



ADDENDUM NO. 3

PROJECT NAME: FIRE STATION # 52

DATE: 05/20/2016

ADDENDUM NO.3

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

PROJECT NO.: 20-00045

Low Qualified Formal Invitation for Bid and Contract:

- Substitute and utilize the revised “010 Low Qualified Formal Invitation for Bids (IFB) to Contracts” as attached.
- Alternate #3 for the provision and installation of a state certified modular building in lieu a manufactured mobile home has been added to the Construction Documents.
- Substitute and utilize the revised “020 Bid Form” as attached.

CITY OF SAN ANTONIO

Issued By: Transportation and Capital Improvements
ID NO.: 20-00045-01-04

Date Issued: May 13, 2016

(010) LOW QUALIFIED FORMAL INVITATION FOR BIDS (IFB) to CONTRACT
FIRE STATION 52 #20-00045

Sealed bids, subject to the Terms and Conditions of this Invitation for Bids and other contract provisions, will be received at the Office of the City Clerk, City Hall, 100 Military Plaza, San Antonio, Tx 78205 until 2:00 P.M. CST on Tuesday, May 31, 2016 (solicitation deadline) and publicly read aloud in City Council Chambers, 114 W. Commerce, Municipal Plaza Building. Bids must be submitted in a sealed envelope and clearly marked with the bidder's name, Project Name and ID NO. The City is not responsible for submissions not clearly and appropriately marked. Late submissions will be rejected and returned to bidder. A Non-Mandatory Pre-bid meeting will be held at 114 W. Commerce, San Antonio, TX 78205, 9th floor conference room on May 17, 2016 at 10:00 A.M. Deadline for questions is May 20, 2016 at 4.00 P.M.

This invitation includes the following Contract Documents:

- 010 Invitation for Bids and Contract Signature Page
020 Bid Form
024 Unit Pricing Form
030 Experience & Qualifications
040 Standard Instructions to Respondent
041 Certificate of Interested Parties (TEC Form 1295)
050.01 SBEDA Guidelines
Subcontractor/Supplier Utilization Plan
060 Supplemental Conditions
075 Performance Bond
076 Payment Bond
081 General Conditions for Construction Contracts
Wage Decision

Plans, Specifications and Special Conditions may be purchased at a cost of \$125.00 per set (tax included) from the office of Beaty Palmer Architects, Inc., 110 Broadway, Ste 600, San Antonio, TX 78205; Phone: (210) 212-8022. No refund will be made for plan sets that are returned. Changes to Plans, Specifications and Special Conditions will be included in an addendum and will be posted on the web at http://www.sanantonio.gov/purchasing/biddingcontract/opportunities.aspx along with this solicitation. Bidder understands and agrees that bidder is responsible for obtaining addenda and adhering to all requirements in addenda. City is not responsible for incorrect information obtained through other sources.

The following documents (fully completed and with original signatures) constitute the required information to be submitted as a part of the bid proposal:

- 010 Invitation for Bids and Contract Signature Page
020 Bid Form
024 Unit Pricing Form
030 Experience & Qualifications
Bid Bond
Subcontractor/Supplier Utilization Plan
Signed Addenda Acknowledgement Forms
Proof of Form 1295 with Certification Number & Date Filed

This is a Qualified Low Bid Solicitation. It is understood and agreed that the work is to be substantially completed on or before 160 calendar days. This project includes no hazardous environmental work. This project requires 1 project sign(s).

Small Business Economic Development Advocacy (SBEDA) Program Compliance - Respondents shall meet the subcontracting requirements as stated on Form 050.01 and on the Subcontractor/Supplier Utilization Plan posted with this solicitation on the City's website.

Wage Decision - Respondent shall meet the prevailing wage rate requirements established for this contract and shall reference the wage decision posted with this solicitation on the City's website.

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with Contract Documents for the amount(s) shown on the accompanying bid sheet(s). The work proposed to be done shall be accepted when fully completed and finished to the entire satisfaction of the City. The undersigned certifies all prices contained in this bid have been carefully checked and are submitted as correct and final. The bidder by submitting this bid and signing below, acknowledges that he/she has received & read the entire Bid and Contract document and agrees to be bound by the terms therein, has received all Addenda, and agrees to the terms, conditions, and requirements of the bidder's bid proposal and all documents listed in the tables above and the enabling Ordinance and associated documentation that form the entire Contract upon approval by the City Council.

Official Name of Company (legal): _____

Original Signature of Person Authorized to Sign Bid/Contract / Date Signer's Name: _____ (Please Print or Type)

Date: May 20th, 2016
Project No. 1601

ADDENDUM NO. 03

To the drawings and specifications for:
Fire Station 52
10440 Quintana Road

Beaty Palmer Architects, Inc.
110 Broadway, Suite 600
San Antonio, Texas 78205

Drawing Updates:

- 3.1 Alternate No. 3 has been added to the construction drawings. For Alternate No. 3, "include the amount to be added to or deducted from the base bid for the provision and installation of a state certified modular building in lieu a manufactured mobile home as indicated in the Construction Documents." Refer to attached Architectural Drawings A7.1, A7.2 & A7.3 seal dated 05.20.2016.
- 3.2 The Bid Form has been updated to include Alternate No. 3.
- 3.3 Sheets A6.1 & A6.2 have been updated to co-ordinate the outline specifications with the revised Bid Form.

Attachments: Architectural Sheets A6.1, A6.2, A7.1, A7.2 & A7.3 seal dated 05.20.2016.
Revised Bid Form - 020

Cory W. Hawkins, AIA, LEED AP
Principal



Beaty Palmer Architects, Inc.
110 Broadway St., Suite 600
San Antonio, Texas 78205

Tel: +1 210 212 802

CITY OF SAN ANTONIO

Project Name: Fire Station 52
ID NO.: 20-00045

Date Issued: May 20, 2016
Page 1 of 2

The estimated construction budget for this contract is \$925,644.00

020
BID FORM

Legal Name of Company (print)

I. BASE BID

Total Amount of Base Bid Insert Amount in Words and Numbers):

\$ _____

II. ALTERNATES

Alternate #1 – Include the amount to be added to the base bid for the provision and installation of a pre-engineered metal building and the associated building components and systems required for a 2 Bay Building as indicated in the Construction Documents. Refer to Specification Section 012300-Alternates for additional information.

Total Amount of Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

\$ _____

Alternate #2 - Include the amount to be added to the base bid for the provision and installation of a pre-engineered metal building and the associated building components and systems required for a 3 Bay Building as indicated in the Construction Documents. Refer to Specification Section 012300-Alternates for additional information.

Total Amount of Additive Alternate #2 (Insert Amount in Words and Numbers):

\$ _____

Alternate #3 - Include the amount to be added to or deducted from the base bid for the provision and installation of a state certified modular building in lieu a manufactured mobile home as indicated in the Construction Documents. Refer to Addendum 03 for additional information.

Total Amount of Additive or Deductive Alternate #3 (Insert Amount in Words and Numbers):

\$ _____

Person Authorized to Sign Bid/Contract (Print)

Title of Person Signing

Address

Fax No.

City, State and Zip Code

Local Headquarters
 Local Branch Office
(Check one)

Telephone No.

E-mail Address

Name of the proposed **Project Manager:** _____

Name of the proposed **Site Superintendent:** _____

SPECIFICATIONS

SECTION 011000 - SUMMARY

1.1 PROJECT INFORMATION

- A. Project Identification: Fire Station 52
1. Project Location: Quintana Road, San Antonio, Texas.
- B. Owner: San Antonio Fire Department
1. Owner's Representative: Mark Beavers, Senior Architect with City of San Antonio Transportation and Capital Improvements. P#210.207.2738
- C. Architect: Cory Hawkins AIA, Beaty Palmer Architects, Inc. P#210.212.8022

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Scope: Construction of a fire station facility to include a pre-engineered metal building to house fire apparatus equipment and bunker gear as well as a pre-fabricated quarters structure to be utilized for personnel housing. Project includes, but is not limited to pre-engineered metal building construction, delivery/set up/ and hookup of premanufactured building, paving improvements, fencing, utilities, electrical work, freeze protection heating, hollow metal doors and frames, overhead doors, telecommunications work, and US Digital Designs Station Alerting System.

