

Fixtures, Furnishings, and Equipment for the

Judge Mario E. Ramírez, Jr.

JUVENILE JUSTICE CENTER

EDINBURG, TEXAS

HIDALGO COUNTY JUVENILE BOARD

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Judge, 396th D.C.

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HIDALGO COUNTY JUVENILE JUSTICE CENTER

ISRAEL "BUDDY" SILVA, Jr.

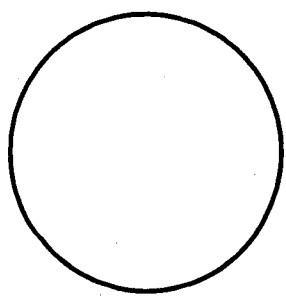
Director, Chief Juvenile Probation Officer

SPECIFICATIONS

100% REVIEW SET PROJECT #00-1001FF&E**

V•A Architecture

2029 Industrial Drive, McAllen, Texas 78504 (956) 631-2242



SPECIFICATIONS

TITLE AND LOCATION OF WORK

**Fixtures, Furnishings, and Equipment for Judge Mario E. Ramirez, Jr. Juvenile Justice Center
1001 N. Doolittle Road
Edinburg, Texas**

NAME AND ADDRESS OF OWNER

**COUNTY OF HIDALGO
P.O. BOX 1356
EDINBURG, TEXAS
956/787-1891**

ARCHITECT

**V-A ARCHITECTURE
2029 INDUSTRIAL DRIVE
MCALLEN, TEXAS 78504
(956) 631-2242
(956) 686-7916 FAX**

**ARCHITECT'S SEAL IS LIMITED TO DIVISIONS 1, 10 & 11,
OF THE SPECIFICATIONS AND TO THE DRAWINGS.**

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PROPOSAL FORM

PROJECT: Fixtures, Furnishings, & Equipment for the Mario E. Ramirez, Jr. Juvenile Justice Center, Edinburg, Texas

PLACE: Hidalgo County Administration Building, 4th Floor, 100 East Cano, Edinburg, Tx 78539

DATE:

TIME:

TO: Marty Salazar, Hidalgo County Purchasing Agent

I. Pursuant to and in compliance with the Invitation to Bid and the proposed Contract Documents dated 11/17/06 prepared by V-A Architecture, relating to the above referenced project, the undersigned, having become thoroughly familiar with the terms and conditions of the proposed Contract Documents and with local conditions affecting the performance and costs of the work at the place where the work is to be completed, and having fully inspected the site in all particulars, hereby proposes and agrees to fully perform the work within the time stated and in strict accordance with the proposed Contract Documents, and addenda thereto, including furnishing of any and all delivery and installation of all fixtures and equipment for the following sum of money:

1. BID FOR ITEM #1: (WASHERS)

All labor, materials, services and equipment necessary for the delivery and installation of the **washers**.

TOTAL BID FOR ITEM #1: _____ DOLLARS \$ _____

2. BID FOR ITEM #2: (DRYERS)

All labor, materials, services and equipment necessary for the delivery and installation of the **dryers**.

TOTAL BID FOR ITEM #2: _____ DOLLARS \$ _____

3. BID FOR ITEM #3: METAL DETECTORS (M-1) & HAND HELD METAL DETECTORS

All labor, materials, services and equipment necessary for the delivery and installation of the **metal detectors and hand held metal detectors**.

TOTAL BID FOR ITEM #3: _____ DOLLARS \$ _____

4. BID FOR ITEM #4: TV WALL BRACKETS

All labor, materials, services and equipment necessary for the delivery and installation of the **TV wall brackets**.

TOTAL BID FOR ITEM #: _____ DOLLARS \$ _____

5. **BID FOR ITEM #5: DINING TABLES**

All labor, materials, services and equipment necessary for the delivery and installation of the **dining tables**.

TOTAL BID FOR ITEM #5: _____ DOLLARS \$ _____

6. **BID FOR ITEM #6: BUILDING PLAQUES**

All labor, materials, services and equipment necessary for the delivery and installation of the **building plaques**.

TOTAL BID FOR ITEM #6: _____ DOLLARS \$ _____

7. **BID FOR ITEM #7: BUILDING LETTERS**

All labor, materials, services and equipment necessary for the delivery and installation of the **building letters**.

TOTAL BID FOR ITEM #7: _____ DOLLARS \$ _____

8. **BID FOR ITEM #8: SAFETY PADDING**

All labor, materials, services and equipment necessary for the delivery and installation of the **safety padding**.

TOTAL BID FOR ITEM #8: _____ DOLLARS \$ _____

9. **BID #10:**

Add the total amount for the General Conditions, Payment Bond and Performance Bond, and Insurance, if applicable. Payment Bonds are required if the contract is in excess of \$25,000.00. Performance Bonds are required if the contract is in excess of \$100,000.00.

TOTAL BID FOR ITEM #9: _____ DOLLARS \$ _____

II. If awarded this contract the undersigned will execute a satisfactory Construction Contract, Performance Bond, Labor and Material Payment Bond and Proof of Insurance Coverage, with the Owner for the entire work as per the Contract Documents within (10) ten consecutive calendar days after the notice of award. It is agreed that this proposal is subjected to the Owner's acceptance for a period of sixty (60) days from the above date.

III. Enclosed is a Certified Check or Bidders Bond in the amount of \$ _____, in compliance with the Specification Requirements (5% of the highest amount bid).

The above Check or Bidders Bond is to become the property of the Owner in the event the Construction Contract (when offered by the Owner) and the bonds and proof of insurance coverage are not executed within the time set forth above.

IV. The undersigned agrees to the following:

1. To furnish all materials as shown and specified in the plans and specifications.
2. To complete the bid #1 in _____ consecutive calendar days.
3. To complete the bid #2 in _____ consecutive calendar days.
4. To complete the bid #3 in _____ consecutive calendar days.
5. To complete the bid #4 in _____ consecutive calendar days.
6. To complete the bid #5 in _____ consecutive calendar days.
7. To complete the bid #6 in _____ consecutive calendar days.
8. To complete the bid #7 in _____ consecutive calendar days.
9. To complete the bid #8 in _____ consecutive calendar days.

Receipt is acknowledged of the following addenda:

No. _____ Dated _____
No. _____ Dated _____

Bidder agrees that the Owner has the right to accept or reject any or all bids and to waive all informalities.

Respectfully submitted,

By: _____
Signature

Title

_____ (Seal - If Corporation)

DIVISION 1 - GENERAL REQUIREMENTS

01010 SUMMARY OF WORK:

1. SUMMARIES:

1.1 Location: 1001 N. Doolittle Road, Edinburg, Texas

1.2 Cooperation: The Contractor, all other Contractors and all sub-contractors shall coordinate their work with all adjacent work and shall cooperate with all other trades so as to facilitate the general progress of the work. Each trade shall afford all other trades every reasonable opportunity for installation of their work and storage of their materials.

1.3 Inspection and Test: The Architect and his representatives shall at all times have access to the work whether it is in preparation or in progress. The Contractor shall Provide proper and safe facilities for such access and inspection. Make all inspections and tests in connection with this entire contract as required by the Architect. All testing shall be paid for by the Owner and be done by and independent testing laboratory meeting the approval of the Architect. Any cost of re-testing required due to failure of the Contractor at no expense to the Owner.

1.4 Checking Dimensions at site: Before ordering any materials or doing any work, Contractor shall verify all measurements of the building and be responsible for the corrections of them. No extras will be allowed for variations from drawings in existing conditions or for work performed under this contract. Any discrepancies found shall be submitted to the Architect for instructions before proceeding.

1.5 PROJECT MEETINGS

1. Pre-Construction conference:

- a. Will be scheduled by the Architect within five days after Notice to Proceed.**
- b. No work shall commence until this meeting has been successfully completed.**
- c. Attendance is mandatory for the Contractor and representatives of all subcontractors listed on the Proposal Form. Should any subcontractor not be in attendance, the meeting will be rescheduled. No allowances will be made for extensions of time due to any delay to the commencement of work caused by the absence of a subcontractor from this meeting.**

END OF SECTION 01010

SECTION 01060 - PRELIMINARY CONSIDERATIONS**1. DEFINITIONS:**

- a. **References:** References to known standard specifications in the Specifications shall mean and intend latest edition of such specification adopted and published at date of Advertisement for Bids.
- b. Reference to technical society, organization or body is made in Specifications in accordance with the following abbreviations:

AIA	American Institute of Architects
ACI	American Concrete Institute
AIEE	American Institute of Electrical Engineers
ANSI(USASI)(ASA)	American National Standards Institute
AISC	American Institute of Steel Construction
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWSC	American Welding Society Code
FS	Federal Specification
NBFU	National Board of Fire Underwriters
NBS	National Bureau of Standards
NEC	National Electrical Code
UL	Underwriters Laboratories, Inc.
AISI	American Iron and Steel Institute
AWWA	American Water Works Association

- 2. **PERMITS, LAWS, CODES, ETC.:** Contractors shall comply with all Federal, State and local laws, codes, and ordinances applicable to the work and all requirements of the National Board of Fire Underwriters having jurisdiction. If the above laws, codes or ordinances conflict with Specification, then the laws, codes or ordinances shall govern except where Specification exceeds them in quality or quantity of materials or labor. Obtain and pay for all permits required in connection with the execution of the work. Under no circumstance shall any work be started before the required permits are obtained. Architect shall be furnished with certified copies of these permits if he so requests.
- 3. **COOPERATION WITH BUILDING OFFICIALS:** Cooperate with local and other governmental officials and inspectors at all times. If such official or inspector deems special inspection necessary, provide assistance and facilities that will expedite his inspection.
- 4. **MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS:**
 - a. Install all manufactured items, materials and equipment in strict accordance with the manufacturer's recommended specifications, except that the Specifications herein, where more stringent, shall be complied with.
 - b. At the completion of the project and prior to final acceptance by Owner, provide Owner with one complete set of operating and maintenance instructions, and demonstrate to him the procedures for proper operation and maintenance of all equipment.

