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PUC DOCKET NO. 52912

COMPLAINT OF LILI AND THOMAS MCDEVITT AGAINST LEVI WATER SUPPLY CORPORATION	§ § §	**PUBLIC UTILITY COMMISSION OF TEXAS**

LEVI WATER SUPPLY CORPORATION'S RESPONSE TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION

COMES NOW Levi Water Supply Corporation (Levi) and files this Response to the First Requests for Information of Public Utility Commission Staff (Staff), which was filed with the Public Utility Commission (PUC or Commission) and served on Levi on February 25, 2022. This response is timely filed. Levi agrees and stipulates that all parties may treat these responses as if the answers were filed under oath.

Dated: March 16, 2022

Respectfully submitted,

CARPENTER & CROFT, PLLC
7901 Fish Pond Rd., Ste. 210
Waco, Texas 76710
T: (254) 300-7909
ATTORNEYS FOR LEVI WATER SUPPLY CORPORATION

Mary Margaret Croft
State Bar No. 24082875
MaryMargaret@carpenterandcroft.com
Robert S. Lilly
State Bar No. 24116672
Bob@carpenterandcroft.com

CERTIFICATE OF SERVICE

I certify that notice of filing of this document will be provided to all parties of record via electronic mail on this the 16th day of March, 2022 in accordance with the Order Suspending Rules, issued in Project No. 50664.

Mary Margaret Croft

PUC DOCKET NO. 52912

COMPLAINT OF LILI AND THOMAS MCDEVITT AGAINST LEVI WATER SUPPLY CORPORATION	**§ § §**	**PUBLIC UTILITY COMMISSION OF TEXAS**

LEVI WATER SUPPLY CORPORATION'S RESPONSE TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION

QUESTION NOS. STAFF 1-1 THROUGH STAFF 1-14

STAFF 1-1: Are Lili and Thomas McDevitt a "qualified service applicant" of Levi Water Supply Corporation (WSC), as defined under 16 TAC § 24.161(a)? a) If yes, please explain why. b) If not, what specific tariff provision, service policies, or regulations have not been met and what rate or fees (if any) have not been paid for by the McDevitts to become a "qualified service applicant"?

RESPONSE 1-1: **Yes. The McDevitts submitted their Service Application to Levi and tendered the Tariff-required Service Investigation Fee on April 22, 2021.**[1]

STAFF-1-2: Reference Levi WSC's response to the complaint of Lili and Thomas McDevitt. Provide the engineering analysis performed in response to the McDevitt' s request for service.

RESPONSE 1-2: **See Exhibit 1-2.**

STAFF-1-3: Has Levi WSC refused service to the McDevitts by failing to provide service within 30 days of an expected date or within 180 days of the date a completed application was accepted by Levi WSC? If the answer to either question is yes, please explain your reasoning for refusing service.

RESPONSE 1-3: **Yes, temporarily. Immediate service was refused by letter to the McDevitts dated April 27, 2021 due to engineering and capacity constraints and water system construction that would be needed prior to service of an additional meter. Levi intends to serve the McDevitts once engineering and capacity constraints are alleviated and water system construction for an additional well is complete. 16 TAC § 24.161(b) permits a water provider to delay service for good cause.**

[1] Response of Levi Water Supply Corporation at 4 (January 7, 2022) (Levi's Response).

Levi's good cause for the delay is detailed in item III.B. of its Response to the McDevitt's Complaint, incorporated by reference herein.[2]

Staff-1-4: Provide a copy of Levi WSC's distribution system map, specifying the water line size and the existing connections for each line and include the location and capacity of wells, treatment, pressure, and storage facilities on the map.

RESPONSE 1-4: **See Exhibit 1-4**

Staff-1-5: Provide the correspondence for any capacity or treatment violations received from The Texas Commission on Environmental Quality (TCEQ) in the last 5 years.

RESPONSE 1-5: **See Exhibit 1-5**

Staff-1-6: Provide the annual consumer confidence reports issued by Levi WSC in the last 5 years.

RESPONSE 1-6: **See Exhibit 1-6**

Staff-1-7: Provide any engineering studies prepared in the last 10 years that address Levi WSC's need for an alternate source of water and any other upgrade to the treatment, pressure, and storage facilities.

RESPONSE 1-7: **See Exhibit 1-7**

Staff-1-8: Provide any capital improvement plans that include the addition of an alternate source of water and the upgrade of the treatment, pressure, and storage facilities.

RESPONSE 1-8: **See Exhibit 1-8**

Staff-1-9: Provide any funding applied for or secured for the above-mentioned capital improvement plan.

RESPONSE 1-9: **See Exhibit 1-9**

Staff-1-10: Provide any order from the TCEQ or the Public Utility Commission of Texas (PUCT) authorizing a moratorium on new connections.

RESPONSE 1-10: **None.**

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[2] Levi's Response at 5-7.

Staff-1-11: Provide an explanation for Levi WSC's sale of water to Mooresville WSC.

RESPONSE 1-11: **The sale of water to Mooreville WSC is part of an emergency interconnection agreement. Mooreville's well collapsed and they were unable to provide service to their members beginning in 2013. Levi and Mooreville entered an emergency interconnection agreement until Mooreville could get its well in operation. Levi made clear its priority was to Levi members and Levi could not be considered a steady or reliable source of water to Mooreville WSC. As a result, Mooreville entered a long-term interconnection agreement with Central Texas WSC, instead.[3] The connection with Levi WSC is utilized for extraordinary circumstances only, such as during Winter Storm Uri in February 2021.**

Staff-1-12: Has Levi WSC submitted an alternate capacity request to the TCEQ? If so, provide the correspondence between Levi WSC and the TCEQ.

RESPONSE 1-12: **No.**

Staff-1-13: Reference Levi WSC's response to the complaint of Lili and Thomas McDevitt. Provide any correspondence between Levi WSC and the neighboring utilities listed below and any other water provider in the area regarding Levi WSC's request to purchase water.

RESPONSE 1-13: **See Exhibit 1-13. Levi's board president, and a former City Manager of the City of Waco, Larry Groth, called the City of Lorena, the City of Waco, and the City of Robinson to inquire about water sales. Jim Sheffield, Levi's General Manager, called Golinda WSC to see if they would restore an emergency interconnection with Levi and they responded with the letter attached in Exhibit 1-13. Jim Sheffield, Levi's General Manager, also contacted West Brazos WSC, Mooreville WSC, and Cargill Farms to see if any had additional water to sell. See Exhibit 1-13, Levi's Board Meeting Minutes from May, 2021 regarding the outcome of these conversations.[4]**

Staff-1-14: Has Levi WSC considered requesting decertification from the PUCT of the portions of their CCN area that they do not have the ability to serve? If so,

---

[3] *See* Exhibit 1-11, Letter from Mooreville Water Supply Corporation to Levi Water Supply at 1-2 (February 28, 2014).

[4] *See* Exhibit 1-13, Levi Water Supply Corporation Board Meeting Minutes, Item G (May 20, 2021).

please provide the board meeting minutes or any other documentation that include this topic of discussion.

