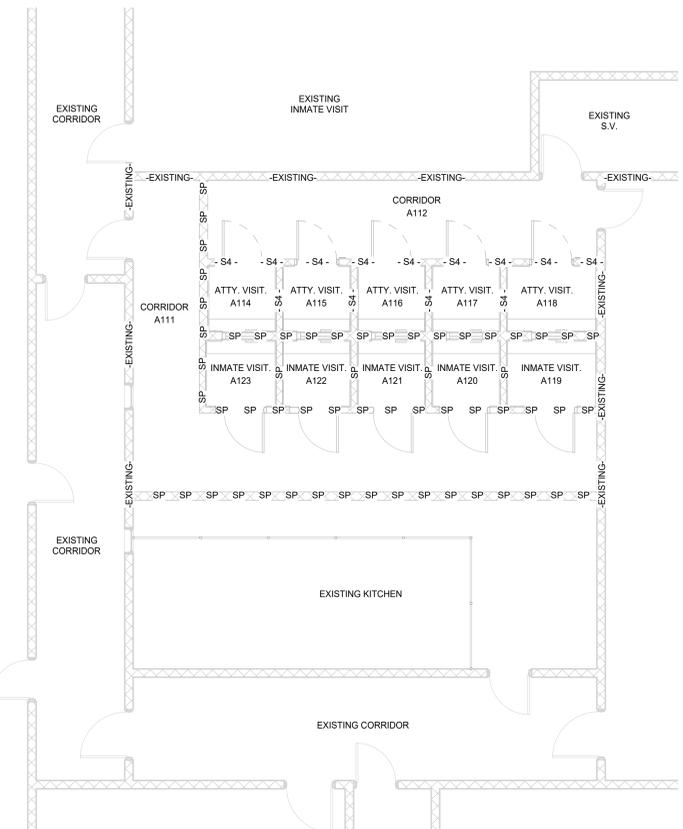


2 ENLARGED - DOORS / WINDOWS / FURNISHINGS PLAN  
3/16" = 1'-0"  
TRUE NORTH

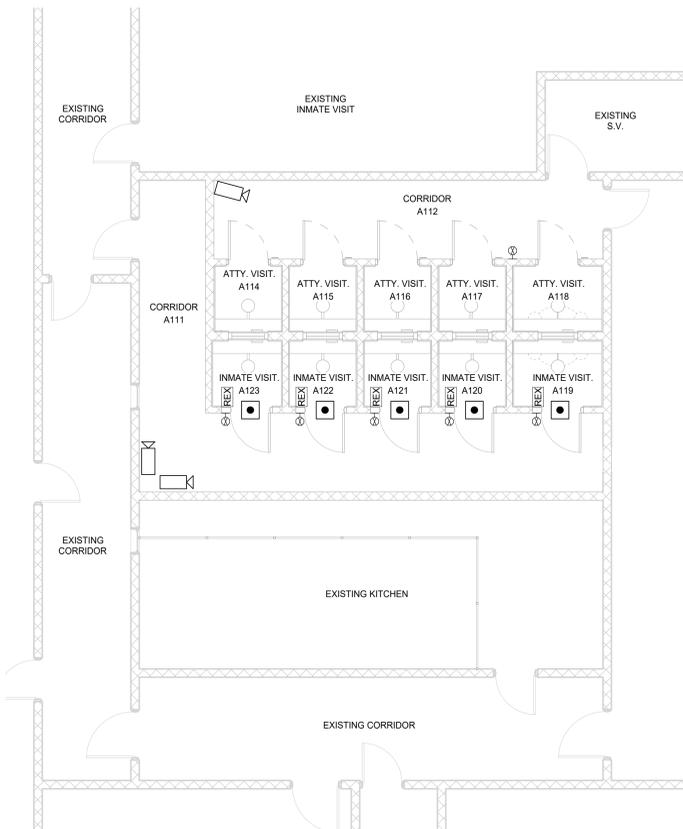


3 ENLARGED - REFLECTED CEILING PLAN  
3/16" = 1'-0"  
TRUE NORTH

**RCP PLAN NOTES:**  
1. SHADED AREA INDICATES CEILING TO RECEIVE 12" x 12" ACOUSTICAL CEILING TILES GLUED DIRECTLY TO CONCRETE PLANKS. REFER TO SPECS.



4 ENLARGED - DETENTION WALL AND CMU REINFORCEMENT  
3/16" = 1'-0"  
TRUE NORTH



5 ENLARGED - SECURITY ELECTRONICS PLAN  
3/16" = 1'-0"  
TRUE NORTH

**SE PLAN NOTES:**  
1. ALL NEW SECURITY ELECTRONIC DEVICES SHALL EXTEND TO AND TIE INTO THE EXISTING SECURITY ELECTRONICS SYSTEM.

**NUMBERED NOTES**

NUMBER	DESCRIPTION
10.09	ROOM SIGNAGE
12.28	WALL MOUNTED STOOL
12.29	WALL MOUNTED SWING AWAY STOOL

**ROOM FINISH LEGEND**

KEY NAME	MATERIAL
F1	EXISTING CONCRETE
B1	NONE
B2	8" PAINTED CMU
W1	PAINTED CMU
W2	1" ACOUSTICAL PANEL FROM 12" A.F.F. TO 12" BELOW CEILING ON CMU. OMIT PANEL BELOW COUNTERTOP AND PAINT WALLS.
C1	EXISTING CONCRETE PLANKS PAINTED.
C2	ACOUSTICAL CEILING TILE GLUED-ON TO EXISTING CONCRETE PLANK PAINTED

**FINISH SCHEDULE LEGEND**

XX	ROOM NUMBER
XX	BASE
XX	CEILING
XX	CEILING HEIGHT

**SECURE WALL TYPE LEGEND:**

MARK	WALL TYPE	REINFORCEMENT
SP	SECURE PERIMETER CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-0" DOWELS INTO SLAB @ 16" O.C.
S4	NON-SECURE CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-0" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

- SECURE WALL NOTES:**
- REINFORCEMENT NOTED HERE INCLUDES ALL VERTICAL REINFORCING REQUIRED FOR STRUCTURAL AND SECURITY REQUIREMENTS UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
  - PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
  - REFER TO ARCHITECTURAL AND STRUCTURAL SECTIONS AND DETAILS FOR REQUIRED CMU BOND BEAMS AND REINFORCEMENT.

**SECURITY ELECTRONICS LEGEND**

IP	IP CCTV CAMERA
EL	ELECTRIC LOCK
INT	INTERCOM
REX	REQUEST TO EXIT (DOOR UNLOCKED AT TOUCHSCREEN UPON REQUEST/NO FREE EXIT)

No.	Revision	Date

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**CONSTRUCTION DOCUMENTS**



Project Number	BCVR-25
Date	04/30/25
Scale	As indicated

NUMBERED NOTES	
NUMBER	DESCRIPTION
4.03	PAINTED CMU
6.12	COUNTERTOP ON 3/4" PLYWOOD - STAINLESS STEEL
8.01	DOOR AND FRAME
8.07	GLAZING
8.16	PAPER PASS
9.10	ACOUSTICAL CEILING TILE GLUED-ON TO CONCRETE PLANK
9.13	1" ACOUSTICAL WALL PANEL
10.51	SUPPORT BRACKET
12.10	SPEAKING DEVICE
12.28	WALL MOUNTED STOOL
12.29	WALL MOUNTED SWING AWAY STOOL
26.02	LIGHT FIXTURE. REF. ELECTRICAL



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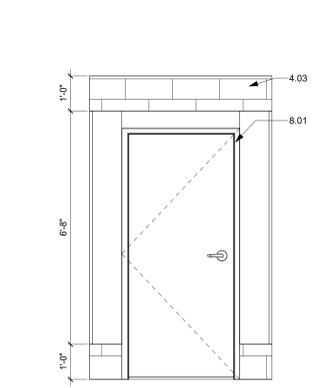
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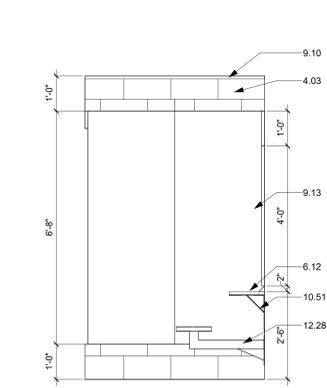


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 Date: 04/30/25  
 Scale: As indicated

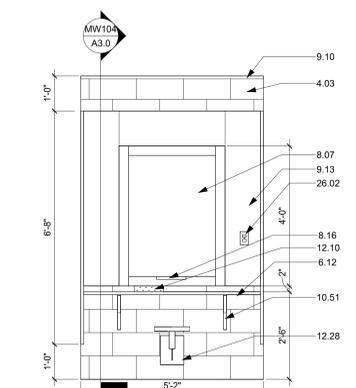
INTERIOR ELEVATIONS/WALL PARTITION SCHEDULE  
**A2.0**



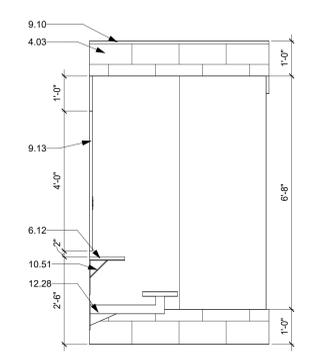
1 INTERIOR ELEVATION  
1/2" = 1'-0"



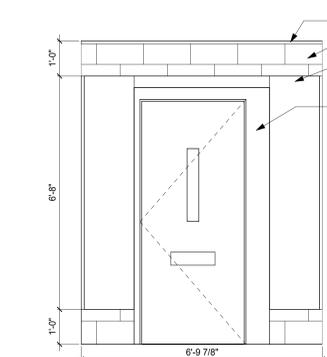
2 INTERIOR ELEVATION  
1/2" = 1'-0"