GENERAL REQUIREMENTS

DIVISION 1
Section 01060

5. **MEASUREMENTS:** Before doing any work or ordering any materials, Contractor shall verify all measurements of existing and new work and shall be responsible for their correctness. Any difference which may be found shall be submitted to Architect for consideration before proceeding with the work. No extra compensation will be allowed because of difference between actual dimensions and measurements indicated on the Drawings.
6. **RECORD DRAWINGS:**
 - a. Provide and maintain in proper order and in good clean condition, one complete set of blue-line prints of all project drawings.
 - b. Prior to final payment, as-built drawings meeting the approval of the Architect shall be delivered to the Owner.
7. **JOB MAINTENANCE:**
 - a. During the course of their work, all crafts and trades shall protect all work which precedes theirs from damage and they shall make repairs or replacement of any damage caused either directly or indirectly by them at no cost to the Owner.
 - b. Site housekeeping and final cleaning shall be done in accordance with requirements of Division C and Section 01700.
8. **PROTECTION:** Provide barricades, fences, lights, etc., for protection of property and the public as required by local and/or State ordinances.
9. **LOADS AND STRESSES FROM CONSTRUCTION OPERATIONS:**
 - a. Contractor shall have full responsibility for preventing overstress of any and all parts of the structure during construction operations.
 - b. Provide all temporary supports and connections necessary to assure the safety and stability of all work in place and to prevent overstress of any part thereof.
11. **ADA REQUIREMENTS:** All contractors and/or material suppliers providing items which are subject to specific requirements addressed in the Americans With Disabilities Act (ADA) accessibility guidelines are required to ensure that their work or materials meet the letter of this law. Any discrepancies between the Contract Documents and the ADA requirements **will not** alleviate the Contractor or Material Suppliers of their responsibility to comply with ADA guidelines and will not be an acceptable reason for additional compensation.

The following items of work are some of the areas that ADA has particular emphasis. These are intended as a **guide only** and are not to be construed as all inclusive:

- | | |
|------------------------------------|------------|
| -Toilet Partitions and Accessories | -Graphics |
| -Millwork | -Entrances |
| -Builders Hardware | |

MOUNTING HEIGHTS FOR:

- Controls
- Electric Devices
- Fire Protection Equipment

12. PROTECTION OF WORK AND PROPERTY AND INDEMNIFICATION

The CONTRACTOR shall continuously maintain adequate protection of all its work from damage and shall protect the OWNER'S property from injury or loss arising in connections with this CONTRACT. The CONTRACTOR shall indemnify, defend and save the OWNER harmless from and against any and all loss, costs, claims or liability for damages of any kind arising or alleged to have arisen from the negligent acts or omissions of the CONTRACTOR, its agents, employees or subcontractors to carry insurance as specified.

The CONTRACTOR shall take all necessary precautions for the safety of all persons on the Work and shall comply with all applicable provisions of Federal, State and Municipal safety Laws to prevent accidents an injury to persons on or adjacent to the premises where the Work is being performed. The CONTRACTOR shall erect and properly maintain at all items, as required by the conditions and progress of the Work, all necessary safeguards for the protection of workmen and the public, and shall post danger signs warnings against the hazards created by the various construction activities during the effective period of this CONTRACT.

In an emergency affecting the safety of life or of the Work or of adjoining property, the CONTRACTOR, without special instructions or authorization from the OWNER, is hereby permitted to act, at its discretion, to prevent such threatened loss or injury and the CONTRACTOR shall also act if instructed or authorized to do so by the OWNER.

13. INSPECTION OF THE WORK (AS APPLICABLE)

Intentional deviations from the Contract by the Contractor and/or his subcontractors, who know that it is unlikely for the Architect to discover such discrepancies during construction without in depth investigations, shall not be deemed to have been accepted when the Application is approved.

Approval of the Contractor's Application for Payment does not mean that approval has been granted for an installation not in compliance with the Contract Documents. It is the Contractor's duty and responsibility under the contract to comply with all of the provisions in the Contract.

END OF SECTION 01060

SECTION 01340 - SUBMITTALS

1.00 GENERAL

- A. This Section is subject to the provisions and requirements of all Contract Documents.
- B. **STIPULATIONS:**
1. Types of submittal requirements, covered by this Section, include administrative submittals, schedules, notifications, shop drawings, product data, samples and miscellaneous work-related submittals. Individual submittal requirements are included in certain Sections of the Specifications for units of work. Refer to these Sections and General Conditions for related requirements of various submittals.
 3. Letter of Transmittal: Each submittal shall be accompanied by Contractor's Letter of Transmittal identifying Contractor, Company or Supplier preparing submittal; date of transmittal; number of copies; desired action by Architect and name and phone number of person to contact for questions and/or clarification's.
 4. Identifications: Each item submitted shall be properly and sufficiently identified, and where possible, references to that part of the Drawings or Specifications to which it applies.
 5. Contractor shall arrange for and pay for all costs involved for the transfer of submittals to and from Architect's office.
- C. **SUBMITTAL ITEMS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO:**
1. Shop drawings of all shop and/or factory-assembled, fabricated and/or semi or pre-finished items to be installed on the job.
 2. Samples of materials with complete range of colors and/or textures from which required selections can be made, noting any time of delivery restraints that may be required of particular selections. Contractor is advised that coordinated color selections will be required throughout the major areas of the building and that approval of various color selections will be contingent upon Contractor's submittal of all items requiring such coordination as a unit.
 3. Brochures and manufacturer's data shall include all special instructions regarding safety, installation sequences, and methods of assembly and installation.
- 2.00 PROCEDURES**
- A. On first submittal, Contractor shall transmit (5) prints and one sepia to Architect and retain one print. Architect will retain prints and will stamp and return sepia to Contractor. After submittal has been reviewed, Contractor shall reproduce the number of copies needed for his use and for the use of his suppliers from the sepia.

- B. Follow same procedure for re-submittals as required for initial review.

3.00 USE OF ARCHITECT'S DRAWINGS

- A. Contractors, Sub-Contractors and Material Suppliers shall not have use of electronic drawing or plot files of any Drawings (Civil, Structural, Architectural, Mechanical, Electrical, etc.) that make up part of these Contract Documents, for the purpose of preparing any submittals required by the Specifications.

4.00 STATUS OF SUBMITTALS

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR:

1. Timely transmission and scheduling of all submittals.
2. Grouping of all submittals requiring color coordination.
3. Reviewing all submittals for compliance with requirements of the drawings, specifications and general documents.
4. Any and all costs for corrective work required as a result of incorrect data appearing on any submittal, whether or not submittal has been reviewed and stamped by Architect.

SECTION 01600 - SPECIAL PROCEDURES

PART 1 - GENERAL

1.0 DESCRIPTION: Provide the following special procedures as described.

PART 2 - EXECUTION

2.01 ACCELERATION OF THE WORK

- a. If, in the judgement of the Architect or Owner, it becomes necessary at any time during the stipulated construction period to accelerate the work or a portion thereof, the Contractor when ordered or directed by the Architect, shall deploy the workmen in such portions of the project where directed, to enable others to properly engage and carry on their work.
- b. If, in the judgement of the Architect, the work is behind schedule and the rate of placement of work is inadequate to retain scheduled process so as to insure timely completion of the entire work or a separable portion thereof, the contractor, shall immediately take action to increase the rate of work placement. This increase shall be accomplished by any one or a combination of the following or other suitable measures:
 - 1. An increase in working forces.
 - 2. An increase in equipment or tools.
 - 3. An increase in hours of work or number of shifts.
 - 4. Expedite delivery of materials.

The Contractor shall within three (3) calendar days after being so informed, notify the Architect of the specific measures taken and/or planned to increase the rate of progress together with an estimate as to when scheduled progress will be regained. Should the plan of action be deemed inadequate by the Architect, the Contractor will take additional steps or make adjustments as necessary to his plan of action until it meets with the Owner's approval. The acceleration of work will continue until scheduled progress is regained. Scheduled progress will be established from the latest revised approved progress schedule for the job. Timely completion will be understood as the contract completion date is revised by all time extensions granted at the time acceleration is undertaken.

- c. The Contractor shall not be entitled to additional compensation for the additional effort he applies to the work under the terms of this sub paragraph.

2.02 WAIVER OF LIEN

It is distinctly understood that by virtue of this contract no mechanic, contractor, material man, artisan or laborer, whether skilled or unskilled, shall ever in any manner have claim or acquire any lien upon the building, or any of the improvements of whatsoever nature of kinds so erected, built or situated.