RESPONSE 1-14: **No.**

Prepared/sponsored by: **Jim Sheffield, Levi Water Supply Corporation**
Title: **General Manager**

Exhibit 1-2

LEVI WATER SUPPLY CORPORATION

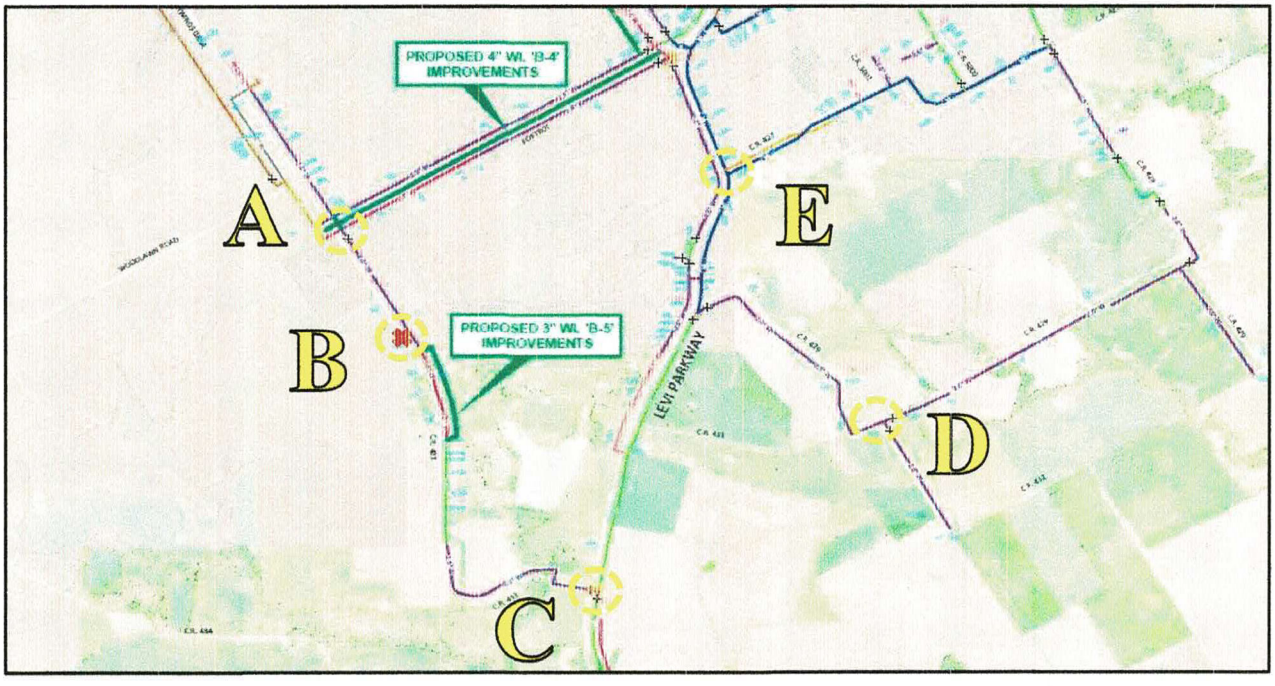
REQUEST DESCRIPTION, MODEL RESULTS & SUMMARY

CR 433 (88) - McDEVITT

October 19, 2021

Description	Meters	CCN	Supply Area
Request for 1 meter along CR 433	1	Levi	1

Existing System		Line	Pre-Request	Post-Request
A	Near Intersection of Foxtrot and Southwinds	1.5"/2.5"	58.7 psi	58.2 psi
B	Near Request	2.5"	61.5 psi	60.3 psi
C	Near Intersection of CR 433 and FM 2643	2.5"/3"	52.1 psi	51.8 psi
D	Near Intersection of CR 432 and CR 429	2.5"	43.1 psi	43.0 psi
E	Near Intersection of CR 427 and FM 2643	4"	40.3 psi	40.2 psi



-Map is not to scale and locations identified are approximate-

RESULTS SUMMARY

Based on current information and modeled results, the addition of the 1 meter does not generate pressures less than TCEQ minimums at the identified locations above, however, water supply limitations restrict the availability for additional meters in the Levi system. If approved Levi will exceed its water supply allotment based on an expected demand of 0.25 gpm/connection.


PROPOSED 3" WL 'B-1' IMPROVEMENTS
PROPOSED 3" WL 'B-2' IMPROVEMENTS
PROPOSED 4" WL 'C-2' IMPROVEMENTS
PROPOSED 2" WL 'C-1' IMPROVEMENTS
PROPOSED 4" WL 'B-3' IMPROVEMENTS
PROPOSED 4" WL 'B-4' IMPROVEMENTS
PROPOSED 3" WL 'B-5' IMPROVEMENTS
PLANT #1
PLANT #2
PLANT #3
ROSENTHAL PARKWAY
LEVI PARKWAY
COOKSEY
LOSAK
SOUTHWINDS
SOUTHWINDS DRIVE
BULLHIDE
BIRDIE
DRAGON
AIRMEADOWS
BERRY
HOWE HILL
TYNES
HILLSIDE
ERSKINE
FINCHER
KRAEMER PASS
WATER WELL
AUGUSTA
BULLHIDE CREEK ROAD
IRON BRIDGE
MARY ELLEN DRIVE
SILO HILL ROAD
JACKSON HEIGHTS
LOST RD.
LONG BRANCH
MONUMENT TRAIL
FOXTROT
C.R. 427
C.R. 428
C.R. 429
C.R. 430
C.R. 431
C.R. 432
C.R. 433
C.R. 434
C.R. 5000
C.R. 5001
MOORVILLE/LEVI METER
W MOONLIGHT
SURREY RIDGE
SCHAEFER
BAXLEY
OLD
POST
ROSEDALE
HILLS
MERRIFIELD
ROLLING
ROBINSON
SUE ELLEN
GRIFFIN
CANDYCE
E ROCKET
SENICEROS
OLD ROBINSON
KING
CREEK ROAD
WOODLAWN ROAD
DAVIS ROAD
GRUETZNER ROAD
McLENNAN CO.
FALLS CO.
INTERSTATE 35
FARM ROAD 2837
FARM ROAD 2643
77
PRV
ARV
LEGEND
ABANDONED BY PHASE 1 IMPROVEMENTS
PHASE 2 IMPROVEMENTS (SERIES 'B')
PHASE 3 IMPROVEMENTS (SERIES 'C')
EXISTING WATER METER
EXISTING WATER METER (NOT IN SERVICE)
P:\Levi WSC\CURRENT SYSTEM MAP\LEVI SYSTEM MAP REVISION B.dwg
NORTH
0 1000 2000
HORIZONTAL SCALE IN FEET
LEVI W.S.C.
WATER SUPPLY SYSTEM MAP
KPA
KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501
Firm Registration No. F-510
SEPTEMBER 2020