END OF SECTION 011000

SECTION 012300 - ALTERNATES

1.1 SCHEDULE OF ALTERNATES

- A. Alternate No. 1: Pre-Engineered Metal Building and Systems (2 Bay Building)

1. Base Bid: The base bid includes the building pad and a reinforced concrete foundation for a new 2 bay pre-engineered metal building, ~~excluding the pre-engineered metal building structure and associated improvements.~~ The base bid exclusive of the pre-engineered metal building will also include one hose bib and 2 pedestal mounted charging stations for fire apparatus vehicles. The 2 bay structure is approximately 48' wide x 64' long. The 2 bay structure requires full frame structure to facilitate future clear span building expansion.

2. Alternate: For Alternate No. 1, include the amount to be added to the base bid to provide and install the pre-engineered metal building and the associated building components and systems as indicated in the Construction Documents.

- B. Alternate No. 2: Pre-Engineered Metal Building and Systems (3 Bay Building)

1. Base Bid: The base bid includes the building pad and a reinforced concrete foundation for a new 2 bay pre-engineered metal building, ~~excluding the pre-engineered metal building structure and associated improvements.~~ The base bid exclusive of the pre-engineered metal building will also include one hose bib and 2 pedestal mounted charging stations for fire apparatus vehicles.

2. Alternate: For Alternate No. 2, include the amount to be added to the base bid to provide and install the pre-engineered metal building and the associated building components and systems required for a 3 Bay Building as follows:

- The 3 bay structure is approximately 72' wide x 64' long. Refer to Construction Documents for exact dimensions.
- Additional heavy duty concrete paving. Approximately 475sf. Refer to unit prices.
- Additional asphalt paving. Approximately 4,850sf. Refer to unit prices.
- Additional reinforced concrete foundation. Approximately 1,520sf. Refer to unit prices.
- 3 Additional Interior Lights.
- 2 Additional Exterior Lights.
- 1 Additional unit heater.
- 2 Additional Air-Vac Units.
- 1 Additional charging connection and associated electrical systems.
- Additional perimeter fencing. Approximately 25 lf. Refer to unit prices.
- 2 additional steel bollards.

- C. Alternate No. 3: Modular Quarters Building

1. Base Bid: The base bid includes provision and installation of a 32' wide x 76' long premanufactured HUD approved (residential) mobile home unit as specified under Section 131600 - Premanufactured Mobile Home Building.

2. Alternate: For Alternate No. 3, include the amount to be added or deducted from the base bid to provide and install a 28' wide x 64' long Modular Building as indicated in the Construction Documents and specified under Section 131650 - Modular Building Performance Specification. Refer to Addendum No. 2 for Modular Building Plans, Elevations, Details and Specification for additional information.

END OF SECTION 012300

SECTION 013300 - SUBMITTAL PROCEDURES

1.1 PROCEDURES

- A. Electronic copies of digital data files of the Contract Drawings will may be provided by Architect for Contractor's use upon request with execution CAD Release form.

- B. Submittal Procedures:
1. Submit via email as PDF files.

C. Contractor's Review:

1. Submittals: Marked with Contractor's approval stamp indicating review and compliance with construction documents before submitting to Architect.

D. Architect's Action:

1. "A ACTION": Fabrication manufacture and/or construction may proceed
2. "B ACTION": Fabrication manufacture and/or construction may proceed. The Architect's final acceptance of the Work will be contingent upon compliance with all requirements of the Contract Documents and any corrections or comments made on the submittal during review does not relieve contractor of above compliance.
3. "C ACTION": No work shall be fabricated manufactured and/or constructed. The Contractor shall redraw or resubmit the Shop Drawings or other submittals to conform with all requirements of the Contract Documents. Resubmit to the Architect
4. "D ACTION": Refer to Engineer's / Consultant's comments. The Architect's final acceptance of the Work will be contingent upon compliance with Engineer/Consultant comments providing it is in accordance with the Contract Documents. Items marked for re-submission by Engineer / Consultant shall have the same requirements set forth in "C Action. See Specification Section 01330.

END OF SECTION 013300

SECTION 014000 - QUALITY REQUIREMENTS

1.1 QUALITY ASSURANCE

- A. Mockups: For each form of construction and finish required, using materials indicated for the completed Work.

1. Demonstrate the proposed range of aesthetic effects and workmanship.
2. Maintain mockups as a standard for judging the completed Work.
3. Demolish and remove mockups when directed unless otherwise indicated.

B. MOCKUP SCHEDULE:

1. CAST-IN-PLACE CONCRETE - Refer to Specification Section 033000 - CAST-IN-PLACE CONCRETE

1.2 Demonstrate the proposed QUALITY CONTROL

- A. Manufacturer's field services.

- B. Retesting/Reinspecting: Regardless of whether original tests or inspections were Contractor's responsibility, provide quality-control services, including retesting and reinspecting, for construction that replaced Work that failed to comply with the Contract Documents.

- C. Special Tests and Inspections: Owner will engage a qualified testing agency to conduct special tests and inspections required by authorities having jurisdiction and as indicated in the special inspections letter to be provided to the City of San Antonio for permitting purposes. Contractor shall maintain a test and inspection log listing description of test, time, and date of test.

- D. Repair and Protection: Contractor's responsibility, regardless of the assignment of responsibility for quality-control services.

END OF SECTION 014000

SECTION 017300 - EXECUTION

1.1 EXECUTION

- A. Existing Conditions: Existence and location of site improvements, utilities, and other construction affecting the Work must be investigated and verified.

- B. Review of the Contract Documents and field conditions.

- C. Construction Layout: Engage a land surveyor to lay out the Work using accepted surveying practices.

1.2 CUTTING AND PATCHING

- A. Protect in-place construction.

- B. Protect adjacent occupied areas.

- C. Existing Utility Services and Mechanical/Electrical Systems: minimize interruption to occupied areas.

- D. Cutting: In general, use hand or small power tools. Cut holes and slots neatly to minimum size required. Temporarily cover openings when not in use. For cutting of concrete or asphalt paving, employ sawcutting methods for consistent and straight cuts/transitions between existing and new work.

- E. Patching: Patch with durable seams that are as invisible as practicable. Restore exposed finishes.

1.3 PROGRESS CLEANING

- A. Clean Project site and work areas daily. Dispose of materials lawfully.

- B. Keep installed work clean.

1.4 STARTING AND ADJUSTING

- A. Start equipment and operating components to confirm proper operation.

- B. Adjust equipment for proper operation.

1.5 PROTECTION OF INSTALLED CONSTRUCTION

- A. Provide final protection and maintain conditions that ensure Work is without damage.

END OF SECTION 017300

SECTION 017823 - OPERATION AND MAINTENANCE DATA

1.1 SUMMARY

- A. Operation and maintenance manuals.

1.2 PRODUCTS

- A. Format:
1. PDF electronic files with composite electronic index on digital media acceptable to Architect. include a complete electronically linked operation and maintenance directory.
- B. Operation Manuals: System, subsystem, and equipment descriptions, operating procedures, wiring diagrams, control diagrams and sequence of operation, and piped system diagrams.
- C. Product Maintenance Manuals: Source information, product information, maintenance procedures, repair materials and sources, and warranties and bonds.

END OF SECTION 017823

SECTION 017839 - PROJECT RECORD DOCUMENTS

1.1 DOCUMENTATION PROVIDED BY CONTRACTOR

- A. Record Drawings:
1. Contractor shall submit one pdf set of marked-up record prints.
- B. Record Product Data: one pdf copy.
- C. Miscellaneous Record Submittals: one pdf copy.
- D. Provide hardcopies of above items upon request by Owner/Architect.

END OF SECTION 017839

SECTION 033000 - CAST-IN-PLACE CONCRETE

1.1 QUALITY ASSURANCE

- A. Mockups of slab-on-grade panels to demonstrate surface finish, texture, tolerances, floor treatments, and standard of workmanship. Provide one 4'x4' mockup of light broom finish for SAFD approval prior to setting forms of new building foundation. Approved mockup will serve as measure of quality standard for the project. Provide additional mockups as required until approval by SAFD is achieved.

1.2 PRODUCTS

- A. Concrete General: ACI 301 - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

1.3 FIELD QUALITY CONTROL

- A. Special Inspections: By Owner-engaged special inspector.

END OF SECTION 033000

SECTION 055000 - METAL FABRICATIONS

1.1 PRODUCTS

- A. Materials: Steel shapes, angles, and pipe
- B. Miscellaneous Steel Trim: Overhead door steel channel and angle trim. Pre-Engineered Metal Building Manufacturer's heavy duty trim kits specifically designed for use at overhead door jambs and heads. Refer to drawings for sizing.
- C. Steel Bollards: Schedule 40 steel pipe - size as indicated.
1. Primed using zinc-rich primer and painted.
2. Dorned cap tops / continuously welded to pipe.