END OF SECTION 01600

SECTION 01700 - PROJECT CLOSE OUT

- 1.00 GENERAL: Applicable provisions of the General Documents and Specifications apply also to work under this Section.
- 2.00 DESCRIPTION OF REQUIREMENTS:
- A. DEFINITIONS: Project close-out is hereby defined to include general requirements near the end of Contract Time, in preparation for final acceptance, final payment, normal termination of contract, occupancy by Owner and similar actions evidencing completion of the Work. Specific requirements for individual units of work are specified in sections of Divisions 2 through 16. General requirements at time of project completion are also set forth in General Conditions and Division 1.
- B. DESCRIPTION : In anticipation of the completion of construction operations, the contractor shall, in compliance with project specification preparation, coordination, assembly and subsequent transmittal of project documents and records to the Architect for review as on of the prerequisites for certification of substantial completion and final payment.
- C. PROJECT RECORDS AND DOCUMENT REQUIRED PRIOR TO SUBSTANTIAL COMPLETION:
The required project records and documents for submittal prior to achievement of substantial completion shall include, but not necessarily be limited, to the following list of items (3) copies of each) bound in three (3), three ring binders, with the Project name, Owner's name, Architect's name, and Contractor's name.
1. Provide a list of all sub-contractors and the major suppliers of materials for the project including their business address and telephone numbers, and contract person(s) for Warranty work.
 2. Obtain and deliver to Architect, for delivery to Owner, all special tools necessary for maintenance, operation, or monitoring of equipment apparatus.
 5. Manufacturer's printed instruction manuals describing operating, servicing, maintenance and repair of each item of equipment and apparatus, including a complete description of each item with all ratings, capacities, and characteristics along with full detailed parts lists including all numbered parts of each item.
 6. Written documentation indicating that the Owner has received all of the prescribed sessions of in-service training associated with systems, materials, equipment, maintenance, and procedures.
 7. Documents required by the General and Supplementary General conditions.
 8. Include Table of Contents with tabbed, rigid dividers between sections. Three ring binders shall be white with clear plastic cover to receive front and side title information.
 9. Such warranties, Bonds, Guarantees and Certifications shall be included within separate

sections within the 3-ring binder and shall be entitled "BONDS", "CERTIFICATES", "GUARANTEES".

10. Drawings shall be reduced to an 11" high height with width folded-in.
11. Sections shall each be tabbed and entitled with rigid dividers. (e.g. "MAINTENANCE," "TEST DATA," "MANUALS," "IN-SERVICE TRAINING," ETC.)

All above information is to be transmitted to Architect at one time prior to requesting substantial completion inspection.

D. PROJECT RECORDS AND DOCUMENTS REQUIRED PRIOR TO FINAL PAYMENT

The following project records and documents for submittal prior to final payment shall include, but not necessarily be limited to, the following list of items (3 copies of each):

1. Contractor's written certification that all punch list items have been completed.
2. Certification of Contractor's affidavit of payment of debts and claims, AIA G706A.
3. Certification of Contractor's affidavit of release of Liens, AIA G706A.
4. Certificate of consent of surety company to final payment, AIA G707.
5. Documents required by the General and Supplementary General Conditions.

7. Contractor's request for final payment.
8. Resolution of all allowances.

CLEANING UP: Leave all area in clean condition; remove from site all waste material, lumber, debris, etc. Glass windows to be thoroughly cleaned and washed, replace all broken glass. Building shall be left in a condition ready for occupancy by the Owner by the date of Substantial Completion fixed in the Notice to Proceed.

E. INSPECTION PROCEDURES:

1. Prior to requesting inspection:
 - a. Each Subcontractor shall make careful inspection of their work, and shall furnish a typewritten list of incomplete items to Contractor and Architect. Said list shall be specific as to room number, and location of incomplete or unacceptable condition.
 - b. Contractor or his superintendent shall review lists furnished by subcontractors, make a careful inspection personally of all areas scheduled for Substantial Completion, assuring that the work on that part of the Project is ready for Substantial Completion, prepare and submit a separate typewritten list of incomplete items to the Architect for review, and then notify in writing, the Architect and Owner, to make their inspection.
 - c. Prior to requesting inspection: Contractor or his superintendent shall make a careful inspection personally of all areas scheduled for substantial completion, assuring himself that the work on that part of the project is ready for Substantial Completion acceptance, and then notify, in writing, the Architect and Owner to make their inspection.

2. Initial Inspection: Upon receipt of Contractor's request, Architect will either proceed with inspection or advise Contractor of prerequisites not fulfilled. Following initial inspection, Architect will either prepare a Certificate of Substantial Completion or advise Contractor of work which must be performed prior to issuance of Certificate; and repeat inspection when requested to assure that work has been substantially completed. Results of completed inspection will form initial punch list for final acceptance.
3. If, at the end of the 30 days granted to Contractor for completion of all items on the punch list at the time of issuance of Substantial Completion, any items have not been completed, Contractor will notify Architect, in writing, of the status of the punch list items.

3.00 CLOSE-OUT PROCEDURES

- A. **GENERAL OPERATING/MAINTENANCE INSTRUCTIONS:** Contractor shall arrange for each installer of work requiring continuing maintenance and/or operation service, to meet with Owner's personnel at project site to provide basic instructions as required for proper operation and maintenance of the work. Include instructions by manufacturer's representative where installers are not factory-trained experts in the required procedures. Review maintenance manuals, record documentation, tools, spare parts and replacement materials, lubricants, fuels, identification system, control sequences, hazards, cleaning and similar procedures and facilities. For operational equipment, demonstrate start-up, shut-down, and emergency operations; noise and vibration adjustments; safety/economy/efficiency adjustments; and similar operations. Review maintenance and operations in relation to applicable warranties, agreements to maintain bonds, and similar continuing commitments.
- B. **FINAL CLEANING:**

GENERAL: Contractor shall provide final cleaning of the work prior to final acceptance inspections, to a normal "clean" condition expected of a first-class building cleaning and maintenance service. Comply with material manufacturer's instructions for cleaning methods and materials.

END OF SECTION 01700**END OF DIVISION**

DIVISION 10 - SPECIALTIES

The General Conditions, Supplementary Conditions, and General Requirements are a part of this division as if herein included.

SECTION 10010 - MISCELLANEOUS ITEMS**1.00 GENERAL**

- A. This Section is subject to the provisions and requirements of all Contract Documents.
- B. SUBMITTALS:
1. Refer to Division 1 for submittal requirements and procedures.
 2. Shop drawings are required for all items requiring fabrication and/or coordination with work of other Sections.
 3. Samples:
 - a. If requested by Architect, provide single samples of accessory and/or specialty items proposed for use on this project.
 - b. Samples submitted under this Section will be returned to Contractor when no longer required, and if approved, may be installed in the work.

2.00 PRODUCTS AND PROCEDURES

- A. ITEMS:
1. General: All items shall be accurately located, carefully plumbed and leveled, and securely and rigidly attached and reinforced as necessary. Use manufacturer's mounting devices as best suited to installation conditions, and as approved by Architect. All attachments shall be by mechanical means; cemented installation will not be accepted. Provide concealed grounds and backing where necessary .
 2. Washer (W-1): Provide and install two (2) B & C Technologies 60lb Washer/Extractor Simple 30 programmable microprocessor control 200G Force 4 Liquid and Powder supply ready 200-240/60/1PH or 3PH 20 AMP. Model # HE60-1PH/3PH
 - a. Units shall be installed by a factory representative. Warranty: 90 days labor, 2 years limited parts, 5 years frame
 - b. Provide Owner training on-site.
 - c. Maximum width of machine shall allow machine to fit through a standard 3'-0" wide x 7'-0" tall doorway.

3. Dryer (D-1): Provide and install three (3) Huebsch. 30 lb Stacked Electric Dryer Model # HTT30EQT.
 - a. Units shall be installed by a factory representative. Warranty: 90 days labor, 2 years limited parts, 5 years frame
 - b. Provide Owner training on-site.
 - c. Maximum width of machine shall allow machine to fit through a standard 3'-0" wide x 7'-0" tall doorway.
7. METAL DETECTOR (M-1): Provide two (2) Garret Pinpoint Detection Magnascanner PD 6500 i six zone # AP140 walk-through metal detector
8. HANDHELD METAL DETECTOR: Provide four (4) Garret Superwand #AP001 hand held metal detectors.
9. TV Wall Brackets – (TOTAL QUANTITY: 12)— Provide and install where indicated on drawings Peerless #JMW2650: The mount shall allow for forward tilt up to 30°. It shall provide clamp style roll out protection devices both at the top of the monitor and in front of the monitor. It shall also provide for the optional use of an additional ratchet type safety belt. It shall be capable of swivel action up to 360°. The mount shall include accessory bracket (by the same manufacturer) for VCR storage which shall be added without the necessity of removing the monitor. The mount shall be capable of accepting the weight and dimensions of a (13", 20", 27", 35", 37", 42") TV/monitor. The mount shall include a full support tray underneath the monitor. This support tray shall allow for three inches of fore and aft movement so that the mount can be balanced for the weight characteristics of the individual monitor. The mount shall be UL listed and carry a four to one safety factor in terms of weight bearing capacity.
10. Dining tables: Provide and install 12 folding dining tables equal to SICO TC-65 Mobile Folding Table

3.00 DEMONSTRATION, OPERATING INSTRUCTIONS AND TRAINING

- (A) Provide operating/maintenance manuals, training materials and instruction period to communicate a total understanding of operations and maintenance of all equipment included in the work. Submit proposed operating/maintenance materials and training materials for review, comment and approval by the Architect and Owner. Coordinate with Owner to review materials and instruction periods, to assure Owner instruction and information requirements will be met. Obtain approval from Architect prior to scheduling training session.
- (B) On-Site Training: Provide representative(s) to Owner who are knowledgeable in the operation of and maintenance of equipment, and for an on-site instruction and training period involving Owner's designated personnel. Representative must be capable of training personnel in the adjustment and operation of equipment including pertinent safety requirements, and instructing maintenance personnel in its operation, repair and

upkeep. Instruction shall be given during the first week after the system has been accepted and turned over to the Owner for regular operation, except if equipment adjustment and/or repairs are required for its use. In such case, training sessions are not to occur until such adjustments and/or repairs have been completed and written documentation of said adjustments and/or repairs having been completed, furnished to Architect and Owner.

