

**CITY OF MT. PLEASANT - 2010 INDUSTRIAL LIFT STATION REHABILITATION BID**

The Isabella Corporation  
2201 Commerce Street  
Mt. Pleasant, MI 48858

Robinson Electrical Mechanical, Inc.  
11475 W. Lincoln Rd., PO Box 69  
Riverdale, MI 48877

Robbin Harsh Excavating, Inc.  
9395 S. Clare Ave.  
Clare, MI 48617

<u>No.</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>	<u>Unit Price</u>	<u>Total Price</u>	<u>Unit Price</u>	<u>Total Price</u>
1	Industrial Lift Station Rehabilitation Bid	1	LSUM	\$ 52,250.00	\$ 52,250.00	\$ 54,500.00	\$ 54,500.00	\$ 59,723.00	\$ 59,723.00
<b>TOTAL BID</b>					<b>\$ 52,250.00</b>		<b>\$ 54,500.00</b>		<b>\$ 59,723.00</b>

Central Michigan Contracting, Inc.  
1301 Commerce Dr.  
Farwell, MI 48622

J. Ranck Electric, Inc.  
1993 Gover Parkway  
Mt. Pleasant, MI 48858

J.R. Heineman & Sons, Inc.  
1224 N. Niagara Street  
Saginaw, MI 48602

<u>No.</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>	<u>Unit Price</u>	<u>Total Price</u>	<u>Unit Price</u>	<u>Total Price</u>
1	Industrial Lift Station Rehabilitation Bid	1	LSUM	\$ 64,000.00	\$ 64,000.00	\$ 64,444.00	\$ 64,444.00	\$ 82,000.00	\$ 82,000.00
<b>TOTAL BID</b>					<b>\$ 64,000.00</b>		<b>\$ 64,444.00</b>		<b>\$ 82,000.00</b>

Oak Construction Corporation  
P.O. Box 147  
Flushing, MI 48433

<u>No.</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
1	Industrial Lift Station Rehabilitation Bid	1	LSUM	\$ 97,000.00	\$ 97,000.00
<b>TOTAL BID</b>					<b>\$ 97,000.00</b>

City of Mt. Pleasant, Michigan  
2010 INDUSTRIAL LIFT STATION REHABILITATION  
Tuesday, November 30, 2010  
Cost Estimate \$60,000

Plan Holders:

T.H. Eifert  
3302 W. St. Joseph  
Lansing, MI 48917  
Phone: (517) 484-9944  
Fax: (517) 484-1699  
[info@theifert.com](mailto:info@theifert.com)

Gerace Construction Company  
4055 S. Saginaw Road  
Midland, MI 48640  
Phone: (989) 496-2440  
Fax: (989) 496-2465

Hydrodynamics  
6200 Delfield Industrial Drive  
Waterford, MI 48329  
Phone: (248) 623-4700  
Fax: (248) 755-3197  
[dick@hydrodynamics.net](mailto:dick@hydrodynamics.net)

Isabella Corporation  
2201 Commerce Drive  
Mt. Pleasant, MI 48858  
Phone: (989) 772-5890  
Fax: (989) 773-2978  
[izalud@isabellacorpation.com](mailto:izalud@isabellacorpation.com)

[Form01]

City of Mt. Pleasant, Michigan

# **CONTRACT DOCUMENTS**

For Construction  
of

2010 INDUSTRIAL LIFT STATION REHABILITATION



**JAMES HOLTON**  
Mayor

**KATHIE GRINZINGER**  
City Manager

Prepared By:  
Division of Public Works

**DUANE F. ELLIS, P.E.**  
DPW Director/City Engineer

November 2010

[Form08]

City of Mt. Pleasant, Michigan

## **TABLE OF CONTENTS**

2010 Industrial Lift Station Rehabilitation

### **Bidding Information**

Notice To Bidders  
Instructions To Bidders

### **Contract Documents**

Proposal

### **Technical Specifications**

Special Conditions

## NOTICE TO BIDDERS

### 2010 Industrial Lift Station Rehabilitation

The City of Mt. Pleasant, Michigan, is requesting sealed bids at the Office of the City Clerk, City Hall, 320 W. Broadway Street, Mt. Pleasant, Michigan 48858, until 1:30 p.m. (local time), on November 30, 2010, at which time and place the bids will be publicly opened and read. All bids shall be submitted in a sealed envelope, plainly marked "2010 Industrial Lift Station Rehabilitation – November 30, 2010."

