

INVITATION FOR BID
August 5, 2026

INVITATION FOR BID NUMBER	IFB 26-046
PROJECT #	M5712-2847
NAME OF BID	Louver Replacement for the Water Booster Stations
BIDS WILL BE RECEIVED AT	MAWSS Purchasing Dept. Bid Box East Visitor Entrance 4725 Moffett Road Mobile, AL 36618 If sending bids by UPS/Fed Ex, deliver to the Warehouse: 1610 Shelton Beach Rd. Ext., Mobile, AL 36618 with IFB# marked on envelope
MANDATORY PREBID MEETING	9:00 am on August 19, 2026 at the Springhill Pumping Station – 360 N McGregor Ave, Mobile, AL 36606
BID OPENING DATE	August 26, 2026
BID CLOSING TIME	10:30 am Central Time
AWARD WILL BE MADE BY	Total Cost
MATERIAL DELIVERED TO	Various locations
ADDITIONAL INFORMATION CONTACT	Billy Wilkerson (251) 604-5840 wwilkerson@mcwinc.com
APPLICABLE SDP POLICY	17-01

Sealed bids must be in the Purchasing Department no later than the time specified in order to be considered. Submissions received after the deadline will not be considered. Envelopes must bear the name of the supplier, company address and the words “**IFB 26-046 Water Booster Stations Louver Replacement**” or “**IFB 26-046 NO QUOTE.**” Facsimile or email bids will not be accepted.

All bids must be submitted on the attached forms, or your bid will be disqualified. Bidder shall furnish all the information required by the solicitation. The bidder’s name must be typed or printed on the bid sheet and signed by the bidder or appropriate authorized executive officer of the bidder’s company. Bidders must initial any changes or erasures. Bidders should retain a copy of bids for their records.

Bidders shall acknowledge receipt of all addenda to this solicitation by signing and returning each addendum or by identifying the addendum number and the date on the bid form. Failure to acknowledge receipt of any addendum by a bidder will result in rejection of the bid if MAWSS determines that the addendum contains information that materially changes the requirements.

All bids shall be quoted FOB Destination, freight prepaid with no additional charges. Unless otherwise specified in the bid, all prices will be on a firm-fixed price basis and are not subject to adjustments based on costs incurred. MAWSS reserves the right to reject any or all bids submitted, to waive any informality in any bid or in the bid process, or to terminate the bid process at any time, if deemed by MAWSS to be in MAWSS’s best interest.

A Purchase Order and this “Invitation for Bid” with “Specifications,” “Conditions,” “Bid Form,” signed by the successful bidder’s authorized representative, and all attached drawings and other documents furnished by MAWSS to the bidders with the Invitation for Bid in order to illustrate the contract requirements, will constitute a contract for the goods and/or services to be purchased.


Joyce Sawyer, Buyer II
Board of Water and Sewer Commissioners

IFB 26-046 Water Booster Stations Louver Replacement CONDITIONS

The Board of Water and Sewer Commissioners of the City of Mobile will accept bids for the **Louver Replacements** in our Purchasing Department Bid Box located at the East Visitor Entrance at 4725 Moffett Road, Mobile, AL. 36618 **no later than 10:30 a.m.** local time on **August 26, 2026**. Bids will be opened immediately after bid closing time in the Operations Center Board room located at the East Visitor Entrance. Award will be by **Total Cost**. The bidder offers and agrees, if this bid is accepted, to furnish the items as defined in the specifications for the unit price set opposite each item. Pricing shall be FOB Mobile, Alabama. All items shall be delivered to **various locations** or to the job site as needed. The bidder shall state the expected length of delivery time on the Bid Form.

A mandatory Pre-Bid meeting will be held between representatives of Contractor and representatives of MAWSS prior to the bid opening. The Pre-Bid meeting is scheduled for **9:00 am on August 19, 2026**, at the **Springhill Pumping Station** located at **360 N. McGregor Ave, Mobile, AL 36606**.

Bidder understands that his/her bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving bids.

MAWSS reserves the right to reject any or all bids submitted, to waive any informality in any bid or in the bid process, or to terminate the bid process at any time, if deemed by MAWSS to be in MAWSS's best interest.

A bidder may not modify its bid after bid opening. Errors in the extension of unit prices stated in a bid or in multiplication, division, addition or subtraction in a bid may be corrected by the MAWSS Purchasing Buyer prior to award. In such cases, unit prices shall not be changed.

It is the responsibility of the bidder to determine prior to the bid opening whether any amendment, additions, deletions or changes of any type have been made to this Invitation for Bid, Conditions, Specifications, Bid Form or any other bid documents. Bid documents and any amendments made to this bid will be posted on our website at www.mawss.com.

A copy of the SDP (Supplier Diversity Program) policy that applies to this Invitation For Bid can be furnished upon request. It is the responsibility of the bidder to read and make efforts to meet the goals of this policy. Please contact the Supplier Diversity Department at supplier.diversity@mawss.com for any questions regarding this policy. **Bidders MUST acknowledge receipt of this policy by submitting the SDP Policy Acknowledgement and the Subcontracting Plan/Good Faith Effort form with the bid proposal, regardless if using a Diverse Contractor/Supplier or not.** Contractors are required to use Contractors/Suppliers only in the areas for which the Contractors/Suppliers are certified.

Invoicing Requirements: MAWSS requires additional information for all work performed and services provided. On the vendor's invoice for payment should be a detailed listing of work performed, services provided, dates completed, locations involved, and any other pertinent information needed to verify the work and/or services were completed in accordance to the bid specs. This additional information can be supplied in the form of detailed invoices, work orders, checklists or any other documents used to track the work performed or services provided but details must be included on the actual invoice. A copy of the invoice and these additional details must be sent to the "ADDITIONAL INFORMATION CONTACT" found on Page 1 of the bid documents and a copy emailed to Accounts Payable at AcctsPayable@mawss.com.

END OF CONDITIONS

**BOARD OF WATER AND SEWER COMMISSIONERS
OF THE CITY OF MOBILE, ALABAMA**

Proposal, Contract Documents and Specifications

**WATER BOOSTER STATIONS
LOUVER REPLACEMENT**

McCrory and Williams Project No. M5712-2847

IFB 26-046

**McCRORY & WILLIAMS, INC.
3207 INTERNATIONAL DRIVE
SUITE G
MOBILE, ALABAMA 36606**

AUGUST 2026

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A: PAINT SPECIFICATIONS (OR APPROVED EQUAL)

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PROPOSAL

TO: BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE, ALABAMA

Submitted: _____
(Date)

The undersigned, as Bidder, hereby declares that he has examined the site of the Work and informed himself fully in regard to all conditions pertaining to the place where the Work is to be done; that he has examined the Plans and Specifications for the Work and all Contract Documents relative thereto, and has read the Board's Standard Specifications and all General Conditions and Special Provisions furnished; and that he has satisfied himself relative to the Work to be performed.

The Bidder proposes and agrees, if this Proposal is accepted, to contract with the Board of Water and Sewer Commissioners of the City of Mobile, Alabama, in the form of contract specified to furnish all materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the following Work:

Water Booster Stations Louver Replacement **PROJECT NO. M5712-2847 / IFB 26-046**

in full and complete accordance with the shown, noted, described and reasonably intended requirements of the Plans, Specifications and all other Contract Documents to the full and entire satisfaction of the Board of Water and Sewer Commissioners of the City of Mobile, Alabama with a definite understanding that no money will be allowed for extra work except as set forth in the attached General Conditions and other Contract Documents for the lump sum or unit prices listed opposite each item.

It is agreed that the description under each item, being briefly stated, implies, although it does not mention, all incidentals and that the prices stated are intended to cover all such work, materials and incidentals as constitute Bidder's obligations as described in the Specifications and any details not specifically mentioned, but evidently included in the Contract shall be compensated for the item in which it most logically is included.

The quantities for bid items listed on the Proposal sheet are estimated quantities only for the purpose of comparing bids. Any differences between these estimated quantities and actual quantities required for this Contract shall not be taken as a basis for claims by the Contractor for extra compensation. Compensation will be based on the lump sum or unit prices and actual construction quantities.

<u>ITEM #</u>	<u>DESCRIPTION</u>	<u>UNIT OF MEASURE</u>	<u>QTY</u>	<u>UNIT PRICE DOLLARS/CENTS</u>	<u>TOTAL DOLLARS/CENTS</u>
HILLCREST RD (SOUTH)					
RE-1	REPLACE 24" X 36" LOUVER	EA	3		
GRELOT RD (HILLCREST NORTH)					
RE-2	REPLACE 24" X 36" LOUVER	EA	4		
COTTAGE HILL RD					
RE-3	REPLACE 88" X 24" LOUVER	EA	3		
RE-3A	REPLACE 84" X 24" LOUVER	EA	3		
OLD SHELL RD					
RE-4	REPLACE 24" X 36" LOUVER	EA	2		
SPRINGHILL AVE					
RE-5	REPLACE 24" X 26" LOUVER	EA	6		
SPRINGHILL AVE (ADDITION)					
RE-6	REPLACE 72" X 72" LOUVER	EA	1		
RE-6A	REPLACE 36" X 32" LOUVER	EA	1		
RE-6B	PAINT EXISTING METAL PANELS	LS	1		
MISSISSIPPI ST					
RE-7	REPLACE 59" X 89" LOUVER	EA	1		
RE-7A	REPLACE 24" X 36" LOUVER	EA	4		

<u>ITEM #</u>	<u>DESCRIPTION</u>	<u>UNIT OF MEASURE</u>	<u>QTY</u>	<u>UNIT PRICE DOLLARS/CENTS</u>	<u>TOTAL DOLLARS/CENTS</u>
CO-1	OWNER'S CONTINGENCY ALLOCATION	LS	1	\$5,000	\$5,000
BASE BID TOTAL:					

Notes:

1. The Quantities listed in this proposal are for determining the low bidder and in no way represent the quantities to be performed in this contract. If the Owner considers the unit price bid too costly, the Owner may use other resources to perform that item.
2. The contract amount performed shall not exceed MAWSS budget for this work, which may be significantly less than contract amount awarded.
3. Proposals in which the unit or lump sum prices bid are obviously unbalanced may be rejected in accordance with MAWSS standard specifications.

Company Name _____ Payment Terms _____

Address _____ City, State, Zip _____

Submitted By _____ Title _____
Please Print

Phone _____ Email Address _____
Please Print

The signer declares under penalty of perjury that she/he is authorized to sign this document and bind the company or organization to all terms and conditions of this agreement.

Signature _____ Date _____

The Bidder further proposes and agrees hereby to commence the Work with an adequate force, plant and equipment at the time stated in the notice to the Contractor from the Engineers to proceed, and fully complete performance within **one hundred twenty (120)** consecutive calendar days from and after the date stated in said notice.

The undersigned further agrees that, in case of failure on his part to execute the said Contract and the bond within 10 consecutive calendar days after written notice being given of the award of the Contract, the check or bid bond in the amount of 5 percent of this bid, not to exceed \$10,000, accompanying this bid, and the monies payable thereon, shall be paid into the funds of the Board of Water and Sewer Commissioners of the City of Mobile, Alabama as liquidated damages for such failure; otherwise the check or bid bond accompanying this Proposal shall be returned to the undersigned:

Attached hereto is a certified check on the _____

_____ Bank of _____

or a Bid Bond for the sum of _____

_____ Dollars (\$ _____)

made payable to the Board of Water and Sewer Commissioners of the City of Mobile, Alabama.

By _____
(Legal Signature)

(Printed Name and Title)

Witness: _____
(Legal Signature)

Witness: _____
(Legal Signature)

CONTRACTOR'S LICENSE NO:

BIDDER acknowledges receipt of the following ADDENDA, if applicable

SDP POLICY ACKNOWLEDGEMENT*

A copy of the SDP (Supplier Diversity Program) policy that applies to this Invitation For Bid has been included in this package. It is the responsibility of the bidder to read and make efforts to meet the goals of this policy. Please contact the Supplier Diversity Department at supplier.diversity@mawss.com for any questions regarding this policy. **Bidders MUST acknowledge receipt of this policy and submit the documentation with the bid proposal.**

Bidders shall take all necessary and reasonable steps in accordance with this Policy to ensure that Diverse Contractors/Suppliers have the maximum allowable opportunity to compete for subcontracts and contracts for services, supplies, or other goods. Bidders shall not discriminate in awarding subcontracts and supplier contracts on the basis of race, color, national origin, ethnicity, or sex, during the bid process as well as during performance of a MAWSS contract.

The following documentation must be included in the bid proposal.

- SDP Policy Acknowledgement **and**
- Subcontracting Plan

Please refer to the attached policy for more information regarding these requirements as well as all other requirements, if participating in the SDP Program.

The signer declares under penalty of perjury that she/he is authorized to sign this document and bind the company or organization to all requirements of this policy.

Company Name_____

Submitted By_____ Title _____
Please Print

Signature_____ Date _____

***Required to sign and return with bid**

SUBCONTRACTING PLAN/GOOD FAITH EFFORT*

In order for your proposal to be considered, you must complete all blanks in this Subcontracting Plan and sign with a handwritten signature where indicated below and include this form in your proposal.

Failure to fill in the blanks on this Subcontracting Plan and/or to include a handwritten signature may cause for rejection of your bid.

It is MAWSS's goal that in all contracts, contractors shall make a demonstrated good faith effort to award 15% of the contract amount to certified Diverse Contractors/Suppliers as subcontractors and/or suppliers performing commercially useful functions which are consistent with contract requirements.

Copies of MAWSS SDP Policy 16-01 (for public works projects), SDP/Supplier Diversity Policy 17-01 (for contracts for other goods and services), and links to organizations that have information on SDPs/Diverse Suppliers can be found by visiting our website at <https://www.mawss.com/bids/supplier-diversity-program/>.

STATE WHAT PERCENTAGE OF THE WORK FOR THIS CONTRACT YOU PLAN TO AWARD TO SDP/DIVERSE SUPPLIER SUBCONTRACTORS AND/OR VENDORS	TOTAL %
ESTIMATED TOTAL DOLLAR AMOUNT TO BE AWARDED TO SDP/DIVERSE SUPPLIER	TOTAL \$
AMOUNT BID FOR THIS CONTRACT	TOTAL \$

Please list below all subcontractors and suppliers which you plan to use for this contract. Also indicate which of these are SDPs / Diverse Suppliers by writing "Yes" or "No" where indicated. Also list for each the percentage of the total contract amount to be performed by each and the certification group the SDP / Diverse Supplier is certified with. Attach additional sheets if needed.

SUBCONTRACTOR/VENDOR NAME	SDP/DIVERSE SUPPLIER (Yes or No)	% OF CONTRACT	CERTIFICATION GROUP (ALDOT, ADECA, SRMSDC, BCIA)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

CAUTION: ACCURATELY COMPLETE ALL PARTS OF THIS FORM AND SIGN BELOW.

GOOD FAITH EFFORT ACKNOWLEDGEMENT/AFFIDAVIT

I/WE EXERCISED GOOD FAITH TO COMPLY WITH THIS PLAN AND MAWSS' SDP REQUIREMENTS.

BIDDER/COMPANY

BY (Signature)

***Required to sign and return with bid**

SECTION 1

INSURANCE REQUIREMENTS

SECTION 1
INSURANCE REQUIREMENTS

1.0 **GENERAL:**

The Contractor must provide insurance coverage and proof thereof for the duration of this Contract.

- A. **CONTRACTOR COVERAGE'S:** The Contractor shall not commence work under this Contract until he has obtained all insurance required under the following paragraphs and until such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on his subcontract until all similar insurance required of the subcontractor has been obtained and approved. If the subcontractor does not take out insurance in his own name, the principal contractor shall provide such insurance protection for the subcontractor and subcontractor's employee.
- B. **INSURANCE:** The following insurance coverage's (with limits not less than specified herein) shall be maintained by the Contractor for the duration of the Contract, affording coverage for any claim arising out of the Contractor's operations herein, whether by the Contractor or any subcontractor or by any Employee or Agent of either.
- i. Claims of employees under Worker's Compensation and other similar employee benefit acts, including claims because of bodily injury, occupational sickness or disease, or death.
 - ii. Claims arising out of bodily injury, sickness, disease or death of any person other than employees.
 - iii. Claims for damages arising out of libel, slander, false arrest, detention or imprisonment, malicious prosecution, defamation or violation of right of privacy, wrongful entry or eviction or other right of private occupancy, including claims as a result of an offense related to the employment of a claimant by Contractor. (So-called "Personal Injury")
 - iv. Claims arising out of damage to, or destruction of, tangible property, including loss of use.