1. On-site instruction and training period will not exceed one (1) eight (8) hour day.

END OF SECTION 10010

SECTION 10426 - SIGNAGE AND GRAPHICS

SPECIALTY SIGNS:

A. PLAQUES

PART 1 GENERAL:

- 1.01 Provide and install two (2) metal identification plaques. Refer attached drawings.
- 1.02 Shop Drawings: Submit rubbing of plaque casting for approval by Architect.

PART 2 PRODUCTS: Plaques shall be solid Bronze.

PART 3 EXECUTION: Plaques shall be installed in strict accordance with manufacturer's recommendations. Locate as directed by Architect.

B. LETTERS

PART 1 GENERAL:

- 1.01 Provide and install all letters as specified herein.
- 1.02 Letters: Provide one set of letters to identify building as follows:

JUDGE MARIO E. RAMÍREZ, JR. JUVENILE JUSTICE CENTER
1001 N. DOOLITTLE ROAD

PART 2 PRODUCTS:

- 1.01 **BUILDING NAME:** Letters to be Southwell Deep Ribbon S-915, 10" high, baked enamel color to be selected by Architect.
- 1.02 **BUILDING ADDRESS:** Letters to be Southwell Deep Ribbon S-915, 6" high, baked enamel color to be selected by Architect.

END OF SECTION 10426

END OF DIVISION 10

DIVISION 11 - EQUIPMENT

The General Conditions, Supplementary Conditions, and General Requirements are a part of this division as if herein included.

SECTION 11195 - SAFETY PADDING**PART 1 – GENERAL CONDITIONS****1.1 Scope**

- (A) Provide all labor and material required to furnish and install protection padding (walls, floors, concrete bunk, doors, frames and ceilings) in holding cells C118 and C182 as indicated in drawings and specified herein
- (B) Submit typical shop drawings showing details, thickness of materials and typical requirements.
- (C) Submit three (3) samples – minimum of 3"x3" in size – for approval and acceptance of protective padding system for use in safety cells, seclusion rooms and time-out rooms.
- (D) Submit two (2) copies of the manufacturer's maintenance instructions

1.2 Guarantees

- (A) Protective Padding Contractor shall agree to repair or replace any defective material or work for a period of one (1) year from the date of project completion. This guarantee shall also include any loss of adhesion, resiliency or delaminating. This guarantee does not cover the damage caused by sharp or burning objects. Guarantee for this work shall be signed the Protective Padding Contractor

1.3 Qualifications

- (A) Because of the special nature of the work specified within this section, persons, firms or corporations desiring to bid on this section of work must meet the following requirements:
 - (1) Have a minimum of five (5) years experience in the fabrication and installation of protective padding or work similar to that which is described herein.
 - (2) Have ten (10) successful installations of protective padding in detention facilities.

PART 2 – MATERIALS AND PRODUCTS**2.1 General**

- (A) Protective padding material shall be a synthetic resinous material. Substitutions of a closed cell polyvinyl chloride or other types of polyvinyl chloride surfacing material will not be permitted. Protective padding meeting the following requirements and approved for use is Gold Medal Safety Padding as manufactured by Marathon Engineering Corporation, PO Box 310, Mountain Ranch, California 95246, (209) 754-5121, www.goldmedalsafetypadding.com
- (B) All vertical panels shall be prefabricated. The panels are to be 1" nominal thickness Gold Medal Safety Padding bonded on Oriented Strand Board 7/16" thickness, making the wall panels a total of 1-1/2" thick.
- (C) The door jambs shall be 1/2" thickness Gold Medal Safety Padding with a durometer of 60 plus or minus 5, for a total of 1" thickness on door jambs.
- (D) All floor panels shall be prefabricated. The panels are to be 3/4" Gold Medal Safety Padding bonded on Oriented Strand Board 7/16" thickness, for a nominal thickness of 1-1/4"

2.2 Properties

- (A) In addition to meeting the minimum physical properties when cured, protective padding must contain a flame spread and smoke index which when tested in accordance with ASTM E84 is given a CLASS A FIRE RATING.
- (B) Padding must also conform to the following criteria.
 - (1) Weight is approximately 5 pounds per square foot
 - (2) Tensile strength range 300 P.S.I. minimum ASTM D412
 - (3) Temperature stability – unaffected from 20 degrees F to 120 degrees F
 - (4) Moisture absorption 0.8% to 1.05% by weight
 - (5) Compression set 90% recovery after 72 hours
 - (6) Compression properties 30 PSI to 70 PSI at 50% modulus
 - (7) Elongation at break 150% typical ASTM D412
 - (8) Fungus resistance complete
- (C) Fasteners for use in security vertical panels shall be recommended by manufacturer.

PART 3 - EXECUTION**3.1 Installation of Protective Padding**

- (A) Installation shall be in strict accordance with manufacturer details.
- (B) Inspect surface(s) to receive work under this section. Notify the architect in writing if surface(s) is not satisfactory for application of materials. Commencement of work constitutes acceptance of surface.
 - (1) All concrete surfaces must have a sixty-day (60) cure. No bonding agent or curing agent will be allowed.
- (C) All vertical panels will be mechanically fastened to walls
- (D) A minimum of sixteen (16) fasteners per 4' x 8' panel. The installers are totally responsible for panel installation of Gold Medal Safety Padding
- (E) A gap of 1/8" ± 1/16" will be left between panels. They will then be filled with Gold Medal Compound. When fully cured, it will be sanded to meet adjacent edges.
- (F) All fastener holes will be filled with Gold Medal Compound and sanded. Upon completion of all sanding of walls, doors, ceiling and floor, all surfaces will receive a Gold Medal topcoat.
- (G) Floor padding shall have handicap accessible transition strip, not to exceed 1:2.

3.2 Precautions

- (A) The following conditions are required for the installation and storage of materials.
 - (1) General Contractor or owner shall provide adequate storage of materials
 - (2) A minimum temperature of 65 degrees F shall be maintained for the duration of the installation.
 - (3) The General Contractor shall provide 120-volt electrical service, storage in a safe, warm and dry area, hoisting equipment and refuse receptacle

END OF SECTION

END OF SECTION 11195

2'-0"

3'-0"

RAISED GRAPHIC

POLISHED EDGES

2007

LEATHERETTE FINISH

RAISED LETTERS + NUMBERS

JUDGE MARIO E. RAMIREZ, JR.
JUVENILE JUSTICE CENTER
EDINBURG, TEXAS

LEATHERETTE FINISH

RAISED LETTERS + NUMBERS

GENERAL CONTRACTOR: DESCON CONSTRUCTION, L.P.

V.A Architecture
Vargas and Associates Architects
RAISED BOLD POINT

-JUVENILE BOARD-

MARIO E. RAMIREZ, JR. Judge, 35th District Court
Overseer

HORACIO PEÑA Judge, 92nd District Court
+ EDWARD G. APARICIO Judge, 92nd District Court
RUDY DELGADO Judge, 93rd District Court
BOBBY FLORES Judge, 139th District Court
ROSE GUERRA REYNA Judge, 206th District Court
JUAN R. PARTIDA Judge, 275th District Court
NOE GONZALEZ Judge, 370th District Court
LETICIA LOPEZ Judge, 339th District Court
AIDA SALINAS FLORES Judge, 398th District Court
RAMON GARCIA Hidalgo County Judge

-COMMISSIONERS' COURT-

RAMON GARCIA Hidalgo County Judge
SYLVIA HANDY County Commissioner, Precinct 1
HECTOR "TITO" PALACIOS County Commissioner, Precinct 2
JOE M. FLORES County Commissioner, Precinct 3
OSCAR GARZA, JR. County Commissioner, Precinct 4