Proposals are solicited on a unit price basis, for the following work:

Lift Station Rehabilitation	1	EACH
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All bid proposals must be accompanied by a bid bond, bank cashier's check, bank draft, or certified check for not less than five percent (5%) of the bid price, made payable to the City of Mt. Pleasant.

To view and download complete Plans and Specifications at no charge, visit the City of Mt. Pleasant website at [www.mt-pleasant.org/depts/engineering/biddinginfo.htm](http://www.mt-pleasant.org/depts/engineering/biddinginfo.htm)

The City of Mt. Pleasant reserves the right to accept or reject any or all bids, to waive any irregularities in the bids, and to select the bid considered most advantageous to the city.

Steve Hein, Superintendent  
Wastewater Treatment Plant  
(989) 779-5451

Jeremy Howard  
City Clerk

City of Mt. Pleasant, Michigan  
**INSTRUCTIONS TO BIDDERS**

1. **Proposals**

Proposals must be made upon the forms provided therefore, with the Bid amount both written and shown in figures, and all other data required submitted.

The Proposal, bound together with all Proposal Documents, must be enclosed in a sealed envelope marked as specified in the Notice to Bidders for such Bid and clearly indicating the name and address of the Bidder and must be received by the City Clerk, City Hall, 320 West Broadway Street, Mt. Pleasant, Michigan 48858, no later than the time and date specified in the Notice to Bidders. At such specified time, Proposals shall be publicly opened and read aloud.

2. **Basis of Proposals**

Proposals are solicited on the basis of unit price(s) and/or lump sum(s), as specified on the Proposal form.

The City of Mt. Pleasant (also referred to as "Owner"), reserves the right to accept any Bid, to reject any or all Bids, to waive any irregularities in the Bids, and to select the Bid considered most advantageous to the city.

3. **Comparison of Bids**

In comparing Bids, consideration shall be given to the time proposed for completion of the Contract, qualifications of Bidder, price differentials, alternate Proposals for the alternate items listed in the Proposal (if applicable), and any other pertinent factors. **The City of Mt. Pleasant grants a preference to businesses located within the Mt. Pleasant City Limits. The preference given is a differential above the low bid if the low bid is not from a City of Mt. Pleasant bidder. The differential allowed is 3% of the total for bids between \$5,000 and \$9,999 and 2% of the total for bids over \$10,000. The maximum credit allowed is \$1500.00.** The Owner reserves the right to make an award to the Bidder whose Proposal is deemed to be in the best interest of the Owner.

4. **Time**

Time is of the essence in the performance of the Contract, and each Bidder, by submitting a Proposal, certifies his/her acceptance of the time allowed by the Contract for the completion of the work specified.

5. **Indemnification**

The Contractor shall save and hold harmless the city and its employees from and against all claims, damages, losses, or expenses, including attorney's fees, arising out of or resulting from the performance of the work; provided that any such claim, damage, loss or expense is caused in whole or in part by any negligent or willful act of omission of the contractor, subcontractor, employee, or anyone under their direction. The Contractor shall at his/her own expense, defend any and all such actions and pay all attorney's fees, costs, and expenses pertaining thereto.

6. **Bid Deposits**

Each Proposal shall be accompanied by a certified check, or a Bid Bond by a recognized Surety Company similar to a U. S. Government Standard Form Bid Bond, in the amount of five percent (5%) of the total amount of the Bid, made payable to the City of Mt. Pleasant, subject to forfeiture to the Owner in the event of failure on the part of the successful Bidder to enter into the attached form of agreement to do the work specified by said Proposal at the price and within the time stated therein. The Bid Deposit of all Bidders, except the three (3) lowest acceptable Bidders, shall be returned within two (2) weeks after opening of bids. The bid deposits of the three (3) lowest acceptable bidders shall be returned within 48 hours after the executed Contract(s) have been finally approved by the Owner.

7. **Liquidated Damages**

A liquidated damage clause, as given in the Contract form, provides that the Contractor shall pay the Owner as liquidated damages, and not as a penalty, the amount indicated in the Proposal for each and every calendar day that the Contractor may be in default of substantial completion of the work required under said Contract.

