

SECTION 00 41 13

BID FORM

**ARTICLE 1 – BID RECIPIENT**

- 1.1 This Bid is submitted to:

The City of Flint  
Department of Purchases and Supplies  
1101 S. Saginaw Street, Room 203  
Flint, MI 48502

Attn: Joyce A. McClane  
Purchasing Manager

(Hereinafter called Owner)

- 1.2 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS**

- 2.1 Bidder accepts all of the terms and conditions of the Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 120 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner. Bidder shall sign and deliver the required number of counterparts of the Agreement with the bonds and other documents required by the Bidding Documents within twenty (20) days after the issuance date of the Notice of Award.

**ARTICLE 3 – BIDDER’S REPRESENTATIONS**

- 3.1 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.2 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.6 as containing reliable "technical data."
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.1.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- J. In connection with the performance of Work under this Contract, Bidder agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition or developmental disability, or national origin.
- A. The submission of this Bid constitutes and incontrovertible representation by the Bidder that the Bidder has complied with every requirement of the Bidding Documents, and that without exception, the Bid prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

## **ARTICLE 4 – BIDDER’S CERTIFICATION**

### **4.1 Bidder certifies that:**

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.1.D:
  - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
  - 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
  - 4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

## **ARTICLE 5 – BASIS OF BID**

### **5.1 Bidder will complete the Work in accordance with the Contract Documents for the prices identified below.**

- A. Unit Prices shall be computed in accordance with Paragraph 11.3.B of the General Conditions.
- B. The Owner reserves the right to award additional assignments once a Contract’s original scope of work is completed and accepted by the Owner.
- C. The Contractor shall not be entitled to renegotiate any unit pricing based upon the quantity of any work.
- D. Bidder acknowledges that quantities of work are not guaranteed. Final payment for all unit price Bid items will be based on actual quantities of work completed as described in the Contract Documents.

- E. The City of Flint reserves the right to reject any or all Bids, or to accept or reject any Bid in part, and to waive any minor informality or irregularity in the Bid received if it is determined by the City of Flint, or their designee, that the best interest of the City will be served by doing so. No Bid will be considered from any person, firm, or corporation in arrears or in default to the City on any contract, debt, taxes, or other obligation, or if the Bidder is debarred by the City of Flint from consideration for a Contract award.

The undersigned bidder will complete the Work in accordance with the Contract Documents for the following pay items:

Item No.	Description	Quantity	Units	Unit Price	Bid Amount
1.	Mobilization	1	LS	\$	\$
2.	Clearing and Site Preparation	1	LS	\$	\$
3.	28-inch HDPE DR11 IPS	1470	LF	\$	\$
4.	Soil Support Structure at Tunnel Connection	1	LS	\$	\$
5.	Manhole and Connection to Tunnel	1	EA	\$	\$
6.	Manholes	2	EA	\$	\$
7.	Diversion Structure with Sluice Gates	1	LS	\$	\$
8.	Diversion Structure Building	1	LS	\$	\$
9.	Electrical, Instrumentation Controls and Meters	1	LS	\$	\$
10.	Site Work, Drive, and Restoration	1	LS	\$	\$
11.	Dewatering	1	LS	\$	\$
12.	Electric Service	1	LS	\$	\$
13.	Soil Erosion Control	1	LS	\$	\$
14.	Traffic Control	1	LS	\$	\$
15.	Consumers Energy Service Allowance	1	LS	\$ 15,000	\$ 15,000
16.	Allowance for Soil Erosion Permit	1	LS	\$ 5,000	\$ 5,000
17.	Allowance for Road Commission Permit	1	LS	\$ 7,500	\$ 7,500
18.	Allowance for Programming	1	LS	\$ 7,500	\$ 7,500
Total					\$

Alternate bid item 19 for Fusible 24" DR11 PVC. Delete Item 3.

Item No.	Description	Quantity	Units	Unit Price	Bid Amount
19.	24" Fusible PVC DR11	1470	LF	\$	\$

Pay items have been computed in accordance with Article 11 of the General Conditions. Work not specifically listed as a Pay Item is included in the Pay Items listed and will not be paid for separately.

In accordance with the above understanding, the undersigned proposes to perform the Work, furnish all labor, materials and equipment to complete the Work in its entirety in the manner and under the conditions required for the Contract Price of

\$ \_\_\_\_\_.

**Total Bid Amount in Words**



G. This Contract will be awarded to the lowest responsive, responsible Bidder. The Bidder(s) to whom an award is made will be notified at the earliest possible date. Tentative acceptance of the Bid, intent to recommend award of a contract, and actual award of the Contract will be provided by written notice sent to the Bidder at the address designated in the bid. After a final award of the Agreement by the City of Flint, the Bidder must execute and perform said Agreement. If, for by reasons of refusal by the Bidder, a contract is not executed with the selected Bidder after notice of recommendation for award, then the City may recommend the next lowest responsive and responsible Bidder.

H. Bidder acknowledges that:

1. Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. Estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

#### **ARTICLE 6 – TIME OF COMPLETION**

- 6.1 Bidder agrees that the Work is anticipated to be substantially complete on or before **December 31<sup>st</sup>, 2020** and will be completed and ready for final payment in accordance with Paragraph 14.7 of the General Conditions on or before **February 1<sup>st</sup>, 2021**.
- 6.2 Bidder accepts the provisions of the Agreement as to liquidated damages should final completion exceed anticipated completion date based upon mutual acceptance of the contract parties.
- 6.3 **All Work shall be done under a one (1) year warranty.**

#### **ARTICLE 7 – ATTACHMENTS TO THIS BID**

- 7.1 The following documents are submitted with and made a condition of this Bid:
  - A. Required Bid security in the form of a Bid Bond. Refer to Section 00 43 13;
  - B. Non-collusion Affidavit of Prime Bidder included as Exhibit B.
  - C. Bid Certification Form included as Exhibit C.
  - D. List of Proposed Subcontractors. Use the form included as Exhibit D.
  - E. List of Proposed Suppliers. Use the form included as Exhibit E.
  - F. List of Project References. Use the form included as Exhibit F.
  - G. Evidence of authority to do business in the state of Michigan; or a written covenant to obtain such license within the time for acceptance of Bids;

- H. Contractor's License No: [\_\_\_\_\_] (if applicable) Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;
- I. Required Bidder Qualification Statement with Supporting Data; and
- J. Ownership statement. Use the form included as Exhibit G.
- K. Supplemental information as defined in Article 3 of the Instructions to Bidders.

## **ARTICLE 8 – DEFINED TERMS**

8.1 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

**ARTICLE 9 – BID SUBMITTAL**

9.1 This Bid is submitted

by: An Individual

Name (typed or printed): \_\_\_\_\_

By: \_\_\_\_\_  
(Individual's signature)

Doing business as: \_\_\_\_\_

A Partnership

Partnership Name: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Corporation

Corporation Name: \_\_\_\_\_(SEAL)

State of Incorporation: \_\_\_\_\_  
Type (General Business, Professional, Service, Limited Liability): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_  
(CORPORATE SEAL)

Attest \_\_\_\_\_

Date of Qualification to do business in Michigan is \_\_\_\_/\_\_\_\_/\_\_\_\_.

A Joint Venture

Name of Joint Venture: \_\_\_\_\_

First Joint Venturer Name: \_\_\_\_\_(SEAL)

By: \_\_\_\_\_  
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Second Joint Venturer Name: \_\_\_\_\_(SEAL)

By: \_\_\_\_\_  
(Signature of first joint venture partner - attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Bidder's Business Address \_\_\_\_\_

\_\_\_\_\_

Phone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

E-mail \_\_\_\_\_

SUBMITTED on \_\_\_\_\_, 20\_\_\_\_.

State Contractor License No. \_\_\_\_\_.

Sworn and subscribed to before me this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary or other officer authorized to administer oaths

My commission expires: \_\_\_\_\_, 20\_\_\_\_.

(Bidders shall not add any conditions or qualifying statements to this Bid as otherwise the Bid may be declared irregular as being not responsive to the advertisement. BIDDERS SHALL USE THIS BID FORM IN SUBMITTING THEIR BIDS.)

Bidder acknowledges that the above representations are material and important and will be relied on by the Owner in awarding the Contract(s) for which this Bid is submitted. The Bidder understands that misstatement in this Bid is and shall be treated as fraudulent concealment from the Owner of the true facts relating to the submission of the Bid for this Contract.

Bidder, being duly sworn, deposes and states that he is the person making the above Bid or is authorized to make this Bid on behalf of said partnership, joint venture or corporation; and that said Bid is genuine and not sham or collusive, and is not made in the interest of or on behalf of any person, partnership, joint venture, or corporation not therein named, and that he has not directly or indirectly induced or solicited any bidder to put in a sham bid; that he has not directly or indirectly induced or solicited any other person, partnership, joint venture, or corporation to refrain from bidding, and that he has not in any manner sought by collusion to secure himself or to said partnership, joint venture, or corporation an advantage over other bidders.

## EXHIBIT A

### CHECKLIST OF ITEMS REQUIRED FOR SUBMISSION OF BID

#### **BIDDERS MUST COMPLETE THIS SHEET AND SUBMIT WITH THEIR BID, ALONG WITH THE FOLLOWING ITEMS**

- \_\_\_ Checklist form – Exhibit A
- \_\_\_ Non-Collusion Affidavit – Exhibit B
- \_\_\_ Bid Certification – Exhibit C
- \_\_\_ Capacity information
  - Bidder has to provide information on their capacity to perform the work outlined in the bid documents.
  - Provide a historical summary of work that demonstrates the required experience, both in time and quantity of work completed.
- \_\_\_ Experience and qualifications
  - Identify all subcontractors (if applicable) and provide same information as proposed bidder. – Exhibit D
  - Identify all equipment and suppliers (if applicable) intended to be utilized for this contract. – Exhibit E
- \_\_\_ References
  - Supply at least five (5) references from municipalities (city, county, township, etc.) or communities (or developments) demonstrating experience working on projects that are similar in size and scope to this project. Please include customer's name, dates of contracts, summary of services provided, reference contact name, phone number, and address. – Exhibit F
- \_\_\_ Other
  - Ownership Statement – Exhibit G
  - Identify the name of the landfill or approved disposal site in which excavation spoils, debris, and waste will be disposed for the period of this contract. The City may request financial information of said landfill or disposal site at a later date.
  - Describe how your company meets or exceeds the minimum experience qualification of the services requested.
  - Any information that the vendor would like to submit with their proposal.
- \_\_\_ Supplemental information as defined in Article 3 of the Instructions to Bidders.
- \_\_\_ Bid Bond – Section 00 43 13
- \_\_\_ (Appendix E) – (DBE) Utilization Good Faiths Worksheet, Debarment/Suspension Certification

**PLEASE NOTE: FAILURE TO SUBMIT THE ABOVE ITEMS WILL RESULT IN A REJECTION OF YOUR BID.**

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EXHIBIT B  
NON-COLLUSION AFFIDAVIT

State of \_\_\_\_\_:

S.S.

County of \_\_\_\_\_:

I state that I am \_\_\_\_\_ of \_\_\_\_\_  
(Title) (Name of Firm)

and that I am authorized to make this affidavit on behalf of my Firm, its Owner, Directors and Officers. I am the person responsible in my firm for the price(s) and the amount of the bid.