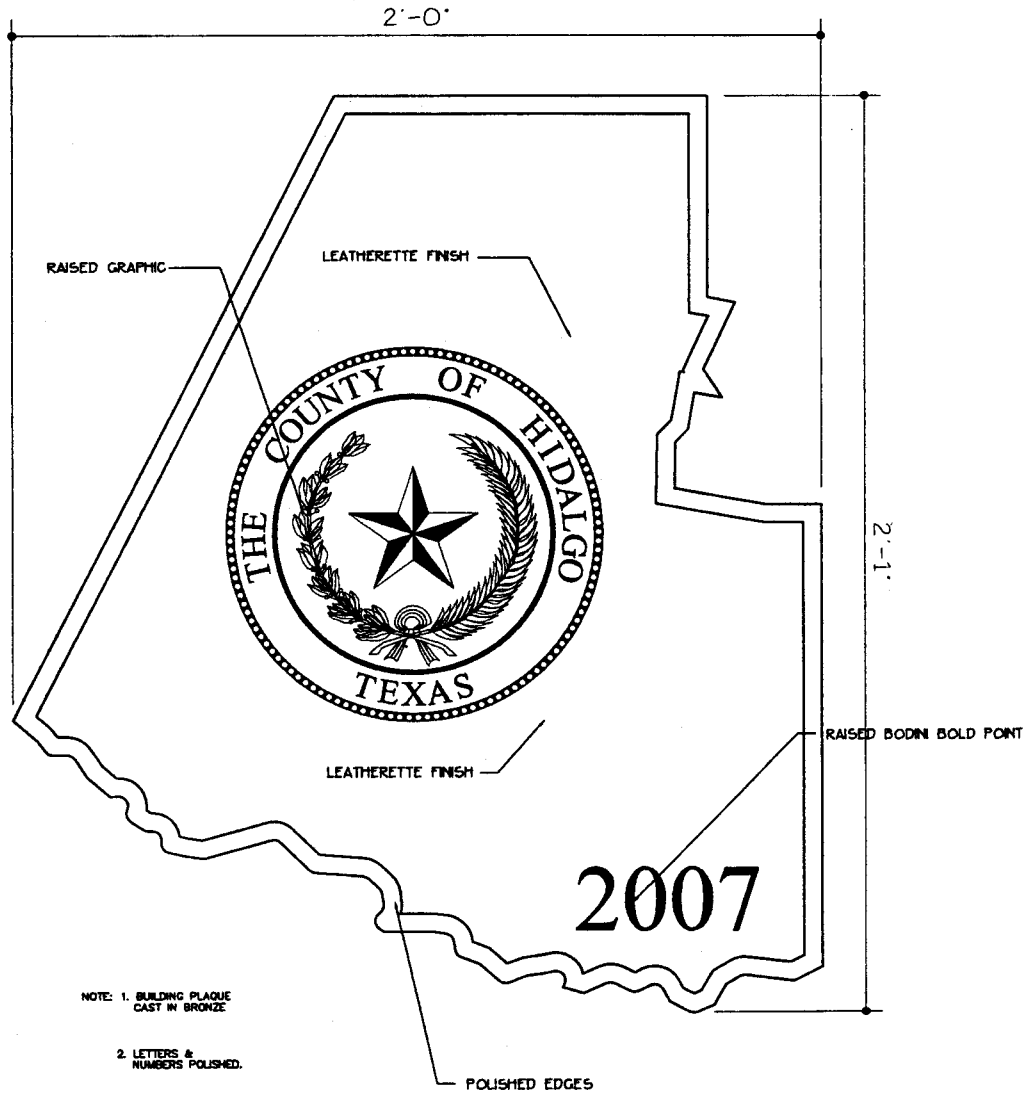
-JUVENILE JUSTICE CENTER-

ISRAEL "BUDDY" SILVA, JR. Director
Chief Juvenile Production Officer

2007

NOTE: 1. BUILDING PLAQUE CAST IN BRONZE 2. LETTERS & NUMBERS POLISHED.





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Date

BP-2
3



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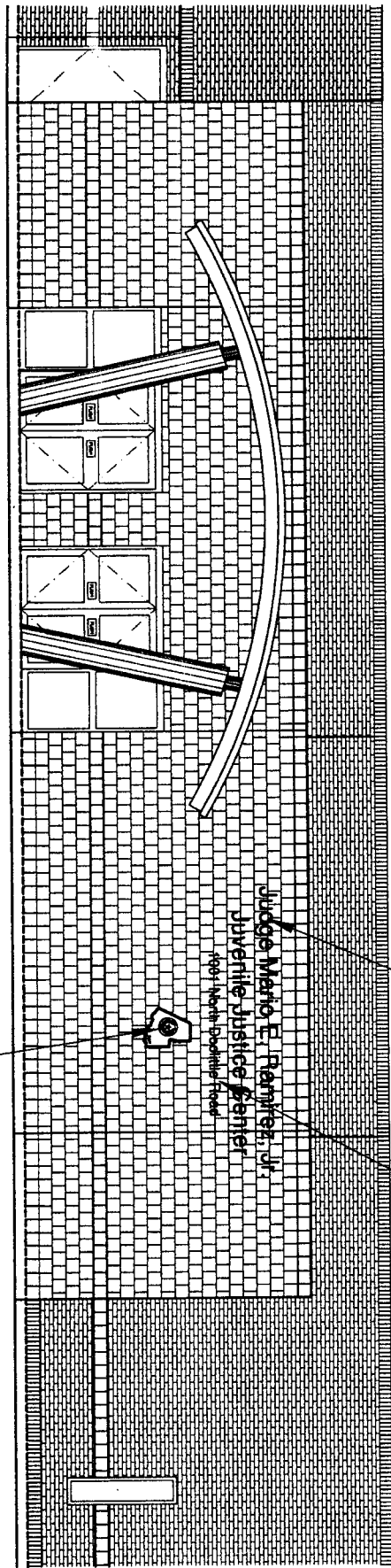
Vargas & Associates 2829 Industrial Drive McAllen, Texas 78504 (956) 611-2242

JUVENILE JUSTICE CENTER
FOR
HIDALGO COUNTY
EDINBURG, TEXAS

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V.A. Architecture

DATE _____
DESIGNED BY _____
DRAWN BY _____



BRONZE PLAQUE

Judge Mario E. Ramirez, Jr.
 Juvenile Justice Center
 4901 North Goodnight Road

10' TALL
 LETTERING

6' TALL
 LETTERING

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BP-3
 3



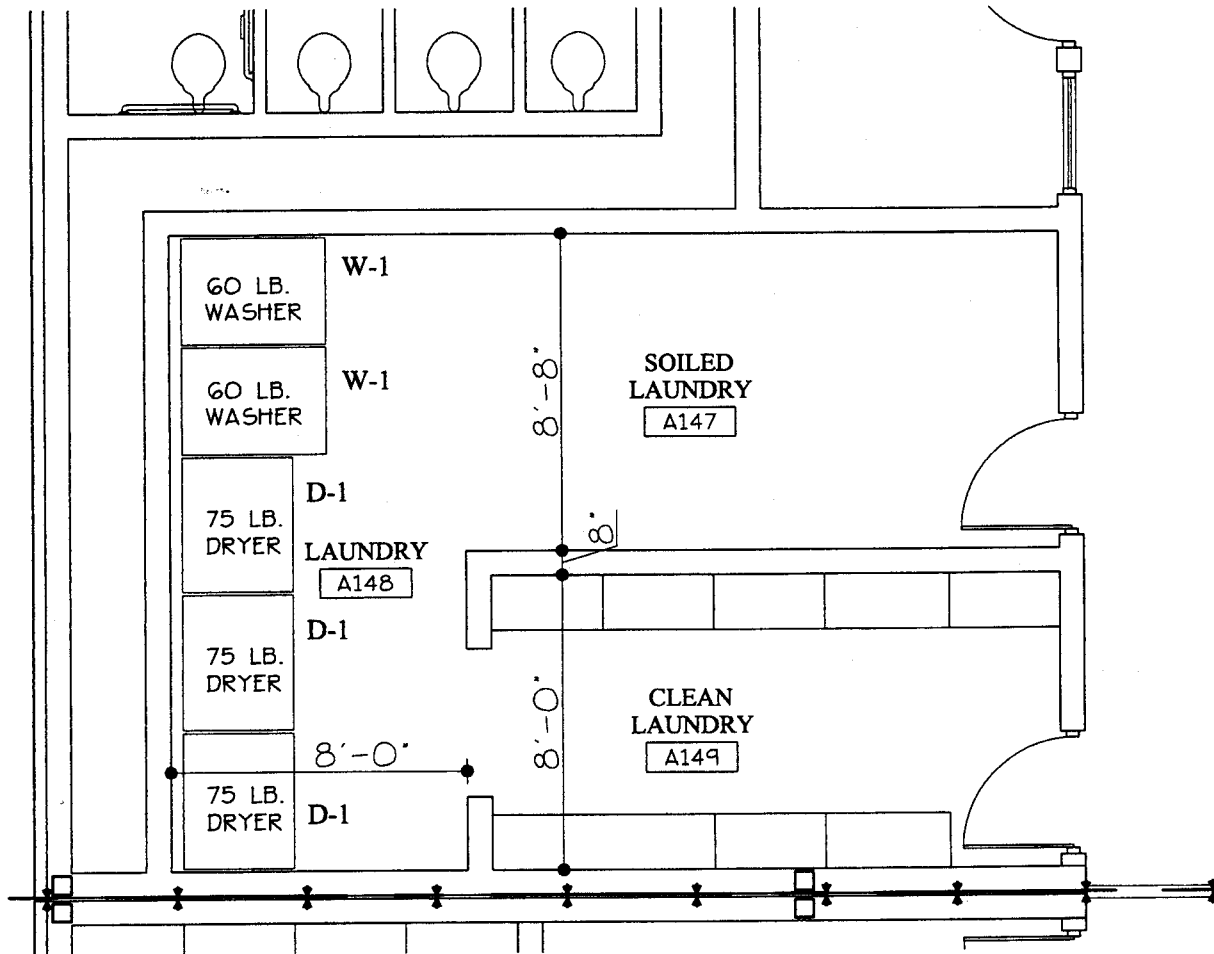
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VA Architecture

