

AGENDA

Board of Public Works Meeting

Tuesday, April 24, 2018

Jackson Village Hall

N168W20733 Main Street

Jackson WI 53037

1. Call to Order and Roll Call.
2. Approval of Minutes for March 27, 2018 meeting.
3. Review of petition creating a truck route for Northwest Business Park.
4. Review of Agreement for Reconstruction of Cedar Creek Road.
5. Review of Preliminary Assessment 2018 Final Paving Miscellaneous Streets Project.
6. Review of Bids for Ridgeway Drive Reconstruction Project.
7. Review of Preliminary Assessment for Ridgeway Drive Reconstruction Project.
8. Review of quotes for Tower #2 (Blue Tower) Cleaning and Inspection.
9. Pay Request #4 – SCADA System Project – LW Allen.
10. Review of Cobblestone Meadows - Water, Sanitary, Storm Sewer Design.
11. Director of Public Works Report.
12. Citizens/Village Staff to address the Board.
13. Adjourn.

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Village Hall at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

DRAFT Minutes
Board of Public Works Meeting
Tuesday, March 27, 2018 –7:00 p.m.
Jackson Village Hall
N168W20733 Main Street

1. Call to Order and Roll Call.

Chairman Tr. Olson called the meeting to order at 7:00 p.m.

Members present: Brian Heckendorf, Scott Thielmann, Gloria Teifke, Tr. Kufahl, and Tr. Lippold.

Members absent: Linda Granec (excused)

Staff present: John Walther and Brian Kober.

Others present: None.

2. Approval of Minutes for February 27, 2018, meeting.

Motion by Scott Thielmann, second by Brian Heckendorf to approve the minutes of the February 27, 2018 Board of Public Works meeting.

Vote: 6 ayes, 0 nays. Motion carried.

3. Review of Bids for Final Paving Miscellaneous Streets 2018.

Brian W. Kober reviewed the two bids for the final lift of asphalt for miscellaneous streets in the Village which include English Oaks Drive and Stonewall Drive. The low bidder is Stark Pavement which includes options of 2-inch surface course or pulverizing the existing pavement and install 4 inches of asphalt. The 2-inch surface course would require base patching at \$35.20 per square yard. The areas of base patching have not been calculated, although, inspection of the streets have revealed that major base patching would have to occur. A better result would be to pulverize the streets. Discussion continued on how the project will be funded. The special assessment documents have not been prepared since the project had not been approved to proceed.

Motion by Tr. Kufahl, second by Jack Lippold to recommend approval of the bid for pulverizing from Stark Pavement for the 2018 Miscellaneous Street Final Paving Project, and direct staff to start the special assessment procedure with review at the next meeting.

Vote: 6 ayes, 0 nays. Motion carried.

4. Review of Bids for 2018 Utility Improvements Miscellaneous Street.

Brian W. Kober reviewed the three bids received for the 2018 Utility Improvements Miscellaneous Street Projects. The projects include lowering of 16-inch water main along CTH P; Highland Road water main extension; Stonehedge Drive storm sewer; and Sherman Road sanitary sewer extension. The CTH P water main needs to be lowered because of the reconstruction of CTH P. The Highland Road water main is being extended for three new single family homes and will be special assessed. The Stonehedge Drive storm sewer is connecting sump pump discharges that cause icing of Stonehedge Drive, and will be special assessed. The Sherman Road sanitary sewer extension is to serve an existing single family home that will be

special assessed. The lower bidder for the majority of the projects was Vinton Construction. Motion by Tr. Olson, second by Tr. Kufahl to recommend approval of the bid from Vinton Construction for the 2018 Utility Improvements Miscellaneous Street Projects.
Vote: 6 ayes, 0 nays. Motion carried.

5. Review of 2017 Jackson Water Utility Consumer Confidence Report.

Brian W. Kober reviewed with the Board the 2017 Jackson Water Utility Consumer Confidence Report. The Board recommends approval to the Village Board for publication in the local newspaper. Upon completion of the publication the report is sent to the DNR for approval. Motion by Tr. Olson, second by Tr. Lippold to recommend approval of the 2017 Jackson Water Utility Consumer Confidence Report.
Vote: 6 ayes, 0 nays. Motion carried.

6. Pay Request #4 – SCADA System Project – LW Allen.

Brian W. Kober explained the pay request was not received in time for review at the meeting, and recommends referring the item to the next meeting. Motion by Tr. Olson, second by Tr. Kufahl to recommend referring Pay Request #4 SCADA System Project to the next meeting.
Vote: 6 ayes, 0 nays. Motion carried.

7. Director of Public Works report.

Brian Kober gave the report. Motion by Tr. Kufahl, second by Brian Heckendorf to place the Director of Public Works report on file.
Vote: 6 ayes, 0 nays. Motion carried.

8. Citizens/Village Staff to Address the Board.

Brian W. Kober thanked Tr. Kufahl for his years of serving on the Board of Public Works since this was going to be his last meeting, due to his term as Trustee expiring after the election.

9. Adjourn.

Motion by Scott Thielmann, second by Tr. Olson to adjourn,
Vote: 6 ayes, 0 nays. Meeting was adjourned at 7:30 p.m.

Respectfully submitted by: Brian W. Kober, P.E., Director of Public Works/Village Engineer

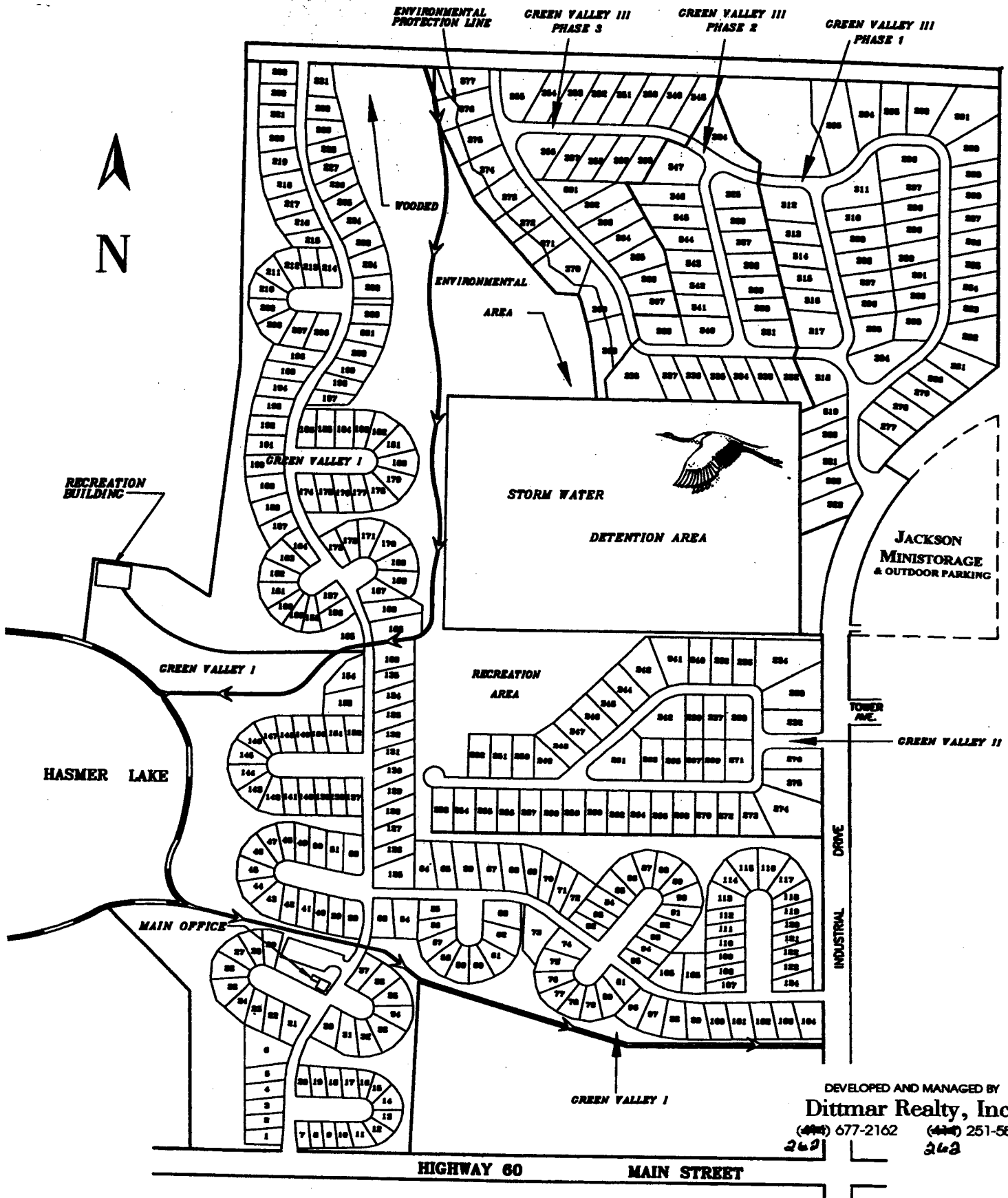
March 31,2018

We the undersigned petition the Village of Jackson to create a truck Route to and from Jackson Northwest Business Park. When the business park was constructed a large entrance sign was installed on Highway P, northwest passage was constructed in concrete instead of Asphalt to handle the high volume of truck traffic the only problem is 80 % of the trucks use Industrial drive. With the high volume of truck traffic the road is deteriorating rapidly. The residents living on the West side of industrial dr. starting at 4; 30 am, the trucks come down Industrial dr. engines roaring trailers banging and clattering over the deteriorating roadway waking residents from a sound sleep, this goes on all day long up and down industrial dr. This is disrupting the peaceful enjoyment of living in your own home when you have to listen to pounding and banging inside your home all day long five days A week.

Other concerns:

1. The ninety degree curve on Industrial Drive at the top of the hill located by Master Photo and Silk Screening is not wide enough for a south bound semi to make the curve without using both lanes if a vehicle is going north the truck going south must stop and wait for the lane to clear.
2. Kids are being picked up and dropped off by school buses at three locations
3. Why have the trucks go into a busy intersection by walgreens and Jimmys shopping center. most trucks turn right, they should use hwy P to hwy 60
4. GPS SENDS THE TRUCKS UP INDUSTRIAL Dr.
5. Many resident use the sidewalks to go walgreens and jimmys it's a little scary with trucks flying past five feet away

DATE	GREEN VALLEY RESIDENTS	LOT #
4-2-18	Phil LAUBENHOMER <i>Phil Laub</i>	323
4-2-18	Wendy LAUBENHOMER <i>Wendy Laubenhomer</i>	323
4-8-18	Dennis Gutzke	282
4-8-18	Charlotte Gutzke	282
4-8-18	Karen Becker	303
4-8-18	Kathleen Sims	303
4-8-18	Scott Lutzke	279
4-8-18	Linda Skelton	278
4-8-18	Dan Schlu	277
4-8-18	Doug D Dorsey	280
4-8-18	Rub Coertman	280
4-8-18	Rosemary & Godersky	312
4-8-18	Roy Whitworth	319
4-11-18	<i>of 1st</i>	121
4-11-18	Karen L. Mayer	122
4-11-18	Diane M Semp	117
4-11-18	Maureen Mallon	124
4-11-18	Bill Skilin	114
4-11-18	Amanda Verry	275
4-11-18	Judy Correll	319
4-11-18	Molly Olshesky	118
4-11-18	Cheryl Olshesky	118
4/11/18	<i>of 1st</i>	304
4/11/18	Charlene Jung	304
4/11/18	Thomas White	321
4/12/18	Wendy M Cesar	234



Green Valley

A RESIDENTIAL COMMUNITY IN JACKSON, WI
 LOCATED ON HASMER LAKE AT THE CORNER OF HWY. P AND HWY 60





DRAFT – For discussion purposes

Intergovernmental Agreement between the Town of Jackson and the Village of Jackson Regarding the Reconstruction of Cedar Creek Road

Whereas, Washington County is reconstructing CTH P between Woodland Drive and STH 60 in the Town of Jackson and the Village of Jackson, and;

Whereas, Washington County has contracted with Payne and Dolan for the asphalt paving of CTH P between Woodland Drive and STH 60 in the Town of Jackson and the Village of Jackson, and;

Whereas, Cedar Creek Road between CTH P and Jackson Drive is a shared road between the Town of Jackson and the Village of Jackson, and;

Whereas, Cedar Creek Road is in serious disrepair, and the Town of Jackson has received a bid from Payne and Dolan to pulverize, grade and install a twenty-five foot (25') wide, three inch (3') deep binder course on Cedar Creek Road from CTH P to the railroad tracks for \$95,692, and;

Whereas, the Town of Jackson Highway Department will complete the right of way ditching and shouldering on Cedar Creek Road from CTH P to the railroad tracks at an estimated cost of \$11,400 for time, equipment and materials, and;

Whereas, the Washington County Highway Department will stripe Cedar Creek Road from CTH P to the railroad tracks at an estimated cost of \$1,000, therefore;

The Town of Jackson proposes a cost sharing formula of two thirds paid by the Town of Jackson equaling \$72,061 and one-third paid by the Village of Jackson equaling \$36,031, to reconstruct Cedar Creek Road from CTH P to the railroad tracks as a 2018 road project in order to cooperatively and jointly improve the condition of Cedar Creek Road while taking advantage of cost savings due to the close proximity of the Payne and Dolan CTH P contract with Washington County.

TOWN OF JACKSON – WASHINGTON COUNTY

2018 PROJECT DESCRIPTIONS – PULVERIZE AND BINDER COURSE

Bidder Information:

Name: Mike Strobel

Company: Payne & Dolan, Inc.

Address: N173W21120 Northwest Passage Way
Jackson WI, 53037

Phone: 262-677-5523

Fax: 262-677-5530

Email: mstrobel@payneanddolan.com

PULVERIZE/BINDER COURSE

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
<u>1. Jackson Drive</u> – Twin Creeks Road (north end) to Western Avenue 22' wide 3" thick #2 grade asphalt (Town estimate – 2,050 tons)	<u>2080</u> Tons	@ \$ <u>50.90</u>	<u>105,872.00</u>
<u>2. Cedar Creek Road</u> – CTH P to the railroad tracks 23' wide 3" thick #2 grade asphalt (Town estimate – 1,674 tons)	<u>1730</u> Tons	@ \$ <u>50.90</u>	<u>\$88,057.00</u>
Alternate – 25' wide option	<u>1880</u> Tons	@ \$ <u>50.90</u>	<u>\$95,692.00</u>
<u>3. Cedar Creek Road</u> – Railroad tracks to Jackson Drive 23' wide 3" thick #2 grade asphalt (Town estimate – 464 tons)	<u>465</u> Tons	@ \$ <u>50.90</u>	<u>\$23,668.50</u>



PROJECT MANUAL FOR
FINAL PAVING
MISCELLANEOUS STREETS
2018
PROJECT NO. 180322



PREPARED BY:



93 S. PIONEER ROAD
SUITE 300
FOND DU LAC, WISCONSIN 54935
(920) 924-5720
(920) 924-5725 FAX

DOCUMENT 00010

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00500	Agreement	8
00560	Contract Changer Order.....	2
00600	Contract Forms.....	1
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END OF DOCUMENT

DOCUMENT 00030

ADVERTISEMENT FOR BIDS

VILLAGE OF JACKSON
FINAL PAVING
MISCELLANEOUS STREETS
2018

OWNER

Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037
(262) 677-9001
(262) 677-9710 Fax

ENGINEER

Gremmer & Associates, Inc.
93 S. Pioneer Road, Suite 300
Fond du Lac, WI 54935
(920) 924-5720
(920) 924-5725 Fax

Project No. 180322

Sealed bids will be received by the Village of Jackson, Village Hall, N168 W20733 Main Street, P.O. Box 637 Jackson, Wisconsin 53037 for Final Paving – Miscellaneous Streets, 2018 until 2:00 p.m., March 22, 2018. Bids received after this time will not be accepted.

Bids will be opened and publicly read aloud at the Village Hall, immediately after specified closing time. All interested parties are invited to attend.

The work generally consists of preparation for and placement of the final lift of HMA pavement on the following streets:

1,225	SY	Living Word Lane
6,165	SY	Stonewall Drive and Georgetown Drive
2,810	SY	Highland Road
5,460	SY	English Oaks Drive

Bids will be received on a unit price basis.

Each bid must be accompanied by a bid bond, a certified check, or a bank cashier's check as bid security, in the sum of five percent (5%) of the bid, payable to the Village of Jackson as a guarantee that if the bid is accepted, a Contract will be entered into and its performance properly secured within fifteen (15) days of the award of Contract. Should any bid be rejected, such bid security will be forthwith returned to the bidder, and should any bid be accepted, such bid bond or check will be returned upon the timely and proper execution and securing of the Contract. In case the successful bidder shall fail to execute the Contract and Performance Bond, the amount of the bid bond or check shall be forfeited to the Village of Jackson as liquidated damages.

Copies of the Bidding Documents may be obtained **ONLY** from www.gremmerassociates.com or www.questcdn.com. No paper plan sets will be provided. Access the Gremmer & Associates, Inc. or QuestCDN web site to view and download bid information and documents on or after **March 8, 2018**, for a non-refundable fee of \$10.00. Input QuestCDN eBidDoc No. **5608147** on the Gremmer & Associates Contract Bids page or on the QuestCDN Project Search page. No password is required. Contact QuestCDN.com at 952-233-1632 or info@questcdn.com for assistance in downloading and working with the digital documents.

Copies of the Bidding Documents are available for viewing at the following offices:

1. Village of Jackson, Village Hall, N168 W20733 Main Street, Jackson, WI, 53037.
2. Gremmer & Associates, Inc., 93 S. Pioneer Road, Suite 300, Fond du Lac, WI 54935.

If the Contractor is not on the Wisconsin Department of Transportation Prequalified Contractors List, a Statement of Qualification of Bidders shall be submitted to the Engineer a minimum of 3 business days prior to the bid opening.

The Village of Jackson reserves the right to reject any or all bids, waive any informality in bidding, or accept the bid(s) which serves the best interest of the Village.

Questions regarding this project should be directed to Mr. Jeff Chvosta, P.E. of Gremmer & Associates, Inc. at (920) 924-5720, (920) 924-5725 fax.

For the Village of Jackson:

Brian Kober, P.E.
Director of Public Works/Village Engineer

Published: March 8, 2018
 March 15, 2018

END OF DOCUMENT

DOCUMENT 00100

INSTRUCTION TO BIDDERS

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ARTICLE 1 – DEFINED TERMS

- 1.01 Terms used in these Instructions to Bidders will have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings below, which are applicable to both the singular and plural thereof:
- A. *Bidder* - The individual or entity who submits a Bid directly to OWNER.
 - B. *Issuing Office* - The office from which the Bidding Documents are to be issued and where the bidding procedures are to be administered.
 - C. *Successful Bidder* - The lowest responsible Bidder submitting a responsive Bid to whom OWNER (on the basis of OWNER's evaluation as hereinafter provided) makes an award.

ARTICLE 2 – COPIES OF BIDDING DOCUMENTS

- 2.01 Complete sets of the Bidding Documents are available as stated in the Advertisement or Invitation to Bid.
- 2.02 Complete sets of Bidding Documents must be used in preparing Bids; neither OWNER nor ENGINEER assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- 2.03 OWNER AND ENGINEER in making copies of Bidding Documents available on the above terms do so only for the purpose of obtaining Bids for the Work and do not confer license or grant for any other use.

ARTICLE 3 – DISQUALIFICATION OF BIDDERS

- 3.01 Any of the following reasons may be considered as sufficient cause for the disqualification of a Bidder and the rejection of his Proposal or Proposals:
- A. More than one Proposal for the same work from an individual, partnership or corporation under the same or different names.
 - B. Evidence of collusion among Bidders.
 - C. Lack of Responsibility as shown by performance on past work.
 - D. Uncompleted work, which in the judgment of the OWNER, might hinder or prevent the prompt completion of this project.

- E. Conviction of a violation of State or Federal law or regulation relating to or reflecting on the competency of the Bidder for performing the work under this Contract.
- F. Unbalanced bids or prices given in the Proposal.
- G. Gross errors in computation, which cannot be resolved by mathematical correction without resorting to information not contained in the Proposal.

ARTICLE 4 – EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND SITE

4.01 *Subsurface and Physical Conditions*

- A. N/A.

4.02 *Underground Facilities*

- A. N/A.

4.03 On request, OWNER will provide Bidder access to the Site to conduct such examinations, investigations, explorations, tests, and studies as Bidder deems necessary for submission of a Bid. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

4.04 Reference is made to Section 01011, Summary of Project for the identification of the general nature of other work that is to be performed at the Site by OWNER or others (such as utilities and other prime contractors) that relates to the Work for which a Bid is to be submitted. On request, OWNER will provide to each Bidder for examination access to or copies of Contract Documents (other than portions thereof related to price) for such other work.

4.05 It is the responsibility of each Bidder before submitting a Bid to:

- A. Examine and carefully study the Bidding Documents, including any Addenda and the other related data identified in the Bidding Documents;
- B. Visit the Site and become familiar with and satisfy Bidder as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work;
- C. Become familiar with and satisfy Bidder as to all federal, state, and local Laws and Regulations that may affect cost, progress, or performance of the Work;

- D. Carefully study all reports of explorations and test of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in Paragraph 4.02 of the General Conditions;
 - E. Obtain and carefully study (or assume responsibility for doing so) all examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto;
 - F. Agree at the time of submitting its Bid that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the Work at the price bid and within the times and in accordance with the other terms and conditions of the Bidding Documents;
 - G. Become aware of the general nature of the work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Bidding Documents;
 - H. Correlate the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents;
 - I. Promptly give ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by ENGINEER is acceptable to Bidder; and
 - J. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work.
- 4.06 The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article 1.10, that without exception the Bid is premised upon performing and furnishing the Work required by the Bidding Documents and applying any specific means, methods, techniques, sequences, and procedures of construction that may be shown or indicated or expressly required by the Bidding Documents, that Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents and the written resolutions thereof by ENGINEER are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work.

ARTICLE 5 – PRE-BID CONFERENCE

Not used.

ARTICLE 6 - SITE AND OTHER AREAS

- 6.01 The Site is identified in the Bidding Documents. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the Work are to be obtained and paid for by CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities are to be obtained and paid for by OWNER unless otherwise provided in the Bidding Documents.

ARTICLE 7 – INTERPRETATIONS AND ADDENDA

- 7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to ENGINEER in writing. Interpretations or clarifications considered necessary by ENGINEER in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by ENGINEER as having received the Bidding Documents. Questions received less than seven days prior to the date for opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.
- 7.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by OWNER or ENGINEER.

ARTICLE 8 – BID SECURITY

- 8.01 A Bid must be accompanied by Bid security made payable to OWNER in an amount of 5% of Bidder's maximum Bid price and in the form of a certified check or bank cashier's check or a Bid Bond issued by a surety meeting the requirements of Paragraphs 5.01 and 5.02 of the General Conditions.
- 8.02 The Bid security of the Successful Bidder will be retained until such Bidder has executed the Contract Documents, furnished the required contract security and met the other conditions of the Notice of Award, whereupon the Bid security will be returned. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required contract security within 15 days after the Notice of Award, OWNER may annul the Notice of Award and the Bid security of that Bidder will be forfeited. The Bid security of other Bidders whom OWNER believes to have a reasonable chance of receiving the award may be retained by OWNER until the earlier of seven days after the Effective Date of the Agreement or 61 days after the Bid opening, whereupon Bid security furnished by such Bidders will be returned.

- 8.03 Bid security of other Bidders whom OWNER believes do not have a reasonable chance of receiving the award will be returned within seven days after the Bid opening.

ARTICLE 9 – CONTRACT TIMES

- 9.01 The number of days within which, or the dates by which, the Work is to be (a) Substantially Completed and (b) also completed and ready for final payment are set forth in the Agreement.

ARTICLE 10 – LIQUIDATED DAMAGES

- 10.01 Provisions for liquidated damages, if any, are set forth in the Agreement.

ARTICLE 11 – SUBSTITUTE AND “OR EQUAL” ITEMS

- 11.01 The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration of possible substitute or "or-equal" items. Whenever it is specified or described in the Bidding Documents that a substitute or "or-equal" item of material or equipment may be furnished or used by CONTRACTOR if acceptable to ENGINEER, application for such acceptance will not be considered by ENGINEER until after the Effective Date of the Agreement. The procedure for submission of any such application by CONTRACTOR and consideration by ENGINEER is set forth in the General Conditions and may be supplemented in the Supplementary Conditions.

ARTICLE 12 – SUBCONTRACTORS, SUPPLIERS, AND OTHERS

- 12.01 The Supplementary Conditions require the identity of Subcontractors, Suppliers, individuals, or entities to be submitted to OWNER in advance of a specified date prior to the Effective Date of the Agreement, the apparent Successful Bidder, and any other Bidder so requested, shall within five days after Bid opening, submit to OWNER a list of all such Subcontractors, Suppliers, individuals, or entities proposed for those portions of the Work for which such identification is required. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification of each such Subcontractor, Supplier, individual, or entity if requested by OWNER. If OWNER or ENGINEER, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual, or entity, OWNER may, before the Notice of Award is given, request apparent Successful Bidder to submit a substitute without an increase in Bid.
- 12.02 If apparent Successful Bidder declines to make any such substitution, OWNER may award the Contract to the next lowest Bidder that proposes to use acceptable Subcontractors,

Suppliers, individuals, or entities. Declining to make requested substitutions will not constitute grounds for forfeiture of the Bid security of any Bidder. Any Subcontractor, Supplier, individual, or entity so listed and against which OWNER or ENGINEER makes no written objection prior to the giving of the Notice of Award will be deemed acceptable to OWNER and ENGINEER subject to revocation of such acceptance after the Effective Date of the Agreement as provided in Paragraph 6.06 of the General Conditions.

- 12.03 CONTRACTOR shall not be required to employ any Subcontractor or Supplier against whom CONTRACTOR has reasonable objection.

ARTICLE 13 – PREPARATION OF BID

- 13.01 The Bid form is included with the Bidding Documents.
- 13.02 All blanks on the Bid form shall be completed by printing in ink or by typewriter and the Bid signed. A Bid price shall be indicated for each Bid item listed therein, or the words "No Bid", "No Charge", or "Not Applicable" entered.
- 13.03 A Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.
- 13.04 A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership shall be shown below the signature.
- 13.05 A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.
- 13.06 A Bid by an individual shall show the Bidder's name and official address.
- 13.07 A Bid by a joint venture shall be executed by each joint venturer in the manner indicated on the Bid form. The official address of the joint venture must be shown below the signature.
- 13.08 All names shall be typed or printed in ink below the signatures.
- 13.09 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid form.
- 13.10 The address and telephone number for communications regarding the Bid shall be shown.
- 13.11 The Bid shall contain evidence of Bidder's authority and qualification to do business in the state where the Project is located or covenant to obtain such qualification prior to award of

the Contract. Bidder's state contractor license number for the state of the Project, if any, shall also be shown on the Bid form.

ARTICLE 14 – BASIS OF BID; EVALUATION OF BIDS

14.02 Unit Price

- A. Bidders shall submit a Bid on a unit price basis for each item of Work listed in the Bid schedule.
- B. The total of all estimated prices will be determined as the sum of the products of the estimated quantity of each item and the unit price Bid for the item. The final quantities and Contract Price will be determined in accordance with Paragraph 11.03 of the General Conditions.
- C. Discrepancies between the multiplication of units of work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. Discrepancies between words and figures will be resolved in favor of the words.

ARTICLE 15 – SUBMITTAL OF BID

15.01 Each prospective Bidder is furnished one copy of the Bidding Documents, and if required, the Bid Bond. A copy of the Bid form is to be completed and submitted with the Bid security and the following data:

- A. Bid Bond, Certified Check, or Bank Cashier's Check
- B. Document 00490; Disclosure of Ownership

15.02 A Bid shall be submitted no later than the date and time prescribed and at the place indicated in the Advertisement for Bids and shall be enclosed in an opaque sealed envelope plainly marked with the Project title (and, if applicable, the designated portion of the Project for which the Bid is submitted), the name and address of Bidder, and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate envelope plainly marked on the outside with the notation "BID ENCLOSED." A mailed Bid shall be addressed to Village of Jackson Department of Public Works, N168 W20733 Main Street, P.O. Box 637, Jackson, Wisconsin 53037.

ARTICLE 16 – MODIFICATION AND WITHDRAWAL OF BID

- 16.01 A Bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids.
- 16.02 If within 24 hours after Bids are opened, any Bidder files a duly signed written notice with OWNER and promptly thereafter demonstrates to the reasonable satisfaction of OWNER that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Work is rebid, that Bidder will be disqualified from further bidding on the work.

ARTICLE 17 – OPENING OF BIDS

- 17.01 Bids will be opened at the time and place indicated in the Advertisement or Invitation to Bid and read aloud publicly. An abstract of the amounts of the base Bids and major alternates, if any, will be made available to Bidders after the opening of Bids.

ARTICLE 18 – BIDS TO REMAIN SUBJECT TO ACCEPTANCE

- 18.01 All Bids will remain subject to acceptance for the period of time stated in the Bid form, but OWNER may, in its sole discretion, release any Bid and return the Bid security prior to the end of this Period.

ARTICLE 19 – AWARD OF CONTRACT

- 19.01 OWNER reserves the right to reject any or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. OWNER further reserves the right to reject the Bid of any Bidder whom it finds, after reasonable inquiry and evaluation, to be non-responsible. OWNER may also reject the Bid of any Bidder if OWNER believes that it would not be in the best interest of the Project to make an award to that Bidder. OWNER also reserves the right to waive all informalities not involving price, time, or changes in the Work and to negotiate contract terms with the Successful Bidder.
- 19.02 More than one Bid for the same Work from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Work may be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.
- 19.03 In evaluation Bids, OWNER will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

- 19.04 In evaluation Bidders, OWNER will consider the qualifications of Bidders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted as provided in the Supplementary Conditions.
- 19.05 OWNER may conduct such investigations as OWNER deems necessary to establish the responsibility, qualifications, and financial ability of Bidders, proposed Subcontractors, Suppliers, individuals, or entities to perform the Work in accordance with the Contract Documents.
- 19.06 If the Contract is to be awarded, OWNER will award the Contract to the Bidder whose Bid is in the best interests of the Project.

ARTICLE 20 – CONTRACT SECURITY AND INSURANCE

- 20.01 Article 5 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth OWNER's requirements as to performance and payment Bonds and insurance. When the Successful Bidder delivers the executed Agreement to OWNER, it must be accompanied by such Bonds.

ARTICLE 21 –SIGNING OF AGREEMENT

- 21.01 When OWNER gives a Notice of Award to the Successful Bidder, it shall be accompanied by the required number of unsigned counterparts of the Agreement with the other Contract Documents which are identified in the Agreement as attached thereto. Within 15 days thereafter, Successful Bidder shall sign and deliver the required number of counterparts of the Agreement and attached documents to OWNER. Within ten days thereafter, OWNER shall deliver one fully signed counterpart to Successful Bidder with a complete set of the Drawings with appropriate identification.

END OF DOCUMENT

DOCUMENT 00300

BID FORM

OWNERS: Village of Jackson, Wisconsin

PROJECT: Final Paving
Miscellaneous Street

NUMBER: 180322

THIS BID IS SUBMITTED TO: Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037

- 1.01 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNERS 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.
- 2.01 Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. The Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of OWNERS.
- 3.01 In submitting this Bid, Bidder represents, as set forth in the Agreement, that:
- A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged:

Addendum No.

Addendum Date

- 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 federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.

- D. Bidder has carefully studied all: all drawings of physical conditions in or relation to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities), if any, which have been identified in the Supplementary Conditions as provided in paragraph 4.02 of the General Conditions.
 - E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of 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 to be employed by Bidder, and safety precautions and programs incident thereto.
 - F. Bidder does not consider that any further examinations, investigations, exploration, 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 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 OWNERS and others at the Site that relates to the Work as indicated in the Bidding Documents.
 - H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
 - I. 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.
 - J. 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.
- 4.01 Bidder further represents that 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 agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any individual or entity to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNERS.
- 5.01 Bidder will complete the Work in accordance with the Contract Documents for the following unit prices:

The Village of Jackson may choose any of the alternates or combination of alternates.

LIVING WORD LANE					
Item	Description	Units	Quantity	Unit Price	Total
200A	HMA Pavement –Surface Course Living Word Lane	SY	1,225		
200B	Pulverize & Relay w/ HMA Pavement Binder Course & Surface Course Living Word Lane	SY	1,225		

STONEWALL DRIVE & GEORGETOWN DRIVE					
Item	Description	Units	Quantity	Unit Price	Total
300A	HMA Pavement – Surface Course Stonewall Drive & Georgetown Drive	SY	6,165		
300B	Pulverize & Relay w/ HMA Pavement Binder Course & Surface Course Stonewall Drive & Georgetown Drive	SY	6,165		

HIGHLAND ROAD					
Item	Description	Units	Quantity	Unit Price	Total
400A	HMA Pavement – Surface Course Highland Road	SY	2,810		
400B	Pulverize & Relay w/ HMA Pavement Binder Course & Surface Course Highland Road	SY	2,810		

ENGLISH OAKS DRIVE					
Item	Description	Units	Quantity	Unit Price	Total
500A	HMA Pavement – Surface Course English Oaks Drive	SY	5,460		
500B	Pulverize & Relay w/ HMA Pavement Binder Course & Surface Course English Oaks Drive	SY	5,460		

The Village of Jackson is requesting unit prices for the following supplemental items and may choose to add this work to the alternates:

UNIT PRICING			
Item	Description	Units	Unit Price
600	HMA Base Patching	SY	
601	Concrete Curb & Gutter	LF	
602	Concrete Sidewalk	SF	

- 6.01 Bidder agrees that the Work will be complete as specified in Document 00500, Agreement, Article 4.02, Contract Time, and ready for final payment in accordance with Paragraph 14.07.B of the General Conditions and Article 4.02 of the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified above, which shall be stated in the Agreement.
- 7.01 The following documents are attached to and made a condition of this Bid:
- A. Required Bid bond in the form of Bid Bond, Certified Check or Bank Cashier's Check.
 - B. Document 00490, Disclosure of Ownership
- 8.01 The terms used in this Bid, which are defined in the General Conditions of the Construction Contract included as part of the Contract Documents and have the meanings assigned to them in the General Conditions.

SUBMITTED on _____, 2018.

If BIDDER is:

An Individual

By: _____ (SEAL)
(Individual's Name Typed or Printed)

doing business as _____

Business address: _____

Phone No. _____ Fax No. _____

A Partnership

Partnership Name: _____ (SEAL)

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

Name (typed or printed): _____

Business address: _____

Phone No. _____ Fax No. _____

A Corporation

By: _____
(Corporation name)

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: _____
(Secretary)

Business address: _____

Phone No. _____ Fax No. _____

A Joint Venture

Joint Venturer Name: _____ (SEAL)

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

Title: _____

Business Address: _____

Phone No. _____ Fax No. _____

Joint Venturer Name: _____ (SEAL)

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

Title: _____

Business Address: _____

Phone No. _____ Fax No. _____

Phone and Fax Number, and Address for receipt of official communications:

(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).

END OF DOCUMENT

DOCUMENT 00420

STATEMENT OF QUALIFICATION OF BIDDERS

Note: Statement of Qualification of Bidders only required to be submitted if contractor is not on the Wisconsin Department of Transportation Prequalified Contractors List.

In accordance with the requirements of the Wisconsin Statutes and the rules adopted by the Village of Jackson, pursuant thereto, for qualification of Bidders to bid upon public work for which bids are advertised in the _____, (I) (we) hereby submit the following information:

Bidder's Name: _____

Address: _____

ZIP: _____ Phone: _____

Experience of the Bidder during the past five years in the prosecution of contracts for similar to that covered by the Bid:

Equipment which is available to be assigned to the project in the event the contract is awarded to this Bidder:

A summary balance sheet showing the assets and liabilities of the Bidder at a date not longer than ninety (90) days before the date of the bid is hereto attached and forms a part of this Certificate.

Dated at _____, Wisconsin, this _____ day of _____, 20____.

(Print/type name and title)

Countersigned by:

(Print/type name and title)

STATE OF WISCONSIN)

_____COUNTY)

_____, being first duly sworn on oath, deposes and says:

He is the individual who signed the attachment Statement of _____, and has been duly authorized by his partner(s) to verify the attached Statement of Qualifications.

_____ and _____

_____ and _____

respectively, of _____

(corporation), and have been duly authorized to execute the attached Statement of Qualifications.

That (he has) (they have) read the above and foregoing Certificate, know the contents thereof and that the same are true to (his) (their) own knowledge.