When and if the use of explosives for blasting purposes appears necessary or desirable, such methods shall not be undertaken without written authorization of the Owner, and then only provided that acceptable extensions of liability coverage have been obtained specifically to include the explosion ("X") hazard and the collapse ("C") hazard.

The policy of general liability shall include the special underground property damage coverage (providing the so-called "U" hazard) on a blanket basis.

LIMITS OF LIABILITY:

Worker's Compensation	Statutory
Employer's Liability	\$500,000 Each Accident \$500,000 By Disease Each Employee \$500,000 By Disease - Policy Limit
Commercial Automobile	\$1,000,000 Each Accident Bodily Injury and Property Damage Combined
General Liability	\$1,000,000 Each Occurrence \$1,000,000 Personal & Advertising Injury \$2,000,000 General Aggregate \$2,000,000 Products & Completed Operations Aggregate

- C. **OWNER'S PROTECTIVE LIABILITY:** The Contractor shall furnish from a carrier acceptable to the Owner a policy of liability insurance, commonly called "Owner's Protective Liability," in the name of the Owner, providing "Independent Contractor's Coverage" for the operations embraced by this Contract with limits of \$1,000,000 combined bodily injury and property damage. Policy premium is to be paid by the named Contractor.
- D. **UMBRELLA LIABILITY:** In addition to the basic limits previously set out for Commercial General Liability, Products and Completed Operations, Automobile Liability and Worker's Compensation and Employer's Liability, Contractors Shall Provide Umbrella Liability limits of \$5,000,000.00 per occurrence and aggregate.

E. **PROPERTY INSURANCE:**

- i. The Contractor shall assume complete responsibility for safe-guarding all portions of the Work in progress, whether completed or not, until such work has been accepted by the Owner, and shall maintain such insurance to protect himself against perils which may cause such property to be damaged or destroyed. This coverage shall be similar to the former All Risks of Physical Loss Form, including if available, Collapse. Title to such work in progress, whether completed or not, shall remain vested in the Contractor until finally accepted by the Owner.
- ii. **Coverage Form:** Coverage shall be provided on an actual completed value Builder's Risk Form or, if more appropriate, an installation floater in the joint name of the Contractor and Owner for the duration of the Contract.

The Owner (MAWSS) has the option of providing Builder's Risk coverage for any projects undertaken by a Contractor. If the Owner exercises this option, the Contract Proposal will appropriately indicate this and provide for separately showing the costs of the Builder's Risk coverage in the Bid.

- F. **CERTIFICATION:** The Contractor shall furnish policies verifying that the above coverages are in effect before commencing any work, and that each policy is endorsed to give the Owner 30 days' notice in writing in the event of cancellation or material change therein. Certificates of Insurance shall state that the Owner be named as additional insureds on the Contractor's Automobile Liability and Comprehensive General Liability policies. In respect to Worker's Compensation, Waiver of Subrogation shall be issued in favor of the Owner.

SECTION 2

SPECIAL PROVISIONS

SECTION 2
SPECIAL PROVISIONS

2.1 SAFETY AND HEALTH REQUIREMENTS:

NOTICE TO CONTRACTS, VENDORS, SUPPLIERS AND DELIVERY COMPANIES PERFORMING WORK FOR THE BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE:

1. Any party performing work or making deliveries on Mobile Area Water and Sewer System (MAWSS) property, public property, or private property for the MAWSS shall report details of any accident causing injury to employees other than MAWSS personnel within 24 hours to the designated MAWSS employee having responsibility for that work site or work activity.

Upon notification to appropriate MAWSS site personnel, the Contractor will notify the MAWSS Safety Department in written format as found on the "MAWSS Contractor Accident Report" so that records may be maintained for informational purposes.

The Board of Water and Sewer Commissioners will not accept liability for accidents or injury to personnel, damage to equipment or theft of property involving contractors, vendors, suppliers or delivery companies.

2. To conduct business with the Board of Water and Sewer Commissioners, contractors, vendors, suppliers or delivery companies must certify in writing that they have in force a drug and alcohol policy at least equal to that established for the Mobile Area Water and Sewer System's zero tolerance drug policy.

The Contractor shall comply with the Department of Labor Safety and Health Regulations for construction promulgated under the Occupational Safety and Health Act of 1970 (P.L. 91-54) and any amendments or additions thereto, where excavation and trenching are required the contractor shall comply with the requirements of OSHA Excavation and Trenching Safety Regulations (29 CFR Part 1926 – Excavation, Final Rule), and any amendments or additions thereto.

The Contractor shall be familiar and comply with the Board's Safety Rules Handbook in so far as it augments the specific regulation referred to in this Section.

The Contractor alone shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. The Contractor shall take all necessary protection to prevent damage, injury or loss to:

3. All employees on the Work and other persons and organizations who may be affected thereby.
4. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the site; and
5. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal relocation or replacement in the course of construction.

6. The Contractor shall comply with all applicable Laws and Regulations of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. The Contractor shall notify owners of adjacent property and of Underground Facilities and utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation and replacement of their property. All damage, injury or loss to any property referred to above in Paragraphs 2 and 3 caused, directly or indirectly, in whole or in part, by Contractor any Subcontractor, Supplier or any other person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, shall be remedied by the Contractor. The Contractor's duties and responsibilities for the safety and protection of the Work shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor that the Work is acceptable.
7. The Contractor shall designate a responsible representative at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the Owner. The Contractor shall procure the referenced safety and health regulations, shall keep them on file at the job site, and shall require all supervisory personnel to become familiar with them.

2.2 VENDOR APPLICATION:

The Contractor is required to have a vendor application on file with the Mobile Area Water & Sewer System prior to receiving a contract. The Contractor may submit the application with their bids, but has to be on file or submitted before award of the project. Vendor applications can be obtained by contacting the Purchasing Department of the Mobile Area Water & Sewer System.

2.3 BASIS OF AWARD:

The OWNER shall award the Contract to the lowest responsible and responsive BIDDER based on the Total Base Bid price.

The OWNER reserves the right to reject any and all bids at their sole discretion.

2.4 RECEIPT OF BIDS:

Hand delivery of bids shall be made at MAWSS, 4725 Moffett Road, Mobile Alabama 36618.

SECTION 3

GENERAL REQUIREMENTS

SECTION 3 GENERAL REQUIREMENTS

3.1 GENERAL:

The Contractor shall provide all labor, equipment, materials, permits, and incidentals necessary to install in Proposal for the time period of **one hundred twenty (120) days** after the Notice to Proceed is issued.

Location maps, and site plans, details and technical specifications are provided in the Appendix.

The anticipated work shall include replacement of louvers at various water booster stations.

3.2 PAY ITEM DESCRIPTIONS:

RE-1 to RE- 7A Replacement of Louver: The unit price bid for this pay item shall be compensation in full for providing all labor, equipment, materials, and incidentals necessary to remove and replace one (1) each (EA) louver (of various sizes), complete in place and in accordance with the plans and these specifications. **Note: The interior face of the louver opening shall be constructed of similar interior concrete block and painted to match the existing wall finish. All exterior masonry work at the booster station shall match the existing brick in color, texture, and size.**

RE-6B Paint Existing Metal Panel: The Lump Sum (LS) bid for this pay item shall be compensation in full for providing all labor, equipment, and incidentals necessary to paint existing metal panels, complete in place and in accordance with the plans and these specifications. **Note: All metal panels shall be finished with paint matching the existing color and finish.**

CO-1 Owner's Contingency Allocation: The Owner Contingency Allowance shall be a cash allowance for the Owner's use. In the event there are additions and/or changes to the work in the contract, the Owner will have the ability to use funds out of the Contingency Allowance to pay the Contractor for these items of work. Items included under the Contingency Allowance shall be first approved by the Owner and the Engineer prior to commencing the work. Any work completed without approval from the Owner/Engineer is at risk of non-payment.

APPENDIX

APPENDIX A

PAINT SPECIFICATIONS (OR APPROVED EQUAL)



102.02

A-100[®] Exterior Latex Flat

A06W00107 White
A06W00151 Extra White
A06W00153 Deep Base
A06T00254 Ultradeep Base

As of 11/07/2017, Complies with			
OTC	Yes	LEED [®] 09 NC CI	N/A
OTC Phase II	Yes	LEED [®] 09 CS	N/A
SCAQMD	Yes	LEED [®] v4 Emissions	N/A
CARB	Yes	LEED [®] v4 VOC	Yes
CARB SCM2007	Yes		
Canada	Yes	MPI	Yes

CHARACTERISTICS

A-100 Exterior Latex is a quality exterior finish. This product is recommended for use on aluminum, vinyl, and wood siding, clapboard, shakes, shingles, plywood, masonry, and metal down to a surface and air temperature of 35°F.

Color: Most colors
To optimize hide and color development, always use the recommended P-Shade primer

Coverage: 350 - 400 sq ft/gal
@ 4 mils wet; 1.3 mils dry

Drying Time, @ 50% RH:
@ 35-45°F @ 45°F +

Touch: 2 hours 2 hours
Recoat: 24-48 hours 4 hours

Drying and recoat times are temperature, humidity, and film thickness dependent

Finish: 0-5 units @ 85°

Tinting with CCE:

Base	oz/gal	Strength
Extra White	0-6	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor

Extra White **A06W00151**
(may vary by base)

VOC (less exempt solvents):

<50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s 12

Volume Solids: 34 ± 2%

Weight Solids: 49 ± 2%

Weight per Gallon: 10.97 lb

Flash Point: N/A

Vehicle Type: 100% Acrylic

WVP Perms (US) 33 1
grains/(hr ft² in Hg)

Mildew Resistant

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

SPECIFICATIONS

Standard latex primers cannot be used below 50°F. See specific primer label for that product's application conditions.

Aluminum & Aluminum Siding¹

2 cts. A-100 Exterior Latex
Concrete Block, CMU, Split face Block

1 ct. Loxon Block Surfer

2 cts. A-100 Exterior Latex

Brick

1 ct. Loxon Conditioner²

2 cts. A-100 Exterior Latex

Cement Composition Siding/Panels

1 ct. Loxon Concrete & Masonry Primer²
or Loxon Conditioner²

2 cts. A-100 Exterior Latex

Galvanized Steel¹

2 cts. A-100 Exterior Latex

Stucco, Cement, Concrete

1 ct. Loxon Concrete & Masonry Primer²

2 cts. A-100 Exterior Latex

Plywood

1 ct. Exterior Latex Wood Primer

2 cts. A-100 Exterior Latex

Vinyl Siding*

2 cts. A-100 Exterior Latex

Wood

1 ct. Exterior Oil-Based Wood Primer

2 cts. A-100 Exterior Latex

¹ On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.

² Not for use at temperatures under 50°F. See specific primer label for that product's application conditions.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Aluminum and Galvanized Steel

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading method.

Caulking

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface. Allow proper drying time before application of the finish.

Cement Composition Siding/Panels

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 9, prime with Loxon Concrete & Masonry Primer.



Protective & Marine Coatings

DURA-PLATE® 2300 (FORMERLY COROBOND 300) WATERBASED EPOXY CEMENTITIOUS RESURFACER

KIT	B58A320	DURA-PLATE 2300 KIT
PART A	2300A	CONCRETE GRAY
PART B	2300B	HARDENER
PART C	2300C	MORTAR

Revised: March. 03, 2016

PRODUCT INFORMATION

TRM.68

PRODUCT DESCRIPTION

DURA-PLATE 2300 is a three component, epoxy modified cementitious resurfacer containing Portland Cement, hydrophobic thixotropes, fiber reinforcement, graded silica sand and other abrasion resistant aggregates. It is used for re-surfacing, patching and filling voids (bugholes) in concrete and masonry structures. Dura-Plate 2300 provides a hard durable surface with excellent adhesion that minimizes out-gassing problems typically associated with coating concrete.

PRODUCT DESCRIPTION

Finish: Flat
Color: Concrete Gray
Density: 110 lb/cubic ft.
Volume Solids: 100%, mixed
VOC: 19 g/L; 0.15 lb/gal, mixed
Mix Ratio: 3.1 gallon, pre-measured kit

Recommended Spreading Rate:

Coverage for 3.1 gallon kit: Approximately 77 ft² (7.2 m²) at 1/16" thickness; 38.5 ft² (3.6 m²) at 1/8" thickness; 19.25 ft² (1.8 m²) at 1/4" thickness; 10 ft² (1.7 m²) at 1/2" thickness

Drying Schedule:

@ 77°F/25°C
50% RH

To touch: 3-4 hours

Topcoat/Overcoat:

minimum: 8 hours

maximum: Unlimited

Full cure: 12 days

Drying time is temperature, humidity, and film thickness dependent.

Pot Life: 70 minutes

Sweat-in-Time: None required

Shelf Life: 12 months, unopened
Store indoors at 40°F (4.5°C)
to 100°F (38°C).

Flash Point: >200°F (93°C), mixed

Reducer: Not recommended

Clean Up: Soap and warm water

RECOMMENDED USES

Concrete Structures

- Water
- Wastewater
- Secondary containment
- Power
- Food and Beverage
- Sewer Collection Systems

PERFORMANCE CHARACTERISTICS

Substrate*: Concrete

Surface Preparation*: SSPC-SP13/NACE 6, ICRI Concrete Surface Profile (CSP) 5

System Tested*:

1 ct. Corobond 300 @ 3/16" dft

*28-day cure unless otherwise noted below

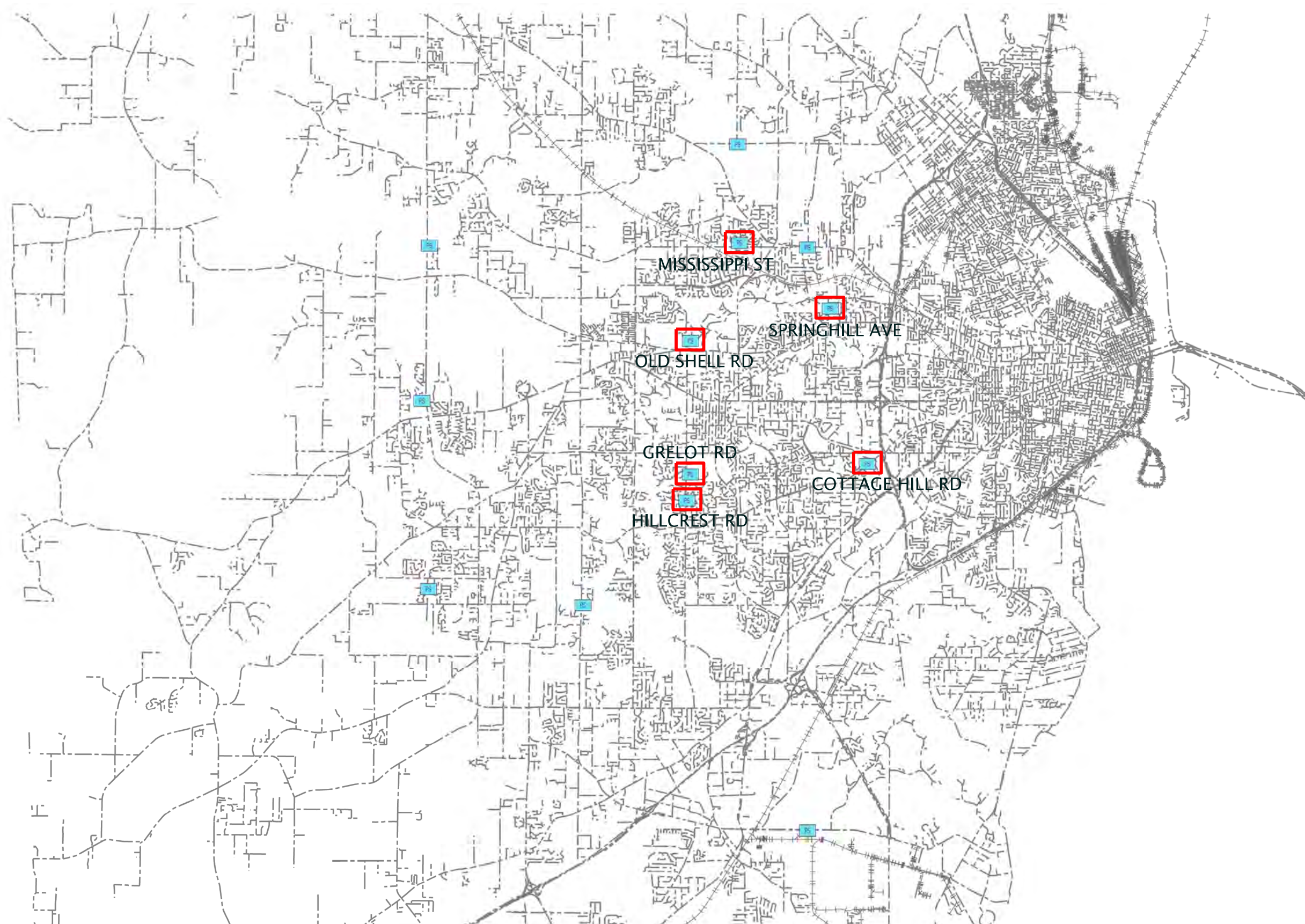
Test Name	Test Method	Results
Adhesion to Concrete	ASTM D7234	403 psi* / >438 psi**
Coefficient of Thermal Expansion	ASTM C531	6.9 x 10 ⁻⁶ in/in/F**
Flexural Strength	ASTM C293	795 psi* / > 1,270 psi**
Linear Shrinkage	ASTM C596 ASTM C531	-0.014%** -0.366%**
Modulus of Elasticity	ASTM C469	>1,680,000 psi* >1,860,000 psi **
Shear Bond	ASTM C882	2,094*/ 2,804 psi**
Shrinkage	ASTM C157	<0.18%**
Splitting Tensile Strength	ASTM C496	480 psi* / 600 psi**
Tensile Strength	ASTM C307	>600 psi*

