

**City of Oconomowoc
Utility Committee**

Aldermen: Kowieski, Chairman / Zwart, Secy / Shaw

**Tuesday February 18, 2020 - 6:50 PM
City Hall - Conference Room 3**



Notice: If a person with a disability requires that the meeting be accessible or that materials at the meeting be in an accessible format, call the City Clerk's office at least 48 hours in advance to request adequate accommodations. Tel: 569-2186

- 1. Call to Order, Roll Call and Confirmation of appropriate Meeting Notification**
- 2. Committee Business**
 - a. Consider/recommend Awarding Engineering Design Services for Digester Cover Replacement/HVAC Upgrades
 - b. Consider/recommend Approving the Valley Road Water Main Extension Special Assessment
- 3. Adjourn**

Diane Coenen, City Clerk
City of Oconomowoc

Members of other City governmental bodies (boards, commissions, committees, council, etc.) may attend the above noticed meeting of the Utility Committee to gather information. The only action to be taken at the above noticed meeting will be action by the Utility Committee. Utility Committee members should notify the City Clerk's Office at 569-2186 if they are unable to attend.



MEMORANDUM

DEPARTMENT

Date: 02/18/2020
 To: Utility Committee
 From: Kevin Freber
 Re: Consider/Act on Engineering Design Services for Digester Cover Rehabilitation/HVAC Upgrades

RELATES TO THE STRATEGIC PLAN

Strategic Goal- II. IMPROVE AND MAINTAIN OUR INFRASTRUCTURE

II.B. Maintain Our Existing Infrastructure

04. Develop a City inventory of major assets and projected replacement schedule - WWTP -
 Parcels/Infrastructure/Facilities

BACKGROUND

The Wastewater Department requested for proposals (RFP) for the engineering design for Digester Cover Rehabilitation/HVAC Upgrades. The RFP was advertised in the local newspaper on January 16, 2020 and January 23, 2020. A total of five firms inquired about the project and obtained the documents with all five firms provided a response.

The City's procurement policy requires the use of a qualifications-based selection (QBS) process for professional services. The City has used a combined approach to evaluating RFP's for professional services by weighting 80% of the points from the technical evaluation with 20% from the cost provided. With this process, proposals are not solely evaluated on qualifications only as a true QBS system would dictate but does incorporate cost as a major factor

The City staff members that were part of the review/evaluation team consisted of Kevin Freber Wastewater Operations Manager, Lucas Caine Sr. Utility Engineer, Tom Dickson Wastewater Foreman, and Ron Stock Wastewater Advanced Operator in charge of solids and Mary Moresco Wastewater Administrative Assistant. Each performed an independent review and scoring of the RFP's based on the following technical factors (points available): Understanding of the project and overall completeness of submittal (25), Proposed methodology and work plan to be used in the process (25), Past project experience of firm (25), Knowledge, experience and qualifications of firm and team members (25). The scoring sheets for each reviewer are summarized showing a breakdown of the average technical review scores and the points added due to the cost component, resulting in an overall ranking of each firm.

Qualified Firms Step 2 Pricing	Average	Contract	Total	Proposal	% Cost
--------------------------------	---------	----------	-------	----------	--------

	Technical Points	Cost Points	Points	Costs	Points
Applied Technologies	94.6	17.5	112.1	\$112,134.00	70
Clark Dietz	84.6	25.0	109.6	\$78,315.00	100
Strand Associates	94.8	10.9	105.7	\$179,000.00	44
Symbiont	89.4	11.4	100.8	\$171,900.00	46
Ruekert Mielke	89.0	11.0	100.0	\$177,425.00	44

ADDITIONAL ANALYSIS

FINANCIAL IMPACT

Based on the City's QBS process, the review team is recommending the engineering services of Applied Technologies for the design engineering services for the Digester Cover Rehabilitation/HVAC Upgrades in the amount of \$112,134.00. This is a lump sum not to exceed.

RECOMMENDATION

Staff and Utility Committee recommends approval of the Applied Technologies. proposal for the engineering design services for the Digester Cover Rehabilitation/HVAC Upgrades in the amount of \$112,134.00, which is a not to exceed lump sum.

SUGGESTED MOTION

Consider act on the acceptance of the proposal from Applied Technologies for the Engineering Design Services for the Digester Cover Rehabilitation/HVAC Upgrades in the amount of \$112,137.

RESOLUTION NO. 20-R2857

**RESOLUTION AWARDING ENGINEERING DESIGN SERVICES FOR
DIGESTER COVER REPLACEMENT/HVAC UPGRADES**

WHEREAS, engineering design services are needed for the wastewater treatment plant; AND

WHEREAS, Wastewater Utility staff prepared a Request for Proposal advertisement, published the same, and thereon received five proposals; AND

WHEREAS, City staff followed the Procurement Policy for professional services and used a combined approach to evaluate proposals by weighting 80% of the points for technical evaluation and 20% for cost, so cost is incorporated as a factor; AND

WHEREAS, based on evaluation process completed by the evaluation team, under the direction of the Wastewater Operation Manager, the five firms that responded were ranked as follows:

1. Applied Technologies, Inc.
2. Clark Dietz
3. Strand Associates, Inc.
4. Symbiont Engineering, Scientists, and Construction, Inc.
5. Ruekert Mielke, Inc.

AND

WHEREAS, City staff and Utility Committee recommend that the proposal of Applied Technologies, Inc. in the amount of \$112,134.00 for engineering services be accepted.

NOW THEREFORE, BE IT HEREBY RESOLVED, the proposal of Applied Technologies, Inc. in the sum of \$112,134.00 for the design engineering services for the Digester Cover Replacement/HVAC Upgrade is hereby accepted, and appropriate City officials are authorized to enter into a contract with Applied Technologies, Inc. for said work.

BE IT FURTHER RESOLVED, that expenditures for this work will be charged to General Ledger Account 601-573-7000-210, Project Work order Number 120007

DATED: _____

CITY OF OCONOMOWOC

ATTEST:

By: _____
David Nold, Mayor

Diane Coenen, Clerk



MEMORANDUM

DEPARTMENT – WATER UTILITY

Date: January 29, 2020
To: Honorable Mayor Nold and members of the Common Council
From: Lucas Caine, P.E., City of Oconomowoc
Re: Valley Road Water Main Extension
Final Resolution Adoption

RELATES TO THE STRATEGIC PLAN

Strategic Goal: Improve and Maintain our Infrastructure
Strategic Plan Action Item II D1: Construction of Valley Road Watermain Extension

BACKGROUND

The Valley Road Water Main Extension has been identified to close two large radial water main feeds in the southwest area of the system, make water service available to previously unserved areas, and allow the overall water system to function with greater efficiency.

Past portions of the 12-in diameter water main in this area were funded partially by the Southwest Area Special Assessment. The Valley Road Water Main Extension, completed in 2019, makes water service available to new areas who had not contributed to the first portion of the 12-diameter water main. The special assessment district depicted on the Engineers Report had not previously contributed to the 12-diameter water main in this area. This Valley Road Water Main Extension will now benefit these parcels, and therefore they shall contribute to the cost of the extension based on its' determined Residential Equivalent Connection (REC).

The Utility recognizes past customers had paid a portion of this 12-in diameter water main, and this extension will benefit the water system as a whole. Therefore, the Utility has contributed to the project cost for the REC's of the previously contributed City parcels.

The Council previously adopted the preliminary resolution, Resolution No. 19-R2790, on February 19, 2019. The project is now complete, and the final step in the special assessment process is the adoption of this final resolution.

ADDITIONAL ANALYSIS

Past utility projects, similar to this project, have had costs recouped though the special assessment process. Therefore, the special assessment process shall apply to this project. The final cost per REC is \$655.24, which is less than the preliminary estimate of \$672.55 per REC.

FINANCIAL IMPACT

The Valley Road Water Main Extension was approved in the City of Oconomowoc Utilities 2016 budget, and the funds were carried forward to the City of Oconomowoc Utilities 2019 budget year in the amount of \$985,000 for a total project cost.

With the project completed, the total project cost is \$682,824.40. The Utility is contributing for the REC's that previously contributed to the water system which is approximately 81 percent of the overall cost of the project; at a cost of \$553,087.76. The total assessment cost project cost is \$129,736.64.

RECOMMENDATION

The City of Oconomowoc Utilities Department staff recommends the adoption of the final resolution declaring intent to levy special assessments under municipal police power pursuant to §66.0701 and §66.0703, Wis. Stats. for the Valley Road Water Main Extension.

SUGGESTED MOTION

Motion to adopt the final resolution declaring intent to levy special assessments under municipal police power pursuant to §66.0701 and §66.0703, Wis. Stats.

RESOLUTION NO. 20-R2855

FINAL RESOLUTION
TO LEVY SPECIAL ASSESSMENTS
UNDER MUNICIPAL POLICE POWER
PURSUANT TO §66.0701, STATS & §66.0703, WIS. STATS..

WHEREAS, as a service to property owners within the City of Oconomowoc, the City has offered to make certain water system improvements as identified in the 2017 Water System Study, if the affected property owners would execute the necessary documents and contribute a portion of the costs which would be paid over time as special assessments; and

WHEREAS, waivers of notices and hearings, necessary easements and other related documents have been executed by all owners of property within the assessment district regarding the following work:

Installation of the 12-inch diameter water main along Valley Road from approximately Oconomowoc Parkway westerly to connect to Waters Edge Drive (hereinafter the "Work"); and

WHEREAS, the property to be benefitted and assessed lies within the following described Assessment District: All of the properties within the City of Oconomowoc identified by address and tax key number as follows:

<u>Address</u>	<u>Tax Key Number</u>
Undeveloped Land – Valley Road	OCOC0607997
999 Valley Road	OCOC0607998
901 Valley Road	OCOC0607997001
Undeveloped Land – Valley Road	OCOC0607999001

WHEREAS, the City Common Council deems the assessments described in the report of the Engineer to be just and reasonable and the amount of the assessments does not exceed the benefits to the property owners in the Assessment District;

WHEREAS, the City Common Council finds it to be just and reasonable to allow payment in one cash lump sum or to be made in five equal annual installments, with 5.5% annual interest; and

WHEREAS, on or about February 19th, 2019, the City Common Council adopted a preliminary resolution declaring its intent to levy special assessments to benefitted properties.

NOW, THEREFORE, The City Common Council of the City of Oconomowoc, Waukesha County, Wisconsin, DO RESOLVE AS FOLLOWS:

SECTION 1: FINAL ASSESSMENTS

1. The report of the Engineer, a copy of which is on file in the office of the City Clerk and incorporated by reference herein as if fully set forth herein, is adopted and approved.
2. Payment for the improvements shall be made in part by assessing the properties benefitted as indicated in the Engineer's report, within the Assessment District described herein.
3. Assessments shown on the report represent an exercise of the City police power and have been determined on a reasonable basis and are hereby confirmed in the amounts shown in the report.
4. The assessment or charge against any parcel may be paid in one cash lump sum or in five annual installments. For all currently undeveloped and developed property within the benefitted area, the total assessment will be deferred until such time that any of the following should occur: sale or transfer of land ownership, land annexation or attachment, certified survey map approval, subdivision plat approval, or any change in the use of the property including connection to the water system, or private well failure.
5. If a tax certificate is issued under Wisconsin Statutes Section 74.57 for property that is subject to a installment payment obligation, the City Common Council may provide that the amounts of any such unpaid special assessment are due on the date that the tax certificate is issued and are payable as are other delinquent special assessments for any money received under Wisconsin Statutes Sections 75.05 or 75.36.
6. The City Clerk shall publish this resolution as a Class 1 Notice under Chapter 985, Wisconsin Statutes, and mail a copy of this resolution and a statement of the final assessment against the benefitted property together with notice of installment payment privileges to the owners of every property that appears on the assessment roll whose post office address is known or can with reasonable diligence be ascertained

SECTION 2: SEVERABILITY.