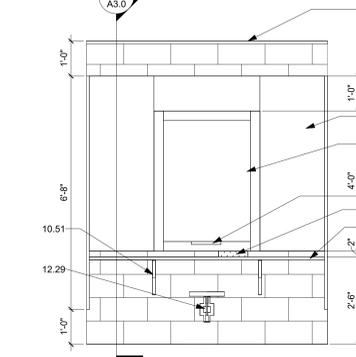
3 INTERIOR ELEVATION  
1/2" = 1'-0"



4 INTERIOR ELEVATION  
1/2" = 1'-0"

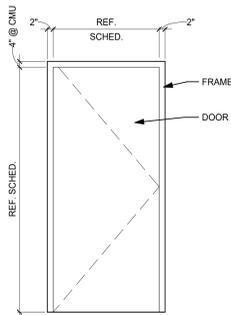


5 INTERIOR ELEVATION  
1/2" = 1'-0"

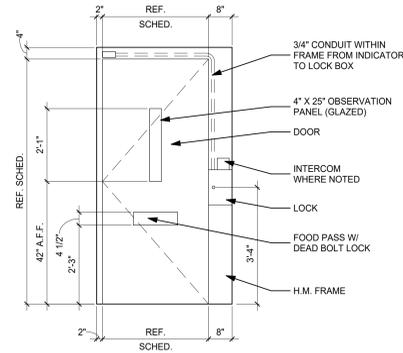


6 INTERIOR ELEVATION  
1/2" = 1'-0"

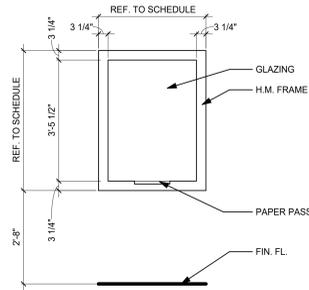
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SD1 DOOR ELEVATION  
1/2" = 1'-0"



DD1 DOOR ELEVATION  
1/2" = 1'-0"



DW1 WINDOW ELEVATION  
1/2" = 1'-0"

STANDARD DOOR SCHEDULE												
MARKER	DOOR ELEVATION	DOOR SIZE / MATERIAL	GLAZING	HEAD	JAMB	MULLION	SILL	HARDWARE SET	U.L. RATING	REMOVABLE STOP SIDE	NUMBERED NOTES	MARKER
SDA114	SD1	3'-0" X 7'-0" / H.M.	-	H2	J1	-	S4	SH-1			-	SDA114
SDA115	SD1	3'-0" X 7'-0" / H.M.	-	H2	J1	-	S4	SH-1			-	SDA115
SDA116	SD1	3'-0" X 7'-0" / H.M.	-	H2	J1	-	S4	SH-1			-	SDA116
SDA117	SD1	3'-0" X 7'-0" / H.M.	-	H2	J1	-	S4	SH-1			-	SDA117
SDA118	SD1	3'-0" X 7'-0" / H.M.	-	H2	J1	-	S4	SH-1			-	SDA118

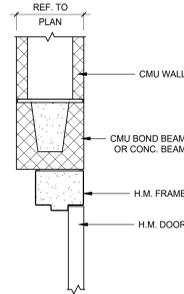
DETENTION DOOR SCHEDULE												
MARKER	DOOR ELEVATION	DOOR SIZE	GLAZING	HEAD	JAMB	MULLION	SILL	HARDWARE SET	U.L. RATING	REMOVABLE STOP SIDE	NUMBERED NOTES	MARKER
DDA119	DD1	3'-0" X 7'-0" / H.M.	SG-1	H2	J1, J13	-	S4	DH-1		A111	-	DDA119
DDA120	DD1	3'-0" X 7'-0" / H.M.	SG-1	H2	J1, J13	-	S4	DH-1		A111	-	DDA120
DDA121	DD1	3'-0" X 7'-0" / H.M.	SG-1	H2	J1, J13	-	S4	DH-1		A111	-	DDA121
DDA122	DD1	3'-0" X 7'-0" / H.M.	SG-1	H2	J1, J13	-	S4	DH-1		A111	-	DDA122
DDA123	DD1	3'-0" X 7'-0" / H.M.	SG-1	H2	J1, J13	-	S4	DH-1		A111	-	DDA123

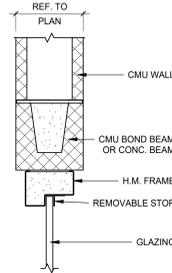
WINDOW SCHEDULE												
MARK	WINDOW ELEVATION	WINDOW SIZE	GLAZING	HEAD	JAMB	MULLION	SILL	UL RATING	REMOVABLE STOP SIDE	NUMBERED NOTES	MARK	
DWD119	DW1	3'-0" X 4'-0" / H.M.	SG-1	H20	J26	-	S11		A119		DWD119	
DWD120	DW1	3'-0" X 4'-0" / H.M.	SG-1	H20	J26	-	S11		A120		DWD120	
DWD121	DW1	3'-0" X 4'-0" / H.M.	SG-1	H20	J26	-	S11		A121		DWD121	
DWD122	DW1	3'-0" X 4'-0" / H.M.	SG-1	H20	J26	-	S11		A122		DWD122	
DWD123	DW1	3'-0" X 4'-0" / H.M.	SG-1	H20	J26	-	S11		A123		DWD123	

- GLAZING NOTES (NOT ALL NOTES MAY APPLY):**
- SG-1 : NON-RATED DETENTION GLASS
  - SG-2 : 45 MINUTE FIRE RATED DETENTION GLASS
  - SG-3 : 90 MINUTE FIRE RATED DETENTION GLASS
  - SG-4 : BULLET RESISTANT GLASS
  - TTU : TINTED TEMPERED INSULATED GLASS
  - TIU : TINTED INSULATED GLASS
  - CT : CLEAR TEMPERED GLASS
  - FRG : 45 MINUTE FIRED RATED INSULATED GLASS

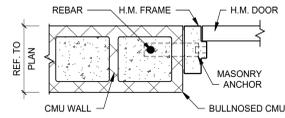
- DOOR AND WINDOW NOTES (NOT ALL NOTES MAY APPLY):**
- PREFIX "DD" INDICATES DETENTION DOOR.
    - A. DETENTION DOOR FRAMES ARE 12 GA. MATERIAL.
    - B. DETENTION DOORS ARE 14 GA. MATERIAL.
  - PREFIX "SD" INDICATES STANDARD ARCHITECTURAL DOOR.
    - A. STANDARD DOOR FRAMES ARE 16 GA. MATERIAL.
    - B. STANDARD HOLLOW METAL DOORS ARE 18 GA. MATERIAL. ALL STANDARD ARCHITECTURAL DOORS ARE HOLLOW METAL UNLESS NOTED OTHERWISE IN THE DOOR SCHEDULE.
  - PREFIX "DW" INDICATES DETENTION WINDOW.
    - A. DETENTION WINDOW FRAMES ARE 12 GA. MATERIAL.
  - INSTALL FRAMES SO THAT REMOVABLE GLASS STOPS ARE ALWAYS LOCATED ON THE MOST SECURE SIDE OF THE ROOM THEY ARE TO BE INSTALLED IN NO MATTER HOW THEY ARE DEPICTED IN THE DETAILS. FOR EXAMPLE, INMATE SIDE OF PUBLIC VISITATION, DAYROOM SIDE OF MULTI-OCCUPANCY CELLS, OPEN AREAS OF BOOKING AREA AT HOLDING / DETOX CELLS, ETC.



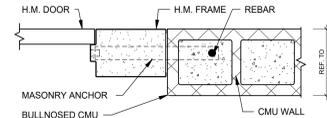
H2 HEAD DETAIL  
1 1/2" = 1'-0"



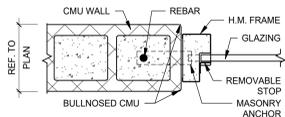
H20 HEAD DETAIL  
1 1/2" = 1'-0"



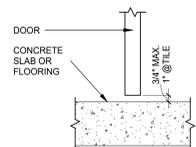
J1 JAMB DETAIL  
1 1/2" = 1'-0"



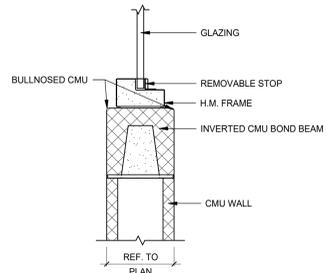
J13 JAMB DETAIL  
1 1/2" = 1'-0"



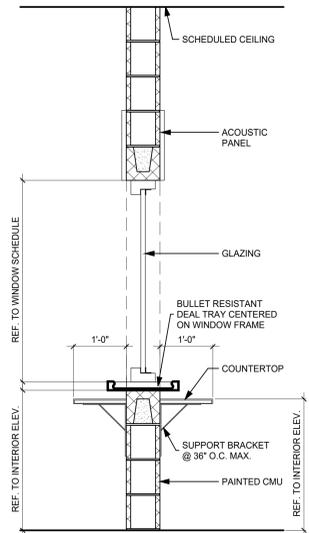
J26 JAMB DETAIL  
1 1/2" = 1'-0"



S4 SILL DETAIL  
1 1/2" = 1'-0"



S11 SILL DETAIL  
1 1/2" = 1'-0"



MW104 MILLWORK SECTION  
3/4" = 1'-0"



BURNS ARCHITECTURE, LLC  
305-21ST ST, SUITE 1180  
GALVESTON, TX 77550  
Copyright 2025;  
KENNETH C. BURNS, AIA.