* 24 hour cure

** 28-day cure

APPENDIX B

VICINTY MAP



140001

REVISION

McCrory

Engineers

Williams

Surveyors

INCORPORATED

3207 INTERNATIONAL DR., SUITE G

MOBILE, ALABAMA

36606

PHONE: (251) 476-4720

FAX: (251) 476-4721

EMAIL: mail@mcwinc.com

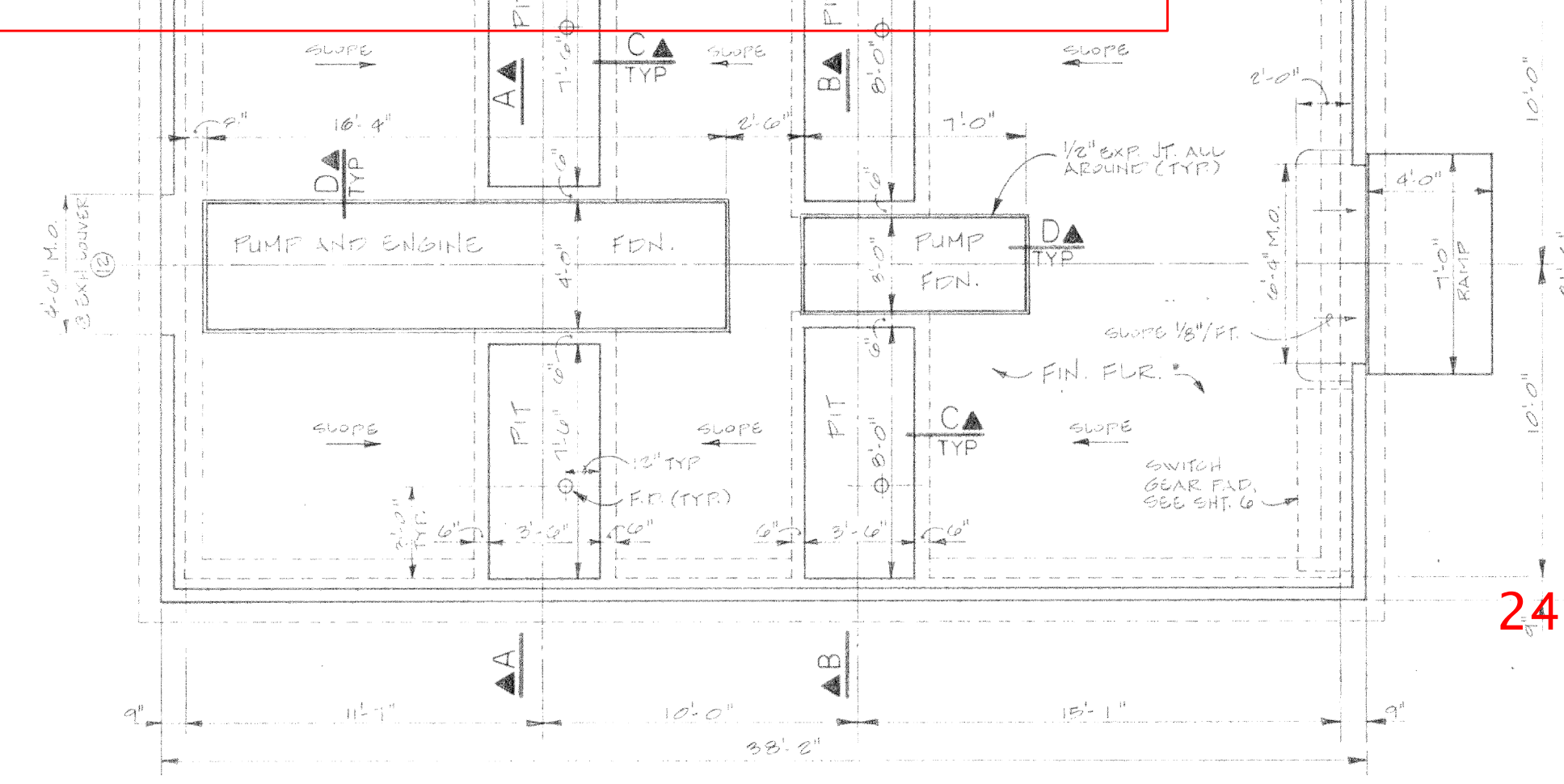
WATER BOOSTER STATION LOUVER MODIFICATIONS				
SITE LOCATIONS				
BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE				
SCALE: NOT TO SCALE	DATE: 2026	DRAWN BY: AKE	APPROVED BY: WEW	SHEET 1 OF 8

APPENDIX C

SITE PLANS

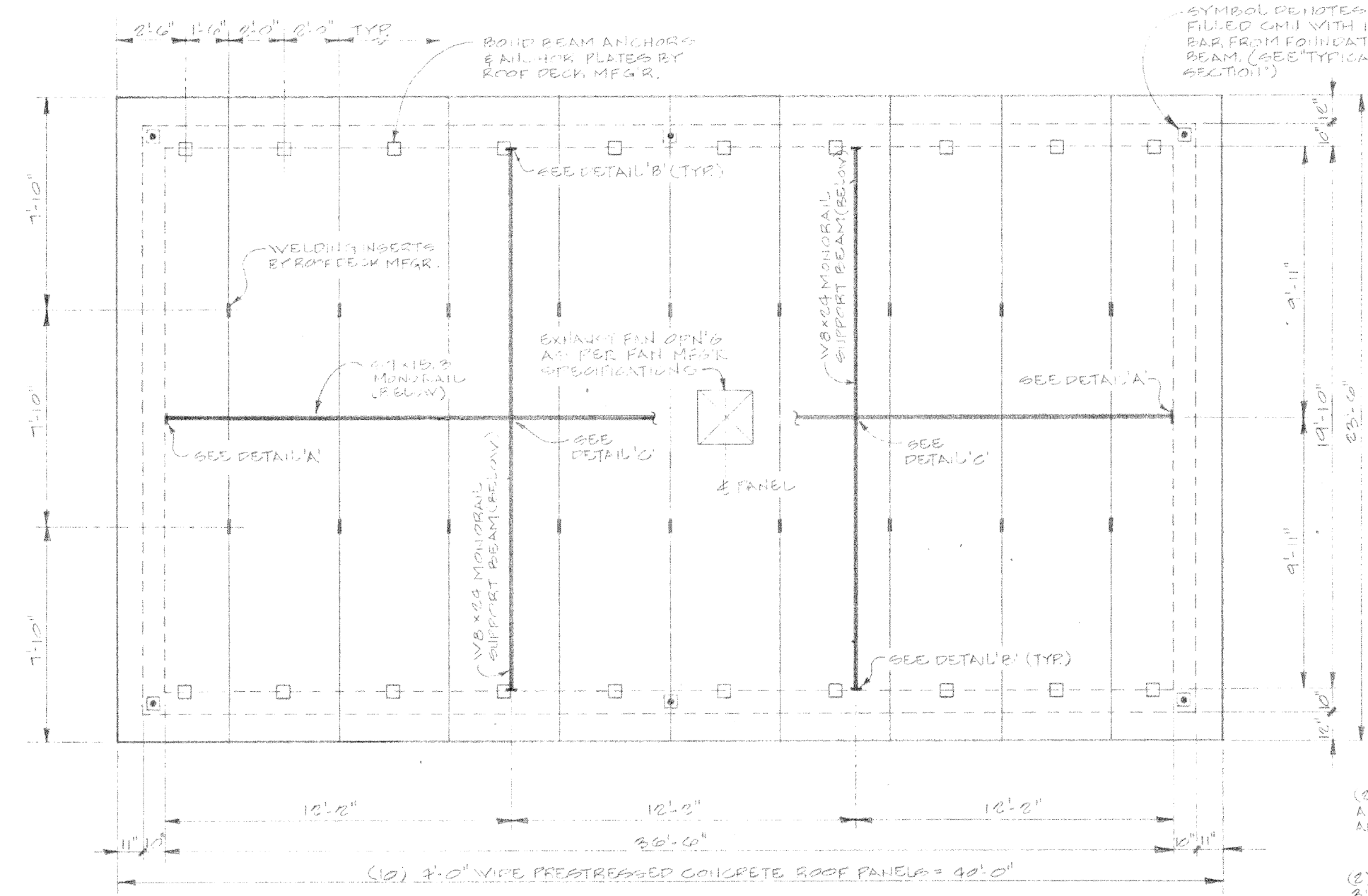
AP 7031

LOUVER OPENINGS SHALL BE SEALED WITH
4"x 8"x 16" C.M.U. ON THE INTERIOR AND
OLD MOBILE BRICK ON THE EXTERIOR



FOUNDATION PLAN
SCALE: 1/8"=1'-0"

- GENERAL NOTES:
- DOOR SHALL BE 2'-0" x 7'-0" w/ ALUM. FRAMES w/ MIN. 1/4" DR. 1/2" STEEL DRAFT 1/4" x 5/8" OR APP. EQUAL. DOOR - FULL FLUSH, 2'-0" ALUM. W/ UNMATED HONEY COMB SDB, HINGE & LOCK UNF. SIGHT SIDE ACTIVE. 3 PAUL, 5/16" STD WEIGHT TEMPLATE, FULL MOTION HINGES, WORKSET - OVERHUNG 1/4" x 2" x 1/2" OR 3/4" FINISH ON ACTIVE LEAF. HINGE LOCK SHALL HAVE SHOWN FULLY, STYL. DOOR STICKS w/ HARP & FOOT BUT, NO (FIBER) LIP. SDB FINISH, PROVIDE OVERHANG HINGES, LOCK & HINGES OR EQUAL TO HIDE DOOR IN OPEN POSITION & PROVIDES SILENT OPERATION. LOCK SHALL BE KEYS TO SUIT OWNER'S REQUIREMENTS.
 - ALL INT. WALL & RAMP BEAM SURFACES SHALL BE PAINTED ANTIQUE WHITE w/ 2 PRIME COATS OF WATERBASE DECK BDO UNDERCOAT & 1 FINISH COAT OF KOPPERTS RAMPBOND UNF. ENAMEL OR EQ. SMO. FINISH SHALL RECEIVE 1 FULL COAT OF RAMP SEALER PRIOR TO PAINTING.
 - ALL FACE BRICK SHALL BE SIMULATED "OLD BRICK". SAMPLE BRICK SHALL BE SUBMITTED FOR APPROVAL.



ROOF PLAN
SCALE: 1/4"=1'-0"

NOTE:
(1) 10'-0" WIDE PRESTRESSED CONCRETE ROOF PANELS MAY BE USED IN LIFT OFFED 4'-0" WIDE UNITS SHOWN ABOVE. AT THE CONTRACTOR'S OPTION, RAMP BEAM ANCHOR PLATE BRACING SHALL BE REQUIRED AS SHOWN.