The several sections of this resolution are declared to be severable. If any section or portion thereof shall be declared by a court of competent jurisdiction to be invalid, unlawful or unenforceable, such decision shall apply only to the specific section or portion thereof directly specified in the decision, and shall not affect the validity of any other provisions, sections or portions thereof of the resolution. The remainder of the resolution shall remain in full force and effect. Any other resolutions whose terms are in conflict with the provisions of this resolution are hereby repealed as to those terms that conflict.

SECTION 3: EFFECTIVE DATE.

This resolution shall take effect immediately upon passage as provided by law.

DATED this ____ day of _____, 2020

CITY OF OCONOMOWOC

Dave Nold, Mayor

ATTEST:

Diane Coenen, City Clerk

REPORT OF THE ENGINEER
VALLEY ROAD WATER MAIN EXTENSION

The City of Oconomowoc Utilities is submitting this Engineer's Report to summarize the costs and identify the properties for the special assessment associated with the installation of the 12-inch diameter water main in Valley Road, from approximately Oconomowoc Parkway westerly to Waters Edge Drive. An illustration of the overall project is included for reference.

This Engineer's Report consists of the following:

- a. Map of the benefited area
- b. Summary of the project costs of the water improvements
- c. Schedule of assessments
- d. Copy of the Preliminary Resolution declaring the intent to levy special assessments
- e. Recitation of the record drawings and specifications for the improvements

In 2006 and again in 2017, the City of Oconomowoc Utilities had a water system study completed for the entire existing and future planned service area. One of the study's recommendations was the continuation of large diameter transmission mains to encompass the City as it grows and continues to expand its' boundaries. One emphasis has been the elimination of large dead ends and to not allow long dead ends in the future. The proposed extension consists of installation of a 12-inch water main on Valley Road heading west from Oconomowoc Parkway to Waters Edge Drive. This connects the Hickory Woods Subdivision with the rest of the distribution system, eliminating the radial feed for almost 200 customers. The completion of this water main extension on Valley Road will complete the 12-inch diameter loop for this area and is considered a critical system improvement to increase reliability and available fire flow demands. In addition, it will immediately impact the ability for the West Standpipe to match the working water levels of the other three elevated tanks on the system. This will allow for better overall system operations going forward.

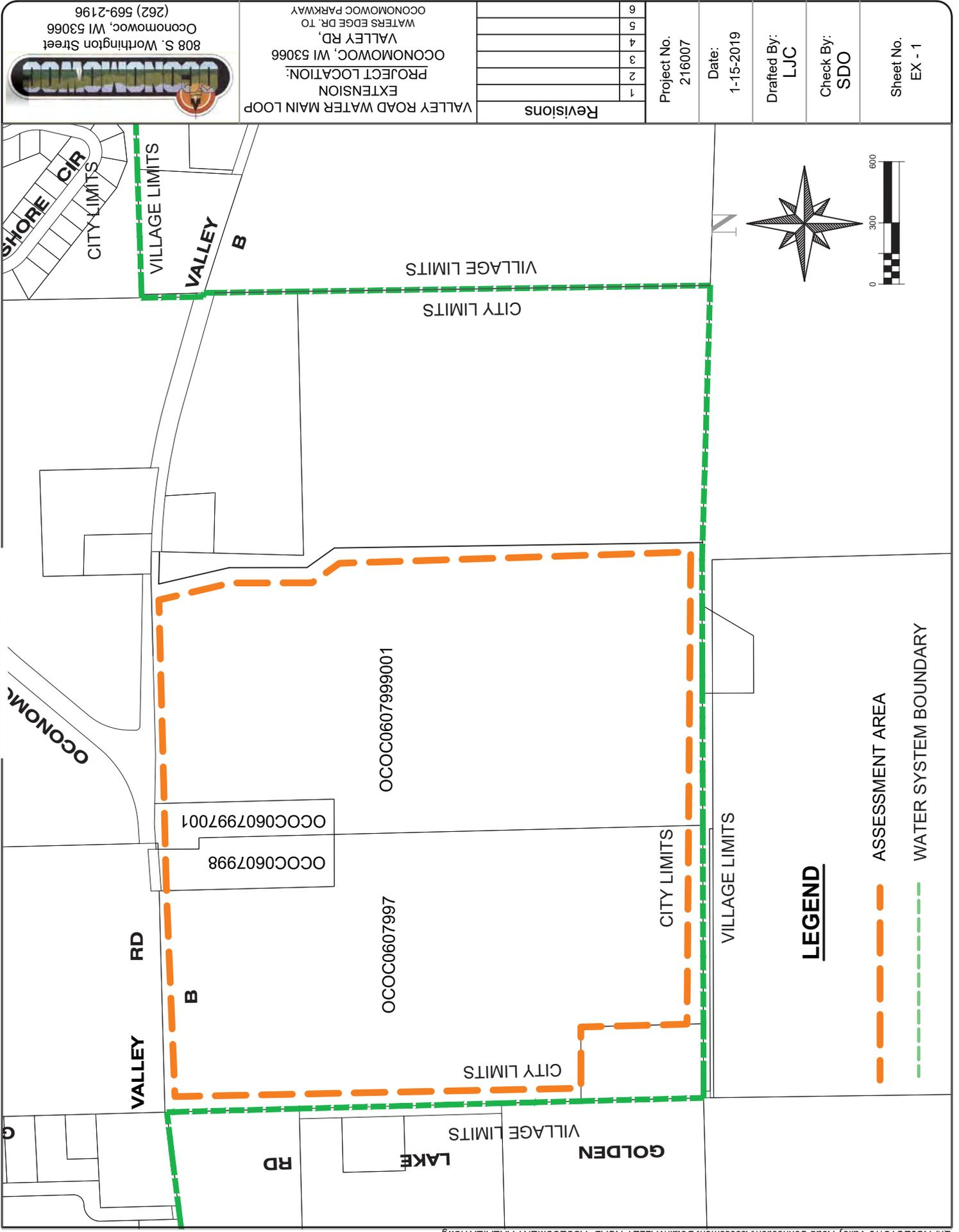
The benefitted area will consist of City parcels that abut the new water main. This results in only the four parcels that were most recently area annexed into the City (south of Valley Road). The remainder of the parcels that also "benefit" from this water main extension are either adjacent to the new main but in the Village or were previously part of the SW Area Assessment. The City parcels that will be part of the assessment area based on its benefit from the 12-inch water main extension are depicted on 'A Map of the Benefited Area'. A schedule of the deferred Special Assessments (City) are broken down based on an assigned Residential Equivalency Connection (REC). The REC was determined on the zoning and density of the lands to be developed, the planned/designed subdivision layout, or a count of existing lots developed. The City Planner was involved in determining these REC estimates. The portion of the City customer previously assessed under the SW Area Assessment, which totals approximately 81% the cost. The City adopted Preliminary Resolution No. 19-R2790 on February 19th, 2019, which defines this specific project, proposed chargeback procedures, and gives authorization to the City of Oconomowoc Utilities to complete the project.

A map of the benefited area



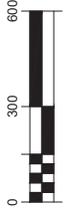
OCONOMOWOC
 808 S. Worthington Street
 Oconomowoc, WI 53066
 (262) 569-2196

EXHIBIT 1



LEGEND

-  ASSESSMENT AREA
-  WATER SYSTEM BOUNDARY



Revisions

1	
2	
3	
4	
5	
6	

Project No.
216007

Date:
1-15-2019

Drafted By:
LJC

Check By:
SDO

Sheet No.
EX - 1

VALLEY ROAD WATER MAIN LOOP
EXTENSION
PROJECT LOCATION:
VALLEY RD,
OCONOMOWOC, WI 53066
WATERS EDGE DR. TO
OCONOMOWOC PARKWAY



808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

Summary of the project cost of the water improvements

SUMMARY OF PROJECT COST- WONDRA CONSTRUCTION

Valley Road Water Main Extension

City of Oconomowoc

Project # 47-10043.200

Work Order # 216007

#	Description	Unit	Quantity	Unit Price	Total
1	Mobilization	L.S.	1.00	\$5,000.00	\$5,000.00
2	Traffic Control	L.S.	1.00	\$8,600.00	\$8,600.00
3	Silt Fence	L.F.	3,825.00	\$1.45	\$5,546.25
4	Inlet Protection (Type D)	EA.	2.00	\$95.00	\$190.00
5	Manufactured Ditch Checks	EA.	8.00	\$100.00	\$800.00
6	12-Inch Ductile Iron Water Main w/ Spoil Backfill	L.F.	3,932.80	\$60.00	\$235,968.00
7	12-Inch Ductile Iron Water Main w/ Slurry Backfill	L.F.	725.60	\$161.50	\$117,184.40
8	12-Inch Water Main Valve	EA.	11.00	\$2,700.00	\$29,700.00
9	6-Inch Hydrant Lead w/ Spoil Backfill	L.F.	56.20	\$68.00	\$3,821.60
10	6-Inch Hydrant Lead w/ Slurry Backfill	L.F.	22.00	\$135.00	\$2,970.00
11	Hydrant Assembly and Valve	EA.	12.00	\$5,200.00	\$62,400.00
12	Relocate Existing Hydrant	EA.	1.00	\$1,700.00	\$1,700.00
13	Gravel Driveway Replacement	S.F.	13.00	\$0.80	\$10.40
14	Asphalt Driveway Replacement	S.F.	686.00	\$13.00	\$8,918.00
15	Temporary Concrete Trench Patch	S.Y.	123.13	\$40.00	\$4,925.20
16	Asphaltic Concrete Trench Patch	S.Y.	645.80	\$79.00	\$51,018.20
17	4" Topsoil, Seed, Fertilizer and Hydro-Mulch	S.Y.	15,933.00	\$3.45	\$54,968.85
18	Topsoil, Temporary Seed, Fertilizer, Mulch and Tackifier	SY	0.00	\$1.30	\$0.00
19	Pavement Markings: 4-inch White	L.F.	176.00	\$6.50	\$1,144.00
20	Pavement Markings: 4-inch Yellow	L.F.	0.00	\$6.50	\$0.00
21	Pavement Markings: 18-inch White Stop Bar	L.F.	15.00	\$25.00	\$375.00
MA-1	Tree Removal	I.D.	427.00	\$50.00	\$21,350.00
				Sub Total	\$616,589.90
				Engineering, Design & Inspection	\$66,234.50
				Total Project Cost	\$682,824.40

Schedule of assessments

ASSESSMENT ROLL

PROJECT NAME: VALLEY ROAD WATER MAIN EXTENSION
 PROJECT LOCATION: VALLEY ROAD, OCONOMOWOC PARKWAY WEST TO WATERS EDGE DRIVE
 UNIT COST PER REC: **\$655.24**

*THE FOLLOWING ASSESSMENT ARE BASED FROM ESTIMATED COSTS OF THE PROJECT
 THE FOLLOWING PROPERTIES ARE BENEFITED BY THE PROPOSED IMPROVEMENTS*

ID	TAX KEY	CODE	TYPE	ACRES	REC	PROPERTY OWNER NAME	MAILING ADDRESS	CITY	ST	ZIP CODE	TOTAL ASSESSMENT
1	OCOC0607997	1	B	71.4	110	RICHARD J & MARLENE K NETTESHEIM REVOCABLE TRUST	W220S3201 TRINITY LN WAUKESHA	WAIKESHA	WI	53189	\$72,076.40
2	OCOC0607998	1	A	4.8	2	WILLIAM WISE	999 W VALLEY RD OCONOMOWOC	OCONOMOWOC	WI	53066	\$1,310.48
3	OCOC0607997001	1	A	3.7	2	PATRICK J GARITY	901 W VALLEY RD OCONOMOWOC	OCONOMOWOC	WI	53066	\$1,310.48
4	OCOC0607999001	1	B	80.2	84	PATRICK T & MARY SUE MCNAMEE LIVING TRUST	555 W VALLEY RD OCONOMOWOC	OCONOMOWOC	WI	53066	\$55,040.16

SUB-TOTAL RECs = 198

Total Construction Cost = \$616,589.90
 Engineering, Design, and Inspection = \$66,234.50
 Total Project Cost = \$682,824.40
 Assessment Portion Paid by City = \$553,087.76
 Total Assessment = \$129,736.64

TOTAL RECs (Valley Rd + SW Area) = 1040

CODES :
 1 City of Oconomowoc parcels - Per Municipal Codes 66.0701 and 66.0703 pertaining to Special Assessments
 A Based on EXISTING LOTS on developed lands = # RECs from Pre Plat and Final Plat
 B Based on undeveloped buildable acres using densities endorsed by City Planner: SF Res development @ range of 0.95 to 1.55 ddu/ac : # ddu/ac* # ac = # REC ≈ # REC
 OU% The % amount the City Utility is contributing to this project = Total RECs Benefitted in SW Area / Total RECs Benefitted in City south of Valley Rd

Copy of the Preliminary Resolution
declaring the intent to levy special assessments

RESOLUTION NO. 19-R2790

PRELIMINARY RESOLUTION DECLARING INTENT TO LEVY
SPECIAL ASSESSMENTS UNDER MUNICIPAL POLICE POWER
PURSUANT TO §66.0701 AND §66.0703, Wis. STATS.