**BURNET COUNTY JAIL**  
VISITATION RENOVATIONS  
900 COUNTY LANE  
BURNET, TEXAS 78611

No.	Revision	Date

NOTE: DO NOT SCALE DRAWING  
**CONSTRUCTION DOCUMENTS**



Project Number: BCVR-25  
Date: 04/30/25  
Scale: As indicated  
**DOORS AND WINDOWS - SCHEDULES/ELEVATIONS AND DETAILS**

**A3.0**

NOTES

GENERAL NOTES:

- REFER COMPLETE SET OF CONTRACT DOCUMENTS: ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION & ELECTRICAL.
- ALL WORK SHALL BE IN COMPLIANCE WITH THE LOCAL GOVERNING AUTHORITY, ADOPTED BUILDING CODES AND AMENDMENTS TO INCLUDE, BUT NOT LIMITED TO THE FOLLOWING:
  - 2021 INTERNATIONAL BUILDING CODE
  - 2021 INTERNATIONAL MECHANICAL CODE
  - 2021 INTERNATIONAL PLUMBING CODE
  - 2021 INTERNATIONAL ENERGY CONSERVATION CODE
  - 2021 INTERNATIONAL FIRE CODE
  - 2023 NATIONAL ELECTRIC CODE
  - 2012 TEXAS ACCESSIBILITY CODE (TAS)
- EXISTING CONDITIONS INDICATED WERE TAKEN FROM OWNERS RECORD DRAWINGS AND SITE VISITS AND ARE PROVIDED AS AN AID TO THE CONTRACTOR IN ASCERTAINING THE SCOPE OF HIS WORK. NEITHER THE OWNER NOR THE ARCHITECT/ENGINEER GUARANTEE THE ACCURACY OR THE COMPLETENESS OF THE CONDITIONS AS INDICATED HEREIN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE JOBSITE IN ORDER TO FULLY UNDERSTAND THE SCOPE OF HIS WORK. SHOULD THE CONTRACTOR IDENTIFY ANY DISCREPANCIES WHICH AFFECT HIS WORK, HE SHALL ADVISE THE ARCHITECT/ENGINEER OF SAID OMISSIONS PRIOR TO SUBMITTING HIS BID.

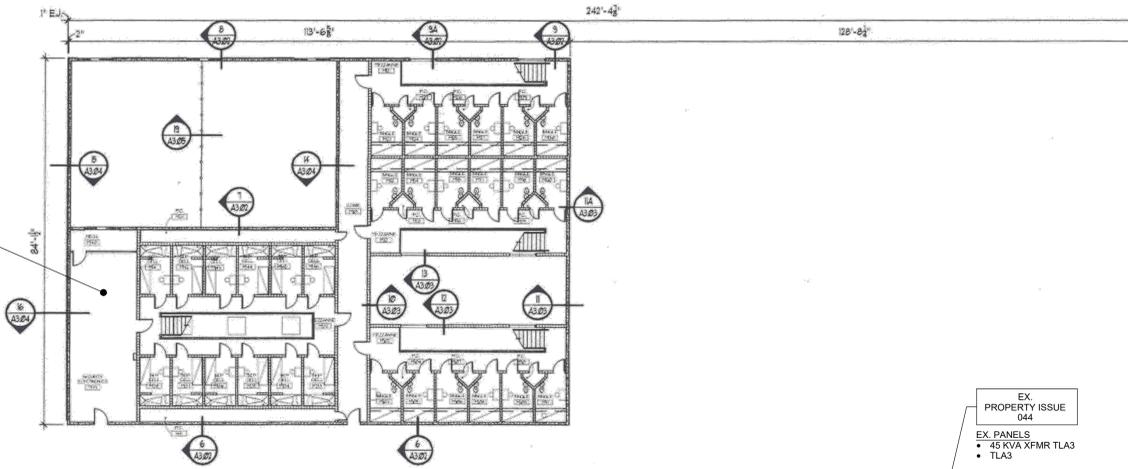
- EX. ATTIC SPACE
- EX. PANELS
- HB
  - 75KVA XFMR TLB
  - LB
  - EHB
  - 30 KVA XFMR TELB
  - ELB
  - MCCC
- EX. RELAY PANELS
- RL3
  - RL4

- EX. SECURITY, ELEC. M139
- EX. FIRE ALARM PANEL
- "GE" MODEL EST-3

- EX. CONTROL RM. 279
- EX. FIRE ALARM ANNUNCIATOR PANEL

- EX. ELECT. RM. 289

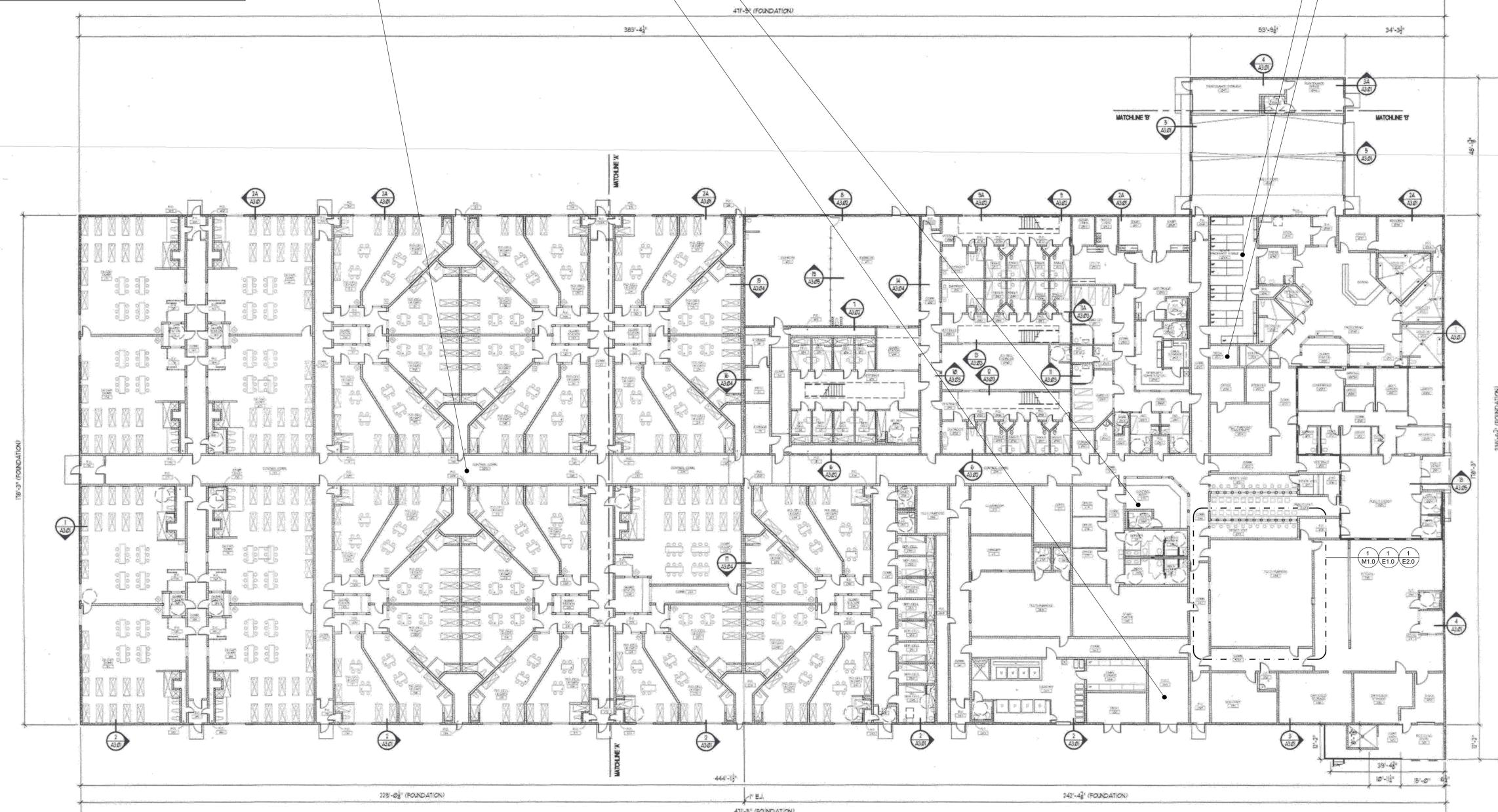
- EX. PANELS
- MSB
  - ATS
  - EMDP
  - EHA
  - MCCA
  - 75KVA XFMR TELA
  - ELA
  - HA
  - 112.5KVA XFMR TLA
  - LA
  - 45KVA XFMR TLA2
  - LA2
- EX. RELAY PANELS
- RL2



2 COMPOSITE MEZZANINE PLAN  
A1/00 SCALE: 1/16" = 1'-0"

- EX. PROPERTY ISSUE 044
- EX. PANELS
- 45 KVA XFMR TLA3
  - TLA3

- EX. MECH ROOM 027
- EX. PANELS
- EHA2
  - MCCB
- RELAY PANELS
- RL1



1 OVERALL EXISTING FLOOR PLAN - REFERENCE  
1/16" = 1'-0"  
TRUE NORTH

No.	Revision	Date

NOTE: DO NOT SCALE DRAWING  
CONSTRUCTION  
DOCUMENTS



**Bryan Parks & Associates, Inc.**  
TEXAS REGISTERED ENGINEERING FIRM # F15182  
2000 W. WINDYBROOK ROAD  
SUITE 600  
AUSTIN, TEXAS 78756, TEL: (737) 232-2521

Project Number	BCVR-25
Date	04/30/2025
Scale	As indicated
OVERALL EXISTING FLOOR PLAN REFERENCE	