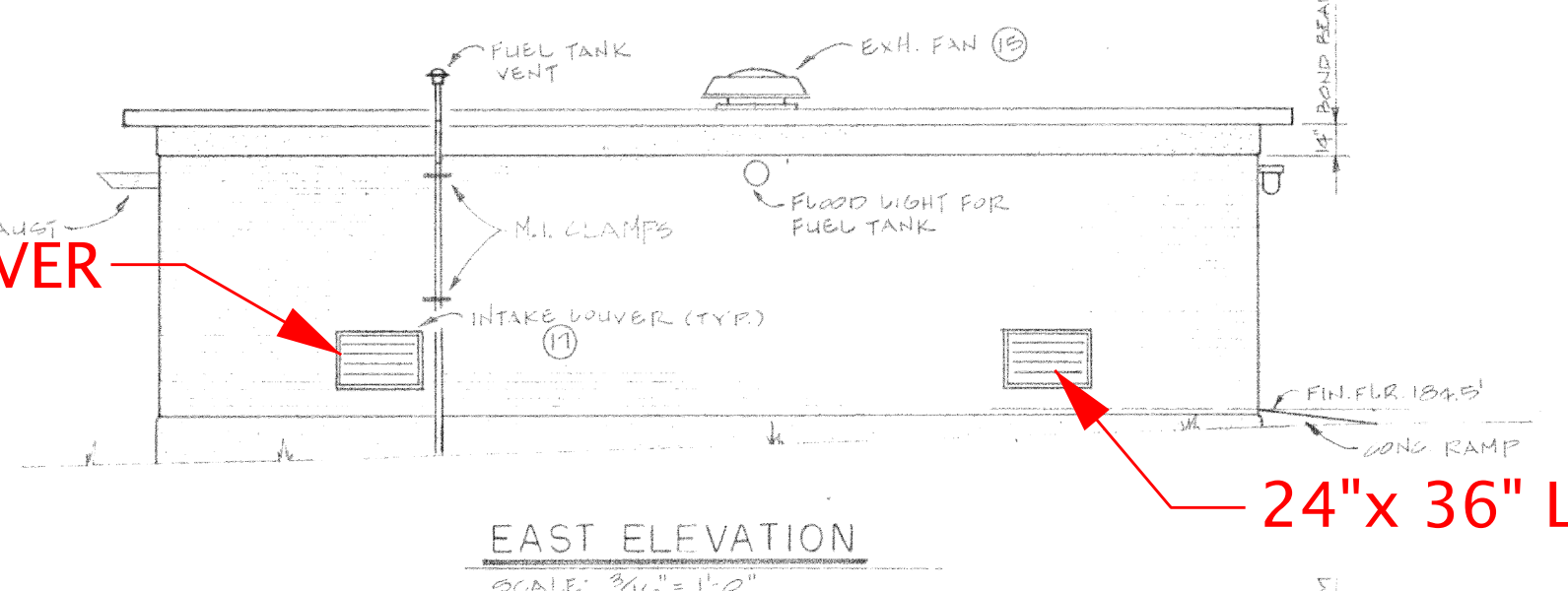
24"x 36" LOUVER

24"x 36" LOUVER

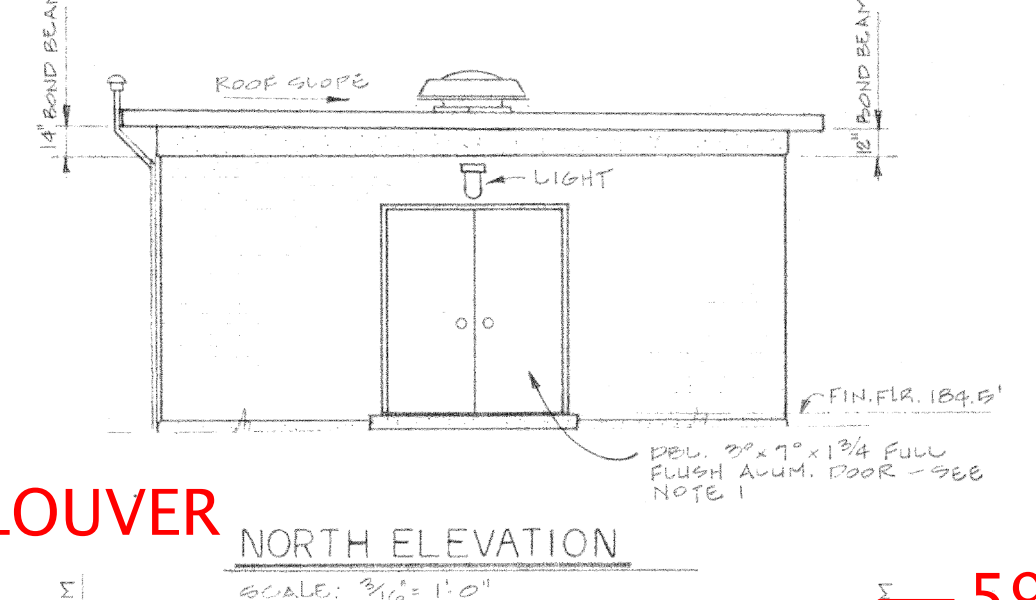
24"x 36" LOUVER

24"x 36" LOUVER

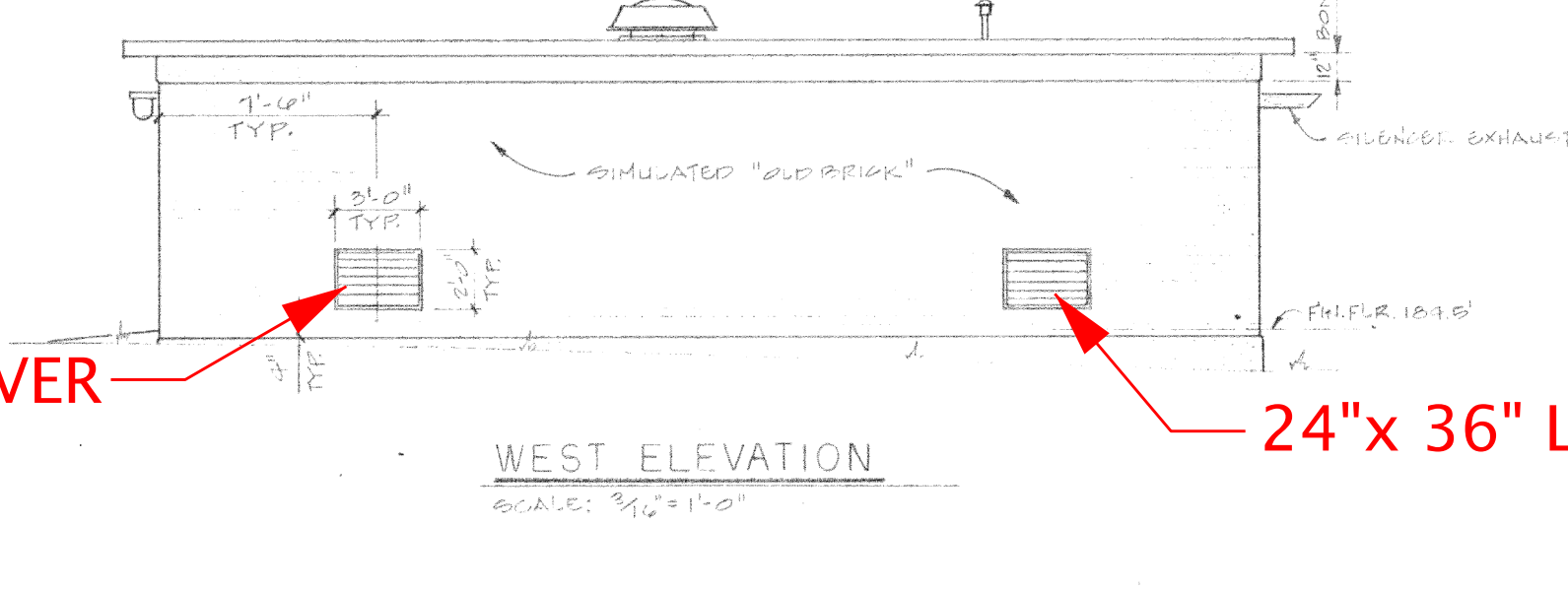
59"x 89" EXHAUST LOUVER



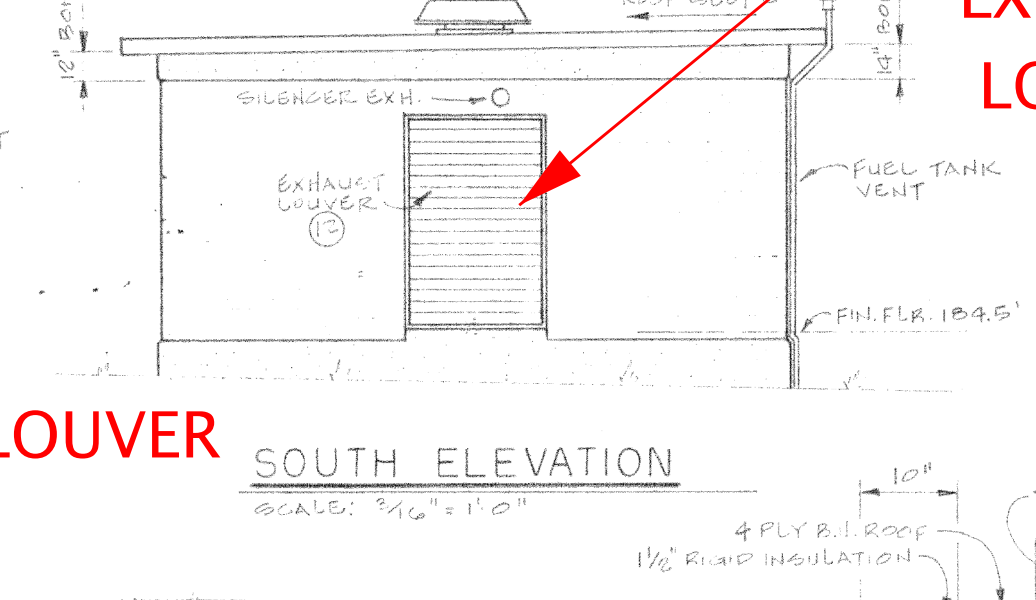
EAST ELEVATION
SCALE: 3/16"=1'-0"



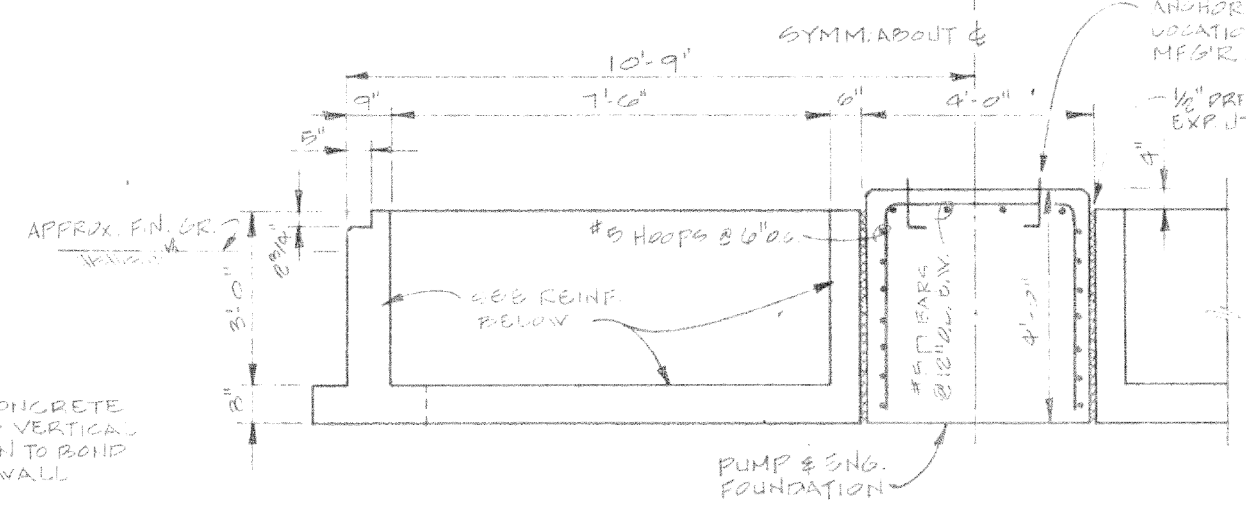
NORTH ELEVATION
SCALE: 3/16"=1'-0"



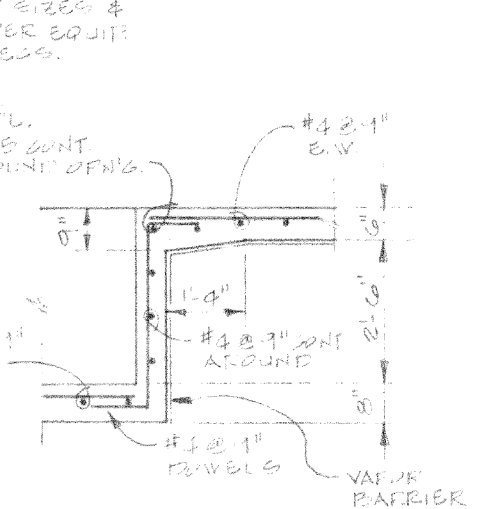
WEST ELEVATION
SCALE: 3/16"=1'-0"



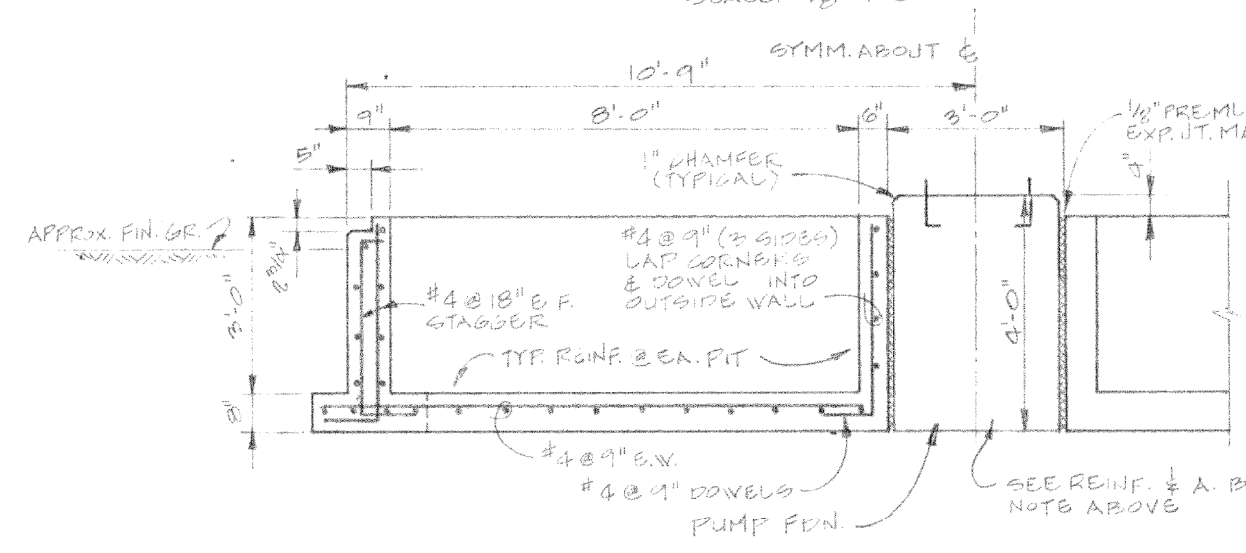
SOUTH ELEVATION
SCALE: 3/16"=1'-0"



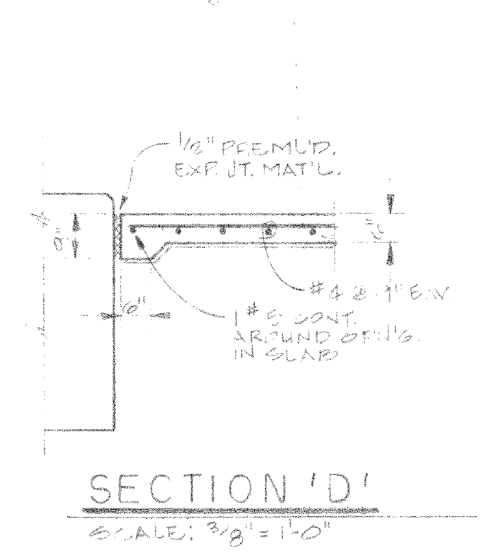
SECTION 'A-A'
SCALE: 3/8"=1'-0"



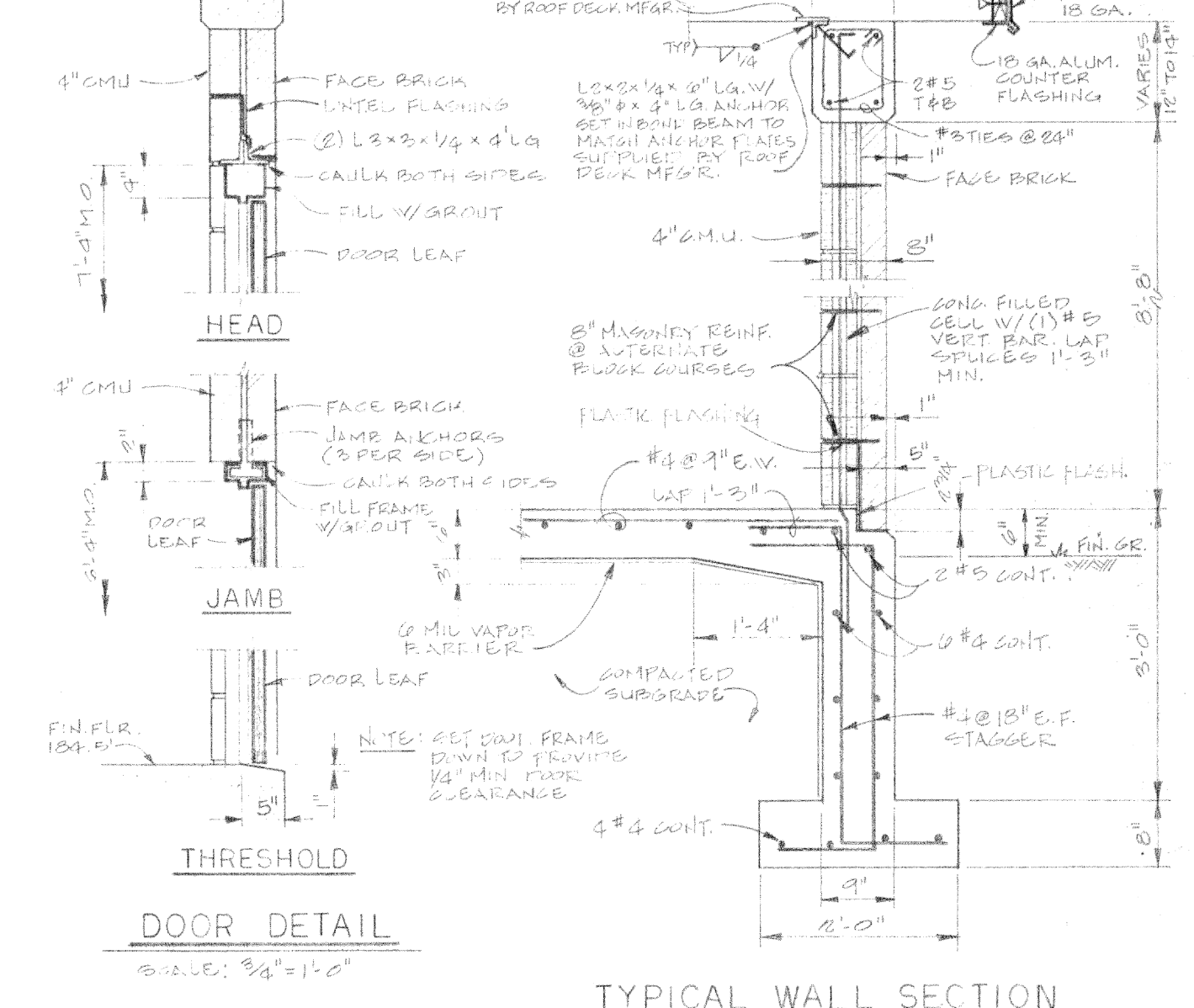
SECTION 'C-C'
SCALE: 3/8"=1'-0"