RESOLVED, by the Common Council of the City of Oconomowoc, Waukesha County, WI:

1. The Common Council of the City of Oconomowoc hereby declares its intention to exercise its police power under §66.0701 and §66.0703, Wis. Stats., to levy special assessments upon property in the assessment district hereafter described for benefits conferred upon such property by reason of the following public work and improvements:

Installation of 12-inch diameter water main along Valley Road from approximately Oconomowoc Parkway westerly to connect to Waters Edge Drive.

2. The Common Council of the City of Oconomowoc hereby declares its intention to levy special assessments to the City properties that lie within the assessment district for benefits to be conferred upon such properties by reason of the above stated public work and improvements which will be realized upon connection to the water system.

3. The property to be assessed and charged lies within the assessment district, which boundaries and limits are described on Exhibit 2 attached hereto and as shown on the map attached hereto and incorporated herein and made a part hereof by reference as Exhibit 1.

4. The total amount assessed against the property in the described assessment district shall not exceed the total cost of the improvements.

5. The total amount allocated in the assessment roll to those properties not subject to special assessment but subject to a contribution in aid of construction shall not exceed the total cost of the improvements allocable to those properties.

6. The Common Council determines that the improvements constitute an exercise of police power for the health, safety and general welfare of the City and its inhabitants.

7. The City of Oconomowoc Utilities engineering staff shall prepare a report which consists of:

- a. A recitation of the final plans and specifications for the improvements.
- b. An estimate of the entire cost of the proposed water improvements.
- c. A schedule of proposed special assessments to City parcels.

8. When the report is completed, the City of Oconomowoc Utilities engineering staff shall file a copy of the report with the City Clerk for public inspection, and if state property is to be assessed, shall mail a copy of the report to the responsible state agency, and for assessments of \$50,000.00 or more, to the Wisconsin State Building Commission.

9. Upon receiving the report of the Water Department engineering staff, the Clerk shall cause notice to be given stating the nature of the proposed improvements, the general boundary lines of the proposed assessment district (including a small map thereof), the time and place at which the report may be inspected, and the time and place of the public hearing on the matters contained in the preliminary resolution and the report. This notice shall be published as a Class 1 notice under Chapter 985, Wis. Stats., and a copy shall be mailed at least ten days before the hearing to every interested party whose address is known or can be ascertained with reasonable diligence. In the event the City receives waivers as authorized under Wisconsin Statutes Section 66.0703(7)(b), the Clerk shall not be required to issue the aforementioned notices.

10. The hearing shall be held in the Council Chambers of the City Hall at 174 East Wisconsin Avenue, Oconomowoc, Wisconsin 53066, at a time set by the Clerk in accordance with §66.0703(7), Wis. Stats.

11. The assessment or charge against any parcel may be paid in cash or in annual installments, the number of which shall be determined after the public hearing on the proposed assessments and charges. For all currently undeveloped and developed property within the benefitted area, the total assessment will be deferred until such time that any of the following should occur: sale or transfer of land ownership, land annexation or attachment, certified survey map approval, subdivision plat approval, or any change in the use of the property including connection to the water system, or private well failure.

DATED: February 19, 2019

CITY OF OCONOMOWOC

By: David Nold
David Nold, Mayor



ATTEST:

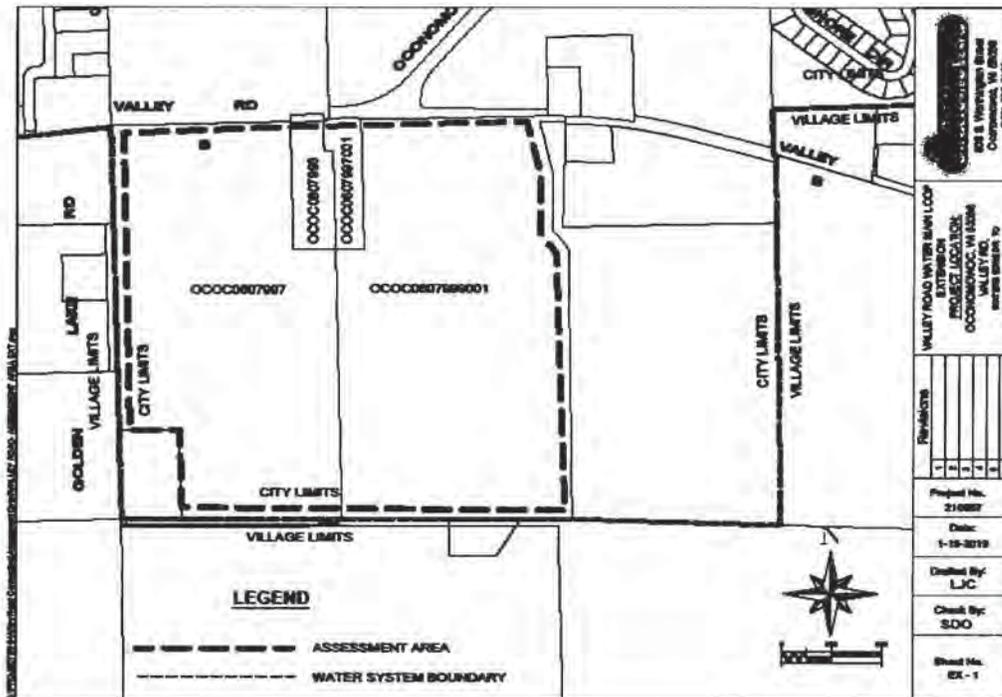
Diane Coenen
Diane Coenen, Clerk

EXHIBIT 2

DESCRIPTION OF ASSESSMENT AREA

The City properties to be assessed lie within the following described assessment area:

Commencing at the NW corner of the SW 1/4 quarter of Section 8 T07N, R17E, said point being the intersection of Golden Lake Rd (C.T.H. BB) and Valley Rd (C.T.H. B) and the point of beginning; thence easterly along the center line of Valley Rd (C.T.H. B) to the east line, extended, of the Tax Parcel OCOC607999001; thence southeasterly 38.2' more or less to the NE corner on said tax parcel; thence continuing southeasterly 351.94', along the east line of said parcel; thence south 381.00 feet along the east line of said parcel; thence southeasterly 165.00 feet, along the east line of said parcel; thence south 1801.80 feet to the south line of the SE 1/4 Section 8 T07N R17E; thence west 85.35 feet to the southeast corner of the SW ¼ of section 8; thence continuing west along the south line of the SW ¼ Section 8, to the east line of Tax Parcel OCOC0607996; thence north 600 feet, along the east line of said parcel to the NE corner of said parcel; thence west 363.11 feet, along the north line of said parcel to the west line of the SW 1/4 quarter of Section 8, said line being the centerline of N. Golden Lake Rd (C.T.H. BB); thence north along the west line of said SW 1/4 Section to the NW corner of the SW ¼ Section 8, said point being the point of beginning.



Recitation of the record drawings and specifications
for the improvements

CITY OF OCONOMOWOC, WISCONSIN

VALLEY ROAD WATER MAIN EXTENSION

CORRESPONDENCE

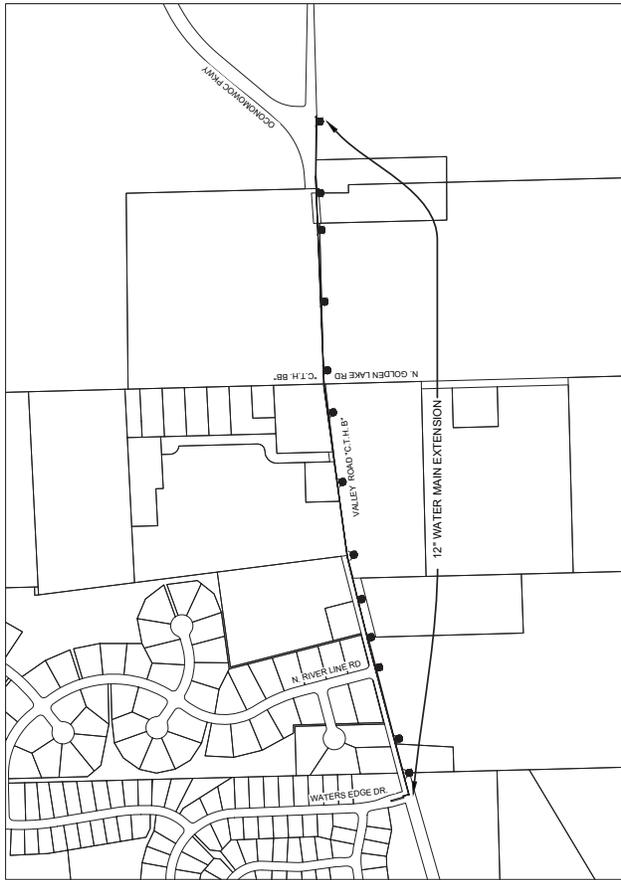
CITY OF OCONOMOWOC - UTILITIES

UTILITY MANAGER
DAN PICKART
808 S. WORTHINGTON STREET
OCONOMOWOC, WI 53066

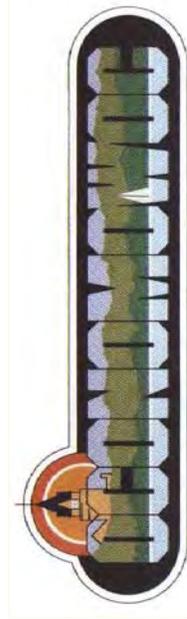
SENIOR UTILITY ENGINEER
LUCAS J. CAINE, P.E.
808 S. WORTHINGTON STREET
OCONOMOWOC, WI 53066

CITY OF OCONOMOWOC - WATER UTILITIES

WATER FOREMAN
MR. ANDY GALASINSKI
808 S. WORTHINGTON STREET
OCONOMOWOC, WI 53066



LOCATION MAP



UTILITIES
808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

Materials

- Hydrant - Waterous WB 67
- D.I. Pipe - McWane Ductile Iron Strong
- Appertences - Tyler
- Gate Valves - Clow
- Valve Boxes - Tylon
- Gate Valve Adapter - Adaptor Inc
- Joint Restraint - EBAA Megalug Series 1100



PROJECT DATA:

WATER MAIN DESIGN - OCONOMOWOC UTILITIES
EROSION CONTROL DESIGN - RUBEKERT MIELKE
SITE SURVEY - MSA PROFESSIONAL SERVICE
WETLAND DELINEATION - TRC ENVIRONMENTAL CORPORATION