Subscribed and sworn to before me this _____ day of

_____, 20_____.

Notary Public

My Commission Expires:_____

Disclosure of Ownership

The statutory authority for the use of this form is prescribed in Sections 66.0903(12)(d), 66.0904(10)(d) and 103.49(7)(d), Wisconsin Statutes.

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1) (m), Wisconsin Statutes].

- (1)** On the date a contractor submits a bid to or completes negotiations with a state agency, local governmental unit, or developer, investor or owner on a project subject to Section 66.0903, 66.0904 or 103.49, Wisconsin Statutes, the contractor shall disclose to such state agency, local governmental unit, or developer, investor or owner, the name of any "other construction business," which the contractor, or a shareholder, officer or partner of the contractor, owns or has owned within the preceding three (3) years.
- (2)** The term "other construction business" means any business engaged in the erection, construction, remodeling, repairing, demolition, altering or painting and decorating of buildings, structures or facilities. It also means any business engaged in supplying mineral aggregate, or hauling excavated material or spoil as provided by Sections 66.0903(3), 66.0904(2), 103.49(2) and 103.50(2), Wisconsin Statutes.
- (3)** This form must **ONLY** be filed, with the state agency project owner, local governmental unit project owner, or developer, investor or owner of a publicly funded private construction project that will be awarding the contract, if **both (A) and (B) are met**.
- (A)** The contractor, or a shareholder, officer or partner of the contractor:
- (1) Owns at least a 25% interest in the "other construction business," indicated below, on the date the contractor submits a bid or completes negotiations; or
 - (2) Has owned at least a 25% interest in the "other construction business" at any time within the preceding three (3) years.
- (B)** The Wisconsin Department of Workforce Development (DWD) has determined that the "other construction business" has failed to pay the prevailing wage rate or time and one-half the required hourly basic rate of pay, for hours worked in excess of the prevailing hours of labor, to any employee at any time within the preceding three (3) years.

Other Construction Business

Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code

I hereby state under penalty of perjury that the information, contained in this document, is true and accurate according to my knowledge and belief.

Print the Name of Authorized Officer			
Authorized Officer Signature		Date Signed	
Corporation, Partnership or Sole Proprietorship Name			
Street Address or P O Box	City	State	Zip Code

If you have any questions call (608) 266-6861

DOCUMENT 00500

AGREEMENT

- A. THIS AGREEMENT is by and between the Village of Jackson, Wisconsin hereinafter called _____, OWNERS and hereinafter called CONTRACTOR.
- B. OWNERS and CONTRACTOR, in consideration of mutual covenants hereinafter set forth, agree as follows:

ARTICLE 1 – WORK

- 1.01 CONTRACTOR shall complete all Work as specified or indicated in the Contract Documents. Work is generally described as follows:

Preparation and placement of HMA pavement on Living Word Lane, Stonewall Drive, Georgetown Drive, Highland Road, and English Oaks Drive.

ARTICLE 2 – THE PROJECT

- 2.01 Project for which Work under Contract Documents may be whole or only a part is generally described as follows:

Final Paving
Miscellaneous Streets

ARTICLE 3 - ENGINEER

- A. Project has been designed by: GREMMER & ASSOCIATES, INC.
93 S. Pioneer Road
Suite 300
Fond du Lac, WI 54935
(920) 924-5720
(920) 924-5725 FAX

who is hereinafter called ENGINEER and who is to act as the OWNER's representative, assumes duties and responsibilities and will have rights and authority assigned to ENGINEER in the Contract Documents in connection with the completion of Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

4.01 *Time of the Essence*

- A. All time limits for Milestones, Completion, and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Dates for Completion and Final Payment*

- A. All work on Living Word Lane, Stonewall Drive, Georgetown Drive, Highland Road, and English Oaks Drive under this contract shall be completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions no later than August 31, 2018.
- B. The project is tentatively scheduled to be reviewed at the March 27, 2018 Board of Public Works meeting and April 3, 2018 Village Board meeting. CONTRACTOR may need to adjust start date and schedule of operations based on the status of the above-mentioned items.

4.03 *Liquidated Damages.*

- A. CONTRACTOR AND OWNERS recognize that time is of the essence of this Agreement and OWNERS will suffer financial loss if Work is not completed within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 12 of General Conditions. The parties also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceedings the actual loss suffered by OWNERS if the Work is not complete on time. Accordingly, instead of requiring any such proof, OWNERS and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNERS five hundred dollars (\$500.00) for each day that expires after time specified in Paragraph 4.02 for Final Completion until the Work is complete or until the milestones specified in 4.02 are met.

ARTICLE 5 – CONTRACT PRICE

- 5.01 OWNERS shall pay CONTRACTOR for performance of Work in accordance with Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Paragraphs 5.01.A.

See attached copy of Bid Form.

ARTICLE 6 – PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

- A. CONTRACTOR shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be processed by ENGINEER as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

- A. OWNERS shall make progress payments on account of the Contract Price on the basis of CONTRACTOR's Applications for Payment on or about the 15th day of each month during performance of the Work as provided in Paragraphs 6.02.A.1 and 6.02.A.2 below. All such payments will be measured by the schedule of values established in Paragraph 2.07.A of the General Conditions.
 - 1. The OWNERS will retain 5% of the amount due the CONTRACTOR until 50% of the amount due the CONTRACTOR is reached. At 50% completion, further partial payments shall be made in full to CONTRACTOR and no additional amounts may be retained unless ENGINEER certifies that job is not proceeding satisfactory, but amounts previously retained shall not be paid to CONTRACTOR. At 50% completion or any time thereafter when progress of work is not satisfactory, additional amounts may be retained but in no event shall total retainage be more than 10% of value of work completed.
 - 2. Upon Substantial Completion, OWNERS shall pay an amount sufficient to increase total payments to CONTRACTOR to 98% of the Work completed, less such amounts as ENGINEER shall determine in accordance with Paragraph 14.02.B.5 of the General Conditions and less 100% of ENGINEER's estimate of the value of Work to be completed or corrected as shown on the tentative list of items to be completed or corrected attached to the certificate of Substantial Completion.

6.03 *Final Payment*

- A. Upon final completion and acceptance of the Work in accordance with Paragraph 14.07 of the General Conditions, OWNERS shall pay the remainder of the Contract Price as recommended by ENGINEER as provided in said Paragraph 14.07.

ARTICLE 7 – INTEREST

Not used.

ARTICLE 8 – CONTRACTOR’S REPRESENTATIONS

8.01 In order to induce OWNERS to enter into this Agreement, CONTRACTOR makes the following representations:

- A. CONTRACTOR has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
- B. CONTRACTOR 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. CONTRACTOR is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. CONTRACTOR 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 in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which has been identified in the Supplementary Conditions as provided in Paragraph 4.02 of the General Conditions.
- E. CONTRACTOR has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by CONTRACTOR, including applying the specific means, methods, techniques, sequences, and procedures of construction, if any, expressly required by the Contract Documents to be employed by CONTRACTOR, and safety precautions and programs incident thereto.
- F. CONTRACTOR does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- G. CONTRACTOR is aware of the general nature of the work to be performed by OWNERS and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. CONTRACTOR has correlated the information known to CONTRACTOR, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.

- I. CONTRACTOR has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that CONTRACTOR has discovered in the Contract Documents, and the written resolution thereof by ENGINEER is acceptable to CONTRACTOR.
- J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

ARTICLE 9 – CONTRACT DOCUMENTS

9.01 *Contents*

- A. The Contract Documents consists of the following:
 - 1. This Agreement (pages 00500-1 to 00500-8, inclusive);
 - 2. Performance Bond (pages 00610-1 to 00610-2, inclusive);
 - 3. Payment Bond (pages 00615-1 to 00615-2, inclusive);
 - 4. Other Bonds (pages _____ to _____, inclusive);
 - a. _____ (pages _____ to _____, inclusive);
 - b. _____ (pages _____ to _____, inclusive);
 - c. _____ (pages _____ to _____, inclusive);
 - 5. General Conditions
 - 6. Supplementary Conditions (pages 00810-1 to 00810-5, inclusive);
 - 7. Specifications as listed in the table of contents of the Project Manual;
 - 8. Addenda (numbers _____ to _____, inclusive);
 - 9. Exhibits to this Agreement (enumerated as follows):
 - a. Notice to Proceed (pages _____ to _____, inclusive);
 - b. CONTRACTOR's Bid (pages _____ to _____, inclusive);
 - c. Documentation submitted by CONTRACTOR prior to Notice of Award (pages _____ to _____, inclusive);

d. _____;

10. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:

- a. Written Amendments;
- b. Work Change Directives;
- c. Change Order(s).

B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 9.

D. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraph 3.05 of the General Conditions.

ARTICLE 10 – MISCELLANEOUS

10.01 *Terms*

A. Terms used in this Agreement will have the meanings indicated in the General Conditions.

10.02 *Assignment of Contract*

A. No assignment by a party hereto of any rights under or interests in Contract will be binding on another party hereto without written consent of party sought to be bound; and, specifically but without limitation, monies that may become due and monies that are due may not be assigned without such consent (except to extent that effect of this restriction may be limited by law), and unless specifically stated to contrary in any written consent to an assignment, no assignment will release or discharge assignor from any duty of responsibility under Contract Documents.

10.03 *Successors and Assigns*

A. OWNERS and CONTRACTOR each binds himself, his partners, successors, assigns and legal representatives to the other party hereto, his partners, successors, assigns and legal representatives in respect to all covenants, agreements and obligations contained in Contract Documents.

10.04 Severability

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon OWNERS and CONTRACTOR, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

IN WITNESS THEREOF, OWNERS and CONTRACTOR have signed this Agreement in duplicate. One counterpart each has been delivered to OWNERS and to CONTRACTOR. All portions of the Contract Documents have been signed or identified by OWNERS and CONTRACTOR or on their behalf.

This Agreement will be effective on _____, _____
(which is the Effective Date of the Agreement).

OWNER (Village of Jackson):

CONTRACTOR:

By: _____

By: _____

[CORPORATE SEAL]

[CORPORATE SEAL]

Attest _____

Attest _____

Address for giving notices:

Address for giving notices:

(If OWNER is a corporation, attach evidence of authority to sign. If OWNER is a public body, attach evidence of authority to sign and and resolution or other documents authorizing execution of OWNER-CONTRACTOR Agreement.)

License No. _____
(Where applicable)

Agent for service of process: _____

(If CONTRACTOR is a corporation or a partnership, attach evidence of authority to sign.)

Designated Representative:

Designated Representative:

Name: _____

Name: _____

Title: _____

Title: _____

Address: _____

Address: _____

Phone: _____

Phone: _____

Facsimile: _____

Facsimile: _____

END OF DOCUMENT

DOCUMENT 00560

CONTRACT CHANGE ORDER

Order No.: _____

Date: _____

Agreement Date: _____

NAME OF PROJECT: _____

OWNER: **Village of Jackson**

CONTRACTOR: _____

The following changes are hereby made to the CONTRACT DOCUMENTS:

Justification:

Change to CONTRACT PRICE:

Original Contract Price: \$ _____

Current Contract Price adjusted by Previous Change Order: \$ _____

The Contract Price due to this Change Order will be increased by: \$ _____

The new Contract Price including this Change Order will be: \$ _____

Change to CONTRACT TIME:

The CONTRACT TIME will be (increased/decreased) by **X** calendar days.

The date for completion of all work will be **TBD**.

Accepted By: _____ Owner

Representing: Village of Jackson

Print Name/Title: _____

Date: _____

Recommended By: _____ Engineer

Representing: _____

Print Name/Title: _____

Date: _____

Requested By: _____ Contractor

Representing: _____

Print Name/Title: _____

Date: _____

DOCUMENT 00600

CONTRACT FORMS

PART 1 - GENERAL

1.01 FORMS INCLUDED BY REFERENCE

- A. Notice of Award:
 - 1. Notice of Award for this project shall be EJCDC C-510 (2002 Edition), a copy of which can be purchased from the National Society of Professional Engineers or seen in the office of the ENGINEER.
- B. Notice To Proceed:
 - 1. Notice To Proceed for this project shall be EJCDC C-550 (2002 Edition), a copy of which can be purchased from the National Society of Professional Engineers or seen in the office of the ENGINEER.
- C. Application for Payment:
 - 1. Application for Payment form for this project shall be EJCDC C-620 (2002 Edition), a copy of which can be purchased from the National Society of Professional Engineers or seen in the office of the ENGINEER.
- D. Certificate of Substantial Completion:
 - 1. Certificate of Substantial Completion for this project shall be EJCDC C-625 (2002 Edition), a copy of which can be purchased from the National Society of Professional Engineers or seen in the office of the ENGINEER.
- E. Standard General Conditions of the Construction Contract:
 - 1. Standard General Conditions of the Construction Contract for this project shall be EJCDC C-700 (2002 Edition), a copy of which can be purchased from the National Society of Professional Engineers or seen in the office of the ENGINEER.
- F. Work Change Directive:
 - 1. Work Change Directive for this project shall be EJCDC C-940 (2002 Edition), a copy of which can be purchased from the National Society of Professional Engineers or seen in the office of the ENGINEER.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

END OF DOCUMENT

PERFORMANCE BOND

Any singular reference to Contractor, Surety, Owner, or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal Place of Business):

OWNER (Name and Address):

CONTRACT

Date:

Amount:

Description (Name and Location):

BOND

Bond Number:

Date (Not earlier than Contract Date):

Amount:

Modifications to this Bond Form:

Surety and Contractor, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Performance Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

CONTRACTOR AS PRINCIPAL

Company:

Signature: _____ (Seal)

Name and Title:

(Space is provided below for signatures of additional parties, if required.)

CONTRACTOR AS PRINCIPAL

Company:

Signature: _____ (Seal)

Name and Title:

SURETY

(Seal)

Surety's Name and Corporate Seal

By:

Signature and Title

(Attach Power of Attorney)

Attest:

Signature and Title

SURETY

(Seal)

Surety's Name and Corporate Seal

By:

Signature and Title

(Attach Power of Attorney)

Attest:

Signature and Title:

EJCDC No. C-610 (2002 Edition)

Originally prepared through the joint efforts of the Surety Association of America, Engineers Joint Contract Documents Committee, the Associated General Contractors of America, and the American Institute of Architects.

1. Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to Owner for the performance of the Contract, which is incorporated herein by reference.

2. If Contractor performs the Contract, Surety and Contractor have no obligation under this Bond, except to participate in conferences as provided in Paragraph 3.1.

3. If there is no Owner Default, Surety's obligation under this Bond shall arise after:

3.1. Owner has notified Contractor and Surety, at the addresses described in Paragraph 10 below, that Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with Contractor and Surety to be held not later than 15 days after receipt of such notice to discuss methods of performing the Contract. If Owner, Contractor and Surety agree, Contractor shall be allowed a reasonable time to perform the Contract, but such an agreement shall not waive Owner's right, if any, subsequently to declare a Contractor Default; and

3.2. Owner has declared a Contractor Default and formally terminated Contractor's right to complete the Contract. Such Contractor Default shall not be declared earlier than 20 days after Contractor and Surety have received notice as provided in Paragraph 3.1; and

3.3. Owner has agreed to pay the Balance of the Contract Price to:

1. Surety in accordance with the terms of the Contract;
2. Another contractor selected pursuant to Paragraph 4.3 to perform the Contract.

4. When Owner has satisfied the conditions of Paragraph 3, Surety shall promptly and at Surety's expense take one of the following actions:

4.1. Arrange for Contractor, with consent of Owner, to perform and complete the Contract; or

4.2. Undertake to perform and complete the Contract itself, through its agents or through independent contractors; or

4.3. Obtain bids or negotiated proposals from qualified contractors acceptable to Owner for a contract for performance and completion of the Contract, arrange for a contract to be prepared for execution by Owner and Contractor selected with Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Contract, and pay to Owner the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by Owner resulting from Contractor Default; or

4.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

1. After investigation, determine the amount for which it may be liable to Owner and, as soon as practicable after the amount is determined, tender payment therefor to Owner; or
2. Deny liability in whole or in part and notify Owner citing reasons therefor.

5. If Surety does not proceed as provided in Paragraph 4 with reasonable promptness, Surety shall be deemed to be in default on this Bond 15 days after receipt of an additional written notice from Owner to Surety demanding that Surety perform its obligations under this Bond, and Owner shall be entitled to enforce any remedy available to Owner. If Surety proceeds as provided in Paragraph 4.4, and Owner refuses the payment tendered or Surety has denied liability, in whole or in part, without further notice Owner shall be entitled to enforce any remedy available to Owner.

6. After Owner has terminated Contractor's right to complete the Contract, and if Surety elects to act under Paragraph 4.1, 4.2, or 4.3 above, then the responsibilities of Surety to Owner shall not be greater than those of Contractor under the Contract, and the responsibilities of Owner to Surety shall not be greater than those of Owner under the Contract. To a limit of the amount of this Bond, but subject to commitment by Owner of the Balance of the Contract Price to mitigation of costs and damages on the Contract, Surety is obligated without duplication for:

6.1. The responsibilities of Contractor for correction of defective Work and completion of the Contract;

6.2. Additional legal, design professional, and delay costs resulting from Contractor's Default, and resulting from the actions or failure to act of Surety under Paragraph 4; and

6.3. Liquidated damages, or if no liquidated damages are specified in the Contract, actual damages caused by delayed performance or non-performance of Contractor.

7. Surety shall not be liable to Owner or others for obligations of Contractor that are unrelated to the Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than Owner or its heirs, executors, administrators, or successors.

8. Surety hereby waives notice of any change, including changes of time, to Contract or to related subcontracts, purchase orders, and other obligations.

9. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the Work or part of the Work is located and shall be instituted within two years after Contractor Default or within two years after Contractor ceased working or within two years after Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

10. Notice to Surety, Owner, or Contractor shall be mailed or delivered to the address shown on the signature page.

11. When this Bond has been furnished to comply with a statutory requirement in the location where the Contract was to be performed, any provision in this Bond conflicting with said statutory requirement shall be deemed deleted herefrom and provisions conforming to such statutory requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12. Definitions.

12.1 Balance of the Contract Price: The total amount payable by Owner to Contractor under the Contract after all proper adjustments have been made, including allowance to Contractor of any amounts received or to be received by Owner in settlement of insurance or other Claims for damages to which Contractor is entitled, reduced by all valid and proper payments made to or on behalf of Contractor under the Contract.

12.2. Contract: The agreement between Owner and Contractor identified on the signature page, including all Contract Documents and changes thereto.

12.3. Contractor Default: Failure of Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Contract.

12.4. Owner Default: Failure of Owner, which has neither been remedied nor waived, to pay Contractor as required by the Contract or to perform and complete or comply with the other terms thereof.

FOR INFORMATION ONLY – Name, Address and Telephone
Surety Agency or Broker
Owner's Representative (engineer or other party)

PAYMENT BOND

Any singular reference to Contractor, Surety, Owner, or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal Place of Business):

OWNER (Name and Address):

CONTRACT

Date:

Amount:

Description (Name and Location):

BOND

Bond Number:

Date (Not earlier than Contract Date):

Amount:

Modifications to this Bond Form:

Surety and Contractor, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Payment Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

CONTRACTOR AS PRINCIPAL

Company:

Signature: _____ (Seal)

Name and Title:

(Space is provided below for signatures of additional parties, if required.)

CONTRACTOR AS PRINCIPAL

Company:

Signature: _____ (Seal)

Name and Title:

SURETY

(Seal)

Surety's Name and Corporate Seal

By:

Signature and Title

(Attach Power of Attorney)

Attest:

Signature and Title

SURETY

(Seal)

Surety's Name and Corporate Seal

By:

Signature and Title

(Attach Power of Attorney)

Attest:

Signature and Title:

EJCDC No. C-615 (2002 Edition)

Originally prepared through the joint efforts of the Surety Association of America, Engineers Joint Contract Documents Committee, the Associated General Contractors of America, the American Institute of Architects, the American Subcontractors Association, and the Associated Specialty Contractors.

1. Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to Owner to pay for labor, materials, and equipment furnished by Claimants for use in the performance of the Contract, which is incorporated herein by reference.
 2. With respect to Owner, this obligation shall be null and void if Contractor:
 - 2.1. Promptly makes payment, directly or indirectly, for all sums due Claimants, and
 - 2.2. Defends, indemnifies, and holds harmless Owner from all claims, demands, liens, or suits alleging non-payment by Contractor by any person or entity who furnished labor, materials, or equipment for use in the performance of the Contract, provided Owner has promptly notified Contractor and Surety (at the addresses described in Paragraph 12) of any claims, demands, liens, or suits and tendered defense of such claims, demands, liens, or suits to Contractor and Surety, and provided there is no Owner Default.
 3. With respect to Claimants, this obligation shall be null and void if Contractor promptly makes payment, directly or indirectly, for all sums due.
 4. Surety shall have no obligation to Claimants under this Bond until:
 - 4.1. Claimants who are employed by or have a direct contract with Contractor have given notice to Surety (at the addresses described in Paragraph 12) and sent a copy, or notice thereof, to Owner, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.
 - 4.2. Claimants who do not have a direct contract with Contractor:
 1. Have furnished written notice to Contractor and sent a copy, or notice thereof, to Owner, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials or equipment were furnished or supplied, or for whom the labor was done or performed; and
 2. Have either received a rejection in whole or in part from Contractor, or not received within 30 days of furnishing the above notice any communication from Contractor by which Contractor had indicated the claim will be paid directly or indirectly; and
 3. Not having been paid within the above 30 days, have sent a written notice to Surety and sent a copy, or notice thereof, to Owner, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to Contractor.
 5. If a notice by a Claimant required by Paragraph 4 is provided by Owner to Contractor or to Surety, that is sufficient compliance.
 6. When a Claimant has satisfied the conditions of Paragraph 4, the Surety shall promptly and at Surety's expense take the following actions:
 - 6.1. Send an answer to that Claimant, with a copy to Owner, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.
 - 6.2. Pay or arrange for payment of any undisputed amounts.
 7. Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by Surety.
 8. Amounts owed by Owner to Contractor under the Contract shall be used for the performance of the Contract and to satisfy claims, if any, under any performance bond. By Contractor furnishing and Owner accepting this Bond, they agree that all funds earned by Contractor in the performance of the Contract are dedicated to satisfy obligations of Contractor and Surety under this Bond, subject to Owner's priority to use the funds for the completion of the Work.
 9. Surety shall not be liable to Owner, Claimants, or others for obligations of Contractor that are unrelated to the Contract. Owner shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.
 10. Surety hereby waives notice of any change, including changes of time, to the Contract or to related Subcontracts, purchase orders and other obligations.
 11. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the Work or part of the Work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by Paragraph 4.1 or Paragraph 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
 12. Notice to Surety, Owner, or Contractor shall be mailed or delivered to the addresses shown on the signature page. Actual receipt of notice by Surety, Owner, or Contractor, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.
 13. When this Bond has been furnished to comply with a statutory requirement in the location where the Contract was to be performed, any provision in this Bond conflicting with said statutory requirement shall be deemed deleted herefrom and provisions conforming to such statutory requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory Bond and not as a common law bond.
 14. Upon request of any person or entity appearing to be a potential beneficiary of this Bond, Contractor shall promptly furnish a copy of this Bond or shall permit a copy to be made.
15. DEFINITIONS
- 15.1. Claimant: An individual or entity having a direct contract with Contractor, or with a first-tier subcontractor of Contractor, to furnish labor, materials, or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Contract, architectural and engineering services required for performance of the Work of Contractor and Contractor's Subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.
 - 15.2. Contract: The agreement between Owner and Contractor identified on the signature page, including all Contract Documents and changes thereto.
 - 15.3. Owner Default: Failure of Owner, which has neither been remedied nor waived, to pay Contractor as required by the Contract or to perform and complete or comply with the other terms thereof.

**FOR INFORMATION ONLY – Name, Address and Telephone
Surety Agency or Broker:
Owner's Representative (engineer or other party):**

DOCUMENT 00810

SUPPLEMENTARY CONDITIONS

The Supplementary Conditions amend or supplement the "Standard General Conditions of the Construction Contract" (EJCDC No. C-700, 2007 Edition) 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.

ARTICLE 1 - DEFINITIONS

SC 1.01.

Amend Article 1.01 (A)(19) to read as follows:

Engineer - The Village Engineer, Village of Jackson.

ARTICLE 2 - PRELIMINARY MATTERS

SC 2.02.

Amend the first sentence of Article 2.02 of the General Conditions to indicate the number of copies of Contract Documents as follows:

Three copies of the Contract Documents shall be furnished.

SC 2.03.

Delete the last sentence of Article 2.03 of the General Conditions in its entirety.

SC 2.06.

Add new paragraph immediately after Article 2.06 of the General Conditions, which is to read as follows:

2.06(A) The conference will be held at a location selected by OWNER.

ARTICLE 5 - BONDS AND INSURANCE

SC 5.04.

Supplement Article 5.04 with the following information:

The limits of liability for the insurance required by Article 5.04 of the General Conditions shall provide the following coverage for not less than the following amounts or greater where required by Laws and Regulations:

5.04.A.1. and 5.04.A.2. Worker's Compensation, etc., under Articles 5.04.A.1 and 5.04.A.2 of the General Conditions:

(1) State:	Statutory
(2) Applicable Federal (e.g. , Longshoreman's):	Statutory
(3) Employer's Liability.*	
Bodily Injury by Accident (each accident)	\$1,000,000
Bodily Injury by Disease (each employee)	\$1,000,000
Bodily Injury by Disease (policy limit)	\$1,000,000

*Or limits required by umbrella insurer

5.04.A.3 – 5.04.A.5. Contractor's General Liability under Articles 5.04.A.3 through 5.04.A.5 of the General Conditions which shall include completed operation and product liability coverage.

(1) General Aggregate (Except Products – Completed Operations)	\$1,000,000
(2) Products – Completed Operations Aggregate	\$1,000,000
(3) Personal and Advertising Injury (Per Person/Organization)	\$1,000,000
(4) Bodily Injury and Property Damage Each Occurrence	\$1,000,000
(5) Personal Medical Expense (Per Person)	\$5,000
(6) Property Damage Liability Insurance will provide Explosion, Collapse, and Underground coverage where applicable.	
(7) Excess Liability (Umbrella)	
General Aggregate	\$2,000,000
Each Occurrence	\$2,000,000

Or limits required by umbrella insurer

5.04.A.6 Automobile Liability

Bodily Injury and Property Damage Combined Single Limit Each Accident	\$1,000,000
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Or limits required by umbrella insurer

5.04.B.4 The Contractual Liability coverage required by Article 5.04.B.4 of the General Conditions shall provide coverage for not less than the following amounts:

General Aggregate	\$1,000,000
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Each Occurrence (Bodily Injury and Property Damage)	\$1,000,000
--	-------------

Or limits required by umbrella insurer

ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES

SC 6.08.

Owner will obtain and pay for all necessary permits for the work.

SC 6.13.C.

Add a new paragraph immediately after Article 6.13.B. of the General Conditions which is to read as follows:

6.13.C. In emergencies affecting the safety or protection of persons or property or maintenance of temporary construction at the site or adjacent thereto, and CONTRACTOR cannot be reached, OWNER may act to attempt to prevent threatened damage, injury, or loss. OWNER will give CONTRACTOR and ENGINEER prompt written notice of such action and the cost of the correction or remedy shall be charged against CONTRACTOR. A Change Order will be issued to document the change in Contract Price.

6.13.D. Contractor shall assist and cooperate fully with Village in meeting any obligations under the Wisconsin Public Records law. In the event that contractor withholds records, for any reason, and said withholding is found to be in violation of the law or a Court Order, contractor shall indemnify and hold harmless Village for any and all costs related to the withholding of those records, including, but not limited to, monetary damages of any kind, actual attorney's fees, and litigation costs of any kind.

ARTICLE 9 - ENGINEER'S STATUS DURING CONSTRUCTION

SC 9.11.

Add a new paragraph immediately after Article 9.10.A. of the General Conditions:

9.11. When ENGINEER is on the Project site to perform the duties and responsibilities as set forth in the Contract Documents, ENGINEER will comply with CONTRACTOR'S safety plans, programs, and procedures. In the event ENGINEER determines that CONTRACTOR'S safety plans, programs, and

procedures do not provide adequate protection for ENGINEER, ENGINEER may direct its employees to leave the Project site or implement additional safeguards for ENGINEER'S protection. If taken, these actions will be in furtherance of ENGINEER'S responsibility to its own employees only, and ENGINEER will not assume any responsibility for protection of any other persons or property affected by the Work. In the event ENGINEER observes a situation which appears to have potential for immediate and serious injury to persons or property, ENGINEER may warn the persons who appear to be affected by such situations. Such warnings, if issued, shall be given based on general humanitarian concerns, and ENGINEER will not, by the issuance of any such warning, assume any responsibility to issue future warnings or any general responsibility for protection of persons or property affected by the Work.

ARTICLE 17 - MISCELLANEOUS

SC 17.07.

Add a new paragraph immediately after Article 17.06 of the General Conditions, which is to read as follows:

17.07. Lien Waivers:

OWNER may at any time during the Work or before Substantial Completion of the Work require CONTRACTOR to furnish lien waivers for labor and materials used.

ARTICLE 6.20 – IDEMNIFICATION

Add the following to the end of Paragraph 6.20 A of the General Conditions:

- A. In addition, CONTRACTOR shall indemnify and hold harmless the OWNERS, ENGINEER, and their agents and employees, from and against any and all claims, damages, losses, and expenses, including reasonable attorney's fees in case it shall be necessary to file an action, arising out of performance of the work herein, that is:
 - a. for bodily injury, illness, or death, or for property damage, including loss of use, and
 - b. caused in whole or in part by Contractor's negligent act or omission, or that of a subcontractor, or that of anyone employed by them or for whose acts the Contractor or Subcontractor may be liable.

ARTICLE 13.01 – NOTICE OF DEFECTS

Add the following new paragraph immediately after Article 13.01A:

- B. CONTRACTOR shall be required to warranty or guarantee materials and workmanship for work done under this contract by keeping said works in good order or repair at his expense for **one year** from date of Final Completion of Work by OWNERS. Guarantee items shall include, but are not limited to, concrete, re-grading and restoration of work areas, and re-establishment of lawn areas.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

END OF DOCUMENT

DOCUMENT 00821

WAGE REQUIREMENTS

PART 1 – GENERAL

1.01 WAGE REQUIREMENTS

- A. As per Section 2015 Act 55, the Village is not required to establish a rate of wage scale for this project.

PART 2 – PRODUCTS

Not used.

PART 3 – EXECUTION

Not used.

END OF DOCUMENT

DOCUMENT 00900

ADDENDA

FILE ADDENDA HERE

SECTION 01011

SUMMARY OF PROJECT

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Project; Work covered by Contract Documents.
- B. Contracts.
- C. Administrative and procedural Sections applicable to all Contracts.
- D. Work under prime Contracts.

1.02 RELATED SECTIONS

- A. Section 01019 - Contract Considerations.

1.03 PROJECT - WORK COVERED BY CONTRACT DOCUMENTS

- A. Work of the single prime contract comprises the Project for the construction of the
Final Paving
Miscellaneous Streets

1.04 CONTRACTS

- A. Perform Work under a unit price contract with the OWNER.
- B. Work of Contract is identified in the following Articles and on the Drawings.

1.05 CONTRACT NO. 1 - GENERAL

- A. Work of contract generally comprises the following:
 - 1. HMA pavement.
- B. Division 1 - General Requirements:
 - 1. All sections
- C. Division 2 - Site Work
 - 1. All sections.

- D. Division 3 - Concrete
 - 1. All sections.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

END OF SECTION

SECTION 01019

CONTRACT CONSIDERATIONS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Application for Payment.
- B. Change procedures.
- C. Time limits for construction operation.

1.02 RELATED SECTIONS

- A. Document 00300 - Bid Form.
- B. Section 01400 - Quality Control.

1.03 APPLICATIONS FOR PAYMENT

- A. Submit three (3) copies of each application.
- B. Content and Format: Utilize Schedule of Unit Prices for listing items in Application for Payment.
- C. Payment Period: Application for payment must be to ENGINEER by the 15th day of each month for payment on the next month.
- D. Waiver of Liens to be filed for previous application for payment.

1.04 CHANGE PROCEDURES

- A. ENGINEER will advise of minor changes in Work not involving adjustment to Contract Sum/Price or Contract Time by issuing supplemental instructions by letter.
- B. ENGINEER may issue Proposal Request, which includes detailed description of a proposed change with supplementary or revised Drawings and Specifications, or change in Contract Time. CONTRACTOR will prepare and submit estimate within an appropriate time to maintain project schedules.
- C. CONTRACTOR may propose change by submitting request for change to ENGINEER, describing proposed change and its full effect on Work. Include statement describing the reason for change, and effect on Contract Sum/Price and

Contract Time with full documentation and statement describing effect on Work by separate or other contractors.

- D. Stipulated Sum/Price Change Order: Based on Proposal Request and CONTRACTOR's price quotation or CONTRACTOR's request for a Change Order as approved by ENGINEER and price quotation.
- E. Construction Change Directive: ENGINEER may issue a directive, on letterhead form authorizing CONTRACTOR to proceed with change in Work, for subsequent inclusion in a Change Order. Letter will describe changes in Work, and designate method of determining change in Contract Sum/Price or Contract Time.
- G. Execution of Change Orders: ENGINEER will issue Change Orders for signatures of parties as provided in Conditions of Contract.

1.05 TIME LIMITS FOR CONSTRUCTION OPERATIONS

- A. The CONTRACTOR shall confine his construction activities to the times between 7:00 a.m. and 7:00 p.m., Monday thru Friday unless approved by the ENGINEER.

PART 2 - PRODUCTS

Not Used.

PART 3 - EXECUTION

Not Used.

END OF SECTION

SECTION 01025

MEASUREMENT AND PAYMENT

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. Pay items and units of measure.

1.02 RELATED REQUIREMENTS

- A. Document 00500 – Agreement
- B. Document 00700 – General Conditions

1.03 MEASUREMENT

- A. CONTRACTOR estimates shall be used for partial payments. CONTRACTOR shall submit to Engineer an “Application of Payment” for work completed. Request shall conform to “Schedule of Values”. ENGINEER will measure items for final payment.

1.04 PAYMENT

- A. Payment will be in accordance with Agreement and General Conditions.

1.05 UNIT PRICES

- A. Prices paid for various items shall include providing necessary material, labor, tools, equipment, insurance, transportation, disposal and incidentals.
- B. Quantity measured for payment shall be only actual amount incorporated in Work and accepted by OWNER.
- C. Cost of any work item called for in Contract Documents but not specifically provided for in a unit price shall be considered incidental to the Work and be included by CONTRACTOR in the unit prices and shall not be paid for separately.

1.06 STANDARD SPECIFICATIONS

- A. All roadway work shall conform to the Standard Specifications for Highway and Structure Construction, Wisconsin Department of Transportation, Latest Edition, hereinafter referred to as WDOT.

- B. All sanitary sewer and water main work shall conform to the Standard Specifications for Sewer and Water Construction in Wisconsin, Latest Edition, but excluding Part I, hereinafter referred to as WS&W.
- C. In the case of a discrepancy between Section 02000 Special Provisions, WDOT specifications, and WS&W specifications, the Section 02000 Special Provisions shall govern.

1.07 SCHEDULE OF UNIT PRICE ITEMS

- A. The method and measurement and basis of payment for all unit price pay items shall be in accordance with the pertinent sections of the “Standard Specifications for Highway and Structure Construction,” State of Wisconsin, Latest Edition, and all Subsequent Supplemental Specifications (hereinafter referred to as WDOT standard specifications), or the project special provisions identified in Section 02000 Special Provisions, except for the following modifications:

Roadway Items

- 100A-500A HMA Pavement – Surface Course
 - a. Unit of measure: Square yards.
 - b. Payment shall be square yards and shall include all preparing roadway for asphaltic paving; asphaltic materials; tack coat; milling as necessary to match curb and gutter, manholes and all other adjacent structures; butt joints; street sweeping; water; traffic control; water valve adjustment; storm sewer casting adjustments; sanitary sewer casting adjustments; mobilization; finishing roadway; and for all labor, tools, equipment, services and incidentals necessary to complete the work..
- 100B-500B Pulverize & Relay w/ HMA Pavement – Binder Course & Surface Course.
 - a. Unit of measure: Square yards.
 - b. Payment shall be square yards in accordance with WDOT 325.4 and shall include all removal and disposal of excess material as necessary to accept the proposed pavement, grading and shaping roadway for asphaltic paving; asphaltic materials; tack coat; butt joints; street sweeping; water; traffic control; water valve adjustment; storm sewer casting adjustments; sanitary sewer casting adjustments; mobilization; finishing roadway; sawing; and for all labor, tools, equipment, services and incidentals necessary to complete the work..