END OF SECTION 055000

SECTION 061000 - ROUGH CARPENTRY

- A. Miscellaneous Lumber:
1. Dimension Lumber: Construction or No. 2 grade - Fire retardant treated.
- B. Plywood Panels: Exterior grade, CD - Thickness as indicated - Fire retardant treated.
- C. Fasteners: Hot-dip galvanized steel, self-tapping, countersunk wood screws.

END OF SECTION 061000

SECTION 061600 - SHEATHING

1.1 MATERIALS

- A. Fire-Retardant-Treated Plywood:
1. Exterior type for exterior locations and where indicated.
2. Interior Type A unless otherwise indicated.
3. Application: Treat all plywood.
- B. Wall Sheathing:
1. Plywood: As indicated on drawings.
2. Paper-Surfaced Gypsum: Type X, 5/8 inch [15.9 mm] thick.
3. Glass-Mat Gypsum: [Regular, 1/2 inch [13 mm]] [Type X, 5/8 inch thick.
4. Cementitious backer units 5/8 inch.
- C. Fasteners: Hot-dip galvanized or Stainless steel where exposed to weather, in ground contact, in contact with treated wood, or in area of high relative humidity.
- D. Miscellaneous Materials:
1. Sealant for gypsum sheathing.
2. Sheathing tape.
3. Sheathing:
- a. Screw to wood framing.
- b. Screw to cold-formed metal framing.
- E. Gypsum Sheathing:
1. screw to wood framing.
2. Screw to cold-formed metal framing.

END OF SECTION 061600

SECTION 079200 - JOINT SEALANTS

1.1 SCHEDULE

- A. Exterior joints in horizontal traffic and non-traffic surfaces.
1. Joint Sealant: MasterSeal SL2
2. Joint Sealant Color: manufacturer's standard.

END OF SECTION 079200

SECTION 081113 - HOLLOW METAL DOORS AND FRAMES

1.1 EXTERIOR DOORS AND FRAMES

- A. SDI Heavy Duty: SDI A250.8, Level 2. Metallic-coated, cold-rolled steel sheet.
1. Edge Construction: Model 1, Full Flush.
2. Core: Manufacturer's standard Kraft-paper honeycomb
3. Face: 18 gauge
4. Frames Full profile welded.
5. Exposed Finish: Primed and ready to receive field painting.

END OF SECTION 081113

SECTION 083113 - ACCESS DOORS AND FRAMES

1.1 PRODUCTS

- A. Flush access doors and frames with exposed flanges.
1. Material: Metallic-coated steel.
- B. Finishes:
1. Metallic-Coated Steel: Factory finished.

END OF SECTION 083113

SECTION 083613 - SECTIONAL DOORS

1.1 WARRANTY

- A. Materials and Workmanship: 1 year
- B. PRODUCTS REQUIREMENTS
- C. Manufacturer: C.H.I. Overhead Doors
- D. Model: 3240 Steel Ribbed Sectional Overhead Door
- E. Sections: 24 gauge commercial quality steel. Hot dipped galvanized G60 coating.
- F. Exterior: polyester primer and topcoat available in white, brown, sandstone or grey.
- G. Interior: White polyester primer and topcoat. 2" Two horizontal ribs with alternating 'v' grooves. Tongue and groove rails. Wrap-around box style, 18 gauge galvanized steel, full height of section. Riveted to inside rails and face of door. Box style, 18 gauge galvanized steel, full height of section. Riveted to inside rails and face of door
- H. View Lites: one row 24" X 6" with 1/8" clear insulated dsb glass.
- I. Tracks: Heavy duty 3" [12 gauge] galv. steel with continuous [13 gauge] galv.

architect revisions
1 Addendum 3 05.20.16



FIRE STATION No. 52

10440 QUINTANA ROAD

SAN ANTONIO FIRE
DEPARTMENT

project number 1601
date 05.13.16
drawn by
checked by

sheet number
Beaty Palmer Architects, Inc.
110 Broadway, Suite 600
San Antonio, Texas 78205
voice 210.212.8022
fax 210.212.8018
www.beatypalmer.com

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BEATY PALMER ARCHITECTS

A6.1

SPECIFICATIONS CONTD.

- steel mounting angle. Tracks to be standard lift to fit available clearances.
- J. Hardware: Galvanized steel graduated heavy duty hinges (14 gauge min.) - galvanized top fixtures (12 gauge min.) - Galvanized 13 gauge bottom fixture (13 gauge min.) - 3" Rollers with 10 ball bearings and case hardened steel tires on a solid shaft.
- K. Springs: Oil tempered torsion springs to help counterbalance the door weight. Springs to be engineered for a minimum of 25,000 cycles
- L. Wind-load: Provide struts and reinforcements required for door to meet a 20# psf wind-load rating
- M. Weather-strip: Bottom vinyl loop to fit into continuous extruded aluminum retainer. Vinyl blade jamb and header
- N. Accessories: Red/Green Traffic Light (RGL24LY); Photo Eye entrapment protection; Push Button Control Station (3 button); 3 Button Remote (2 total - confirm quantity with Owner);
- O. Operator: Heavy duty draw bar - LiftMaster model T - Reversing safety photo eyes - Reversing safety edge. Take up reel - Receiver and transmitters - Audible alarm when plane of door is broken - open-close-stop - push button - Cycle counter;
- P. Emergency Brake Device: Safety Cam Bottom Fixtures
- Q. Safety Sensor: 14' Sensing Edge 2-wire universal Blackwith Mounting Channel with corresponding return reel.

1.2 INSTALLATION

- A. Factory-authorized service representative to perform startup service and testing and train Owner's personnel.

END OF SECTION 083613

SECTION 087100 - DOOR HARDWARE

1.1 DOOR HARDWARE SCHEDULE

3ea	STANLEY	HINGES	FB8179 4.5"x4.5" NRP 26D 626
1ea	STANLEY	CLOSERS	QDC 113P 626
1ea	STANLEY	CYLINDRICAL STOREROOM LOCKS	93K GRADE 1 ALLUM
1ea	HAGER	KICKPLATE	194S 8" X 34" 630
1ea	PEMKO	THRESHOLD	1655A-36" ALLUM
1ea	PEMKO	WEATHERSTRIP	303AV-36" X 84" ALLUM
1ea	PEMKO	OVERHEAD RAINDRIP	346CX40" ALLUM
1ea	PEMKO	DOOR BOTTOM SHOE	216AV ALLUM

Provide one Eternity-IV Heavy Duty Keypad Lock for Demark room door.
Provide one 10-key Keypad lock for exterior personnel door outside the security fence (Schlage CO-100 or equal).

- A. CONFIRM HARDWARE SELECTION, FUNCTIONS, AND KEYING REQUIREMENTS WITH OWNER PRIOR TO SUBMITTAL RELEASE. CONFIRM KEYING COMPATIBILITY WITH OWNER'S EXISTING OPERATIONAL FACILITY.
- B. DOOR HARDWARE LISTED HERE-IN INCLUDES ONLY THE PRE-ENGINEERED METAL BUILDING. QUARTERS BUILDING HARDWARE WILL BE BY MOBILE HOME BUILDING MANUFACTURER.
- C. HARDWARE PRICING TO BE INCLUDED IN ALTERNATE NO. 2. REFER TO SCHEDULE OF ALTERNATES FOR ADDITIONAL INFORMATION.

END OF SECTION 087100

SECTION 096723 - RESINOUS FLOORING

1.1 MANUFACTURERS

- A. Product: Provide BASF Degaclad CF self-leveling methacrylate based flooring system with decorative quartz broadcast.

1.2 RESINOUS FLOORING

- A. Resinous Flooring: Abrasion-, impact- and chemical-resistant, decorative-aggregate-filled, resin-based, monolithic floor surfacing designed to produce a seamless floor and integral cove base.
- B. System Characteristics:
 - 1. Color and Pattern: As selected by Architect.
- C. System Physical Properties: Provide resinous flooring system with the following minimum physical property requirements when tested according to test methods indicated:
 - 1. Compressive Strength: 6,000 psi per ASTM C 579.
 - 2. Tensile Strength: 3,550 psi per ASTM C 307.
 - 3. Flexural Modulus of Elasticity: per ASTM C 580.
 - 4. System to provide waterproof surface for use in project wet areas.
- D. Integral Cove Base: Apply cove base mix to wall surfaces before applying flooring. Apply according to manufacturer's written instructions and details including those for taping, mixing, priming, troweling, sanding, and topcoating of cove base. Round internal and external corners.
 - 1. Integral Cove Base: 4 inches high.