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DATE	
REVISION	
DRAWN BY	



LAUNDRY A-148

- 2 - (W-1) 60 LB. WASHERS
- 3 - (D-1) 75 LB. DRYERS

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A-01
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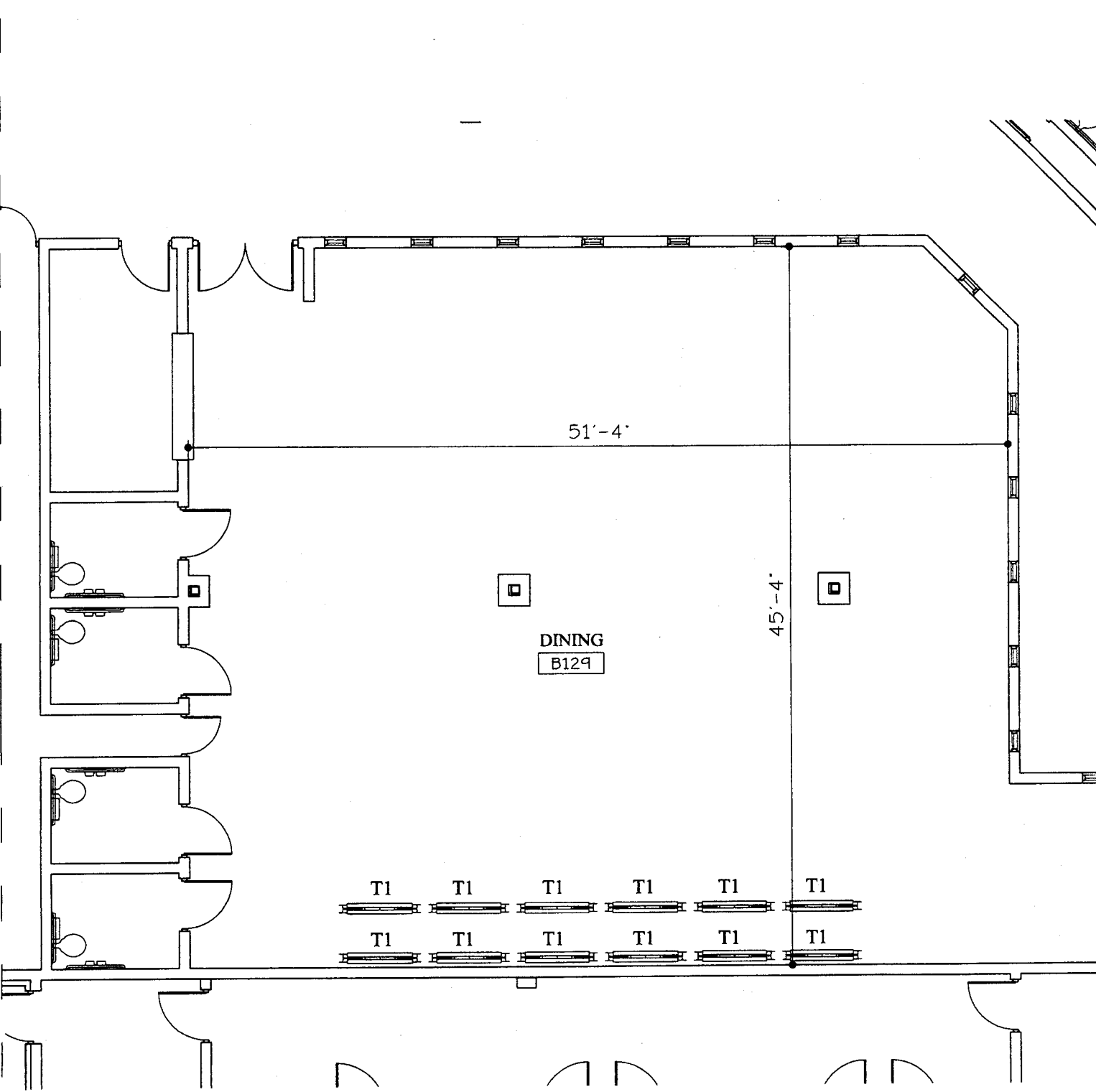
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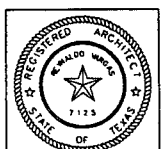


DINING ROOM B-129

12 - (T1) SICO -TC 65 FOLDING DINING TABLES

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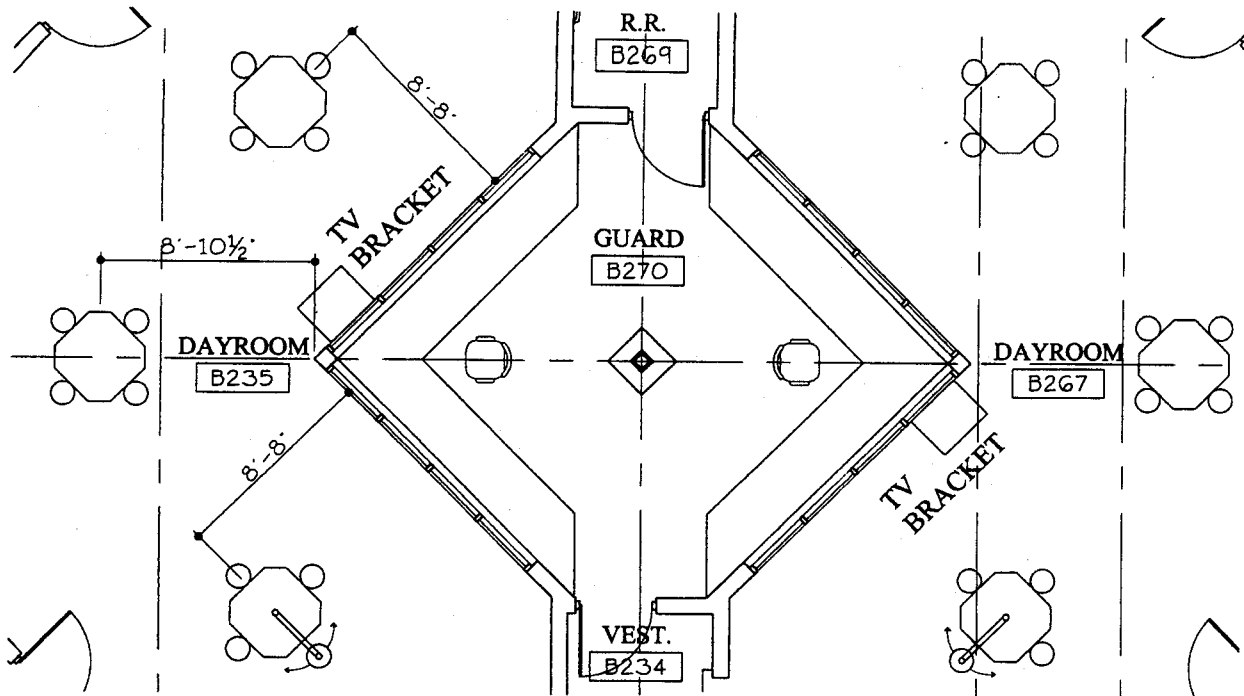
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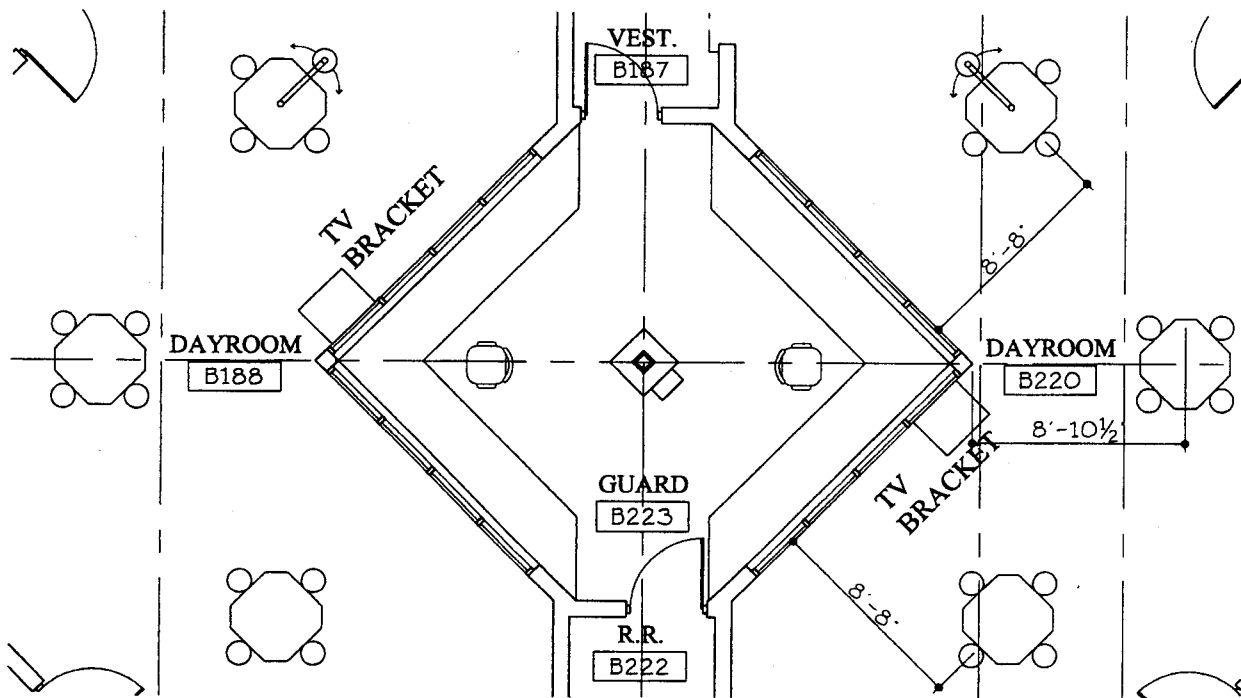
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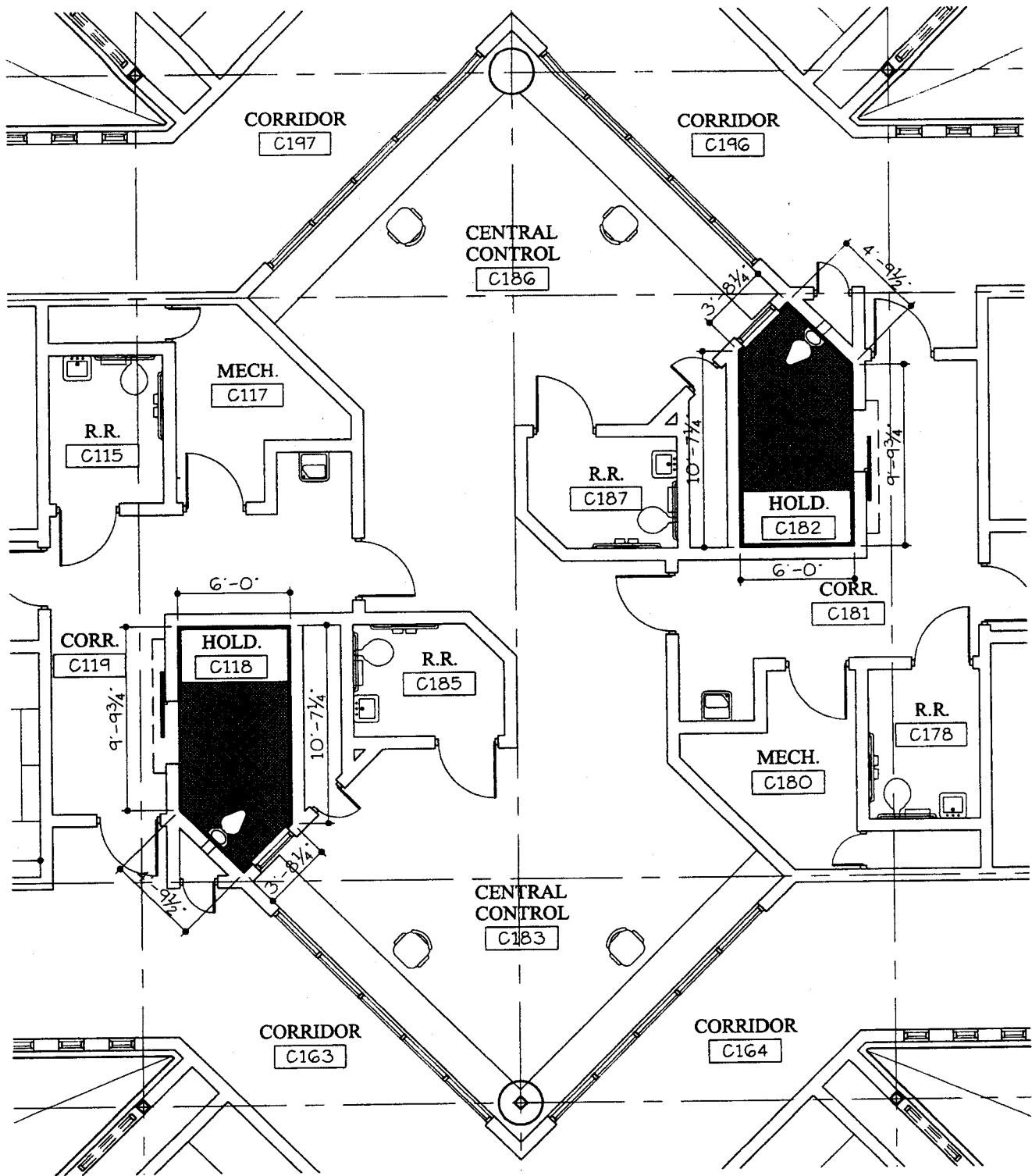
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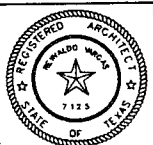