- 600 Base Patching Asphaltic
- a. Unit of measure: Square yards in accordance with WDOT 390.4.
 - b. Payment shall be in accordance with WDOT 390.5, except that it shall include sawing existing pavement; and for all labor, tools, equipment, services and incidentals necessary to complete the work.
- 601 Concrete Curb & Gutter
- a. Unit of measure: Lineal foot in accordance with WDOT 601.4.
 - b. Payment shall be in accordance with WDOT 601.5, except that it shall include removal and disposal of existing concrete curb and gutter; drilled tie bars; high early strength concrete (if required for construction staging or access); lawn restoration; sawing; and for all labor, tools, equipment, services and incidentals necessary to complete the work..
- 602 Concrete Sidewalk
- a. Unit of measure: Square foot in accordance with WDOT 602.4.
 - b. Payment shall be in accordance with WDOT 602.5, except that it shall include removal and disposal of existing sidewalk; preparation of base; high early strength concrete (if required for construction staging or access); lawn restoration; sawing; and for all labor, tools, equipment, services and incidentals necessary to complete the work..

INCIDENTAL CONSTRUCTION

- A. All work necessary to complete the project in accordance with the plans and contract, and not specifically accounted for in any other bid item, shall be considered incidental to the other bid items. The CONTRACTOR shall include the cost to provide the work in his separate unit prices and shall not be paid separately for these items.

PART 2 – PRODUCTS

Not used.

PART 3 – EXECUTION

Not used.

END OF SECTION

SECTION 01039

COORDINATION AND MEETINGS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Coordination.
- B. Field engineering.
- C. Preconstruction conference.

1.02 RELATED SECTIONS

- A. Section 01011 - Summary of Project.

1.03 COORDINATION

- A. Coordinate scheduling, submittals, and Work of various Sections of specifications to assure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.
- B. Coordinate construction with the other CONTRACTORS and OWNER.
- C. All CONTRACTORS shall have e-mail.

1.04 FIELD ENGINEERING

- A. OWNER shall establish reference points and provide layout construction.
- B. OWNER shall provide the following layout:
 - 1. One layout of curb and gutter and sidewalk removal locations.

CONTRACTOR is responsible for all field engineering in addition to the field engineering provided by OWNER as necessary to complete the Work.

If stakes and boards have to be reset because of negligence of CONTRACTOR, CONTRACTOR shall bear the cost of such work.

1.05 PRECONSTRUCTION CONFERENCE

- A. ENGINEER will schedule, conduct and prepare meeting minutes for a preconstruction conference.
- B. Attendance Required: OWNER, ENGINEER and CONTRACTORS.
- C. Agenda:
 - 1. Execution of OWNER-CONTRACTOR Agreement, if not completed.
 - 2. Submission of executed bonds and insurance certificates, if not completed.
 - 3. Distribution of Contract Documents.
 - 4. Submission of list of Subcontractors, list of products, Schedule of Values, and progress schedule, if not completed.
 - 5. Designation of personnel representing the parties in Contract, and the ENGINEER.
 - 6. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders and Contract closeout procedures.
 - 7. Record Drawing responsibilities.
 - 8. Scheduling.
 - 9. Scheduling activities of OWNER.
 - 10. Contract and alternates summary of work of all contracts.
 - 11. Other business relating to work.

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

Not Used

END OF SECTION

SECTION 01400

QUALITY CONTROL

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Quality assurance and control of installation.
- B. Reference Standards.
- C. Field samples.
- D. Inspection and testing laboratory services.
- E. Manufacturers' field services and reports.

1.02 QUALITY ASSURANCE AND CONTROL OF INSTALLATION

- A. Monitor quality control over suppliers, manufacturers, Products, services, site conditions, and workmanship, to produce Work of specified quality.
- B. Comply fully with manufacturers' instructions, including each step in sequence.
- C. Should manufacturers' instructions conflict with Contract Documents, request clarification from ENGINEER before proceeding.
- D. Comply with specified standards as minimum quality for Work except when more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- E. Perform work by persons qualified to produce workmanship of specified quality.
- F. Secure Products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion or disfigurement.

1.03 REFERENCE STANDARDS

- A. Conform to reference standard by date of issue current on date for receiving bids.
- B. Obtain copies of standards when required by Contract Documents.
- C. Should specified reference standards conflict with Contract Documents, request clarification from ENGINEER before proceeding.

- D. Contractual relationship of parties to Contract shall not be altered from Contract Documents by mention or inference otherwise in any reference document.

1.04 FIELD SAMPLES

- A. Install field samples at site as required by individual specifications Sections for review.
- B. Acceptable samples represent a quality level for Work.
- C. Where field sample is specified in individual Sections to be removed, clear area after field sample has been accepted by ENGINEER.

1.05 INSPECTION AND TESTING LABORATORY SERVICES

- A. OWNER will appoint and employ services of an independent firm to perform testing.
- B. The independent firm will perform tests and other services specified in individual specification Sections and as required by the ENGINEER.
- C. Testing and source quality control may occur on or off the Work Site. Perform off-site testing as required by the ENGINEER.
- D. Reports will be submitted by the independent firm to the OWNER, ENGINEER and CONTRACTOR, indicating observations and results of tests and indicating compliance or non-compliance with the Contract Documents.
- E. Cooperate with independent firm; furnish samples of materials, design mix, equipment, tools, storage, safe access, and assistance with incidental labor as requested. Notify ENGINEER and independent firm as requested 48 hours prior to expected time for operations requiring services. Make arrangements with independent firm and pay for additional samples and tests required for CONTRACTOR'S use.
- F. Re-testing required because of non-conformance to specified requirements shall be performed by the same independent firm on instructions by the ENGINEER. Payment for re-testing will be charged to the CONTRACTOR by deducting testing charges from the Contract sum.

1.06 MANUFACTURERS' FIELD SERVICES AND REPORTS

- A. Submit qualifications of observer to ENGINEER 10 days in advance of required observations. Observer subject to approval of Engineer.

- B. When specified in individual specification Sections, require material or Product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust, and balance of equipment and as applicable, and to initiate instructions when necessary.
- C. Individuals to report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.
- D. Submit report in duplicate within 20 days of observation to ENGINEER for review.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

Not used.

END OF SECTION

SECTION 01700

CONTRACT CLOSEOUT

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Closeout procedures.
- B. Final cleaning.
- C. Adjusting.
- D. Project record documents.
- E. Warranties.

1.02 CLOSEOUT PROCEDURES

- A. Submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work is complete in accordance with Contract Documents and ready for ENGINEER's inspection.
- B. Provide submittals to ENGINEER and OWNER that are required by governing or other authorities.
- C. Submit final Application for Payment identifying total adjusted Contract Sum, previous payments, and sum remaining due.

1.03 FINAL CLEANING

- A. Execute final cleaning prior to final inspection.
- B. Clean site; sweep paved areas, rake clean landscaped surfaces.
- C. Remove waste and surplus materials, rubbish, and construction facilities from site.

1.04 ADJUSTING

- A. Adjust operating products and equipment to ensure smooth and unhindered operation.

1.05 PROJECT RECORD DOCUMENTS

- A. Maintain on site, one set of the following record documents; record actual revision to Work:
 - 1. Contract Drawings.
 - 2. Specifications.
 - 3. Addenda.
 - 4. Change Orders and other Modifications to Contract.
 - 5. Reviewed shop drawings, product data, and samples.
- B. Store Record Documents separate from documents used for construction.
- C. Record information concurrent with construction progress.
- D. Specifications: Legibly mark and record at each Product section description of actual Products installed, including following:
 - 1. Manufacturer's name and product model and number.
 - 2. Product substitutions or alternates utilized.
 - 3. Changes made by Addenda and Modifications.
- E. Record Documents and Shop Drawings: Legibly mark each item to record actual construction including:
 - 1. Measured depths of foundations in relation to finish first floor datum.
 - 2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
 - 3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of Work.
 - 4. All changes and revisions, including change orders, to Drawings.
 - 5. Details not on original Contract Drawings.
- F. Submit documents to ENGINEER with claim for final Application for Payment.

1.06 WARRANTIES

- A. CONTRACTOR shall provide warranties beyond project one-year warranty as required by technical sections and as follows.
- B. Submit warranty information as follows:
 - a. Provide notarized copies.
 - b. Execute and assemble transferable warranty documents from subcontractors, suppliers, and manufacturers, and provide Table of Contents and assemble in three-ring binder with durable cover.
 - c. Submit with request for certificate of Final Completion.

- d. For items of work delayed beyond date of Final Completion, provide updated submittal within 10 days after acceptance listing date of acceptance as start of warranty period.

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

Not Used

END OF SECTION

SECTION 02000

SPECIAL PROVISIONS

**Final Paving
Miscellaneous Streets**

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SPECIAL PROVISIONS

1. General

All references in these special provisions to department shall refer to Village of Jackson or their representatives.

Perform the work under this construction contract for the final paving of miscellaneous street in the Village of Jackson, Washington County, Wisconsin as the contract documents state and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, Latest Edition, as published by the department (hereinafter referred to as WDOT), these special provisions, the Village of Jackson Standard Specifications, and the Standard Specifications for Sewer and Water Construction in Wisconsin, Latest Edition.

All items not specifically shown on the plans or within the special provisions shall be considered incidental to other items in the contract.

2. Scope of Work

The work under this contract shall consist of preparation and placement of final lift of HMA pavement, spot repair of concrete curb and gutter and sidewalk, mobilization, restoration, sawing, finishing and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

3. Prime Contractor Participation

The prime contractor shall perform at least 30 percent of the original contract amount in accordance with the State of Wisconsin Standard Specifications for Highway and Structure Construction, Latest Edition, Section 108.1.2.

4. Prosecution and Progress

Begin work within 10 calendar days after issued a written notice to proceed.

Contract Time for Completion

All work on Living Word Lane, Stonewall Drive, Georgetown Drive, Highland Road, and English Oaks Drive under this contract shall be completed and ready for final payment no later than August 31, 2018.

5. Hours of Operation

CONTRACTOR shall request permission from the Village at least two days prior to performing any work prior to 7:00 A.M., or later than 7:00 P.M., or on Saturdays, Sundays, or legal holidays. In the event of no inspector being available, excessive noise, traffic, or other disruption, the ENGINEER shall have the sole right to order the discontinuance of work during the above times.

6. Information to Bidders – Sales Tax Exemption

2015 Wisconsin Act 126, which allows contractors to purchase construction materials on behalf of their tax exempt clients without paying the sales tax, took effect on January 1, 2016. Contractors are urged to utilize the provisions of Act 126 for all applicable materials for this project.

7. Traffic Control

All roadways will remain open to through traffic as part of this contract. Maintain emergency vehicle access within the project limits at all times. Maintain access to driveways at all times, with the exception of concrete curb and gutter and concrete driveway construction. Provide adjacent residents or business owners a 24 hour notice before closing driveway access for any length of time greater than 30 minutes.

All traffic control shall be in accordance with WDOT sections 643.2 and 643.3, the Manual on Uniform Traffic Control Devices, and these plans and specifications.

8. Construction Traffic/Haul Roads

No construction traffic will be allowed to utilize local roadways. The haul routes for this project shall utilize STH 60, Jackson Drive and Highland Road unless alternate routes are approved by Village of Jackson.

9. Utilities

Underground and overhead utility facilities are located within the project limits. Utility adjustments are not anticipated for this project. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities that have facilities in the area as required per Wisconsin state statutes. Use caution to insure the integrity of underground facilities and maintain code clearances from overhead facilities at all times.

10. Protection of Concrete

Subsection 415.5.14 of the WisDOT standard specifications is supplemented as follows:

The contractor shall provide for a minimum of one concrete finisher to remain on the project site after final finishing of all concrete surfaces until such time as the concrete

has hardened sufficiently to resist surface scarring caused by footprints, handprints or any other type of imprint, malicious or otherwise. The finisher shall actively and continuously patrol on foot the newly placed concrete and repair any damage to the surface that might be sustained as described above.

The cost for providing the finisher(s), the necessary equipment, and materials shall be construed to be included in the contract unit price for each concrete item.

11. Material Disposal Sites

All locations and permits for material disposal sites shall be the responsibility of the contractor. All costs associated with material disposal sites, including, but not limited to, erosion control, fertilizing, and seeding shall be considered incidental to other items.

12. Property Corner Monuments

All existing property corners shall be maintained during construction. Any property irons disturbed during construction shall be restored by the contractor at their expense.

13. Structure Castings.

All existing structure castings shall be inspected for damage prior to beginning construction. Contractor shall notify the Village of Jackson of any damaged castings and shall include the removal of the existing casting and installation of the replacement casting, adjustment rings, and chimney seal as provided by the Village of Jackson incidental to the project. Any castings damaged by the Contractor as part of their construction operations shall be replaced at the expense of the Contractor.

14. Drainage

Contractor shall provide for the flow of existing surface drainage in existing sewer, water courses, culverts, gutters, catch basins, drains, etc., which are affected by the prosecution of the work. Any diversion of existing water courses shall be done solely on the land of the Owners unless proper rights for diversion on other land have been procured.

Excessive ponding due to grading shall be avoided. Temporary facilities shall be provided by the Contractor to handle “trapped” water until such time that permanent drainage facilities are constructed.

15. Street Sweeping

Remove dirt and dust particles from the roadway and impacted adjacent roadways using a street sweeper periodically during the project as directed by the engineer. Provide a self-contained mechanical or air conveyance street sweeper and dispose of the accumulated material. Street sweeping shall be considered incidental to other bid items.

16. Water

Water will not be paid for as a separate bid item. Contractor shall provide and pay for all costs associated with water required for grading, excavating, backfilling, compacting and erosion control.

17. Mobilization

Mobilization will not be paid for as a separate bid item. All costs associated with mobilization for the project shall be considered incidental to other items.

18. HMA Pavement

HMA Pavement – Surface Course shall be 4 LT 58-28 S. Thickness is anticipated to be approximately 1-3/4" to 2".

HMA Pavement – Binder Course shall be 3 LT 58-28 S. Thickness is anticipated to be approximately 2-1/4".

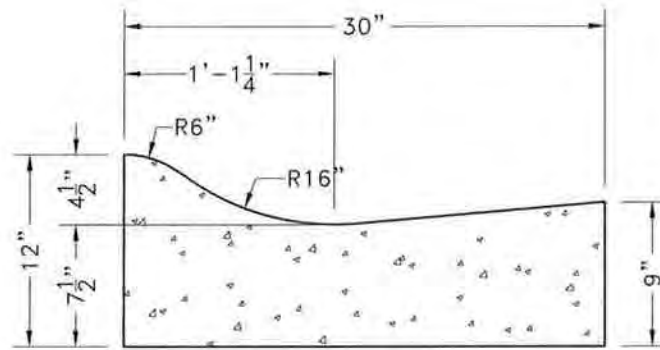
19. Lawn Restoration

Lawn restoration, if required for concrete curb and gutter or concrete sidewalk removal and replacement, shall consist of screened topsoil, WisDOT fertilizer Type B, WisDOT seed mix No. 40 and mulch consisting of straw or hay.

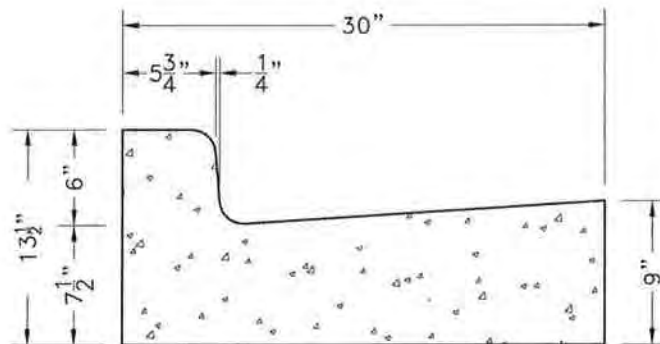
Topsoil shall be loam, sandy loam, silt loam, silty clay loam, or clay loam humus bearing soils adapted to sustain plant life with a minimum organic content of 5% and a pH between 6.0 and 7.0. Topsoil shall be pulverized and screened prior to placement and contain no clods larger than one inch in diameter and be free of lumps, stones, sticks or any other foreign material.

Village of Jackson

Standard Detail Drawings



MOUNTABLE



VERTICAL FACE



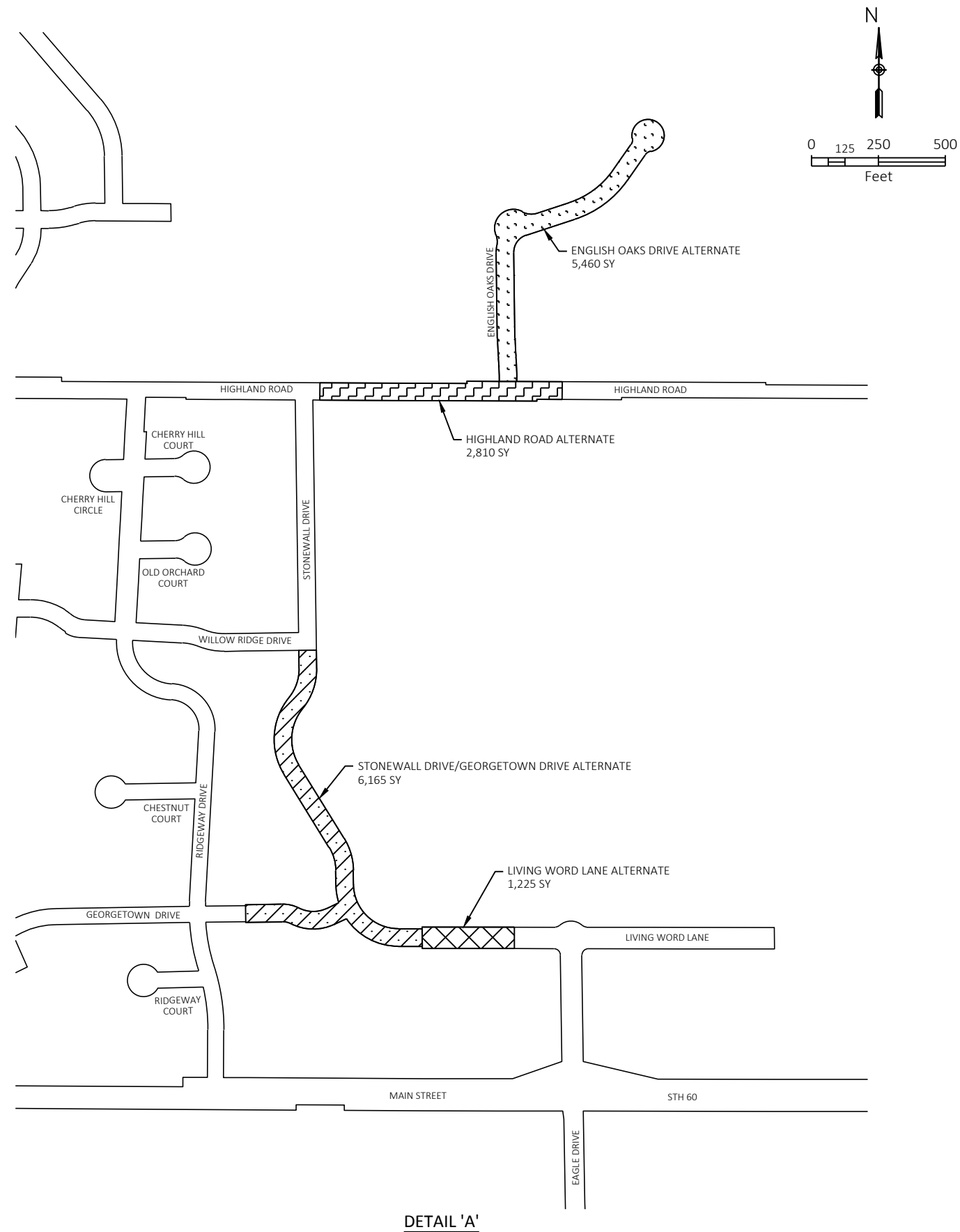
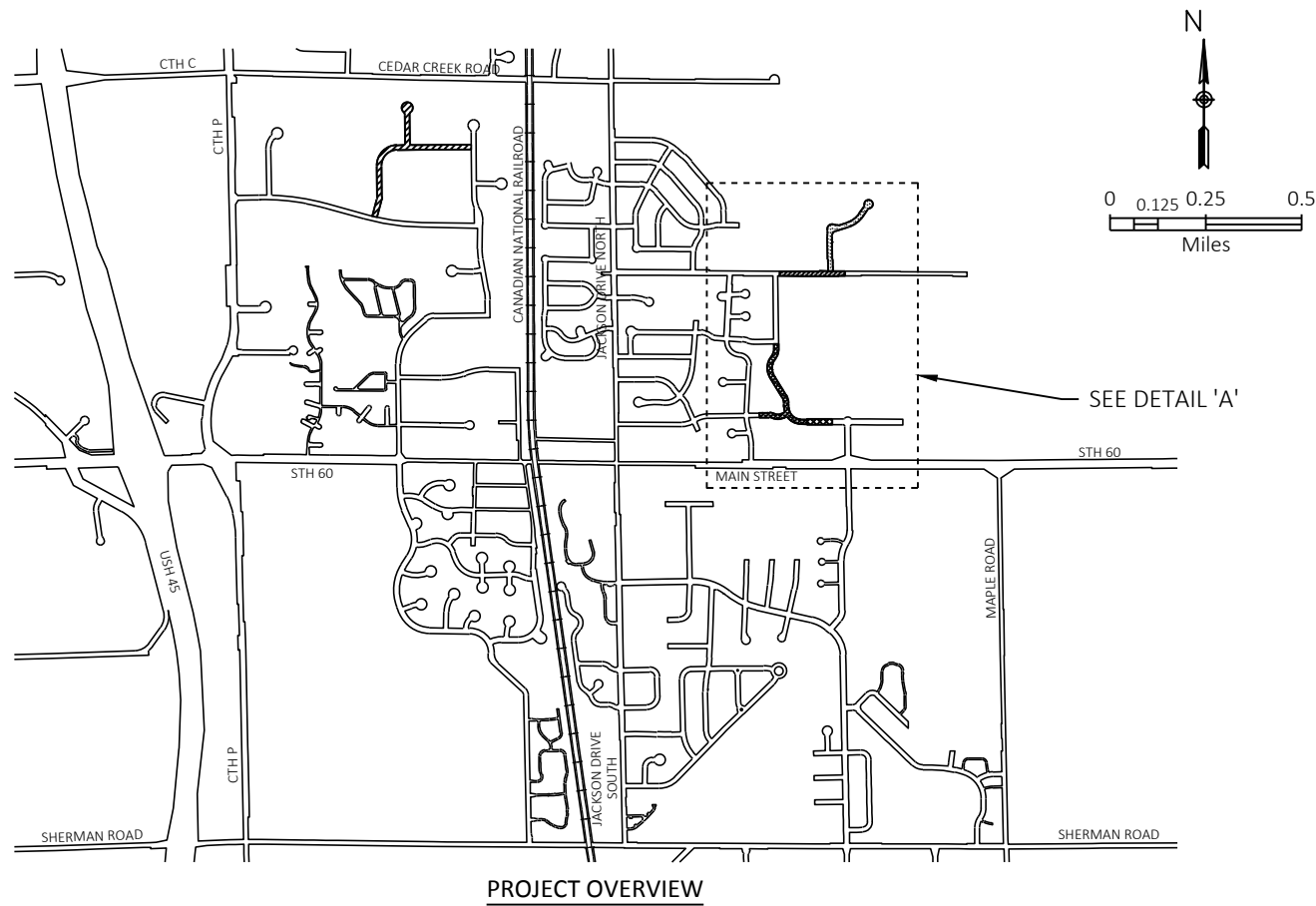
STANDARD DETAIL E-5
TYPICAL CURB SECTION

REVISED: 2-20-04

SCALE: 1" = 1'

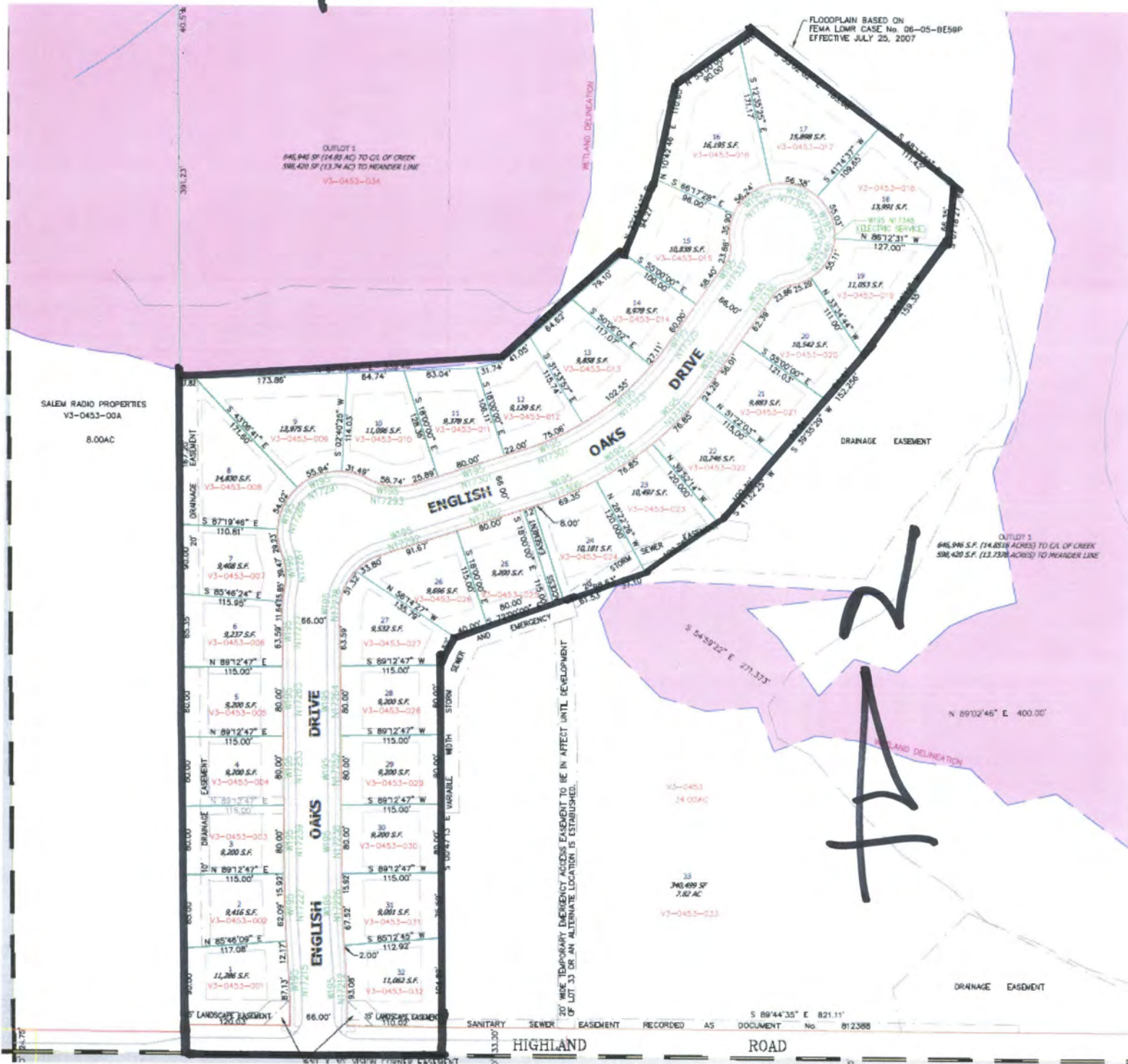
Village of Jackson

Project Overview



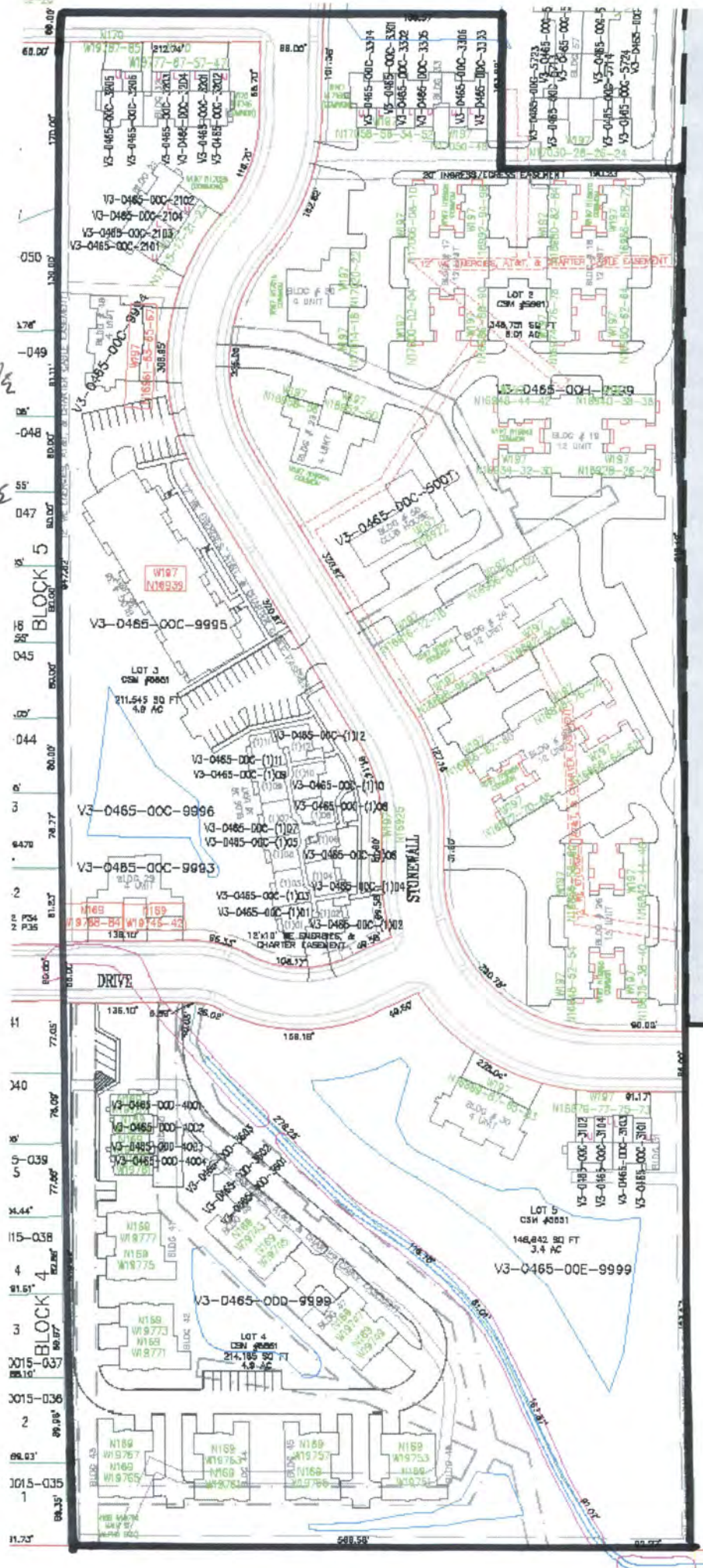
Revisions:	Job No: 180322	Designed: JAC Date: 03/08/2018	GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Stevens Point • Fond du Lac 95 South Pioneer Road, Suite 300 Fond du Lac, WI 54806 (920) 924-5720 Fax: (920) 924-5725	Final Paving - Miscellaneous Streets, 2018 Jackson, WI Living Word Lane, Stonewall Drive, Georgetown Drive, Highland Road, & English Oaks Drive	PROJECT OVERVIEW	SHEET 1 1
	Date: 03/08/2018	Drawn: AJS Date: 03/08/2018				
		Checked: TLL Date: 03/08/2018				

EXHIBIT
ENGLISH OAKS DRIVE



EXHIBIT

STONEWALL DRIVE
AND
GEORGETOWN DRIVE



N
A

EXHIBIT

Living word

443.72'

PARCEL 2
CSM #5343
8.78 AC

T7-0477-00H

N168 W19430
LIVING WORD LANE
100 AMP SERVICE

N168
W19490

496.75'

LIVING WORD
STONEWALL DRIVE

80.01'

330.00'

161.41'

37.30'

DRIVE

80.00'

EAGLE

398.65'

397.85'

486.97'

LOT 1
WARRANTY DEED DOC. #1201188
V3-0477-00K

330.00'

195.00'

N168
W19490

S.T.H.

MAIN



STANDARD FORM OF
BID ANALYSIS

WHEREAS Village of Jackson (hereinafter referred to as the OWNER) has received bids on the 19th day of April, 2018, for the Ridgeway Drive and Ridgeway Court Reconstruction, Contract A-18, (hereinafter referred to as the Project) and

WHEREAS Cedar Corporation (hereinafter referred to as ENGINEER) has been retained by the OWNER to prepare bid tabulations, analyze bid results and consult with the OWNER on the award of contracts.

The ENGINEER hereby consults as follows:

1. Bids were received from two bidders. Bids ranged from a low of \$1,012,202.40 to a high of \$1,037,784.00. A summary of the bid tabulation is attached.
2. Based upon ENGINEER's analysis of the bids received on the above PROJECT the responsive low bidder is:

Vinton Construction Company
P.O. Box 1987
2705 N. Rapids Road
Manitowoc, WI 54221-1987

Bid Amount: \$1,012,202.40

3. It is understood that by this analysis, that the ENGINEER does not guarantee the Contractor's performance which is covered by the Contractor's bond, but it is a statement by the ENGINEER that the ENGINEER has no information which would lead the ENGINEER to believe that the Contractor does not have the necessary equipment and personnel to complete the PROJECT in compliance with the drawings and specifications within reasonable tolerances generally accepted in the trade.
4. It is further understood that this analysis is not a representation that the ENGINEER has reviewed the proposal for possible legal irregularities which should be a function of the OWNER'S legal counsel, and at the option of the OWNER.
5. It is further understood that in the event that OWNER feels that the Contract should be awarded on some basis other than price, the OWNER should defer further action on this PROJECT until a thorough legal review can be made by OWNER'S legal counsel.

Cedar Corporation



Submitted by: Ronald D. Dalton, P.E.