END OF SECTION 096723

SECTION 107310 PRE-ENGINEERED ALUMINUM WALKWAY CANOPY COVER

- A. Avadek Walkway Covers & Canopies: U-Bent Canopy System
- B. All components shall be 6063; 6061 or 6005 alloy extruded aluminum.

- C. Components shall be sized to comply with live load and wind load requirements of the project and shall not be less than the dimensions shown on the plan.
- D. The thickness of the aluminum deck panels shall be at least .080" thick.
- E. All columns shall have radius corners.
- F. Beams are open at top to drain canopy system internally into columns.
- G. Flashing shall be .040" thick.
- H. All bolts and fasteners shall be stainless steel or finished to match adjacent components and sized by canopy engineer.
- I. The finish and color selection of each component shall be chosen from the manufacturer's standard color selections and shall include:
 - 1. Polyester Baked Enamel
 - 2. Fluoropolymer
 - 3. Anodized- Clear

END OF SECTION 107310

SECTION 131600 PREMANUFACTURED MOBILE HOME BUILDING

1.1 PRODUCTS

- A. HUD Mobile Home Unit: 32'wide x 76' long double wide unit - Schullt Manor Hill "Savanah" by Alamo Homes or equal as selected by SAFD.

Contact Donna Rafko with Alamo Homes, P#210.633.3800, C# 210.630.8543.
- B. Exterior Wall Framing: SPF#2 - 2x4(minimum); 7/16" APA sheathing.
- C. Floor Framing: SYP 2x6 minimum, 2x8 and 2x10.
- D. Roofing: 20 year composition shingle.
- E. Exterior Options / Features:
 - 1. 8-1/2' Flat Ceilings.
 - 2. No Dormer
 - 3. Smart Panel Exterior Siding
 - 4. Exterior 3'-0" wide hollow metal doors locate as indicated on plans.
 - 5. Windows: Low E Thermal Pane windows.
 - 6. Manufacturer's standard trim package.
- F. Kitchen Options / Features:
 - 1. Appliances: Premium Kitchen Black Electric; Provide Standard Refrigerator with ice maker and microwave. Omit: Dishwasher and electric range from mobile home pricing. Refer to Construction Documents for ADA range required to be provided and installed by General Contractor.
 - 2. Pot and Pan Drawer IPO 24" Base.
 - 3. Recessed can lighting
 - 4. Omit kitchen sink pricing from mobile home pricing and installation. General Contractor to provide and install ADA Compliant Model as indicated in Construction Documents.
- G. Hall Bath
 - 1. Manufacturer's standard layout and features.
- H. Master Bath
 - 1. Provide shower layout; no bath tubs.
 - 2. Manufacturer's standard finishes and fixtures.
- I. Flooring
 - 1. Linoleum throughout. Decorative wood grain.
- J. Mechanical and Electrical
 - 1. Provide faucets with lever handles.
 - 2. Standard furnace / Air-handler unit with overhead ducts.
 - 3. 200 amp electrical service.
 - 4. 50 Gallon Electric Water Heater with access door.
- K. Provide ceiling fans with double switches at all bedrooms and dayroom/living rooms.
- L. Doors and Hardware
 - 1. Lever handle locksets, privacy sets, and passage sets.
 - 2. Manufacturer's standard 6 panel door.
- M. Miscellaneous
 - 3. Full Tape, Float, Texture, and paint throughout interior.
 - 4. Provide and install 1" mini-blinds for all windows.
- N. Uplift Rating: Refer to structural Drawings for applicable wind load requirements.

END OF SECTION 131600

SECTION 323113 - CHAIN LINK FENCES AND GATES

- 1.1 CHAIN-LINK FENCES AND GATES
 - A. Fence Fabric: Steel 2 inches with zinc coating.
 - B. Fence Framework: Steel.
 - 1. Fence Height: 72 inches
 - 2. Posts and Rails: Light Industrial strength.
 - 3. Rail Members: top and brace rails.
 - 4. Tension Wire: bottom.
 - 5. Finish: Zinc.
 - C. Gates:
 - 1. Finish: Matching fence framework and infill panels.
 - D. Gate Operators: AC High-Traffic Commercial Swing Gate Operator - LiftMaster CSW200 1/4 Horse Power or equal.
 - 1. Control Device(s): digital keypad and radio control (provide 4 remotes).

- 2. Provide and install digital keypad base plate and mounting post.
- 3. Obstruction Detection Device(s): Photo Eyes and Edge Sensors.
- 4. Loop Detector; Plug-In Loop Detector (LOOPDELM)
- 5. Warning module.
- 6. Battery backup.

1.2 INSTALLATION

- A. Chain-Link Fencing: ASTM F 567.
- B. Post Setting: In 3,000psi concrete 12" diameter x 36" deep

END OF SECTION 132311

architect revisions



**FIRE STATION
No. 52**

10440 QUINTANA ROAD

**SAN ANTONIO FIRE
DEPARTMENT**

project number 1601	drawn by CWH
date 05.13.16	checked by CWH

sheet number
Beaty Palmer Architects, Inc.
110 Broadway, Suite 600
San Antonio, Texas 78205
voice 210.212.8022
fax 210.212.8018
www.beatypalmer.com

A6.2

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GENERAL NOTES

A. THE A7 DRAWING SHEETS DESCRIBE THE WORK ASSOCIATED WITH ALTERNATE NO. 3 AS IDENTIFIED IN ADDENDUM NO. 3. THESE SHEETS DEPICT A MODULAR BUILDING SCOPE. MODULAR BUILDINGS AND THEIR CONSTRUCTION ARE REGULATED BY THE STATE OF TEXAS AND FALL UNDER THE TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL. THESE SHEETS DEPICT GENERAL DESIGN SCOPE FOR THE PURPOSE OF BIDDING AND NEGOTIATION AND ESTABLISH THE BASIS FOR DELEGATED DESIGN SCOPE. THEY DO NOT COVER ALL ASPECTS OF THE MODULAR BUILDING REQUIRED FOR CONSTRUCTION AND STATE CERTIFICATION(S). MODULAR BUILDING CONSTRUCTION DOCUMENTS ARE THE RESPONSIBILITY OF THE MODULAR BUILDING MANUFACTURER/INSTALLER AND THEIR REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT. REFER TO SPECIFICATION SECTION 131650 FOR ADDITIONAL MODULAR BUILDING INFORMATION ON DELEGATED DESIGN.

B. ALL ASPECTS OF THE CONSTRUCTION OF THIS MODULAR BUILDING ARE REQUIRED TO COMPLY WITH 2012 TEXAS ACCESSIBILITY STANDARDS. A PLAN REVIEW AND INSPECTION WILL BE COMPLETED BY A REGISTERED ACCESSIBILITY SPECIALIST TO CONFIRM COMPLIANCE. THE CONTRACTOR WILL HAVE 30 DAYS TO CORRECT ANY DEFICIENCIES IDENTIFIED BY INSPECTIONS. 2012 TAS ALLOWS FOR PROVISIONS OF ADAPTABLE DESIGN. AS SUCH, GRAB BARS ARE NOT REQUIRED IN PRIVATE DOOR RESTROOMS, HOWEVER BLOCKING IS REQUIRED TO ALLOW FOR FUTURE INSTALLATION.

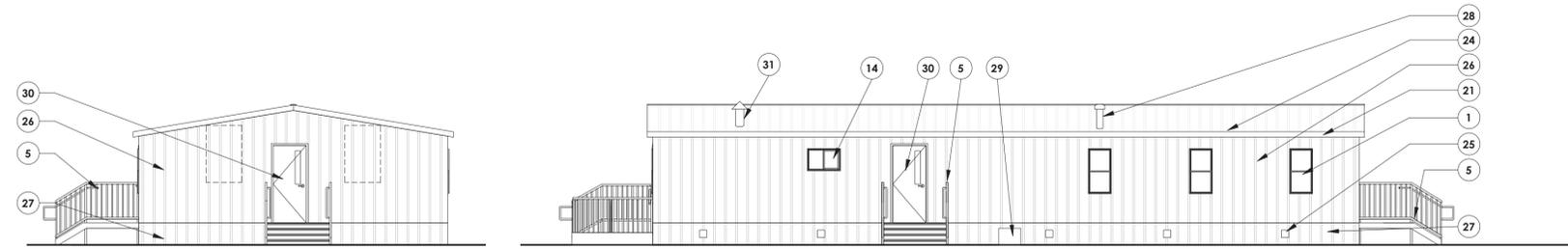
C. THE CONTRACTOR SHALL STAKE THE LOCATION AND FINISH FLOOR ELEVATION(S) OF THE MODULAR BUILDING IN THE FIELD FOR OWNER/ARCHITECT APPROVAL PRIOR TO COMMENCEMENT OF MODULAR BUILDING DELIVERY AND INSTALLATION. THE LAYOUT OF THIS MODULAR BUILDING IS SOMEWHAT DIFFERENT THAN THAT OF THE RESIDENTIAL MANUFACTURED HOME TO BE INCLUDED IN THE BASE BID. THE CONTRACTOR SHALL INCLUDE PROVISIONS FOR MODIFICATION OF UTILITY CONNECTIONS AND FLATWORK AS REQUIRED TO ACCOMMODATE THE OWNER'S DESIRED BUILDING. MINOR ADJUSTMENTS IN BUILDING LAYOUT, LOCATIONS, UTILITY CONNECTIONS, AND FLATWORK AS REQUIRED BY THE OWNER AND ARCHITECT UPON REVIEW OF THE STAKED BUILDING LOCATION MAY BE MADE AT NO ADDITIONAL COST TO THE OWNER.