HOLDING CELL #'s C-118,C-182
 2 - (P1) CELL WALL, FLOOR, AND CELL DOOR PADDING

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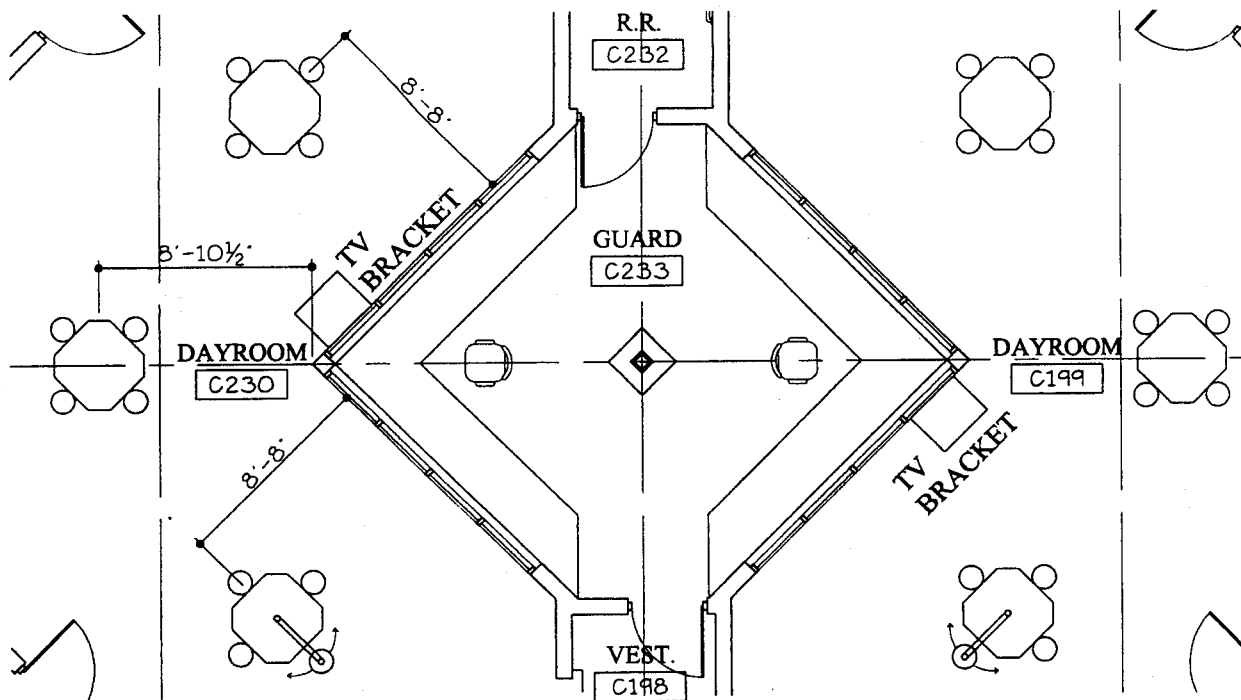
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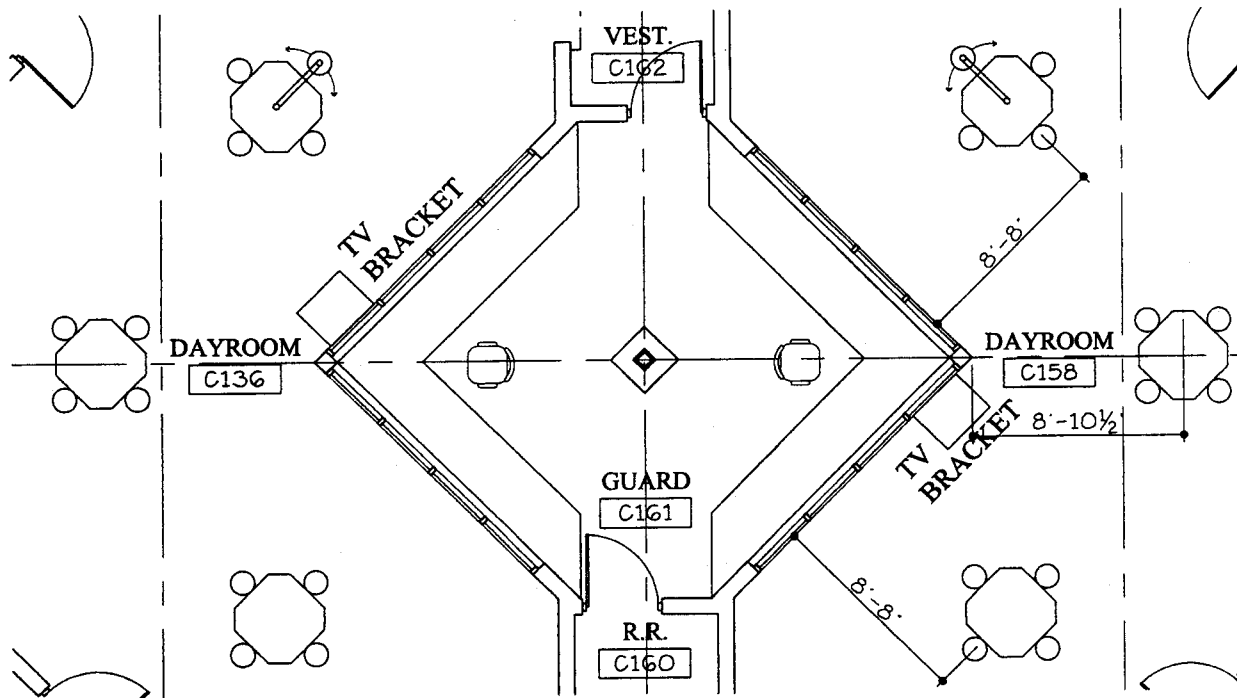
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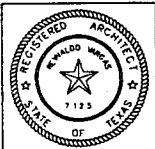