Exhibit 1-5

Mary Margaret Croft

From: Linda Brandon <cmh102505@gmail.com>
Sent: Thursday, March 19, 2020 10:43 PM
To: Don Brandon; Jim Sheffield
Subject: Fwd: PWS 1550035 LEVI WSC

Sent from my iPhone

Begin forwarded message:

> **From:** Sally Paramo <sally.paramo@tceq.texas.gov>
> **Date:** March 19, 2020 at 8:34:33 AM CDT
> **To:** Linda Brandon <cmh102505@gmail.com>
> **Subject: RE: PWS 1550035 LEVI WSC**
>
> Don,
>
> We have reviewed the documents for the ground water rule and these violations have now returned to compliance. At this time this system is at 0 points for violations.
>
> Thank you for working with me.
>
> Sally Paramo
>
> Drinking Water Technical Review Team
>
> Drinking Water Special Functions Section
>
> Water Supply Division
>
> Texas Commission on Environmental Quality
>
> Phone: 512-239-6675
>
> Fax: 512-239-3666
>
> E-mail: Sally.Paramo@tceq.texas.gov

> **From:** Sally Paramo
> **Sent:** Thursday, March 19, 2020 7:06 AM
> **To:** Linda Brandon <cmh102505@gmail.com>
> **Subject:** RE: PWS 1550035 LEVI WSC

Don,

We have received your results and will have the compliance officer review them and I will respond with a status email once completed.

Thank you.

Sally Paramo

Drinking Water Technical Review Team

Drinking Water Special Functions Section

Water Supply Division

Texas Commission on Environmental Quality

Phone: 512-239-6675

Fax: 512-239-3666

E-mail: Sally.Paramo@tceq.texas.gov

From: Linda Brandon <cmh102505@gmail.com>
Sent: Wednesday, March 18, 2020 7:54 PM
To: Sally Paramo <sally.paramo@tceq.texas.gov>
Subject: PWS 1550035 LEVI WSC

RE: Ground Water Rule Violations

Ms. Paramo, attached please find a copy of the test results for Levi WSC well G1550035B, G1550035C, and G150035D. Please let me know if you need any further information from me.

Thank you,
Don Brandon
254-723-1834
cdbrandonjr@gmail.com

Exhibit 1-5

TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Requested

Regulated Entity/Site Name	Levi WSC				**TCEQ Add. ID No. RN No. (optional)**	RN101457679	
Investigation Type	CCI	**Contact Made In-House (Y/N)**	Y	**Purpose of Investigation**	Routine Compliance Investigation		
Regulated Entity Contact	Jim Sheffield			**Telephone No.**		**Date Contacted**	
Title	Manager			**Fax No.**		**Date Faxed**	

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and *does not represent final TCEQ findings related to violations*. Any potential or alleged violations discovered after the date on this form will be communicated by telephone to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

Issue		**For Records Request: identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues: include the rule in question with the clearly described potential problem. Other type of issues: fully describe.**	
No.	**Type[1]**	**Rule Citation (if known)**	**Description of Issue**
1	AV	290.41(c)(1)(F)	Failure to obtain a sanitary control easement for Well 1 & Well 2
2	AV	290.44(h)(4)(C)	Failure to use the correct Backflow Prevention Form (Form 20700)
3	AV	290.46(m)	Failure to screen chlorine enclosure vents @ Plant 2

[1]**Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)**

Did the TCEQ document the regulated entity named above operating without proper authorization?	☐ Yes	☒ No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	☐ Yes	☒ No

Document Acknowledgment. Signature on this document establishes only that the regulated entity (company) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, document will be faxed to regulated entity; therefore, signature not required.

Katelyn Mehringer	3-14-18	Jim Sheffield	03/14/2018
Investigator Name (Signed & Printed)	**Date**	**Regulated Entity Representative Name (Signed & Printed)**	**Date**

If you have questions about any information on this form, please contact your local TCEQ Regional Office.
Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512-239-3282.

White Copy: Regulated Entity Representative Yellow Copy: TCEQ

TCEQ-20085 (Rev. 6/07)

(Note: Use additional pages as necessary) Page 1 of 1

Exhibit 1-5

TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request

Regulated Entity/Site Name	Levi WSC				**TCEQ Add. ID No. RN No (optional)**	1550035	
Investigation Type	PWS	**Contact Made In-House (Y/N)**	Y	**Purpose of Investigation**	Comprehensive Compliance Investigation		
Regulated Entity Contact	Don Brandon			**Telephone No.**		**Date Contacted**	1/20/2021
	Operator			**FAX #/Email address**		**FAX/Email date**	1/20/2021

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and *does not represent final TCEQ findings related to violations*. Any potential or alleged violations discovered after the date on this form will be communicated to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

Issue		**For Records Request, identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues, include the rule in question with the clearly described potential problem. Other type of issues: fully describe.**	
No.	**Type[1]**	**Rule Citation (if known)**	**Description of Issue**
			No violations noted.

Note 1: Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

Did the TCEQ document the regulated entity named above operating without proper authorization?	☐ **Yes**	x **No**
Did the investigator advise the regulated entity representative that continued operation is not authorized?	☐ **Yes**	x **No**

Document Acknowledgment. Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.

Ross Luedtke Ross Luedtke	1/20/21		
Investigator Name (Signed &Printed)	**Date**	**Regulated Entity Representative Name (Signed & Printed)**	**Date**

If you have questions about any information on this form, please contact your local TCEQ Regional Office.
Individuals are entitled to request and review their personal information that the agency gathers on its forms. They m ay also have any errors in their information corrected. To review such information, call 512/239-3282.

Exhibit 1-6 **Annual Drinking Water Quality Report**

TX1550035

LEVI WSC

Annual Water Quality Report for the period of January 1 to December 31, 2016

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

For more information regarding this report contact:

Name: Jim Sheffield

Phone: (254) 857-3050

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (254_) 857-3050.

Sources of Drinking Water

Levi WSC is Groundwater

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

System Susceptibility Summary										
Asbestos	Cyanide	Metals	Microbial	Minerals	Radiochemical	Sythetic Organic Chemicals	Disinfection Byproduct	Volatile Organic Chemicals	Drinking Water Contaminant Candidate	Other
-----	-----	HIGH	-----	-----	-----	-----	-----	-----	HIGH	-----

Entry Point Susceptibility Summary											
Entry Point ID	Asbestos	Cyanide	Metals	Microbial	Minerals	Radiochem	Sythetic Organic Chemicals	Disinfection Byproduct	Volatile Organic Chemicals	Drinking Water Contaminant Candidate	Other
001	-----	-----	HIGH	-----	-----	-----	-----	-----	-----	HIGH	-----
002	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

INFORMATION ABOUT SOURCE WATER ASSESSMENTS

The completed TCEQ assessment of the Levi WSC source water indicate that some of the some of the sources are susceptible to certain contaminants. The sampling requirements for Levi WSC are based on this susceptibility and previous sample data. Any detection of these contaminants may be found in the Consumer Confidence Report. For more information on water source assessments and protection efforts of the Levi System, contact Jim Sheffield, General Manager of Levi WSC.