D. ADDITIONAL WORK INCLUDING BUT NOT LIMITED TO USDD AND TELECOMMUNICATIONS CABLING INFRASTRUCTURE WORK WILL BE REQUIRED BY THE OWNER FOR AN OPERATIONAL FACILITY AND MAY BE COMPLETED BY OTHERS. THE CONTRACTOR IS REQUIRED TO COORDINATE AND PROVIDE SITE ACCESS AS MAY BE NECESSARY TO ACCOMMODATE THE OWNER'S SEPARATE CONTRACTORS.

E. OWNER PROVIDED FURNITURE AND EQUIPMENT IS INCLUDED FOR THE INFORMATION OF THE MODULAR BUILDING MANUFACTURER. THE MODULAR BUILDING MANUFACTURER IS REQUIRED TO REVIEW THIS INFORMATION AND PROVIDE CONNECTIONS AS REQUIRED FOR FULLY OPERATIONAL APPLIANCE INSTALLATION.

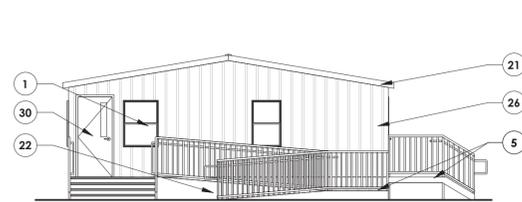
KEYNOTES

- 1 PREFINISHED SINGLE HUNG VINYL WINDOW WITH INSULATED AND TEMPERED GLAZING.
- 2 PLASTIC LAMINATE MILLWORK / REFER TO INTERIOR ELEVATIONS.
- 3 CEILING FAN WITH LIGHT KIT.
- 4 PLASTIC LAMINATE DORM ROOM SHELF AND DESK / REFER TO DETAIL 11/A7.2.
- 5 PREFABRICATED TITAN CODE COMPLIANT MODULAR STEPS BY EZ-ACCESS OR EQUAL / FIELD VERIFY GRADES FOR REQUIRED RISE.
- 6 FURNITURE BY OWNER.
- 7 FLOOR MOUNTED TANK TYPE TOILET / ADA COMPLIANT
- 8 LAVATORY
- 9 TV BY OWNER / MODULAR BUILDING MANUFACTURER TO PROVIDE BLOCKING FOR TV MOUNT.
- 10 MOP SINK
- 11 WATER HEATER AND MOUNTING PLATFORM / DRAIN PAN
- 12 SHOWER VALVE ACCESS DOOR.
- 13 WASHER AND DRYER BY OWNER.
- 14 PREFINISH SLIDING VINYL WINDOW WITH INSULATED GLASS.
- 15 PLASTIC LAMINATE COUNTER / REFER TO MILLWORK DETAILS.
- 16 3/4" PLYWOOD SHEATHING ON BACK WALL OF DATA ROOM / PAINT
- 17 2" CONDUIT STUB TO UNDERFLOOR CRAWLSPACE
- 18 REFRIGERATOR BY OWNER.
- 19 ELECTRIC RANGE / BY OWNER / PROVIDE ELECTRICAL CONNECTION FOR RANGE AND EXHAUST HOOD / MODULAR BUILDING MANUFACTURER TO PROVIDE AND INSTALL STAINLESS STEEL RESIDENTIAL GRADE EXHAUST HOOD AND PIPE TO EXTERIOR WITH ROOF JACK.
- 20 DOUBLE COMPARTMENT STAINLESS STEEL SINK / TAS COMPLIANT.
- 21 6" OVERHANG WITH FASCIA CLAD IN PREFINISHED SHEET METAL TO MATCH METAL BUILDING TRIM.
- 22 PREFABRICATION TITAN SERIES COMMERCIAL SWITCHBACK RAMP SYSTEM BY EZ-ACCESS OR EQUAL / RAMP RUNS NOT TO EXCEED 1:12 SLOPE / FIELD VERIFY GRADES FOR REQUIRED RISE AND RUN.
- 23 DRYER VENT.
- 24 PREFINISHED METAL ROOFING TO MATCH PRE-ENGINEERED METAL BUILDING ROOFING.
- 25 CRAWLSPACE VENT, MODULAR BUILDING DESIGNER TO CONFIRM QUANTITY AND SIZING.
- 26 PREFINISHED METAL WALL PANELS TO MATCH PRE-ENGINEERED METAL BUILDING.
- 27 PREFINISHED METAL SKIRTING TO MATCH METAL WALL PANELS TO ENCLOSE CRAWLSPACE.
- 28 PLUMBING VENT.
- 29 18"HIGH X 24" WIDE CRAWL SPACE ACCESS DOOR.
- 30 HOLLOW METAL DOOR WITH GLASS LITE AS INDICATED AND FRAME / PAINT.
- 31 KITCHEN EXHAUST HOOD JACK.