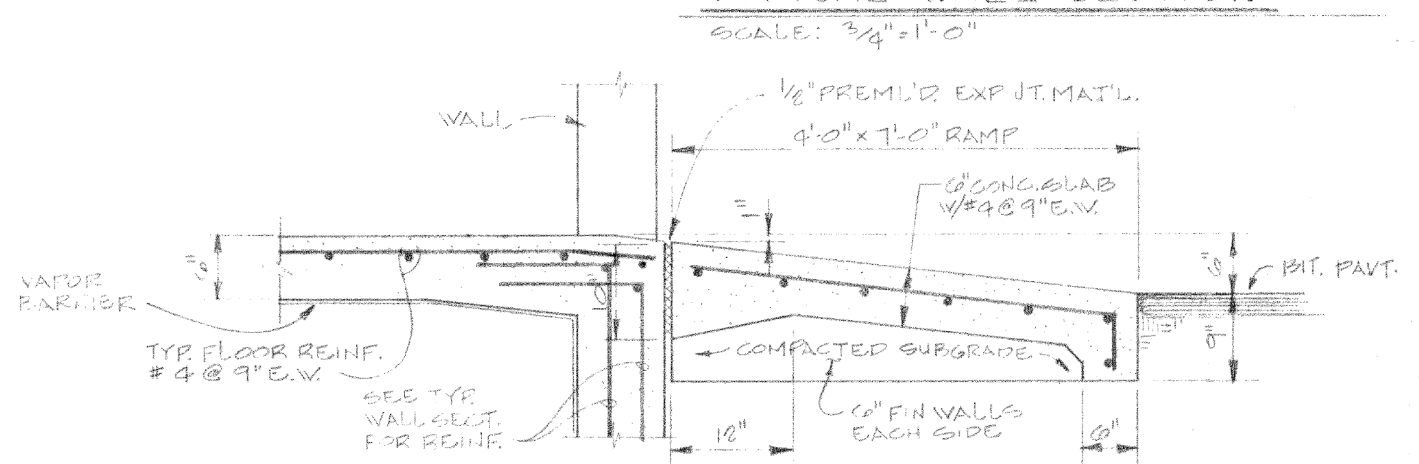
SECTION 'B-B'
SCALE: 3/8"=1'-0"



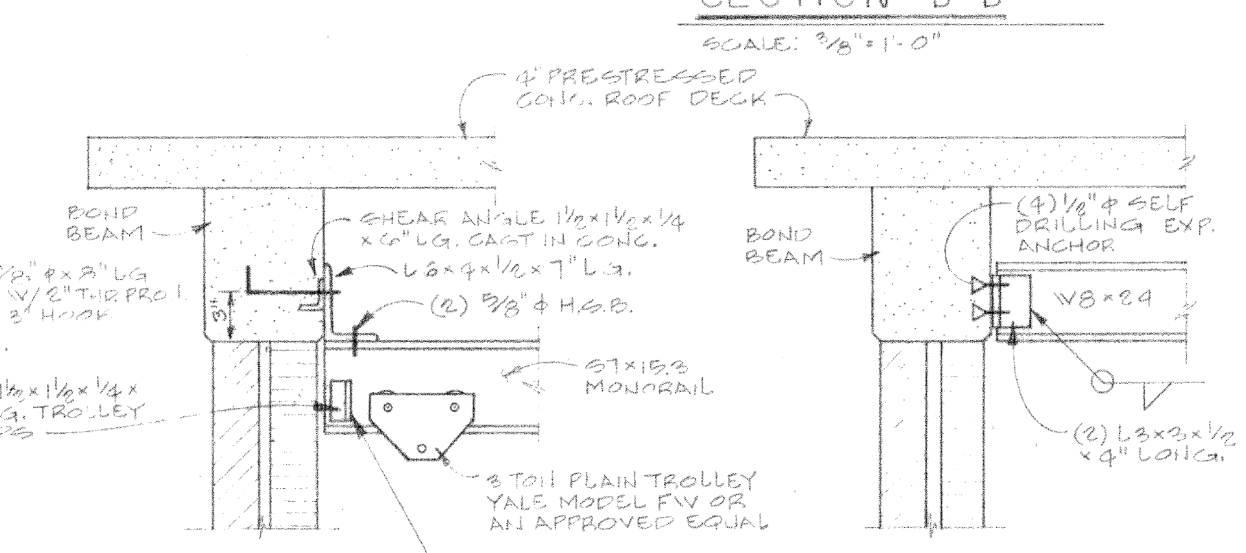
SECTION 'D-D'
SCALE: 3/8"=1'-0"



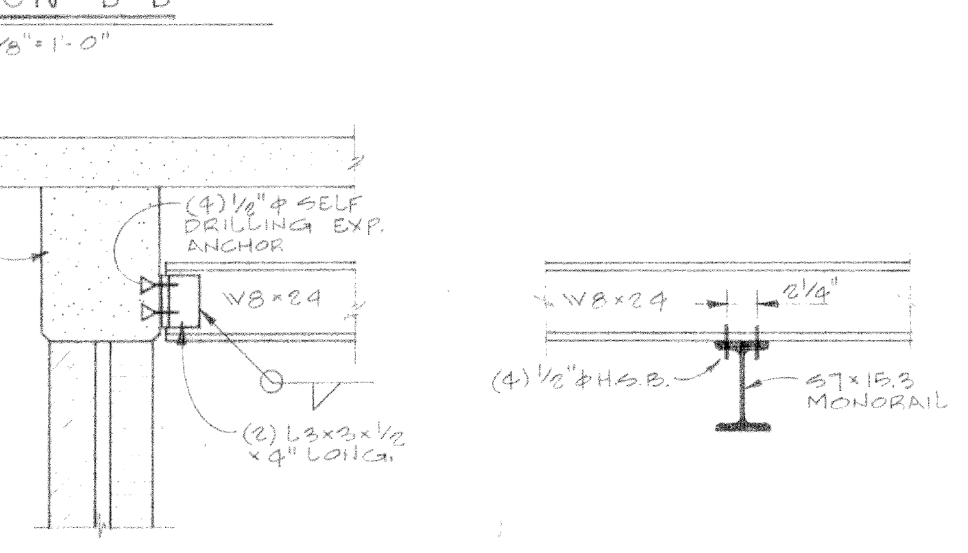
DOOR DETAIL
SCALE: 3/4"=1'-0"



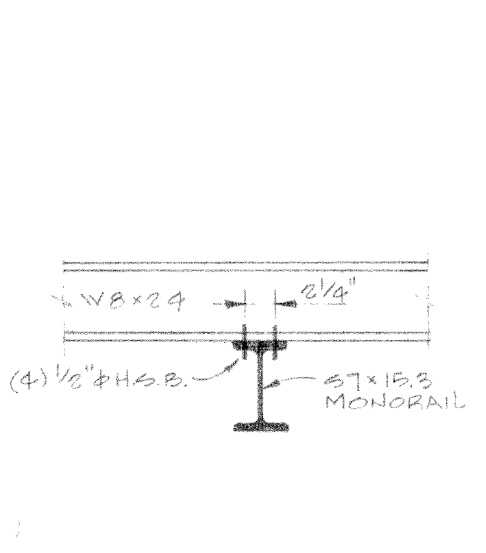
TYPICAL WALL SECTION
SCALE: 3/4"=1'-0"



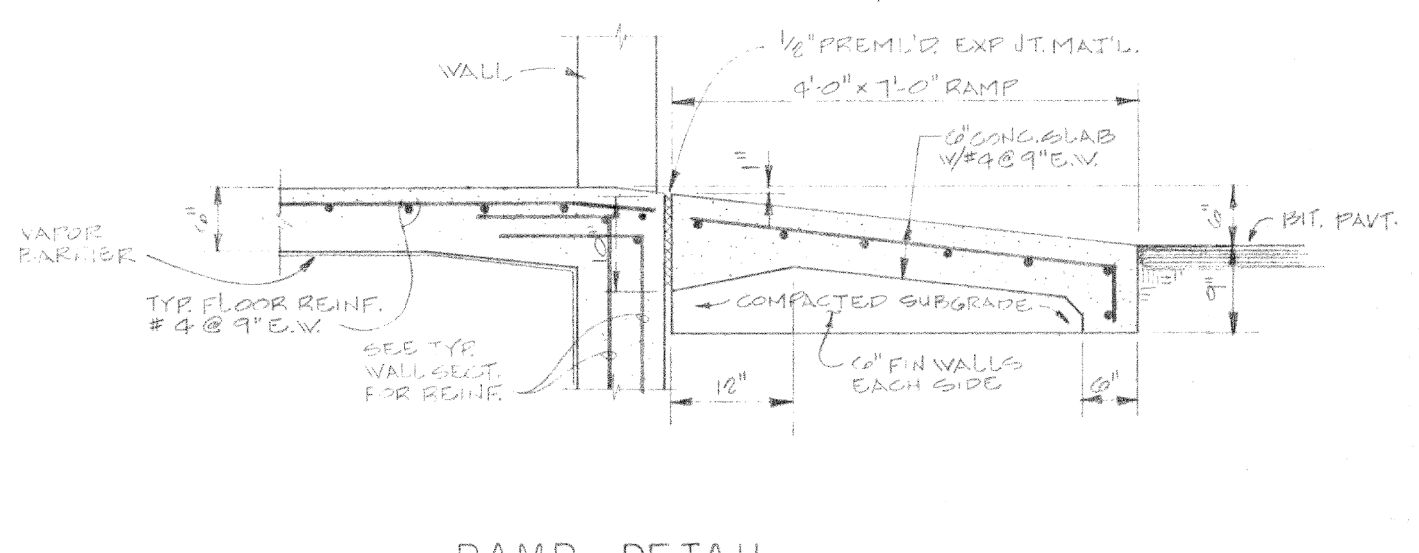
DETAIL 'A'
TYPICAL & PLACES
SCALE: 1"=1'-0"



DETAIL 'B'
TYPICAL & PLACES
SCALE: 1"=1'-0"



DETAIL 'C'
TYPICAL & PLACES
SCALE: 1"=1'-0"



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

NO.	DESCRIPTION	DATE	ENGR.
1	REVISIONS		

DRAFTSMAN:	J.B.C.
CHECKED BY:	J.B.C.
APPROVED BY:	J.B.C.
DATE:	MAY 1999
SCALE:	AS SHOWN

J. B. Converse & Co. Inc.
Consulting Engineers
Mobile, Alabama

CLIENT:	BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE, ALABAMA
TITLE:	OVERLOOK PUMPING STATION STRUCTURAL PLANS & SECTIONS

DRAWING NUMBER:	IA2-19.6
SHEET:	2 OF 8

McCrory Williams
INCORPORATED
Engineers Surveyors

3207 INTERNATIONAL DR., SUITE G
MOBILE, ALABAMA 36606
PHONE: (251) 476-4720
FAX: (251) 476-4721
EMAIL: mail@mcwinc.com

WATER BOOSTER STATION LOUVER MODIFICATIONS

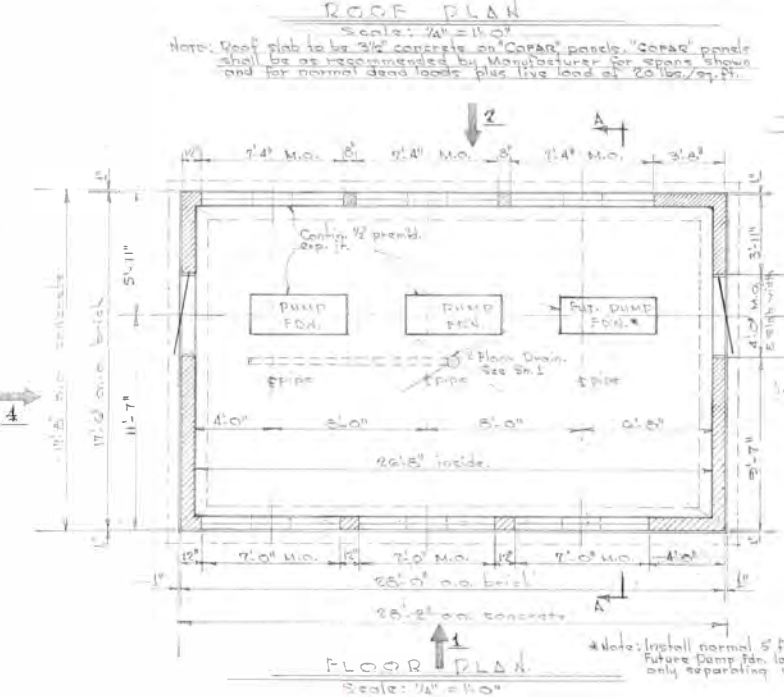
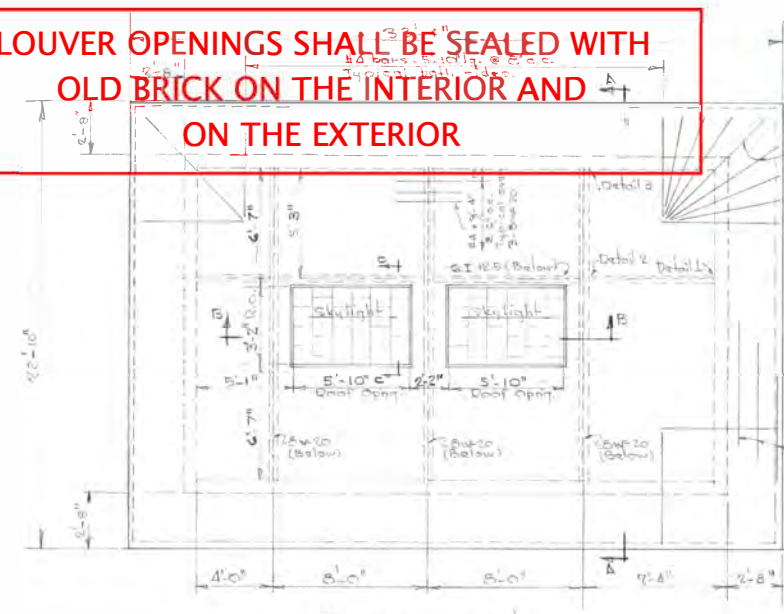
MISSISSIPPI STREET

BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE

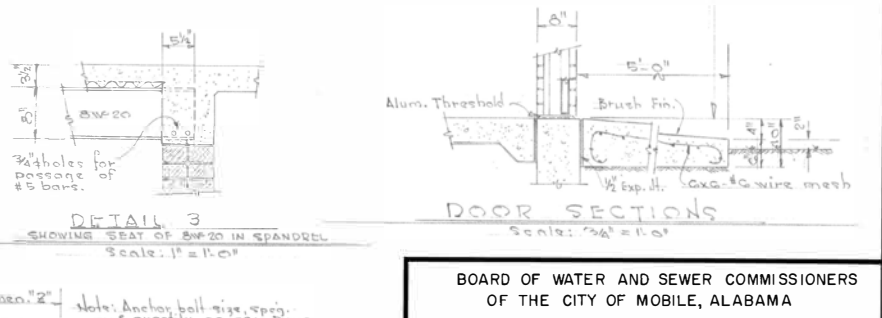
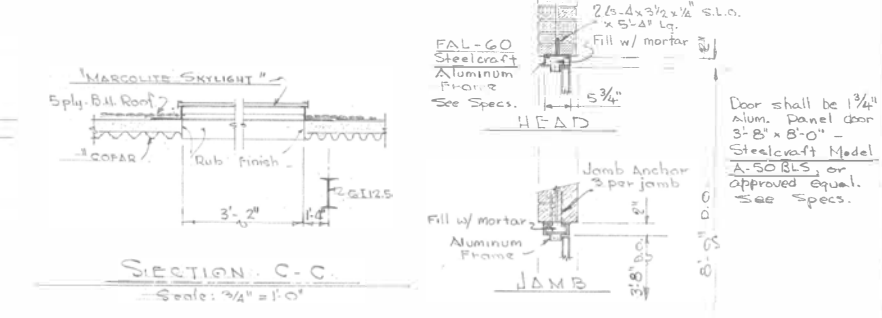
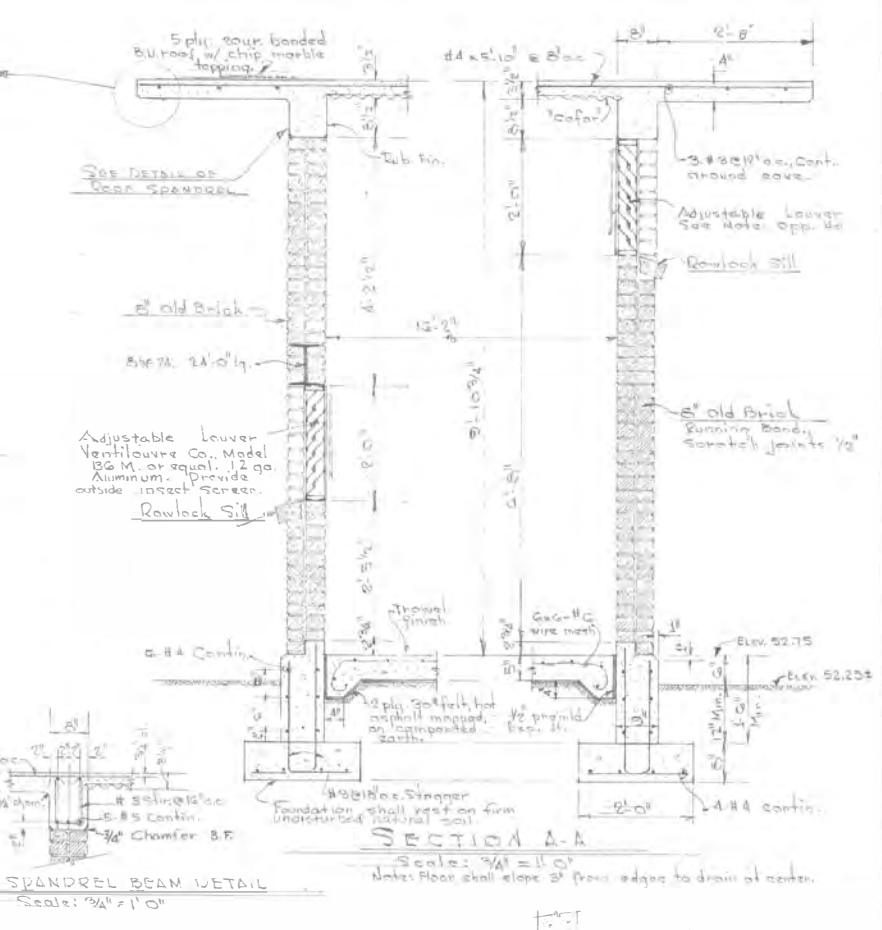
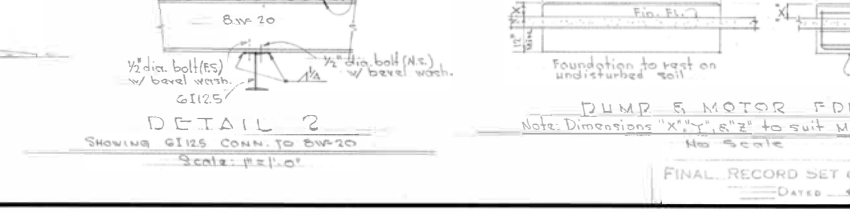
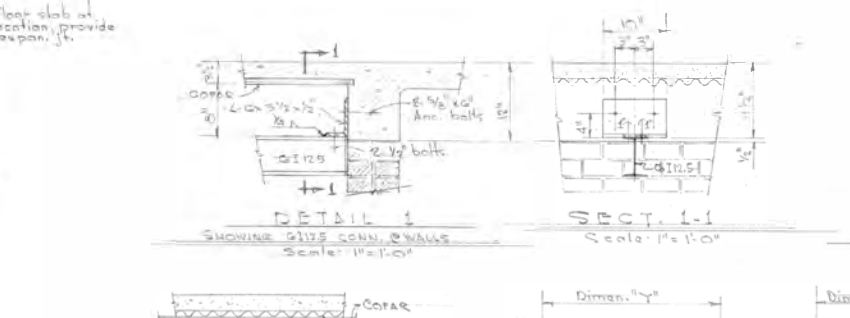
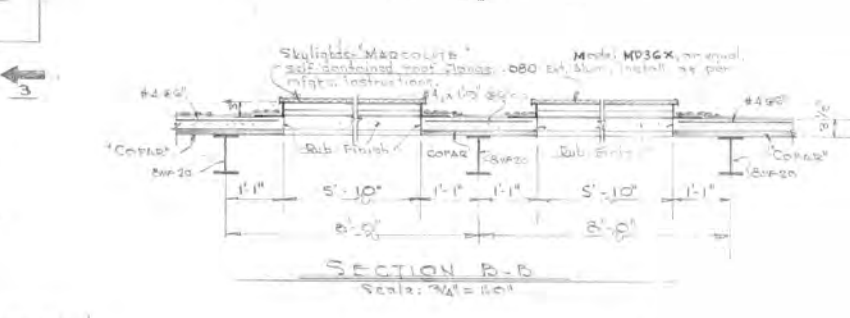
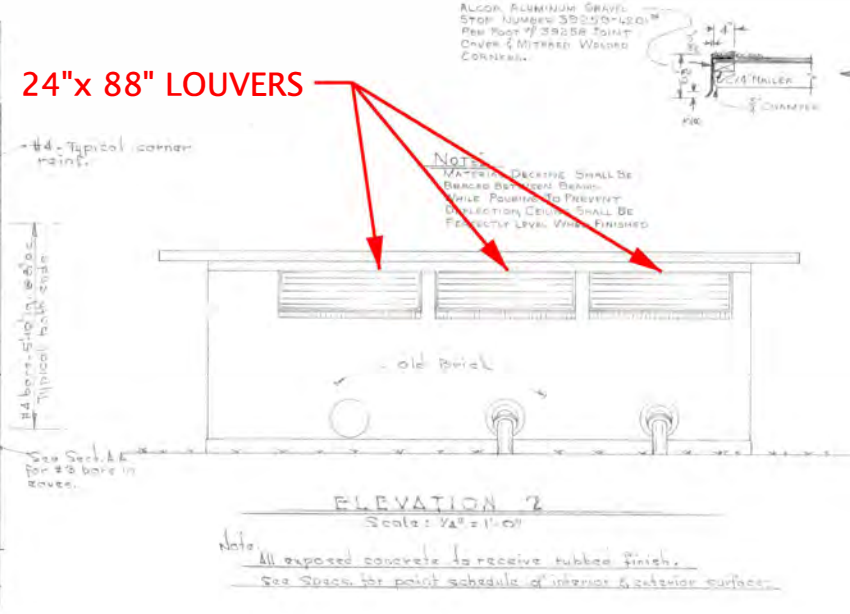
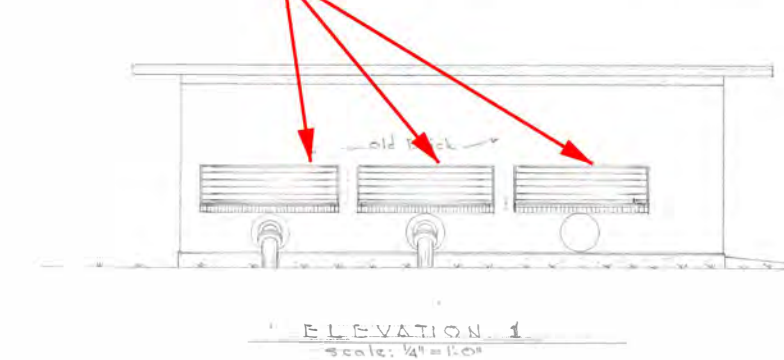
SCALE: NOT TO SCALE	DATE: 2026	DRAWN BY: AKE	APPROVED BY: WEW	SHEET 2 OF 8
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LOUVER OPENINGS SHALL BE SEALED WITH
OLD BRICK ON THE INTERIOR AND
ON THE EXTERIOR

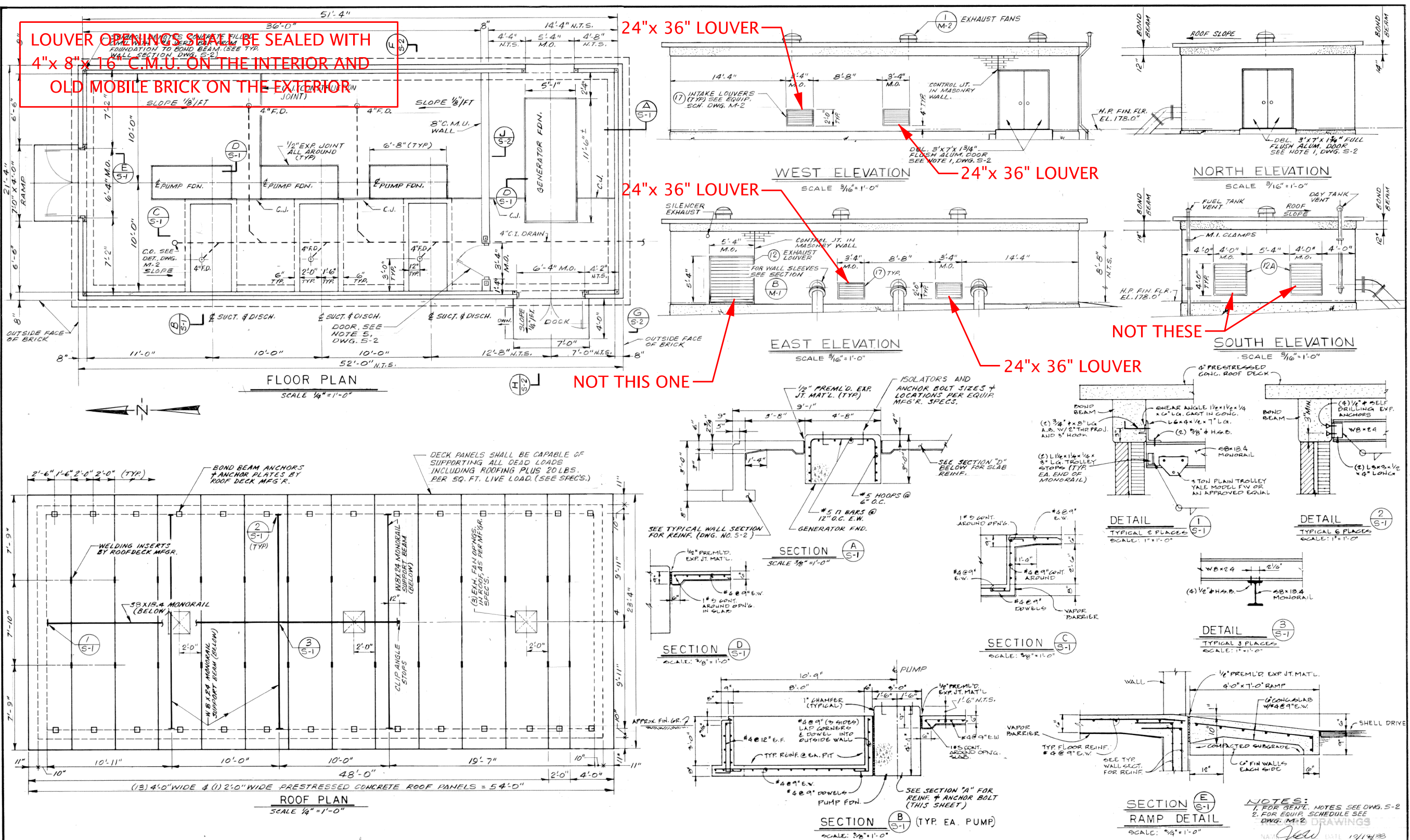
24"x 88" LOUVERS



24"x 84" LOUVERS



BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE, ALABAMA EXPANSION OF THE WATER SERVICE SYSTEM			
J. B. CONVERSE & CO. INC. ENGINEERS MOBILE, ALABAMA			
COTTAGE HILL PUMPING STATION ARCHITECTURAL & STRUCTURAL DETAILS			
DRAWN BY: J.B.D.	REVISIONS	DATE: FEB. 1963	DRAWING NUMBER
CHECKED BY: J.B.D.			276 B7-2
SCALE: AS NOTED			



										VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 ————— 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DESIGNER LRH DRAWN BY LRH ENGINEER SHH PROJECT MGR. SHH CHECKED BY CHS		APPROVED APPROVED DATE NOV., 1986		SEAL 	BOARD OF WATER AND SEWER COMMISSIONERS CITY OF MOBILE, ALABAMA HILLCREST (GRELOT ROAD) PUMPING STATION STRUCTURAL PLANS AND SECTIONS				SCALE NOTED PROJECT NO. 05-0004-30 DRAWING NO. S-1 SHEET 5 OF 9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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McCroryWilliams

INCORPORATED

Engineers Surveyors

3207 INTERNATIONAL DR., SUITE G
MOBILE, ALABAMA 36606
PHONE: (251) 476-4720
FAX: (251) 476-4721
EMAIL: mail@mcwinc.com

WATER BOOSTER STATION LOUVER MODIFICATIONS

GRELLOT ROAD

BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE

SCALE: NOT TO SCALE

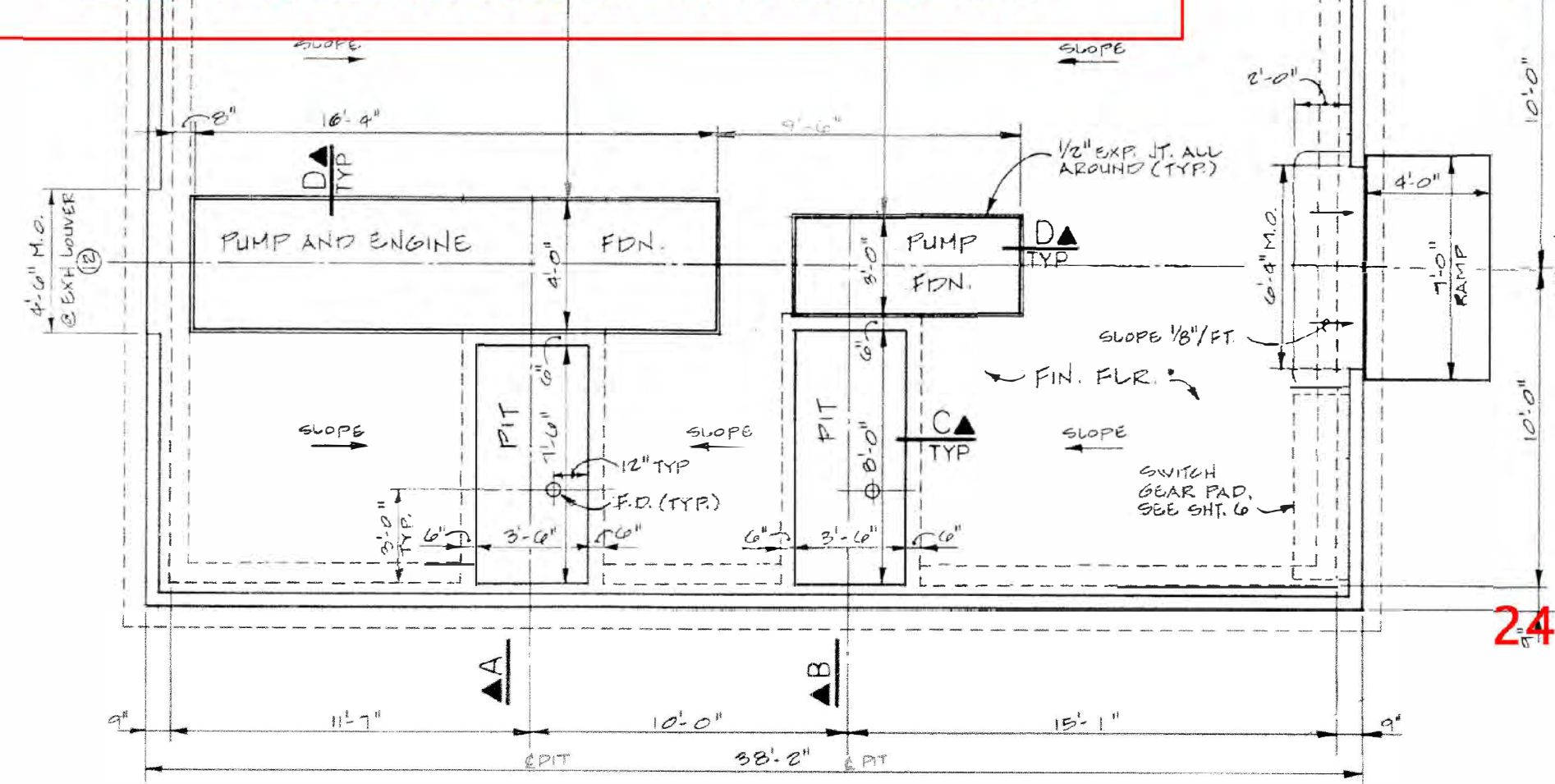
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DRAWN BY: AKE