I state that:

1. The price(s) and the amounts of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of the bid, and neither the approximate price(s) nor the approximate amount of the bid, have been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before the bid opening.
3. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a discussion with, or inducement from, any firm or person to submit a complementary or noncompetitive bid.
5. \_\_\_\_\_, its affiliates, subsidiaries, officers, directors and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as follows:

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I state that \_\_\_\_\_ understands and  
(Name of Firm)

Acknowledges that the above representations are material and important and will be relied on by the City of Flint, Department of Purchases and Supplies in awarding the contract(s) for which this bid is submitted. I understand and my firm understands that misstatement in this affidavit is and shall be treated as fraudulent concealment from the City of Flint, Department of Purchases and Supplies of the true facts relating to the submission of bids for this contract.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed Name)

\_\_\_\_\_  
(Position / Job Title)

EXHIBIT C

BID CERTIFICATION FORM

**THIS PAGE MUST BE COMPLETED AND INCLUDED WITH THE BID**

The undersigned hereby certifies, on behalf of the respondent named in this Certification (the "Respondent"), that the information provided in this offer submitted to the City of Flint, Department of Purchases and Supplies is accurate and complete, and that I am duly authorized to submit same. I hereby certify that the Respondent has reviewed all documents and requirements included in this offer and accept its terms and conditions.

Company (Respondent): \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City, State & Zip Code: \_\_\_\_\_

Phone / Fax Number: \_\_\_\_\_

Email: \_\_\_\_\_

Authorized Representative: \_\_\_\_\_

(Printed)

\_\_\_\_\_  
(Signature)

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EXHIBIT D

LIST OF SUBCONTRACTORS

Herewith is the list of Subcontractors referenced in the Bid submitted by:

---

(Bidder)

City of Flint, Department of Purchases and Supplies  
(Owner)

dated \_\_\_\_\_

The following work will be performed (or provided) by the following Subcontractors, and coordinated by us:

SECTION OF WORK	SUBCONTRACTOR'S NAME

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EXHIBIT E

LIST OF SUPPLIERS

Herewith is the list of Suppliers referenced in the Bid submitted by:

---

(Bidder)

City of Flint, Department of Purchases and Supplies  
(Owner)

dated \_\_\_\_\_

The following work will be performed (or provided) by the following Suppliers, and coordinated by us:

SECTION OF WORK	EQUIPMENT NAME	SUPPLIER'S NAME

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EXHIBIT F  
PROJECT REFERENCES

Herewith is the list of Project References referenced in the Bid submitted by:

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(Bidder)

City of Flint, Department of Purchases and Supplies  
(Owner)

dated \_\_\_\_\_

The following work will be performed (or provided) by the following Project References, and coordinated by us:

<b>PROJECT</b>	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	

Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	

EXHIBIT G  
OWNERSHIP STATEMENT

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OWNER	-	City of Flint, Department of Purchase and Supplies
ENGINEER	-	City of Flint or their designee
PROJECT	-	<i>Northwest Pump Station Flow Diversion</i>

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**ARTICLE 1**

- 1.1 If the Bidder is a corporation, partnership, limited partnership, limited liability corporation, limited liability partnership or a subchapter S corporation, the Bidder, in compliance with P.L. 1977, Chapter 33, shall submit, with the Bid, the following statement setting forth the names and addresses of all stockholders or individual partners who own ten percent (10%) or more of its stock or interest. If one or more such stockholder or partner is itself a corporation, partnership, limited partnership, limited liability corporation, limited liability partnership or a subchapter S corporation, the stockholders holding ten percent (10%) or more of that corporation's stock, or the individual partners owning ten percent (10%) or greater interest in that partnership, as the case may be, shall also be listed.

IF NONE, SO STATE

INDIVIDUAL

ADDRESS

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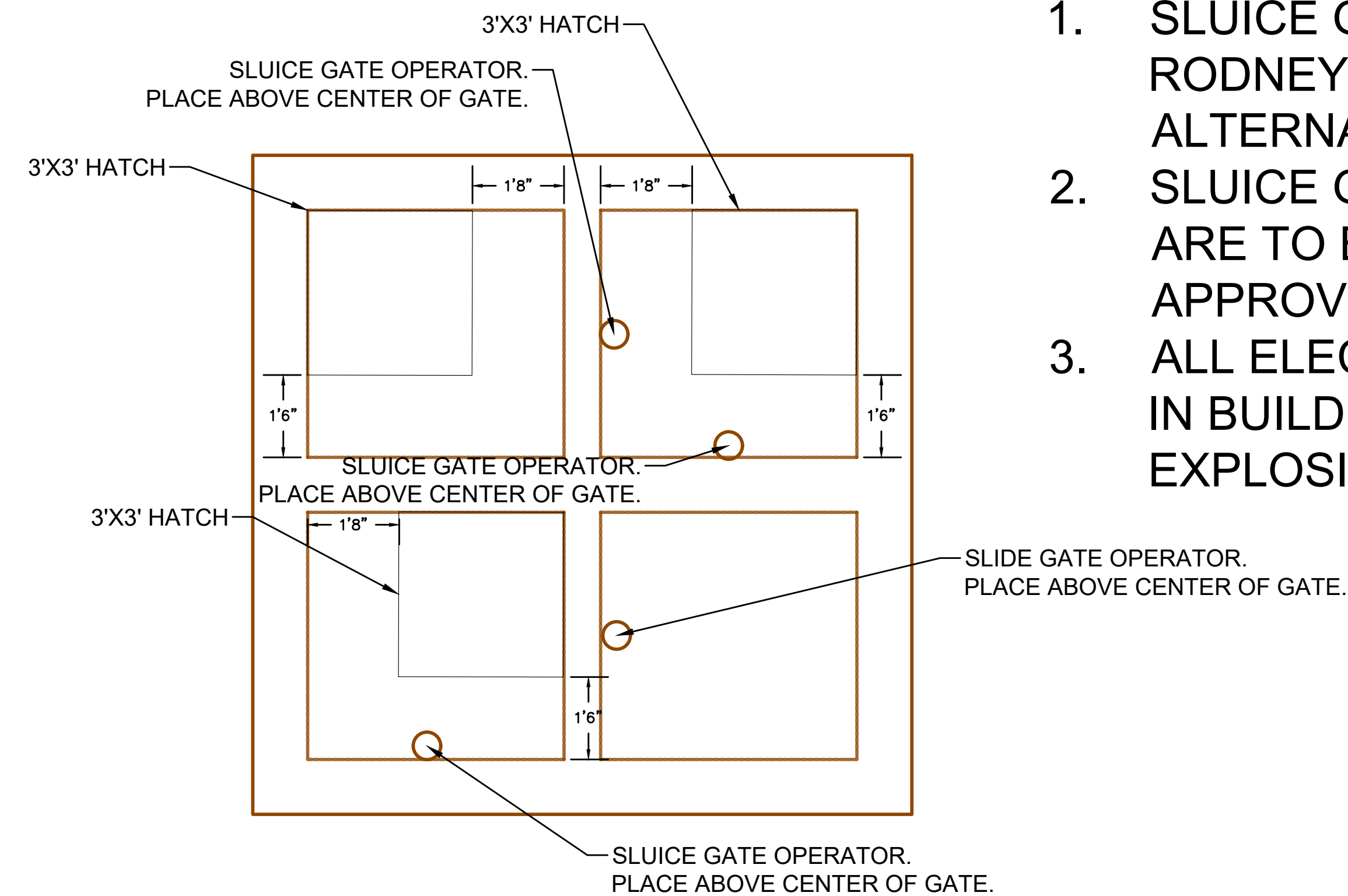
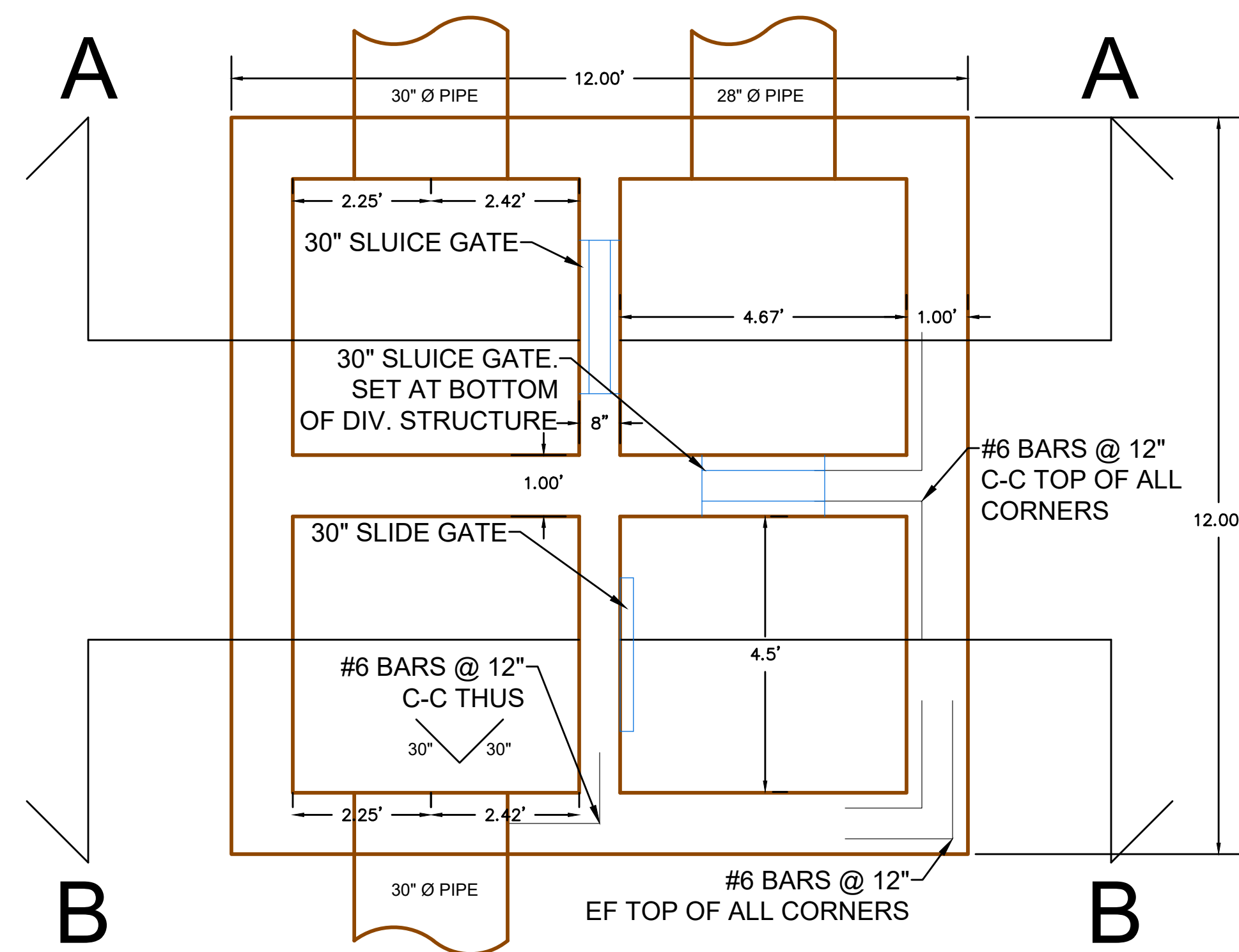
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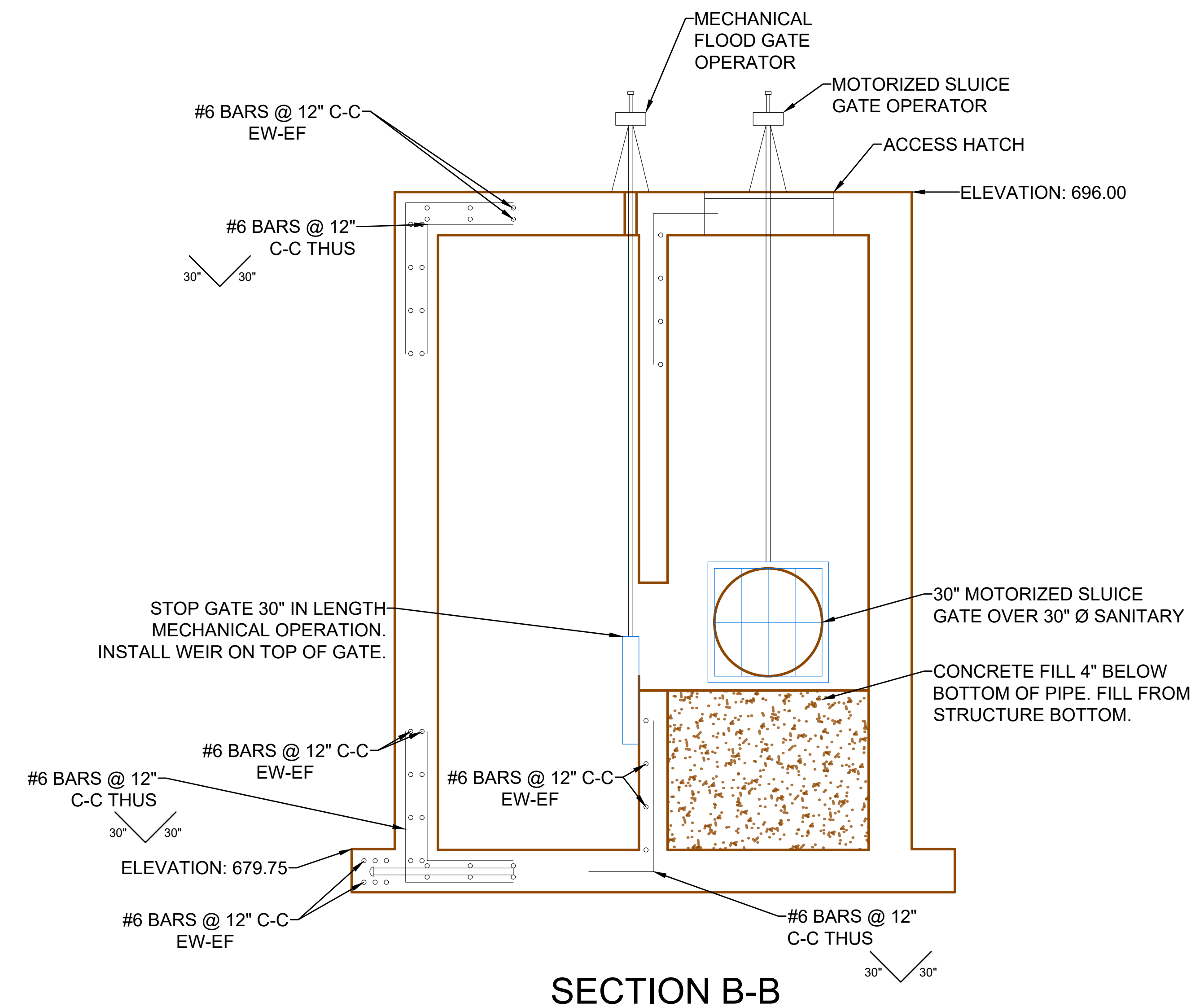
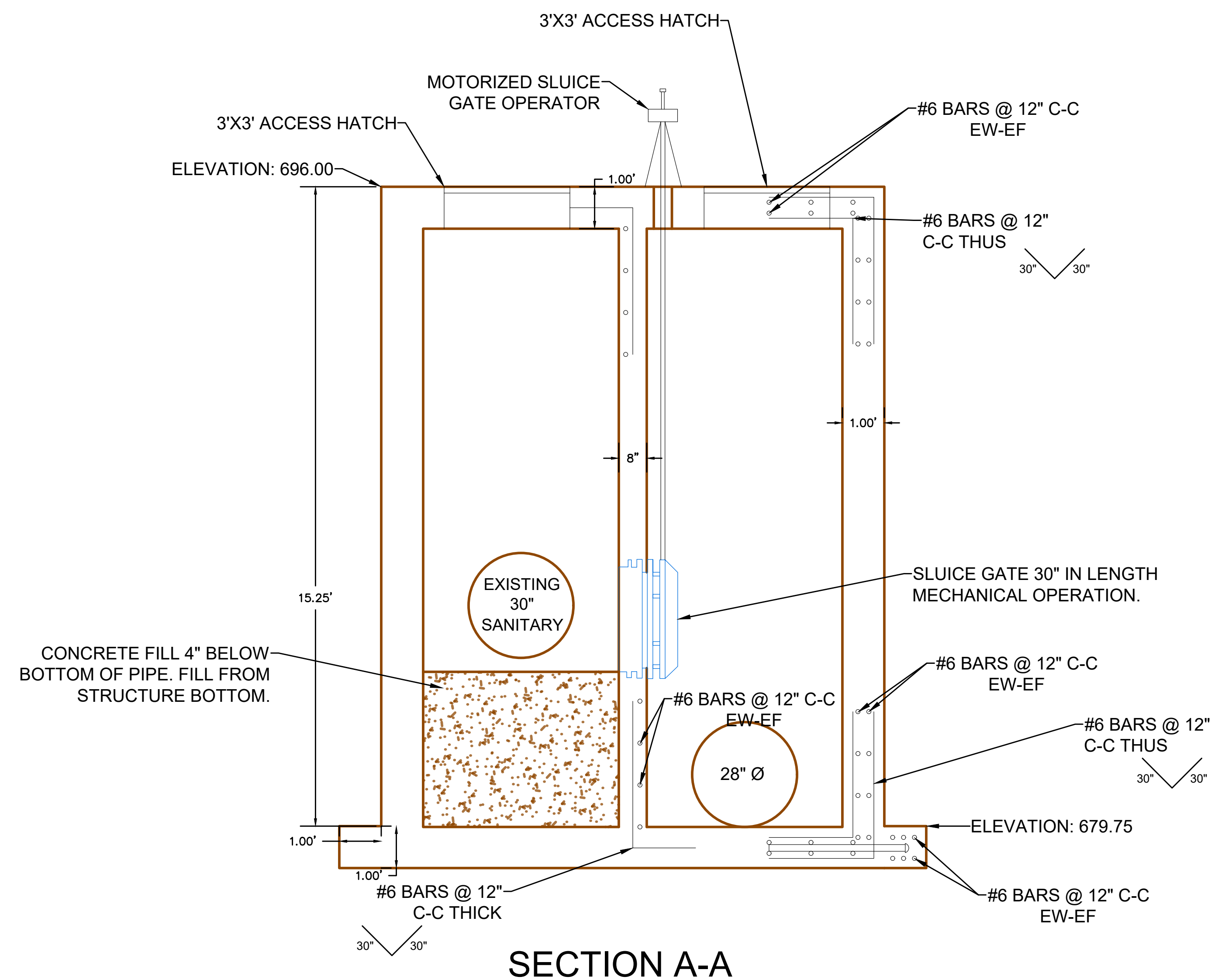
NOTE: ADDITIONAL SHEETS CONSISTING OF      PAGES ARE ATTACHED.