SHEET INDEX

1. COVER SHEET
2. WATER MAIN STA. 0+00 TO STA. 5+18.51
3. WATER MAIN STA. 5+18.51 TO STA. 10+37.01
4. WATER MAIN STA. 10+37.01 TO STA. 15+55.52
5. WATER MAIN STA. 15+55.52 TO STA. 20+74.02
6. WATER MAIN STA. 20+74.02 TO STA. 25+92.53
7. WATER MAIN STA. 25+92.53 TO STA. 31+11.03
8. WATER MAIN STA. 31+11.03 TO STA. 36+29.54
9. WATER MAIN STA. 36+29.54 TO STA. 41+48.04
10. WATER MAIN STA. 41+48.04 TO STA. 46+66.55
11. WATER MAIN STA. 46+66.55 TO 49+45.92
12. SYSTEM MAP
13. WATER MAIN DETAILS
14. EROSION CONTROL DETAILS

GENERAL NOTES

1. CONTRACTOR IS TO NOTIFY THE CITY OF OCONOMOWOC (2 HRS. PRIOR TO THE COMMENCEMENT OF WORK) AND THE PUBLIC WORKS DEPARTMENT WITHIN SEVENTY-TWO HOURS (72 HRS.) PRIOR TO THE COMMENCEMENT OF WORK OF ANY AND ALL PLANNED OUTAGE OF WATER UTILITIES (262) 569-2196.
2. BRIDGE COURSE ASPHALT PAVEMENT MAY NOT BE PLACED UNTIL INSPECTION BY THE CITY OF OCONOMOWOC HAS BEEN COMPLETED. THE CITY OF OCONOMOWOC WILL BE PLACED IN CHARGE OF UTILITY INSPECTION BY THE CITY OF OCONOMOWOC AND FINAL RESTORATION HAS BEEN COMPLETED.
3. THE CITY OF OCONOMOWOC SHALL BE NOTIFIED AT LEAST SEVENTY-TWO HOURS (72 HRS.) PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF ANY AND ALL PLANNED OUTAGE OF WATER UTILITIES (262) 569-2196.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED EROSION CONTROL DEVICES RELEVANT TO THE CONTRACT DOCUMENTS BEFORE PERFORMING ANY LAND-DISTURBING ACTIVITIES.
5. IN THE EVENT OF AN UNEXPECTED RUPTURE OF UTILITY OR OTHER UNEXPECTED OCCURRENCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REPAIR AND RESTORATION OF THE UTILITY TO BE IMPLEMENTED IMMEDIATELY.
6. OPERATIONS SHALL NOT PROCEED WITHOUT THE PROPER TRAFFIC CONTROL DEVICES STATED IN CONTRACT DOCUMENT.
7. ALL DOCUMENTATION AND DRAWINGS SHALL BE UNDERGROUND AND SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE FOR THE ACCURACY OF ALL INFORMATION PROVIDED TO VERIFY THE EXISTENCE AND LOCATION OF SAID UTILITIES.
8. CONSECUTIVE UTILITY SERVICE SHALL BE MAINTAINED AT ALL TIMES.
9. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN EXISTING UTILITY ALIGNMENTS THAT REQUIREMENTS IN DEPTH AND/OR ALIGNMENT MAY BE NECESSARY.

Revisions

Project No.
216007

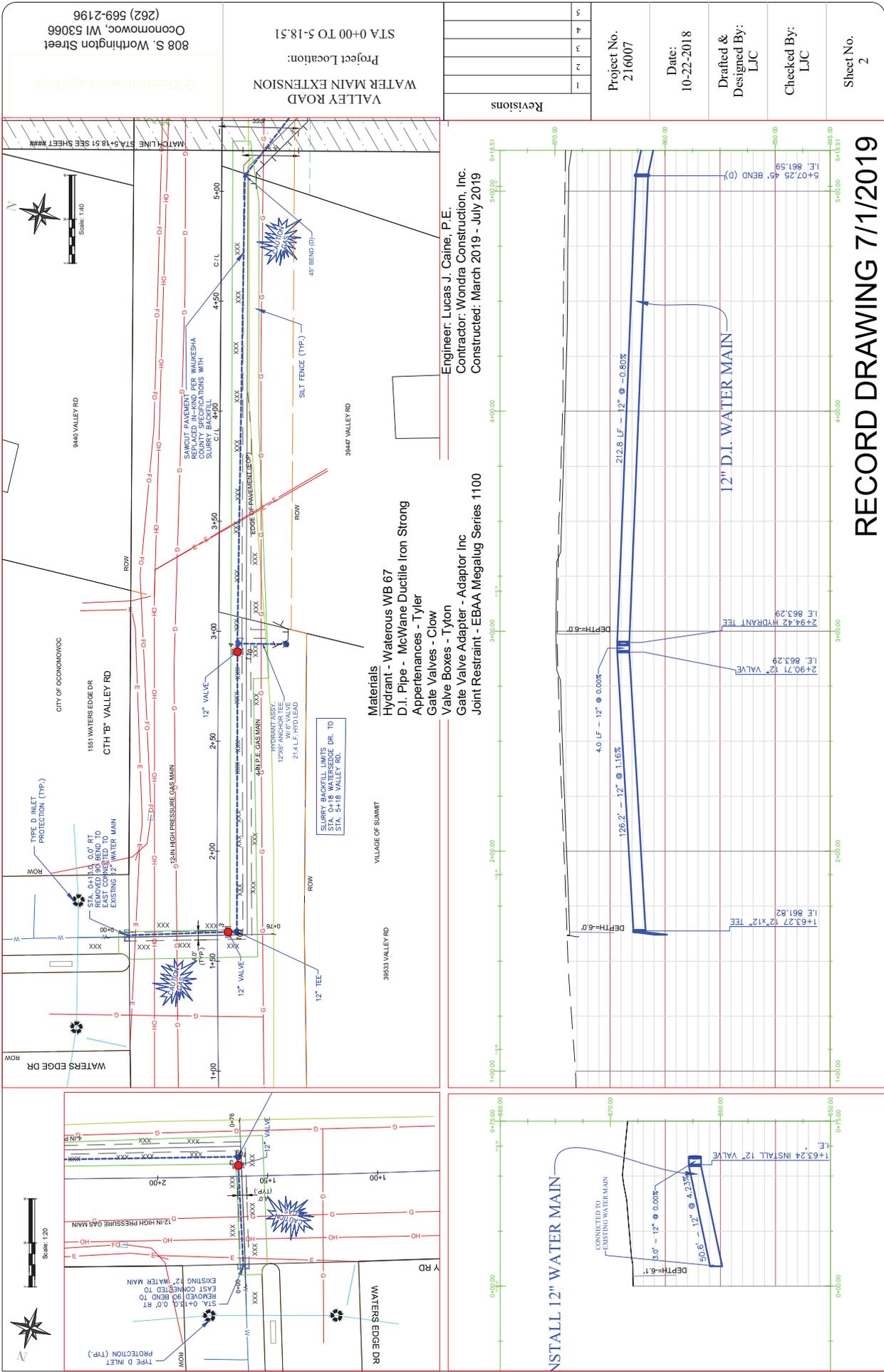
Date:
10-22-2018
Sheet No. 1

VALLEY ROAD
WATER MAIN EXTENSION
WATERS EDGE DR. TO
OCONOMOWOC PK.WY

DIGGERS HOTLINE
(800) 242-8511
(262) 432-7910
EMERGENCY ONLY:

RECORD DRAWING 7/1/2019

Engineer: Lucas J. Caine, P.E.
Contractor: Wondra Construction, Inc.
Constructed: March 2019 - July 2019



808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

VALLEY ROAD
WATER MAIN EXTENSION
Project Location:
STA 0+00 TO 5+18.51

Revisions	
1	
2	
3	

Project No.
216007

Date:
10-22-2018

Drafted &
Designed By:
LIC

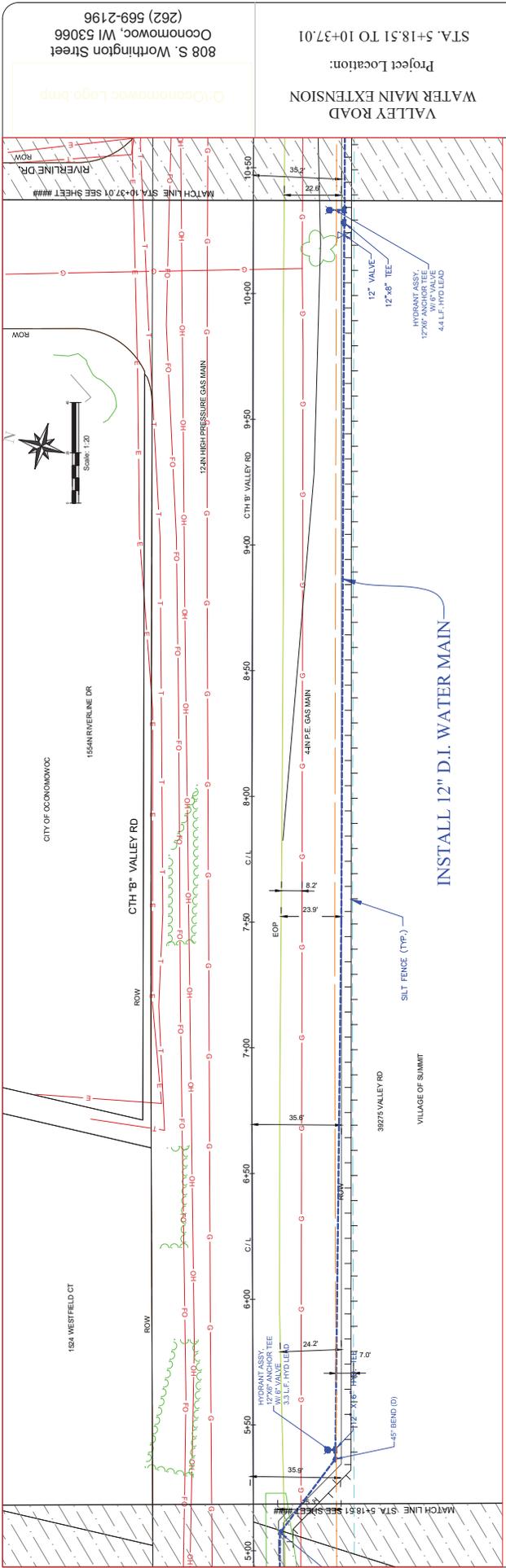
Checked By:
LIC

Sheet No.
2

Engineer: Lucas J. Caine, P.E.
Contractor: Wondra Construction, Inc.
Constructed: March 2019 - July 2019

- Materials**
- Hydrant - Waterous WB 67
 - D.I. Pipe - McWane Ductile Iron Strong
 - Appurtenances - Tyler
 - Gate Valves - Clow
 - Valve Boxes - Tyton
 - Gate Valve Adapter - Adaptor Inc
 - Joint Restraint - EBAA Megalug Series 1100