APPROVED BY: NEW

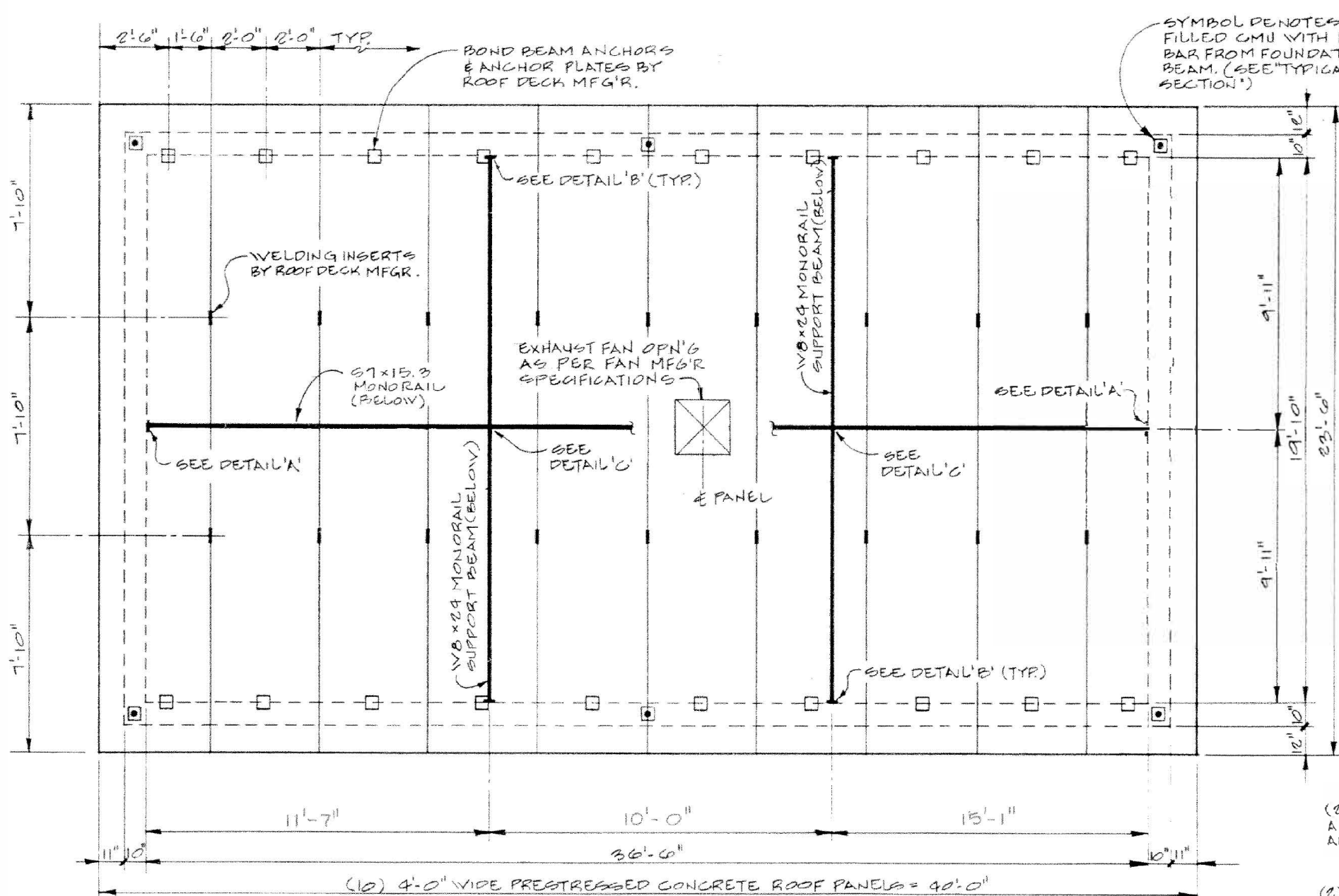
SHEET 4 OF 8

LOUVER OPENINGS SHALL BE SEALED WITH
4"x 8"x 16" C.M.U. ON THE INTERIOR AND
OLD MOBILE BRICK ON THE EXTERIOR



GENERAL NOTES:

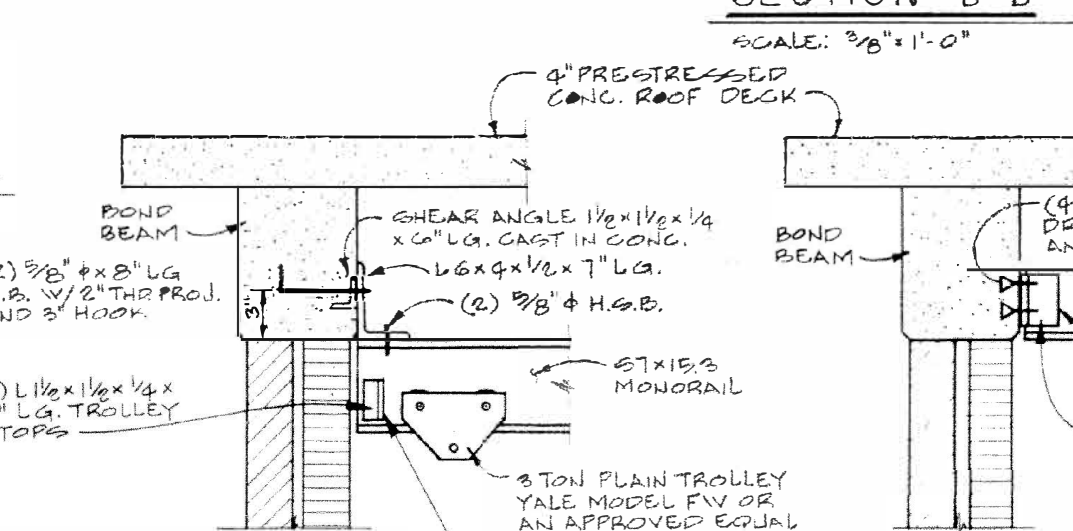
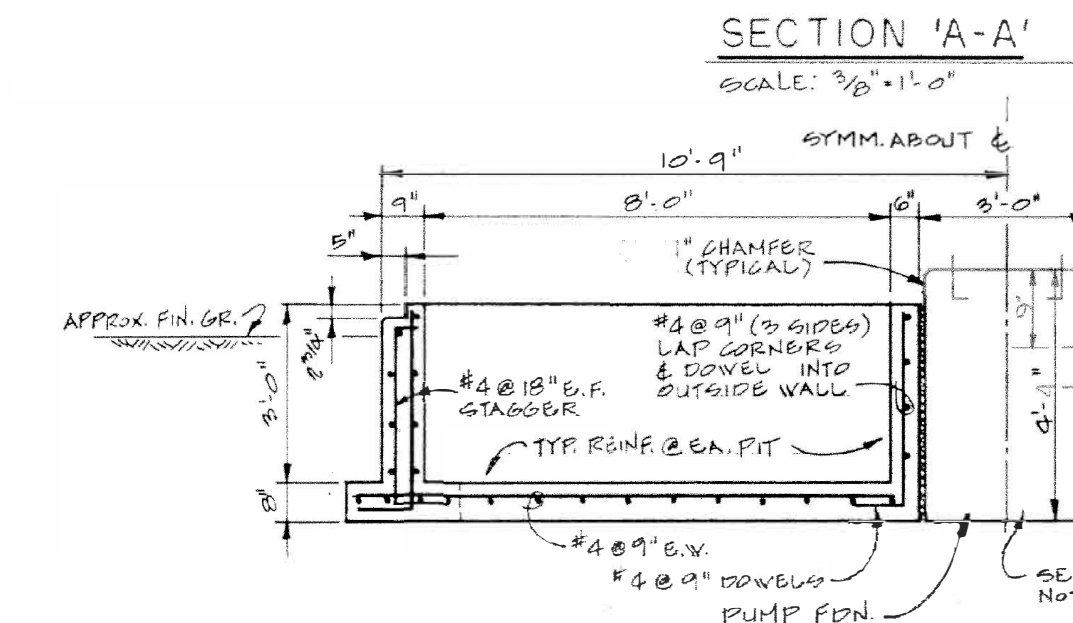
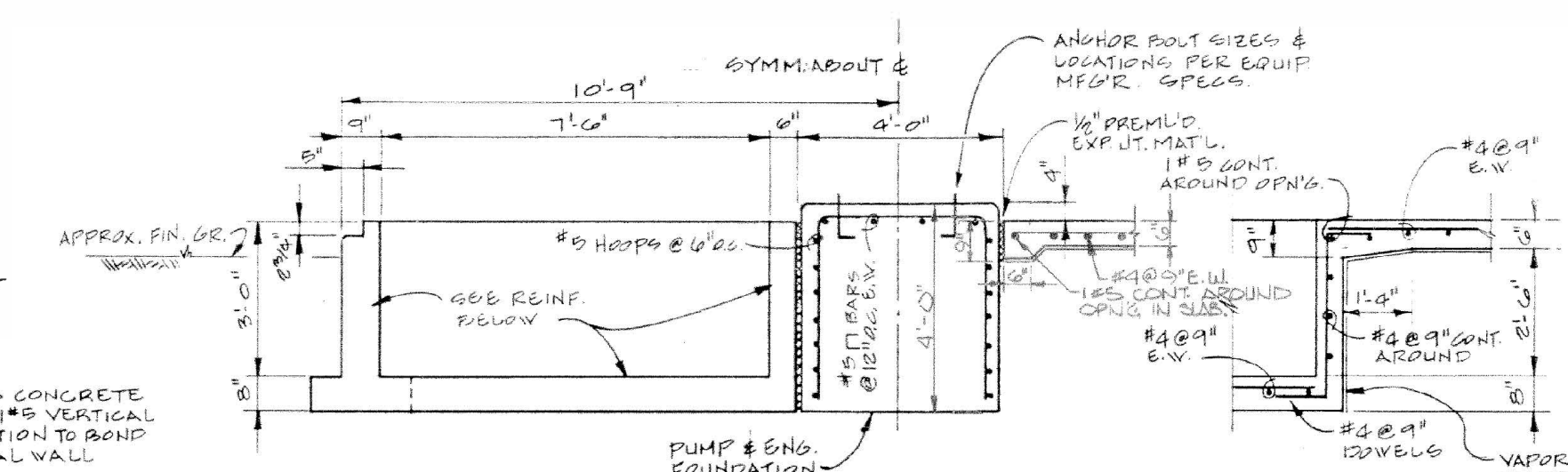
- DOOR SHALL BE DBL. 5'x7'x1 3/4" W/ ALL ALUM. FRAMES W/ MIN. THK. OF 1.58" STEELRAFT "LA-50" OR APP. EQUAL. DOOR - FULL FINISH .080" ALUM. W/ UNPAINTED HONEY COMB DOOR, HINGE & LOCK EDG. RIGHT SIDE ACTIVE. 20 LB. WT. STD. WEIGHT TEMPLATE, FULL MORTISING HINGES, LOCKSET - MOUNTED W/ A CYLINDER W/ 2ND FINISH ON ACTIVE LEAF. INACTIVE LEAF SHALL HAVE KNOB FULLY, STD. DOOR STROKE W/ HEAD & FOOT BOUT, W/ 3" (100) LBS. 2ND FINISH. PROVIDE OVERHEAD HOOPER, CLOS. SHD. SEALS OR EQUAL TO HOLD DOOR IN OPEN POSITION & PROVIDE SHOCK RESISTANCE. LOCK SHALL BE KEYS TO SUIT OWNER'S REQUIREMENTS.
- ALL INT. WALL & BOND BEAM SURFACES SHALL BE PAINTED ANTIQUE WHITE W/ 2 PRIME COATS OF KOPPER'S DOCK 890 UNDERCOAT & 1 FINISH COAT OF KOPPER'S RAMBO UTILITY ENAMEL OR EQ. CONC. BLOCK SHALL RECEIVE 1 FULL COAT OF BLOCK SEALER PRIOR TO PAINTING.
- ALL FACE BRICK SHALL BE SIMULATED "OLD BRICK". SAMPLE BRICK SHALL BE SUBMITTED FOR APPROVAL.



NOTE:
(1) 12'-0" WIDE PRESTRESSED CONCRETE ROOF PANELS MAY BE USED IN LIEU OF (2) 4'-0" WIDE UNITS SHOWN ABOVE AT THE CONTRACTOR'S OPTION. BOND BEAM ANCHOR PLATE BRACING SHALL BE REV. SED. APPROX. 2'.