8. **Insurance and Bonds**

The successful Bidder will be required to execute (2) Bonds, in the form attached hereto, with Surety acceptable to the Owner and insurance, as follows:

- a. Bond in the amount of 100% of the Estimated Contract Price running to the City of Mt. Pleasant, Michigan, to insure the completion of the entire work, according to the statutes of the State of Michigan in effect at that time.
- b. Bond in the amount of 100% of the Estimated Contract Price running to the People of the State of Michigan for the protection of Subcontractors and Labor and Material Men, according to the statutes of the State of Michigan in effect at that time.
- c. Insurance in the amounts required by City Ordinance as specified in the Section 1 - General Construction Specifications, attached hereto.

The successful bidder shall be required to furnish for each set of executed Contract Documents, and conformed copies thereof, an original conformed Performance Bond, Labor and Materials Bond, Maintenance Bond, and Insurance Certificates.

9. **Permits and Local Codes**

The Owner shall procure the required permits for municipal sanitary sewer construction, municipal water system construction, and soil erosion control.

The Contractor shall obtain, at his/her expense, all other required local construction permits and shall comply with local building code and inspection requirements.

10. **Qualifications of Bidders**

It is the intent of the Owner to award the Contract to a Bidder fully capable, both financially and with regard to experience, to perform and complete all work in a satisfactory and timely manner. Evidence of such competency must be furnished on the forms included in the proposal, listing projects of similar difficulty, scope of work, and size, which the Bidder has satisfactorily undertaken and completed.

It is the intention of the City to award the contract to a Contractor whose ability and financial resources are fully equal to the task of performing the work in a satisfactory manner. With this in view, the Proposal calls for at least five (5) references, using specific names of persons to contact concerning the Contractor's ability to do this particular class of work. References from municipalities are preferred. The mere ability to furnish a Performance Bond shall not be accepted as sufficient evidence of responsibility on the part of the Bidder. The Bidder may also be required to furnish evidence of his current financial status.

11. **Interpretation of Documents**

If any Bidder is in doubt as to the true meaning of any part of the Plans, Specifications or any Contract Document, he/she may submit to the Owner a written request for an interpretation thereof. Any interpretation made in response to such a query shall be made only by Addendum, duly issued, and a copy of such Addendum shall be mailed or duly delivered to each prospective Bidder. The Owner shall not be responsible for any other explanation or interpretation of the Contract Documents. Alternative proposals that are suggested by bidders will be given consideration, if presented before the bid opening. If accepted, an addendum will be issued and sent out to all potential bidders, so that they may bid on the alternatives that have been identified.

12. **Execution of Bid Proposal**

A Bid Proposal, which is not signed by the individual making it, should have attached thereto a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the person for whom it is signed.

A Bid Proposal, which is signed by a partnership, shall be signed by all of the partners or by an Attorney-in-Fact. If signed by an Attorney-in-Fact, there should be attached to the Bid a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the partnership and such Power of Attorney shall be signed by all partners of the partnership.

A Bid Proposal, which is signed for a corporation, should have the correct corporate name thereof and the signature of the President, or other authorized officer(s) of the corporation, manually written below the corporate name and on the line indicating "By:\_\_\_\_\_." If such a Bid Proposal is manually signed by an officer other than the President of the corporation, a certified copy of a Resolution of the Board of Directors evidencing the authority of such officer(s) to sign the Bid Proposal should be attached thereto. Such a Bid Proposal should also bear the attested signature of the Secretary of the corporation and an impression of the corporate seal.

13. **Execution of Contract**

The successful Bidder to whom an award is made shall be required to enter into a written agreement, in the form attached hereto, within ten (10) days after receipt of a Notice of Award and copies of the documents to be executed. In the event the successful Bidder fails to comply with this provision, he/she may be considered by the Owner to have abandoned all his/her rights and interests in the award and his/her certified check or amount of the Bid Bond may be declared to be forfeited to the Owner, and the Contract may be awarded to another.