Date: April 19, 2018



BID TABULATION

RIDGEWAY DRIVE AND RIDGEWAY COURT
RECONSTRUCTION, CONTRACT A-18
VILLAGE OF JACKSON,
WASHINGTON COUNTY, WI

BID DATE - April 19, 2018

PROJECT NAME: Ridgeway Drive and Ridgeway Court Reconstruction				Vinton Construction Company P.O. Box 1987 2705 N. Rapids Road Manitowoc, WI 54221-1987		Wood Sewer & Excavating, Inc. E9238 County Rd X New London, WI 54961			
PROJECT NO: Contract A-18									
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
SECTION 1 - Ridgeway Dr. & Ct.:									
1	Common Excavation	L.S.	1	\$152,000.00	\$152,000.00	\$59,000.00	\$59,000.00		
2	Sawcutting Asphalt Roadway Pavement	L.F.	96	\$4.00	\$384.00	\$2.00	\$192.00		
3	6" Sanitary Sewer Lateral Relay (15 Units)	L.F.	523	\$123.00	\$64,329.00	\$240.00	\$125,520.00		
4	6" Sanitary Lateral Riser	V.F.	32	\$448.00	\$14,336.00	\$180.00	\$5,760.00		
5	6" Sanitary Sewer Lateral (3 Units)	L.F.	351	\$86.40	\$30,326.40	\$98.00	\$34,398.00		
6	6" Sanitary Sewer Lateral Clean-out	Each	2	\$490.00	\$980.00	\$600.00	\$1,200.00		
7	Abandon Manhole Structure	Each	2	\$690.00	\$1,380.00	\$1,000.00	\$2,000.00		
8	8" Sanitary Sewer Relay C-900	L.F.	209	\$156.00	\$32,604.00	\$220.00	\$45,980.00		
9	8" Sanitary Sewer	L.F.	219	\$142.00	\$31,098.00	\$229.00	\$50,151.00		
10	48" Dia. Sanitary Manhole (2 Units)	V.F.	29	\$480.00	\$13,920.00	\$320.00	\$9,280.00		
11	8" PVC Water Main	L.F.	286	\$91.30	\$26,111.80	\$136.00	\$38,896.00		
12	12" PVC Water Main Relay	L.F.	894	\$115.70	\$103,435.80	\$114.00	\$101,916.00		
13	Valve Box Abandonment	Each	3	\$250.00	\$750.00	\$500.00	\$1,500.00		
14	Salvage Hydrant	Each	4	\$500.00	\$2,000.00	\$600.00	\$2,400.00		
15	1 1/4" HDPE Water Service Relay (17 Units)	L.F.	488	\$108.00	\$52,704.00	\$96.00	\$46,848.00		
16	1 1/4" HDPE Water Service (3 Units)	L.F.	354	\$49.60	\$17,558.40	\$92.00	\$32,568.00		
17	Hydrant Assembly	Each	4	\$6,557.00	\$26,228.00	\$4,800.00	\$19,200.00		
18	12" Gate Valve	Each	5	\$2,670.00	\$13,350.00	\$2,900.00	\$14,500.00		
19	8" Gate Valve	Each	2	\$1,591.00	\$3,182.00	\$1,800.00	\$3,600.00		
20	34" x 53" HERCP Storm Sewer Relay	L.F.	182	\$167.00	\$30,394.00	\$216.00	\$39,312.00		
21	12" RCP Storm Sewer	L.F.	293	\$52.30	\$15,323.90	\$69.00	\$20,217.00		
22	12" RCP Storm Sewer Relay	L.F.	75	\$62.00	\$4,650.00	\$75.00	\$5,625.00		
23	48" Dia. Storm Sewer Manhole (1 Unit)	V.F.	3	\$694.00	\$2,082.00	\$890.00	\$2,670.00		
24	6" PVC Storm Sewer Lateral (15 Units)	L.F.	1,008	\$46.60	\$46,972.80	\$49.00	\$49,392.00		
25	Catch Basin	Each	2	\$1,924.00	\$3,848.00	\$2,800.00	\$5,600.00		

PROJECT NAME: Ridgeway Drive and Ridgeway Court Reconstruction				Vinton Construction Company P.O. Box 1987 2705 N. Rapids Road Manitowoc, WI 54221-1987		Wood Sewer & Excavating, Inc. E9238 County Rd X New London, WI 54961			
PROJECT NO: Contract A-18									
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
26	Remove Catch Basin	Each	2	\$250.00	\$500.00	\$300.00	\$600.00		
27	Remove Concrete Sidewalk	S.F.	5,876	\$0.70	\$4,113.20	\$1.00	\$5,876.00		
28	4" Concrete Sidewalk	S.F.	9,940	\$5.40	\$53,676.00	\$3.50	\$34,790.00		
29	Remove Curb & Gutter	L.F.	2,255	\$3.00	\$6,765.00	\$9.00	\$20,295.00		
30	30" Curb and Gutter TYPE D	L.F.	2,255	\$18.65	\$42,055.75	\$13.00	\$29,315.00		
31	Remove Asphalt Driveway Pavement	S.Y.	265	\$6.30	\$1,669.50	\$6.00	\$1,590.00		
32	Remove Concrete Driveway Aprons	S.F.	2,356	\$0.70	\$1,649.20	\$1.50	\$3,534.00		
33	7" Concrete Driveway Apron & Sidewalk	S.F.	3,822	\$6.20	\$23,696.40	\$5.00	\$19,110.00		
34	Adjust Existing Manhole Casting	Each	8	\$500.00	\$4,000.00	\$600.00	\$4,800.00		
35	Excavation Below Subgrade (EBS)	C.Y.	230	\$20.00	\$4,600.00	\$18.00	\$4,140.00		
36	EBS Backfill 1 1/4" Dense	Ton	230	\$13.00	\$2,990.00	\$22.00	\$5,060.00		
37	EBS Backfill 3" Dense	Ton	230	\$13.00	\$2,990.00	\$22.00	\$5,060.00		
38	Crushed Aggregate Base Course 1 1/4"	Ton	2,910	\$13.00	\$37,830.00	\$16.90	\$49,179.00		
39	Lower Layer HMA Pavement 3 LT 58-28 S	Ton	930	\$49.85	\$46,360.50	\$57.00	\$53,010.00		
40	Upper Layer HMA Pavement 4 LT 58-28 S	Ton	500	\$57.95	\$28,975.00	\$60.00	\$30,000.00		
41	HMA Pavement - Driveways 5 LT 58-28 S	S.Y.	175	\$22.45	\$3,928.75	\$24.00	\$4,200.00		
42	Traffic Control	L.S.	1	\$3,435.00	\$3,435.00	\$3,900.00	\$3,900.00		
43	Tree Removal (Ridgeway Ct.)	Each	1	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00		
44	Lawn Restoration	L.S.	1	\$25,100.00	\$25,100.00	\$23,000.00	\$23,000.00		
Subtotal: SECTION 1 - Ridgeway Dr. & Ct.					\$987,782.40		\$1,017,984.00		
SECTION 2 - Georgetown Easement:									
45	1 1/4" HDPE Water Service Relay	L.S.	1	\$12,628.00	\$12,628.00	\$7,400.00	\$7,400.00		
46	Abandon Curb Box	Each	2	\$250.00	\$500.00	\$1,000.00	\$2,000.00		
47	Water Main Disconnect	L.S.	1	\$1,580.00	\$1,580.00	\$800.00	\$800.00		
48	Abandon Manhole Structure	Each	1	\$690.00	\$690.00	\$700.00	\$700.00		
49	48" Dia. Sanitary Manhole (1 Unit)	V.F.	13	\$594.00	\$7,722.00	\$400.00	\$5,200.00		
50	Traffic Control	L.S.	1	\$300.00	\$300.00	\$1,000.00	\$1,000.00		
51	Lawn Restoration	L.S.	1	\$1,000.00	\$1,000.00	\$2,700.00	\$2,700.00		
Subtotal: SECTION 2 - Georgetown Easement					\$24,420.00		\$19,800.00		
PROJECT TOTAL:					\$1,012,202.40		\$1,037,784.00		

Village of Jackson
Ridgeway Drive Reconstruction Project 2018
Reconstruction of Ridgeway Drive from STH 60 to 321 ft north of Georgetown Drive
Reconstruction of Ridgeway Court from Ridgeway Drive to End
Reconstruction of Georgetown Drive from Ridgeway Drive to 151 ft east
Preliminary Property Assessment
April 9, 2017

Title	First Name	Last Name	City	State	ZIP Code	Physical Address	Mailing Address	Tax Key No	Phone Number	Email Address	Onsite Inspection Completed	Linear Frontage	Estimate d Sidewalk Installed	Sidewalk Installation Unit Price (\$/S.F.)	Estimated Sidewalk Cost (S.F.)	Storm Sewer Lateral Cost	Total Assessment Amount
	Meho & Fatima	Delic	Jackson	WI	53037	W198 N16819 Ridgeway Drive	W198 N16819 Ridgeway Drive	V3 0015				88.75	88.75		\$0.00	\$0.00	\$0.00
Mr.	Seth J.	Krenek	Grafton	WI	53024	W198 N16829-31 Ridgeway Drive	1953 Blackhawk Drive	V3 0015 001				88.75	88.75		\$0.00		\$0.00
Mr. & Mrs.	Gary & Cheryl	Hecker	Theresa	WI	53091	W198 N16847 Ridgeway Drive	N7616 Freedom Road	V3 0015 002				161.88	161.88		\$0.00		\$0.00
Mr. & Mrs.	Gary & Cheryl	Hecker	Theresa	WI	53091	W198 N16847 Ridgeway Drive	N7616 Freedom Road	V3 0015 002		Ridgeway Court ROW		201.23	1006.15		\$0.00		\$0.00
Mr. & Mrs.	Joel & Denise	Bohringer	Germantown	WI	53022	N168 W19937-39 Ridgeway Court	N113 W13450 Crestview Drive	V3 0015 003 001				162.32	811.60		\$0.00		\$0.00
	Tischer	Rentals LLC	Cedarburg	WI	53012	N168 W19820-24 Ridgeway Court	1444 STH 60	V3 0015 004				89.01	445.05		\$0.00		\$0.00
Mr. & Mrs.	Craig & Lisa	Przanowski	Hartland	WI	53029	W198 N16881 Ridgeway Drive	3419 Lake Drive	V3 0015 005		Ridgeway Court ROW		186.42	932.10		\$0.00		\$0.00
Mr. & Mrs.	Craig & Lisa	Przanowski	Hartland	WI	53029	W198 N16881 Ridgeway Drive	3419 Lake Drive	V3 0015 005				161.88	161.88		\$0.00		\$0.00
Mr.	Ty	Londo	Jackson	WI	53037	W198 N16913 Ridgeway Drive	W198 N16913 Ridgeway Drive	V3 0015 008				79.98	79.98		\$0.00		\$0.00
Ms.	Lisa M.	Schultz	Jackson	WI	53037	W198 N16925 Ridgeway Drive	W198 N16925 Ridgeway Drive	V3 0015 009				80.00	80.00		\$0.00		\$0.00
Mr. & Mrs.	Duane & Diana	Hafemeister	Jackson	WI	53037	W198 N16937 Ridgeway Drive	W198 N16937 Ridgeway Drive	V3 0015 010				80.00	80.00		\$0.00		\$0.00
Ms.	Barbara A.	Severance	Jackson	WI	53037	W198 N16820 Ridgeway Drive	W198 N16820 Ridgeway Drive	V3 0015 035				87.50	87.50		\$0.00		\$0.00
Ms.	Patricia C.	Fitzwater	Jackson	WI	53037	W198 N16828-30 Ridgeway Drive	W198 N16830 Ridgeway Drive	V3 0015 036				90.00	90.00		\$0.00		\$0.00
Mr. & Mrs.	Thomas & Carrie	Ellis	Cedarburg	WI	53012	W198 N16840-42 Ridgeway Drive	410 Green Bay Road	V3 0015 037				90.09	90.09		\$0.00		\$0.00
Mr. & Mrs.	Robert & Karen	Sonier	Jackson	WI	53037	W198 N16852 Ridgeway Drive	W198 N16852 Ridgeway Drive	V3 0015 038				83.91	83.91		\$0.00		\$0.00
Mr. & Mrs.	Paul & Lynne	Leonard	Jackson	WI	53037	W198 N16864-66 Ridgeway Drive	W198 N16866 Ridgeway Drive	V3 0015 039				80.38	80.38		\$0.00		\$0.00
	Tischer	Rentals LLC	Cedarburg	WI	53012	W198 N16876-78 Ridgeway Drive	1444 STH 60	V3 0015 040				78.06	78.06		\$0.00		\$0.00
Mr.	Steven	Schoen	Jackson	WI	53037	W198 N16878-90 Ridgeway Drive	W198 N16890 Ridgeway Drive	V3 0015 041				77.52	77.52		\$0.00		\$0.00
Mr.	Gary W.	Puza	Jackson	WI	53037	W198 N16912 Georgetown Drive	W198 N16912 Georgetown Drive Unit 4	V3 0015 042				81.40	81.40		\$0.00		\$0.00
Mr.	Helmuth	Kiesling	Jackson	WI	53037	W198 N16924-26 Ridgeway Drive	W198 N16924 Ridgeway Drive	V3 0015 043				78.96	78.96		\$0.00		\$0.00
Mr. & Mrs.	Jefferey & Dawn	Kurz	West Bend	WI	53095	W198 N16934-36 Ridgeway Drive	3058 HWY Y	V3 0015 044				80.19	80.19		\$0.00		\$0.00
Totals												2119.48			\$0.00	\$0.00	\$0.00

Storm Sewer Lateral Pipe

Feet

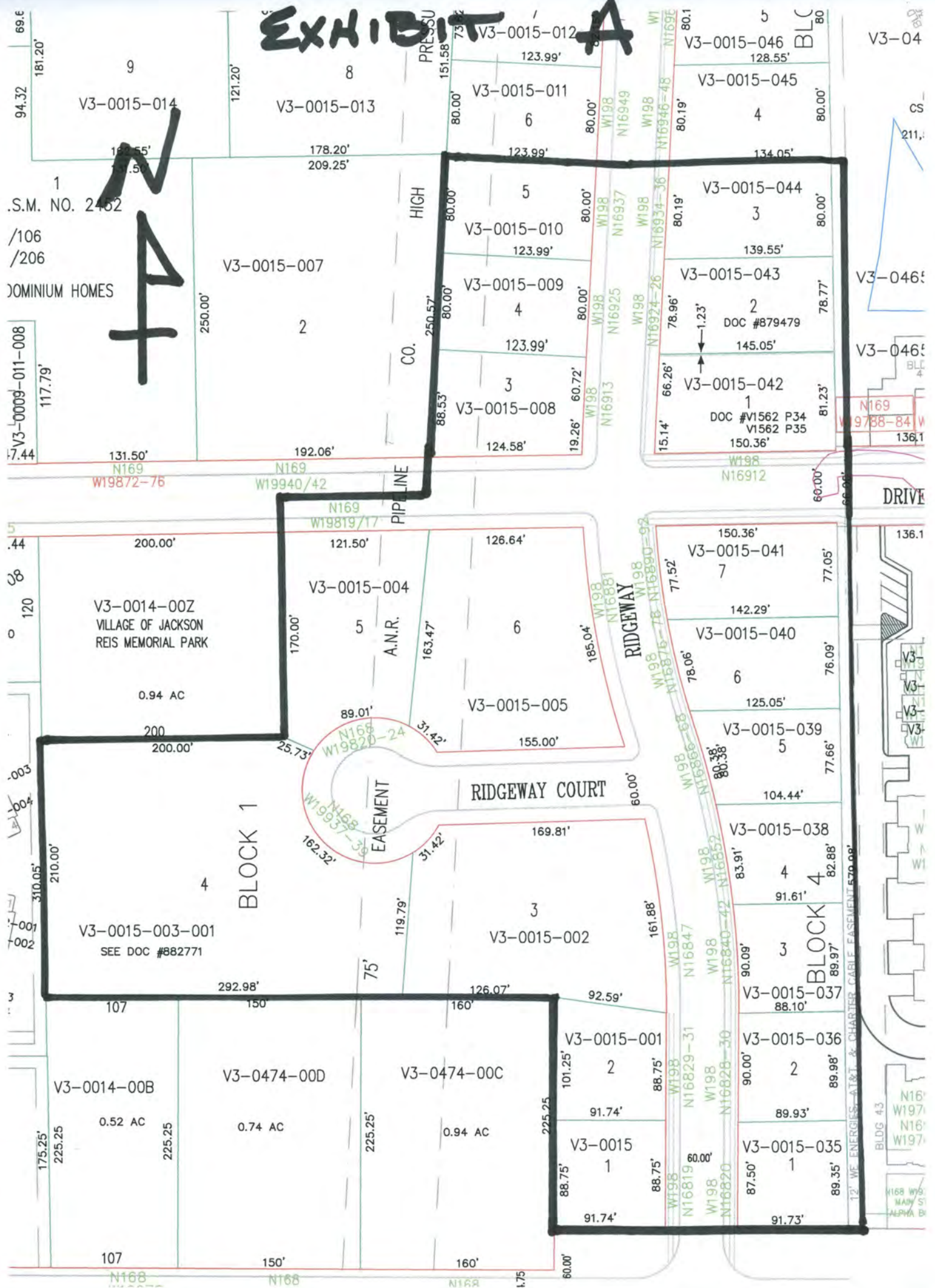
Unit Price

Total

Number of
Laterals

Cost per
lateral

EXHIBIT A



Memo

To: Brian Kober
From: Dan Rathke *DR*
CC: Jeff Deitsch
Date: 4/19/2018
Re: Tower #2 cleanout / inspection

I have received 4 bids for the required 5 year inspection and interior cleaning of tower #1 (blue tower).

Dixon Engineering - Inspection	\$1,800
Cleaning interior \$ 240 per hour. Est. 2 hours.	\$ 480
Disinfection	\$ 1,000
Total	\$ 3,280

Pittsburg Tank and Tower – Inspection (disinfection to be done by owner)	\$ 1650
Cleaning interior	\$ 2,250
Total	\$3,900

KLM – Inspection, cleanout, disinfection	Total \$2,400
--	---------------

Water Tower Clean and Coat – Inspection, cleanout, disinfection	Total \$2,200
---	---------------

I recommend we would go with the low bid of \$2,200. Water Tower Clean and Coat also will, at the same time, clean and apply mildew inhibitor to the exterior surface of tower #2 (white) for the price of \$4,800

Dan Rathke

Water utility supervisor

Water Tower Clean and Coat, Inc.

W11822 Reynold Rd.

Lodi, WI 53555

Phone: 608-234-8932

Fax: 608-592-7574

Prepared by: Sam Paque



Customer

Dan Rathke

Jackson, WI

414-840-9832

watersuper@villageofjackson.com

DESCRIPTION	Quantity	AMOUNT
Exterior Cleaning of the 500k gallon sphere water tower to include: STEP 1. Pre-rinse application of 200 ppm Chlorox bleach mixed with 4 oz. per gallon of Dawn dish soap sprayed over the surface of the tank several minutes prior to cleaning in order to loosen the mildew and dirt. STEP 2. Pressure washing of the pre-rinsed area of the tank using a maximum of 2200 psi water distributed through a turbo nozzle in order to NOT scarify the coating, but remove all of the debris from the surface. STEP 3. Post wash rinse to consist of mildew inhibitor consisting of 200 ppm quaternary ammonium and water applied over the cleaned area.	1	4,800.00
Drained or Dive Cleaning and inspection of the 200k gallon sphere water tower to include; removal of sediment. Exterior and interior pictures will be provided along with recommendations reports, and cost estimates. Inspection to include a full conditions report to satisfy 5 year DNR inspection requirements. A USB and 5 page hard copy report will be provided.	1	2,200.00
Subtotal		\$7,000.00
		\$0.00
Discount %		0.000%
		\$0.00
Other		\$0.00
TOTAL Due		\$7,000.00

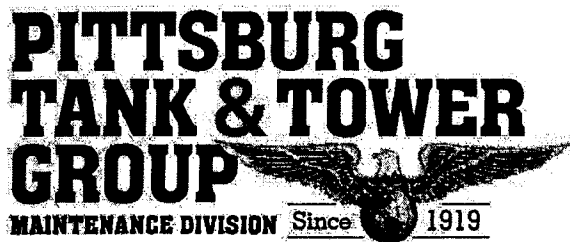
TERMS AND CONDITIONS

1. Customer will be billed after work is completed.
2. Please fax, email or mail the signed quote to the address above

Customer Acceptance (sign below):

x _____

Print Name:



1 Watertank Place
PO Box 36
Henderson, KY 42419
P: (270) 826-9000
F: (270) 215-5705
www.pttg.com

Wednesday, April 11, 2018

Dan Rathke
Water Superintendent
City of Jackson
N. I68 W20733 Main St
Jackson, WI 53037
262-677-9001 Phone

Dan,

Since 1919, Pittsburg Tank & Tower Group Maintenance Division has been providing tank services to our customers in over 50 countries, proudly making us a Global Company. Our wealth of experience encompasses all aspects of tank maintenance services, from paint and repair to dismantle and inspections. Our expertise expands beyond maintenance to tank design, fabrication, erection and professional engineering services for new tanks and modifications to existing tanks, including raising, lowering and moving services.

Having been ranked in the Top 600 Specialty Contractors and among the top 15 steel erectors according to Engineering News Record, it was natural to expand our offerings into the Custom Engineering and Manufacturing Industry. Our sister company, AllState Tower Inc., manufactures structural steel components for towers and agricultural material handling, including complete turn-key systems and installation services.

At Pittsburg Tank & Tower Group, it's not only about the products we produce, but the people as well. Being a family-operated company with a commitment to the Safety and Health of our family of employees, we have worked with the Commonwealth of Kentucky's Labor Cabinet to achieve our SHARP Certification (Safety and Health Achievement Recognition Program), and we are recognized as a Drug Free Workplace in accordance with the standards set forth by the regulation; 803 KAR 25:280 Certification of Drug-Free Workplace.

We are proud to provide you with this quotation and look forward to working with you should you decide to accept it. To accept the proposal, simply sign and date one (1) copy and return it to our Henderson, KY office either by mail, fax or email.

Please feel free to contact us should you have any questions or concerns, or simply want to discuss the proposal further.

Respectfully,

Pittsburg Tank & Tower Group
Maintenance Division

Cody Smith
Contract Specialist
(270) 748-0831 Ext:
Fax (800) 407-6890
csmith@pttg.com

Patrick Heltsley
Vice President
(270)869-9400 Ext: 4601
(270)748-1325 Cell
(270)767-6912 Fax
pheltsley@pttg.com

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INSP312290

Page 1 of 5

Wednesday, April 11, 2018

**Minimum Codes for Inspections
NFPA 25-2014 AWWA M-42 2013**

- **NFPA 25-2014; 9.2.6.1.1** States, "The interior of steel tanks without corrosion protection shall be inspected every 3 years."
- **NFPA 25-2014; 9.2.6.1.2** States, "The interior of all other types of tanks shall be inspected every 5 years."
- **NFPA 25-2014; 9.4.5** States, "Silt shall first be removed during interior inspections or more frequently, as needed, to avoid accumulation to the level of the tank outlet."
- **AWWA M-42-2013 Periodic Inspection** States, "The tank should be inspected at least once every 3 to 5 years or as required by state regulatory agencies. A drained "dry" evaluation or an underwater evaluation performed by robotic inspection are popular methods."
- **AWWA M-42 2013 Tank Washouts** states, "Tanks should be washed out and inspected at least once every 3 years, and where water supplies have sediment problems, annual washouts are recommended."

**DISINFECTION PROCEDURE FOR
"Dry Inspection"
Chlorination Method #3 AWWA Approved**

1. Disinfection procedure: Place 1.6 pounds of Calcium Hypochlorite (65% HTH) in fill line per each 50mg gallons of water and fill the tank to approximately 5% of its capacity.
2. The balance of the procedure to be performed by owner. Let stand for a minimum of six (6) hours. Fill the tank with potable water to overflow level and let stand for a minimum of twenty-four (24) hours. Purge all highly chlorinated water from the drain piping.
3. Additional responsibility to be performed by the owner are as follows: Following this procedure, and subject to satisfactory bacteriological testing, by others, and acceptable aesthetic quality, the remaining water may be delivered to the distribution system.

Definitions

ROV: Remote Operated Vehicle

NA: Used in the cleanout price column and indicates tank construction type prevents an ROV Cleanout from being performed.

Wednesday, April 11, 2018

Dan Rathke
Water Superintendent
City of Jackson
N. I68 W20733 Main St
Jackson, WI 53037
262-677-9001 Phone

In accordance with the price, terms and conditions listed herein, we propose to furnish all labor, materials, equipment and insurance necessary to perform the work quoted;

<u>Tank Type</u>	<u>Tank Address</u>	<u>Capacity Gal.</u>	<u>HWL</u>	<u>LWL</u>	<u>Construction Type</u>	<u>Service</u>	<u>Insp. Only</u>	<u>Initial</u>	<u>Cleanout</u>	<u>Initial</u>
Sphere	Tower Drive, Jackson, WI 53037	200,000	165'	131'	Welded	Dry Service	\$1,650.00		\$2,250.00	

***To perform both inspection and cleanout in the same trip for the discounted sum of \$3,650.00**

Inspection of tank(s) will be for compliance with the following codes and standards:

AWWA; EPA; NFPA 22; NFPA 25; OSHA; TSS

Dry Inspection:

- This dry inspection will check for deficiencies.
- Items inspected will include (but not be restricted to) ladders, shell, roof, vent, roof manway, welds, weld seams, shell course, foundation and interior heater pipe.
- The tank will be inspected to ensure compliance with all current OSHA, EPA, AWWA, and NFPA -22&25 requirements.
- All possible sources of contamination, including vent screening and overflow pipe will be reviewed.
- The following tests shall be performed as part of this inspection on the interior and exterior; Ultra-sonic test (metal thickness), Lead test, Mil thickness test (coating thickness), Cross hatch test (paint adhesion), Vacuum Box test (only applicable for steel, welded ground storage tanks)
- Tank will be disinfected in accordance with AWWA Method 3 (see page 2 Disinfection Procedures). Any other disinfection method required by Owner shall be the responsibility of Owner to perform.
- Our personnel implement a confined entry program procedure in strict conformance with 29 CFR 1910.146 OSHA, which became effective April 14, 1993.
- The handling, removal, and/or disposal of hazardous materials (asbestos, lead, chemicals, fiberglass or any like substance that must be taken to a specific dump/disposal site is not included in this proposal. Additionally, if the tank is used to store any type of flammable substance, owners shall remove product and certify tank safe for entry and hot work prior to our arrival.
- The below stated price(s) does not include bid or performance bonds.
- Tank must be drained by Owner prior to our arrival.

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New and Used Tanks

Wednesday, April 11, 2018

Dry Cleanout:

Clean out/ remove sediment and debris from tank floor, not to exceed three (3) inches. Additional accumulation will be priced at \$300/hour after 3". Tank will be disinfected in accordance with AWWA Method 3 (see attached information). Any other disinfection method required by Owner shall be the responsibility of Owner to perform. Tank must be drained by the owner prior to our arrival.

CLARIFICATIONS

- Owner to furnish water for clean out and the pressure at the base of tank shall be sufficient for our use.
- Owner to provide chlorine and bacteriological testing.
- Debris may be placed in containers furnished by Owner for disposal by others, or scattered around the site.
- Pittsburg Tank & Tower Maintenance will furnish for Owner's usage during our work a pressure relief valve
- Our personnel implement a confined entry program procedure in strict conformance with 29 CFR 1910.146 OSHA, which became effective April 14, 1993.
- Not included in this proposal are the handling, removal, and/or disposal of hazardous materials (asbestos, lead, chemicals, fiberglass or any like substance) that must be taken to a specific dump/disposal site.
- The below stated price does not include bid or performance bonds.
- A dry cleanout does not include pressure washing of side walls of tank. PTTM has an additional service that can be provided for that scope of work as well. A cleanout consists of the floor only, as described above.
- Please Note, Owner is responsible for the water discharge process. PTTM will provide piping of up to 100' to direct discharge from the tank. Owner's representative will direct where the water is discharged to.

Wednesday, April 11, 2018

Terms & Conditions

- 1) Prior to start of work, Owner will be furnished a certificate of insurance covering Workman's Compensation, Occupational Disease, Employer's Liability, and General Liability.
- 2) If tank is to be drained prior to our arrival, it shall be drained by owner, if it becomes necessary to drain the tank while on site, it must be drained by the Owner/Customer
- 3) If needed a pressure release valve will be furnished during the cleaning and painting operation. Owner required to notify PTTM prior to mobilization if required.
- 4) In the event interior and/or exterior complete tank repainting is not included in this scope of work, all new tank appurtenances furnished and installed by PTTM as part of this scope of work shall be field primed and finish coated to match existing coating system(s), unless specifically excluded from our scope of work. Color to match as close as possible.
- 5) No paint shall be applied during wet, damp, or inclement weather.
- 6) All paint will be delivered to the job site in original containers with contents identified by the manufacturer.
- 7) If necessary, customer will be required to clear/move vehicles and equipment a safe distance from the job site to prevent damage and place physical barricades around the perimeter to restrict access.
- 8) Work to be performed using our standard wage scale with Open Shop personnel, by mechanics skilled in their trade.
- 9) All workmanship is guaranteed for twelve (12) months after completion.
- 10) Handling, removal, and/or disposal of hazardous or contaminated material (e.g., asbestos, lead, chemicals, heavy metals, etc.) requiring special handling or transportation to a specific disposal site are not included in the submitted quotation for work. Unless specifically included in our scope of work.
- 11) This quote does not provide for the shrouding or containment of blast media and paint.
- 12) Owner understands and agrees any Federal, State, and Municipal taxes imposed on Contractor with respect to the outlined work are additional expenses not included in the contract and further assumes the obligation of paying said additional costs incurred by Contractor. PTTM does not include costs for any permits, local licenses, fees, etc. in this proposal.
- 13) OWNER/CONTRACTOR agree that the exclusive venue for any litigation arising out of or relating to this Agreement shall be in the Circuit Court of Henderson County, Kentucky and that this Agreement and any litigation arising thereunder shall be governed, construed and interpreted according to Kentucky law.
- 14) In the event OWNER initiates any litigation against PTTM in contravention of this venue provision, OWNER shall pay PTTM's attorney's fees and costs incurred in obtaining a dismissal and transfer of the litigation to the proper venue in the Circuit Court of Henderson County, Kentucky.
- 15) OWNER and PTTM hereby waive any right they may otherwise have to venue in a federal court including, but not limited to, any right arising under federal question or diversity jurisdiction.

TERMS

50% with Order; Balance upon Completion OR Mutually Agreed Payment Terms

MasterCard, Visa and American Express are accepted, with prior authorization

Payments made by credit card may be subject to a processing fee of 3% interest may be applied to payments not received in accordance to payment terms.

The parties approving this contract certify that they are fully authorized to do so, and that all legal requirements have been complied with. You are hereby authorized to furnish all labor, material, equipment and insurance required to complete the work mentioned in the above proposal, for which the undersigned agrees to pay the amount mentioned in said proposal. OWNER/CONTRACTOR agree that the exclusive venue for any litigation arising out of or relating to this Agreement shall be in the Circuit Court of Henderson County, Kentucky and that this Agreement and any litigation arising thereunder shall be governed, construed and interpreted according to Kentucky law. In the event OWNER initiates any litigation against PTTM in contravention of this venue provision, OWNER shall pay PTTM's attorney's fees and costs incurred in obtaining a dismissal and transfer of the litigation to the proper venue in the Circuit Court of Henderson County, Kentucky. OWNER and PTTM hereby waive any right they may otherwise have to venue in a federal court including, but not limited to, any right arising under federal question or diversity jurisdiction

ALL QUOTATIONS SUBJECT TO ACCEPTANCE WITHIN 60 DAYS

Accepted: _____, 20 ____

City of Jackson

By: _____

Title: _____

Respectfully Submitted by:
**Pittsburg Tank & Tower Group
Maintenance Division**

By: _____

Patrick Heltsley, Vice President

**Paint • Repair • Dismantle • Inspect • Reinsulate • Tanks Raised, Lowered, and Moved
New and Used Tanks**



KLM ENGINEERING, INC.

1976 Wooddale Drive, Suite 4 | Woodbury, MN 55125
Phone (651) 773-5111 | Fax (651) 773-5222

April 11, 2018

By Email Only

Mr. Dan Rathke
Village of Jackson
Water Superintendent
N168 W20733 Main Street
Jackson, WI 53037

**RE: Proposal for the Inspection of the 200,000-Gallon Single Pedestal Water Tower
Located in the City of Jackson, Wisconsin.**

Dear Mr. Rathke:

KLM is pleased to submit this proposal to inspect the above-mentioned water tower located in Jackson, Wisconsin to perform a DNR inspection of the existing conditions of this water storage tower in conformance with DNR Form 3300-248 and Wisconsin DNR. This type of inspection is not just a verbal report on existing conditions. The report submitted after the inspection will break down in detail the interior and exterior coating and structural conditions, along with safety and sanitary conditions.

By choosing KLM Engineering, Inc., the Village of Jackson is investing in the knowledge and expertise of a consultant who can perform an accurate and unbiased inspection of your water tower. Our inspection will clearly identify all the maintenance requirements of the tower. This 5-year anniversary inspection will establish a baseline of the current conditions of the tower. The report will define the next time the tower should be inspected and, if necessary, any maintenance.

The experience of KLM's staff in water tower inspections has been enhanced by our training as National Association of Corrosion Engineers (NACE) Certified Coatings Inspectors and American Welding Society (AWS) Certified Welding Inspectors. This training, plus the years of experience in abrasive blasting (surface preparation) painting, rigging, welding, and inspecting has given this company a competitive edge for performing this type of work in a safe and professional manner.

Documentation

Option 1 KLM will provide to the Owner a Dry Tank Cleanout and summary report, which will provide the following benefits:

1. DNR Report Form 3300-248
2. Clearly state the actual condition of the coatings and structural integrity
3. Identify the amount of sediment and estimate the next time it needs cleaning
4. Provide a schedule for performing recommended maintenance work
5. Recommend future inspections

Option 2 KLM will provide to the Owner an ROV inspection and summary report, which will provide the following benefits:

1. DNR Report Form 3300-248.
2. Clearly stating the actual condition of the coatings and structural integrity.
3. Identify the amount of sediment and estimate the next time it needs cleaning.
4. Provide a schedule for performing recommended maintenance work.
5. Color photographs substantiate details of the report.
6. Copies of the report justify maintenance recommendations to decision-makers.
7. The inspection report can be included in the specification document to provide accurate information on existing conditions for bidders.
8. Recommendation of future inspections.

Option 3 KLM will provide to the Owner a Floatdown inspection with cleanout and a full inspection report, which will provide the following benefits:

1. DNR Report Form 3300-248.
2. Identify the amount of sediment and estimate the next time it needs cleaning.
3. Provide a schedule for performing recommended maintenance work.
4. Provide an Engineer's Cost Estimate for all recommended repair work. Color photographs substantiate details of the report.
5. Copies of the report justify maintenance recommendations to decision-makers.
6. The inspection report can be included in the specification document to provide accurate information on existing conditions for bidders.
7. Recommendation of future inspections.
8. KLM will also provide drawings in the report for future maintenance.

The inspection report will be provided to the Village in digital format (PDF) unless otherwise indicated to KLM.

KLM Work Plan

	Dry Tank/Cleanout	ROV	Floatdown/Cleanout
	Option 1	Option 2	Option 3
WI DNR Report Form 3300-248 & Summary Report	✓	✓	✓
Recommendations for future work	✓	✓	✓
Cleanout and disinfection	✓		✓
Keeps tank in service		✓	
Engineer's Cost Estimate for repair work			✓
Detailed KLM Report			✓
Color Photographs	✓	✓	✓
Provide drawings in report for future maintenance			✓
Cost per Tank	\$2,400.00	\$2,400.00	\$3,800.00

KLM Dry Tank: This method is inspected per the DNR requirements with a report that will identify minor repair work in a written report.

The dry tank inspection is the method recommended by AWWA M 42 D101-53 (R1986) Part A. However, this method of inspection is limited to areas accessible from a ladder or areas that can be reached from the floor. KLM will disinfect the tank in accordance with Method 1, 2, or 3 of AWWA C652-11. KLM will require the assistance of the Owner to back-flush the fill pipe. KLM can supply the chlorine and do the clean-out from the bottom. A clean-out can be performed using a 3000-psi pressure washer if necessary.

KLM will inspect the floor, the reservoir walls, and any interior structure accessible by ladders. All accessible exterior surfaces, including the roof, will also be inspected. KLM will measure and photograph all areas that need to be included in the inspection report. KLM will provide a ladder. The Owner would be responsible for draining prior to the crew's arrival for the inspection.

The exterior inspector's primary responsibilities are to be the safety-hole watch for the interior inspector and to inspect the exterior.

KLM ROV: Recommended for tanks that need to be inspected but kept in service during evaluation. This report will identify structural and coatings deficiencies without interruption of service.

KLM plans to utilize a two-man crew and a Remote Operated Vehicle (ROV) to perform the inspection. This inspection method can be performed in one day. The ROV inspection is used primarily when performing warranty and 5-year anniversary inspections.

KLM will provide NACE Certified Coatings Inspectors, whom are properly trained and qualified to perform this type of inspection. To perform an ROV inspection, the Owner would be required to have the water at or near the high-water level (HWL) at the start of the inspection. KLM inspectors will insert a disinfected ROV into the tank interior, for the interior inspection of the roof, roof structure, and all appurtenances such as vents, manways, and ladders. Videotaping will be performed with an underwater camera, which will show the coating deficiencies. The camera will be disinfected in accordance with AWWA. KLM will be responsible to provide a safety ladder and a lifeline in the roof manway, for the interior inspector, always. The inlet pipe or wet riser is excluded from the inspection, unless otherwise written into this agreement.

KLM Floatdown: This is the most comprehensive method of inspecting tanks that are getting close to having some maintenance performed. This report will clearly define the structural and coatings integrity.

The floatdown inspection is KLM's most frequently used and most comprehensive inspection. This method of inspection provides the inspector/engineer with more information than the other types of inspection.

KLM will provide NACE Coating Inspectors, whom are properly trained and qualified to perform this type of inspection. If the tank can be drained in a single day (8 hours), this will enable it to be inspected, cleaned, and disinfected in a one-day inspection.

To perform a complete float-down inspection, the Owner must have the water at or near the high-water level (HWL) at the start of the inspection. KLM inspectors will insert and inflate a sterilized rubber raft into the tank interior. During the float inspection, the Owner will be responsible for opening and closing the valves to the tank. The inspectors will notify the Owner's personnel when to start draining the tank and at what rate. The inspector, while in the raft, will examine the interior structure and evaluate the existing coating integrity. KLM will inspect the roof, roof structure, all appurtenances such as vents, manways, and ladders, the tank shell, and the bowl. KLM will be responsible to provide a safety ladder and a lifeline in the roof manway, for the interior inspector, always. The inlet pipe or wet riser is excluded from the inspection, unless otherwise written into this agreement.