ME0.1

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  - 2021 INTERNATIONAL MECHANICAL CODE,
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  - 2021 INTERNATIONAL ENERGY CONSERVATION CODE,
  - 2021 INTERNATIONAL FIRE CODE,
  - 2023 NATIONAL ELECTRIC CODE,
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- EXISTING INSTRUMENTATION AND CONTROLS CONTRACTOR: ANY MODIFICATIONS / CHANGES / ADDITIONS REQUIRED TO EXISTING CONTROLS SHALL BE PERFORMED BY VENDOR APPROVED BY OWNER.
- SELECT DUCTWORK, DIFFUSERS, AND GRILLES ARE TO BE REMOVED AND OR MODIFIED AS NOTED.
- ALL OPENINGS / PENETRATIONS THRU SECURE WALLS, CEILINGS, FLOORS, GREATER THAN 8" SHALL HAVE SECURITY BARS 6" ON CENTER, BOTH DIRECTIONS.
- MECHANICAL EQUIPMENT AND MATERIALS FOR THE PROJECT SHALL BE NEW AND SHALL BE APPROVED, IDENTIFIED, LABELED, AND LISTED FOR USE BY A TESTING LABORATORY RECOGNIZED BY THE BUILDING OFFICIAL. LISTED OR LABELED EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH INSTRUCTIONS INCLUDED IN THE LISTING OR LABELING.
- DUCT SIZES SHOWN ARE CLEAR AIR STREAM DIMENSIONS, ADJUST SIZES TO ACCOMMODATE INSULATION (AS SPECIFIED).
- DUCTWORK SHALL BE EXTERIOR INSULATED UNLESS OTHERWISE NOTED.
- PROVIDE A FLEXIBLE CONNECTION AT THE INTAKE AND DISCHARGE OF ALL MOTOR DRIVEN EQUIPMENT.
- PROVIDE FIRE DAMPERS, FIRE/SMOKE DAMPERS, AND FIRE STOP AS REQUIRED BY CODE AUTHORITIES FOR DUCT PENETRATIONS THROUGH FIRE RATED WALLS, CEILINGS, AND SMOKE COMPARTMENTS. REFER ARCHITECTURAL DRAWINGS.
- PROVIDE BALANCING DAMPERS, SPLITTER DAMPERS, OR AIR EXTRACTORS WITH LOCKING HANDLES IN ALL BRANCH DUCTS AND ALL TAKEOFFS.
- CONSTRUCT ALL DUCTWORK IN ACCORDANCE WITH S.M.A.C.N.A. STANDARDS.
- MECHANICAL EQUIPMENT SUPPORTS, AIR DUCTS, OR FITTINGS NOT SHOWN ON PLAN BUT IMPLIED FOR PROPER INSTALLATION, OPERATION OF SYSTEMS, OR CODE COMPLIANCE SHALL BE CONSIDERED AS PART OF THE MECHANICAL CONTRACTOR'S RESPONSIBILITY. MECHANICAL CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL ELECTRICAL EQUIPMENT REQUIRED FOR THE PROPER OPERATION OF THE MECHANICAL EQUIPMENT IS PROVIDED AND PROPERLY CONNECTED BY THE ELECTRICAL CONTRACTOR.

LEGEND:

- EXISTING DUCTWORK
- NEW DUCTWORK

DIVISION 23 - HVAC

- 23.01** DEMO EXISTING GRILLE SHOWN CROSSHATCHED. PATCH AND REPAIR OPENING. IN 10-INCH HOLLOW CORE PLANK, CREATED FROM DEMOLITION OF EXISTING.
- 23.02** CONNECT NEW DUCTWORK TO EXISTING AND EXTEND AS INDICATED. INSTALL NEW AIR DEVICES IN 10-INCH HOLLOW CORE PLANK AS SHOWN. PROVIDE EXTERIOR INSULATION ON ALL NEW DUCTWORK AND REPAIR / PATCH EXISTING AROUND DEMOLITION AND NEW CONNECTIONS.
- 23.03** TEST & BALANCE EXISTING AIR HANDLING UNIT (AHU-15) SYSTEMS AFTER ALL MODIFICATIONS HAVE BEEN COMPLETED. PROVIDE NEW AIR FILTERS PRIOR TO TEST & BALANCE. VERIFY EXACT CONDITIONS AT JOBSITE.

EXISTING AIR HANDLING UNIT SCHEDULE																									
MARK	TYPE	SUPPLY AIRFLOW CFM	OUTSIDE AIRFLOW CFM	E.S.P. IN. W.C.	COOLING WATER COIL							ELECTRICAL DATA					WEIGHT LBS	MFG.	MODEL	SERIAL					
					TOTAL MBH	SENSIBLE MBH	E.A.T. DB °F	L.A.T. DB °F	E.W.T. DB °F	GPM	PD FT.	ROWS	FINS/INCH	VOLTS	HZ	PH					HEAT KW	MOTOR HP	FLA	MCA	MCA
AHU-15	CONSTANT	3750	1600	1.00	157.30	121.10	86.5	56.9	44.0	31.5	5.80	3	15	460	60	3	20	2.9	4.3	34.3	35	1195	CARRIER	40RMS014-601HC	3308U23426

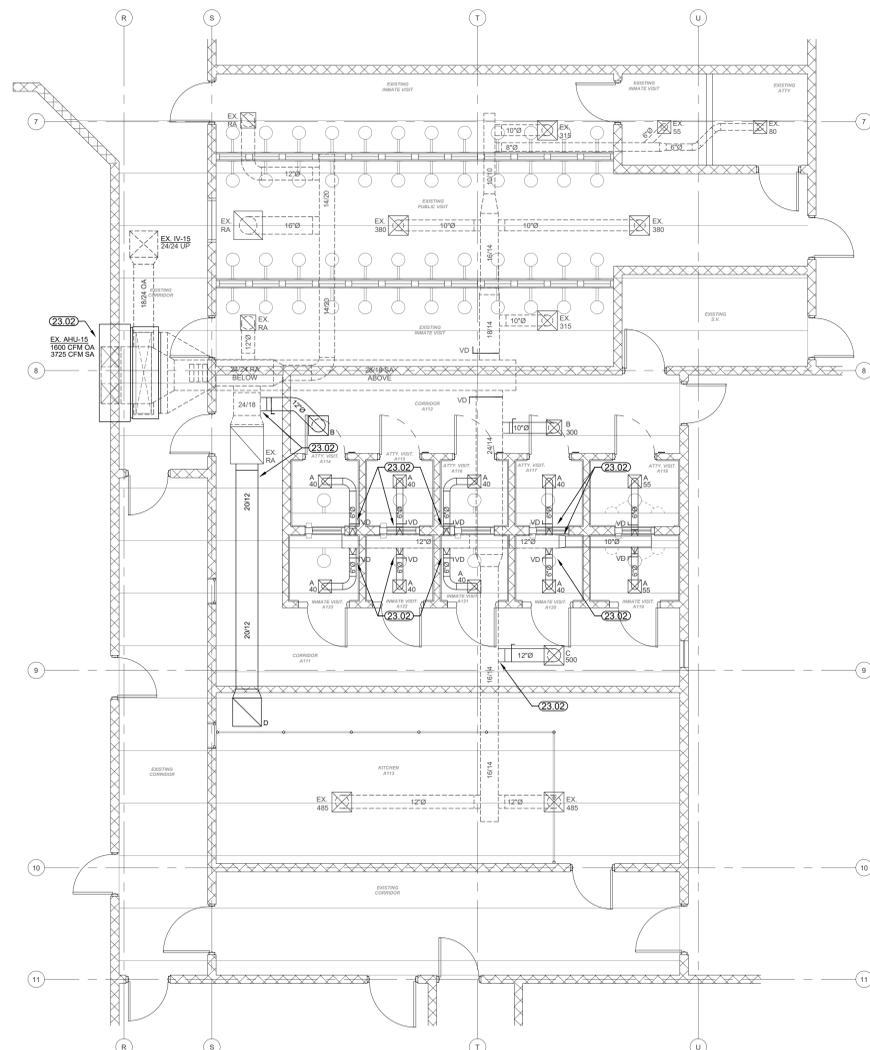
- NOTES:
- PERFORMANCE DATA FOR EXISTING AIR HANDLING UNIT REPLICATED FROM ORIGINAL CONSTRUCTION DRAWINGS.
  -

GRILLE SCHEDULE												
TAG	DESCRIPTION	NOMINAL SIZE INCHES	FACE SIZE INCHES	AIRFLOW RANGE CFM	MAX. NECK VELOCITY FPM	P <sub>s</sub>	MAX. NC	MATERIAL	MFG.	MODEL	NOTES	
A	SECURITY GRILLE	12"x12"	13.75"x13.75"	0 - 287	500	0.06	22	STEEL	KEES	SEG-68P3	1,2,3,4	
B	3/16" DIA HOLES ON 9/32" CENTERS	14"x14"	15.75"x15.75"	288 - 399	500	0.06	22					
C	3/16" WELDED SLEEVE, 1" FACE FLANGE	18"x18"	19.75"x19.75"	400 - 624	500	0.06	22					
D	SECURITY BARS WELDED TO SLEEVE	26"x26"	27.75"x27.75"	625 - 1600	500	0.06	22					
E	1"x1"x18" REAR ANGLE FRAME, FIELD WELD	34"x30"	35.75"x31.75"	1601 - 2300	500	0.06	22					
F	SURFACE MOUNT											