14. **Bidder Responsibility For Conditions of Work and Site**

The Bidder, or his/her representative, shall make personal investigation of the site of work and of existing structures and shall determine to his/her own satisfaction the conditions to be encountered, the nature of the ground, the difficulties involved in making connections to existing structures and pipes, and any and all other factors affecting the work proposed under the Contract.

The Bidder to whom the Contract is awarded shall not be entitled to any additional compensation by reason of conditions being different from those anticipated or by reason of his/her failure to fully acquaint himself/herself with the conditions at the site affecting the work of the Contract.

15. **Changes in Work**

If any change is required to be made in the work of the Contract, a payment adjustment therefore shall be determined as specified in the "TECHNICAL SPECIFICATIONS, Section 1 - General Construction Specifications" of the Contract.

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Revised: February 2006

[Form24a]

City of Mt. Pleasant, Michigan  
**BID PROPOSAL**  
2010 INDUSTRIAL LIFT STATION REHABILITATION

TO: City Clerk, City Hall  
320 W. Broadway Street  
Mt. Pleasant, MI 48858

BID DATE: November 30, 2010  
TIME: 1:30 p.m.

The undersigned, as Bidder, hereby declares that this bid is made in good faith without fraud or collusion with any person or persons bidding of the same Contract; that he has carefully read and examined the Contract Documents, including the Notice to Bidders, Instructions, Bond Forms, Technical and Detailed Specifications, and Contract Drawings, for the designated work and understands all of the same; that he, or his representative, has made such a personal investigation at the site as is necessary to determine the character and difficulties attending the execution of the proposed work; and he proposes and agrees that if this Proposal is accepted, he will contract with the Owner in the form of the Contract hereto annexed, to provide necessary machinery, tools, apparatus and other means of construction, including utility and transportation services, necessary to do all the work and furnish all the materials and equipment specified or referred to in the Contract Documents, including Addenda No. \_\_, \_\_, and \_\_, in the manner and time therein prescribed, and according to the requirements of the Owner as therein set forth to furnish Contractor Bonds and Insurance required of the Contractor by the Contract Documents, and that he will take in full payment therefore the unit prices set forth in the following Proposal.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any irregularities in the bidding.

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

Upon receipt of a written Notice of Award of the Bid, the Bidder shall execute the formal Contract Agreement attached hereto within ten (10) days and shall deliver to the Owner a Surety Bond or Bonds required. In the event the Contract and Bond are not executed within the time above set forth, the Bid Deposit attached in the sum of five percent (5%) of the Bid Proposal shall become the property of the Owner as liquidated damages for the delay and additional expense to the Owner caused thereby.

The Bidder hereby agrees to commence work under this Contract on or before the date to be specified in the written Notice to Proceed executed by the Owner and to fully complete the project as stipulated in the Special Conditions of these Specifications. The Bidder further agrees to pay as liquidated damages the sum indicated in the Special Conditions for each consecutive calendar day thereafter, until substantial completion, that is when all work items in the proposal are complete and notification of substantial completion of work items and final quantities is given to the Director of Public Works by the contractor .

The below unit prices shall include all labor, materials, overhead, profit, insurance, etc., to cover the finished work of the several kinds specified, and the Bidder agrees to perform all of the work described in the Specifications and/or shown on the Plans for the following unit prices:

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
#1	Industrial Lift Station Rehabilitation	1	LSUM	\$ _____	\$ _____
<b>TOTAL</b>				\$ _____	\$ _____

(written) \_\_\_\_\_ and \_\_\_\_/100  
Dollars.

RESPECTFULLY SUBMITTED,  
COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

AREA CODE/TELEPHONE NUMBER \_\_\_\_\_ DATE \_\_\_\_\_

Authorized Signature \_\_\_\_\_

Print or Type Name and Title \_\_\_\_\_

Authorized Signature \_\_\_\_\_

Print or Type Name and Title \_\_\_\_\_

Fax Number \_\_\_\_\_

**EXPERIENCE QUESTIONNAIRE**  
TO BE FURNISHED BY BIDDER  
CITY OF MOUNT PLEASANT, MICHIGAN

The signatory of this proposal guarantees the truth and accuracy of all statements and of all answers hereinafter made.

1. How many years have you been in business as a contractor under your present name?

\_\_\_\_\_

2. How many years have you been a principal officer of a firm under a different name?

\_\_\_\_\_

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

3. What projects of a similar nature has your organization contracted for within the past five years? (NOTE: Fill out each blank completely.)