RECORD DRAWING 7/1/2019



Revisions

1		
2		
3		

Project No.
216007

Date:
10-22-2018

Drafted &
Designed By:
LIC

Checked By:
SIDO

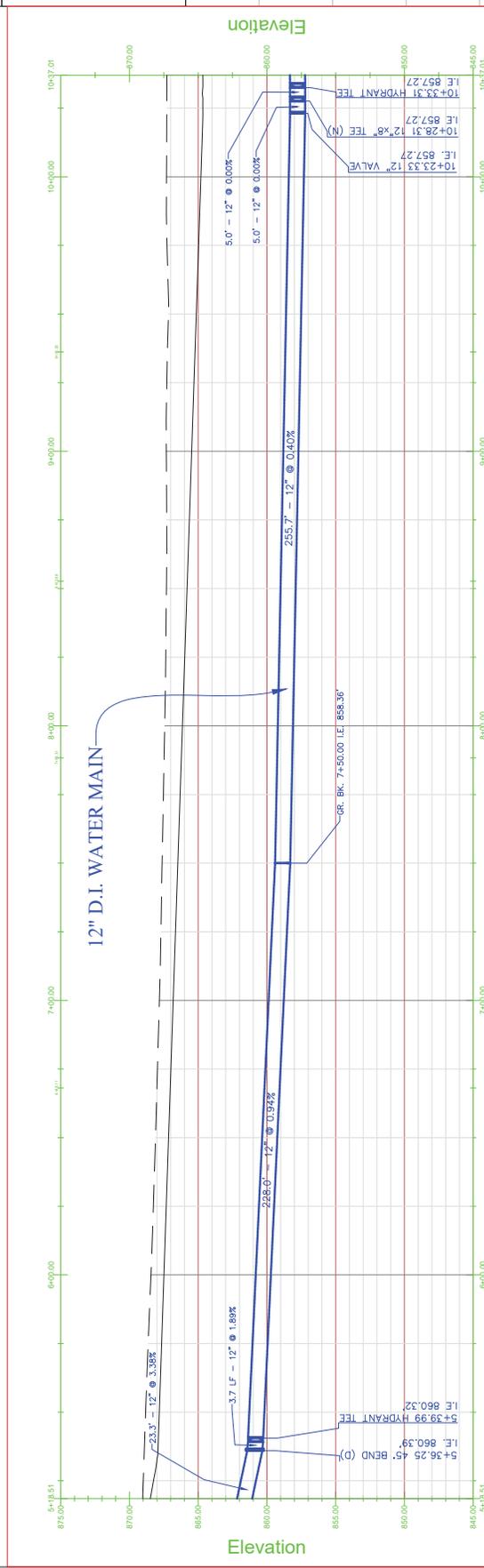
Sheet No.
3

VALLEY ROAD
WATER MAIN EXTENSION

Project Location:
STA. 5+18.51 TO 10+37.01

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

Q:\Oconomowoc Logo.bmp



RECORD DRAWING 7/1/2019

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

VALLEY ROAD
WATER MAIN EXTENSION
Project Location:
10+37.01 TO 15+55.52

Revisions

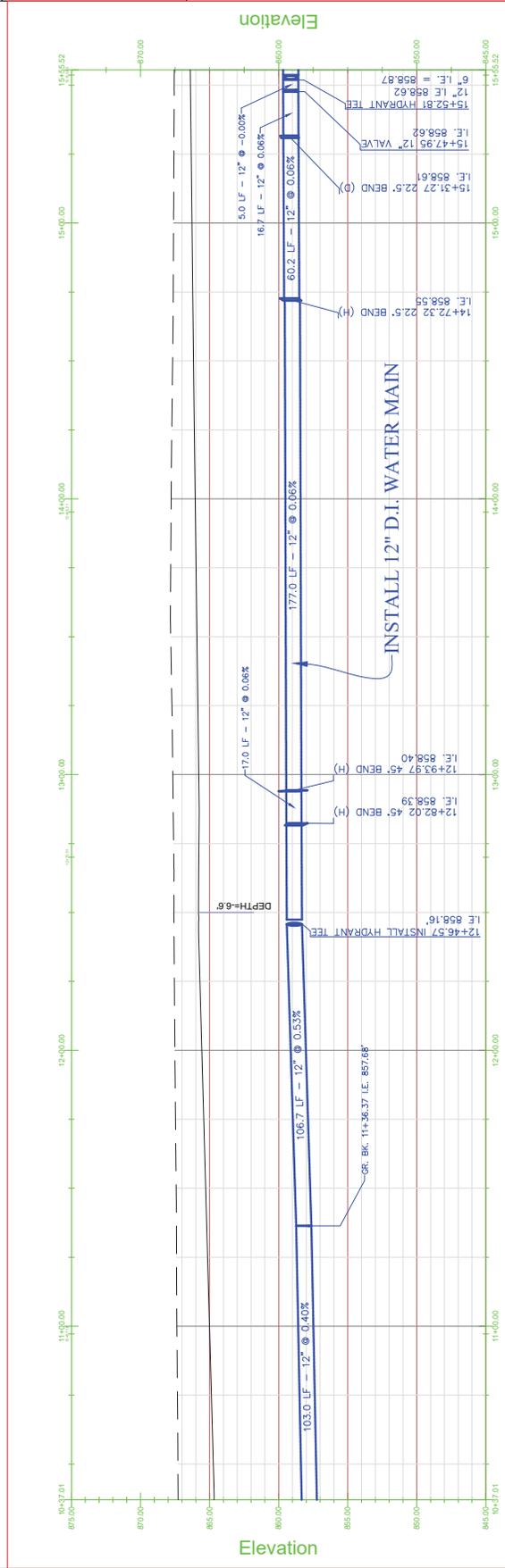
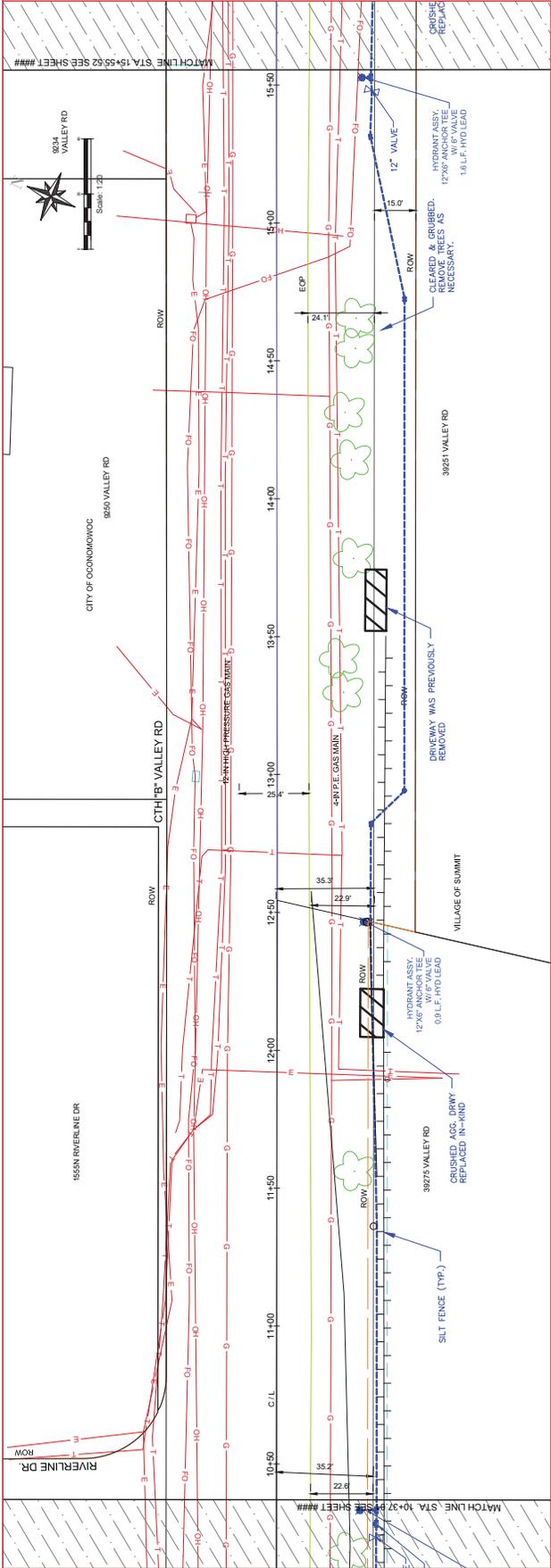
Project No.
216007

Date:
10-22-2018

Drafted &
Designed By:
LIC

Checked By:
SIDO

Sheet No.
4



RECORD DRAWING 7/1/2019

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

VALLEY ROAD
WATER MAIN EXTENSION
Project Location:
STA. 15+55.52 TO 20+74.02

Project No.
216007

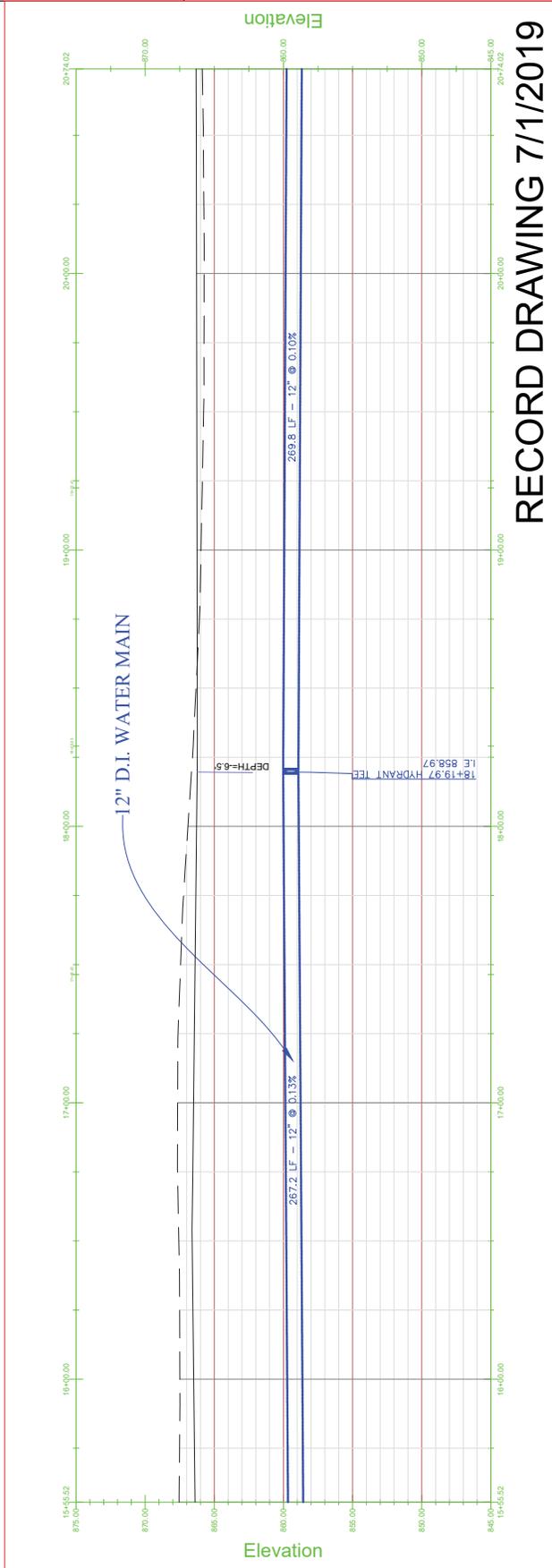
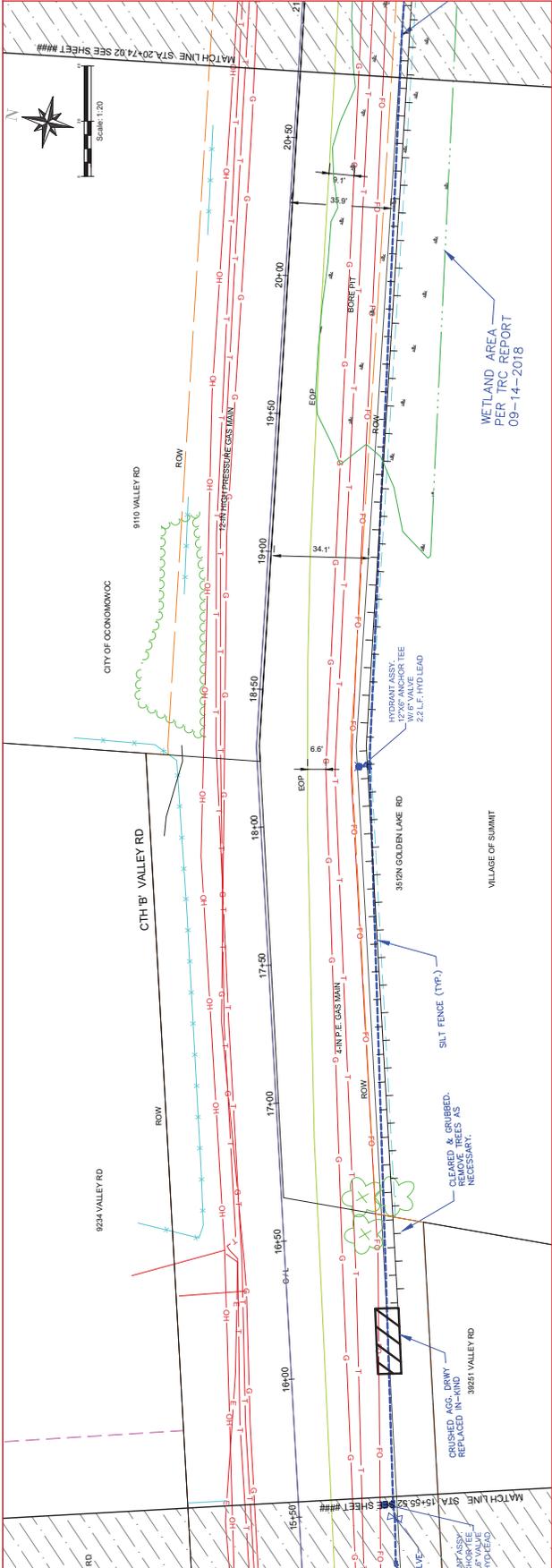
Date:
10-22-2018