END OF SECTION

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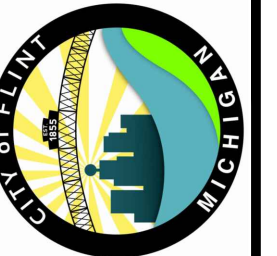


1. SLUICE GATES ARE TO BE RODNEY HUNT OR APPROVED ALTERNATE.
2. SLUICE GATE OPERATORS ARE TO BE RODNEY HUNT OR APPROVED EQUAL
3. ALL ELECTRICAL EQUIPMENT IN BUILDING IS TO BE EXPLOSION PROOF.



**811**  **3 FULL WORKING DAYS  
BEFORE YOU DIG CALL**  
Know what's below  
Call before you dig  
**MISS DIG System, Inc.**  
1-800-482-7171 [www.missdig.org](http://www.missdig.org)

UTILITY LOCATIONS ARE NOT  
CONFIRMED. THOSE SHOWN  
WERE OBTAINED FROM  
UTILITY OWNERS OR PLANS.  
THREE FULL WORKING DAYS  
PRIOR TO BEGINNING WORK  
THE CONTRACTOR SHALL  
NOTIFY UTILITY OWNERS TO  
HAVE WORK AREA STAKED  
AND HE SHALL PROTECT OR  
HAVE RELOCATED, AS NOTED  
IN THE SPECIFICATIONS, ALL  
UTILITIES THAT MIGHT  
INTERFERE WITH  
CONSTRUCTION.



City of Flint  
1101 S. Saginaw Street  
Flint, Michigan 48502

## Division Chamber Details

**BDZ**  
 ARCHITECTURE • ENGINEERING • PLANNING  
 SURVEYING • CONSTRUCTION SERVICES

INNOVATIVE IDEAS  
 EXCEPTIONAL DESIGN  
 UNMATCHED CLIENT SERVICE

[illegible]