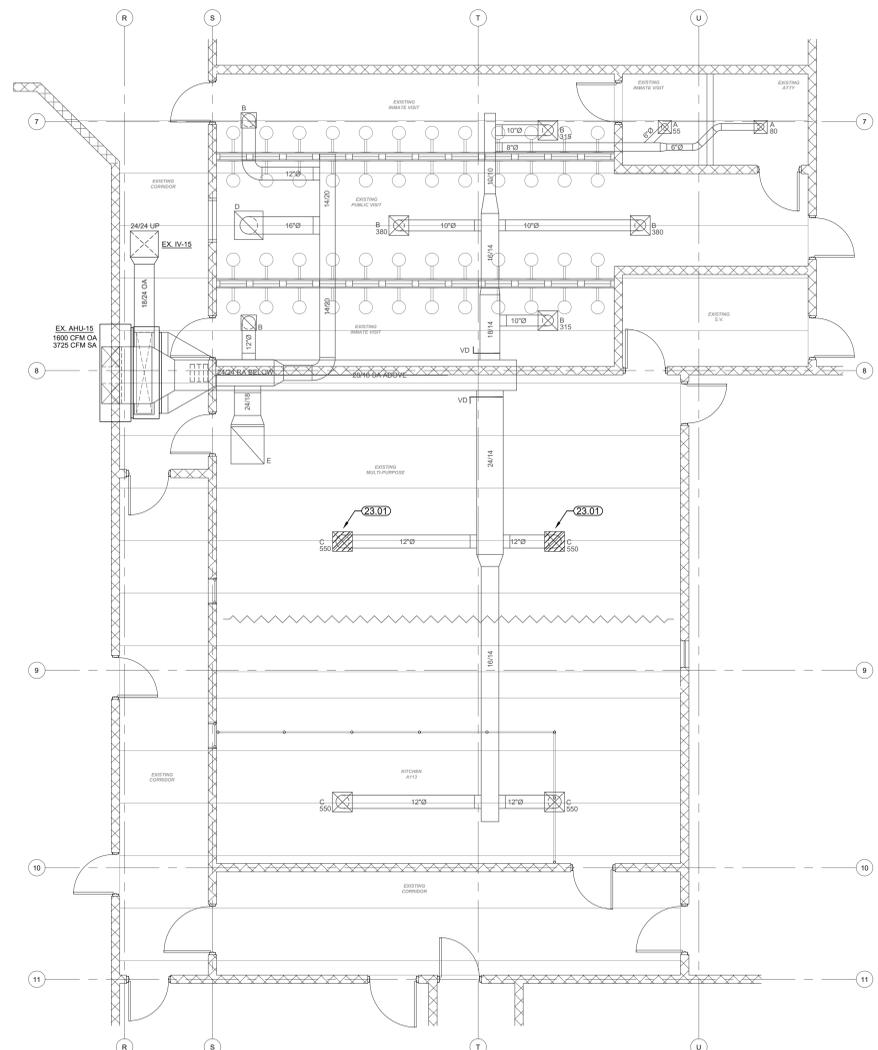
- NOTES:
- PROVIDE WHITE ENAMEL FINISH.
  - PROVIDE SLEEVE LENGTH AS REQUIRED. REFER ARCHITECTURAL DRAWINGS FOR BUILDING MATERIALS.
  - PROVIDE 3/4" DIAMETER VERTICAL STEEL BARS 6" ON CENTER AND 2" x 1/4" HORIZONTAL STEEL BARS 8" ON CENTER WELDED TO SLEEVE AND AT INTERSECTIONS ON SIZES OVER 6"x6".
  - PROVIDE SQUARE TO ROUND TRANSITIONS WHERE REQUIRED. REFER DRAWINGS.

EXISTING INTAKE VENT							
TAG	SERVES	TYPE	AIRFLOW CFM	THROAT SIZE INCHES	WEIGHT LBS	MFG.	MODEL
IV-15	AHU-15	INTAKE	3,750	26 x 26	97	GREENHECK	FGI

- NOTES:
- DATA FOR EXISTING INTAKE VENT REPLICATED FROM ORIGINAL CONSTRUCTION DRAWINGS.
  -



1 REVISED FLOOR PLAN - HVAC  
3/16" = 1'-0"  
TRUE NORTH



1 DEMOLITION FLOOR PLAN - HVAC  
3/16" = 1'-0"  
TRUE NORTH

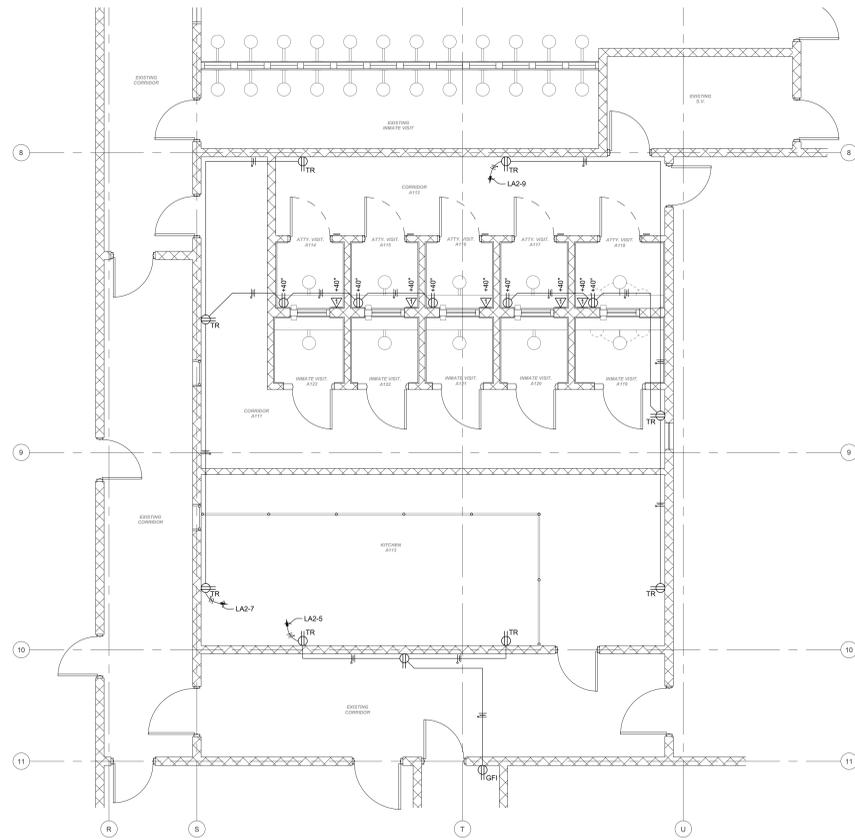
**BURNS**  
ARCHITECTURE, L.L.C.  
ARCHITECTS & ENGINEERS

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GALVESTON, TX 77553  
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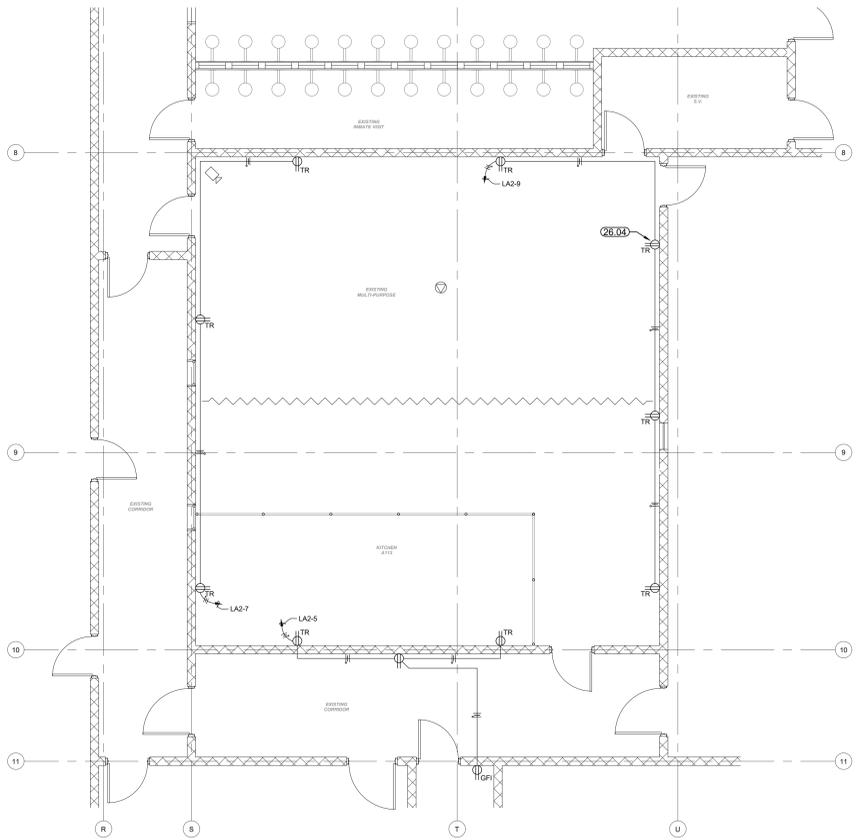
**BURNET COUNTY**  
VISITATION RENOVATIONS  
900 COUNTY LANE  
BURNET, TEXAS 78611