For more information about Levi WSC sources of water, please refer to the Source Water Assessment Viewer available at:

http://gis3.tceq.state.tx.us/swav/Controller/index.jsp?wtrsrc=

Further details about sources and source-water assessments are available in Drinking Water Watch at: http://dww.tceq.texas.gov/DWW

Source Water Name	Type of Water	Report Status	Location
1 – 1760 Water Well Road	GW	Active	Trinity Aquifier
2 – 3502 Rosenthal Pkwy	GW	Active	Trinity Aquifier
3 – 2757 Rosenthal Pkwy	GW	Active	Trinity Aquifier

The Business Office for Levi Water Supply Corporation is located at 2757 Rosenthal Pkwy., Lorena, Texas 76655

Business Office hours: 9:00 a.m. – 12:00 p.m & 1:00 p.m. – 4:00 p.m.

The scheduled Board of Directors meeting is the 3rd Monday of each month at 6:00 p.m. at the Levi Water office.

Meeting notices are posted on www.leviwater.com an at the Levi Water office. You may also call for meeting times.

Business Office telephone: 254-857-3050 – Fax: 254-857-3226 – Email: accounts@leviwater.com

General Manager: Jim Sheffield Email: jim@leviwater.com

Emergency Contact Telephones: 254-723-1834 or 254-292-2762

2016 Regulated Contaminants Detected

Lead and Copper

Definitions:
Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.
Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	09/09/2015	1.3	1.3	0.069	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

Water Quality Test Results

Definitions:	The following tables contain scientific terms and measures, some of which may require explanation.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
Maximum Contaminant Level or MCL:	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Level 1 Assessment:	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Maximum Contaminant Level Goal or MCLG:	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Level 2 Assessment:	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum residual disinfectant level or MRDL:	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Maximum residual disinfectant level goal or MRDLG:	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants
MFL	million fibers per liter (a measure of asbestos)
na:	not applicable.
mrem:	millirems per year (a measure of radiation absorbed by the body)

Water Quality Test Results

NTU	nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.
ppt	parts per trillion, or nanograms per liter (ng/L)
ppq	parts per quadrillion, or picograms per liter (pg/L)

Regulated Contaminants

Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2016	2	1.5 - 1.5	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2016	8	7.7 - 7.7	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	09/09/2015	0.0357	0.0357 - 0.0357	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	09/09/2015	2.53	2.53 - 2.53	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2016	0.11	0.07 - 0.11	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Selenium	09/09/2015	3.5	3.5 - 3.5	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	09/09/2015	1.1	1.1 - 1.1	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	09/09/2015	4	4 - 4	0	15	pCi/L	N	Erosion of natural deposits.
Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Ethylbenzene	2016	1.3	0 - 1.3	700	700	ppb	N	Discharge from petroleum refineries.
Xylenes	2016	0.0064	0 - 0.0064	10	10	ppm	N	Discharge from petroleum factories; Discharge from chemical factories.

Disinfectant

Disinfectant	Year	Average Level	Minimum Level	Maximum Level	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Likely Source of Contamination
Chlorine	2016	1.09	0.5	3.8	4	<4	ppm	**N**	Water additive used to control Microbes

This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system [*name*] has a fluoride concentration of [*insert value*] mg/L.

Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

Drinking water containing more than 4 mg/L of fluoride (the U.S. Environmental Protection Agency's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4 mg/L of fluoride, but we're required to notify you when we discover that the fluoride levels in your drinking water exceed 2 mg/L because of this cosmetic dental problem.

For more information, please call Jim Sheffield at Levi Water Supply Corp. The telephone number is 254-857-3050. Email contact is jim@leviwater.com Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP.

Exhibit 1-6

2017 Consumer Confidence Report

LEVI WSC (Public Water System 1550035)

This is your annual water quality report for January 1 to December 31, 2017

LEVI WSC provides ground water from **the Trinity Aquifier located in McLennan County**

Definitions and Abbreviations – Water Quality Test Results

Definitions and Abbreviations	The following tables contain scientific terms and measures, some of which may require explanation.
Action Level:	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Action Level Goal (ALG):	The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
Level 1 Assessment:	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Level 2 Assessment:	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level or MCL:	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Maximum Contaminant Level Goal or MCLG:	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum residual disinfectant level or MRDL:	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Maximum residual disinfectant level goal or MRDLG:	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MFL	million fibers per liter (a measure of asbestos)
mrem:	millirems per year (a measure of radiation absorbed by the body)
na:	not applicable.
NTU	nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.
ppq	parts per quadrillion, or picograms per liter (pg/L)
ppt	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

Important Information about your Drinking Water

The sources of drinking water (both tap water and bottled water) include aquifers, rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

'This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system **[Levi WSC]** has a fluoride concentration of **[2.44]** mg/L.'

'Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.'

"Drinking water containing more than 4 mg/L of Fluoride (the United States Environmental Protection Agency's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4mg/L of fluoride, but we are required to notify you when we discover the fluoride levels in your drinking water exceed 2 mg/L because of this cosmetic dental problem

'For more information, please call **Jim Sheffield** of **Levi Water Supply Corporation** at **254.857.3050 or accounts@leviwater.com** . Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP.'

Information about Source Water

'TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact: Jim Sheffield

Source Water: Levi WSC is Groundwater (GW)

Location	Type of Water	Status	Location
Water Plant 1 – 1760 Water Well Road	**GW**	**Active**	**Trinity Aquifier**
Water Plant 2 – 3502 Rosenthal Pkwy	**GW**	**Active**	**Trinity Aquifier**
Water Plant 3 – 2757 Rosenthal Pkwy	**GW**	**Active**	**Trinity Aquifier**

Levi Water Supply Corporation
P.O. Box 490
2757 Rosenthal Pkwy.
Lorena, Texas 76655-0490

Business Office Hours: 9:00 a.m. – 12:00 p.m —- 1:00 p.m. – 4:00 p.m.

254.857.3050 Fax: 254.857.3226

Este reporte incluye información importante sobre el agua para tomar.
Para asistencia en español, favor de llamar al telefono (254) 857 -3050.

Emergency/Water Outage: 254.723.1834 or 254.292.2762

Website: www.leviwater.com
Email: accounts@leviwater.com

Jim Sheffield General Manager
jim@leviwater.com

Scheduled Board of Directors Meeting: 3rd Monday of each month at 6:00 p.m.
Board Meeting Agenda posted on leviwater.com

Further details about sources of water and source-water assessments are available in Drinking Water Watch at: http://dww.tceq.texas.gov/DWW
Source Water Assessment Viewer available at: http://gis3.tceq.state.tx.us/swav/Controller/index.jsp?wtrsc=

2017 Water Quality Test Results

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	09/09/2015	1.3	1.3	0.069	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

Disinfection By-Products	Collection Date	Highest Level or Average Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2017	1	1.2 - 1.2	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

'* The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year'

Total Trihalomethanes (TTHM)	2017	8	8.1 - 8.1	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

Inorganic Contaminants	Collection Date	Highest Level or Average Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Arsenic	2017	4.4	4.4 - 4.4	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Barium	2017	0.036	0.036 - 0.036	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2017	2.44	2.44 - 2.44	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2017	0.08	0.07 - 0.08	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Selenium	2017	6.2	6.2 - 6.2	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.