Drafted &
Designed By:
LIC

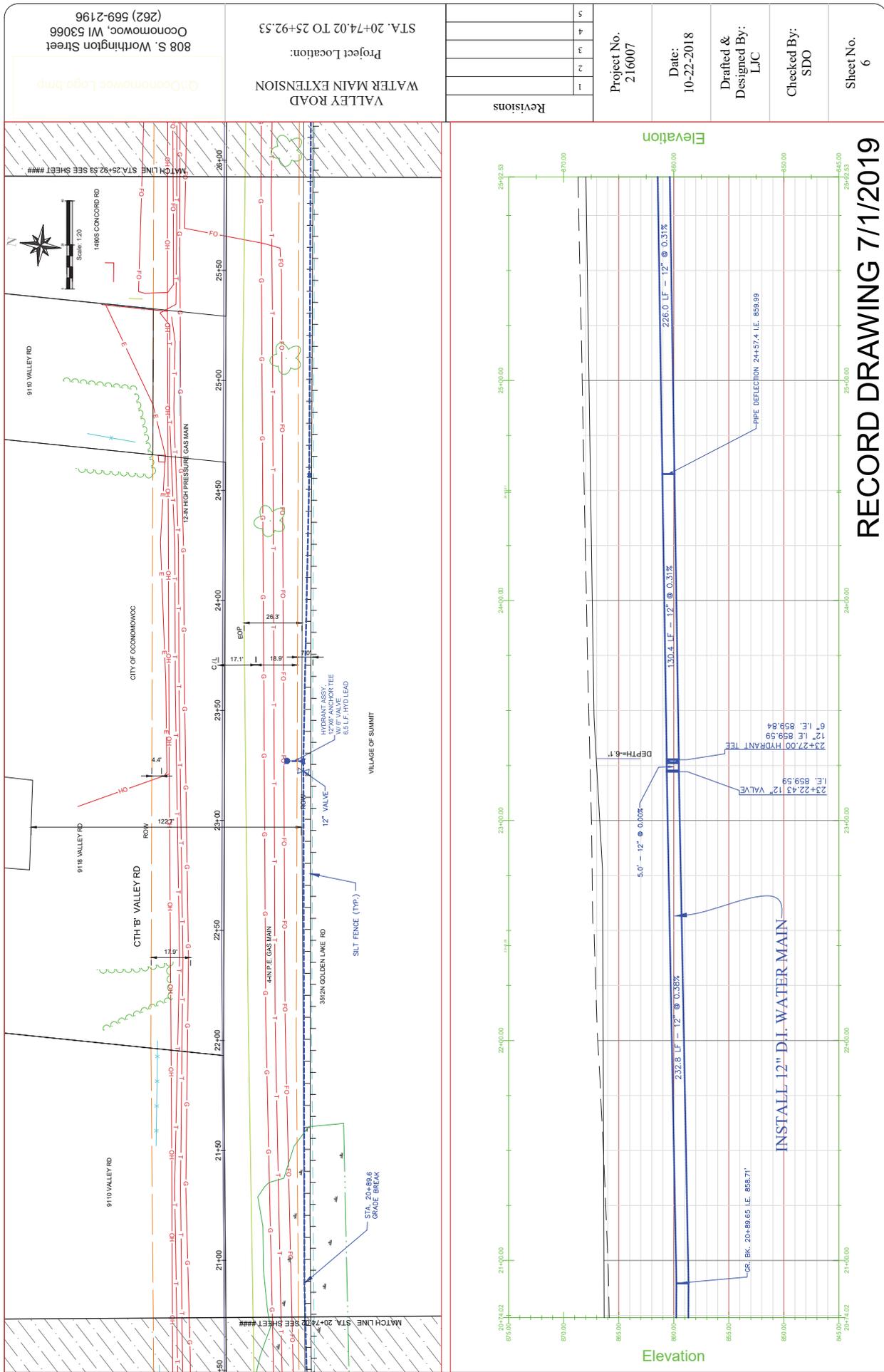
Checked By:
SDO

Sheet No.
5

Revisions	
1	
2	
3	



RECORD DRAWING 7/1/2019



RECORD DRAWING 7/1/2019

Sheet No. 6

Checked By: SIDO

Drafted & Designed By: LIC

Date: 10-22-2018

Project No. 216007

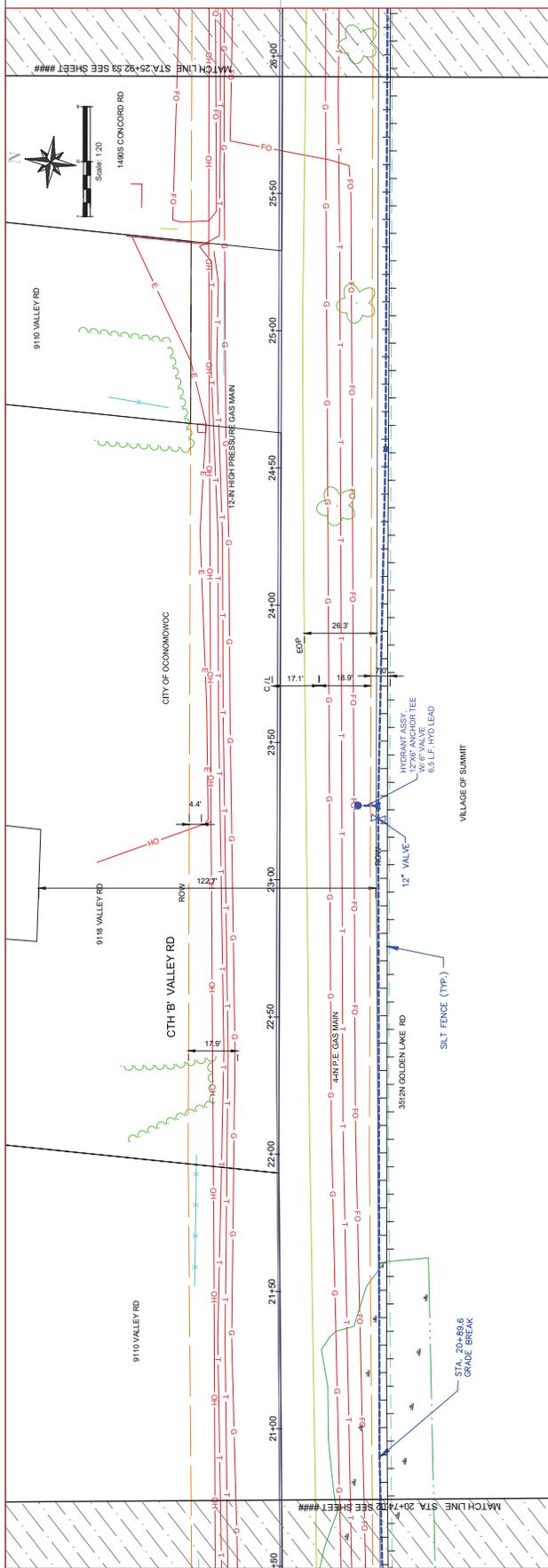
Revisions

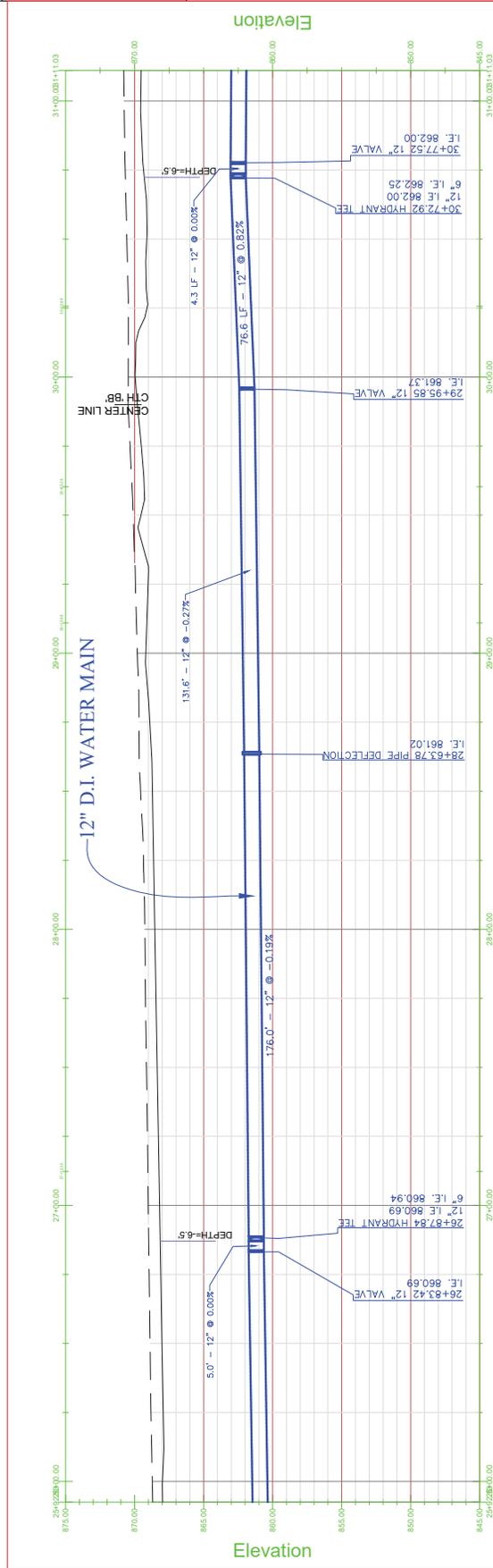
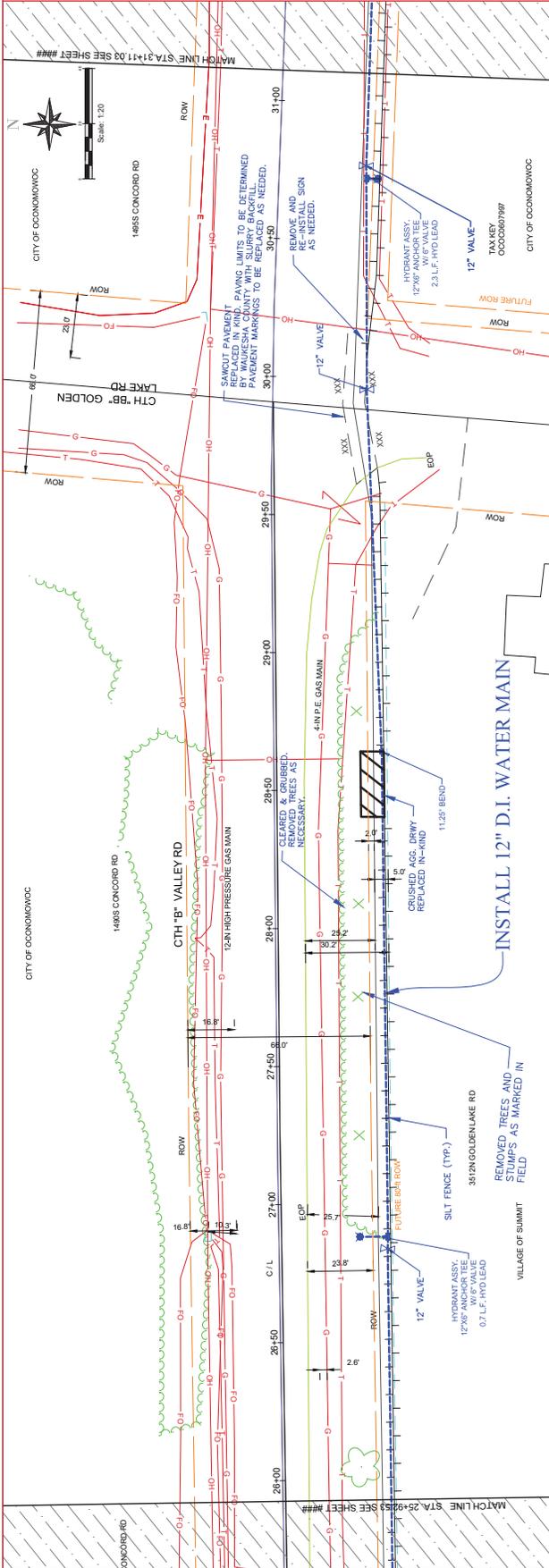
1			
2			
3			