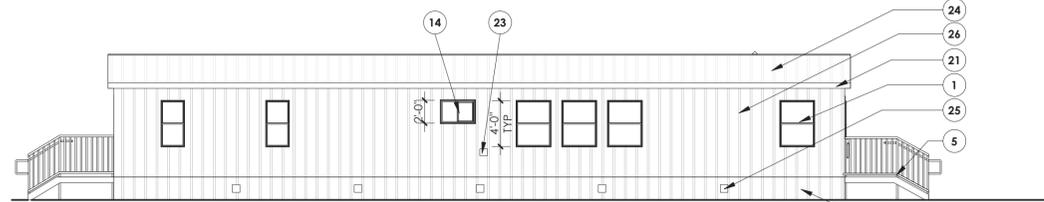


5 LEFT ELEVATION
1/8" = 1'-0"

4 BACK ELEVATION
1/8" = 1'-0"



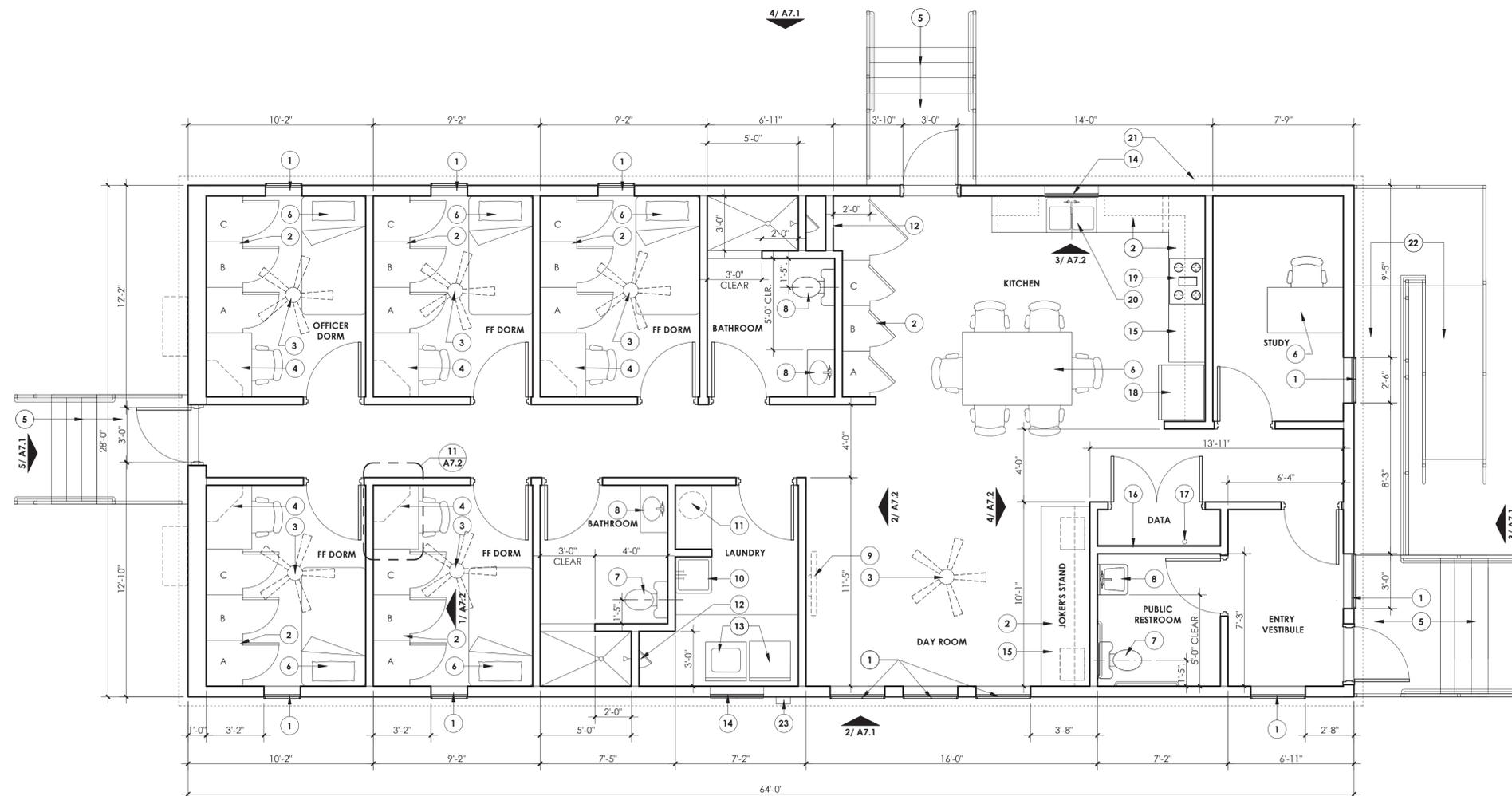
3 RIGHT ELEVATION
1/8" = 1'-0"



2 FRONT ELEVATION
1/8" = 1'-0"

TOILET ACCESSORIES SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
TA-1	TOILET TISSUE DISPENSER	MERFIN	2200	
TA-2	PAPER TOWEL DISPENSER	BOBRICK	B-2620	C-FOLD SURFACE MOUNTED
TA-3	PAPER TOWEL DISPENSER	BOBRICK	B-35930	C-FOLD RECESSED
TA-4	SOAP DISPENSER	GRANGER	6055	
TA-5	MEDICINE CABINET WITH MIRROR	KETCHAM	DELUXE SERIES 178-SM	18"X36" RECESSED WITH BEVELED EDGE
TA-6	SHOWER CURTAIN	BOBRICK	204-2	
TA-7	SHOWER CURTIAN ROD	INTERDESIGN FORMA	78470	REMOVABLE 1" BRUSHED STAINLESS STEEL TENSION SHOWER CURTAIN ROD
TA-8	GRAB BAR	BOBRICK	B-5806X24	
TA-9	GRAB BAR	BOBRICK	B-5806X36	
TA-10	CLOTHES HOOK	BOBRICK	B-2116	CONCEALED MOUNTING



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

architect revisions
3 ADD. NO. 3 05.20.16



**FIRE STATION
No. 52**

10440 QUINTANA ROAD

**SAN ANTONIO FIRE
DEPARTMENT**

project number
1601
date
05.20.16

drawn by
JA
checked by
CWH

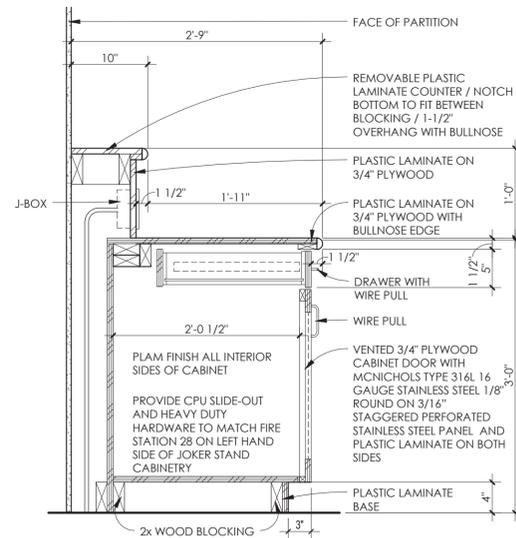
sheet number
110 Broadway, Suite 600
San Antonio, Texas 78205
voice 210.212.8022
fax 210.212.8018
www.bealypalmer.com

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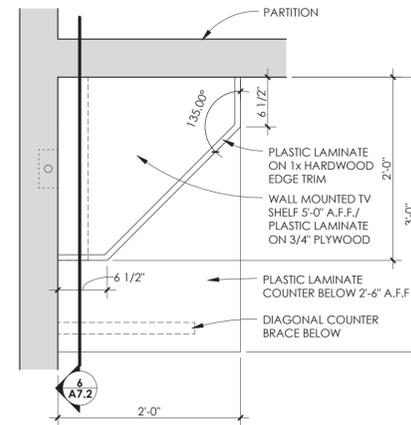
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KEYNOTES

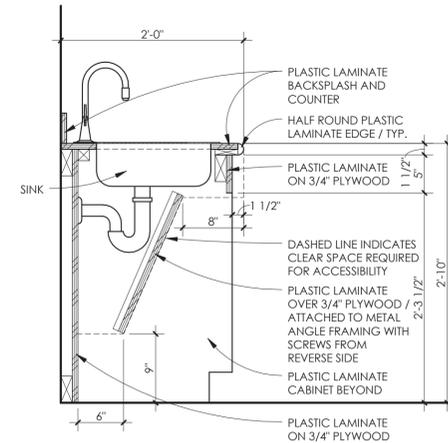
- 1 HIGH AND LOW DATA CONNECTIONS FOR FUTURE T.V. INSTALLATION
- 2 CEILING FAN
- 3 PLASTIC LAMINATE MILLWORK / REFER TO DETAILS
- 4 4" RUBBER BASE
- 5 WALL MOUNTED TV / OWNER PROVIDED / OWNER INSTALLED
- 6 PLASTIC LAMINATE WALL MOUNTED CABINET
- 7 PLASTIC LAMINATE COUNTER WITH 4" BACKSPLASH
- 8 PLASTIC LAMINATE BASE CABINET
- 9 MCNICHOLS TYPE 316L 16 GAUGE STAINLESS STEEL 1/8" ROUND ON 3/16" STAGGERED PERFORATED METAL PANELS TYPE 316L INSTALLED IN JOKER STAND CABINETS FOR EQUIPMENT VENTILATION
- 10 PLASTIC LAMINATE COUNTER
- 11 PLASTIC LAMINATE SKIRT / REFER TO DETAIL
- 12 PLASTIC LAMINATE CLOSURE PIECE TO ALIGN WITH FRONT FACE OF BASE CABINET ON RIGHT SIDE
- 13 STAINLESS STEEL RANGE HOOD



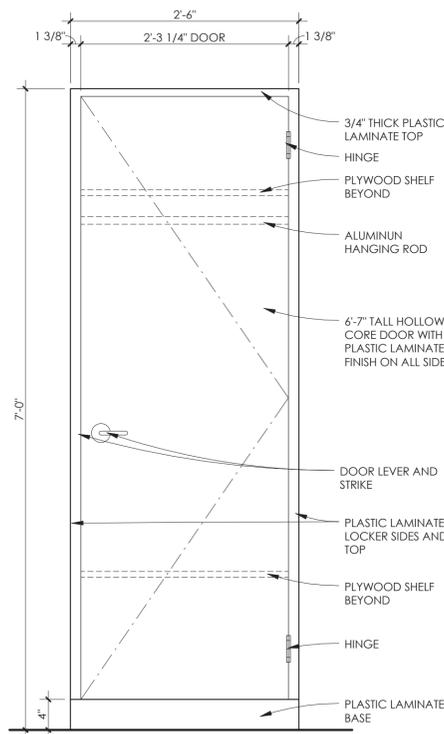
12 MILLWORK SECTION
1" = 1'-0" AT JOKERS STAND



