

Addendum #1

Project: Madison Utility Improvements – Garfield Avenue S. & S. Highland Ave. - 2017

Bid Date: 2 :00 P.M., Local Time, March 15, 2017

Bid Location: City of Madison,
116 W. Center Street
Madison, SD 57042

Issue Date: March 10, 2017

Notice: Failure to acknowledge all addenda in the BID may cause rejection of the BID. See Instructions to Bidders.

SCOPE OF THIS ADDENDUM:

The following becomes a part of the original project manual and drawings, taking precedence over the items that may conflict. The bidder shall note receipt and make acknowledgment of the Addendum on his/her bid form, incorporating its provision in his/her bid.

PROJECT MANUAL:

The following additions, changes and clarifications have been made to the Project Manual.

Section C-410 Bid Form -

Delete: Section C-410 Bid Form

Add: Section C-410 Bid Form (attached)

Section 33 3000 Water Utilities: Page 33 1000-3 – 2.4.

Delete: paragraph 2.4 FIRE HYDRANTS

Add: paragraph 2.4 Fire HYDRANTS (below)

Addendum #1 (cont'd)



- 2.4 Fire hydrants shall be 6" MJ Waterous Pacer WB-67 with traffic flanges or an approved equal that conform to AWWA specifications and be designed for 150 psi working pressure. There shall be required 6 feet of cover on the hydrant leg and the bottom of the traffic flange shall be 2 to 4 inches above ground level. The fire hydrant shall be painted red; have valve opening shall be at least 5-inch diameter; shall be equipped with a break off traffic flange; and have two (2) – 2-1/2" nozzles NST and one – 4" pumper nozzle NST.
1. Fire hydrants shall be set truly vertical upon a flat rock on slab of concrete, 4 to 6 inches in thickness and 16 to 18 inches square. Base of hydrant below and above "weep holes" shall be surrounded with approximately 10 cubic feet of washed stone which is free from cementing material. Ground like grade should be set in all cases at such a location and such a grade that a spanner wrench will rotate freely counterclockwise to open on all hose connections to the hydrant. Care shall be taken to clean thoroughly valves and hydrants of sticks, stones, dirt, or trash of any kind prior to setting.
 2. Fire hydrants will be measured by units of one, in place and location and in accordance with details shown on the plans and in accordance with the specifications. The price bid for each fire hydrant shall be full compensation for the fire hydrants, concrete or stone base, all labor, materials, equipment, excavations, and backfill necessary to set the hydrants in place and ready for use.

Section 33 3000 SANITARY SEWERAGE UTILITIES: Page 33 3000-2 – 2.1 C.

Delete: paragraph 2.1 C.

Add: paragraph 2.1 C. (below)

- C. Sanitary Sewer Pipe Installed by Auger Boring (Jack and Bore with steel casing): Sanitary Sewer pipe shall be installed by Auger Boring as shown on the Drawings. Pipe provided shall be compatible with other PVC pipe installed by open cut.
1. Certa-Lok™ C905/RJ Restrained Joint PVC Pipe or Engineer approved equal:
 - a. Pipe 14-inch diameter and smaller shall match the diameter of the sewer pipe to which it is connected.
 - b. Pipe shall be Class 150, meeting the requirements of AWWA C905.
 - c. Pipe shall be supplied with Certa-Lok™ spline type coupling system and elastomeric gasket.
 2. Fusible C-905® or Engineer approved equal:
 - a. 14-inch Fusible polyvinyl chloride pipe shall match dimension ratio of the sewer main to which it is connected.

Addendum #1 (cont'd)



- b. Pipe shall be Class 150, meeting the requirements of AWWA C905.
- c. Pipe shall be fused by manufacturer's recommended method.
- d. The material used in the production of fusible polyvinyl chloride pipe shall be approved by the National Sanitation Foundation (NSF) to AWWA C900 standards.
- e. Contractor shall ream out the interior bead on the joints from the fusion process.

Section 33 3000 SANITARY SEWERAGE UTILITIES: Page 33 3000-2 – 2.2 A.