Name of Owner & Location	Name/Address/Phone # of Person in Charge as Reference	Type of Work	Value of Work	Date Completed
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____

## **2010 INDUSTRIAL LIFT STATION REHABILITATION SPECIAL CONDITIONS**

### **SCOPE OF WORK:**

This project involves the rehabilitation of the lift station located at 1737 Industrial Park Drive.

The work includes:

- Remove pumps, bases, rails, brackets, discharge piping, and floats and wiring from the wet well.
- Remove and replace the existing wet well cover with a new aluminum hatch.
- Remove existing control panel.
- Clean and inspect the wet well.
- Install new pumps, bases, rails, and discharge piping.
- Install a new 72-inch diameter valve chamber to contain two weight and lever check valves and two quarter turn Dezurik plug valves. Valve chamber will drain back to the wet well through a four-inch line incorporating a trap to prevent wet well gases from accumulating in the valve chamber.
- Install piping from the wet well through the valve chamber and valves connecting to the existing force main.
- Install new duplex control panel, including floats and all electrical work.
- Set up and maintain by-pass pumping if necessary during construction so that service is maintained to customers served by the lift station.
- Restore landscaping to original condition when the job is completed.

### **EQUIPMENT AND MATERIALS:**

The selected Bidder will supply the following:

- Two (2) Flygt submersible pumps, Model # CP-3085-434.
- Pumps are 3 HP, three phase 230 volt with 50-foot motor and sensor cable. Pumps are to include seal failure and high temperature cable.
- One (1) intrinsically safe Duplex Control Panel in a Nema 3R stainless steel enclosure with 12-inch legs, complete with VFDs, circuit breakers, H-O-A switches for each pump, alternator, run lights, elapsed time meters, seal fail/high temperature lights, 3 KVA transformer, phase motor, panel heater, duplex GFI outlet and high alarm light. Enclosure will include space for the installation of a Raco Chatterbox dialer to be supplied by Owner and installed by the Contractor. Panel will include a transfer switch and 200 amp generator receptacle.
- Five (5) non-mercury float switches with 50-foot cable and stainless steel support bracket.
- Two (2) pump/guiderail bases with four-inch discharge elbows.
- Two (2) stainless steel guiderails.

- Two (2) lengths stainless steel lifting chain.
- All brackets, mounting devices, and fasteners in the wet well will be stainless steel.
- All required conduit, wiring, junction boxes, and other materials required for a completed electrical installation.
- Covers for the wet well and valve chamber with lockable aluminum hatches with a minimum opening of 30-inch x 30-inch.
- Discharge piping will be *either* four-inch ductile iron with flanged connections, or four-inch HDPE with fusion welded connections.
- 72-inch precast concrete valve chamber.
- Two (2) four-inch weight and lever check valves.
- All other fittings to complete the discharge piping installation.

#### **TIME CONSTRAINT:**

The Contractor shall complete this work within 30 days after receipt of equipment and materials, after which time liquidated damages, at the rate of \$300.00 per day, will be assessed for each day the project is not completed.

#### **SCHEDULE:**

The Contractor shall notify the WWTP Superintendent regarding their schedule for performing the work at least a week prior to the work beginning.

#### **WORK HOURS AND HOLIDAYS:**

The daily hours of work are given in the General Construction Specifications, Section 1, paragraph 1.20.

No work is to be scheduled by the Contractor on Sundays or on holidays and holiday weekends.