Cleanout: A clean-out can be performed using a 3000-psi pressure washer if necessary. KLM will pull the pressure washing hose and gun up and rinse out any sediment from the floor. KLM will supply a sump pump and pressure relief valve for the Owner. KLM will disinfect the tank in accordance with Method 1, 2, or 3 of AWWA C652-11. KLM will require the assistance of the Owner to back-flush and disinfect the reservoir of each/the tank. KLM can supply the chlorine and do the clean-out from the bottom.

Owner's Responsibilities

The Owner's personnel shall also be responsible for:

- Per DNR Code NR814.14 (3) Department Notification, the department's regional drinking water staff person shall be given 48-hours prior notice of the date and time of inspection.
- For the Dry Tank Inspection: have the tank completely drained prior to the crew's arrival.
- For the ROV: the tank water level should be at the high-water level.
- Manning the shut off valve always
- Opening and closing the inlet/outlet pipe
- Verifying that clean out and disinfection have been performed to Owner's satisfaction
- Disposing of sediment and debris
- Taking and testing water samples
- Providing copies of background information on tank, including maintenance records, construction drawings, previous inspection reports, and previous painting or reconditioning specifications. It is especially helpful if this information is collected prior to KLM's personnel beginning its inspection.

Fee Summary

- Option 1:** The fee to perform a dry tank cleanout inspection is: \$2,400.00
- Option 2:** The fee to perform an ROV inspection is: \$2,400.00
- Option 3:** The fee to perform a Floatdown and cleanout inspection is: \$3,800.00

KLM can replace the existing manway gasket(s) for a \$175.00 fee per gasket. Tanks that have excess sediment and require more than two hours of cleaning time will result in extra charges above and beyond the original contract amount. If KLM were requested to take coating samples from the tanks to check for lead and chromium this would be an additional \$500.00. The additional charge for the engineered report with cost estimates will be \$1,500.00. Fees are subject to change if proposed work exceeds 12 months from this bid proposal.

Terms and Conditions

KLM has attached our standard Terms and Conditions. The attached Terms and Conditions are part of this agreement between the Village of Jackson, Wisconsin and KLM Engineering, Inc. unless otherwise agreed to in writing by both parties.

Agreement

This proposal is valid for work in 2018. If the Village of Jackson find this proposal acceptable, please sign and return. When KLM receives the signed proposal, we will call the Owner to coordinate an inspection time. When the Village of Jackson receives the inspection report, KLM will bill the Owner according to this agreement.

This agreement, between the Village of Jackson, Wisconsin and KLM Engineering, Inc. of Woodbury, Minnesota is accepted by:

_____	_____	Village of Jackson, Jackson, Wisconsin
(Name)	(Title)	
_____	Option 1 Option 2 Option 3	
(Date)	(Please select agreed to service option)	
	WI Sales Manager	KLM Engineering, Inc.
(Name)	(Title)	Woodbury, Minnesota

April 11, 2018
(Date)

We look forward to working with you.

Sincerely,

KLM ENGINEERING, INC.

Michael Olesen

WI Sales Manager

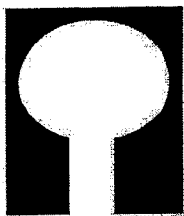
Office: 651-773-5111

Fax: 651-773-5222

Cell: 920-988-3431

Email: MOlesen@klmengineering.com

Enclosure: KLM's Terms & Conditions



DIXON

ENGINEERING & INSPECTION SERVICES
FOR THE COATING INDUSTRY

5307 South 92nd Street
Suite 125
Hales Corners, WI 53130
Telephone: (414) 529-1859
Fax: (414) 529-3120

April 17, 2018

Mr. Daniel Rathke
Jackson Water
N168 W20733 Main Street
Jackson, WI 53037

Subject: Inspection Services Proposal for 200,000 Gallon Spheroid Elevated Tank

Dear Mr. Rathke:

Enclosed is a preliminary maintenance proposal for a drained inspection of the 200,000 gallon spheroid. With a drained inspection, the fee is estimated because the amount of cleaning required is unknown. A typical estimate for cleaning time is based on our experience with similar sized tanks.

Our Proposal/Contract form consists of the Contract Provisions and Schedules A, B, and C. Schedule A includes a detailed Scope of Services for both the Owner and DIXON. Schedule B includes fees and terms of payment. Schedule C provides billing rates for additional services that may be provided during the inspection. The Proposal/Contract form becomes a Contract when the proposal is accepted and signed by the Owner, and then signed by DIXON.

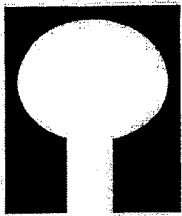
We appreciate the opportunity to submit this proposal. If you have any questions, please feel free to contact me at (616) 374-3221 or jimorr@dixonengineering.net.

FOR DIXON ENGINEERING, INC.,


James Orr
Project Manager

Enclosure

Members: Society of Protective Coatings • American Water Works Association
Consulting Engineers Council



DIXON

ENGINEERING & INSPECTION SERVICES
FOR THE COATING INDUSTRY

5307 South 92nd Street
Suite 125
Hales Corners, WI 53130
Telephone: (414) 529-1859
Fax: (414) 529-3120

**SHORT FORM OF AGREEMENT
BETWEEN OWNER AND DIXON
FOR PROFESSIONAL SERVICES
200,000 Gallon Spheroid, #49-67-02-01**

THIS IS AN AGREEMENT effective as of [REDACTED] ("Effective Date") between [Jackson Water, Wisconsin] ("Owner") and Engineer ("Dixon Engineering, Inc.").

1.01 SIGNATURES:

James Orr, Project Manager

April 17, 2018

PROPOSED by DIXON (not a contract until approved by Project Manager or Officer)

Proposal Date

CONTRACT Approved by Owner

Position

Date

CO SIGNATURE (If Required)

Date

CONTRACT APPROVED by DIXON PROJECT MANAGER

Date

Address for OWNER'S receipt of Notices

[REDACTED ADDRESS]

Address for DIXON'S receipt of Notices

5307 South 92nd Street
Suite 125
Hales Corners, WI 53130

1.02 CONTRACT/PROPOSAL:

- A. Signatures acknowledge that this Contract consists of 10 pages.
- B. Owner's Project, of which DIXON's services under this Agreement are a part, is generally identified as follows: 200,000 Gallon Spheroid Elevated Tank ("Project").
- C. DIXON's services under this Agreement are generally identified as follows, and further definition of Services by both Owner and DIXON are included as Preliminary Maintenance Inspection Services (Dry) per Schedule A

Owner and DIXON further agree as follows:

2.01 BASIC AGREEMENT:

- A. DIXON shall provide or furnish the Services set forth in this Agreement. Services are delineated for both the Owner and DIXON in Schedule A – Scope of Services. If authorized by Owner, or if required because of changes in the Project, DIXON shall furnish services in addition to those set forth above (“Additional Services”).
- B. DIXON shall complete its Services within a reasonable period of time.
- C. If, through no fault of DIXON, such periods of time or dates are changed, or the orderly and continuous progress of DIXON’s Services is impaired, or DIXON’s Services are delayed or suspended, then the time for completion of DIXON’s Services, and the rates and amounts of DIXON’s compensation, shall be adjusted equitably.

3.01 PAYMENT PROCEDURES:

- A. Invoices: DIXON will prepare invoices in accordance with its standard invoicing practices and submit the invoices to Owner on a monthly basis. Invoices are due and payable within 30 days of receipt. Additional financial terms are found in Schedule B.
- B. Payment: As compensation for DIXON providing or furnishing Services and Additional Services, Owner shall pay DIXON as set forth in Paragraphs 3.01 (Payment Procedures), 3.02 (Basis of Payment), and 3.03 (Additional Services). If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly advise DIXON in writing of the specific basis for doing so, may withhold only that portion so disputed, and must pay the undisputed portion.

3.02 BASIS OF PAYMENT:

- A. Owner shall pay DIXON for services as follows:
 - 1. Estimated amount of Two Thousand, Three Hundred, Eighty Dollars (\$2,380.00). See Schedule B for estimated cost breakdown of services and reimbursable expenses for the various phases of work.

3.03 ADDITIONAL SERVICES: For Additional Services, Owner shall pay DIXON an amount equal to the cumulative hours charged in providing the Additional Services by each of DIXON’s employees, times standard hourly rates for each applicable billing classification; plus reimbursement of expenses incurred in connection with providing the Additional Services and DIXON’s consultants’ charges, if any. DIXON’s standard hourly rates and terms are attached as Schedule C.

4.01 ATTACHMENTS:

- 1. Schedule A – Scope of Work of both the Owner and DIXON.
- 2. Schedule B – Cost breakdown per phase of Work and Additional Terms of Payments.
- 3. Schedule C – DIXON Employee Billable Rates and Terms.

SCHEDULE A
Preliminary Maintenance Inspection (Dry)
200,000 Gallon Spheroid, #49-67-02-01
Jackson Water, Wisconsin

A. Scope of Services Performed by Owner (Drained):

1. Provide scheduling for mutually agreeable inspection date.
2. Provide access to DIXON personnel to all areas scheduled for inspection.
3. Provide insurance for Owner's personnel. They are not covered by DIXON's insurance.
4. Drain the water storage tank (hereinafter referred to as tank) prior to the arrival of DIXON. (Arrival time to be mutually agreed upon by the Owner and DIXON).
5. Provide for the use of the Inspector a source of water. This can either be a hydrant or hose bib supply. A community fire truck can be provided if needed. (Fire truck does not reduce time, unless tank is a large reservoir).
6. The Owner is not required to provide personnel to climb the tank; however, he is welcome to do so. A hard hat is required on this employee and any employee on the ground. DIXON does carry additional safety harnesses which can be used by the Owner's personnel; however, if the tank contains a fall prevention device, that device should be used. DIXON personnel carry their own personal safety equipment for that purpose. DIXON will assist the Owner's personnel in inspecting the exterior of the tank on the balcony and roof. If there is a bottom manhole into the wet interior of a sphere, hydropillar, or composite, or a ladder from the roof manhole, the Owner's personnel may enter. If DIXON is required to rig the tank using their own rope ladder and/or rigged line for descent through the riser, the Owner's personnel will not be allowed access.
7. Perform bacteriological testing after completion of the inspection. Two (2) consecutive samples are recommended at 24 hour intervals per AWWA C-652-11 Chlorination Method No. 3.
8. Operate the system without the tank in-service. This includes operation and monitoring of pressure relief valves, if necessary.

B. Scope of Services Performed by DIXON (Steel – Drained):

1. Clean interior surfaces of the tank with high pressure water. Cleaning is necessary for the inspector to be able to remove sediment. This allows DIXON the ability to see any deterioration of the steel, pitting, etc. High pressure water also enables DIXON to perform a very low cost adhesion test on the remaining coating. DIXON would notice if the coating is wavering, etc., which would indicate very poor adhesion and anticipated failure. The amount of sediment and water removed from a torus tank depends upon the Owner's preference.

2. Inspect the tank's interior coating for remaining intactness and anticipated life. Review all interior girders and appurtenances for possible structural damage from icing or corrosion.
3. Review all interior surfaces for corrosion and/or damage, and quantify damage for repairs. All repairs are to be quantified by extrapolation of a measured area. All quantities are estimates (usually high) because corrosion will continue between inspection and repair.
4. Inspect the exterior coating and perform ASTM adhesion tests where coating adhesion is questionable. If it is evident that repainting is not necessary for several years, no destructive adhesion tests will be performed.
5. Review all exterior appurtenances for damage due to corrosion.
6. Review the exterior of the exposed foundations.
7. Review all safety requirements for ladders, cages, etc.
8. Review all health requirements of the tank, including screening of the vent, overflow pipe, and other possible contamination sources. Notification of failed areas will be provided to the Owner on site.
9. Prepare a report documenting all items found and recommendations for repair, including budgetary items. The engineering report is to include: Conclusions and recommendations, base report, and digital photographs with descriptions.
10. Provide a filled in DNR Form 3400-248 (Water Storage Facility Inspection Report) for the tank.
11. Chlorinate the tank per AWWA Method No. 3 C-652-11. Reinstall manhole cover. This item may be relocated to the Scope of Services Performed by Owner, if thus contracted.

SCHEDULE B
Preliminary Maintenance Inspection (Dry)
200,000 Gallon Spheroid, #49-67-02-01
Jackson Water, Wisconsin

1. Payment for cleaning the interior of the tank as described in Schedule A, Item 1, Scope of Services Performed by DIXON is \$240.00 per hour with an estimate of 2 hours (\$480.00). Time will not be exceeded without authorization of the Owner. This is estimated because DIXON cannot estimate the amount of sediment or time necessary for removal. The degree of cleanliness (i.e. 95% removal of the sediment, etc.) will be established between DIXON and the Owner prior to cleaning of the tank. DIXON will supply personnel based on the anticipated work and time.
2. Payment for Schedule A, Items 2 through 10, travel time, and preparation of report is a lump sum amount of \$1,800.00.
3. Payment for furnishing and applying the chlorine, Schedule A, Item 11 is estimated at \$100.00.
4. All DIXON service invoices which are paid within ten (10) days of date of issue shall be discounted (Owner's favor) one percent (1%).
5. All DIXON service invoices which are outstanding more than sixty (60) days from invoice date shall be assessed (DIXON's favor) one percent (1%) per month interest from date thirty days after invoice date.

SCHEDULE C
Illinois, Iowa, Minnesota, and Wisconsin
Employee Billable Rates and Terms

<u>Labor Class</u>	<u>Per Hour</u>	<u>Overtime Rate*</u>
Principal.....	\$259.00	
Expert Witness (Office, Travel & Court).....	\$250.00	
Associate.....	\$175.00	\$262.50
Project Manager.....	\$150.00	\$232.00
Assistant Project Manager.....	\$104.00	\$156.00
Registered Professional Engineer.....	\$181.00	\$271.50
Structural Engineer.....	\$155.00	\$232.50
Staff Engineer.....	\$129.00	\$193.50
CAWI or CWI Welding Inspector.....	\$129.00	\$193.50
Certified NACE Inspector.....	\$129.00	\$193.50
Resident Project Representative – Level III.....	\$98.00	\$147.00
Resident Project Representative – Level II.....	\$88.00	\$132.00
Resident Project Representative – Level I.....	\$78.00	\$117.00
Contract Support Staff.....	\$104.00	\$156.00
Project or Board Meetings.....	Time & Expenses – Including Preparation Time**	

*All Saturday, Sunday, and holiday inspections, plus any time over 40 hours per week are at overtime rate. Overtime rate is 1 ½ times the hourly rate. Overtime rate does not apply to Principal.

**All meetings held on Saturday, Sunday, or holidays are considered overtime for invoicing purposes.

<u>Expenses</u>	<u>Metropolitan</u>	<u>Out-State</u>
Mileage.....	\$0.70/mile + tolls	\$0.60/mile
Meals & Lodging.....	\$155.00 per diem	\$145.00 per diem
Without Lodging.....	\$40.00 per diem	\$35.00 per diem
Air Travel.....	Business fare from Chicago O'Hare, Des Moines, Minneapolis, Madison, or Milwaukee + full size car rental	

Material (gaskets, cathodic caps, light bulbs, vent screens, etc.)Labor & Material + 20%

FEES EFFECTIVE THROUGH: December 31, 2018

Revised: 11/07/2017

Owner and DIXON further agree as follows:

5.01 TERMINATION:

- A. The obligation to continue performance under this Agreement may be terminated:
1. For cause,
 - a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party. Failure to pay DIXON for its services is a substantial failure to perform and a basis for termination.
 - b. By DIXON:
 - 1) upon seven days written notice if Owner demands that DIXON furnish or perform services contrary to DIXON's responsibilities as a licensed professional; or
 - 2) upon seven days written notice if the DIXON's Services are delayed for more than 90 days for reasons beyond DIXON's control, or as the result of the presence at the Site of undisclosed Constituents of Concern, as set forth in Paragraph 6.01.I.
 - c. DIXON shall have no liability to Owner on account of a termination for cause by DIXON.
 - d. Notwithstanding the foregoing, this Agreement will not terminate as a result of a substantial failure under Paragraph 4.01.A.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of notice; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.
 2. For convenience, by Owner effective upon DIXON's receipt of written notice from Owner.
- B. In the event of any termination under Paragraph 4.01, DIXON will be entitled to invoice Owner and to receive full payment for all Services and Additional Services performed or furnished in accordance with this Agreement, plus reimbursement of expenses incurred through the effective date of termination in connection with providing the Services and Additional Services
- C. Effective Date of Termination: The terminating party under Paragraph 4.01.A.1 may set the effective date of termination at a time up to 30 days later than otherwise provided to allow DIXON to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files. Costs associated with any further work that is needed to prevent adverse impact on the project are to be negotiated and considered Additional Services.

6.01 SUCCESSORS, ASSIGNS, AND BENEFICIARIES:

- A. Owner and DIXON are hereby bound and the successors, executors, administrators, and legal representatives of Owner and DIXON (and to the extent permitted by Paragraph 5.01.B the assigns of Owner and DIXON) are hereby bound to the other party to this Agreement and to the successors, executors, administrators, and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.
- B. Neither Owner nor DIXON may assign, sublet, or transfer any rights under or interest in this Agreement without the written consent of the other party, except to the extent that any

assignment, subletting, or transfer is mandated by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

- C. Unless expressly provided otherwise, nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or DIXON to any Constructor, other third-party individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and DIXON and not for the benefit of any other party.

7.01 GENERAL CONSIDERATIONS:

- A. The standard of care for all professional related services performed or furnished by DIXON under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. DIXON makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by DIXON. Subject to the foregoing standard of care, DIXON and its consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- B. DIXON shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor shall DIXON have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Project site, nor for any failure of a Constructor to comply with laws and regulations applicable to such Constructor's furnishing and performing of its work. DIXON shall not be responsible for the acts or omissions of any Constructor.
- C. DIXON neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform its work without regard to DIXON's relation to that Work.
- D. DIXON's opinions (if any) of probable construction cost are to be made on the basis of DIXON's experience, qualifications, and general familiarity with the construction industry. However, because DIXON has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, DIXON cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from opinions of probable construction cost prepared by DIXON. If Owner requires greater assurance as to probable construction cost, then Owner agrees to obtain an independent cost estimate.
- E. DIXON shall not be responsible for any decision made regarding the construction contract requirements, or any application, interpretation, clarification, or modification of the construction contract documents other than those made by DIXON or its consultants.
- F. All documents prepared or furnished by DIXON are instruments of service, and DIXON retains an ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. Owner shall have a limited license to use the documents on the Project, extensions of the Project, and for related uses of the Owner, subject to receipt by DIXON of full payment due and owing for all Services and Additional Services relating to preparation of the documents and subject to the following limitations:

1. Owner acknowledges that such documents are not intended or represented to be suitable for use on the Project unless completed by DIXON, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by DIXON;
 2. any such use or reuse, or any modification of the documents, without written verification, completion, or adaptation by DIXON, as appropriate for the specific purpose intended, will be at Owner's sole risk and without liability or legal exposure to DIXON or to its officers, directors, members, partners, agents, employees, and consultants;
 3. Owner shall indemnify and hold harmless DIXON and its officers, directors, members, partners, agents, employees, and consultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, reuse, or modification of the documents without written verification, completion, or adaptation by DIXON; and such limited license to Owner shall not create any rights in third parties.
- G. Owner and DIXON may transmit, and shall accept, Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with a mutually agreeable protocol.
- H. To the fullest extent permitted by law, Owner and DIXON (1) waive against each other, and the other's employees, officers, directors, members, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to this Agreement or the Project, and (2) agree that DIXON's total liability to Owner under this Agreement shall be limited to \$100,000 or the total amount of compensation received by DIXON, whichever is greater.
1. Limitation of Liability: DIXON and Owner agree that they shall each be responsible for their own negligence and that neither party shall, under any circumstances, be responsible for the negligent acts or omissions of the other party.
 2. Percentage Share of Negligence: To the fullest extent permitted by law, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, shall not exceed the percentage share that the party's negligence bears to the total negligence of Owner, and all other negligent entities and individuals.
- I. The parties acknowledge that DIXON's Services do not include any services related to unknown or undisclosed Constituents of Concern. If DIXON or any other party encounters, uncovers, or reveals an unknown or undisclosed Constituent of Concern, then DIXON may, at its option and without liability for consequential or any other damages, suspend performance of Services on the portion of the Project affected thereby until such portion of the Project is no longer affected, or terminate this Agreement for cause if it is not practical to continue providing Services.
1. Constituents of Concern normally associated with coating projects can be hidden or occur as a result of the Work. These include metals and organic solvents. These material still are considered as Constituents of Concern only they are known or anticipated. But these constituents of concern, including lead, chrome, cadmium, mercury, and coating solvents shall not be a trigger for project termination by either DIXON or Owner.
- J. Owner and DIXON agree to negotiate each dispute between them in good faith during the 30 days after notice of dispute. If Owner/DIXON negotiations are unsuccessful in resolving the dispute,

then the dispute shall be negotiated by a third party agreeable to both parties and the neutral negotiator's determination shall be legally binding on both parties.

- K. This Agreement is to be governed by the law of the state in which the Project is located.
- L. DIXON's Services and Additional Services do not include: (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission; (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances; (3) providing surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements; or (4) providing legal advice or representation.

8.01 TOTAL AGREEMENT:

- A. This Agreement (including any expressly incorporated attachments), constitutes the entire agreement between Owner and DIXON and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

9.01 DEFINITIONS:

- A. Constructor – Any person or entity (not including the DIXON, its employees, agents, representatives, and consultants), performing or supporting construction activities relating to the Project, including but not limited to contractors, subcontractors, suppliers, Owner's work forces, utility companies, construction managers, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.
- B. Constituent of Concern – Asbestos, petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. ("CERCLA"); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5101 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. ("RCRA"); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.

CHANGE ORDER No. 2

Date of Issuance: March 7, 2018

Effective Date: March 7, 2018

Owner: Village of Jackson	Owner's Contract No.: JK 03
Project: 2016 Wastewater Treatment Facility – SCADA Upgrades	Date of Contract: March 14, 2017
Contractor: L.W. Allen, LLC	Engineer's Project No.: JK 03

The Contract Documents are modified as follows upon execution of this Change Order:

The Village has elected to add additional work to the Contract as follows:

- | | |
|--|---------------|
| 1. Replace the failed conduit to the influent screen floats: | \$ 2,280.00 |
| 2. Replace 3 influent floats at the pump station (failed float): | \$ 1,700.00 |
| 3. SPD for the control panels: | \$ 390.00 |
| 4. Replace the failed influent wetwell transducer: | \$ 3,210.00 |
| 5. CREDIT: 2 Powerware UPS units for equipment racks: | (\$ 1,064.00) |
| 6. CREDIT: 3 breakers and operator handles for the RAW Pumps: | (\$ 690.00) |
| 7. CREDIT: Unused Computer Equipment Allowance: | (\$25,000.00) |
| 8. CREDIT: Unused Computer Software Allowance: | (\$ 9,335.00) |
| 9. * Fiber optic troubleshooting to LCP "C": | \$ 416.00 |

Total: (\$28,093.00)

* The \$416 is for 2 of the 3 trips to the site for fiber optic cable testing and repairs. The other trip is covered by LW Allen.

To date, the Village has used 31 of the 40 additional hours of programming enhancements. See attached list of enhancements.

CHANGE IN CONTRACT PRICE:**CHANGE IN CONTRACT TIMES:**

Original Contract Price:

\$ 506,231.00

Orig Contract Times: ☐ Working days ☐ Calendar days

Substantial completion date: 11/14/17

Ready for final payment (days or date): 11/14/17

[Increase] [Decrease] from previously approved
Change Orders No. 1

\$ 33,524.00

[Increase] [Decrease] from previously approved Change Orders
No.

Substantial completion (days): 0

Ready for final payment (days): 0

Contract Price prior to this Change Order:

\$ 539,755.00

Contract Times prior to this Change Order:

Substantial completion date: 11/14/17

Ready for final payment (days or date): 11/14/17

[Increase] [Decrease] of this Change Order:

\$ (\$28,093.00)

[Increase] [Decrease] of this Change Order:

Substantial completion (days or date): 47

Ready for final payment (days or date): 47

Contract Price incorporating this Change Order:

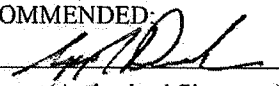
\$ 511,662.00

Contract Times with all approved Change Orders:

Substantial completion date: 1/19/18

Ready for final payment (days or date): 3/9/18

RECOMMENDED:

By: 
Engineer (Authorized Signature)

Date: 3/29/18

ACCEPTED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: 
Contractor (Authorized Signature)

Date: 3/29/18

Approved by Funding Agency
(if applicable):

Date: _____

Contractor's Application for Payment No. 4-Partial

Application Period:		Application Date: 3/16/2018
To (Owner): Village of Jackson N168 W20733 Main Street Jackson, WI 53037	From (Contractor): LW Allen 4633 Tompkins Drive Madison, WI 53716	Via (Engineer): Town & Country Engineering, Inc. 2912 Marketplace Drive, Suite 103 Madison, WI 53719
Owner's Contract No.: _____	Contractor's Project No.: _____	Engineer's Project No.: JK 03

Application For Payment Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	\$33,524.00	
2		\$28,093.00
TOTALS	\$33,524.00	\$28,093.00
NET CHANGE BY CHANGE ORDERS	\$5,431.00	

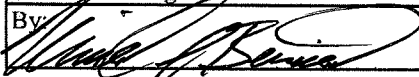
1. ORIGINAL CONTRACT PRICE.....	\$ 506,231.00
2. Net change by Change Orders.....	\$ 5,431.00
3. Current Contract Price (Line 1 ± 2).....	\$ 511,662.00
4. TOTAL COMPLETED AND STORED TO DATE	\$ 511,662.00
5. RETAINAGE:	
a. 5.0% X \$ 0.00 Work Completed.....	\$ -
b. 0.0% X \$ 0.00 Stored Material.....	\$ -
c. Total Retainage (Line 5.a + Line 5.b).....	\$ -
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....	\$ 511,662.00
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$ 461,098.65
8. AMOUNT DUE THIS APPLICATION.....	\$ 50,563.35

Contractor's Certification

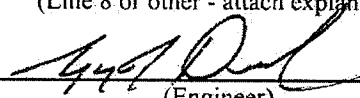
The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application

Contractor Signature

By:  Date: 3-29-18

Payment of: \$ 50,563.35
(Line 8 or other - attach explanation of the other amount)

is recommended by:  3/29/18
(Engineer) (Date)

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
(Owner) (Date)

APPLICATION FOR PAYMENT NO. 4 - PARTIAL

PAGE 1 OF 1

To: Village of Jackson (OWNER)
 From: LW Allen, 4633 Tompkins Drive, Madison WI 53716 (CONTRACTOR)
 Project: 2016 Wastewater Treatment Facility SCADA Upgrade
 Engineer's Project Number: JK 03 For work accomplished through: 3/16/2018 Payment Request date: 3/16/2018

ITEM NO.	DESCRIPTION OF WORK	CONTRACTOR'S SCHEDULE OF VALUES			PREVIOUS REQUESTS		THIS PERIOD		TOTAL COMPLETED		
		QUANT.	UNITS	UNIT PRICE	AMOUNT	QUANT.	AMOUNT	QUANT.	AMOUNT	QUANT.	AMOUNT
BASE BID		1	lump sum	\$ 399,618.00	\$ 399,618.00	1.00	\$ 399,618.00	0.00	\$ -	1.00	\$ 399,618.00
Allowance Item A - Computers		1	lump sum	\$ 25,000.00	\$ 25,000.00	0	\$ -	1.00	\$ 25,000.00	1.00	\$ 25,000.00
Allowance Item B - Software		1	lump sum	\$ 15,000.00	\$ 15,000.00	0	\$ -	1.00	\$ 15,000.00	1.00	\$ 15,000.00
Alternate Bid Items					\$ -	0	\$ -		\$ -		\$ -
A-01	Replace all plug-in relays in LCP-A with new relays	1	lump sum	\$95.00	\$ 95.00	1	\$ 95.00	0.00	\$ -	1.00	\$ 95.00
A-02	Replace existing hard-wired alarm dialer at panel LCP-A with a new 4-channel unit to be used as backup alarm dialer	1	lump sum	\$1,550.00	\$ 1,550.00	1	\$ 1,550.00	0.00	\$ -	1.00	\$ 1,550.00
A-03	Replace 3 existing 40 HP Raw Sewage Pump VFDs & backup contactors in MCC-RS with new Ethernet connected VFDs	1	lump sum	\$35,721.00	\$ 35,721.00	1	\$ 35,721.00	0.00	\$ -	1.00	\$ 35,721.00
C-01	Replace all plug-in relays in LCP-C with new relays	1	lump sum	\$156.00	\$ 156.00	1	\$ 156.00	0.00	\$ -	1.00	\$ 156.00
D-01	Replace all plug-in relays in LCP-D with new relays	1	lump sum	\$238.00	\$ 238.00	1	\$ 238.00	0.00	\$ -	1.00	\$ 238.00
D-02	Replace existing MCC-D with new construction. Provide buck wiring functionally per Sequence of Operations	1	lump sum	\$14,465.00	\$ 14,465.00	1	\$ 14,465.00	0.00	\$ -	1.00	\$ 14,465.00
D-03	Replace existing cover height monitoring switches with ultrasonic level sensors	1	lump sum	\$13,800.00	\$ 13,800.00	1	\$ 13,800.00	0.00	\$ -	1.00	\$ 13,800.00
E-01	Replace all plug-in relays in LCP-E with new relays	1	lump sum	\$230.00	\$ 230.00	1	\$ 230.00	0.00	\$ -	1.00	\$ 230.00
G-01	Replace all plug-in relays in LCP-G with new relays	1	lump sum	\$80.00	\$ 80.00	1	\$ 80.00	0.00	\$ -	1.00	\$ 80.00
H-01	Replace all plug-in relays in LCP-H with new relays	1	lump sum	\$278.00	\$ 278.00	1	\$ 278.00	0.00	\$ -	1.00	\$ 278.00
SUBTOTAL WORK ITEMS					\$ 506,231.00		\$ 466,231.00		\$ 40,000.00		\$ 506,231.00

CHANGE ORDERS

CO 1	Change Order #1	1.00	lump sum	\$ 33,524.00	\$ 33,524.00	1	\$ 33,524.00	0.00	\$ -	1.00	\$ 33,524.00
CO 2	Change Order #2	1.00	lump sum	\$ (28,093.00)	\$ (28,093.00)	0.00	\$ -	1.00	\$ (28,093.00)	1.00	\$ (28,093.00)
TOTAL WORK ITEMS AND CHANGE ORDERS				\$ 511,662.00	\$ 511,662.00		\$ 499,755.00	\$ 11,907.00	\$ 11,907.00		\$ 511,662.00

COBBLESTONE MEADOWS

PART OF THE SOUTHEAST $\frac{1}{4}$,
SECTION 19, TOWNSHIP 10N, RANGE 20E
VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN

PROJECT CONTACTS:

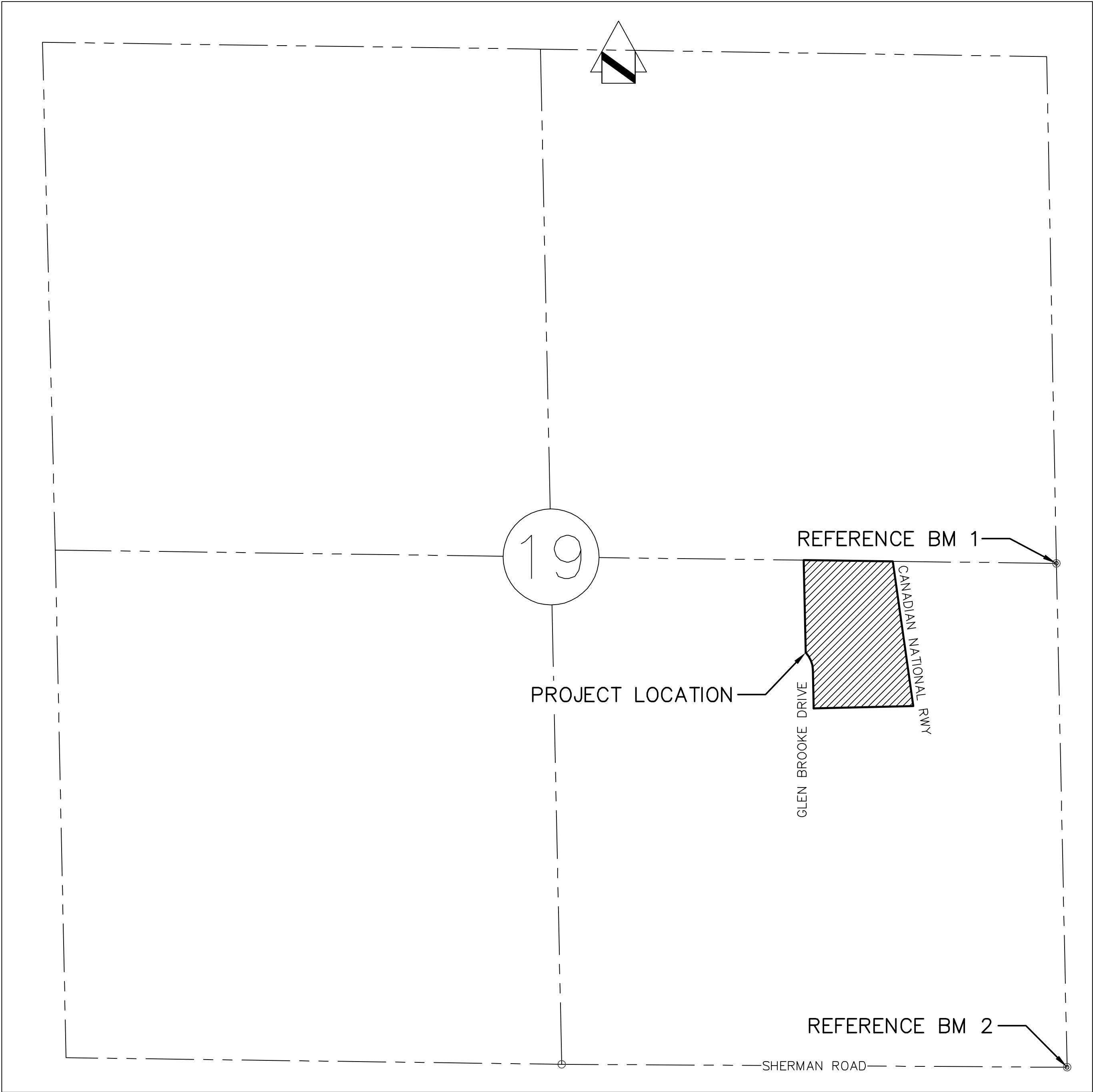
OWNER/DEVELOPER: NFI JACKSON, LLC
ATTN: JOE NIEBLER
19125 GLEN KERRY DR
BROOKFIELD, WI 53045-4828

SURVEYOR/ENGINEER: JAHNKE AND JAHNKE ASSOCIATES, INC.
ATTN: PAUL J. JENSWOLD, PE
JOHN R. STIGLER, PLS
711 W. MORELAND BLVD
WAUKESHA, WI 53188
TELE: (262) 542-5797
EMAIL: PJenswold@JahnkeAndJahnke.com

MUNICIPAL CONTACTS:

NOTE: ALL SITE IMPROVEMENTS AND CONSTRUCTION SHOWN ON THESE PLANS SHALL CONFORM TO THE VILLAGE OF JACKSON DEVELOPER'S HANDBOOK. WHERE THE PLANS DO NOT COMPLY, IT SHALL BE THE SOLE RESPONSIBILITY AND EXPENSE OF THE DEVELOPER TO MAKE REVISIONS TO THE PLANS AND/OR CONSTRUCTED INFRASTRUCTURE TO COMPLY.