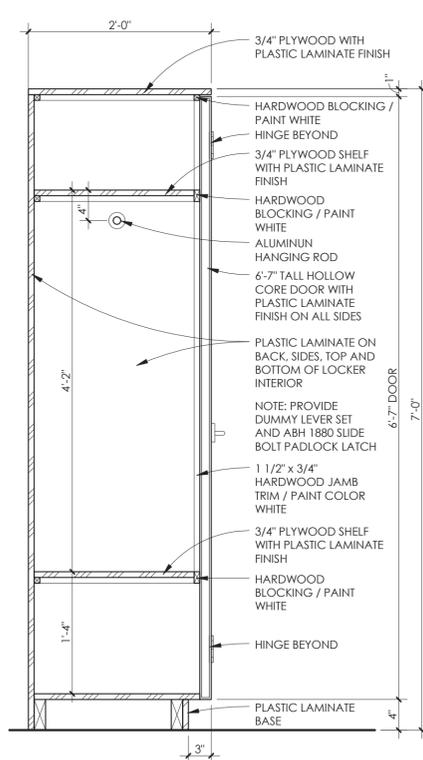
11 MILLWORK PLAN DETAIL
1" = 1'-0" AT FF DORM



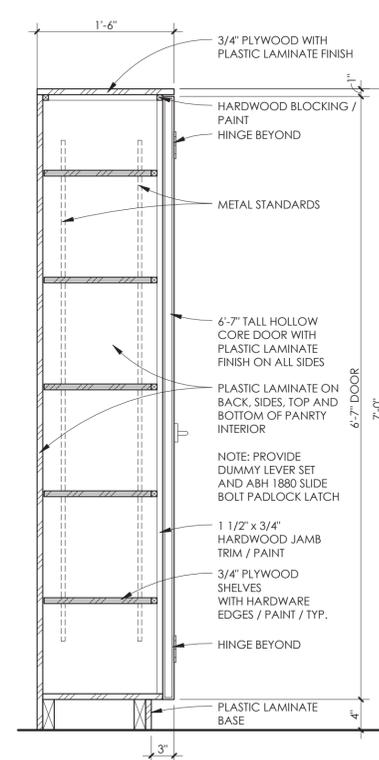
10 MILLWORK SECTION AT SINK
1" = 1'-0" ?



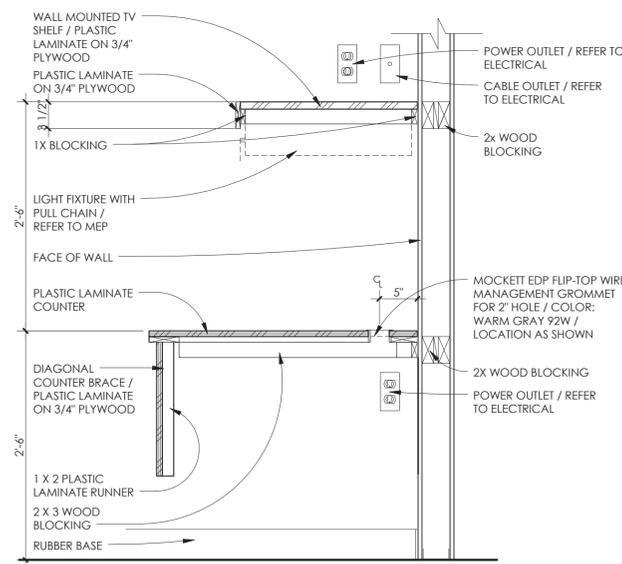
9 LOCKER ELEVATION
1" = 1'-0" CUSTOM MODULAR WARDROBE LOCKER



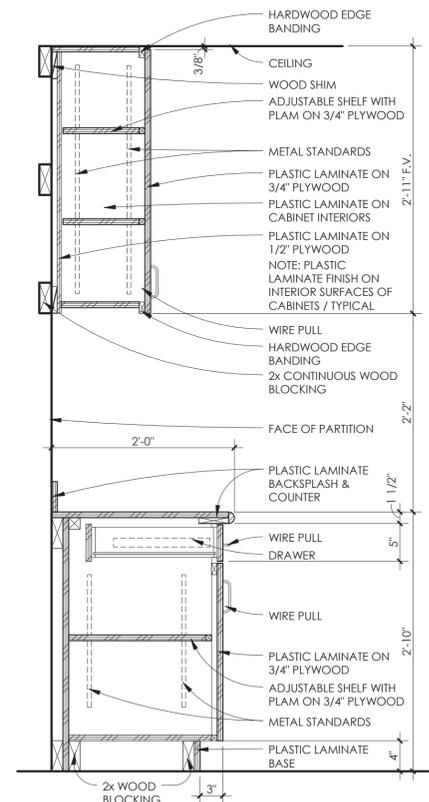
8 LOCKER SECTION
1" = 1'-0" CUSTOM MODULAR WARDROBE LOCKER



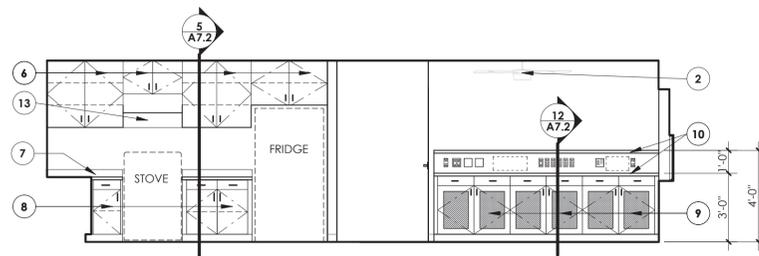
7 PANTRY SECTION
1" = 1'-0" CUSTOM MODULAR PANTRY



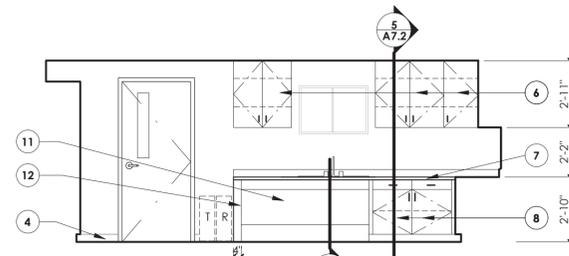
6 MILLWORK SECTION
1" = 1'-0" TYPICAL AT FF DORM



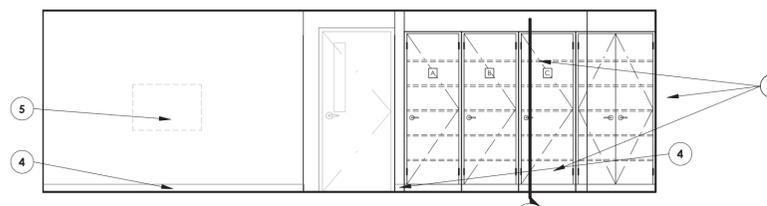
5 MILLWORK SECTION
1" = 1'-0" AT KITCHEN



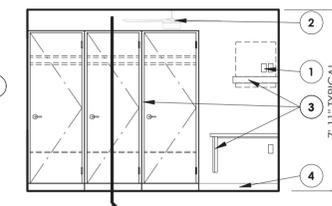
4 ELEVATION
1/4" = 1'-0" AT JOKERS STAND



3 ELEVATION
1/4" = 1'-0" AT KITCHEN



2 ELEVATION
1/4" = 1'-0" AT DAY ROOM



1 ELEVATION
1/4" = 1'-0" TYPICAL FF DORM

architect revisions
3 ADD. No. 3 05.20.16



FIRE STATION No. 52

10440 QUINTANA ROAD

SAN ANTONIO FIRE DEPARTMENT

project number 1601
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drawn by JA
checked by CWH

Beatty Palmer Architects, Inc.
110 Broadway, Suite 600
San Antonio, Texas 78205
voice 210.212.8022
fax 210.212.8018
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sheet number **A7.2**