24"x 36" LOUVER

24"x 36" LOUVER



DETAIL 'A'
TYPICAL 6 PLACES
SCALE: 1/8"=1'-0"

DETAIL 'B'
TYPICAL 6 PLACES
SCALE: 1/8"=1'-0"

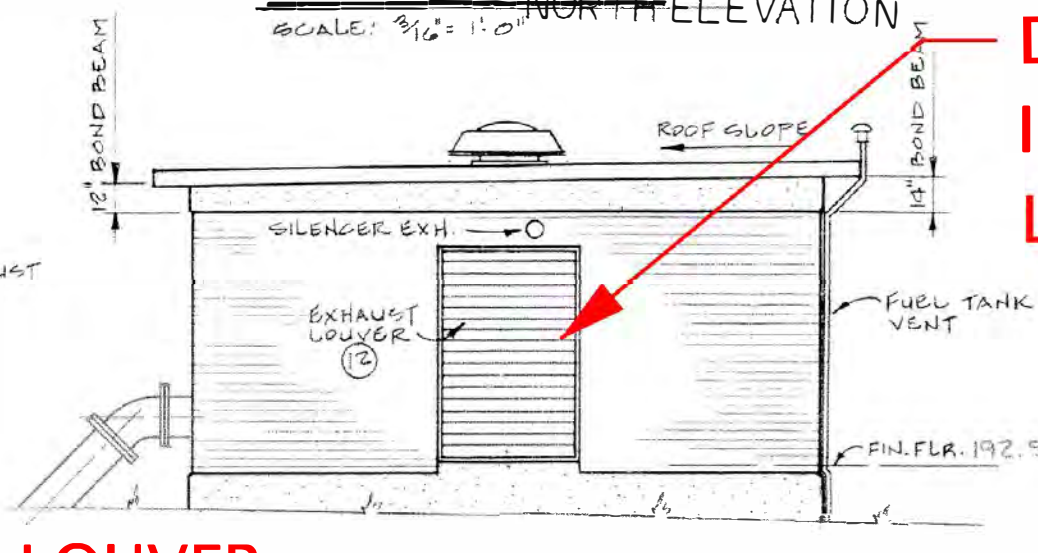
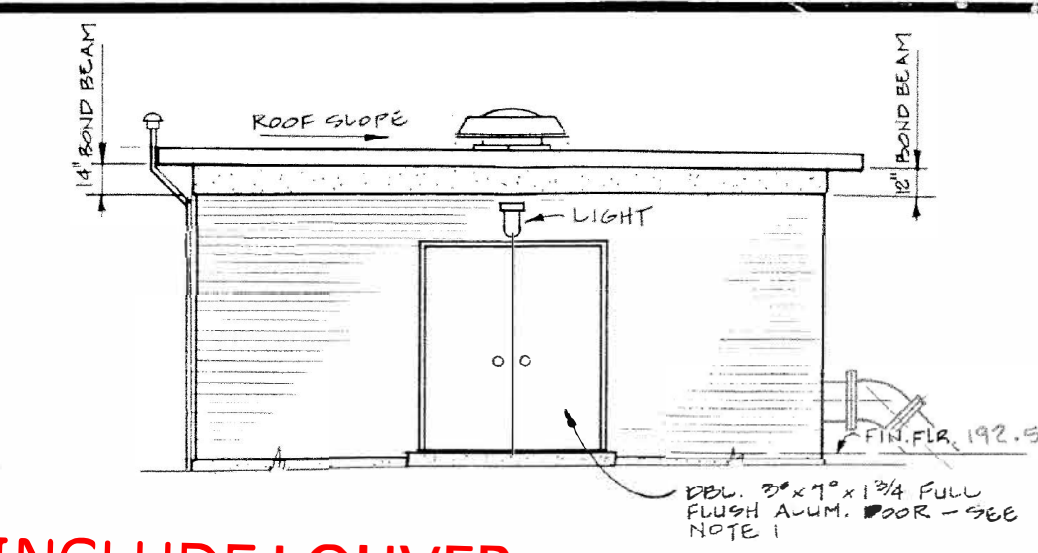
DETAIL 'C'
TYPICAL 6 PLACES
SCALE: 1/8"=1'-0"

EAST ELEVATION
SCALE: 3/16"=1'-0"

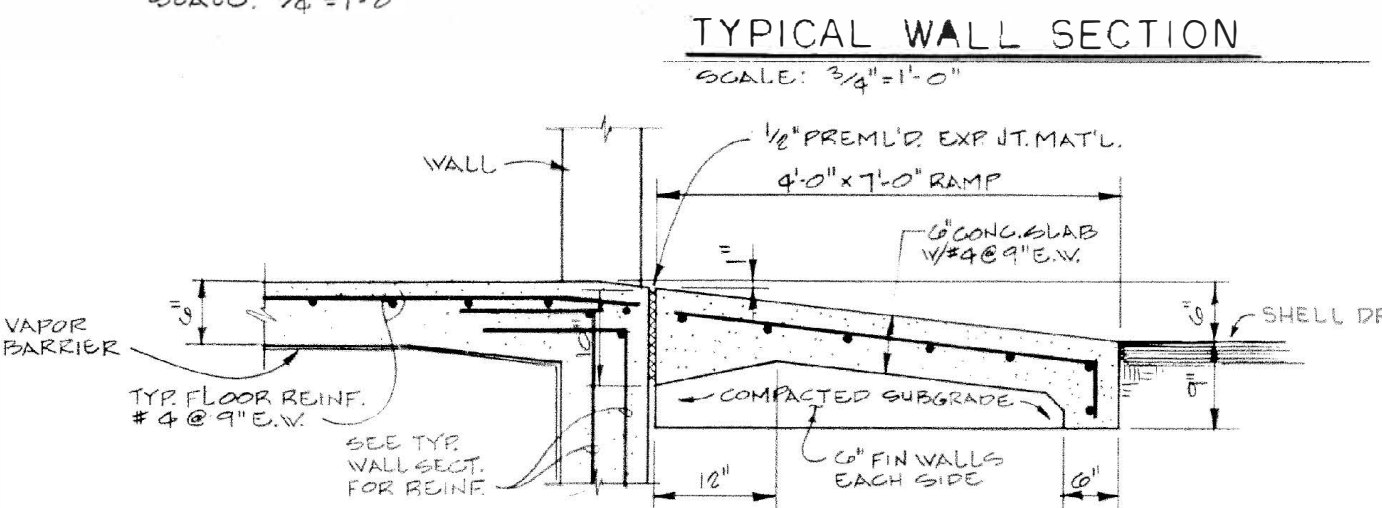
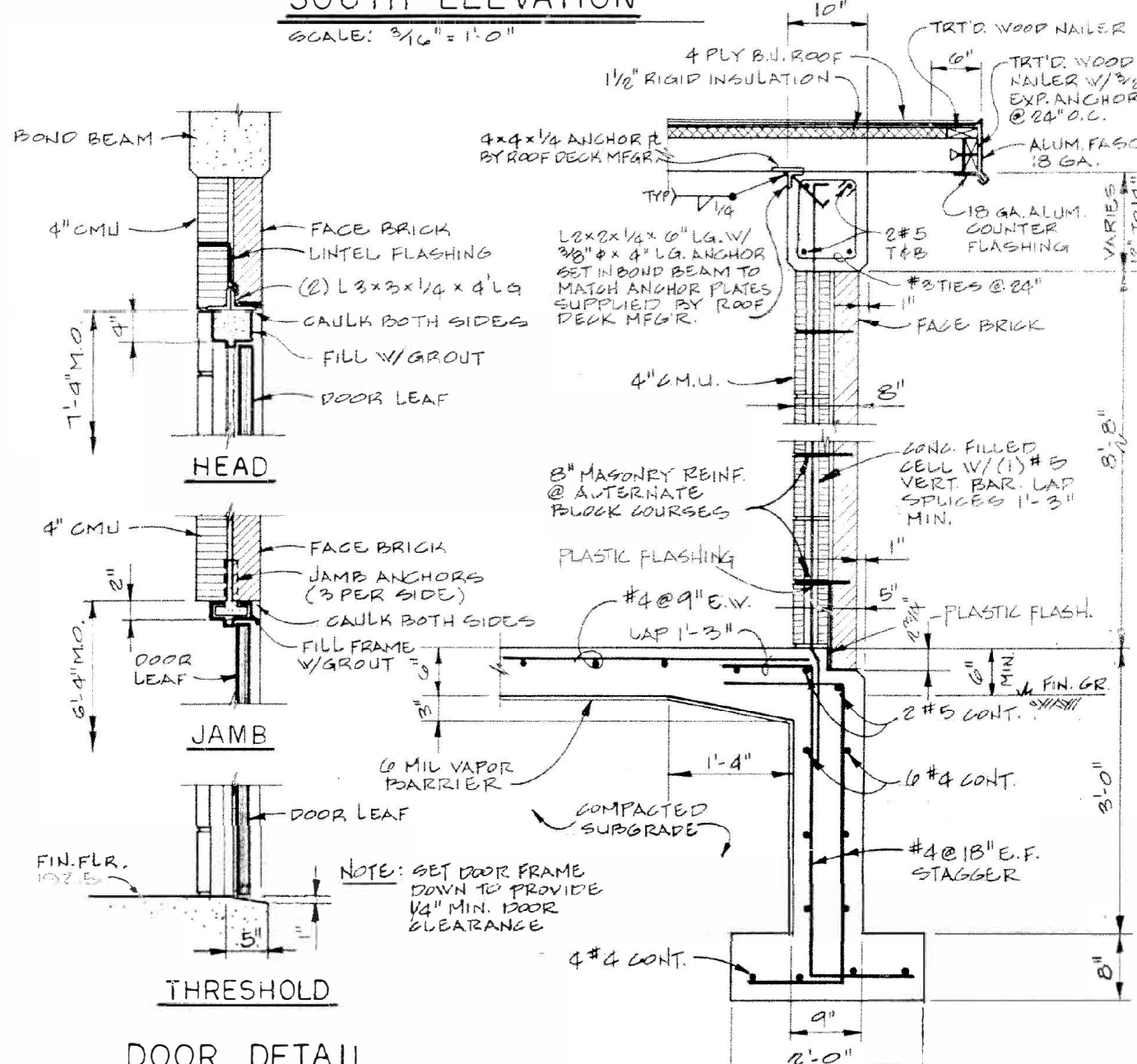
WEST ELEVATION
SCALE: 3/16"=1'-0"

DO NOT INCLUDE LOUVER

24"x 36" LOUVER



DO NOT INCLUDE LOUVER



RAMP DETAIL
SCALE: 1/8"=1'-0"

NO.	DESCRIPTION	DATE	ENGR.

DRAFTSMAN A.W.O.
CHECKED BY G.H.H.
APPROVED BY C.H.H.
DATE 7 OCT. 1988
SCALE AS SHOWN

J. B. Converse & Co. Inc.
Consulting Engineers
Mobile, Alabama
Panama City
Albany

CLIENT:
BOARD OF WATER AND SEWER COMMISSIONERS
OF THE CITY OF MOBILE, ALABAMA
TITLE:
HILLCREST (ARNOLD ROAD) PUMPING STATION
STRUCTURAL PLANS & SECTIONS

DRAWING NUMBER: 05-0002-15
SHEET: 2 OF 8

McCrory Williams
INCORPORATED
Engineers Surveyors

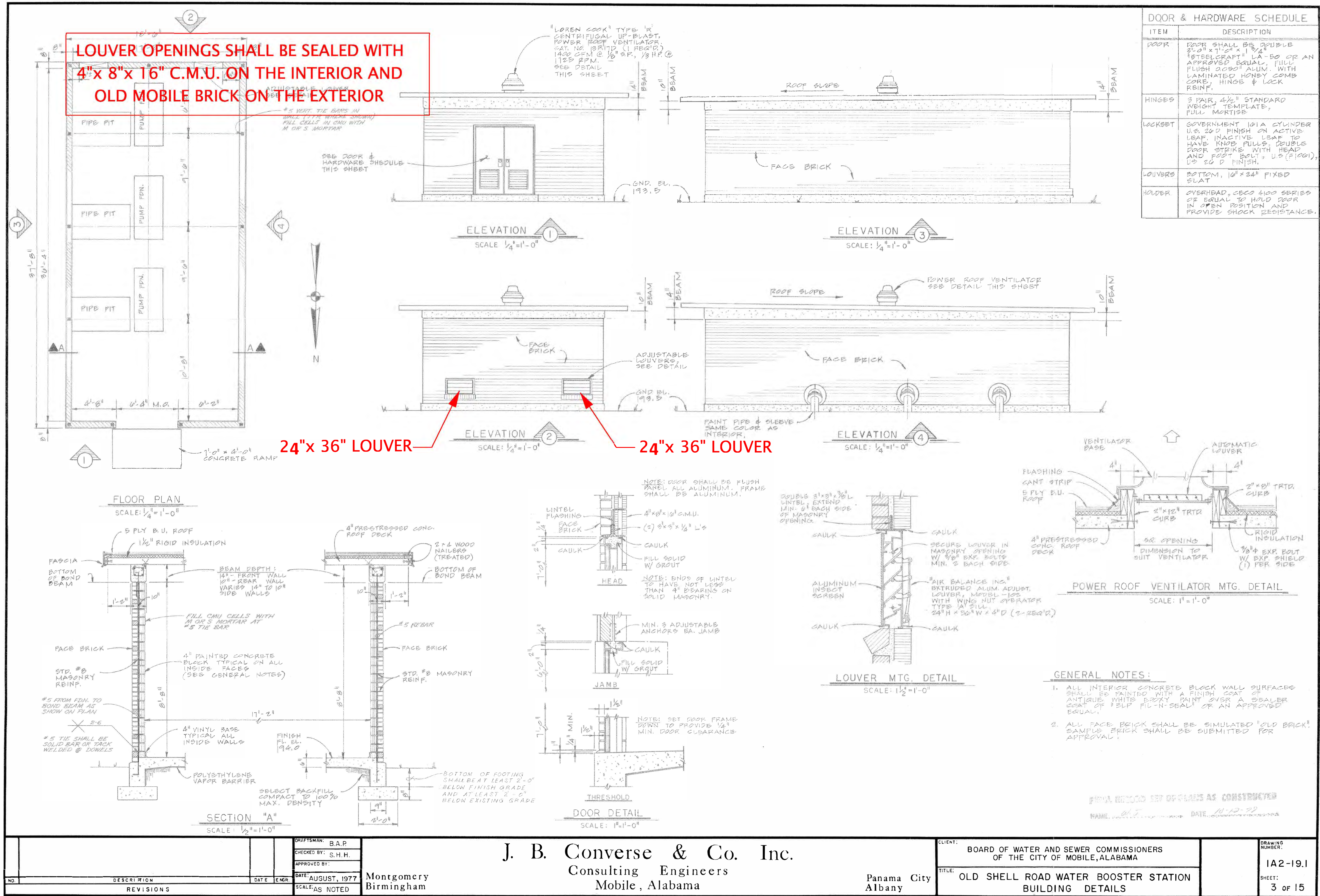
3207 INTERNATIONAL DR., SUITE G
MOBILE, ALABAMA
36606
PHONE: (251) 476-4720
FAX: (251) 476-4721
EMAIL: mail@mcwinc.com

WATER BOOSTER STATION LOUVER MODIFICATIONS

HILLCREST ROAD

BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE

SCALE: NOT TO SCALE DATE: 2026 DRAWN BY: AKE APPROVED BY: WEW SHEET 5 OF 8



LOUVER OPENINGS SHALL BE SEALED WITH
OLD BRICK ON THE INTERIOR AND
ON THE EXTERIOR

24"x 26" LOUVER ON
EAST SIDE BOTTOM

24"x 26" LOUVER

DO NOT INCLUDE

24"x 26" LOUVER

24"x 26" LOUVER

24"x 26" LOUVER

24"x 26" LOUVER

NOT THESE

WEST ELEVATION
(EAST ELEV. SIMILAR TO OP. HD)
scale: 1/4"=1'-0"

SOUTH ELEVATION
(NORTH ELEV. SIM. EXCEPT NO DOORS)
scale: 1/4"=1'-0"

SECTION A-A
scale: 1/2"=1'-0"

SECTION B-B
scale: 1/2"=1'-0"

SECTION C-C
scale: 1/2"=1'-0"

SECTION D-D
scale: 3/4"=1'-0"

SECTION E-E
scale: 3/4"=1'-0"

TYPICAL FTG. SECT.
scale: 1"=1'-0"

SECTION THRU DOOR
scale: 1/2"=1'-0"

TYP. SECT.
scale: 1/2"=1'-0"
LOUVER DET'S.

DOOR HARDWARE
Each Leaf - 2 only Std. butt hinges 4 1/2" x 4 1/2" with non-removable pins.
Inactive Leaf - 1 only surface type bolt with pull chain. 1 only surface type bottom bolt.
1 only mortise & lock plate.
Active Leaf - 1 only dead lock, key outside, thumb latch inside, with pull handle in & out, lock to be keyed same as Water Test, padlock for gate, furnish 2 keys.

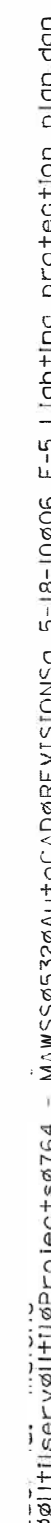
Note: Bottom of Fdn. to rest on undisturbed soil.
Note: Dimensions "X", "Y", "Z" to suit motor pump & motor.

Note: Anchor bolt size spec'd quantity by motor.

PUMP & MOTOR FDN.
2 REQ'D
scale: none

HEAD & JAMB
SILL
Louvers to be flush flat type, 24" x 26" Alum. or 26" galv. stl. similar or equal to LESLIE'S Series VRF.
caulk

DOMESKYLIGHT
scale: 3/8"=1'-0"



- 32"x 36" LOUVER

SCALE: NOT TO SCALE	DATE: 2026	DRAWN BY: AKE	APPROVED BY: WEW	SHEET 8 OF 8
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