VILLAGE OF JACKSON: BRIAN KOBER, DIR. OF PUBLIC WORKS
N168 W20733 MAIN ST
JACKSON, WI 53037
TELE: (262) 677-9001 x14
EMAIL: dirpubwks@VillageOfJackson.com



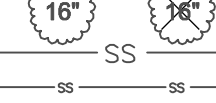
REFERENCE BEARING: NORTH LINE OF THE S $\frac{1}{4}$ OF SEC. 19:
N 89° 16' 21" W (NAD-27, WIS. SOUTH ZONE;
SEWRPC CSSD)

REFERENCE BENCHMARK: NE CORNER OF THE SE $\frac{1}{4}$ OF SEC. 19:
CONC. MONUMENT W/ BRASS CAP,
ELEV = 895.88 (NGVD-29, SEWRPC CSSD)

SE CORNER OF THE SE $\frac{1}{4}$ OF SEC. 19:
CONC. MONUMENT W/ BRASS CAP,
ELEV = 849.41 (NGVD-29, SEWRPC CSSD)

SITE BENCHMARK(S): HYDRANT ON EAST SIDE GLEN BROOKE DRIVE, 122'
NORTH OF SW CORNER OF PROJECT SITE:
BONNET BOLT NEAREST 'OPEN' ARROW,
ELEV = 866.27 (NGVD-29)

INDEX OF SHEETS	
SHEET	
1	COVER
2	EXISTING CONDITIONS AND SITE PLAN
3	MASTER GRADING PLAN
4	PLAN & PROFILE - EAST
5	PLAN & PROFILE - WEST
6	PLAN & PROFILE - NORTH
7	CONSTRUCTION DETAILS
8	CONSTRUCTION DETAILS

LEGEND:			
	PLSS SECTION MONUMENT		EX. CONIFEROUS TREE / REMOVAL
	SANITARY MANHOLE		EX. DECIDUOUS TREE / REMOVAL
	STORM MANHOLE		EX. SANITARY SEWER MAIN
	CATCH BASIN ROUND		EX. SANITARY SEWER SERVICE
	CATCH BASIN SQUARE		EX. RETAINING WALL
	TELEPHONE MH		EX. WATER MAIN
	AIR CONDITIONER		EX. WATER SERVICE
	ELECTRICAL METER		EX. FENCE LINE
	LIGHT POLE		EX. RAILING
	GAS METER		PROP. SAW-CUT LINE
	BOLLARD		PROP. CURB AND GUTTER
	WATER VALVE		
	TELEPHONE PEDESTAL		
	ELECTRIC PEDESTAL		
	ELECTRIC TRANSFORMER		
	CABLE TV PEDESTAL		

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO."

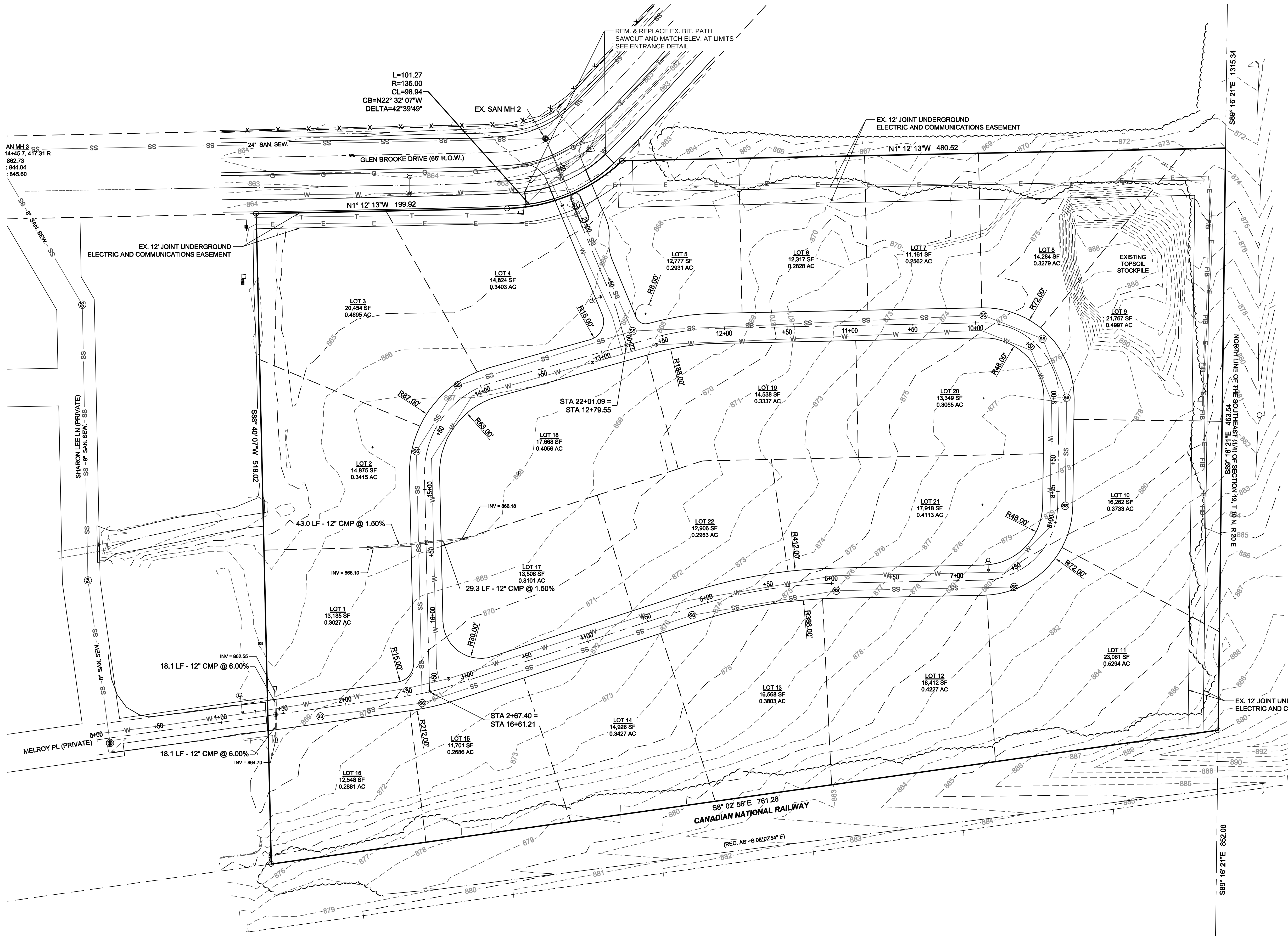
NOTE: The location and size of the underground structures and utilities shown hereon have been located to a reasonable degree of accuracy, but the Engineer and/or Surveyor does not guarantee their exact location or the location of others not shown.
Contact Diggers Hotline, Inc., Etc.



CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WS STATUTE 182.0175(1974)
REQUIRES MIN. 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE
MILW. AREA 259-1181

VICINITY SKETCH
SCALE: 1"=400'
SECTION: 19-10-20

PROJECT NUMBER: S-8713
PLOTTED: 4/18/2018 2:49 PM



TOTAL PROJECT AREA:	378,936 SF
TOTAL DISTURBED AREA:	351,152 SF (92.7%)
PROPOSED IMPERVIOUS SURFACE COVERAGE:	
ROADWAY PAVEMENT:	39,911 SF
MAX. LOT COVERAGE:	6,349 SF
X22 LOTS:	139,678 SF
TOTAL PROPOSED IMPERVIOUS:	179,589 SF (47.4%)
PREVIOUSLY PERMITTED SURFACE COVERAGE:	
ROADWAY PAVEMENT:	40,091 SF
ROOFS:	92,758 SF
DRIVES & WALKS:	46,740 SF
TOTAL PERMITTED IMPERVIOUS:	179,589 SF (47.4%)

- PAVING NOTES:
1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2018 EDITION.
 2. AGGREGATE BASE SHALL BE 3/4" AGGREGATE BASE DENSE PER SECTION 305 OF THE STANDARD SPECIFICATIONS.
 3. DRIVEWAYS AND SIDEWALKS SHALL BE CONSTRUCTED PER SECTIONS 415 AND 416 OF THE STANDARD SPECIFICATIONS.
 4. ASPHALT PAVEMENT SHALL BE CONSTRUCTED PER SECTIONS 455-460 OF THE STANDARD SPECIFICATIONS.
 5. PAVEMENT THICKNESS SHALL BE AS FOLLOWS: (SEE TYPICAL SECTION)
4" ASPHALT PAVEMENT
5" 1/2" AGGREGATE BASE
5" 1/2" AGGREGATE BASE
 6. ASPHALT PAVEMENT SHALL BE INSTALLED IN TWO LIFTS.
SURFACE: 4MT 58-28 S (12.5MM)
BINDER: 3MT 58-28 S (19 MM)
 7. ADJUST ALL MANHOLES AND VALVE BOXES TO 3/8 INCH TO 1/2 INCH BELOW FINAL PAVEMENT GRADE.
 8. A PROOF ROLL IS REQUIRED ON THE SUBGRADE AND THE STONE BASE WITH A 40 TON VEHICLE. AREAS EXHIBITING A DEFLECTION GREATER THAN 1/2 INCH SHALL BE RECONSTRUCTED WITH GEOTEXTILE TENSAR TX 160 AND 3 INCH TB.
 9. NO ASPHALT BINDER PAVEMENT SHALL BE PLACED: WHEN THE AIR TEMPERATURE IS BELOW 35 DEGREES FAHRENHEIT; ON FROZEN BASE; OR DURING RAIN EVENTS UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER. THE BASE IS CONSIDERED TO BE FROZEN WHEN THE SURFACE TEMPERATURE OF THE BASE IS AT OR BELOW 32 DEGREES FAHRENHEIT AS MEASURED BY THE FIELD REPRESENTATIVE WITH AN INFRARED TEMPERATURE GAUGE. NO ASPHALT SURFACE PAVEMENT SHALL BE PLACED: AFTER OCTOBER 15, WHEN THE TEMPERATURE IS BELOW 55 DEGREES FAHRENHEIT; OR DURING RAIN EVENTS UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
 10. ALL STREETS SHALL BE TACKED WITH CSS-1 OIL AT THE RATE OF 0.05 TO 0.15 GALLONS PER SQUARE YARD PRIOR TO PAVING IN ACCORDANCE WITH STATE SPECIFICATION 455.3.2. TACK MUST BE APPLIED BETWEEN EACH LAYER OF ASPHALTIC CONCRETE UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE TACK MUST BE ALLOWED TO CURE BEFORE PAVING.

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO."



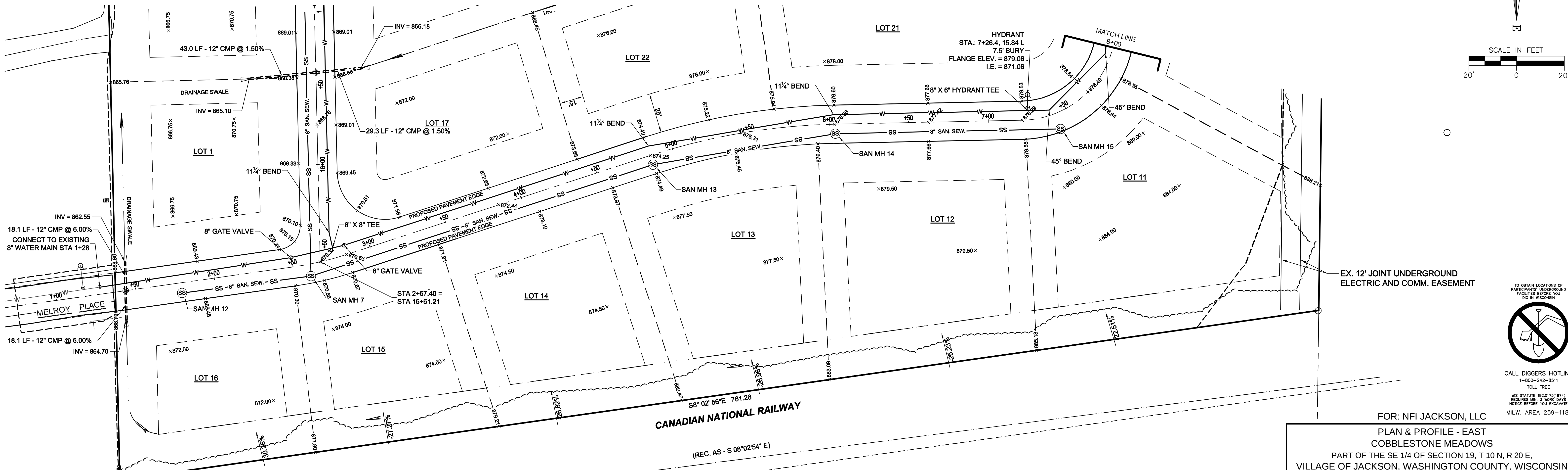
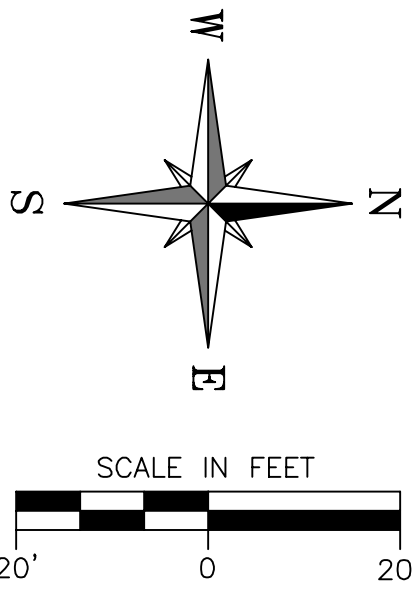
CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WI. STATUTE 182.075(1974)
REQUIRES MIN. 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE
MILW. AREA 259-1181

FOR: NFI JACKSON, LLC
EXISTING CONDITIONS AND SITE PLAN
COBBLESTONE MEADOWS
PART OF THE SE 1/4 OF SECTION 19, T 10 N, R 20 E,
VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN

JAHNKE & JAHNKE ASSOCIATES INC.

PLANNERS & PROFESSIONAL ENGINEERS
7111 W. MORELAND BLVD. WAUKESHA, WI 53188
TEL No. (262) 542-5797 FAX (262) 542-7698 (E-MAIL PJenswold@JahnkeAndJahnke.com)

SCALE: 1"= 40'	DATE: APRIL 6, 2018
DRAWN BY: GEM	CHECKED BY: PJJ
BOOK NO.: WASHINGTON 56 / PG 1	JOB: S-8713
SHEET 2 OF 8	



CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WS STATUTE 182.01(1)(b) (1974)
REQUIRES MIN. 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE
MILW. AREA 259-1181

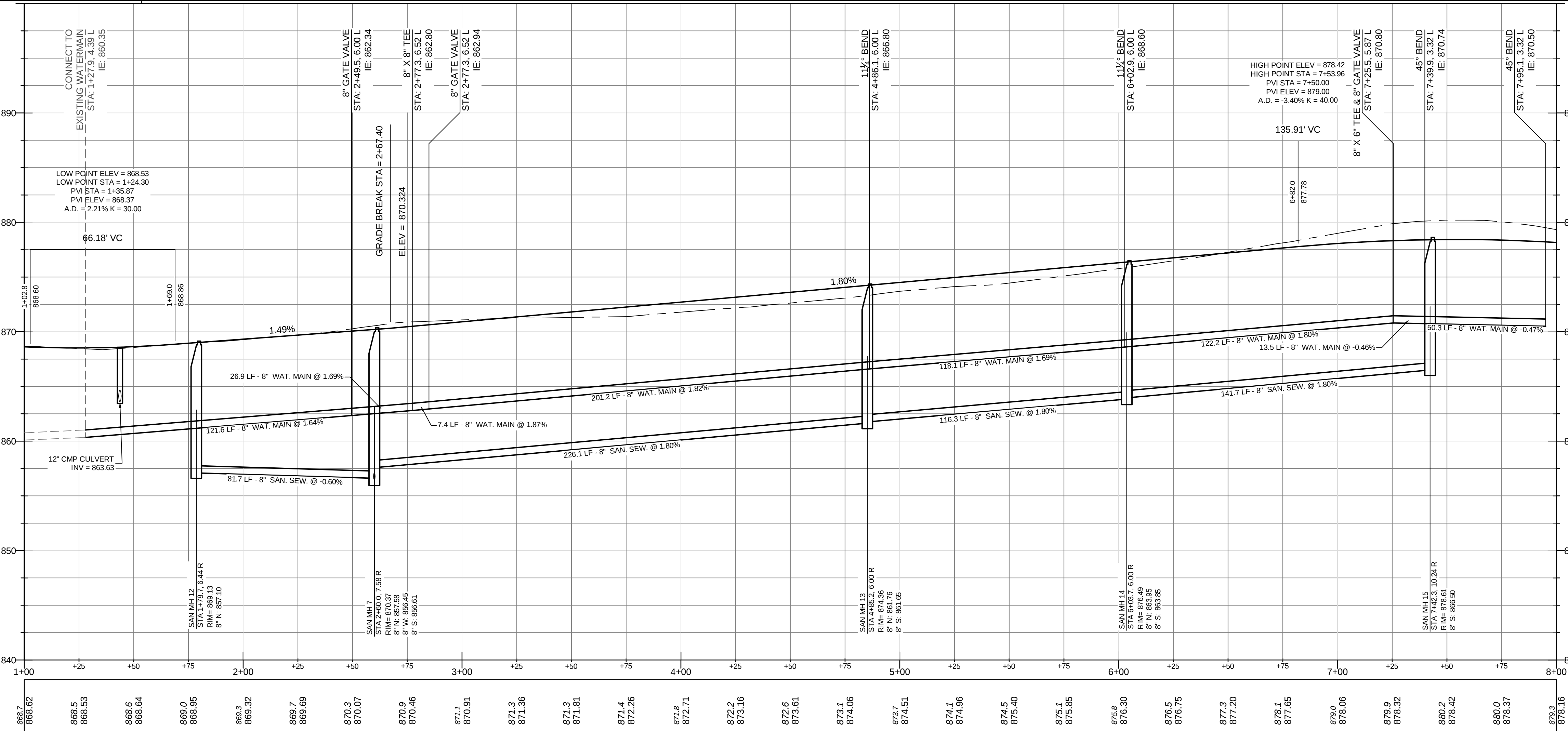
FOR: NFI JACKSON, LLC
PLAN & PROFILE - EAST
COBBLESTONE MEADOWS
PART OF THE SE 1/4 OF SECTION 19, T 10 N, R 20 E,
VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN

REVISIONS

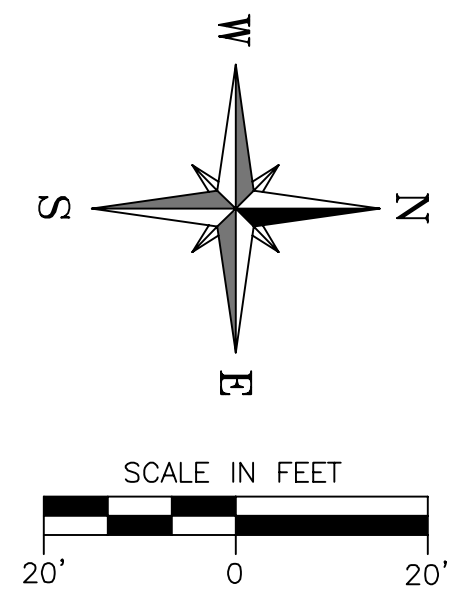
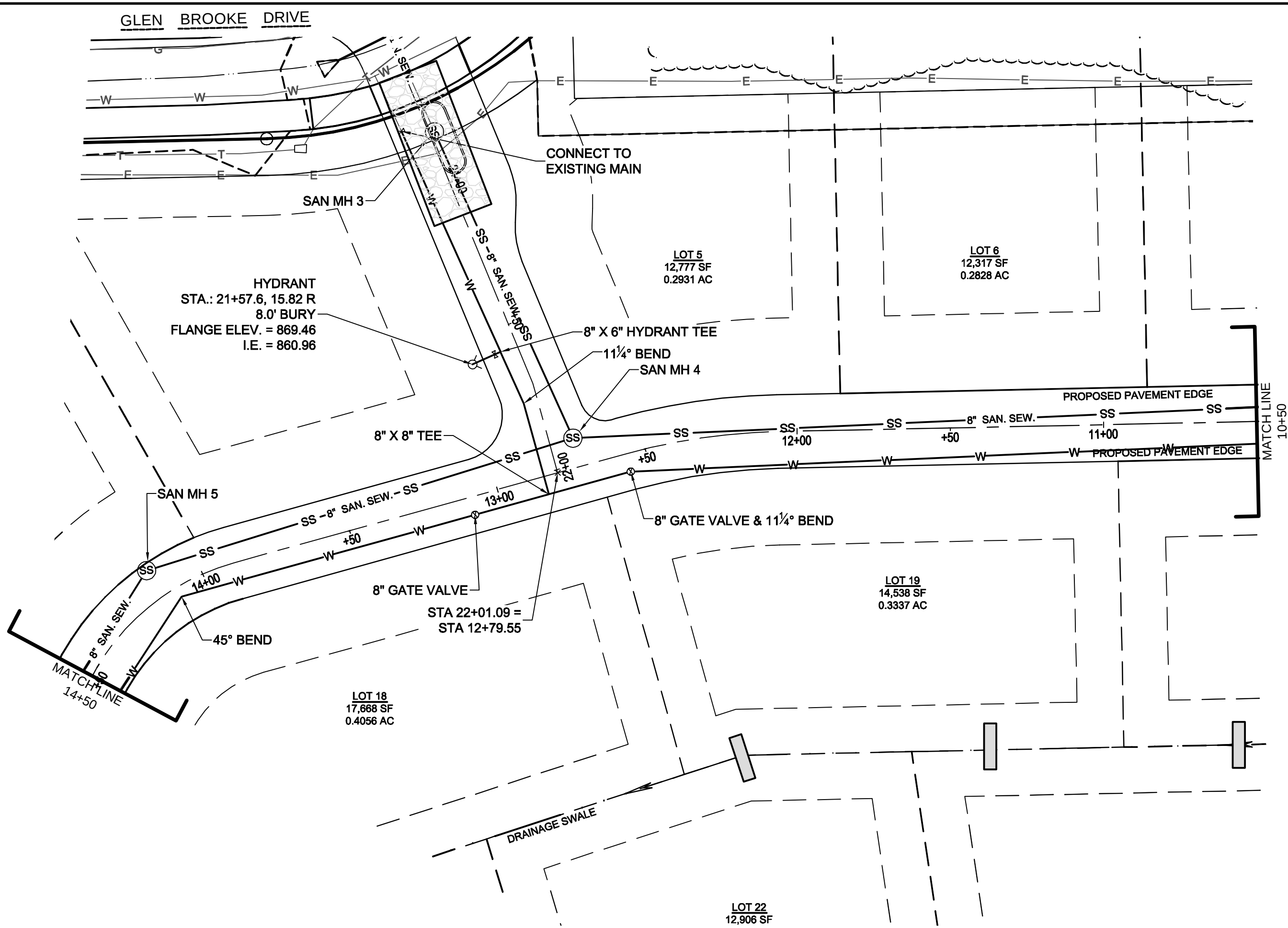
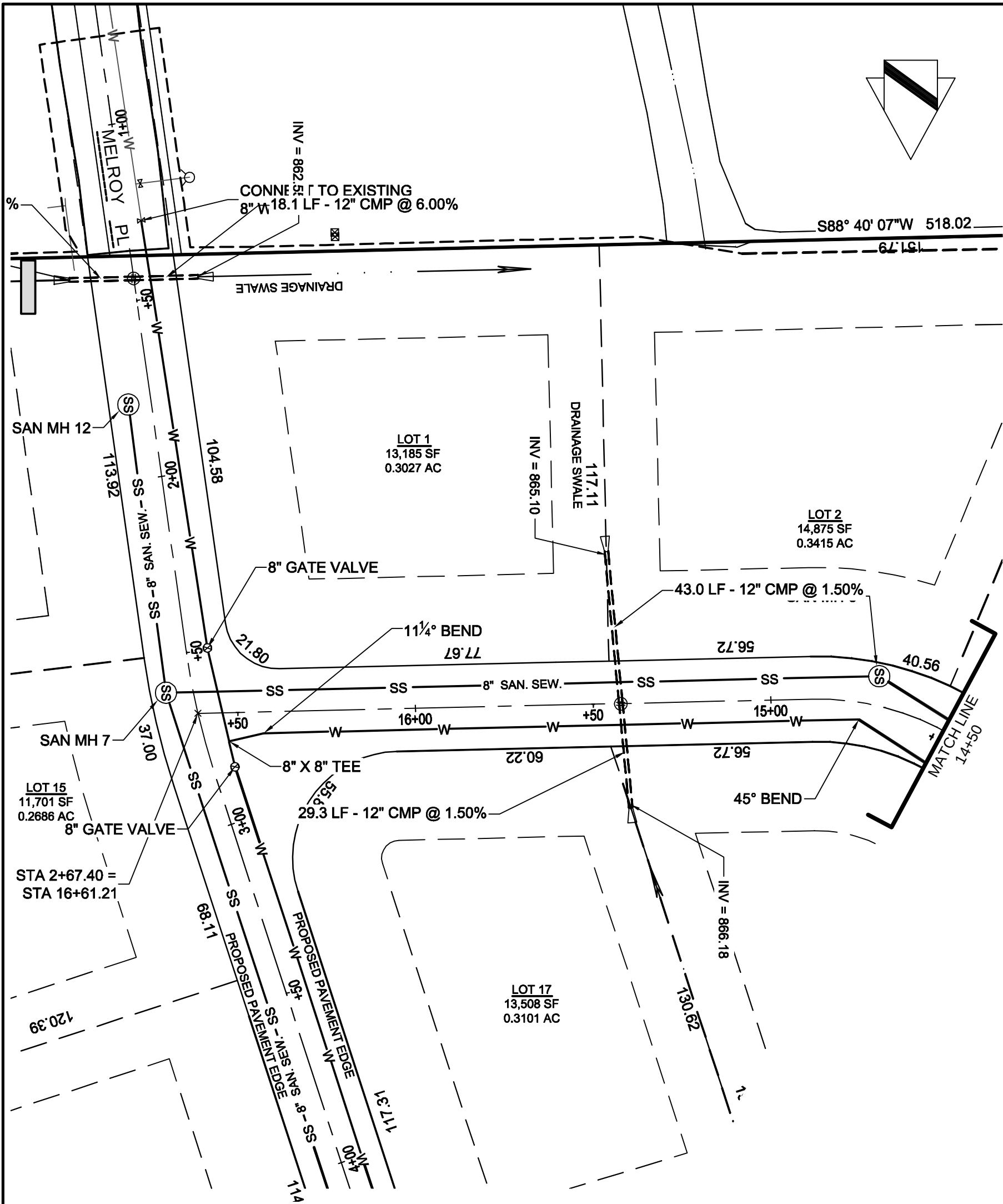
2019-04-18	WM PROFILE	BOOK NO.: WASHINGTON 56 / PG 1	JOB: S-8713

UTILITY NOTES.

- GENERAL:
 - ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION (SWS). THE WISCONSIN ADMINISTRATIVE CODE, THE REQUIREMENTS OF THE VILLAGE OF JACKSON.
 - THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
 - ALL BEDDING AND COVER MATERIAL SHALL BE CRUSHED STONE CHIPS PER THE STANDARD SPECS. SECTION 8.43.8.
 - COORDINATE THE WATER CUT IN WITH THE UTILITY SUPERINTENDENT (MINIMUM 72 HR NOTICE).
- SANITARY LATERAL:
 - THE SANITARY SEWER PIPE SHALL BE PVC ASTM D-3034 SDR 35 WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS CONFORMING TO ASTM D3212.
 - SANITARY MANHOLES SHALL BE 48" DIAMETER PRECAST CONCRETE PER FILE NO. 12 OF SWS. "RAMNEX", KENT SEAL OR APPROVED EQUAL SHALL BE USED FOR BARREL JOINTS. MANHOLE CASTINGS SHALL BE NEENAH R-1550A. INTERNAL RUBBER CHIMNEY SEALS SHALL BE INSTALLED. HDPE RECYCLED ADJUSTING RINGS SHALL BE USED IN LIEU OF CONCRETE RINGS.
 - ALL SANITARY SEWERS AND LATERALS ARE TO BE BEDDED WITH STONE CHIPS PER SWS 8.43.2(A) AND BACKFILLED WITH MECHANICALLY COMPACTED GRANULAR BACKFILL PER SWS 8.43.4 IN PAVED AREAS/SHOULDERS AND WITHIN 5 FEET OF THE PAVED AREAS. SPOIL BACKFILL WILL BE ALLOWED IN NON-PAVEMENT AND NON-SHOULDERED AREAS.
- WATER MAIN:
 - A WATER MAIN SHALL BE AWWA C-900 CLASS 150 PVC.
 - NO CONNECTION SHALL BE MADE TO THE EXISTING WATER SYSTEM UNTIL THE FOLLOWING REQUIREMENTS ARE MET. THE CONTRACTOR SHALL MAKE A CONNECTION TO THE MAIN WHEN THE SAFE SAMPLE IS OBTAINED, ALL SERVICES HAVE BEEN INSTALLED AND PRESSURE TESTED (150 PSI FOR AN HOUR). THE CONTRACTOR WILL THEN START A NEW GAP IN THE MAIN BEFORE CONTINUING TO INSTALL PIPE BEYOND THE LENGTH THAT HAS BEEN SAMPLED AND PRESSURE TESTED.
 - THE CONTRACTOR IS REQUIRED TO CONTACT THE WATER UTILITY STAFF TO PREPARE TO SAMPLE. THE CONTRACTOR IS REQUIRED TO FILL AND FLUSH THE NEW MAIN. THE WATER UTILITY STAFF WILL COLLECT THE SAMPLE AND SEND IT TO THE APPROVED LAB.
 - ALL WATER MAIN AND SERVICES ARE TO BE BEDDED AND COVERED WITH STONE CHIPS PER SWS 8.43.2(A) AND BACKFILLED WITH MECHANICALLY COMPACTED GRANULAR BACKFILL PER SWS 8.43.4 IN PAVED AREAS/SHOULDERS AND WITHIN 5 FEET OF THE PAVED/SHOULDER AREAS. SPOIL BACKFILL WILL BE ALLOWED IN NON-PAVEMENT AND NON-SHOULDERED AREAS.
 - CHLORINATION TABLETS SHALL BE GLUED TO THE INSIDE OF THE PIPE PER SWS 4.3.12. CHLORINATION POWDERS OR OTHER LOOSE MATERIAL ARE NOT ALLOWED.
 - ALL WATER MAINS WILL HAVE BUTTRESSES INSTALLED AT ALL BENDS, THRUST POINTS OR ANY OTHER APPROPRIATE PLACE. THE BUTTRESS SHALL BE POURED CONCRETE AND INSTALLED PER THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS (GREEN BOOK FILE NO. 44). HARDWOOD AND/OR CONCRETE BLOCKS ENCASED IN CONCRETE IS ALSO ACCEPTABLE.
 - ANCHOR TEES OR ELBOWS MAY BE MECHANICAL JOINT FITTINGS. MECHANICAL JOINTS SHALL BE MADE WITH COR-BLUE NUTS AND BOLTS WHICH CONFORM TO C-111, AWWA SPECIFICATIONS. ALL NON-STAINLESS STEEL ANCHOR FITTINGS OR RODS SHALL BE SPRAYED OR COATED WITH A RUBBERIZED OR TAR BASED SEALANT TO PREVENT CORROSION.
 - ALL HYDRANTS SHALL BE EITHER WATERLOUS PACER OR MUELLER CENTURION.
 - HYDRANTS SHALL HAVE A MECHANICAL JOINT CONNECTION, TURN LEFT TO OPEN.
 - HYDRANTS SHALL BE PAINTED RED AND MARKED WITH A HYDRANT MARKER. HYDRANTS SHALL BE BREAK-FLANGE TYPE. THE BREAK-FLANGE MUST BE PLACED AT FINISH GRADE.
 - HYDRANTS SHALL HAVE A 5-1/4" MAIN VALVE OPENING, SHALL HAVE A NATIONAL STANDARD TWO 2-1/2" HOSE NOZZLES AND A 4-1/2" PUMPER NOZZLE.
 - HYDRANTS SHALL BE ATTACHED TO A HYDRANT TEE BY MEANS OF A CLOW F1217 ANCHORING TEE OR EQUAL. ALL HYDRANTS SHALL INCLUDE A 6" SHUT OFF VALVE. VALVES SHALL MEET THE VALVE SPECIFICATION LISTED ABOVE.
 - ALL HYDRANTS SHALL BE THRUST BLOCKED. A POURED CONCRETE BUTTRESS SHALL BE INSTALLED ENSURING THAT NO CONCRETE PLUGS THE WEEP HOLE. PLEASE REFER TO THE STANDARD SPECIFICATIONS FILE NO. 38 (GREEN BOOK).
 - HYDRANT ASSEMBLIES SHALL BE WRAPPED IN POLYETHYLENE FILM.
 - IF CONDUIT IS TO BE ATTACHED TO EACH HYDRANT AND HYDRANT BARREL WHERE THE TRACER WIRE IS BROUGHT TO THE SURFACE (SEE FIGURE E) AND TERMINATED IN A VALVCO BRAND BOX (SEE FIGURE P) ATTACHED TO THE BASE OF HYDRANT.
 - ALL VALVES SHALL BE RESILIENT SEAT GATE VALVES (AWWA C-509). ALL UNDERGROUND TRIM (NUTS, BOLTS, ETC.) FOR VALVES SHALL BE STAINLESS STEEL.
 - R. A VALVE BOX ADAPTOR SHALL BE USED TO PREVENT SETTLING OR SHIFTING OF VALVE BOXES.
 - S. ALL VALVES SHALL HAVE NON-RISING STEMS, MECHANICAL JOINT ENDS, TURN LEFT TO OPEN, AND HAVE 2" SQUARE OPERATING NUT.
 - T. ALL VALVES SHALL HAVE STAINLESS STEEL BOLTS.
 - U. VALVES SHALL BE PLACED IN VALVE BOXES. VALVE BOXES SHALL BE EQUAL TO TYLER 6860, SIGMA V683DD, STAR VB DHD DW, THREE-PIECE ASSEMBLY, SIZE DD WITH COVER MARKED "WATER". PVC VALVE BOXES ARE NOT ACCEPTABLE.
 - V. TRACER WIRE IS TO BE:
 - ALONG THE MAIN AND LATERALS.
 - DIRECT BURIAL RATED COATING (HIGH DENSITY POLYETHYLENE (HDPE) OR HIGH MOLECULAR WEIGHT POLYETHYLENE (HMWPE)). MINIMUM 30 MIL. NYLON COATING IS NOT ACCEPTABLE.
 - INSULATED AWG#10 COPPER CONDUCTOR, HIGH STRENGTH WITH MINIMUM 600 POUND BREAK LOAD.
 - THE PROTECTIVE COATING MUST BE BLUE IN COLOR.
 - W. SPLICES (BURIED) AND WATER PROOFED USING SHRINK WRAP PER SWS FILE NO. 24 OR CITY APPROVED WATERPROOF UNDERGROUND SPLICE KIT. ALL OTHER SPLICE TECHNIQUES MUST BE APPROVED BY THE UTILITY SUPERINTENDENT. SPLICES SHALL BE KEPT TO A MINIMUM.
 - X. TRACER WIRE BOXES SHALL BE INSTALLED BEHIND HYDRANTS AND SHALL BE VALVCO BRAND.
 - Y. CONDUCTIVITY TESTING (CONTINUITY) OF THE WIRE SHALL BE PERFORMED PRIOR TO ACCEPTANCE.



PROJECT NUMBER: S-8713
PLOTTED: 4/18/2018 3:27 PM



TO OBTAIN LOCATIONS OF
PARTICIPATING UNDERGROUND
UTILITIES, BEFORE YOU
DIG IN WISCONSIN.