No.	Revision	Date

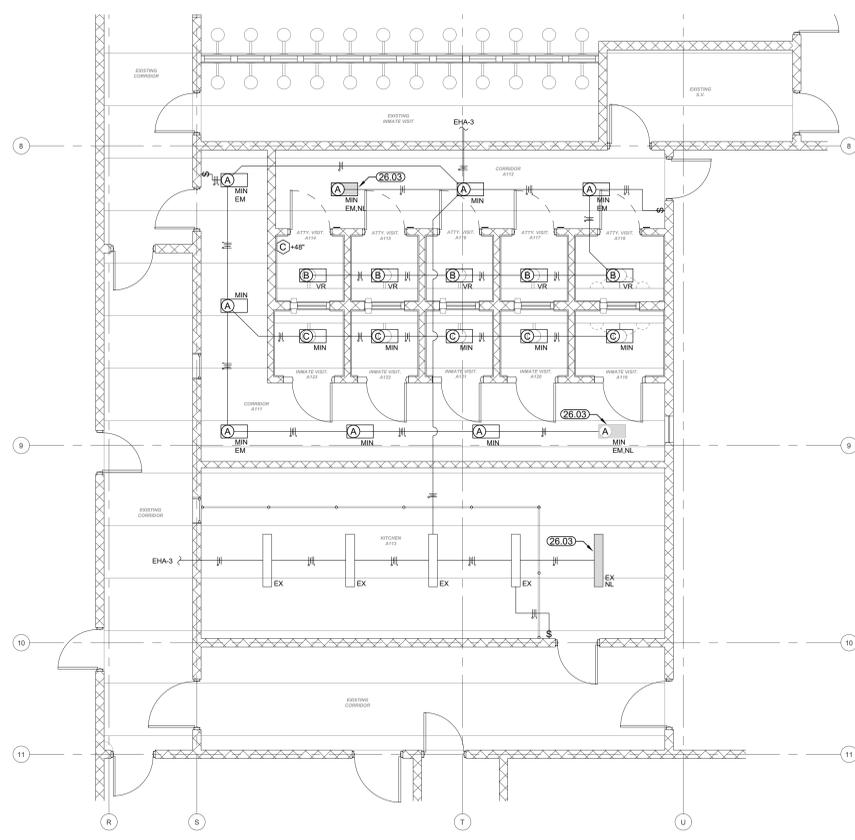
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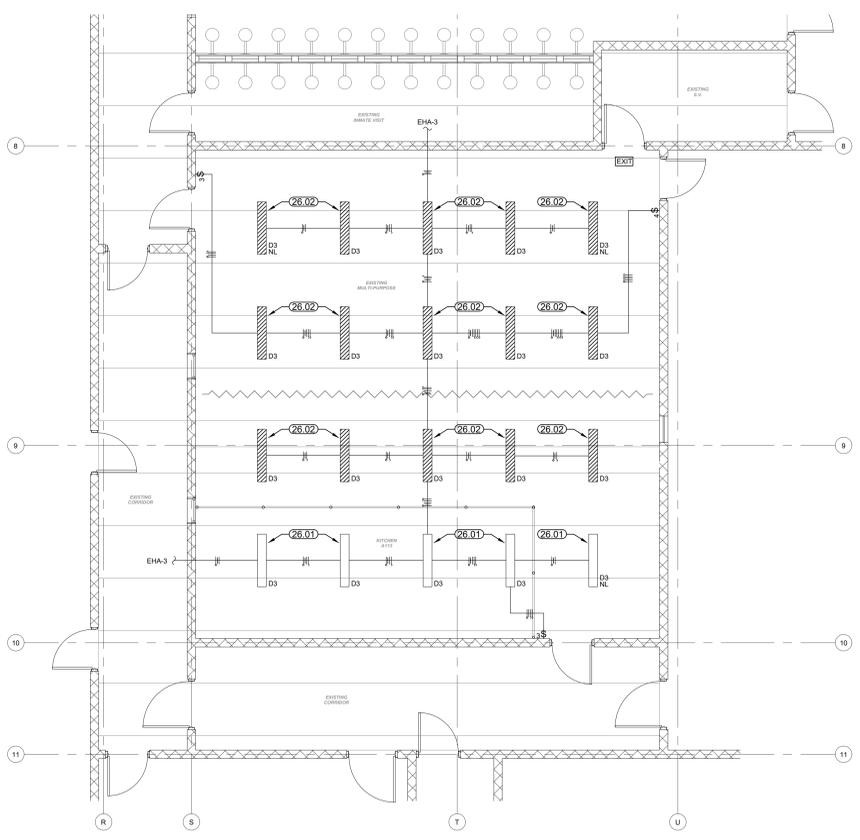
4 REVISED FLOOR PLAN - POWER  
3/16" = 1'-0"  
TRUE NORTH



3 DEMOLITION FLOOR PLAN - POWER  
3/16" = 1'-0"  
TRUE NORTH



1 REVISED FLOOR PLAN - LIGHTING  
3/16" = 1'-0"  
TRUE NORTH



1 DEMOLITION FLOOR PLAN - LIGHTING  
3/16" = 1'-0"  
TRUE NORTH

NOTES

GENERAL NOTES:

- REFER COMPLETE SET OF CONTRACT DOCUMENTS: ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION & ELECTRICAL.
- ALL WORK SHALL BE IN COMPLIANCE WITH THE LOCAL GOVERNING AUTHORITY, ADOPTED BUILDING CODES AND AMENDMENTS TO INCLUDE, BUT NOT LIMITED TO THE FOLLOWING:  
2021 INTERNATIONAL BUILDING CODE,  
2021 INTERNATIONAL MECHANICAL CODE,  
2021 INTERNATIONAL PLUMBING CODE,  
2021 INTERNATIONAL ENERGY CONSERVATION CODE,  
2021 INTERNATIONAL FIRE CODE,  
2023 NATIONAL ELECTRIC CODE,  
2012 TEXAS ACCESSIBILITY CODE (TAS)
- EXISTING CONDITIONS INDICATED WERE TAKEN FROM OWNERS RECORD DRAWINGS AND SITE VISITS AND ARE PROVIDED AS AN AID TO THE CONTRACTOR IN ASCERTAINING THE SCOPE OF HIS WORK. NEITHER THE OWNER NOR THE ARCHITECT/ENGINEER GUARANTEES THE ACCURACY OR THE COMPLETENESS OF THE CONDITIONS AS INDICATED HEREIN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE JOB SITE IN ORDER TO FULLY UNDERSTAND THE SCOPE OF HIS WORK. SHOULD THE CONTRACTOR IDENTIFY ANY DISCREPANCIES WHICH AFFECT HIS WORK, HE SHALL ADVISE THE ARCHITECT/ENGINEER OF SAID OMISSIONS PRIOR TO SUBMITTING HIS BID.
- ELECTRIC EQUIPMENT AND MATERIALS FOR THE PROJECT SHALL BE NEW AND SHALL BE APPROVED, IDENTIFIED, LABELED, AND LISTED FOR USE BY A TESTING LABORATORY RECOGNIZED BY THE BUILDING OFFICIAL. LISTED OR LABELED EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH INSTRUCTIONS INCLUDED IN THE LISTING OR LABELING.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL GROUNDING SYSTEMS, AS REQUIRED, IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- CONDUITS SHALL BE AS STRAIGHT AS POSSIBLE AND PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- CONDUITS SHALL BE ROUTED CONCEALED WITHIN WALLS AND/OR ABOVE CEILING.
- SEAL ALL WALL, ROOF, AND FLOOR PENETRATIONS WITH UL LISTED FIRE SEALANT.
- PROVIDE UNISTRUT MOUNTING FOR ALL INDICATED ELECTRICAL DEVICES, PANELBOARDS, AND ENCLOSURES (EXCEPT WHERE STRUCTURE IS AVAILABLE.)
- DEVICES SHALL NOT BE MOUNTED HIGHER THAN 48" ABOVE FLOOR.
- HOME RUN CIRCUITS MORE THAN 75 FEET FROM PANEL SHALL BE SIZED AS REQUIRED TO LIMIT VOLTAGE DROP TO 2% MINIMUM.
- IF MORE THAN THREE PHASE CONDUCTORS ARE INSTALLED IN A SINGLE RACEWAY, THE CONDUCTORS SHALL BE DERATED IN ACCORDANCE WITH NEC. INCREASE WIRE SIZE SO THAT RESULTING AMPACITY AFTER DERATING FACTOR IS APPLIED IS EQUAL TO OR GREATER THAN AMPACITY OF CONDUCTOR SPECIFIED.
- ALL BREAKERS SHALL HAVE POSITIVE HANDLE INDICATION TO SHOW WHEN A BREAKER HAS TRIPPED AUTOMATICALLY. ALL BREAKERS SHALL BE DISTINCTLY MARKED ON FACE OF BREAKER GIVING CAPACITY OF BREAKER TRIP. MULTI-POLE BREAKERS SHALL BE 2-POLE OR 3-POLE. HANDLE TIES ARE NOT PERMITTED.
- PROVIDE NEC SIZED GROUND CONDUCTOR FOR ALL RECEPTACLES, LIGHTING, AND ELECTRICAL BRANCH CIRCUITS.
- CONTRACTOR SHALL PROVIDE BRANCH CIRCUIT, CIRCUIT BREAKER, DISCONNECT, AND ELECTRICAL CONNECTION FOR EQUIPMENT PROVIDED BY OTHER DIVISIONS / TRADES.
- REFER TO SECURITY DRAWINGS AND SPECIFICATIONS FOR SECURITY ROUGH-IN REQUIREMENTS AND LOCATIONS, INCLUDING ALL SLEEVES, CONDUIT LOCATIONS AND REQUIREMENTS. NOT ALL DEVICE ROUGH-INS AND REQUIREMENTS ARE SHOWN ON ELECTRICAL SHEETS BUT SHALL BE INCLUDED AS A PART OF THIS CONTRACT. DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL CONDUITS, JUNCTION BOXES, AND PATHWAYS NEED FOR A COMPLETE SECURITY SYSTEM. COORDINATE ALL REQUIREMENTS WITH SECURITY SYSTEM INSTALLER.