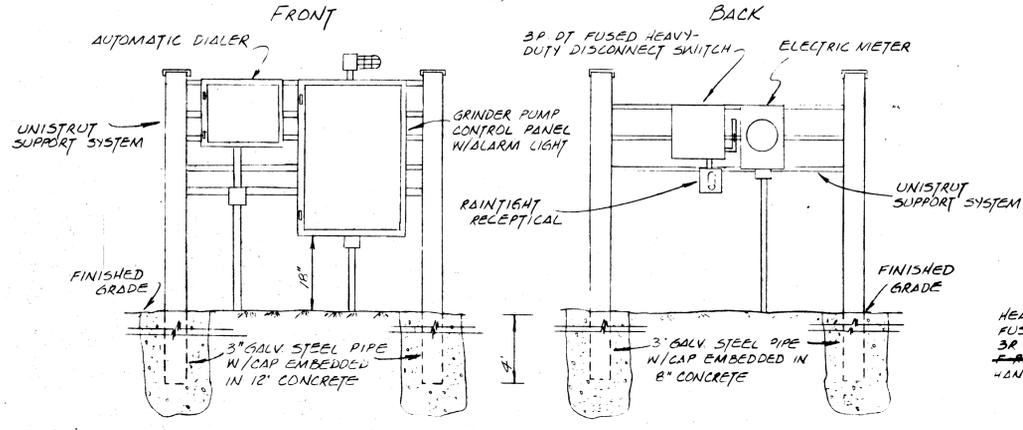
#### **STANDARD CONSTRUCTION SPECIFICATIONS:**

The City of Mt. Pleasant Standard Construction Specifications dated 2007 must be followed for construction on this project. They are available on the City web page at [www.mt-pleasant.org/depts/engineering/biddinginfo.htm](http://www.mt-pleasant.org/depts/engineering/biddinginfo.htm)

[2010 Industrial Lift Station Rehabilitation – Special Conditions]

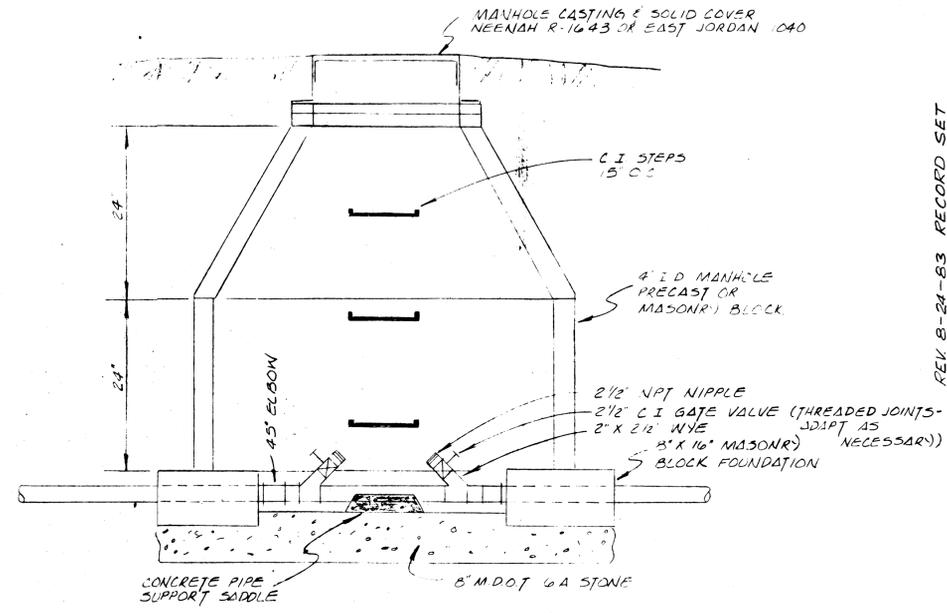
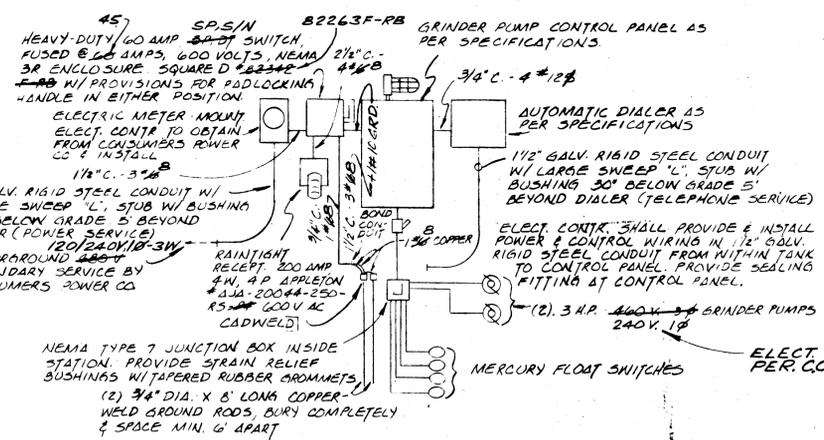