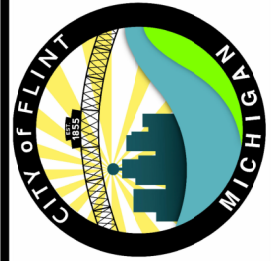
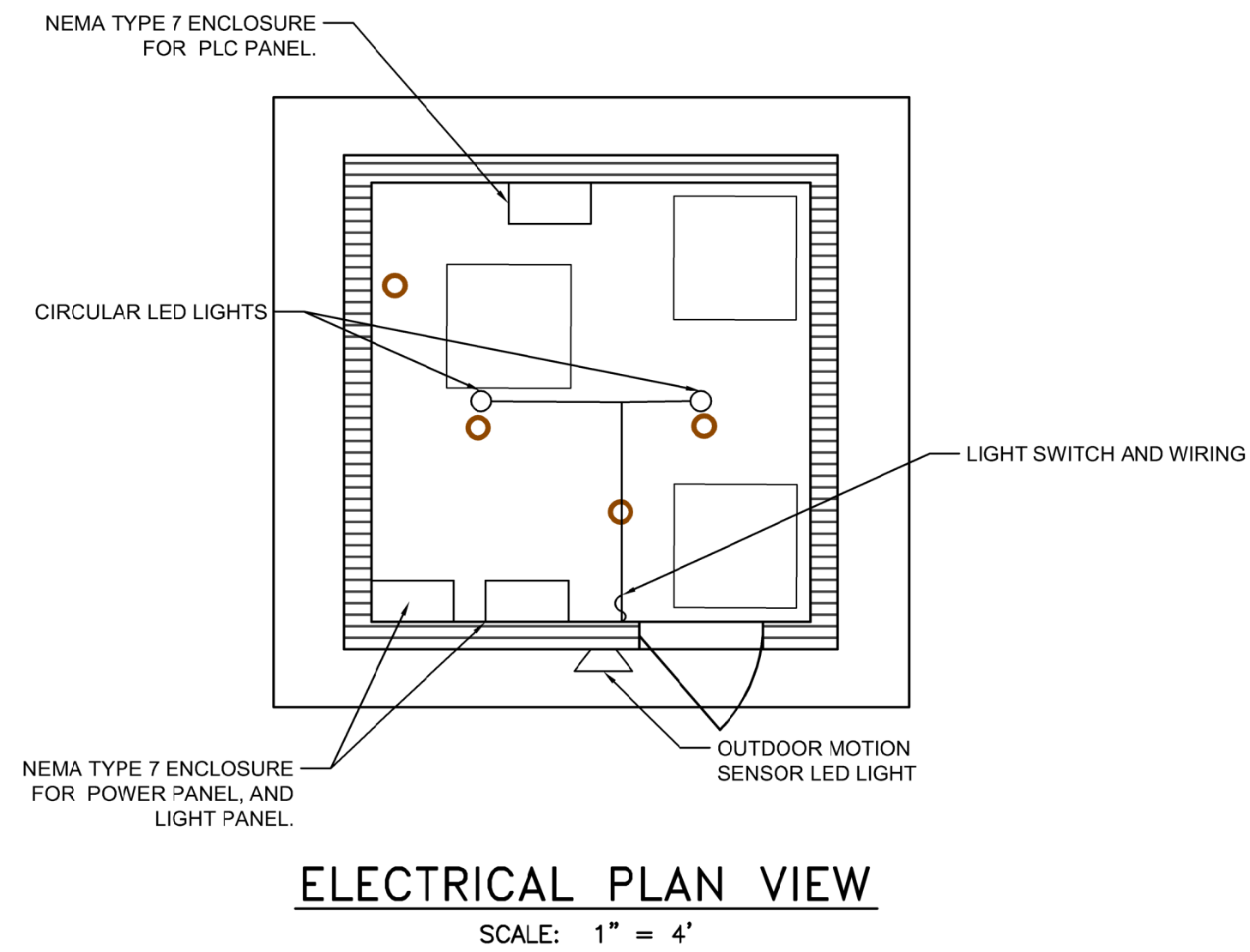
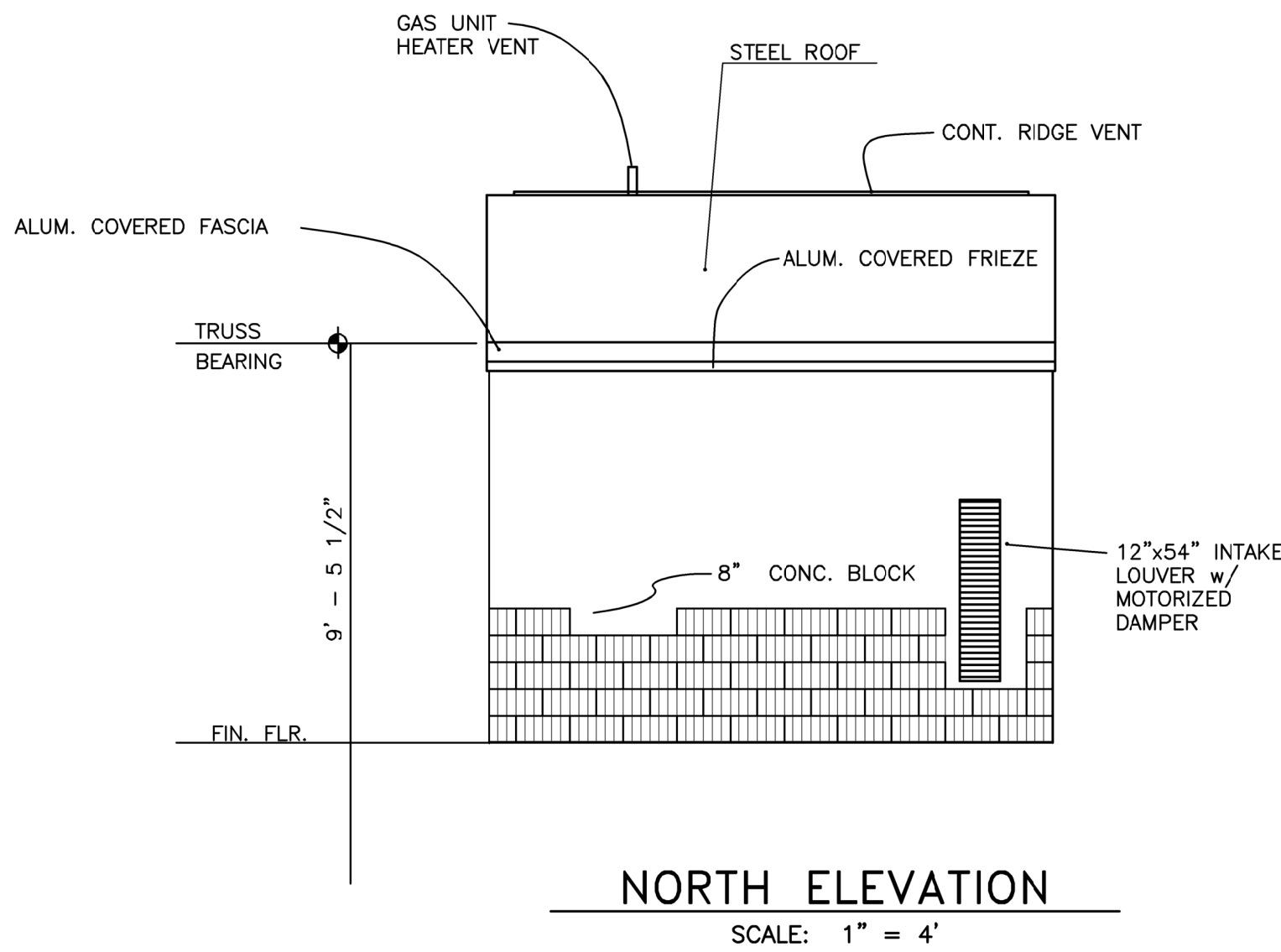
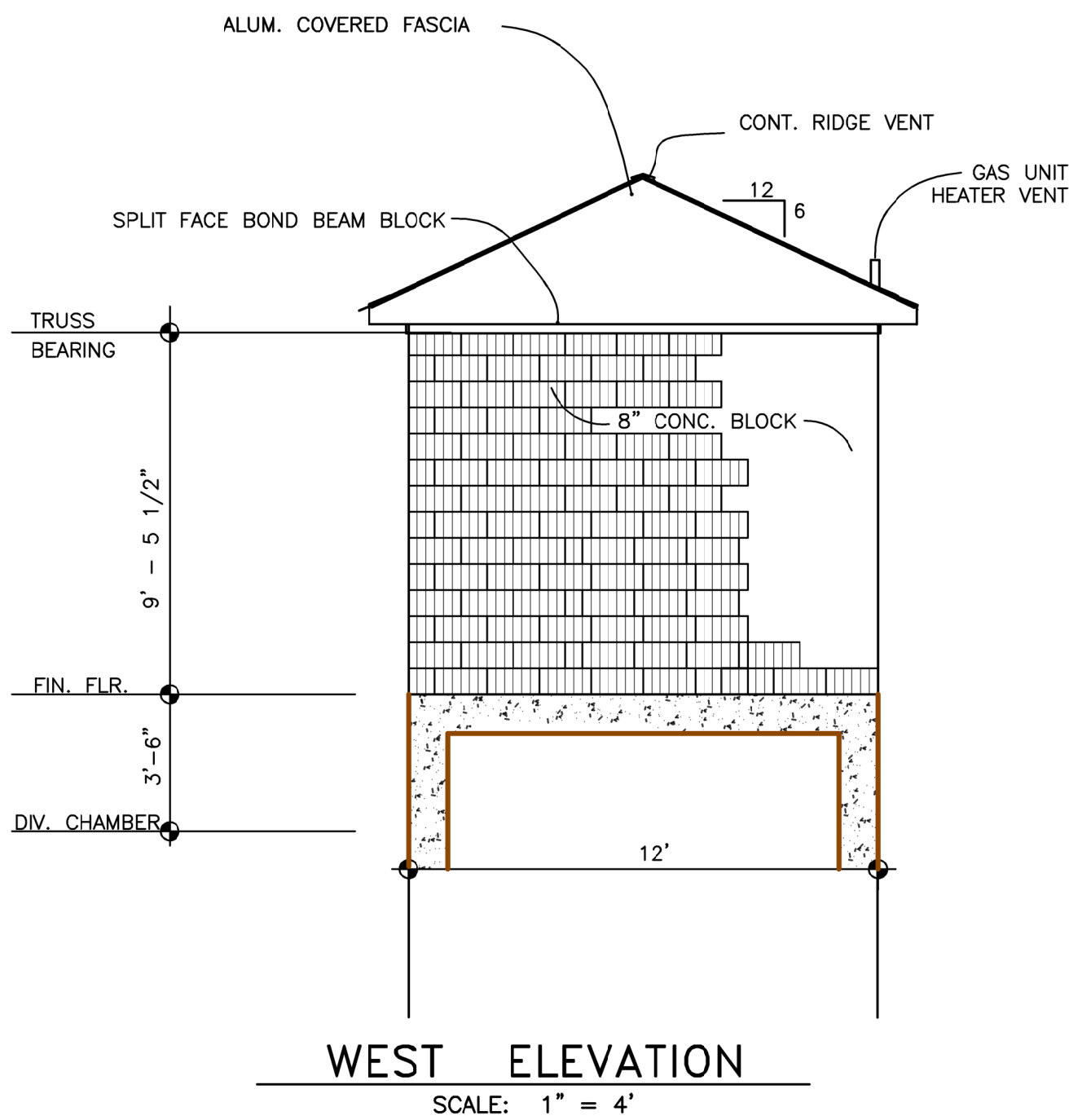
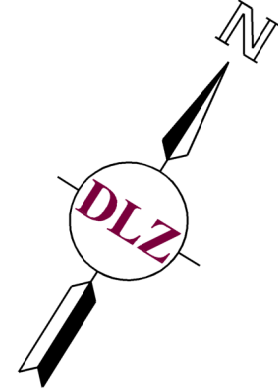