Radioactive Contaminants	Collection Date	Highest Level or Average Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	09/09/2015	1.1	1.1 - 1.1	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	09/09/2015	4	4 - 4	0	15	pCi/L	N	Erosion of natural deposits.

Volatile Organic Contaminants	Collection Date	Highest Level or Average Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Xylenes	2017	0.0023	0 - 0.0023	10	10	ppm	N	Discharge from petroleum factories; Discharge from chemical factories.

Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Chlorine	2017	1.21	.4 – 3.9	4	<4	ppm	No	Water additive used to control microbes.

Exhibit 1-6

2018 Public Water Supply System Consumer Confidence Report
Levi Water Supply Corporation (PWS 1550035)

This is your water quality report for January 1 to December 31, 2018

LEVI WSC provides ground water from **Second Trinity Aquifer** located in McLennan County

For more information regarding this report contact:

Name Jim Sheffield

Phone 254.857.3050 or jim@leviwater.com

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono 254.857.3050

Definitions and Abbreviations

Definitions and Abbreviations	The following tables contain scientific terms and measures, some of which may require explanation
Action Level	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow
Action Level Goal (ALG)	The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples
Level 1 Assessment:	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system
Level 2 Assessment	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions
Maximum Contaminant Level or MCL	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology
Maximum Contaminant Level Goal or MCLG	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety
Maximum residual disinfectant level or MRDL	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants
Maximum residual disinfectant level goal or MRDLG	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants
MFL	million fibers per liter (a measure of asbestos)
mrem	millirems per year (a measure of radiation absorbed by the body)
na	not applicable
NTU	nephelometric turbidity units (a measure of turbidity)
pCi/l	picocuries per liter (a measure of radioactivity)
ppb	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water
ppq	parts per quadrillion, or picograms per liter (pg/L)
ppt	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT	A required process intended to reduce the level of a contaminant in drinking water.

Information about your Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, aquifiers and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead

'This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The Texas Commission on Environmental Quality has notified **Levi Water Supply Corp.** that Levi WSC has exceeded the Secondary Constituent Level of (SCL) of 2.0 mg/l for fluoride. Levi WSC has a fluoride concentration of **2.41 mg/l at Water Plant 2 -3502 Rosenthal Pkwy.**.

'Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.'

'For more information, please call **Jim Sheffield, General Manager, at Levi Water Supply Corp.** at **254.857.3050.** Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP.'

Information about Source Water

'TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact **Jim Sheffield, General Manager at 254.857.3050 or jim@leviwater.com.**

Source Water: Levi Water Supply Corporation is Groundwater (GW)

Location		Type of Water	Status	Location
Water Plant 1	1760 Water Well Road	GW	Active	Trinity Aquifer
Water Plant 2	3502 Rosenthal Pkwy	GW	Active	Trinity Aquifer
Water Plant 3	2757 Rosenthal Pkwy	GW	Active	Trinity Aquifer

Business Office: Levi Water Supply Corp.
P.O. Box 366
2757 Rosenthal Pkwy.
Lorena, Texas 76655

Business Office Hours: 9:00 a.m. 12:00 p.m. ------- 1:00 p.m. 4:00 p.m.

Telephone: 254.857.3050 • Fax: 254.857.3226

Board of Directors meet the 3rd Monday of each month unless otherwise notified

Emergency/Water Outage: 254.723.1834 or 254.292.2762

Este reporte incluye información importante sobre el agua para tomar.
Para asistencia en español, favor de llamar al teléfono 254.857.3050

Website: www.leviwater.com Email: accounts@leviwater.com

Jim Sheffield, General Manager (jim@leviwater.com)

Further details about sources of water and source-water assessments are available in Drinking Water Watch at http://dww.tceq.texas.gov/DWW
Source Water Assessment Viewer available at: http://gis3.tceq.state.tx.us/swav/Controller/index.jsp?wtrsc

2018 Water Quality Test Results

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2018	1.3	1.3	0.062	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2018	1	1.4 - 1.4	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

'* The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year'

Total Trihalomethanes (TTHM)	2018	9	8.6 - 8.6	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

'* The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year'

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Arsenic	2018	2	0 - 2	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards, Runoff from glass and electronics production wastes.
Barium	2018	0.0853	0.0364 - 0.0853	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2018	2.41	1.24 - 2.41	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2018	0.08	0.07 - 0.08	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	09/09/2015	1.1	1.1 - 1.1	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	09/09/2015	4	4 - 4	0	15	pCi/L	N	Erosion of natural deposits.

2018 Water Quality Test Results – Continued

Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Xylenes	2018	0.0014	0 - 0.0014	10	10	ppm	N	Discharge from petroleum factories; Discharge from chemical factories.

2018 Water Test Quality Results – Disinfectant

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Chlorine	2018	1.2	.3 - 3.9	4	4	ppm	No	Water additive used to control microbes.

Exhibit 1-6

2019 CONSUMER CONFIDENCE REPORT (CCR)

LEVI WATER SUPPLY CORPORATION – PUBLIC WATER SUPPLY SYSTEM 1550035

This is your water quality report for January 1 to December 31, 2019

LEVI WSC provides ground water from **Trinity Aquifier located in McLennan County, Texas**

For more information regarding this report contact:

Name Jim Sheffield, General Manager

Phone (254) – 857-3050

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (254) 857-3050

Definitions and Abbreviations

Definitions and Abbreviations	The following tables contain scientific terms and measures, some of which may require explanation.
Action Level:	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Action Level Goal (ALG):	The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
Level 1 Assessment:	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Level 2 Assessment:	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level or MCL:	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Maximum Contaminant Level Goal or MCLG:	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum residual disinfectant level or MRDL:	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Maximum residual disinfectant level goal or MRDLG:	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MFL	million fibers per liter (a measure of asbestos)
mrem:	millirems per year (a measure of radiation absorbed by the body)
na:	not applicable.
NTU	nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.
ppq	parts per quadrillion, or picograms per liter (pg/L)
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Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

Information about your Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

'This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system Levi Water Supply Corporation has a fluoride concentration of **2.6** mg/L. at Water Plant 2 at 3502 Rosenthal Pkwy.

'Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.'

'For more information, please call **Jim Sheffield, Levi Water Supply Corporation at 254.857.3050**. Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP.'