BEATTY PALMER ARCHITECTS

SECTION 131650 MODULAR BUILDING PERFORMANCE SPECIFICATION

- 1.1 BUILDING CODE SUMMARY
 Applicable Codes: Current State of Texas building codes as required by the Texas Industrialized Building Code Council and as follows:
 1. 2015 International Building Code (2015 IBC)
 2. 2015 International Mechanical Code
 3. 2015 International Plumbing Code
 4. 2015 International Fire Code
 5. 2009 International Energy Conservation Code
 6. 2014 National Electric Code
- A. Building Size and Area: 28'wide x 64' long = 1,792sf.
 B. Construction Type: Type V-B
 C. Occupancy: "B" Occupancy per current 2015 IFC and local City of San Antonio code amendment 2015-01-29-0067
 D. Maximum Occupant Load: 1,792 sf / 100gsf O.L.F. (table 1004.1.2) = 17 persons
 E. Owner Declared Occupant Load: 5 full-time fire fighters / 10 at shift change.
 F. Fire Sprinkler Required: No
 G. Fire Alarm: Automatic Smoke Detection System in accordance with NFPA 72 and 2015 IBC Section - 907.2.10.2 and Sections 907.2.11.2 through 907.2.11.4.
- 1.2 DELEGATED DESIGN / SCOPE OF WORK
 A. General Notes: Refer to Addendum No. 1 Schedule of Alternates for bid requirements regarding this scope of work.
 B. For Alternate No. 3 the General Contractor shall engage the services of a Modular Building Manufacturer to deliver a Texas State Certified Modular Building.
 1. The Modular Building Manufacturer shall prepare complete Construction Documents for Architectural, Structural, Mechanical, Plumbing, Fire Alarm, and Electrical Systems based on the information provided in the drawings and specifications.
 2. Modifications and minor variations required to the proposed plan layout shall be brought to the attention of the Owner and Architect. Architect will review and determine whether proposed variations are acceptable.
 3. The Modular Building Manufacturer will assist the Architect with achieving building permit approval through the City of San Antonio Development Services Department and shall assist the Architect in responding to questions or comments by City plan reviewers related to the Modular Building Manufacturer's scope of work.
 4. The Modular Building Manufacturer shall submit Construction Documents to the Texas Department of Licensing and Regulation, Industrialized Building Code Council for required state certification.
 5. The Modular Building Manufacturer shall submit the complete Modular Building Construction Documents to the Architect upon certification by the Texas Industrialized Building Code Council.
 6. The General Contractor will prepare the building pad and complete associated utility installations and hookups
 7. The Modular Building Manufacturer shall deliver, assemble, and install the modular building in its entirety to include associated footings/foundations.
 8. Modular building components shall be shop fabricated in accordance with the Industrialized Building Code Council Certified Plans. Building and foundations shall be erected on site and installed in accordance with the stated certified and approved plans.
 9. Modular building design, layout, structure, and overall configuration shall facilitate future building relocation as may be required by the Owner for future facilities. Hitches to be removed and stored in crawl space under the unit. Tires and axles can be retained by the building manufacturer.
- 1.3 MODULAR BUILDING CONSTRUCTION
 A. Structural Design Criteria - Refer to Structural Drawing Sheet S1.1.
 B. Exterior Wall Assembly: SPF#2 - 2x4(minimum); Unfaced R-15 Thermal Batts, 7/16" OSB Sheathing; Self-Adhered Air Barrier; and 24ga metal wall panels to match pre-engineered metal building with exposed gasketed fasteners.
 C. Floor Assembly: Structural steel sized to meet design criteria. 2x10 SYP wood joists at 16" o.c., R-30 Unfaced Batt Insulation, Air Barrier, ¾" decking, flooring as indicated under finishes section.
 D. Door Hardware: All door hardware shall comply with 2012 TAS requirements. All doors shall be operable from the egress side without the use of a key or special knowledge or effort. Manually operated flush bolts or surface bolts shall not be used on exterior egress doors. Provide privacy sets for restrooms/bathrooms and dorm rooms. For plastic laminate lockers and pantries provide dummy lever set and ABH 1880 Slide Bolt Padlock Latch (Padlocks provided by Owner).
 E. Exterior Doors: 3'-0"x6'-8" steel door with knock down 18ga steel frame / paint.
 F. Interior Doors: 3'-0"x6'-8" pre-finished solid core wood door with knock down 18ga steel frame.
 G. Provide and install foundation enclosure (skirting) to match exterior wall panel system to include insect resistance crawl space vents. Ventilate crawl space with minimum free area of 1sf per 150 sf of crawl space. Install one crawl space access panel with minimum 18"x24" opening.
 H. Provide full 2x wood blocking for as required for adaptable design to comply with 2012 TAS requirements for grab bars. Refer to toilet accessories schedule for equipment required.
 I. Windows: Operable Single Hung Vinyl Windows with tinted insulated glazing with Low-e coating. Refer to elevations for approximate unit sizes. No screens required. 2015 IECC compliant.
 1. Minimum Performance:
 a. U-Factor: 0.65
 b. Solar Heat Gain Coefficient: .25
 2. Accessories: 1" mini-blinds.
 J. Roofing: Metal roof profile to match pre-engineered metal building with self adhered high-temperature underlayment (Grace Ultra or equal). Exposed gasketed fasteners installed per manufacturer's recommendation.
 K. Attic Insulation: R-30 unfaced.

- L. Toilet Accessories: Refer to schedule.
 M. Interior Finishes: Colors to be reviewed and confirmed by San Antonio Fire Department prior to installation.
 1. Ceilings: 8' high 2x4 suspended acoustical tile ceiling and lighting.
 2. Flooring: Low-gloss sheet vinyl. Wood look product. Armstrong Landmark I - Maple Plank #G6A38 or equal.
 3. Base: 4" Rubber base in standard color as selected by Architect.
 4. Dry Area Walls: 5/8" Vinyl Covered Gypsum Board - color as selected from manufacturer's standard selections.
 5. Wet Area Walls (Bathrooms, Restrooms, and Laundry): Class "C" FRP (Full-height). Color as selected by Owner from manufacturer's standard line.

1.4 ELECTRICAL / TELECOMMUNICATIONS

- A. General:
 1. Electrical Systems to comply with 2014 NEC requirements.
 B. Interior Electrical:
 1. 20amp electrical service. (Modular Building Manufacturer to confirm sizing to accommodate equipment requirements.)
 2. 2'x4' lighting, 2015 IECC Compliant. Provide emergency battery backup lighting at exits.
 3. Provide minimum 1 outlet per wall, Maximum 12' spacing. In areas with counters provide outlets 24" o.c. typical. At joker stand provide 2 undercounter outlets.
 4. Provide ceiling fans with light kits at Dayroom, Study, and all Dorm Rooms.
 5. Exit Lights: LED w/ battery backup.
 C. Exterior Electrical:
 1. Provide lighting above exterior personnel doors / typical.
 2. Provide 2 weathertight convenience outlets.
 D. Telecommunications
 1. Provide j-boxes and conduit drops for data connections at entry vestibule, joker stand, dayroom, and all dorm rooms. Confirm locations and exact quantities with SAFD. Cabling infrastructure will be performed by the Owner's separate cabling/telecommunications contractor.
 E. Finishes
 1. Devices and cover plates to be white.

1.5 PLUMBING

- A. Domestic Water Supply Piping: CPVC
 B. Waste Piping : Schedule 40 PVC
 C. Plumbing Fixtures:
 1. Restroom / Bathroom Lavatories - ADA Compliant, Wall mounted vitreous china with lever handle faucets.
 2. Toilets - ADA Compliant Floor Mounted, tank type, vitreous china.
 3. Kitchen Sink - ADA Compliant, 2 compartment stainless steel sink
 4. Laundry Room Sink - Fiberglass floor mounted mop sink.
 5. Showers - ADA Compliant Fiberglass unit Shower size as indicated in drawings to include mixing valve, shower head, floor drain and trap primer. Exclude seat.
 6. Refrigerator water connection for ice maker/water dispenser with housing box.
 D. Water heater: high efficiency 80 gallon minimum capacity with accessories and connections as required by code.

1.6 HVAC

- A. Standard Units: Provide and install 2 wall mounted packaged air-conditioning units mounted on back elevation, sized per building use, occupancy, and construction. Provide 7 day programmable t-stats with occupant override.
 B. Air Distribution: Ducted supply and return air system with adjustable diffusers with filters at unit.
 C. Bathroom Exhaust Fans: 80CFM Exhaust Fan/Light Combo with maximum 1.5 sone rating.
 D. Kitchen exhaust hood: 400CFM 30" residential unit with stainless steel finish with insulated exhaust piping and watertight roof jack. No ansul system required per local City of San Antonio code amendments.

END OF SECTION 131650

architect revisions
 3 ADD. No. 3 05.20.16



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10440 QUINTANA ROAD

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Beatty Palmer Architects, Inc.
 110 Broadway, Suite 600
 San Antonio, Texas 78205
 voice 210.212.8022
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BEATTY PALMER ARCHITECTS



Note: Addenda Acknowledgement Form for Addendum 3 is attached herein. This form must be signed and submitted with the bid package.

RECEIPT OF ADDENDUM NUMBER(S) 3 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF FIRE STATION # 52 – 20-00045

FOR WHICH BIDS WILL BE OPENED ON TUESDAY, MAY 31, 2016 AT 2:00 P.M.

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title