VALLEY ROAD WATER MAIN EXTENSION
Project Location: STA. 20+74.02 TO 25+92.53

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

Oconomowoc Logo.bmp





RECORD DRAWING 7/1/2019

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

VALLEY ROAD
WATER MAIN EXTENSION
Project Location:
STA. 25+92.53 TO 31+11.03

Revisions	1	2	3	4	5

Project No.
216007

Date:
10-22-2018

Drafted &
Designed By:
LIC

Checked By:
SDO

Sheet No.
7

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

VALLEY ROAD
WATER MAIN EXTENSION
Project Location:
STA. 31+11.03 TO 36+29.54

Revisions	
1	
2	
3	

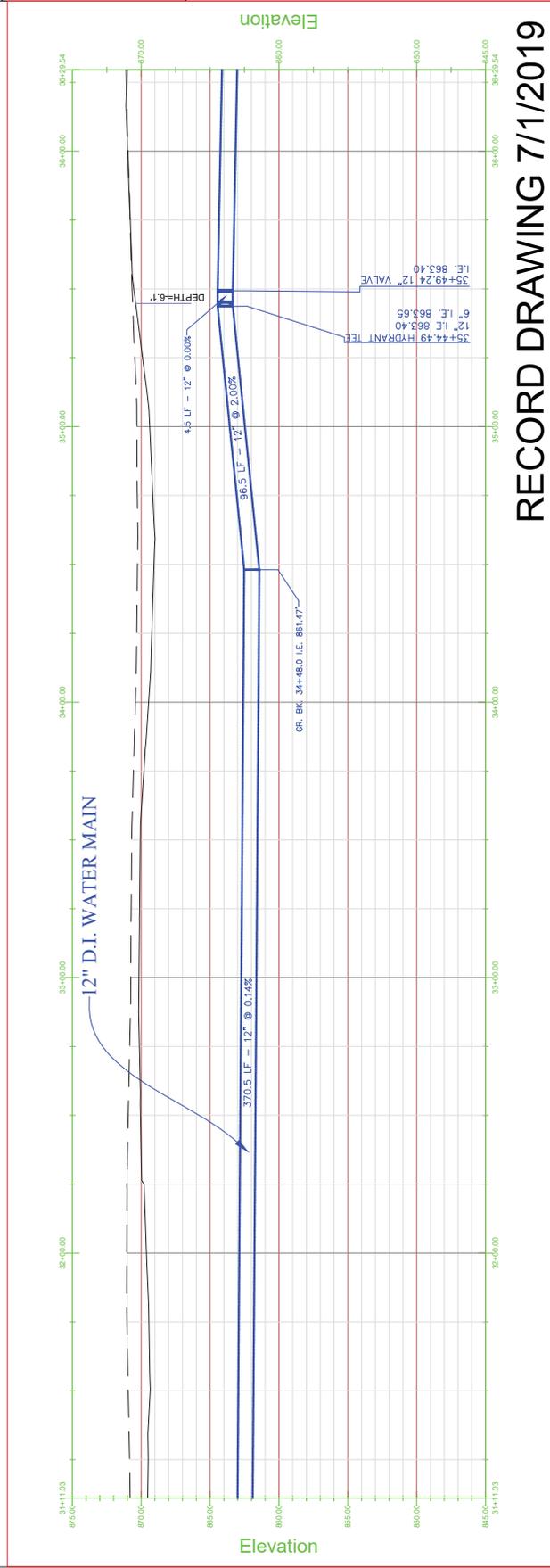
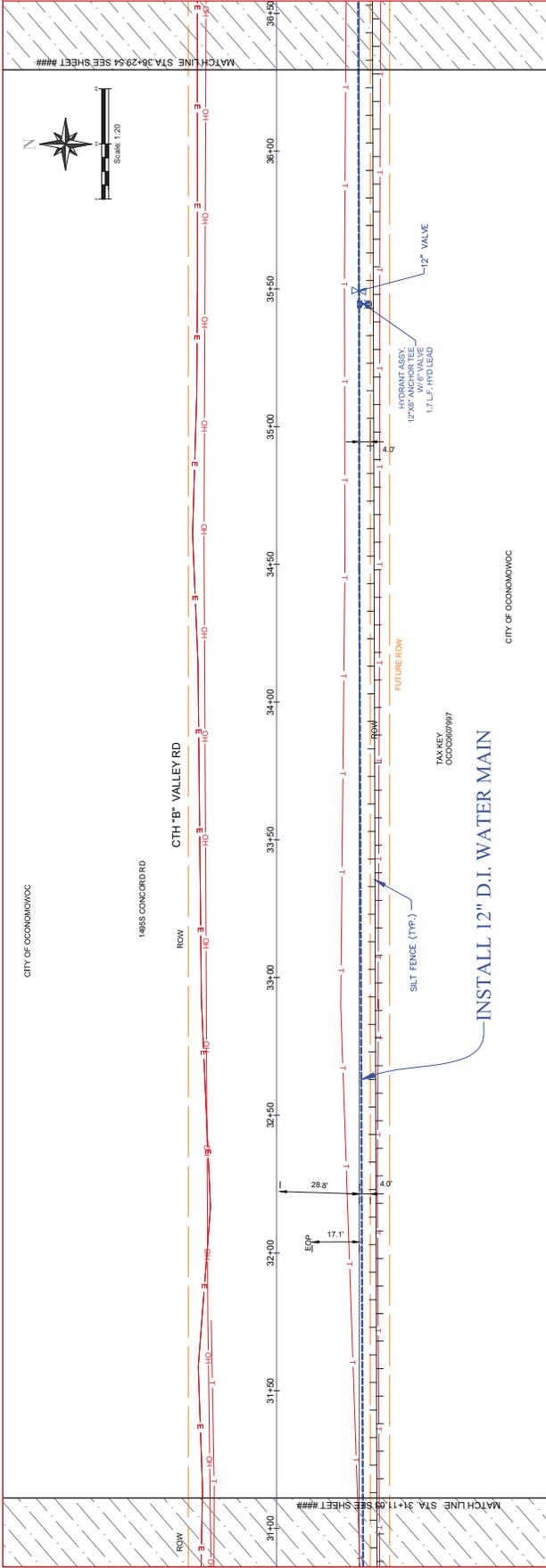
Project No.
216007

Date:
10-22-2018

Drafted &
Designed By:
LIC

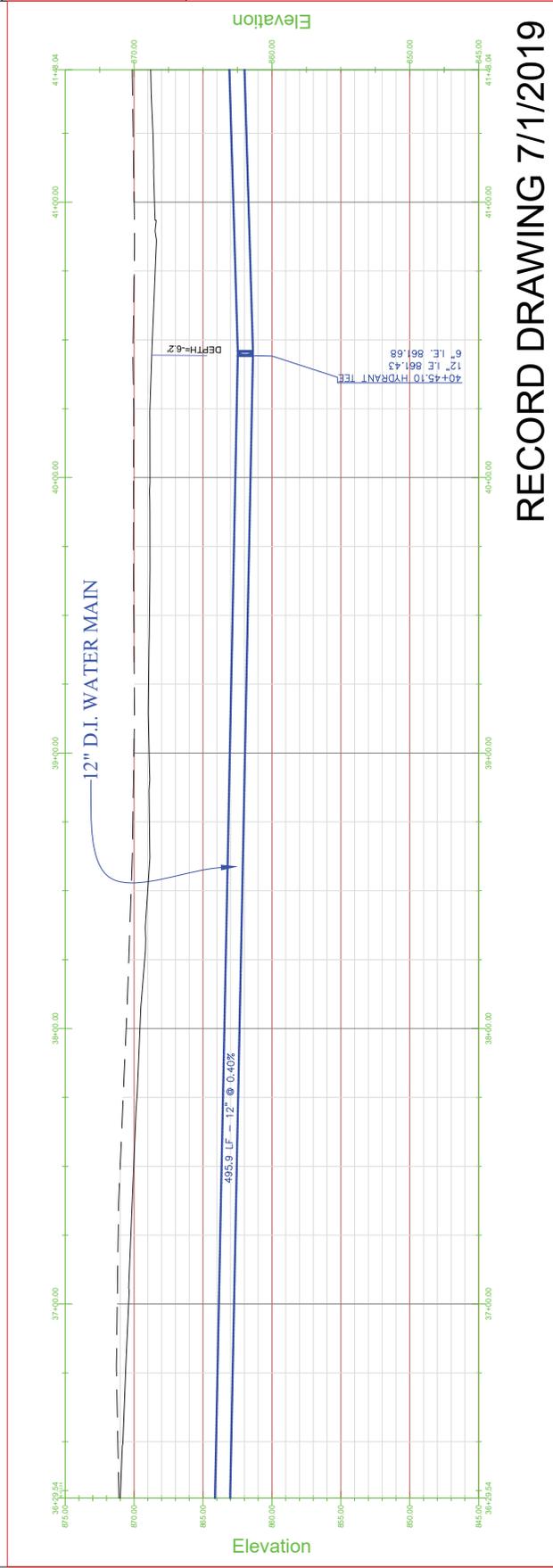
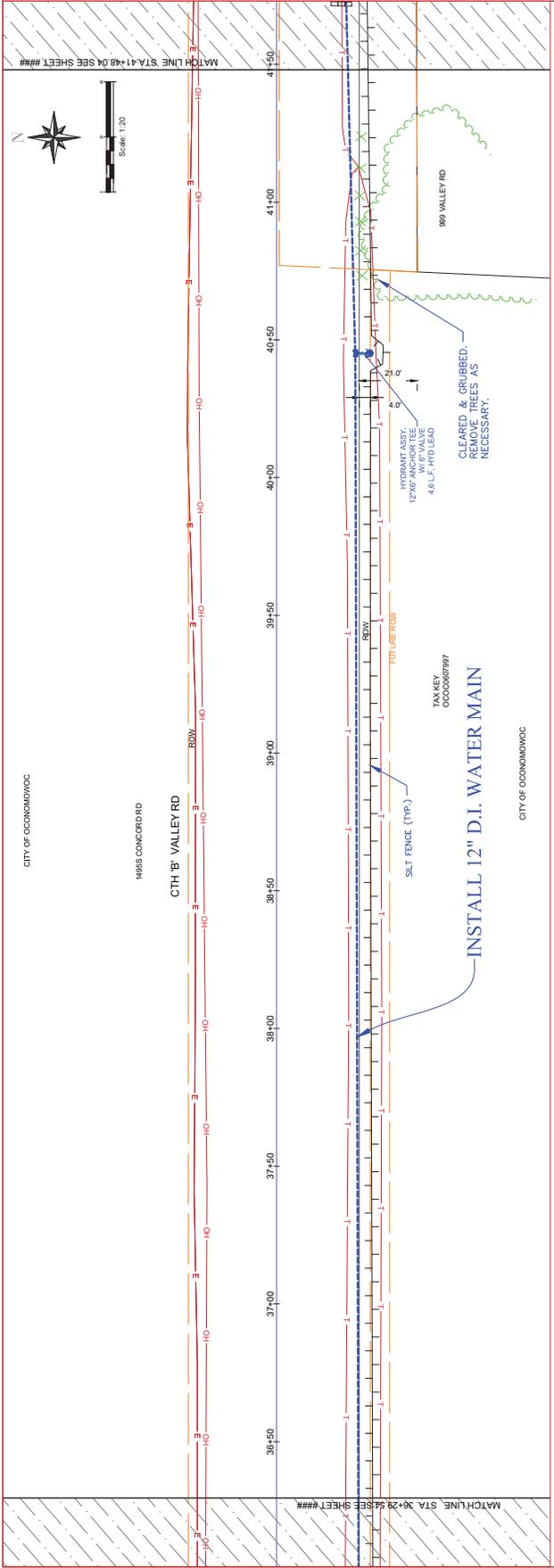
Checked By:
SIDO