Information about Source Water

'TCEQ completed an assessment of your source water. and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact : **LEVI WATER SUPPLY CORPORATION - TELEPHONE: 254.857.3050 – accounts@leviwater.com**

Source Water: Levi WSC is Groundwater (GW)

Location	Type of Water	Status	Location
Water Plant 1 –1760 Water Well Road	GW	Active	Trinity Aquifier
Water Plant 2 – 3502 Rosenthal Pkwy.	GW	Active	Trinity Aquifier
Water Plant 3 – 2757 Rosenthal Pkwy.	GW	Active	Trinity Aquifier

Levi Water Supply Corporation
P.O. Box 490
2757 Rosenthal Pkwy.
Lorena, Texas 76655-0490

Business Office Hours: 9:00 a.m. – 12:00 p.m. ---- 1:00 p.m. – 4:00 p.m. (Monday thru Friday)

Telephone: 254.857.3050 Fax: 254.857.3226

Este reporte incluye información importante sobre el agua para tomar.
Para asistencia en español, favor de llamar al telefono (254) 857 -3050.

EMERGENCY/WATER OUTAGE: 254.723.1834 or 254.292.2762 (CALL OR TEXT)

Website: www.leviwater.com
Email: accounts@leviwater.com

Jim Sheffield, General Manager
jim@leviwater.com

The agenda for the Board of Directors meeting is posted on leviwater.com
Monthly Board Meetings are scheduled for the 3rd Monday or Tuesday of each month

Further details about sources of water and source-water assessments are available in Drinking Water Watch at: http://dww.tceq.texas.gov/DWW

Source Water Assessment Viewer available at: http://gis3.tceq.state.tx.us/swav/Controller/index.jsp?wtrsc =

2019 Water Quality Test Results

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	06/13/2018	1.3	1.3	0.062	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2019	2	2.1 - 2.1	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

'* The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year'

Total Trihalomethanes (TTHM)	2019	14	13.6 - 13.6	No goal for the total	80	ppb	N	By-product of drinking water disinfection

'* The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year'

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Arsenic	06/28/2018	2	0 - 2	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Barium	06/28/2018	0.0853	0.0364 - 0.0853	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride	2019	2.6	1.3 - 2.56	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2019	0.1	0.07 - 0.1	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	09/09/2015	1.1	1.1 - 1.1	0	5	pCi/l	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	09/09/2015	4	4 - 4	0	15	pCi/L	N	Erosion of natural deposits

Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Xylenes	2019	0.0009	0 - 0.0009	10	10	ppm	N	Discharge from petroleum factories; Discharge from chemical factories

Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Chlorine	2019	1.16	3 - 2.0	4	4	ppm	N	Water additive used to control microbes

Violations

E. coli

Fecal coliforms and E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, and people with severely compromised immune systems

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITOR GWR TRIGGERED ADDITIONAL MAJOR	12/21/2010	03/19/2020	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the possitive sample was collected.
MONITOR GWR TRIGGERED ADDITIONAL MAJOR	06/16/2011	03/19/2020	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.

Exhibit 1-6

2020 Consumer Confidence Report for Public Water System
LEVI WSC – PWS 1550035

This is your water quality report for January 1 to December 31, 2020

LEVI WSC provides ground water from **the Trinity Aquifer, McLennan County, Texas**

For more information regarding this report contact:

Name Jim Sheffield

Phone 254.857.3050

Este reporte incluye información importante sobre el agua para tomar.
Para asistencia en español, favor de llamar al telefono (254) 857.3050

Definitions and Abbreviations

Definitions and Abbreviations	The following tables contain scientific terms and measures, some of which may require explanation.
Action Level:	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
Level 1 Assessment:	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Level 2 Assessment:	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level or MCL:	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Maximum Contaminant Level Goal or MCLG:	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum residual disinfectant level or MRDL:	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Maximum residual disinfectant level goal or MRDLG:	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MFL	million fibers per liter (a measure of asbestos)
mrem:	millirems per year (a measure of radiation absorbed by the body)
na:	not applicable.
NTU	nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion
ppm:	milligrams per liter or parts per million
ppq	parts per quadrillion, or picograms per liter (pg/L)
ppt	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

Information about your Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immune compromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline at (800) 426-4791

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system **[Levi Water Supply Corp.)** has a fluoride concentration of **2.44** mg/L at Water Plant 2 – 3502 Rosenthal Pkwy.

Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

For more information, please call **Jim Sheffield, Manager - Levi Water Supply** at **254.857.3050**. Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP

INFORMATION ABOUT SOURCE WATER:

TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact **JimSheffield, General Manager at 254.857.3050 or jim@leviwater.com**

Source Water: Levi Water Supply Corporation is Groundwater (GW)

Location	Type of Water	Status	Location
Water Plant 1 – 1760 Water Well Road	GW	Active	Trinity Aquifer
Water Plant 2 – 3502 Rosenthal Pkwy.	GW	Active	Trinity Aquifer
Water Plant 3 – 2757 Rosenthal Pkwy.	GW	Active	Trinity Aquifer

Levi Water Supply Corporation
P.O. Box 490
2757 Rosenthal Pkwy.
Lorena, Texas 76655-0490

Business Office Hours: 9:00 a.m. - 12:00 p.m. ------ 1:00 p.m. – 4:00 p.m. (Monday thru Friday)

Telephone: 254.857.3050 Fax: 254.857.3226

Este reporte incluye información importante sobre el agua para tomar
Para asistencia en español, favor de llamar al telefono (254) 857.3050

EMERGENCY / WATER OUTAGE: 254.723.1834 OR 254.292.2762 (CALL OR TEXT)

Website: www.leviwater.com

Email: accounts@leviwater.com

The agenda for the Board of Directors meeting is posted on leviwater.com

Monthly Board Meetings are generally scheduled during the 3rd week of each month

Jim Sheffield, General Manager
Email: jim@leviwater.com
Cell: 254.292.2762

Further details about sources of water and source-water assessments are available in Drinking Water Watch at: http://dww.tceq.texas.gov/DWW

Source Water Assessment Viewer available at: http://gis3.tceq.state.tx.us/sway/Controller/index.jsp?wtrxc=

2020 Water Quality Test Results

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	06/13/2018	1.3	1.3	0.062	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2020	2	1.5 - 1.5	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

*The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year

Total Trihalomethanes (TTHM)	2020	9	8.8 - 8.8	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

*The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2020	0.0342	0.0342 - 0.0342	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2020	2.44	2.44 - 2.44	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2020	0.1	0.06 - 0.1	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	09/09/2015	1.1	1.1 - 1.1	0	5	pCi/L	N	Erosion of natural deposits.

Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Xylenes	2020	0.0012	0 - 0.0012	10	10	ppm	N	Discharge from petroleum factories; Discharge from chemical factories.

Disinfectant Residual

A blank disinfectant residual table has been added to the CCR template, you will need to add data to the fields. Your data can be taken off the Disinfectant Level Quarterly Operating Reports (DLQOR).

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Chlorine	2020	1.3	.6 – 4.0	4	4	ppm	N	Water additive used to control microbes.