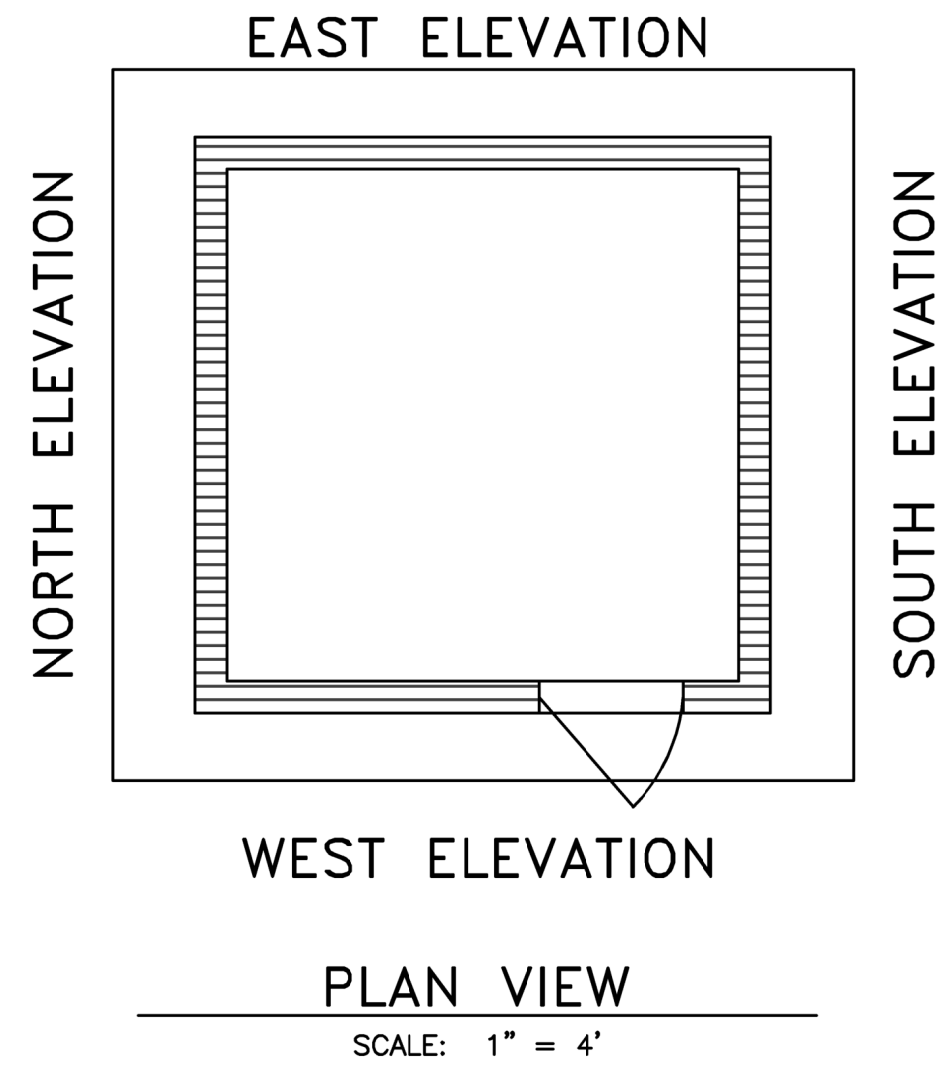
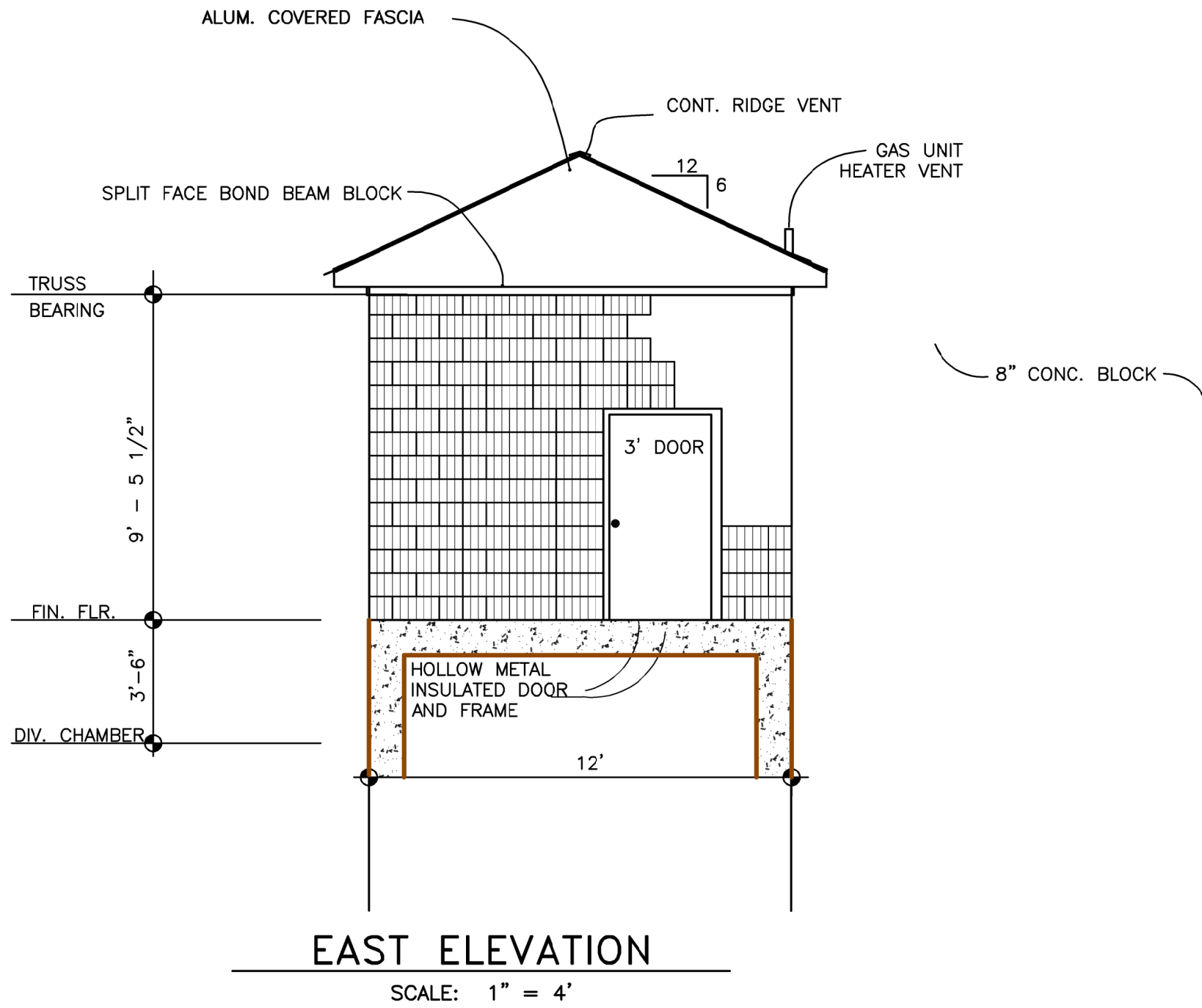
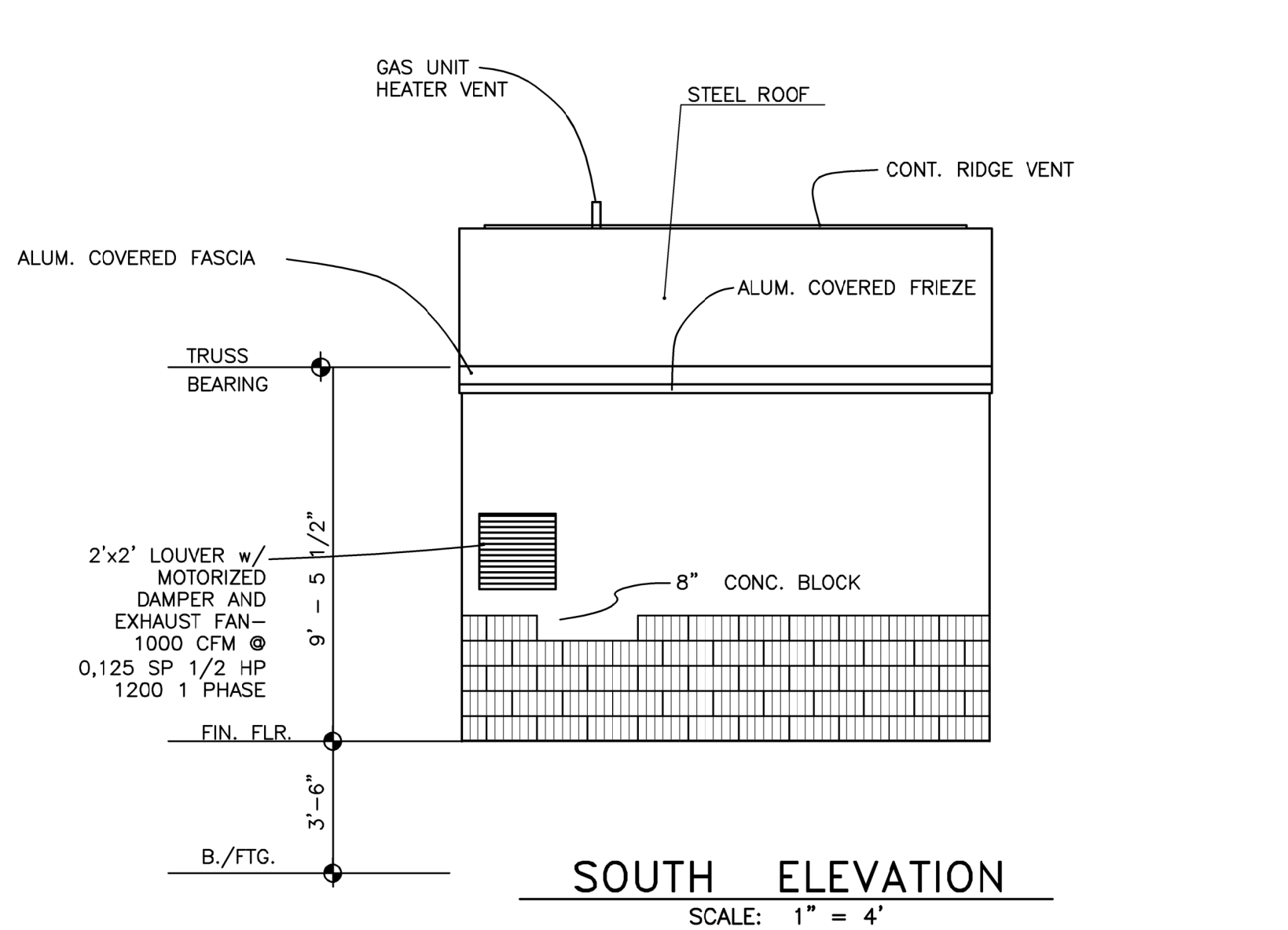
DRAWN BY: BSW  
DESIGN BY: GJG  
CHECKED BY: GJG