LEGEND

- ☐ SECURITY ELECTRONICS - CAMERA
- Ⓜ COMMUNICATIONS - WIRELESS ACCESS POINT
- ☎ COMMUNICATIONS - TWO WAY PHONE HANDSET
- Ⓜ COMMUNICATIONS - (#) INDICATES QTY. OF RJ45 JACKS IN FACEPLATE.
- Ⓜ DUPLEX RECEPTACLE
- Ⓜ QUADRUPLX RECEPTACLE
- Ⓜ CONDUCTORS GROUND, NEUTRAL, HOT, SWITCH LEG

ELECTRICAL DEMOLITION AND RE-USE NOTES:

- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIAL, AND LABOR TO SATISFY A COMPLETE AND WORKING SYSTEM.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY THAT ALL ELECTRICAL HARDWARE IS WITHIN THE GUIDELINES OF LOCAL AND GOVERNING CODES.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY CIRCUITS, SWITCHES, BREAKER SIZES, CONDUCTORS, AND PANELS CAN ACCOMMODATE NEW/EXISTING LOADS AND ARE WITHIN GUIDELINES OF LOCAL AND GOVERNING CODES BEFORE WORK PROCEEDS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
- THE ELECTRICAL CONTRACTOR SHALL UTILIZE EXISTING CIRCUIT BREAKERS TO MAXIMUM EXTENT POSSIBLE. SHALL INSPECT AND TEST ALL REUSED CIRCUIT BREAKERS. AND VERIFY CIRCUIT BREAKERS OPERATE AND TRIP PROPERLY. IF BREAKER CASES ARE CRACKED OR ARCING HAS BEEN PRESENT THAT CIRCUIT BREAKER SHALL BE DISCARDED. ANY SPARE CIRCUIT BREAKERS, IF ROOM PERMITS, SHALL BE REINSTALLED IN PANEL AND LABELED AS SPARE.
- THE ELECTRICAL CONTRACTOR SHALL TRACE ANY UNUSED CIRCUITS BACK TO THEIR EXISTING PANEL AND REMOVE. CIRCUIT BREAKER SHALL BE MADE SPARE AND BE PROPERLY LABELED.
- ELECTRICAL CONTRACTOR SHALL INSTALL NEW TYPEWRITTEN PANEL SCHEDULES FOR ALL POWER PANELS AND PANELBOARDS AFFECTED BY THIS PROJECT.

DIVISION 26 - ELECTRICAL

- (26.01) EXISTING LIGHT FIXTURE TO REMAIN.
- (26.02) EXISTING LIGHT FIXTURE(S) SHOWN CROSSHATCHED TO BE REMOVED. EXISTING ELECTRICAL CIRCUITS / SWITCHING TO BE MODIFIED AS INDICATED IN REVISED DRAWING.
- (26.03) LIGHT FIXTURE TO BE WIRED AS NIGHT LIGHT (UNSWITCHED).
- (26.04) RECEPTACLE TO BE REMOVED. WIRING TO BE REMOVED FROM J-BOX AS NEW GCM WALL MAY RESTRICT ACCESS. VERIFY EXACT LOCATION AT JOBSITE.



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BURNET, TEXAS 78611

No.	Revision	Date

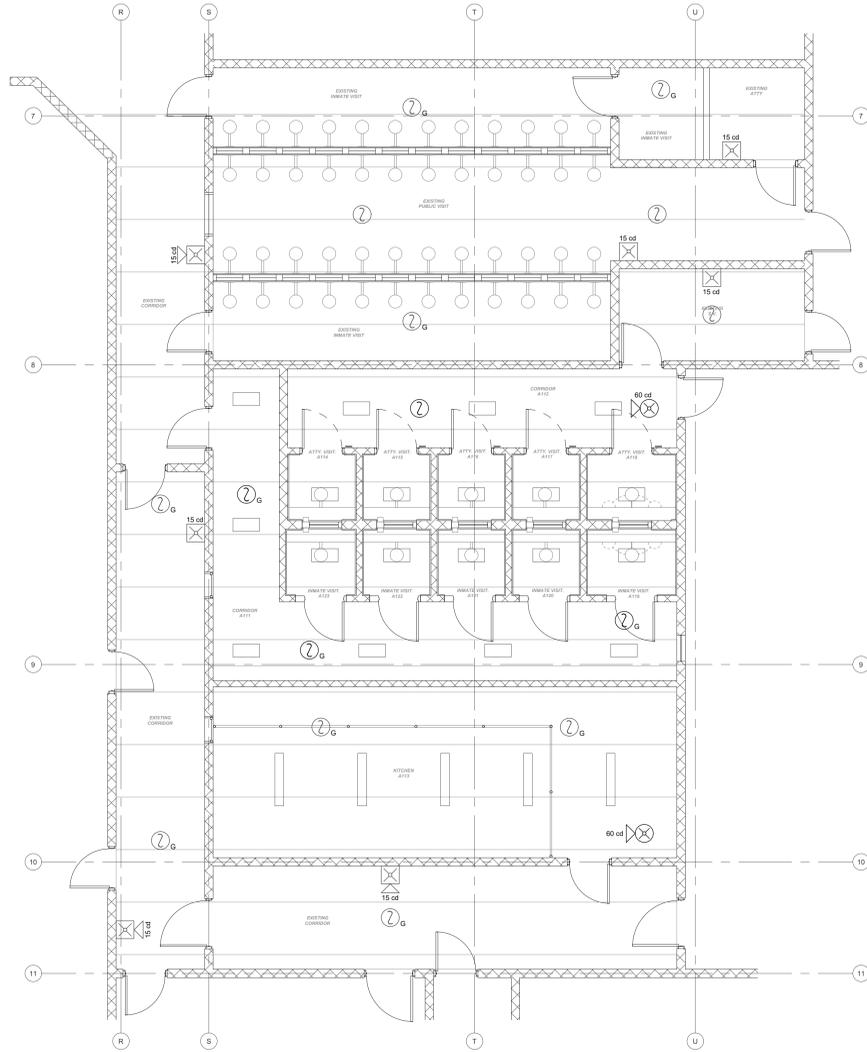
NOTE: DO NOT SCALE DRAWING  
CONSTRUCTION  
DOCUMENTS



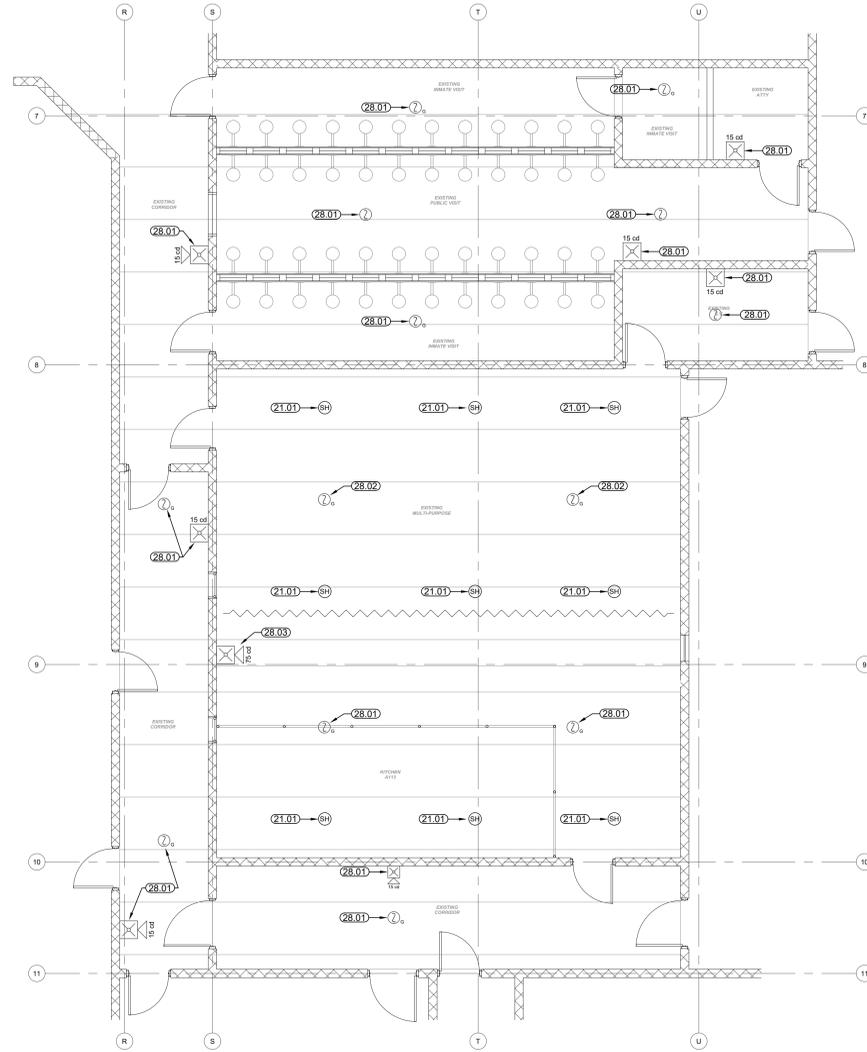
APRIL 30, 2025



Project Number: BCVR-25  
Date: 04/30/2025  
Scale: As indicated  
FLOOR PLAN  
LIGHTING & POWER  
E1.0