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WS STATUTE 182.0175(1974)
REQUIRES 48 HOURS NOTICE
BEFORE YOU EXCAVATE
MILW. AREA 259-1181

FOR: NFI JACKSON, LLC

PLAN & PROFILE - WEST
COBBLESTONE MEADOWS
PART OF THE SE 1/4 OF SECTION 19, T 10 N, R 20 E,
VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN

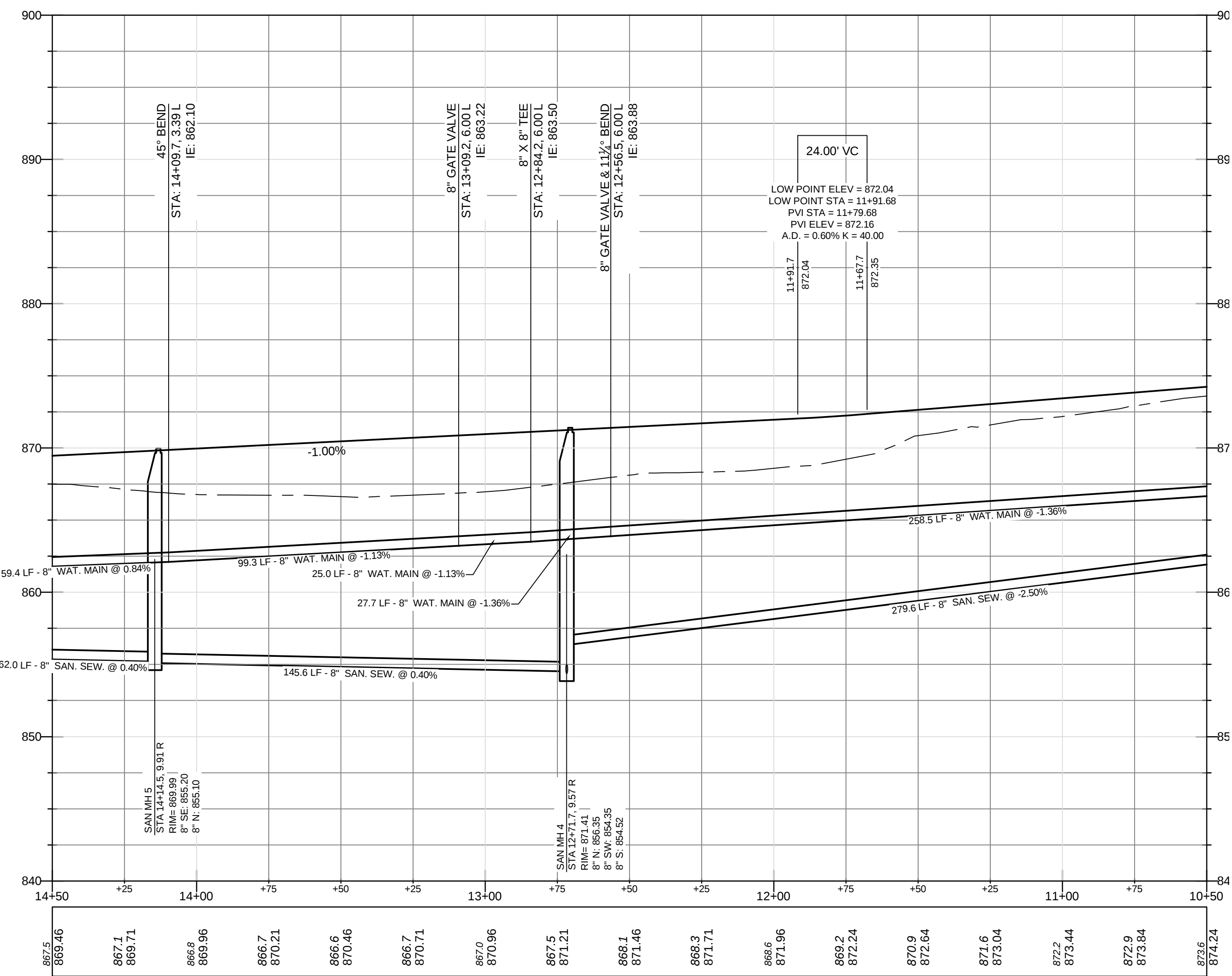
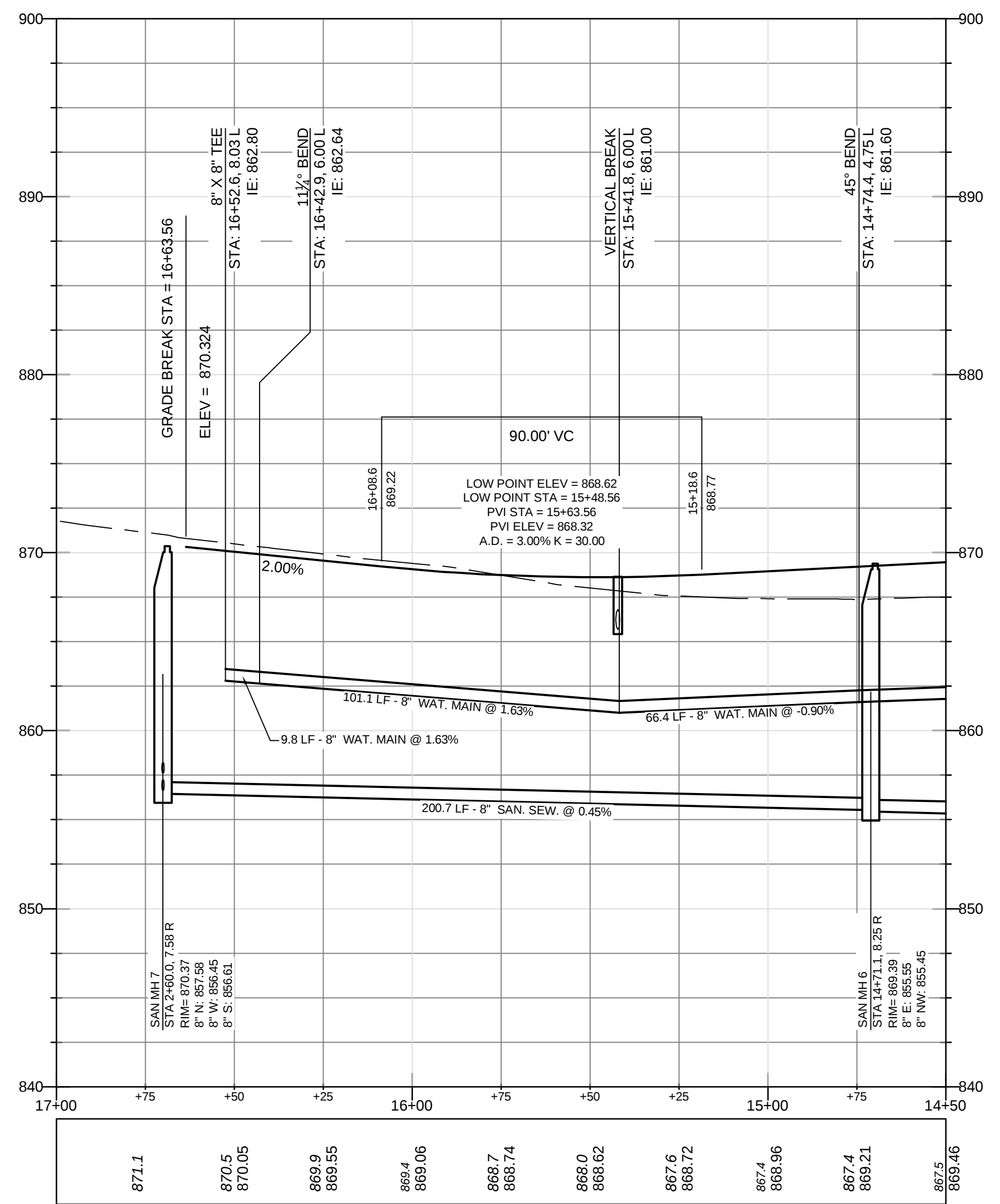
JAHNKE & JAHNKE ASSOCIATES INC.

PLANNERS & PROFESSIONAL ENGINEERS
711 W. MORELAND BLVD.-WAUKESHA, WI 53188
TEL: (262) 542-5797 FAX: (262) 542-7698 (E-MAIL: PJJenswold@JahnkeAndJahnke.com)

SCALE: 1"= 30' HORIZ, 1"=6' VERT.	DATE: APRIL 6, 2018
DRAWN BY: GEM	CHECKED BY: PJJ
BOOK NO.: WASHINGTON 56 / PG 1	JOB: S-8713
	SHEET 5 OF 8

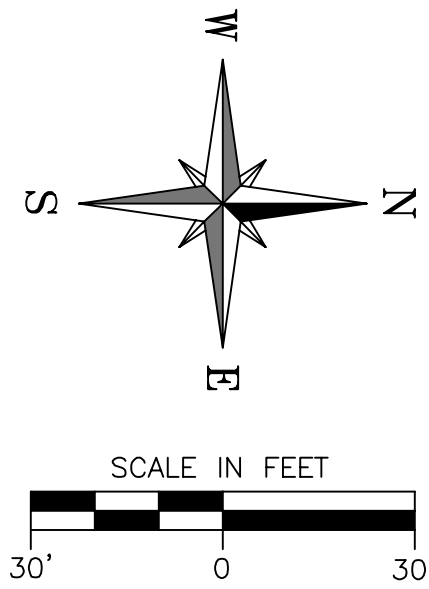
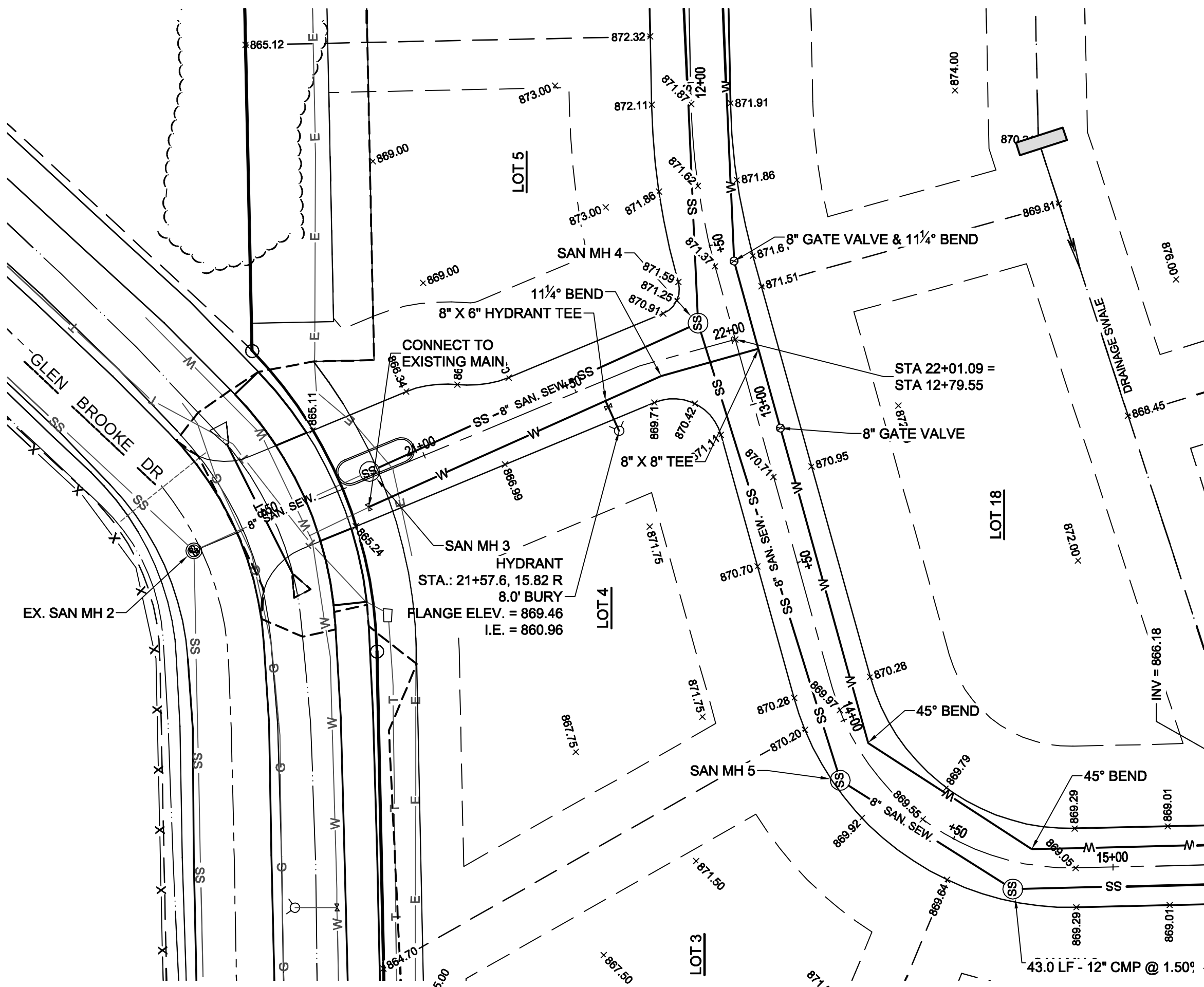
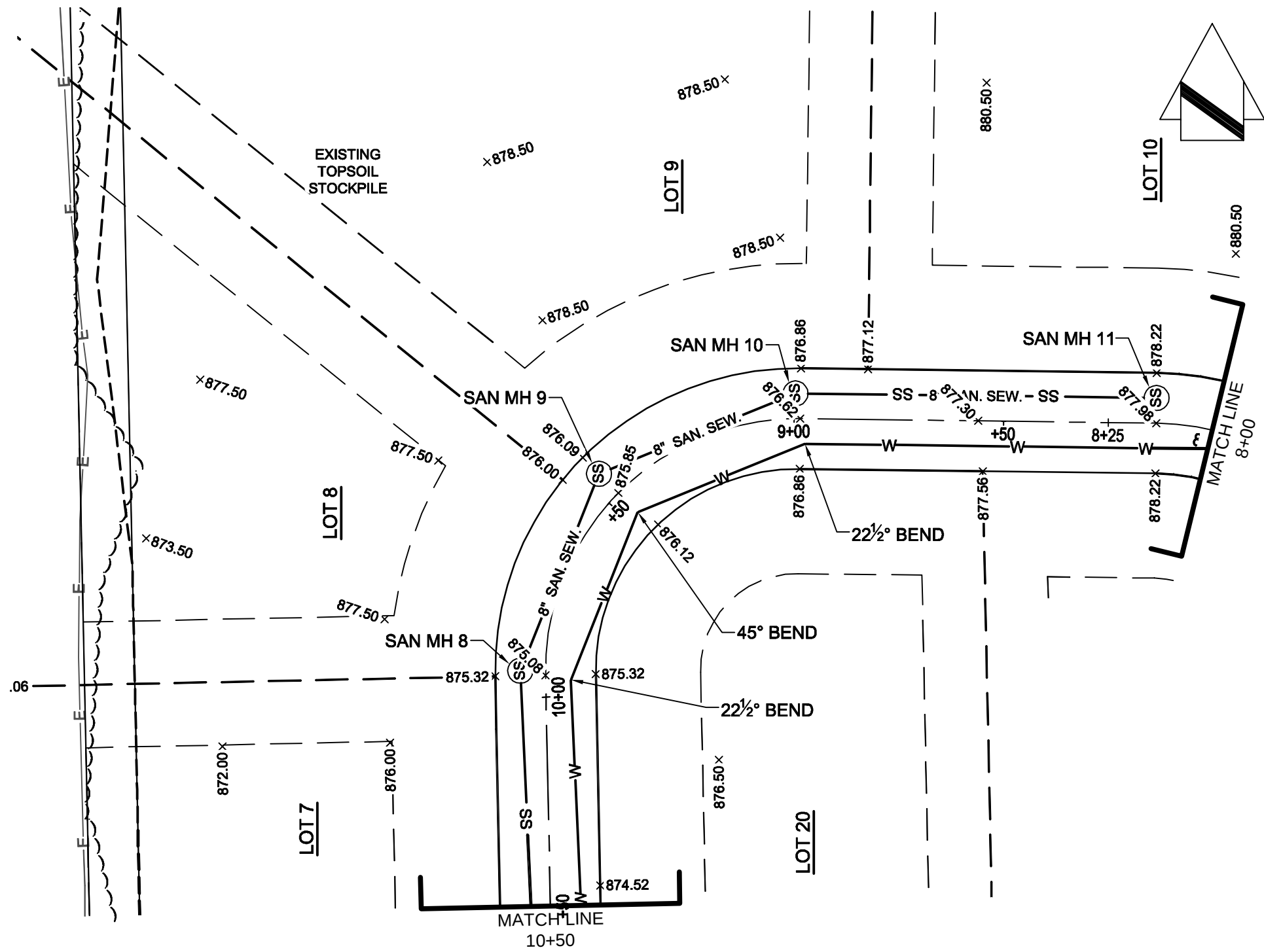
REVISIONS

2018-04-18 WM PROFILE



PROJECT NUMBER: S-8713
PLOTTED: 4/18/2018 3:27 PM

PROJECT NUMBER: S-8713
PLOTTED: 4/18/2018 3:27 PM



CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WS STATUTE 182.0175(1974)
REQUIRED 90' WORK DAYS
NOTICE BEFORE YOU EXCAVATE
MILW. AREA 259-1181

FOR: NFI JACKSON, LLC

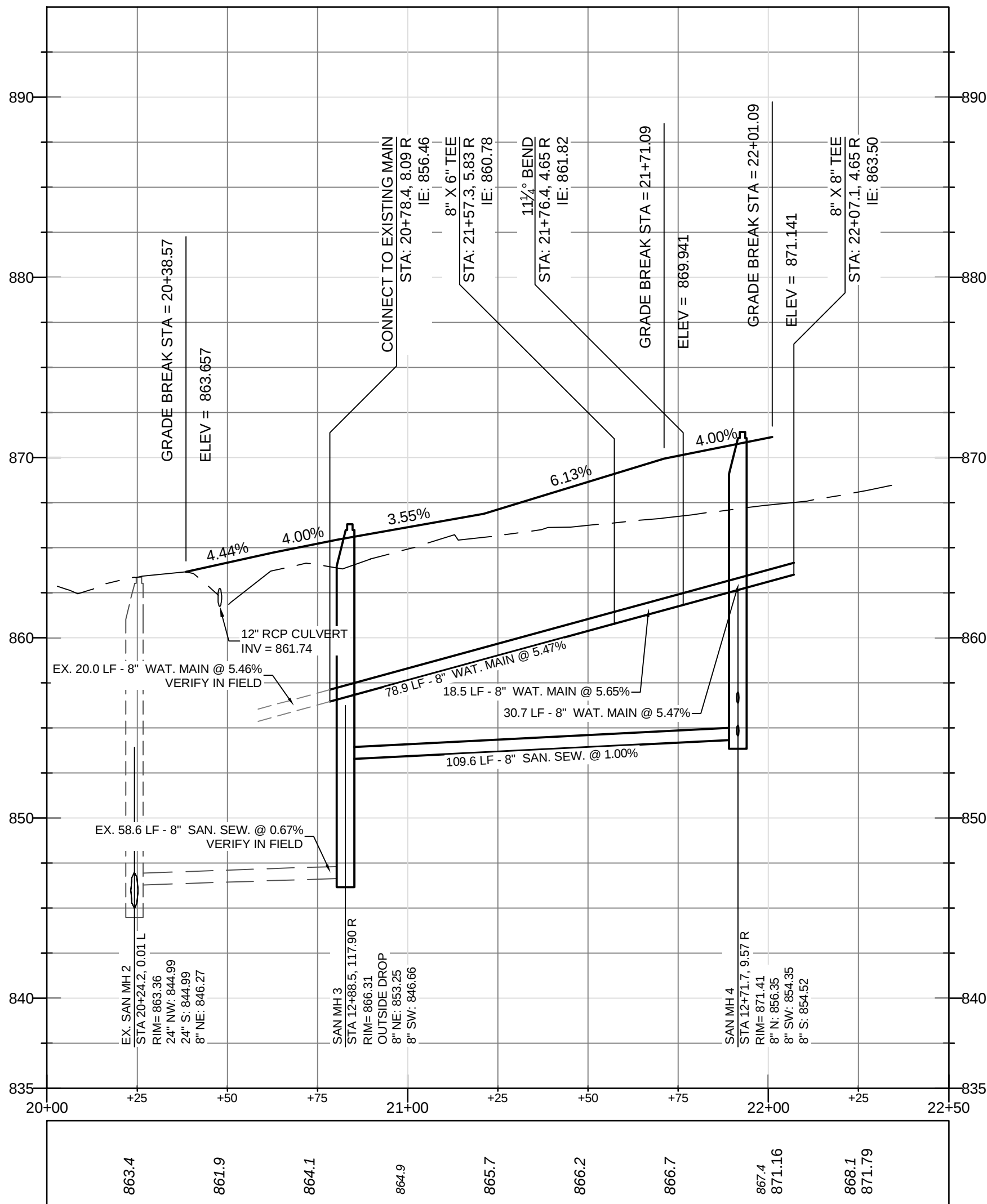
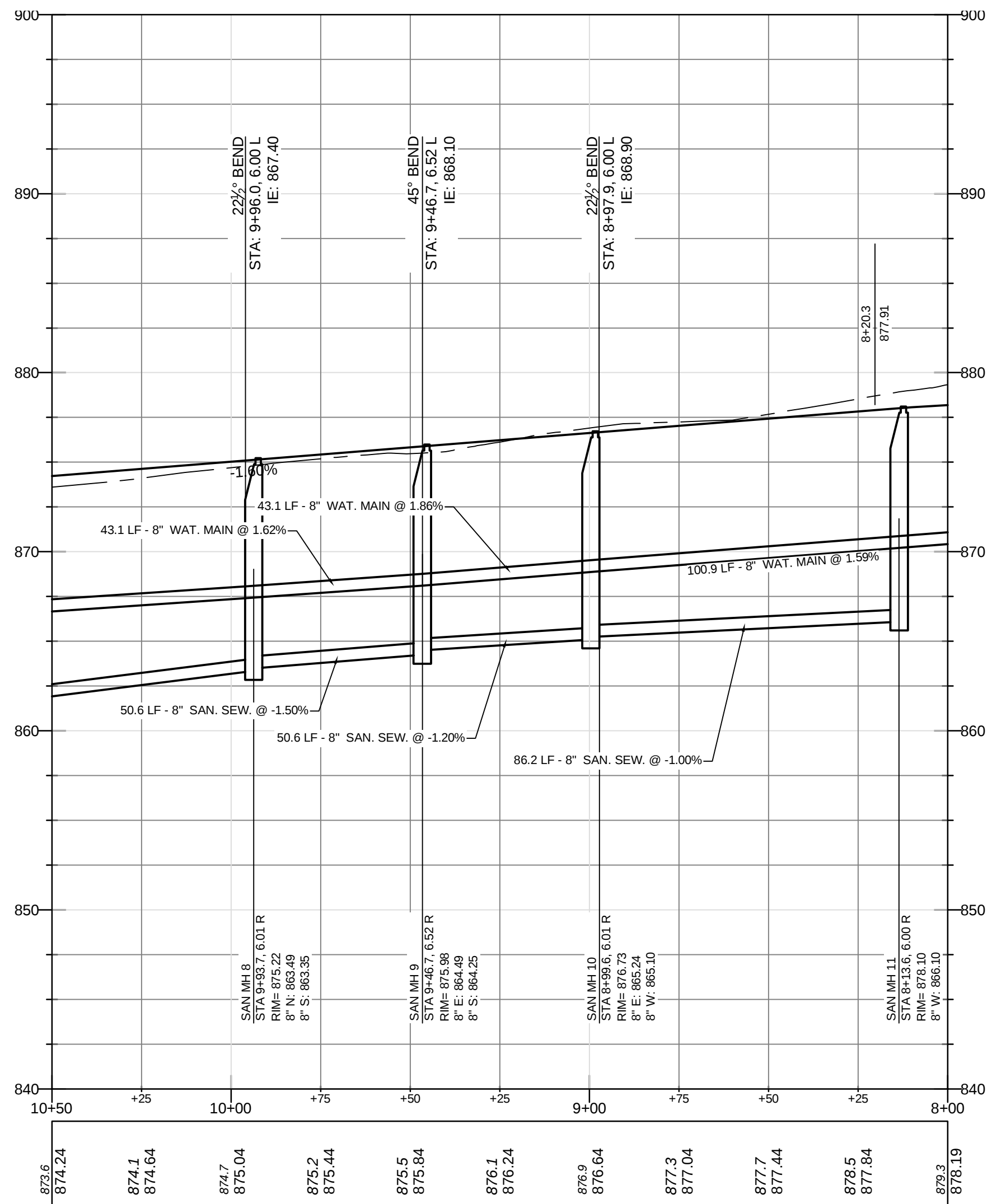
PLAN & PROFILE - NORTH
COBBLESTONE MEADOWS
PART OF THE SE 1/4 OF SECTION 19, T 10 N, R 20 E,
VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN

JAHNKE & JAHNKE ASSOCIATES INC.

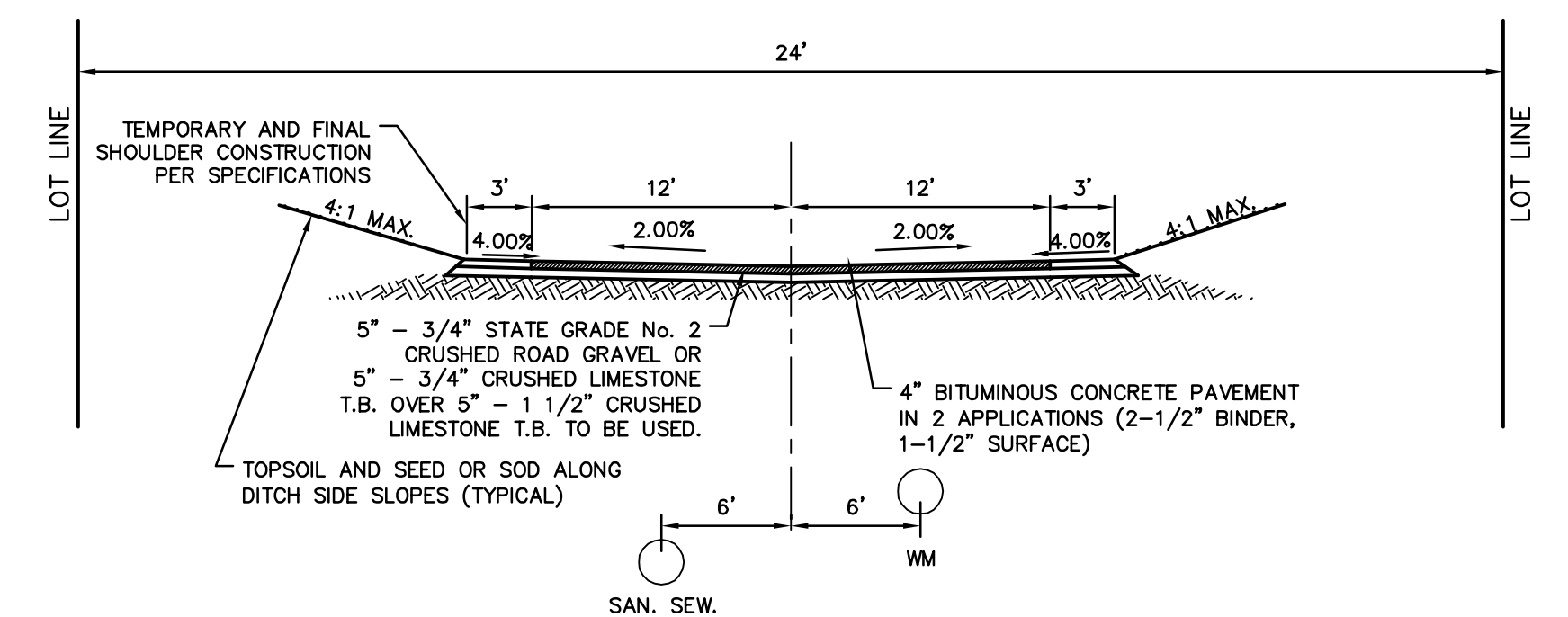
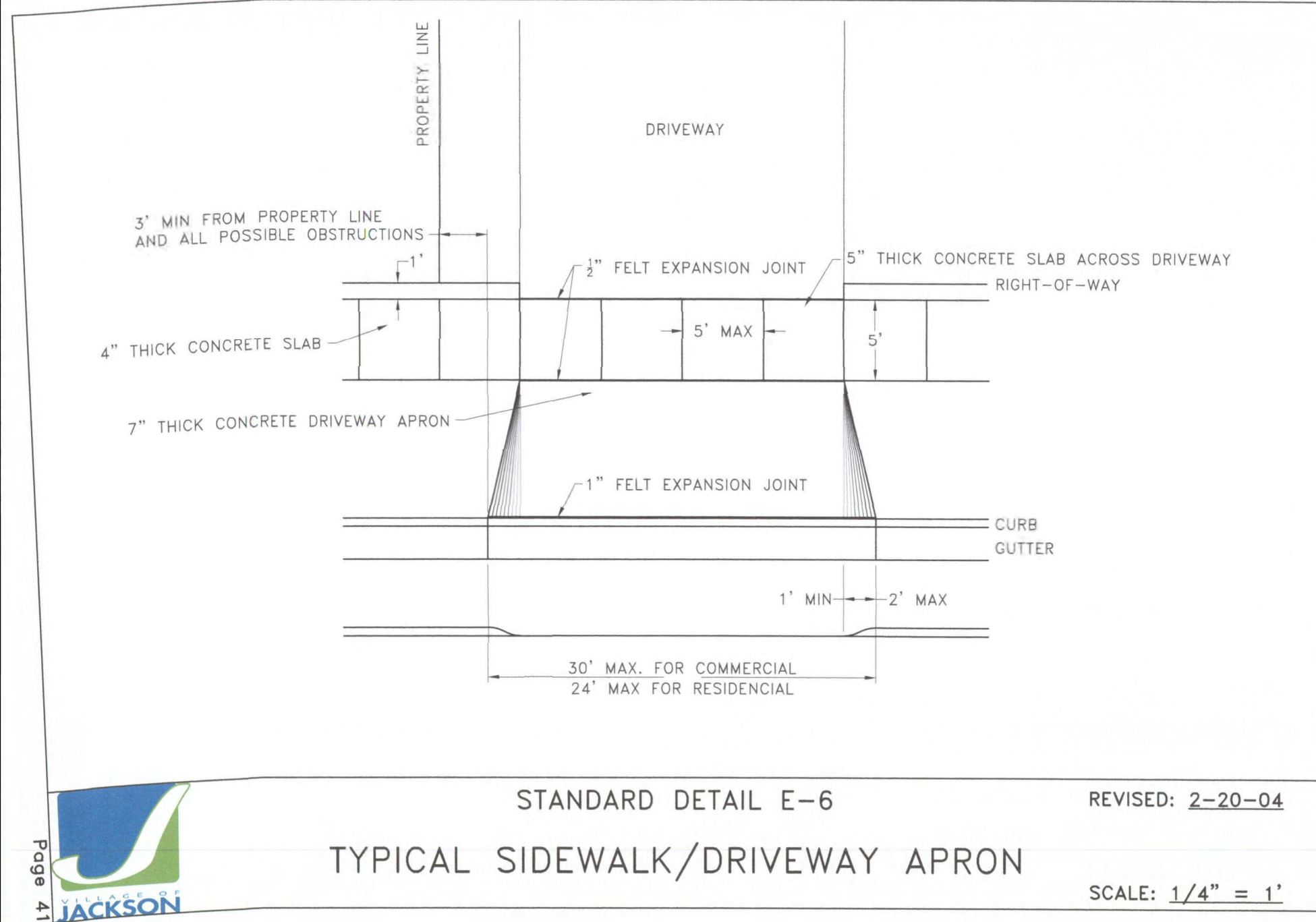
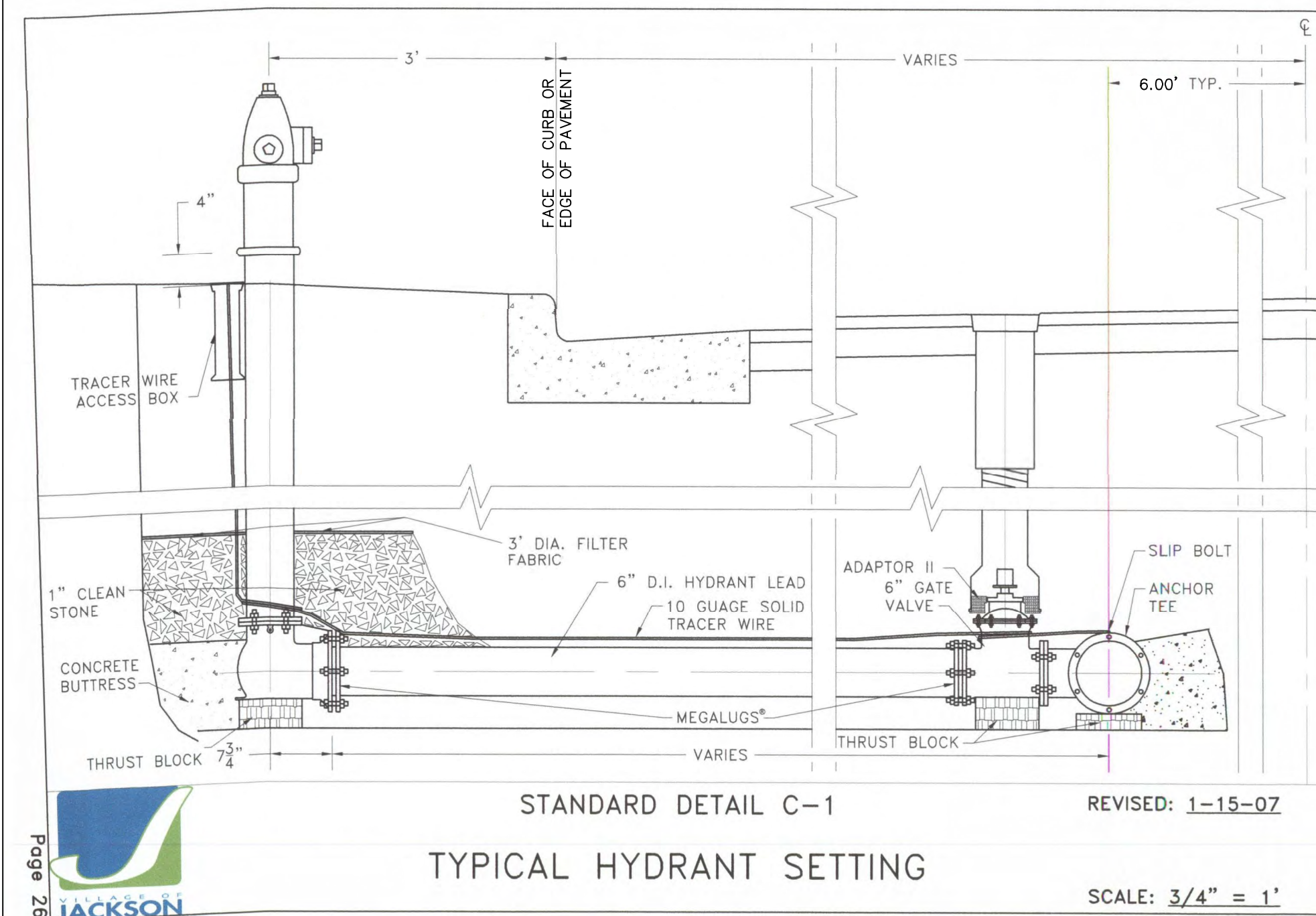
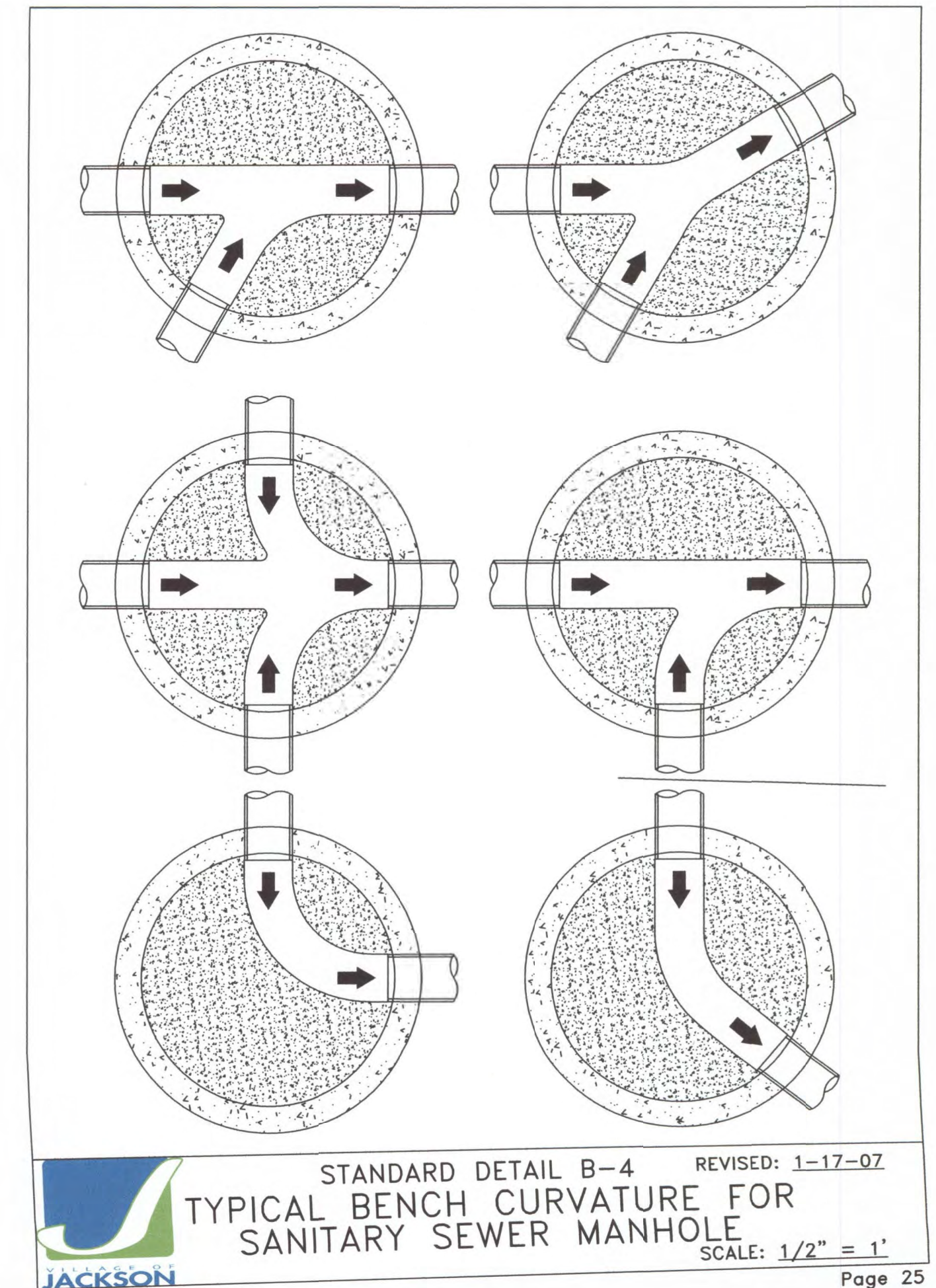
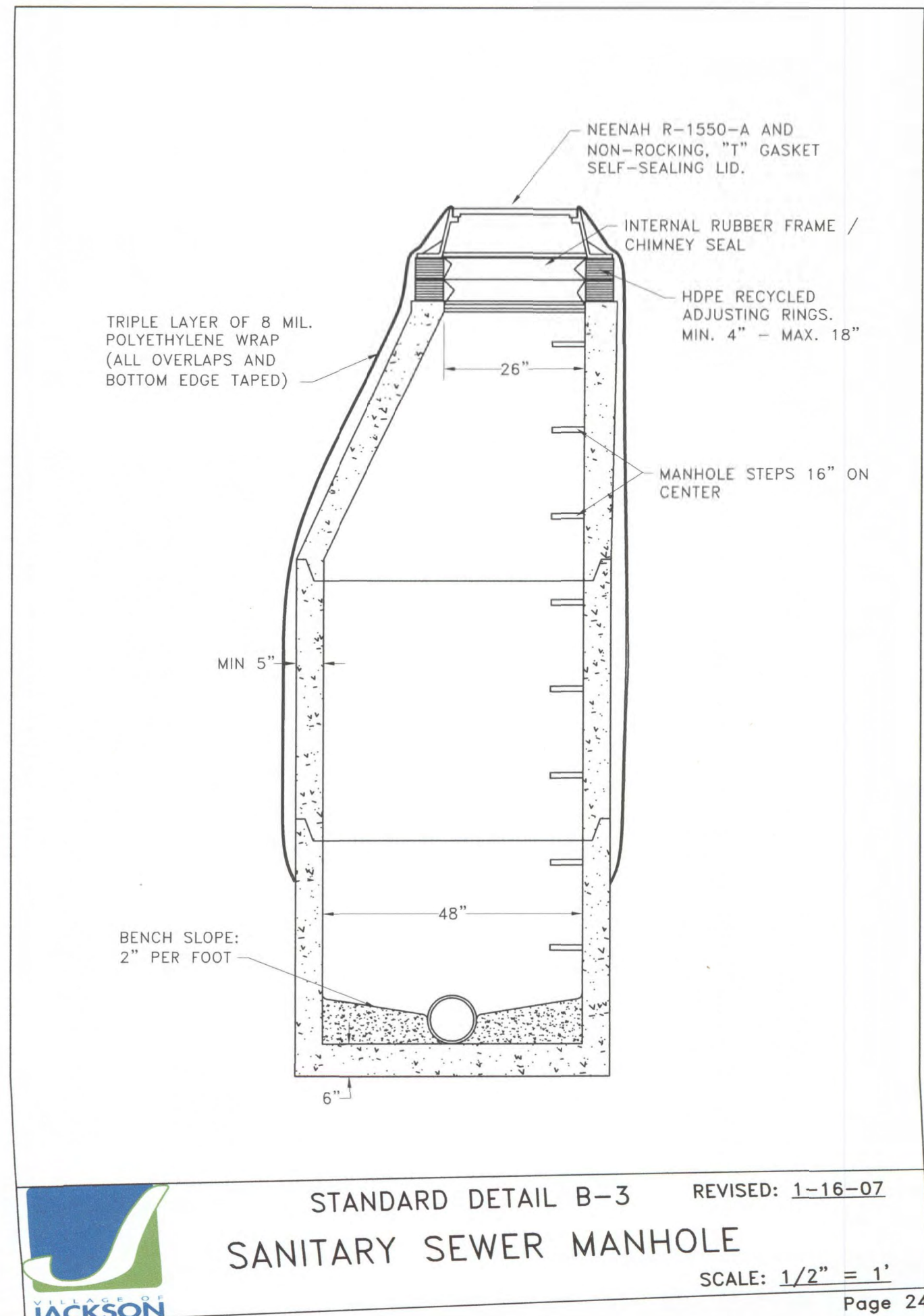
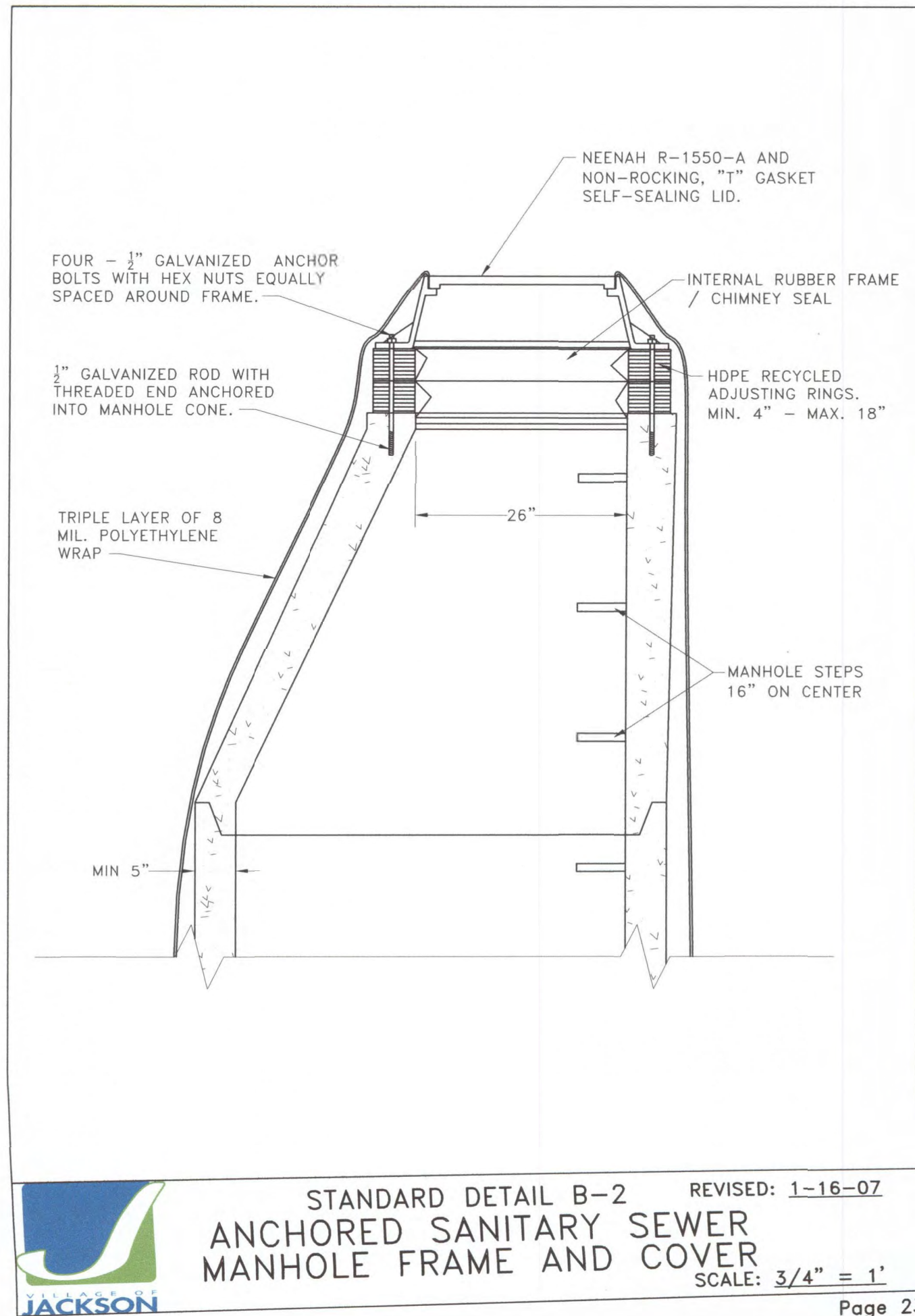
PLANNERS & PROFESSIONAL ENGINEERS