DB NUMBER: 1949-6935-00

SHEET NO.

C-104





City of Flint  
1101 S. Saginaw Street  
Flint, Michigan 48502

Architectural Notes  
Northwest Pump Station Division  
Flushing Road  
Flint, Michigan

MARK	ISSUED FOR	DATE
	EGLS SUBMITTAL	2/14/2020
	BID SUBMITTAL	5/26/2020
	ADDENDUM #2	6/11/2020
-		-
-		-
-		-
-		-
-		-
-		-
-		-

DRAWN BY: BSW  
DESIGN BY: G/JG  
CHECKED BY: G/JG

JOB NUMBER: 1949-6935-00

SHEET NO.

A-101

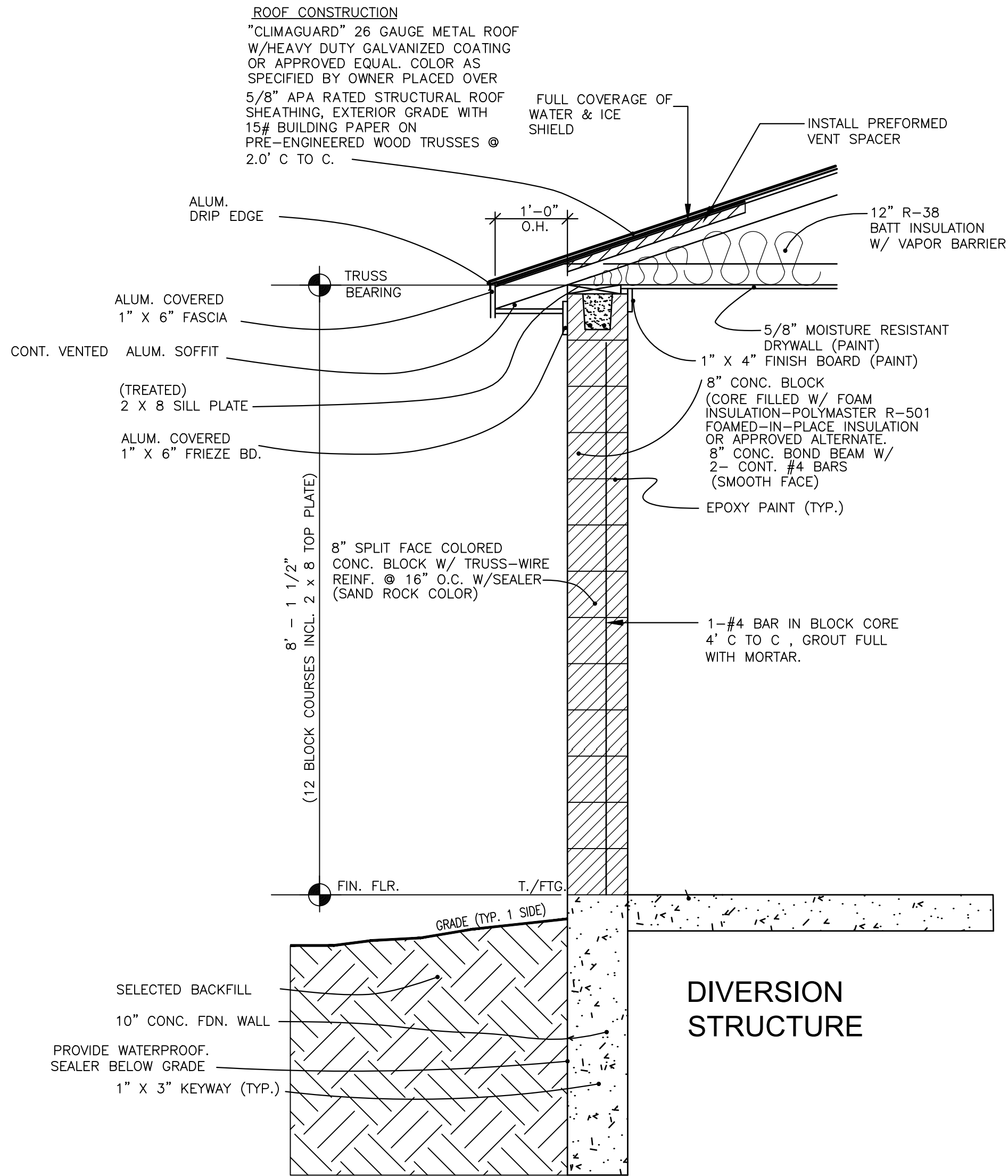
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INNOVATIVE IDEAS  
EXCEPTIONAL DESIGN  
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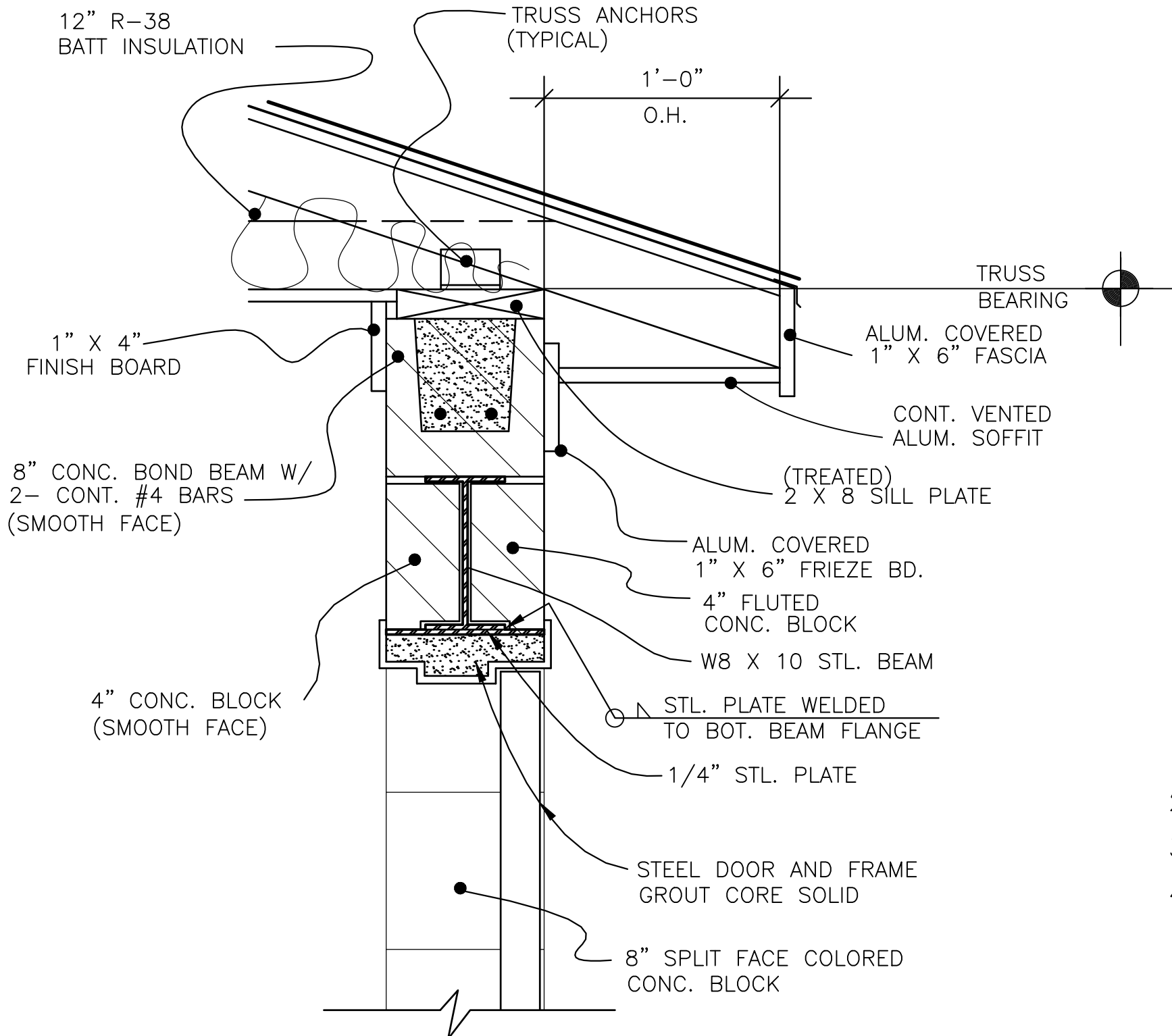
GENERAL CONSTRUCTION NOTES :

1. COMPACTION OF ORIGINAL GROUND - IN ALL AREAS ON WHICH A STRUCTURE IS TO BE BUILT, ALL TOPSOIL SHALL BE REMOVED FROM THE AREA OF STRUCTURE AS SHOWN ON THE PLANS. ALL UNSOUND MATERIAL UNDERLYING THE PROPOSED STRUCTURE FOOTINGS AND SLAB SHALL BE REMOVED AND REPLACED WITH CLASS II MATERIAL (MDOT) IN LAYERS NOT EXCEEDING 6" IN DEPTH AND COMPACTED TO 100% OF MAXIMUM UNIT WEIGHT.
2. SNOW LOADING AT 60 PSF.
3. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4,000 PSI AT 28 DAYS.
4. STEEL REINFORCEMENT YIELD STRESS AT 60,000 PSI.
5. HIGH STRENGTH CONCRETE BLOCK SHALL CONFORM TO ASTM C90.
6. MORTAR SHALL BE TYPE M.
7. ALL LOUVERS AND DOORS SHALL BE PAINTED COLOR EVERGREEN 875.
8. SITE WORK: CONNECT ELECTRIC TO THE PROPOSED STRUCTURE.
9. CONCRETE: ALL CONCRETE FOOTINGS AND INTERIOR SLABS TO BE REINFORCED WITH STEEL SLABS SHALL BE 4000# LIMESTONE AGGREGATE. REINFORCING AS SHOWN. CONCRETE TO BE 4000#.
10. MASONRY: ALL EXTERIORS ARE SPLIT FACE BLOCK ALL MASONRY SET IN STANDARD MORTAR TYPE M. SAND ROCK COLOR.
11. CARPENTRY: ROUGH FRAMING LUMBER TO BE HEMLOCK, FIR, OR SPRUCE CONSTRUCTION GRADE. WHITE PINE OR EQUAL SHALL BE USED FOR ALL INTERIOR TRIM TO BE PAINTED OR STAINED.
12. DOORS & FRAMES: ALL DOORS TO BE STEEL. DOOR FRAMES TO BE STEEL AND GROUTED FULL. HARDWARE TO BE LEVER TYPE PICK RESISTANT WITH SPECIAL PIN TUMBLERS AND SECURITY COVER. PROVIDE HEAVY DUTY DOOR CLOSURE AND HINGES.
13. DO NOT SCALE DRAWINGS!!!! ALL NECESSARY DIMENSIONS ARE SHOWN.
14. WINTERIZING: PLUMBER TO INSTALL ADEQUATE PIPE FITTINGS FOR EASE OF PIPE WINTERIZING.
15. ALL PENETRATIONS OF THE WALL ARE TO BE SEALED TO PREVENT LOSS OF BLOCK INSULATION.
16. ROOF TRUSSES SHALL BE DESIGNED AND SEALED BY AN ENGINEER LICENSED TO PRACTICE IN THE STATE OF MICHIGAN. SHOP DRAWINGS FOR THE TRUSSES SHALL BE SUBMITTED FOR APPROVAL WITH THE ENGINEERS SEAL AND DESIGN CALCULATIONS ATTACHED.



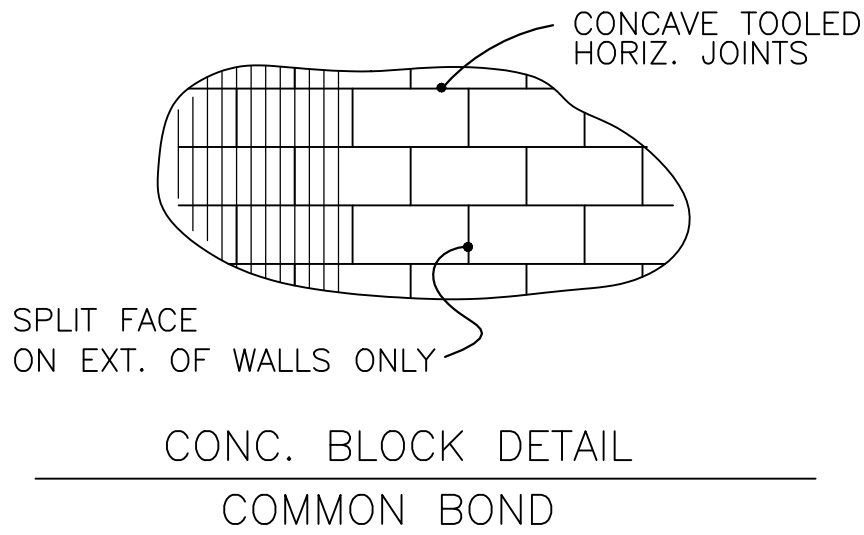
**TYPICAL WALL SECTION**  
NO SCALE

1  
A-02



**DETAIL**  
NO SCALE

2  
A-02



**LINTEL SCHEDULE**

1	8' OVERHEAD DOOR	10' MINIMUM LENGTH
2	3' PERSONAL DOOR	5' MINIMUM LENGTH
3	2' LOUVER	4' MINIMUM LENGTH
4	1' LOUVER	4' MINIMUM LENGTH



City of Flint  
1101 S. Saginaw Street  
Flint, Michigan 48502

**Architectural Notes**  
Northwest Pump  
Station Diversion  
Flushing Road  
Flint, Michigan

MARK	ISSUED FOR	DATE
	EGLE SUBMITTAL	2/14/2020
	BID SUBMITTAL	5/26/2020
	ADDENDUM #2	6/11/2020
-		-
-		-
-		-
-		-
-		-
-		-
-		-

DRAWN BY: BSW  
DESIGN BY: GJG  
CHECKED BY: GJG

JOB NUMBER: 1949-6935-00

SHEET NO.