Sheet No.
8



RECORD DRAWING 7/1/2019

VALLEY ROAD
 WATER MAIN EXTENSION
 Project Location: STA. 36+29.54 TO 41+48.04
 Project No. 216007
 Date: 10-22-2018
 Drafted & Designed By: LIC
 Checked By: SIDO
 Sheet No. 9



RECORD DRAWING 7/1/2019

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

VALLEY ROAD
WATER MAIN EXTENSION
Project Location:
STA. 41+48.04 TO 46+66.55

Revisions	1	2	3	4	5

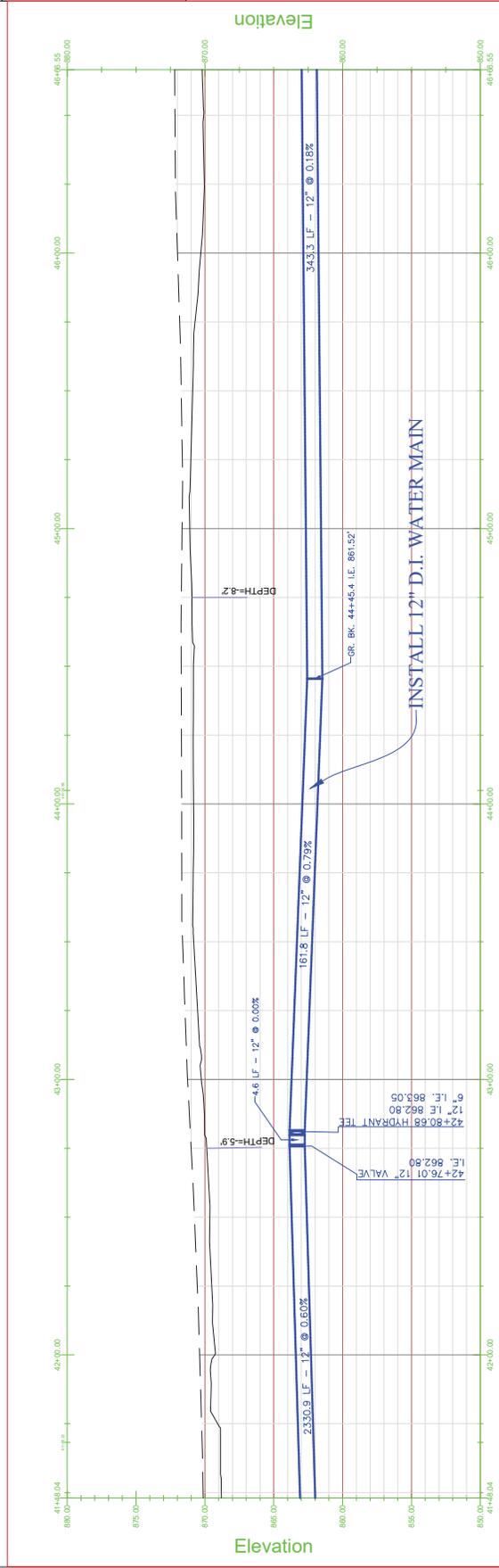
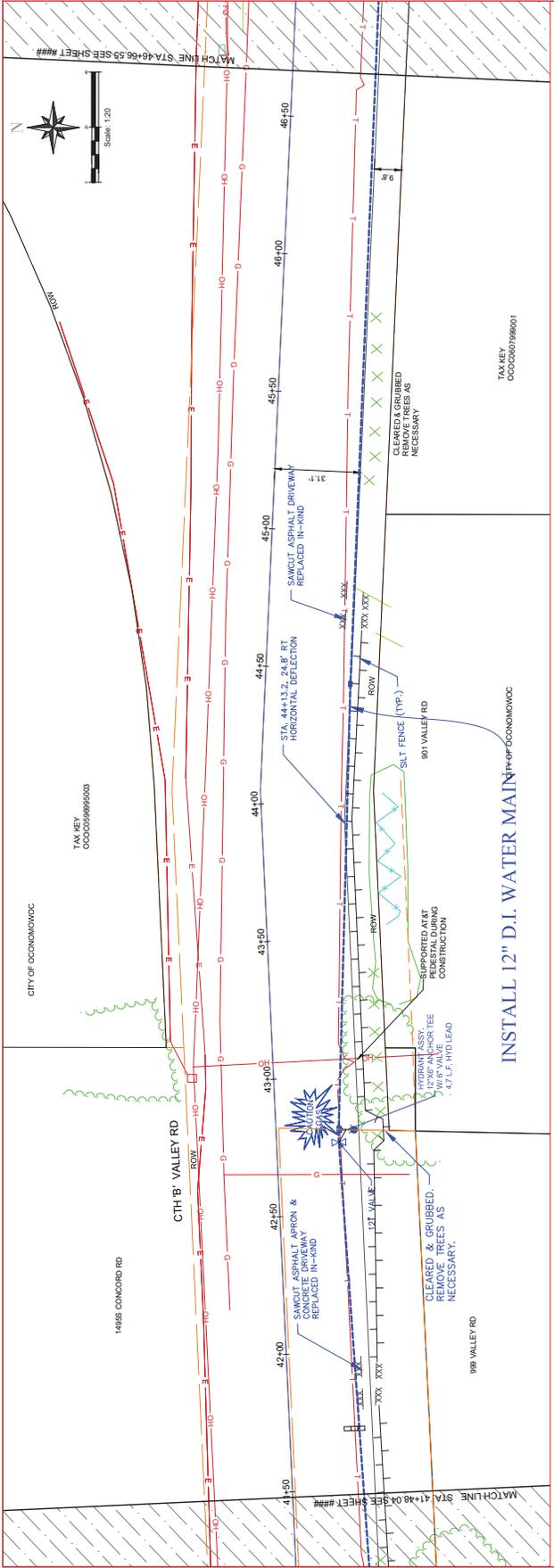
Project No.
216007

Date:
10-22-2018

Drafted &
Designed By:
LIC

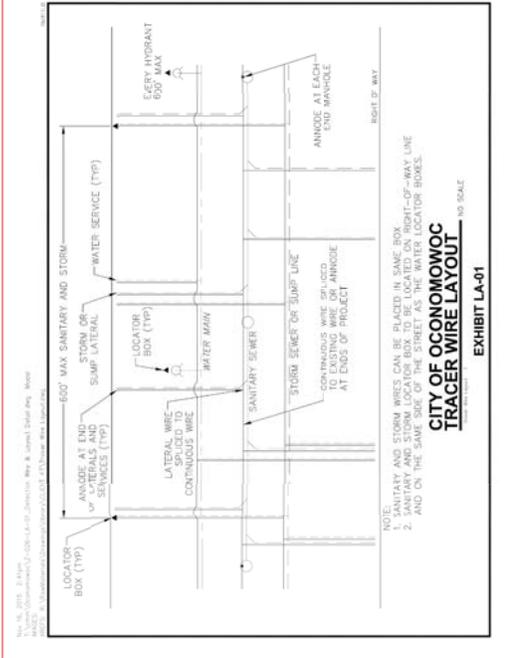
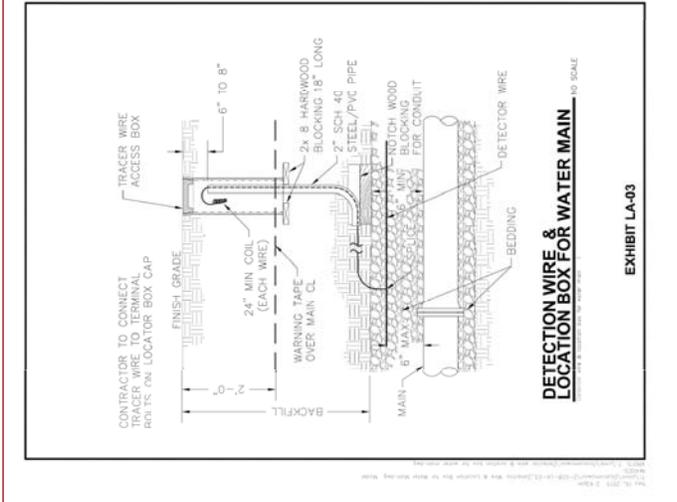
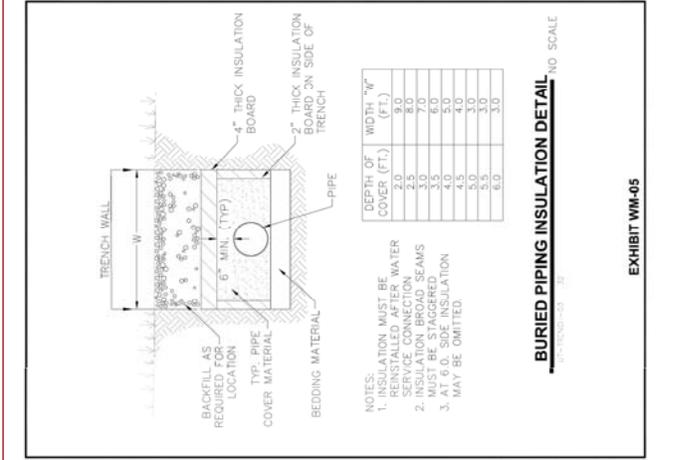
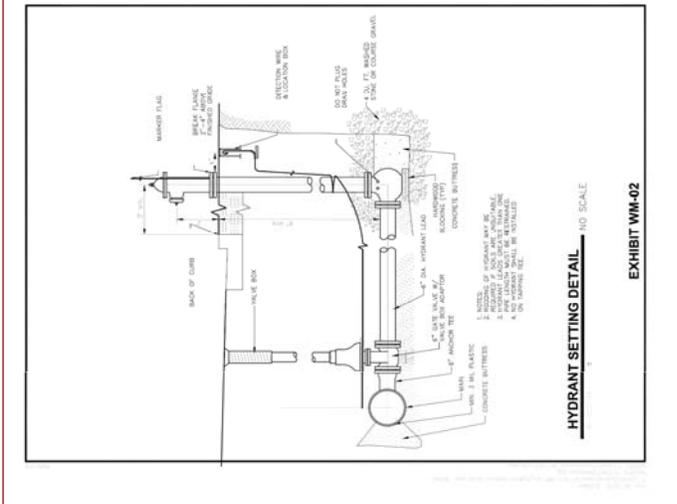
Checked By:
SDO

Sheet No.
10



RECORD DRAWING 7/1/2019

RECORD DRAWING 7/1/2019



Revisions				
1				
2				
3				
4				
5				

Project No. 216007
Date: 10-22-2018
Drafted & Designed By: LIC
Checked By: SIDO
Sheet No. 13

808 S. Worthington Street
Oconomowoc, WI 53066
(262) 569-2196

Q:\Oconomowoc Logo.bmp

WATER MAIN EXTENSION
VALLEY RD
Project Location:
WATR MAIN DETAILS