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TEL.No.(262) 542-5797 FAX (262) 542-7698 (E-MAIL PJJenswold@JahnkeAndJahnke.com)

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DRAWN BY: GEM	CHECKED BY: PJJ
BOOK NO.: WASHINGTON 56 / PG 1	JOB: S-8713
FILE NO.: WASHINGTON 419	SHEET 6 OF 8



REVISIONS



FOR: NFI JACKSON, LLC	
CONSTRUCTION DETAILS	
COBBLESTONE MEADOWS	
PART OF THE SE 1/4 OF SECTION 19, T 10 N, R 20 E,	
VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN	
JAHNKE & JAHNKE ASSOCIATES INC.	
PLANNERS & PROFESSIONAL ENGINEERS	
711 W. MORELAND BLVD. - WAUKESHA, WI 53188	
TEL No. (262) 542-5797 FAX (262) 542-7698 (E-MAIL PJenswold@JahnkeAndJahnke.com)	
SCALE: 1"= 40'	DATE: APRIL 6, 2018
DRAWN BY: GEM	CHECKED BY: PJJ
BOOK NO.: WASHINGTON 56 / PG 1	JOB: S-8713
SHEET 7 OF 8	



Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)



Developer: Cobblestone Builders
Project: Cobblestone Meadows
Date: 04/04/18
County: Washington

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	06/01/18	06/21/18	12.1%	120	Silt Loam	0.43	3.4%	740	0.75	1.00	4.7	1.170	Silt Fence	3.3
Seed with Mulch or Er	06/21/18	11/15/18	65.9%	120	Silt Loam	0.43	2.0%	580	0.34	0.10	1.2	1.206	Silt Fence	0.8
End	11/15/18	-----	-----	-----	-----	-----	2.0%	580	0.34	-----	-----	0.000	-----	0.0
-----	-----	-----	-----	-----	-----	-----	2.0%	580	0.34	-----	-----	0.000	-----	0.0
-----	-----	-----	-----	-----	-----	-----	2.0%	0	-----	-----	-----	0.000	-----	0.0
-----	-----	-----	-----	-----	-----	-----	0.0%	0	-----	-----	-----	0.000	-----	0.0
TOTAL											5.8	-----	TOTAL	4.1
													% Reduction Required	NONE

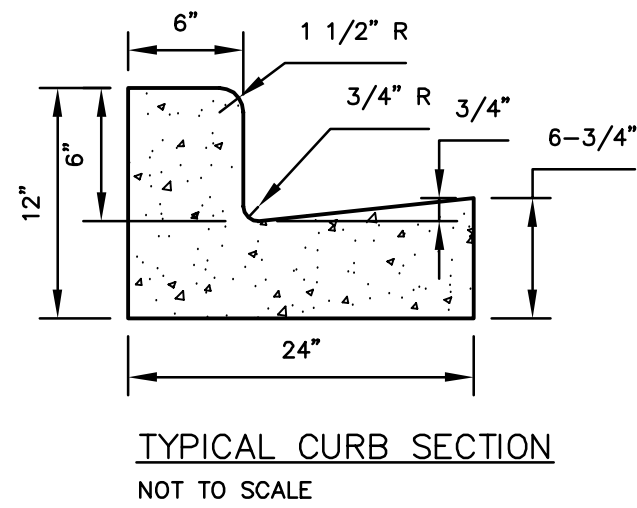
Notes:
See Help Page for further descriptions of variables and items in drop-down boxes.
The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

Recommended Permanent Seeding Dates:
4/15-6/1 and 8/1-8/21 Turf, introduced grasses and legumes
Thaw-6/30 Native Grasses, forbs, and legumes

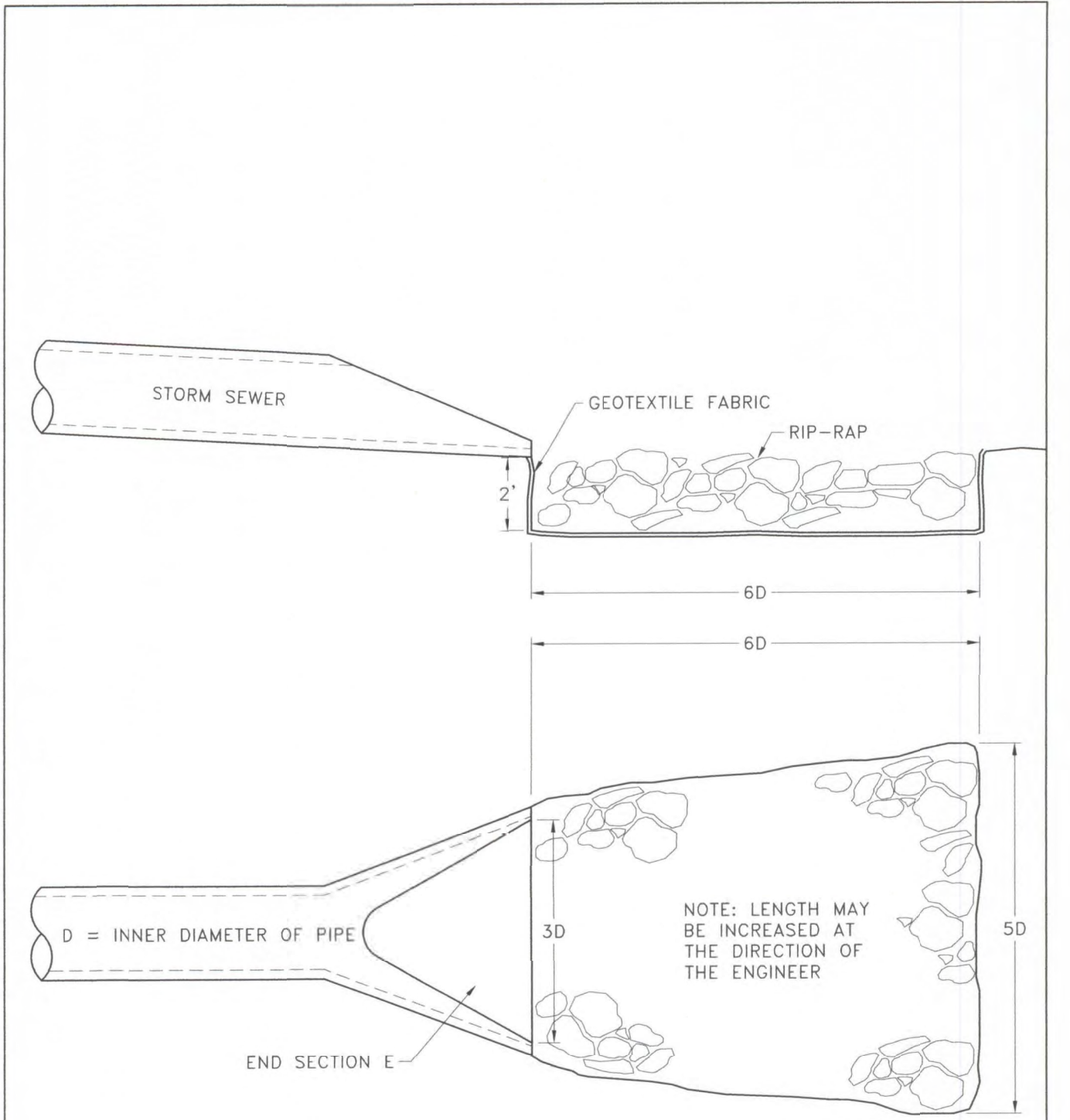
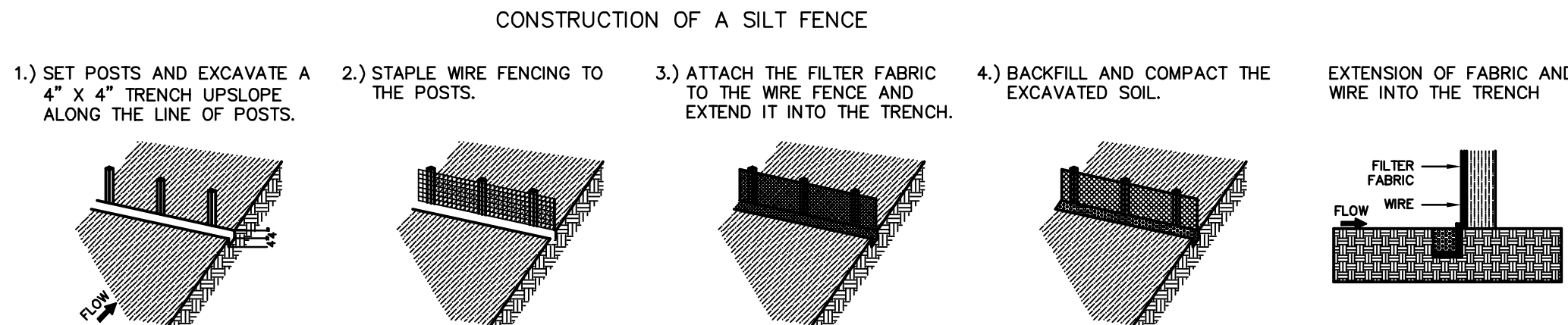
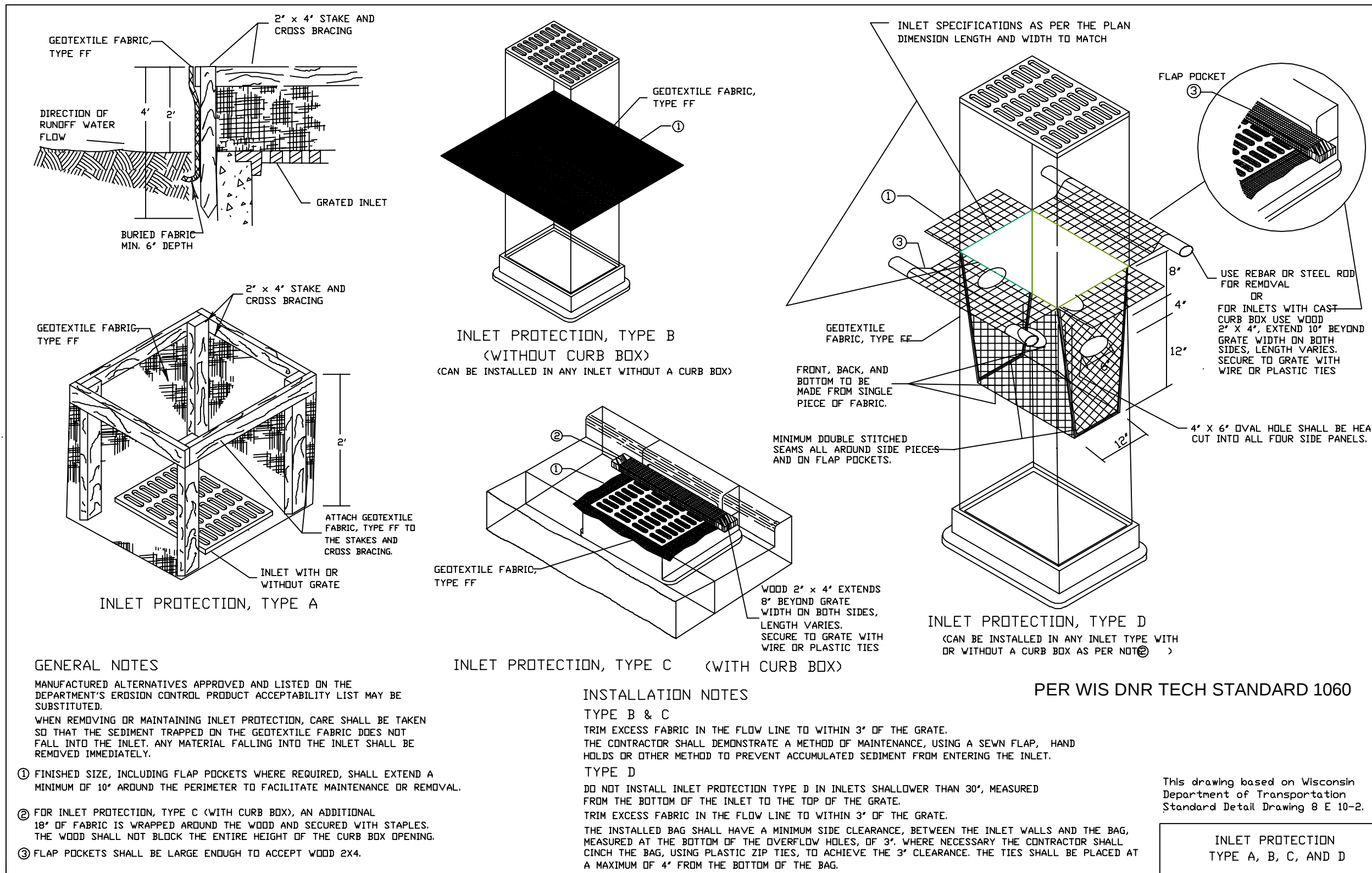
NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Designed By: Paul Jenswold, P.E.
Date: 4/4/2018

T:\Projects\S-8000s Projects\S-8713 Cobblestone Meadows\USLEmodel.xlsm



TYPICAL CURB SECTION
NOT TO SCALE

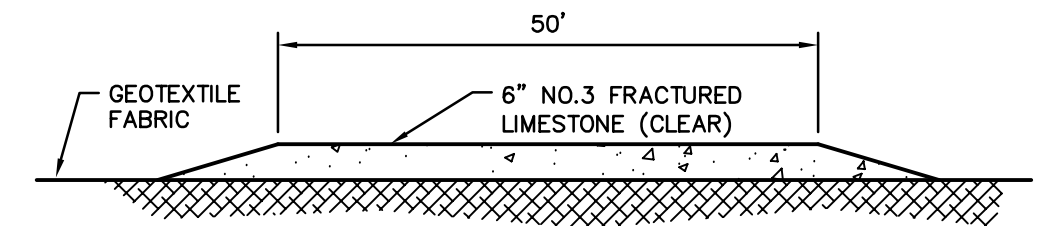


STANDARD DETAIL D-3
RIP-RAP

REVISED: 3-11-04

SCALE: NONE

Page 29

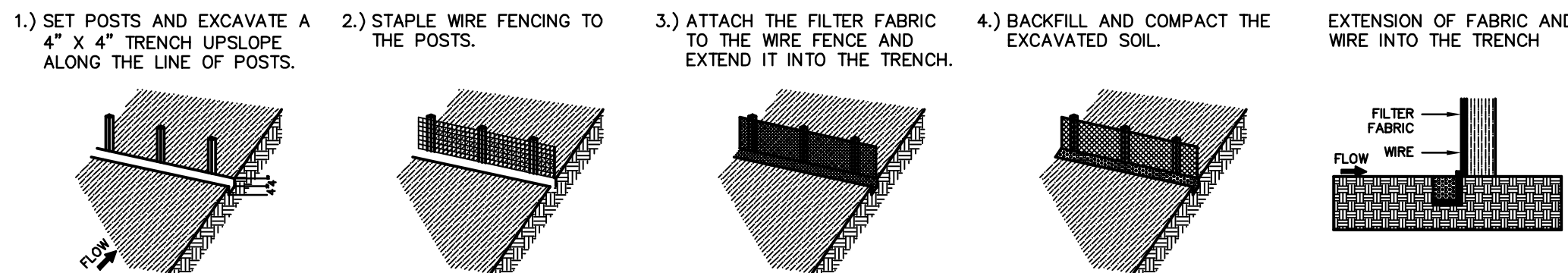


NOTE: CONTRACTOR TO INSTALL TRACKING PAD PRIOR TO START OF CONSTRUCTION, AND MAINTAIN UNTIL WORK IS COMPLETED.

CONTRACTOR TO CLEAN EXISTING STREET DAILY.

TRACKING PAD DETAIL
NOT TO SCALE

CONSTRUCTION OF A SILT FENCE



FOR: NFI JACKSON, LLC
CONSTRUCTION DETAILS
COBBLESTONE MEADOWS
PART OF THE SE 1/4 OF SECTION 19, T 10 N, R 20 E,
VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN

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SCALE: NONE DATE: APRIL 6, 2018
DRAWN BY: GEM CHECKED BY: PJJ FILE NO.: WASHINGTON 419
BOOK NO.: WASHINGTON 56 / PG 1 JOB: S-8713 SHEET 8 OF 8

Public Works Report

April 24, 2018

Treatment Plant - Designed Capacity – 1.67 million gallons per day
 Peak Flow Capacity – 6.0 million gallons per day

Year 2016

January	Avg. Flow 611,323 g.p.d.	Min. Flow 451,000 g.p.d.	Max. 924,000 g.p.d.
February	Avg. Flow 640,793 g.p.d.	Min. Flow 496,000 g.p.d.	Max. 851,000 g.p.d.
March	Avg. Flow 821,839 g.p.d.	Min. Flow 567,000 g.p.d.	Max. 1.463 MGD
April	Avg. Flow 718,000 g.p.d.	Min. Flow 563,000 g.p.d.	Max. 1.079 MGD
May	Avg. Flow 615,000 g.p.d.	Min. Flow 490,000 g.p.d.	Max. 937,000 g.p.d.
June	Avg. Flow 622,700 g.p.d.	Min. Flow 513,000 g.p.d.	Max. 892,000 g.p.d.
July	Avg. Flow 690,935 g.p.d.	Min. Flow 457,000 g.p.d.	Max. 1.074 MGD
August	Avg. Flow 1.039 MGD	Min. Flow 822,000 g.p.d.	Max. 1.338 MGD
September	Avg. Flow 1.333 MGD	Min. Flow 813,000 g.p.d.	Max. 2.166 MGD
October	Avg. Flow 1.319 MGD	Min. Flow 949,000 g.p.d.	Max. 2.572 MGD
November	Avg. Flow 1.111 MGD	Min. Flow 859,000 g.p.d.	Max. 1.818 MGD
December	Avg. Flow 1.211 MGD	Min. Flow 889,000 g.p.d.	Max. 2.063 MGD

Year 2017

January	Avg. Flow 1.230 MGD	Min. Flow 979,000 g.p.d.	Max. 1.606 MGD
February	Avg. Flow 1.204 MGD	Min. Flow 926,000 g.p.d.	Max. 2.141 MGD
March	Avg. Flow 1.559 MGD	Min. Flow 1.09 MGD	Max. 2.398 MGD
April	Avg. Flow 1.552 MGD	Min. Flow 1.049 MGD	Max. 2.446 MGD
May	Avg. Flow 1.392 MGD	Min. Flow 666,000 g.p.d.	Max. 2.588 MGD
June	Avg. Flow 1.283 MGD	Min. Flow 763,000 g.p.d.	Max. 2.429 MGD
July	Avg. Flow 1.225 MGD	Min. Flow 879,000 g.p.d.	Max. 1.711 MGD
August	Avg. Flow 1.049 MGD	Min. Flow 750,000 g.p.d.	Max. 1.414 MGD
September	Avg. Flow 870,300 g.p.d.	Min Flow 714,000 g.p.d.	Max. 1.132 MGD
October	Avg. Flow 953,871 g.p.d.	Min. Flow 563,000 g.p.d.	Max. 1.257 MGD
November	Avg. Flow 886,967 g.p.d.	Min. Flow 729,000 g.p.d.	Max. 1,154 MGD
December	Avg. Flow 835,484 g.p.d.	Min. Flow 651,000 g.p.d.	Max. 1.074 MGD

Year 2018

January	Avg. Flow 893,258 g.p.d.	Min. Flow 693,000 g.p.d.	Max. 1.541 MGD
February	Avg. Flow 1.072 MGD	Min. Flow 651,000 g.p.d.	Max. 2.476 MGD
March	Avg. Flow 1.011 MGD	Min. Flow 702,000 g.p.d.	Max. 1.365 MGD

Years Summary of Water Consumption

2006 Total Pumpage 207,719,000 gallons
 2008 Total Pumpage 229,613,000 gallons
 2010 Total Pumpage 239,326,000 gallons
 2012 Total Pumpage 253,492,000 gallons
 2014 Total Pumpage 230,973,000 gallons
 2016 Total Pumpage 254,531,000 gallons

2007 Total Pumpage 217,224,000 gallons
 2009 Total Pumpage 231,160,000 gallons
 2011 Total Pumpage 240,268,000 gallons
 2013 Total Pumpage 228,371,000 gallons
 2015 Total Pumpage 222,621,000 gallons
 2017 Total Pumpage 251,387,000 gallons

Year 2016

Jan.	Avg.	580,680 g.p.d.	Highest Day 734,000 gals.	Total	18,001,000 gallons
Feb.	Avg.	603,930 g.p.d.	Highest Day 710,000 gals.	Total	17,514,000 gallons
March	Avg.	586,650 g.p.d.	Highest Day 693,000 gals.	Total	18,186,000 gallons
April	Avg.	660,200 g.p.d.	Highest Day 1.021 MGD	Total	19,806,000 gallons
May	Avg.	681,130 g.p.d.	Highest Day 997,000 gals.	Total	21,115,000 gallons
June	Avg.	781,870 g.p.d.	Highest Day 1.113 MGD	Total	23,456,000 gallons
July	Avg.	865,610 g.p.d.	Highest Day 1.046 MGD	Total	26,834,000 gallons
August	Avg.	817,940 g.p.d.	Highest Day 1.084 MGD	Total	25,356,000 gallons
Sept	Avg.	700,630 g.p.d.	Highest Day 835,000 gals	Total	21,019,000 gallons
Oct	Avg.	738,520 g.p.d.	Highest Day 1.235 MGD	Total	22,894,000 gallons
Nov	Avg.	654,530 g.p.d.	Highest Day 829,000 gals	Total	19,636,000 gallons
Dec	Avg.	668,190 g.p.d.	Highest Day 779,000 gals	Total	20,714,000 gallons

Year 2017

Jan.	Avg.	630,710 g.p.d.	Highest Day 771,000 gals.	Total	19,552,000 gallons
Feb.	Avg.	640,790 g.p.d.	Highest Day 885,000 gals	Total	17,942,000 gallons
March	Avg.	611,520 g.p.d.	Highest Day 691,000 gals	Total	18,957,000 gallons
April	Avg.	703,070 g.p.d.	Highest Day 1.173 MGD	Total	21,092,000 gallons
May	Avg.	683,420 g.p.d.	Highest Day 988,000 gals	Total	21,186,000 gallons
June	Avg.	762,230 g.p.d.	Highest Day 1.044 MGD	Total	22,867,000 gallons
July	Avg.	730,580 g.p.d.	Highest Day 953,000 gals	Total	22,648,000 gallons
August	Avg.	745,900 g.p.d.	Highest Day 903,000 gals	Total	23,123,000 gallons
Sept	Avg.	738,170 g.p.d.	Highest Day 996,000 gals	Total	22,145,000 gallons
Oct	Avg.	716,100 g.p.d.	Highest Day 1.055 MGD	Total	22,199,000 gallons
Nov	Avg.	646,500 g.p.d.	Highest Day 783,000 gals	Total	19,395,000 gallons
Dec	Avg.	654,230 g.p.d.	Highest Day 754,000 gals.	Total	20,281,000 gallons

Year 2018

Jan.	Avg.	674,710 g.p.d.	Highest Day 831,000 gals.	Total	20,916,000 gallons
Feb.	Avg.	660,820 g.p.d.	Highest Day 762,000 gals.	Total	18,503,000 gallons
March	Avg.	646,810 g.p.d.	Highest Day 784,000 gals.	Total	20,051,000 gallons

Pump Capacity - Well #1- 400 g.p.m. Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

WWTP – Holding & Septage Receiving

2005	\$ 87,562.01	2006	\$101,115.11	2007	\$152,201.07	2008	\$210,441.47
2009	\$183,815.34	2010	\$197,653.66	2011	\$220,576.28	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32	2015	\$210,644.47	2016	\$220,473.17
2017	\$232,358.23						

2016	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,359,400			3,500	47,700	\$11,528.02
Feb	1,443,000			1,500	31,350	\$11,666.26
March	1,515,950			5,600	102,900	\$14,166.14
April	1,600,500			25,000	284,250	\$20,110.01
May	1,560,350			24,000	246,200	\$18,817.63
June	1,551,600			49,100	257,900	\$20,048.50
July	1,195,900			21,850	278,400	\$16,803.25
August	1,506,850			29,750	276,250	\$19,397.63
September	1,501,850			48,550	373,430	\$22,541.63
October	1,447,150			126,250	389,054	\$25,629.98
November	1,471,800			40,900	343,250	\$21,255.76
December	1,657,250			11,250	225,160	\$18,508.38

2017	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,287,450			10,500	57,100	\$11,503.39
Feb	1,358,400		28,500	1,750	78,550	\$13,361.76
March	1,678,850		22,000	28,100	174,900	\$18,967.89
April	1,581,350			35,600	320,900	\$21,306.63
May	1,745,550			51,150	394,600	\$25,002.63
June	1,664,600			38,700	321,950	\$22,081.26
July	1,599,070			33,100	230,150	\$19,070.78
August	1,669,850			35,100	273,850	\$20,774.14
September	1,430,000			37,350	248,125	\$18,422.13
October	1,710,550			64,200	454,850	\$26,768.38
November	1,541,700			50,150	353,050	\$22,395.00
December	1,174,400			13,700	127,250	\$12,539.26

2018	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,627,400			2,250	70,400	\$14,055.51
Feb	1,632,750			1,750	69,850	\$14,061.88
March	1,589,150			6,450	197,600	\$17,943.45

Final Lift for Developed Subdivisions, and other Utility Projects for Bid

The final lift for English Oaks and Stonewall Developments project has been approved by the Village Board next step is special assessment process. Also, other small projects (Highland Road water main extension, Sherman Road sanitary sewer extension, Stonehedge Storm Sewer, and relocating hydrants with the CTH P Reconstruction Project) will start on Monday, April 23rd. The last snow storm has pushed the project back a week.

Rosewood Drive/TIF Expansion Project

TIF #6 has been created for the development of the property. Washington County is reconstructing CTH P in the same area with a start date of May 14, 2018. The proposed construction start date is in May of 2018 for Rosewood Lane project. We are looking is the fiber optic line needs to be lowered along CTH P. Preconstruction meeting CTH P Reconstruction has been scheduled for May 1st.

GIS Program

Town and Country Engineering have completed the map changes, and the maps are being shared with the different Departments. Future training is being scheduled.

Storm Water Management Plan

We will continue to monitor the system per the Storm Water Management Plan. The Village is working with the DNR for the reimbursement from the approved grant. The Mid-Moraine Collective Group is working a possible group storm water permit. We have not received the grant money from the DNR. No Change.

SCADA Upgrade Project

Town & Country Engineering is working with staff to complete the SCADA System project. Staff is receiving training on the new work order program. We are review the last pay request at this meeting.

Chateau Drive Reconstruction Project

A meeting will be scheduled early this Spring to create a new punch list to complete the project. Waiting for Spring to start!

CTH P and STH 60 Intersection Project and old Park-n-Lot Property

Discussion continues with Washington County and WisDOT on ownership. No change.

Ridgeway Drive Reconstruction Project

Vinton Construction is the low bidder. They are doing the Village's other projects. A informal information meeting has been scheduled prior to the April Board of Public Works meeting starting at 6:00 PM.

WWTP Lab Cabinet Replacement

Colors are being selected for the new cabinets. Production of the cabinets have started.

Moving to New Street and Department Building

Staff is slowly occupying the building. Ventilation System has been installed and needs testing for certification. We are still waiting for internet service to the building since February, once completed the rest of the staff will move to the building. Hope that occurs in the next two weeks, since this will be a busy summer of construction projects.

Cobblestone Meadows Development

On the agenda for approval of engineering design and permission to expand the Jackson water and sewer systems.

Laurel Springs Addition No. 1

Staff is working on the Developers Agreement in order to complete the approval process for the start of the project. Respectfully submitted, Brian W. Kober, P.E.