A-102

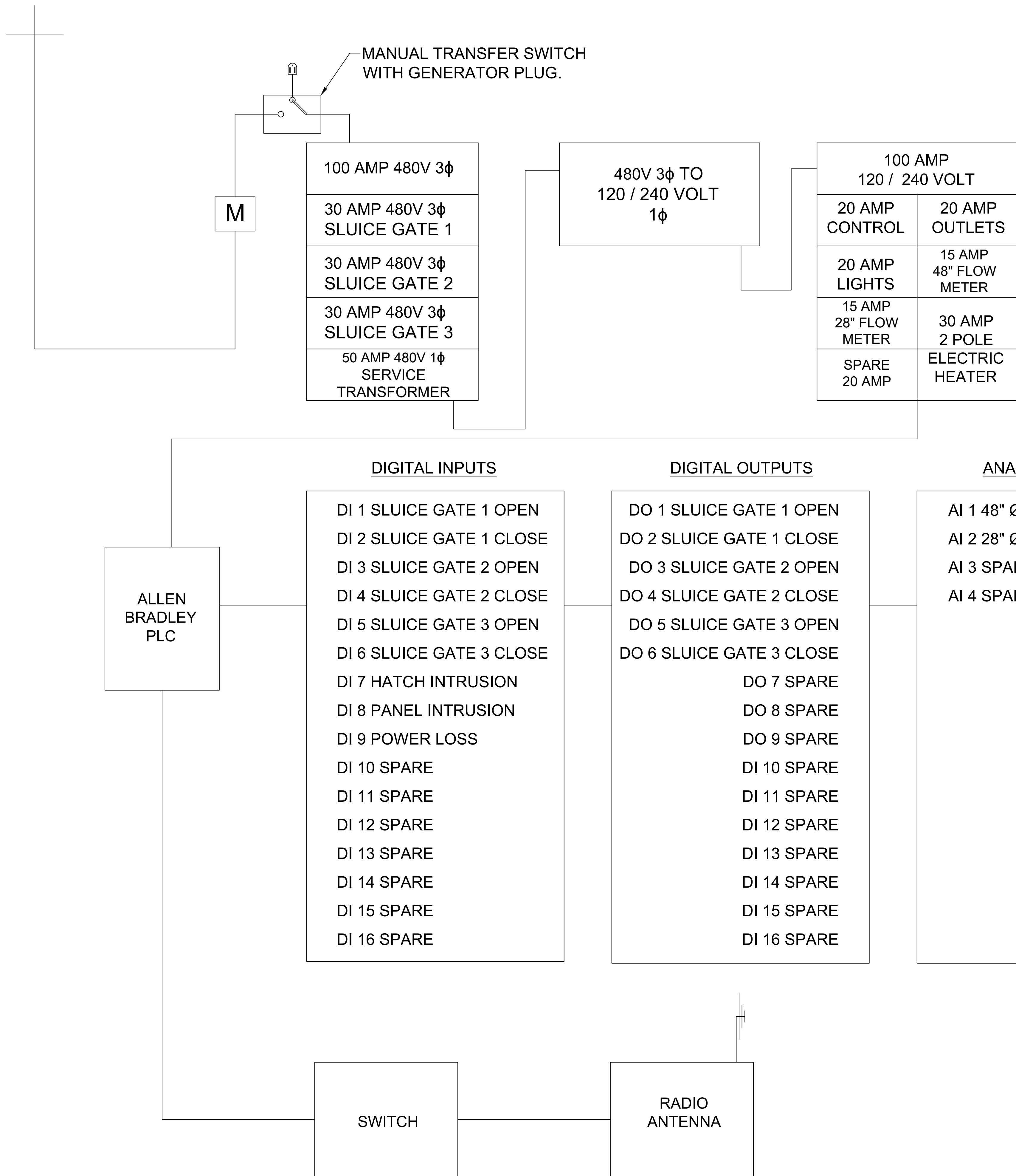
811  
3 FULL WORKING DAYS  
BEFORE YOU DIG CALL  
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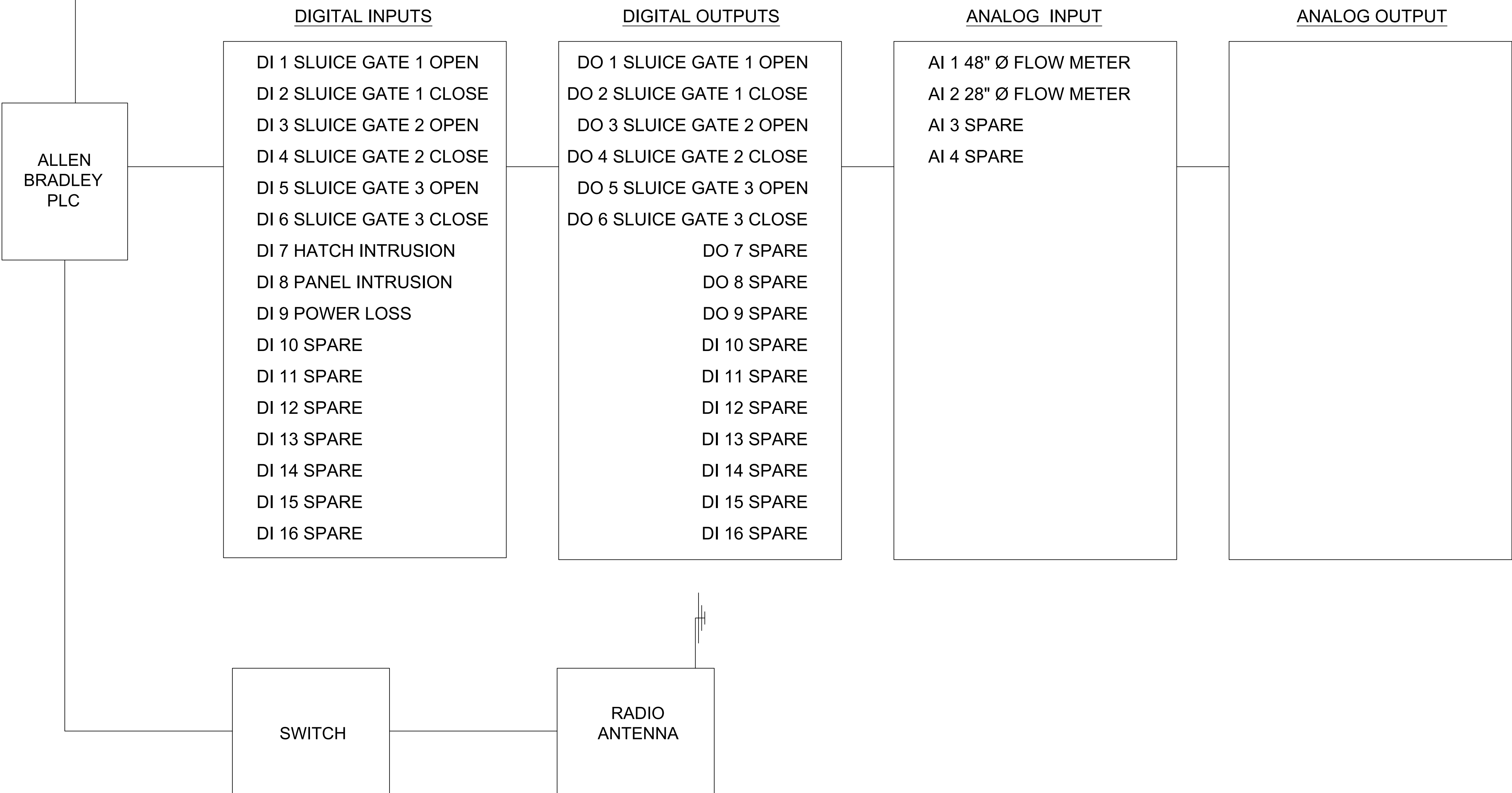
**WARNING**  
UTILITY LOCATIONS ARE NOT  
GUARANTEED. THESE SHOWN  
WERE OBTAINED FROM  
UTILITY OWNERS OR PLANS  
THREE FULL WORKING DAYS  
BEFORE YOU DIG CALL. THE  
CONTRACTOR SHALL  
NOTIFY UTILITY OWNERS TO  
VERIFY LOCATIONS AND  
PROTECT PRIOR TO  
CONSTRUCTION. ALL  
HAVE RELOCATED, AS NOTED  
IN THE SPECIFICATIONS. ALL  
CONSTRUCTION SHALL  
INTERFERE WITH  
CONSTRUCTION.





PLC TO BE ALLEN BRADLEY COMPACT LOGIX L2 W/ EMBEDDED I/O.

ALL ELECTRICAL IN THE DIVERSION STRUCTURE BUILDING ARE TO BE EXPLOSION PROOF.



SCALE: VERT. -  
HORZ. 1" = xx'

811

3 FULL WORKING DAYS  
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WARNING

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HAVE RELOCATED, AS NOTED  
IN THE SPECIFICATIONS. ALL  
CONSTRUCTION SHALL  
INTERFERE WITH

City of Flint  
1101 S. Saginaw Street  
Flint, Michigan 48502

Electrical Design  
Northwest Pump  
Station Diversion

Flushing Road  
Flint, Michigan

MARK

ISSUED FOR

DATE

-

EGLE SUBMITTAL

2/14/2020

-

BID SUBMITTAL

5/26/2020

-

ADDENDUM #2

6/11/2020

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DRAWN BY: BSW  
DESIGN BY: GJG  
CHECKED BY: GJG

JOB NUMBER: 1949-6935-00

SHEET NO.  
  
E-101



## **ADDENDUM #2**

**City of Flint**

**Northwest Pump Station Flow Diversion**

**P20-572**

**June 11, 2020**

### **Clarifications and additional information**

1. The unit heater shall be equal to Ultra-Safe EXP 5 KW 240 volt 1 phase Model 233-FA-0056J Explosion Proof.
2. The interior lights shall be equal to Super Bright LED.com 60 W LED explosion proof 120 volt model EPLS-50K60wg-PBGN.
3. Exterior wall pack light shall be equal to Lithonia TWR1 LED.
4. Add Exit/Emergency Light equal to Lithonia LHXC.
5. An alternate bid item is being added to allow for Fusible PVC pipe for the diversion sewer. The fusible PVC shall be 24 inch diameter DR11.

# **AGENDA**

## **City of Flint**

### **Northwest Pump Station Improvements P20-571**

#### **And**

### **Northwest Pump Station Diversion P20-572**

**9:00 am Local Time, June 2, 2020 VIA Zoom**

1. Introductions
  - a. City of Flint – Owner
  - b. EGLE – State of Michigan – SRF
  - c. DLZ – Engineer
2. Project Requirements
  - a. City of Flint
    - i. City of Flint form must be completed and submitted with bid
  - b. EGLE Requirements
    - i. State and Federal Forms located in Appendix C to be completed and submitted with bid
    - ii. Davis-Bacon in affect for this project
3. Description of projects
  - a. Northwest Pump Station Improvements
    - i. Three new Flygt 3301 pumps
    - ii. New piping and valves in drywell
    - iii. New 48 inch sluice gate
    - iv. Modified/new Allen Bradley Drives
    - v. New roof
    - vi. New drywell exhaust fan and ductwork
    - vii. New mag flow meters
    - viii. Slip line one existing 24 inch forcemain
    - ix. Bypass pumping for sludge dewatering and tank drain
    - x. Cleaning and painting
  - b. Northwest Pump Station Diversion
    - i. Directional drilled HDPE 28 inch IPS
    - ii. New manhole over existing 8.5 foot diameter tunnel
    - iii. New diversion structure with 3 sluice gates
    - iv. Teo area velocity flow meters
    - v. Small building with electrical
    - vi. New electrical service

4. Project coordination
  - a. The Northwest pump station improvements can not physically start until the Northwest pump station diversion is placed in service. The diversion will divert sanitary sewage flows from the City to the existing tunnel allowing the pump station to be shut down.
  - b. Several other improvement projects are scheduled at the Wastewater facility and a list will be provided in the Addendum
5. Questions are to be submitted in writing to Greg Gucwa at ( [ggucwa@dlz.com](mailto:ggucwa@dlz.com)) via email until close of business June 8, 2020. An addendum will be issued by June 11, 2020 to include the pre-bid meeting minutes, and answers to questions and clarification to the project documents.
6. Project completion Dates:
  - a. Northwest Pump Station Improvements – Substantial Completion July 30, 2021 Final August 30, 2021
  - b. Northwest Pump Station Diversion – Substantial Completion December 31, 2020 Final February 1, 2021
  - c. Liquidated Damages Substantial Completion - \$ 1000/day, Final Completion - \$500/day
7. Owner Comments
8. EGLE Comments
9. Contractor Comments
10. Set up schedule for contractors to visit the site

## Northwest Pump Station Diversion

### ADDENDUM NO. 2 (6-11-2020)

THIS IS AN ADDENDUM

TO PROSPECTIVE BIDDERS AND OTHERS CONCERNED:

This addendum amends or supplements the Procurement Section, Drawings and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

The terms used in this Addendum have the meanings stated in the General Conditions. Additional terms used in this Addendum have the meanings stated below, which are applicable to both the singular and plural thereof.

#### I. PROCUREMENT

##### A. The following new submittal guidelines are:

The contractor will still have to email the bids into [purchasingbids@cityofflint.com](mailto:purchasingbids@cityofflint.com).

The contractor will be able to drop off the hard copies to City hall. As City hall is still closed they **MUST** follow the following procedure.