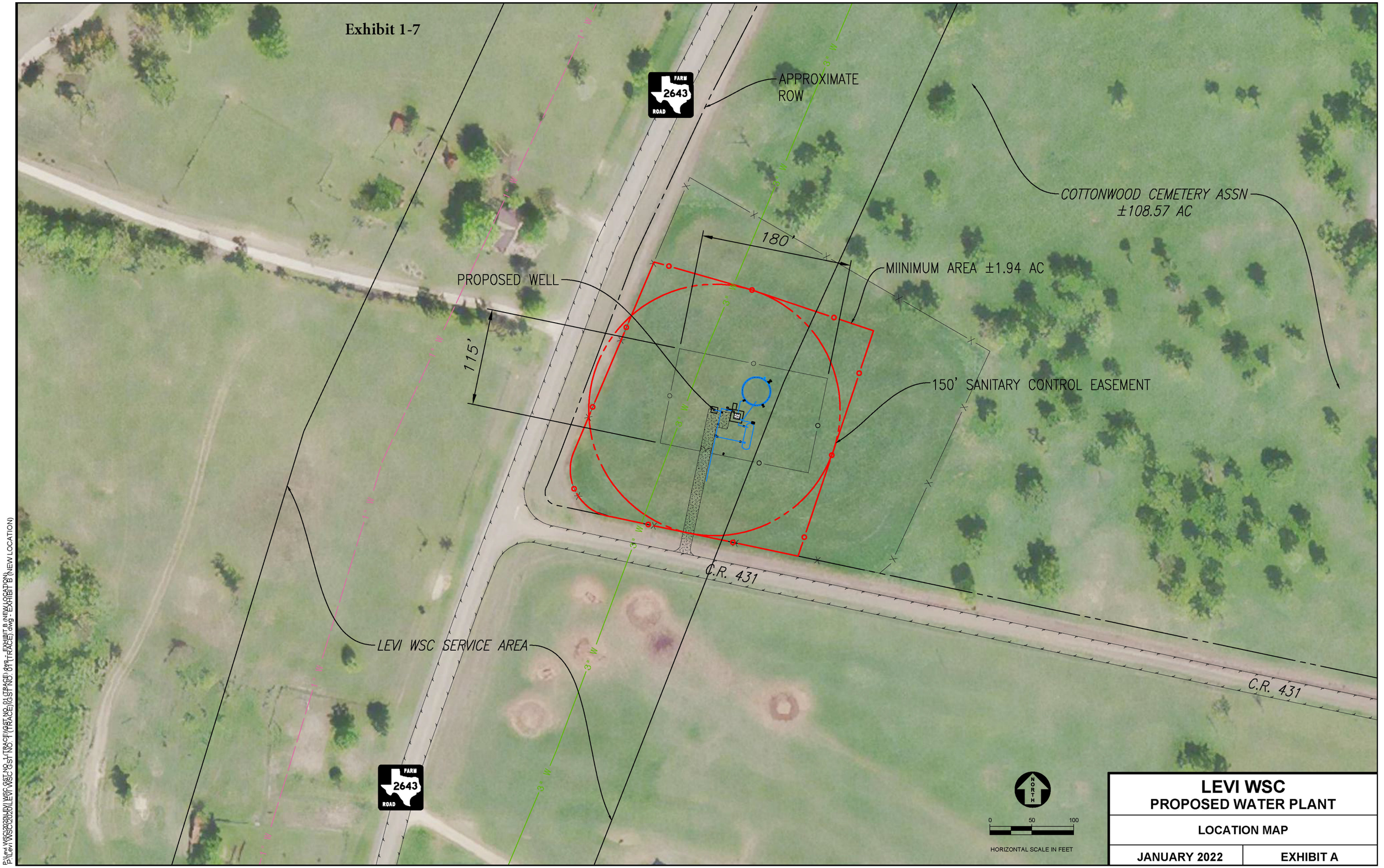
Violations

E. coli

Fecal coliforms and E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, and people with severely compromised immune systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITOR GWR TRIGGERED/ADDITIONAL, MAJOR	12/21/2010	03/19/2020	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.
MONITOR GWR TRIGGERED/ADDITIONAL, MAJOR	06/16/2011	03/19/2020	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.

Exhibit 1-7



LEVI WSC
PROPOSED WATER PLANT

LOCATION MAP

JANUARY 2022	EXHIBIT A

P:\Levi WSC\2020\LEVI WSC GST NO 1-[TRACE]\GST NO 01 [TRACE].dwg, EXHIBIT B (NEW LOCATION), P:\Levi WSC\2020\LEVI WSC GST NO 1-[TRACE]\GST NO. 01 [TRACE].dwg - EXHIBIT B (NEW LOCATION)