Delete: Minimum Wall thickness shall be 0.375”.

Add: Minimum wall thickness shall be 0.438”.

Section 33 3000 SANITARY SEWERAGE UTILITIES: Page 33 3000-9 – 3.9 A. 5.

Delete: paragraph 3.9 A. 5. on page 33 3000-9

Plan Sheets:

Plan Sheet 3 Clarification:

Detail Steel Encasement – Note 1. Steel pipe shall have a minimum yield strength of 42,000 psi and designed to carry coppers E-80 Railroad Live Loading with diesel impact.

Plan Sheet 8 Clarification:

All references to temporary hydrant shall be deleted. The fire hydrant that the contractor will use shall be new and remain in place at the conclusion of the project. See attached Plan Sheet 8.

NOTE:

The Plan Holders List and addendums are available via the internet at <http://www.bannerassociates.com> by clicking on the Project Information link.

Project Manual and Drawing inquiries regarding the work should be directed to:

Contact Persons:

Addendum #1 (cont'd)



BANNER ASSOCIATES, INC.

Joe Munson, PE

Phone - (605) 692-6342 or 1-855-323-6342

FAX – (605)-692-5714

E-mail: joem@bannerassociates.com

ATTACHMENTS

- 1) Bid Form C-410
- 2) PLAN SHEET 8



A handwritten signature in blue ink, appearing to read "Joseph H. Munson".

Joseph Munson, P.E. #11128

Bid Form

TABLE OF CONTENTS

	Page
Article 1 – Bid Recipient	1
Article 2 – Bidder’s Acknowledgements	1
Article 3 – Bidder’s Representations.....	1
Article 4 – Bidder’s Certification	2
Article 5 – Basis of Bid.....	3
Article 6 – Time of Completion	3
Article 7 – Attachments to this Bid	4
Article 8 – Defined Terms.....	4
Article 9 – Bid Submittal.....	4

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

City of Madison
Finance Office
116 W Center Street
Madison, SD 57042

1.02 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

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 30 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

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

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself 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 adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; 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 any 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; and (3) Bidder’s safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price 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 confirms that 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 and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER’S CERTIFICATION

4.01 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 4.01.D:
 - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing 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

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s).

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	Mobilization	LS	1		
2	Traffic Control	LS	1		
3	Compaction Tests	Each	4		
4	Granular Embedment	TON	50		
5	Aggregate Base Course	TON	45		
6	Silt Fence	LF	100		
7	Seeding	LS	1		
8	8” PVC Watermain (F&I by HDD)	LF	200		
9	8” MJ Cap	Each	1		
10	8” x 6” DI MJ Reducer	Each	1		
11	Temporary Fire Hydrant	Each	1		
12	14” C905 PVC San. Sewer (F&I in Steel Casing)	LF	110		
13	15” PVC San. Sewer (F&I by open cut)	LF	40		
14	48” Sanitary Sewer Manholes (12-14 feet deep)	Each	4		
14	Connect to Existing San. Sewer	Each	4		
15	Steel Encasement Pipe (F&I by bore)	LF	110		
16	Bypass Pumping	LS	1		
Total of All Unit Price Bid Items					\$

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 Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Total of Lump Sum and Unit Price Bids = Total Bid Price \$ _____

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

7.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid security in accordance with Article 8 of the Instructions to Bidders:

ARTICLE 8 – DEFINED TERMS

8.01 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

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature] _____

[Printed name] _____

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

MADISON UTILITY IMPROVEMENTS – GARFIELD AVE S. & S. HIGHLAND AVE. - 2017
MADISON, SOUTH DAKOTA
BID FORM

Telephone Number: _____

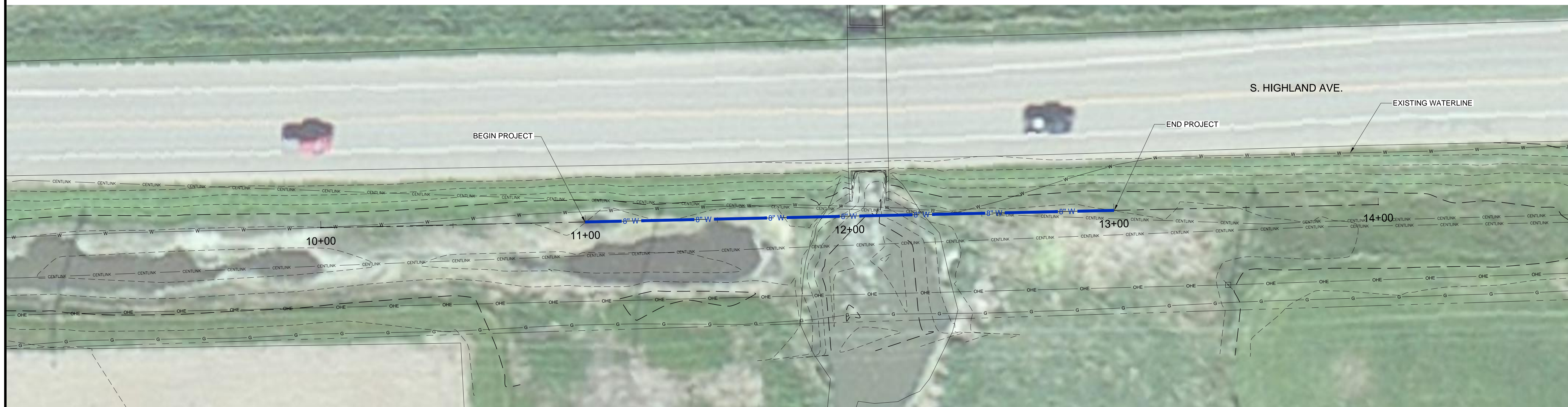
Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____
(where applicable)

NOTES:

1. LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR WILL BE RESPONSIBLE TO HAVE ALL UTILITIES LOCATED PRIOR TO ANY EXCAVATION.
2. PRIOR TO INSTALLATION OF ANY EXTERIOR PIPE CONTRACTOR SHALL EXPOSE AND DETERMINE ELEVATION OF EXISTING PIPELINES. THE ENGINEER MAY MAKE CORRECTIONS IN PIPELINE PROFILES IF THE ELEVATIONS OF EXISTING PIPELINES ARE DIFFERENT THAN SHOWN ON THE PLANS.
3. REMOVAL / ABANDONED NOTE: ALL PIPE THAT IS REMOVED SHALL BE CONSIDERED PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE.
4. CONTRACTOR SHALL NOT DISTURB OR PERFORM ANY WORK IN THE RAILROAD RIGHT OF WAY.



QUANTITIES:

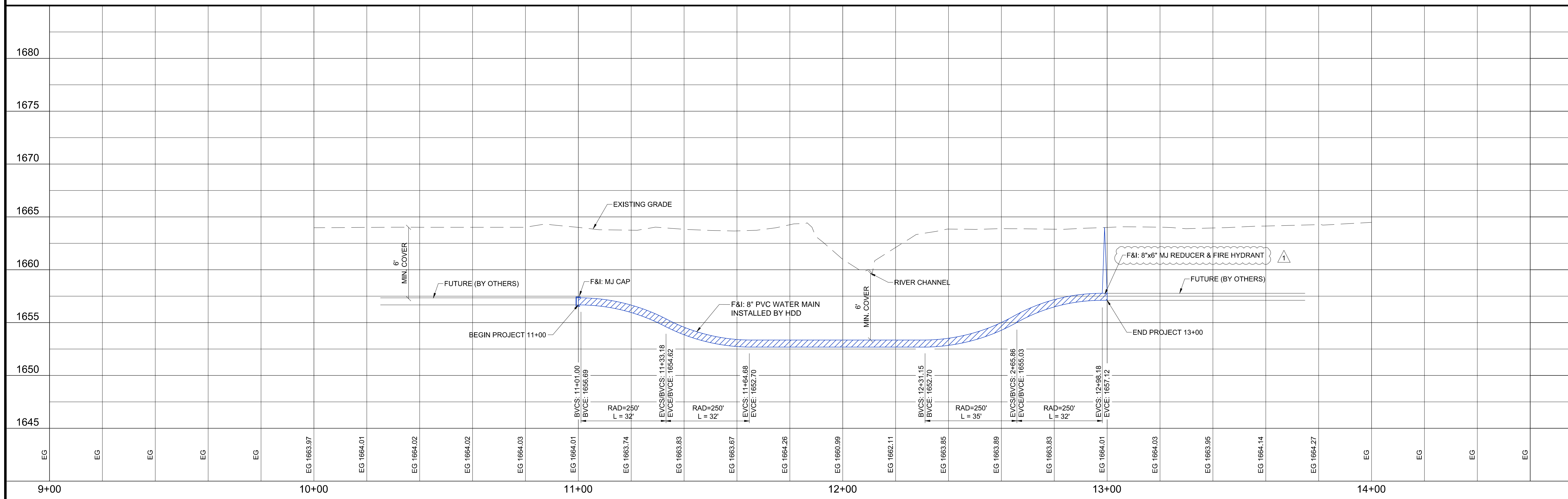
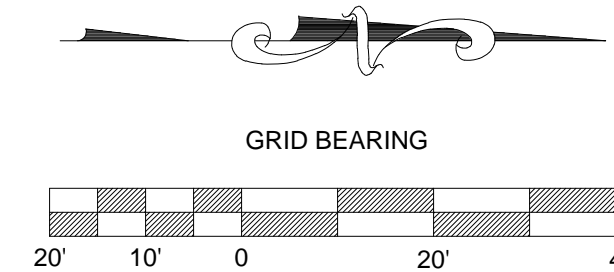
- 200 LF - 8" DIA. PVC WATER MAIN INSTALLED BY HDD
- 1 EA - 8" DIA. MJ CAP
- 1 EA - 8" x 6" MJ REDUCER
- 1 EA - TEMPORARY FIRE HYDRANT

WATER STA. 11+00
FURNISH & INSTALL:
1 EA - 8" DIA. MJ CAP

WATER STA. 11+00 TO 13+00
FURNISH & INSTALL:
200 LF - 8" DIA. PVC WATER MAIN INSTALLED BY HDD

WATER STA. 13+00
FURNISH & INSTALL:
1 EA - 8" x 6" MJ REDUCER
1 EA - FIRE HYDRANT

HORIZONTAL DATUM:
- NAD 83
- PROJECTION: UTM ZONE 14
ALL DIMENSIONS SHOWN ARE IN TERMS OF U.S. SURVEY FEET



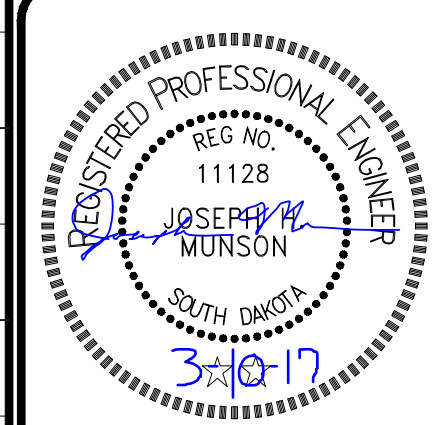
PROJECT / SHEET TITLE:
UTILITY IMPROVEMENTS - GARFIELD AVE. S. & S. HIGHLAND AVE. - 2017
HIGHLAND AVE. WATER MAIN BORE PLAN & PROFILE

MADISON, SOUTH DAKOTA

DESCRIPTION
FIRE HYDRANT

DATE: 3-9-17

REV: 1



JOB No.: 22487-00
DATE: FEBRUARY 2017
DESIGNED BY: JDM
CHECKED BY: RSU
DRAWN BY: JLU

SCALE REDUCTION BAR
0 12' 1" 1"
SHEET No.: **8**