1. Have only one person drop off the bids at City hall.
2. Call Joyce McClane at 810-397-9649 and coordinate with her a time for bid drop off and you will receive instructions on where to meet at City hall.
3. Must practice social distancing guidelines.
4. Must wear a mask.

The email portion and the hard copy are due at the same time as originally proposed.

##### B. Delete bid form section number 00 41 13 and add new bid form 00 41 13 addendum #2.

#### II. DRAWINGS

##### A. C-104

- i. Added new drawing of the top slab for the diversion structure. It shows the position of the hatches.
- ii. Added dimensions for the existing drawings.
- iii. Added sluice gates to the plan view for clarification.
- iv. Fixed error on the sluice gate operator note.

##### B. A-101

- i. Added new electrical diagram drawing. Shows the position of the lights and the electrical enclosures.
- ii. Added the diversion structure under the buildings shown.

##### C. A-102

- i. Fixed the Typical wall section drawing to reflect the diversion structure being under the building.

##### D. E-101

- i. Fixed the Sheet No. to correctly identify as E-101.
- ii. Changed the comment on the building heater and added new plugs.
- iii. Added a comment that all electrical in the building must be explosion proof.

#### III. CONTRACT DOCUMENTS

##### A. ADDENDUM DOCUMENTS

1. Pre-Bid Agenda
2. Pre-Bid Sign in Sheet
3. Pre-Bid Meeting Minutes
4. Questions and Answers from Contractors
5. Attachment with Clarifications

Prospective bidders shall attach this Addendum page to their proposal and shall sign the Addendum and submit same with bid and shall enter Addendum Number and date on the Bid Form. Failure to include signed Addendum with bid proposal shall be cause for rejection of bid.

\_\_\_\_\_  
(Bidder)

By: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_

## MEETING MEMORANDUM

**MEETING DATE:** 6/2/2020 **DATE:** 6/11/2020  
**CLIENT:** West Bloomfield Township **WRITTEN BY:** Greg Gucwa  
**PROJECT:** Northwest Pump Station Rehabilitation and Flow Diversion  
**PROJECT #:** 1849-0706-00 & 1949-6935-00

**LOCATION OF MEETING:** DLZ Waterford Office

**PURPOSE OF MEETING:** Pre-Bid meeting: June 2<sup>nd</sup> Online Zoom Meeting

### ATTENDED BY:

Rob Bincsik, City of Flint Public Works Director	Greg Gucwa, DLZ Professional Engineer	Eric Pocan, EGLE Regional Manager
Brendan Wrobel, DLZ Civil Engineer	Brian Bachler, DLZ Civil Engineer	Yadong Dong, DLZ Civil Engineer
John Florshinger, City of Flint Supervisor	Jeanette Best, City of Flint WPC Manager	Joyce McClane, City of Flint Purchase Agent
Jason Axelson, Weiss Contractor	Blake Zapczynski, Z-Contractors Contractor	Mike Gaffke, J R Heineman Contractor
Sue Bazen, Underground Solutions Contractor	Ryan Sly, Sorensen Gross Contractor	Lynn Natzic, Reliance Contractor
Brett Lara, Spence Brothers Contractor	Sabrina Byers, Lasalle Contractor	

### DISCUSSION:

Mr. Gucwa introduced himself and welcomed everyone to the Pre-Bid meeting for the Northwest Pump Station Rehabilitation and Flow Diversion Projects.

### Rates, State, and Federal Requirements

Mr. Gucwa told the bidders they are required to fill out the Federal and State documents for the projects. The documents are in the appendix that is in the back of the specification book. Particularly, the Davis-Bacon Federal wage rates were mentioned because they are the minimum required to pay the workers.

Eric Poca from EGLE also mentioned the documents required by the State and EPA. He mentioned at least 3 DBEs (Disadvantaged Business Enterprises) are required Good Faiths Efforts. If the bidder does not know any DBEs, then they can post an Ad. MDOT has more information on where to look for DBEs.

#### Project Discussion

Mr. Gucwa went into discussing the Northwest Pump Station Rehab project first. The project is a downsizing of the site to handle less flow than originally planned. However, the station will also be receiving a rehab of both the interior and exterior of the building. Mr. Gucwa went through important sections of the plans to show the new pumps that are being proposed and the pictures of the existing site.

Mr. Gucwa then discussed the Flow Diversion part of the project. This project is important to complete first because the current flow of the pump station needs to be diverted to the 8' diameter tunnel. Mr. Gucwa showed the plans to the bidders and explained the key aspects of the project like the new building and the connection to the tunnel.

Additionally, the contractor will need to coordinate with other projects that may potentially delay these projects. This includes the grit chamber aeration basin rehabilitation. A bypass will also be required during the Pump Station Rehab. The pump must meet a 200-250 GPM max capacity.

Site visits are available, the days after the pre-bid meeting or with an appointment if the bidder contacts the city. 10 people max per tour.

#### Addendums

Mr. Gucwa stated that he is aware of certain issues that need to be updated in an addendum. The addendum is set to be sent on Thursday June 11<sup>th</sup>, 2020. The addendum will include answers to questions that the contracts have sent in email to Greg Gucwa at [ggucwa@dlz.com](mailto:ggucwa@dlz.com). Last call for

---

questions is on Monday June 8<sup>th</sup> at the end of the workday. There were no questions or comments at the meeting that will appear on the addendum.

Dates and Bid opening.

Bids will be due on the 18<sup>th</sup> of June at City hall.

**ACTION ITEMS:**

No.	Description	Responsibility	Due Date
1.	Bidder's Last call for Questions	Bidder	6/8/2020
2.	Addendum #1	DLZ	6/11/2020
3.	Bid Due Date	Bidder	6/18/2020

The foregoing constitutes our understanding of matters discussed and conclusions reached. Please review these items and advise the undersigned, in writing and within five (5) business days, of any errors or omissions.

**CC:**

**DLZ REPRESENTATIVE**

Those in attendance

Greg Gucwa, PE  
Senior Project Manager

X:\Projects\GFL\2019\1949\693500 Flint NWPS Flow Di\05\_Bidding\Pre-Bid Meeting\NWPS And Diversion Meeting Minutes.Docx



## Questions from Contractors

### Reliance

*Has the existing paint been tested for lead? Is there asbestos in the building? Would an allowance for hazardous materials removal be appropriate?*

The building is assumed to have lead paint and asbestos in the roof. No testing has been completed. The contractor is to account for the lead and Asbestos Abatement in their bid.

*What is the engineer's estimate for the NW Pump Station Improvements P20-571 project?*

Engineers estimate is \$1.78 Million.

*Having the final proposal on a thumb drive to be turned in at the time of the bid is logistically daunting. Can this be emailed (with the hard copy delivered in person)? As you know the pricing is usually in flux until the last minute. We want to give the lowest possible bid amount.*

New guidelines below have been provided on how to submit bids.

The contractor will still have to email the bids into [purchasingbids@cityofflint.com](mailto:purchasingbids@cityofflint.com). When emailing make sure the total file sizes being sent is less than 15 MB.

The contractor will be able to drop off the hard copies to City hall. As City hall is still closed, they **MUST** follow the following procedure.

1. Have only one person drop off the bids at City hall.
2. Call Joyce McClane at 810-397-9649 and coordinate with her a time for bid drop off and you will receive instructions on where to meet at City hall.
3. Must practice social distancing guidelines.
4. Must wear a mask

### Hamlett Environmental

*Anyway, there are no specifications for the valves (Check and Gate Valves). I was hoping you might be able to provide information on what is required for the valves.*

The specifications for gate and check valves are in specification number 40-05-23 "Common Works Valves and Valves Accessories." Additionally, make sure that the bid documents that you've downloaded are the latest. The City of Flint website has an older version posted.

*Also, I would like to submit Orbinox for consideration for the sluice gates. We could provide some competition for Rodney Hunt while also providing a very robust and reliable gate. Orbinox has manufacturing gates and other fabricated stainless valve technologies for water, wastewater, and industrial markets since the 60's. We have a number of installations locally as well as they do nationally and internationally.*

Both Orbinox, Rodney Hunt, Whipps, and Waterman are acceptable for sluice and slide gates.

*For the diversion chamber, are the operators being replaced too? I would also ask for consideration on the diversion project as well.*

A manual operator is required for the Northwest Pump Station Rehab. The three sluice gates at the diversion shall have motor operators.

#### Z-Contractors

*On sheet C-104, what is the thickness of the base of the diversion chamber, there's no scale nor dimensions?*

An updated drawing of C-104 will be provided in the Addendum. The drawing will show dimensions not provided before. As of now the thickness of the base will be 12".

*On sheet A-101, it calls out a steel roof on the building. There's no specs nor details on the roof. Please provide.*

The detail on page A-102 labeled "Typical Wall Section" shows a detailed specification for the roof construction.

*Is there any soil boring provided for this job?*

A soil boring is provided on C-102. This is an original boring from when the tunnel was being built.

#### Sorensen Gross

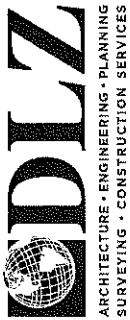
*The drawing indicates a replacement of a sluice gate. There is no description indicated in the project specs as of what manufacturers are acceptable or features it must have. Also is it just the one gate to be replaced, there are four on the drawing? We will also need to know if the gate will require a new thimble or if is bolted to the concrete.*

On sheet C-105 for the NWPS Rehab, there is only one sluice gate and operator called out to be replaced. This includes the operator and stem. Acceptable manufacturers listed under Hamlett Environmental's questions.

#### Lasalle Construction

*In the bid form it calls out **(Appendix E) – (DBE) Utilization Good Faiths Worksheet, Debarment/Suspension Certification**. Could you please guide me to where this might be? I appreciate your time.*

Appendix E is in the back of the specifications book. Please verify that you have the latest specification book. There are two versions on the City of Flint website with one being outdated. The outdated version is missing a lot of sections.



INNOVATIVE IDEAS  
EXCEPTIONAL DESIGN  
UNMATCHED CLIENT SERVICE

Client: City of Flint  
Project: Northwest Pump Station & Diversion  
Location: Zoom Meeting

Date: 6/2/2020  
Time: 9:00AM

## MEETING ATTENDANCE

Name	Initials	Organization	Email	Phone Number
Greg Gucwa	GG	DLZ Michigan, Inc.	ggucwa@dlz.com	248-834-4056
Brendan Wrobel	BW	DLZ Michigan, Inc.	bwrobel@dlz.com	248-836-4054
Brian Bachler	BB	DLZ Michigan, Inc.	bbachler@dlz.com	248-681-7800
Yadong Dong	YD	DLZ Michigan, Inc.	ydong@dlz.com	248-836-4052
Eric Pocan	EP	EGLF – Finance Division	pocane@michigan.gov	517-284-5416
Rob Bincsik	RB	City of Flint	rbincsik@cityofflint.com	
John Florshinger	JF	City of Flint	jflorshinger@cityofflint.com	
Jeanette Best	JB	City of Flint	jbest@cityofflint.com	
		City of Flint	jmcclane@cityofflint.com	
Joe Mulville	JM	Weiss Construction Company	jmulville@weiss-construction.com	313-567-4500
Dana Youmans	DY	Z Contractors, Inc.	DYoumans@z-contractors.com	586-625-8899
Blake Zapczynski	BY	Z Contractors, Inc./	bzap@z-contractors.com	586-625-8899
Mike		J R Heineman & Sons, Inc.	mike@jrheineman.com	989-399-0407
Dale		J R Heineman & Sons, Inc.	dale@jrheineman.com	989-399-0407
Lynn Natzic	LN	Reliance Building Company	Lynn@RelianceBC.com	248-374-3210
Ryan Sly	RS	Sorensen Gross Company	Rslly3@sgcs.com	810-767-4821
Sue Bazen	SB	Underground Solutions, Inc.	sbazen@aegion.com	616-856-8271

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