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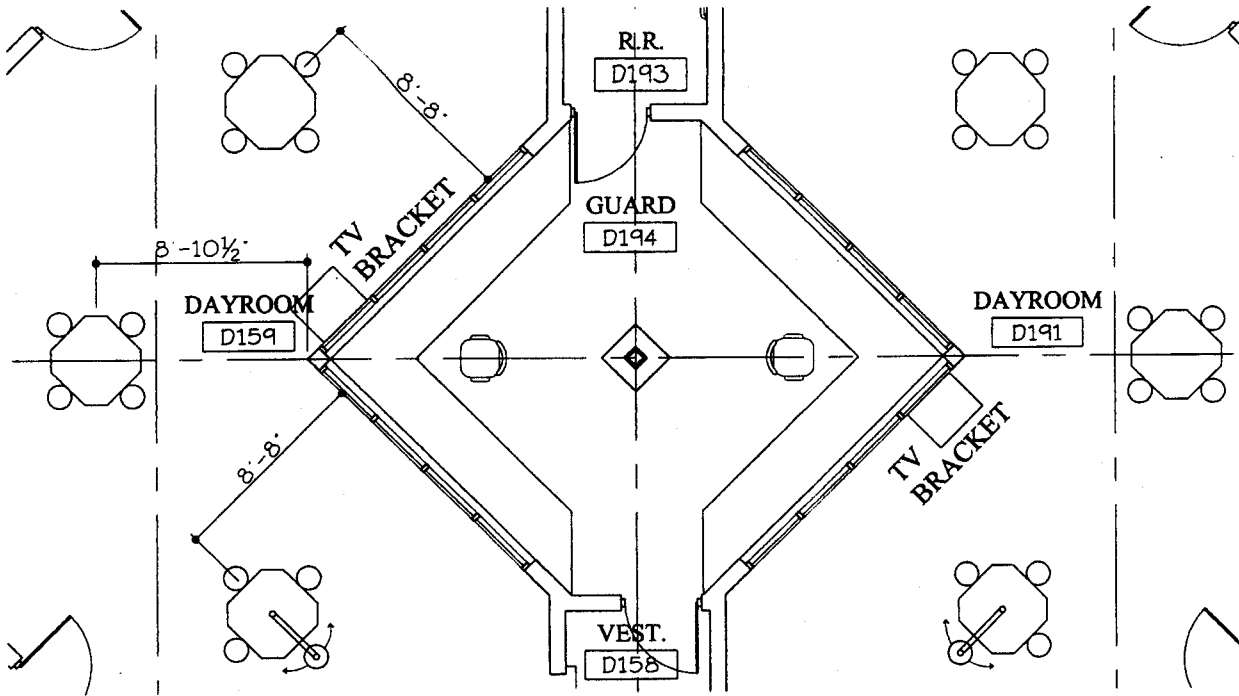


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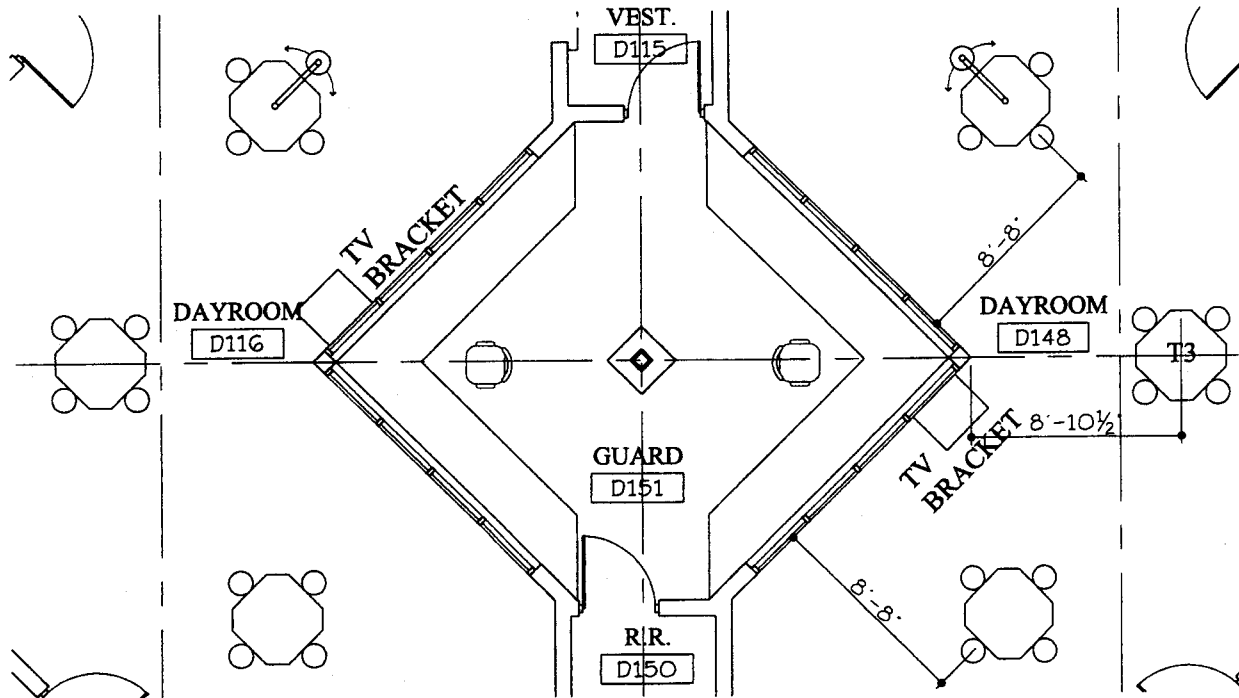
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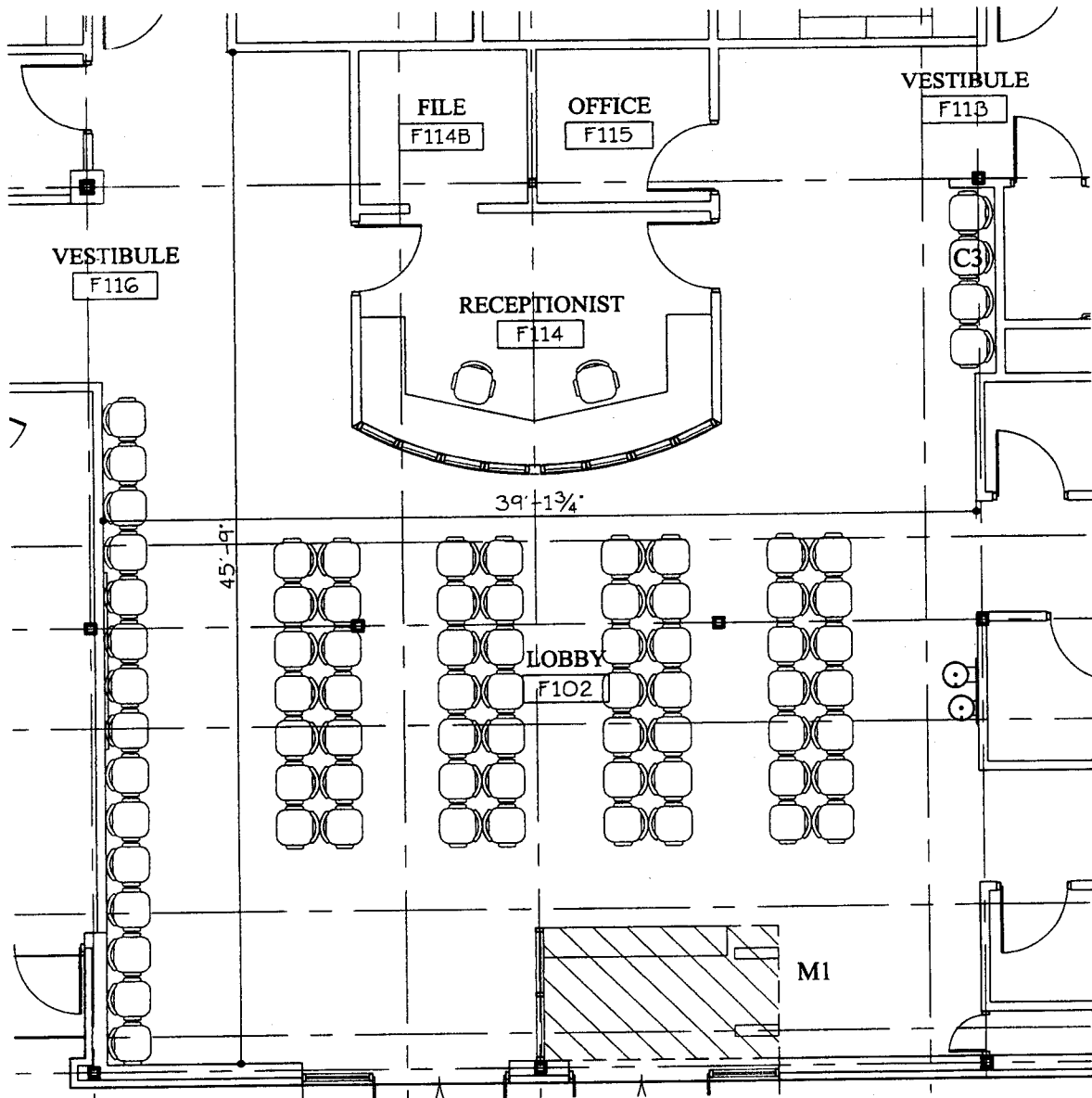
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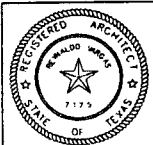
LOBBY F-102

2 - (M1) METAL DETECTOR

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