1 REVISED FLOOR PLAN - FIRE ALARM  
3/16" = 1'-0"  
TRUE NORTH



1 DEMOLITION FLOOR PLAN - FIRE ALARM  
3/16" = 1'-0"  
TRUE NORTH

MARK	MANUFACTURER	MODEL	HOUSING	DESCRIPTION	VOLTAGE	LAMP(S)	LAMP(S) LUMENS	INPUT WATTS
A	FAIL-SAFE	FUSL-N-12-2-LD4-2STD-35-UNV-80/86-EDC1	MINIMUM	MINIMUM SECURITY, 12"x24" SURFACE LED LUMINAIRE, 18 GAUGE CRS HOUSING, 0.125" PRISMATIC INNER LENSES, 0.250 CLEAR POLYCARBONATE OUTER LENSES, TORX HEAD FASTENERS, FULL LENGTH CONCEALED HINGE, STANDARD WHITE FINISH	277	LED 3500K	3332	33.3
A-EM	FAIL-SAFE	FUSL-N-12-2-LD4-2STD-35-UNV-80/86-EDC1-EL14W	MINIMUM	MINIMUM SECURITY, 12"x24" SURFACE LED LUMINAIRE, 18 GAUGE CRS HOUSING, 0.125" PRISMATIC INNER LENSES, 0.250 CLEAR POLYCARBONATE OUTER LENSES, TORX HEAD FASTENERS, FULL LENGTH CONCEALED HINGE, STANDARD WHITE FINISH WITH EMERGENCY BATTERY PACK	277	LED 3500K	3332	33.3
B	FAIL-SAFE	FUSL-N12-2-LD4-2LO-35-UNV-80/86-EDC1	MINIMUM	MINIMUM SECURITY, 12"x24" SURFACE LED LUMINAIRE, 18 GAUGE CRS HOUSING, 0.125" PRISMATIC INNER LENSES, 0.250 CLEAR POLYCARBONATE OUTER LENSES, TORX HEAD FASTENERS, FULL LENGTH CONCEALED HINGE, STANDARD WHITE FINISH	277	LED 3500K	2387	23.4
C	FAIL-SAFE	HVSL12-2-LD4-2LO-35-UNV-O-EDC1	VANDAL RESISTANT	VANDAL RESISTANT, 12"x24" SURFACE LED LUMINAIRE WITH A OPAL LENS.	277	LED 3500K	2587	23.7
E1	FAIL-SAFE	EXL-7-1-GW-WH-SF-3	MAXIMUM	MAXIMUM SECURITY, LED EXIT SIGN, ONE PIECE DIE FORMED CONTINUOUS SEAM WELDED SMOOTH HOUSING, 14 GAUGE CRS MATERIAL, TORX SCREWDRIVER, 6" HIGH LETTERS, GREEN LED'S UNIVERSAL ARROWS, TORX HEAD FASTENERS.	277	LED	-	1
E2	FAIL-SAFE	EXL-7-2-GW-WH-SF-3	MAXIMUM	MAXIMUM SECURITY, LED EXIT SIGN, ONE PIECE DIE FORMED CONTINUOUS SEAM WELDED SMOOTH HOUSING, 14 GAUGE CRS MATERIAL, TORX SCREWDRIVER, 6" HIGH LETTERS, GREEN LED'S UNIVERSAL ARROWS, TORX HEAD FASTENERS.	277	LED	-	1
E3	SURE-LITES	CX7SWHR	NONE	SINGLE / DUAL FACE EXIT SIGN WITH RED LED LAMPS, UNIVERSAL ARROWS, UNIVERSAL MOUNTING, THERMOPLASTIC HOUSING, EXTRA PANEL FOR FIELD CONVERSION TO DOUBLE FACE.	277	LED	-	0.98
EX-D3	FAIL-SAFE	FPS-232-UNV-EB81	VANDAL RESISTANT	VANDAL RESISTANT, 8"x50" SURFACE LUMINAIRE WITH POLYCARBONATE REFRACTOR.	277	(3) T8 32	-	96

- NOTES:
- 1) NL - UNSWITCHE LIGHT FIXTURE - ON ALL THE TIME.
  - 2) EM - LIGHT FIXTURE AS NOTED ON LIGHTING PLAN SHALL BE EQUIPPED WITH EMERGENCY BATTERY PACK ALLOWING FIXTURE TO OPERATE UPON LOSS OF NORMAL POWER FOR A MINIMUM OF 90 MINUTES.
  - 3) EXIT SIGN SHALL BE EQUIPPED WITH EMERGENCY BATTERY PACK ALLOWING FIXTURE TO OPERATE UPON LOSS OF NORMAL POWER FOR A MINIMUM OF 90 MINUTES.

NOTES

GENERAL NOTES:

1. REFER COMPLETE SET OF CONTRACT DOCUMENTS: ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION & ELECTRICAL.
2. ALL WORK SHALL BE IN COMPLIANCE WITH THE LOCAL GOVERNING AUTHORITY, ADOPTED BUILDING CODES AND AMENDMENTS TO INCLUDE, BUT NOT LIMITED TO THE FOLLOWING:  
2021 INTERNATIONAL BUILDING CODE,  
2021 INTERNATIONAL MECHANICAL CODE,  
2021 INTERNATIONAL PLUMBING CODE,  
2021 INTERNATIONAL ENERGY CONSERVATION CODE,  
2021 INTERNATIONAL FIRE CODE,  
2023 NATIONAL ELECTRIC CODE,  
2012 TEXAS ACCESSIBILITY CODE (TAS)
3. EXISTING CONDITIONS INDICATED WERE TAKEN FROM OWNERS RECORD DRAWINGS AND SITE VISITS AND ARE PROVIDED AS AN AID TO THE CONTRACTOR IN ASCERTAINING THE SCOPE OF HIS WORK. NEITHER THE OWNER NOR THE ARCHITECT/ENGINEER GUARANTEE THE ACCURACY OR THE COMPLETENESS OF THE CONDITIONS AS INDICATED HEREIN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE JOB SITE IN ORDER TO FULLY UNDERSTAND THE SCOPE OF HIS WORK. SHOULD THE CONTRACTOR IDENTIFY ANY DISCREPANCIES WHICH AFFECT HIS WORK, HE SHALL ADVISE THE ARCHITECT/ENGINEER OF SAID OMISSIONS PRIOR TO SUBMITTING HIS BID.
4. REFER ARCHITECTURAL CODE ANALYSIS DRAWING, SHEET A0.2 FOR ADDITIONAL INFORMATION.
5. COORDINATE ALL FIRE PROTECTION AND FIRE ALARM WITH OWNER PREFERRED CONTRACTOR:  
PINNACLE FIRE PROTECTION, LLC  
16801 JOE BARBEE DR.  
ROUND ROCK, TX 78664  
WWW.PINNACLEFP.NET

DIVISION 21 - FIRE PROTECTION GENERAL NOTES

1. FIRE PROTECTION CONTRACTOR SHALL MODIFY THE EXISTING FIRE SPRINKLER SYSTEM FOR AREAS BEING RENOVATED IN ACCORDANCE WITH NFPA 13, NFPA14, FEDERAL, STATE, AND LOCAL FIRE CODES.
2. FIRE PROTECTION CONTRACTOR MUST COORDINATE WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ELEMENTS
3. THESE DRAWINGS ONLY SERVE TO INDICATE GENERAL LOCATION OF SPRINKLER HEADS IN AREAS BEING RENOVATED AND SHOULD NOT BE USED FOR ACTUAL BIDDING PURPOSES. FIRE PROTECTION CONTRACTOR MUST CONDUCT SITE VISIT TO DETERMINE EXISTING CONDITIONS.
4. FIRE PROTECTION MODIFICATIONS MUST BE DESIGNED UNDER DIRECT SUPERVISION OF A R.M.E. (RESPONSIBLE MANAGING EMPLOYEE) EXPERIENCED IN DESIGN OF THIS WORK AND LICENSED IN THE STATE OF TEXAS. ALL DESIGN SUBMITTAL DOCUMENTS AND SHOP DRAWINGS SHALL BEAR THE R.M.E.'S SIGNED AND DATED REGISTRATIONS NUMBER. THE SYSTEM SHALL BE INSTALLED BY A FIRM HAVING MINIMUM THREE YEARS EXPERIENCE REGULARLY ENGAGED IN THE DESIGN AND INSTALLATION OF AUTOMATIC FIRE PROTECTION SYSTEMS IN ACCORDANCE WITH REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION AND THE STATE OF TEXAS FIRE MARSHAL'S OFFICE.

DIVISION 21 - FIRE PROTECTION

- (21.01) GENERAL LOCATION OF EXISTING SPRINKLER HEAD.

DIVISION 28 - FIRE ALARM GENERAL NOTES

1. FIRE ALARM CONTRACTOR SHALL MODIFY THE EXISTING FIRE ALARM SYSTEM FOR AREAS BEING RENOVATED.
2. ALL FIRE ALARM WORK SHALL BE IN ACCORDANCE WITH NFPA 72, 90A, 101 AND APPLICABLE CITY AND STATE CODES.
3. ALL WORK SHALL BE IN COMPLIANCE WITH THE TEXAS ACCESSIBILITY STANDARDS (TAS).
4. ALL FIRE ALARM WIRING SHALL BE IN CONDUIT.
5. EXISTING FIRE ALARM PANEL: "GE" MODEL EST-3

DIVISION 28 - FIRE ALARM

- (28.01) EXISTING TO REMAIN, NO WORK IN THIS AREA.
- (28.02) EXISTING SMOKE DETECTOR TO REMOVED OR RELOCATED.
- (28.03) EXISTING WALL MOUNT STROBE TO BE REMOVED.

FIRE PROTECTION / ALARM LEGEND:

- (SH) SPRINKLER HEAD
- (Z) PHOTOELECTRIC DETECTOR
- (Zg) PHOTOELECTRIC DETECTOR, WITH GUARD
- (X) CEILING MOUNT STROBE
- (Xg) CEILING MOUNT STROBE, WITH GUARD
- (Xh) CEILING MOUNT HORN / STROBE
- (Xw) WALL MOUNT STROBE
- (Xwh) WALL MOUNT HORN / STROBE
- XXCD DEVICE CANDELA RATING
- G GUARD

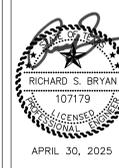


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No.	Revision	Date

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CONSTRUCTION DOCUMENTS



Bryan Parks & Associates, Inc.  
TEXAS REGISTERED ENGINEERING FIRM # 15182  
BIRMINGHAM TEXAS 35896  
SUITE 600  
P.O. BOX 252025, DALLAS, TEXAS 75225

Project Number: BCVR-25  
Date: 04/30/2025  
Scale: As indicated  
FIRE ALARM & ELECTRICAL SCHEDULES

E2.0