**ELECTRICAL MOUNTING DETAIL**  
(NO SCALE)

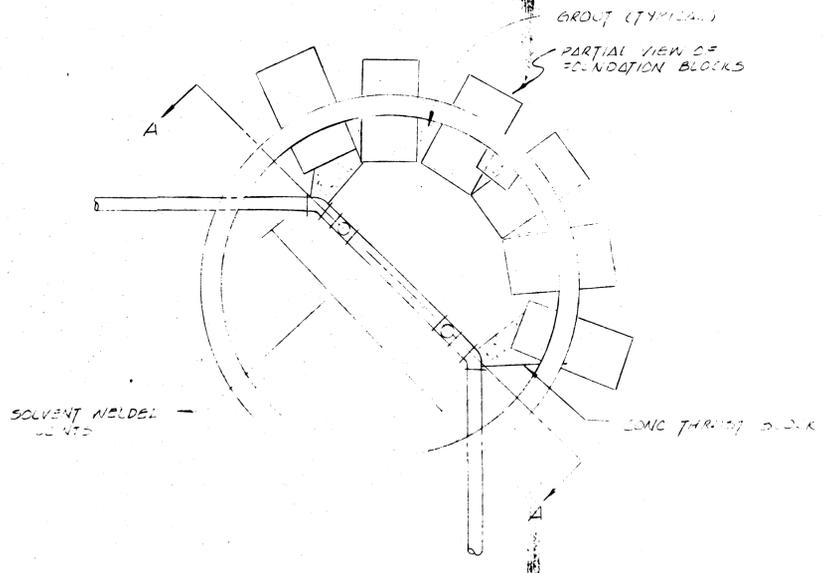


**POWER RISER DIAGRAM**  
NO SCALE 480V-30-3W

**NOTES:**  
1. ELECT. CONTR. SHALL PROVIDE & INSTALL GROUNDING IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.  
2. ELECT. CONTR. SHALL COORDINATE ELECTRICAL SERVICE W/ CONSUMERS POWER CO. & TELEPHONE SERVICE W/ GENERAL TELE CO.  
3. ALL CONDUIT SHALL BE HOT-DIP GALVANIZED RIGID STEEL & PAINTED  
4. ELECT. CONTR. SHALL INTERLOCK AUTOMATIC DIALER W/ HIGH WATER ALARM CONTACT

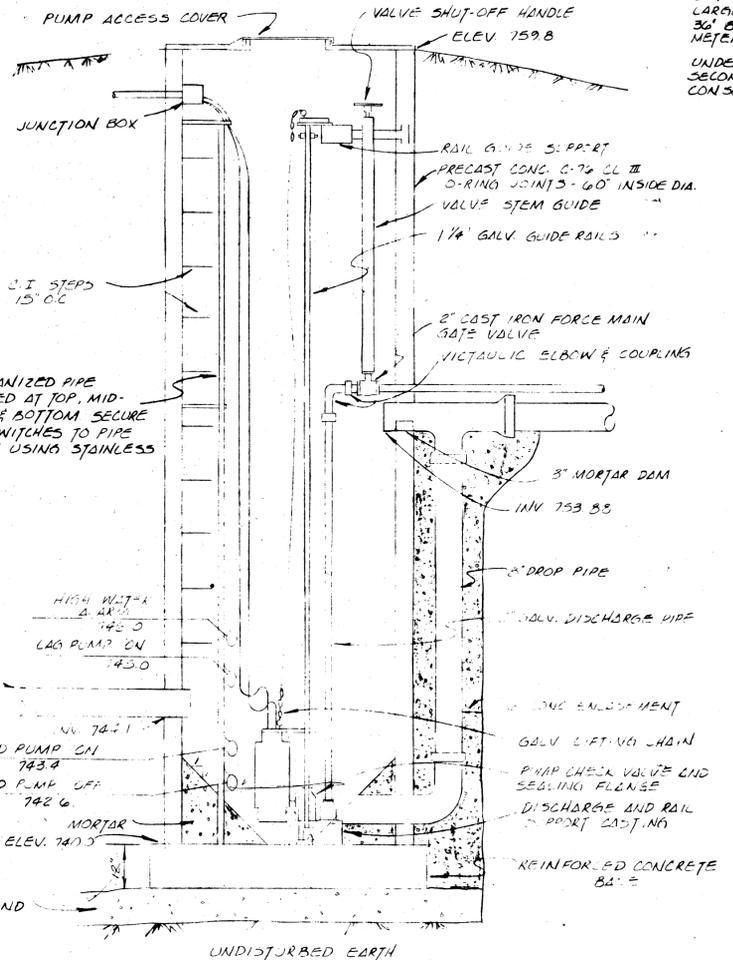
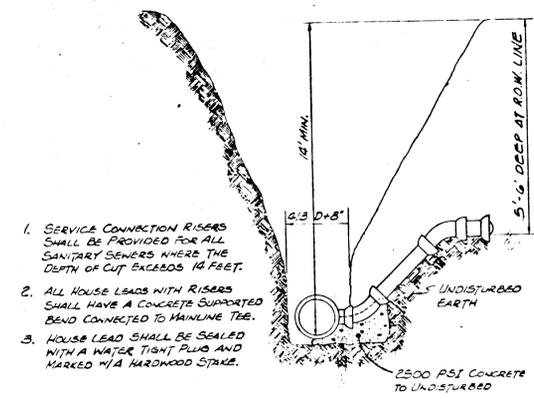


**SECTION A-A**  
**FORCE MAIN CLEANOUT MANHOLE**



**TOP VIEW (WITH CONE SECTION REMOVED)**  
**FORCE MAIN CLEANOUT MANHOLE**

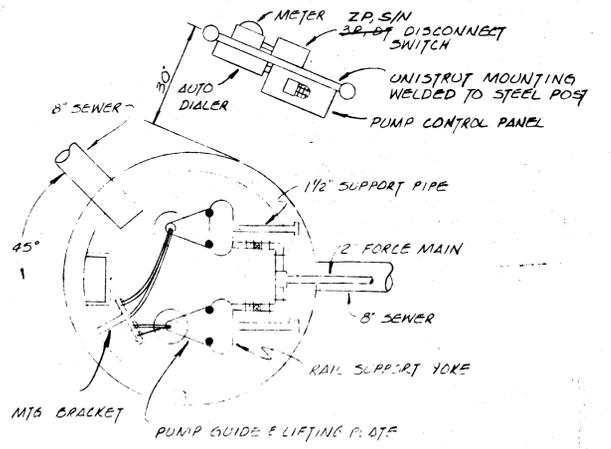
**RISER DETAIL**



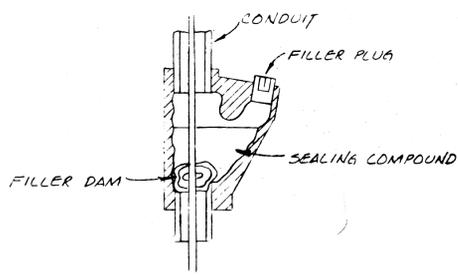
SCALE: 1/2" = 1'-0"

**SECTIONAL VIEW**  
**SUBMERSIBLE GRINDER PUMP STATION**

NOTE: CONTRACTOR SHALL PROVIDE QUALITY PADLOCKS ON ELECTRICAL PANEL SWITCH PANEL AND PUMP ACCESS COVER. TWO SETS OF LABELED KEYS ARE TO BE PROVIDED TO OWNER



**TOP VIEW**  
**SUBMERSIBLE GRINDER PUMP STATION (COVER REMOVED)**  
SCALE: 1/2" = 1'-0"



**ELECTRICAL SEALING PLUG DETAIL**  
(NOT TO SCALE)

PLAN NO. S-2039-81  
DATE: OCT. 1981  
DRAWN BY: S.S.R.  
CHECKED BY: J.F.N.  
SCALE: AS SHOWN

PREPARED BY  
**ROWE ENGINEERING**  
FLUSHING CARO OWOSSO  
1449 E. Pierson 429 N. State 217 N. Washington  
313-659-3103 517-673-2636 517-723-8196

PREPARED FOR  
**SANITARY SEWER EXTENSION**  
**INDUSTRIAL AVENUE**  
**MT. PLEASANT, MICHIGAN**



3 / 3