Exhibit 1-8
August 2018 Map with
Proposed Improvements

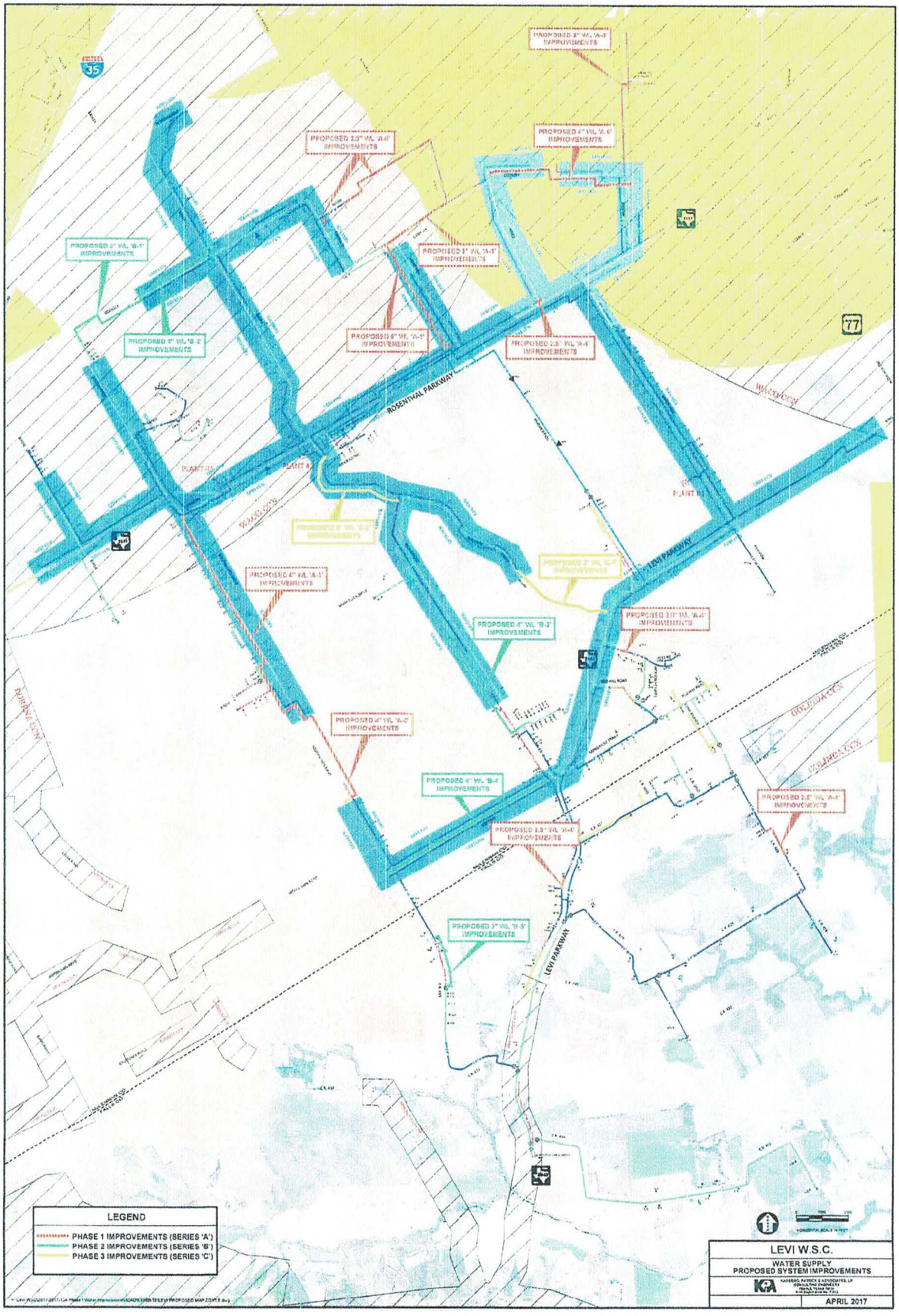


Exhibit 1-8

LEVI WATER SUPPLY CORPORATION
WATER SYSTEM IMPROVEMENTS

2018

Board Members

Mike Meadows . . . . . President
Brad Berry . . . . . Vice President
Larry Groth . . . . . Secretary
Chris Miller . . . . . Treasurer
John Hahne . . . . . Board Member

Submitted By-

KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
TEMPLE, TEXAS
Firm Reg. No. F-510

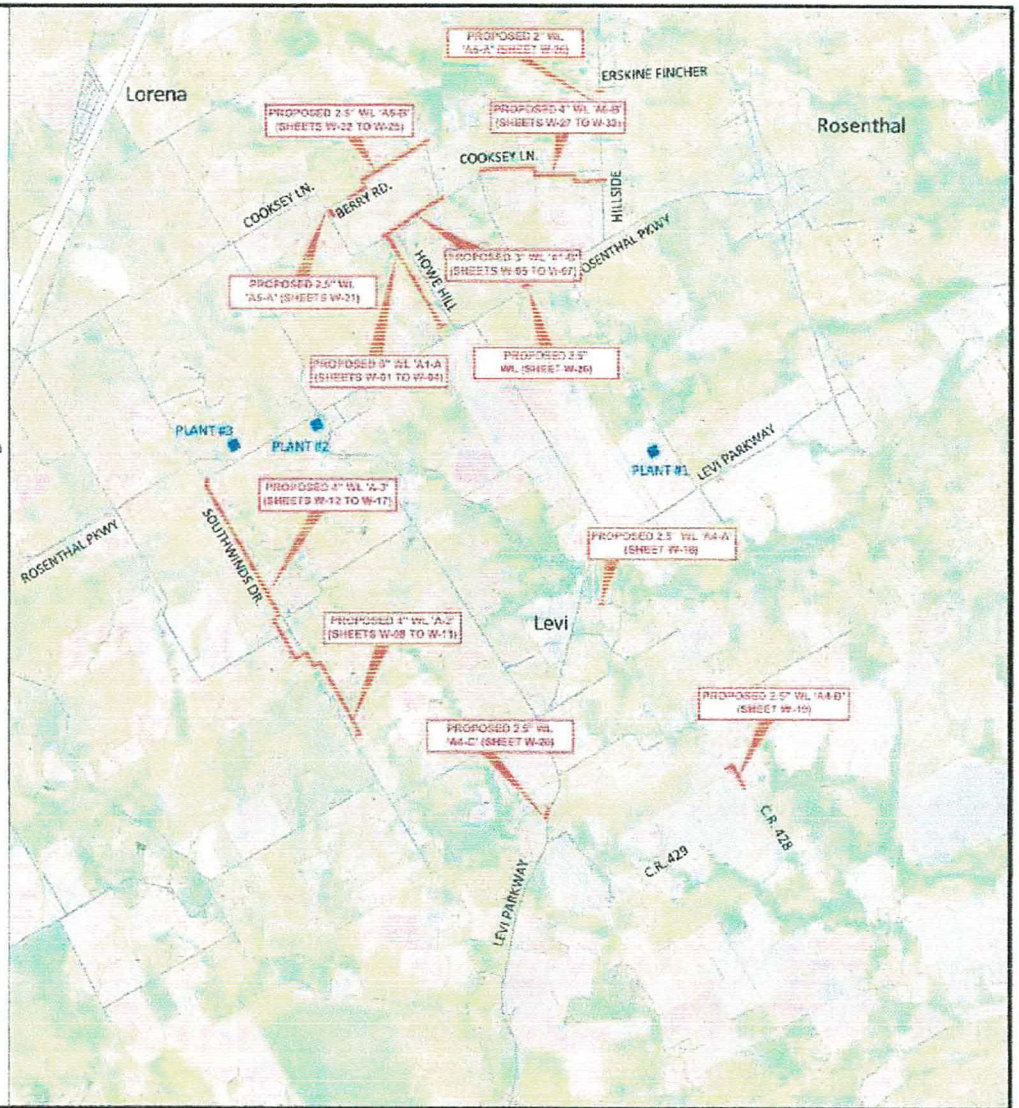
Ginger R. Tolbert
3/28/18

P:\Levi WS\2017\2017-134 Hostel Water Improvements\CADBASE\WORKING\GENERAL DETAILS\DETAILS 0.dwg

Sheet Index

Legend

- 4" WL — PROPOSED WATER LINE
- PROPOSED EASEMENT
- 2.5" W — EXISTING WATER LINE (TO REMAIN)
- 2" W — EXISTING WATER LINE (TO BE ABANDONED)
- RIGHT-OF-WAY/PROPERTY LINE
- WIRE FENCE
- WOOD FENCE
- PIPE FENCE
- EXISTING EDGE OF ASPHALT
- FH — EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING IRI RISER
- EXISTING POWER POLE
- 100 — EXISTING WATER METER (ADJACENT TO PROJECT)
- 150 — EXISTING WATER METER (ADJUSTMENT IN PROJECT)
- NS — NEW WATER METER
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT



NO	DATE	REVISION	BY

KPA Firm Registration Number F-510

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Roger R. Tolbert, PE
APPROVED BY Roger R. Tolbert
DATE 5/28/18

KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS
GENERAL
TABLE OF CONTENTS AND PROJECT MAP

SHEET NO. G-02
OF 04

A. BIDDER/CONTRACTOR ELIGIBILITY

1. A PRE-BID CONFERENCE WILL BE HELD PRIOR TO BID OPENING FOR THE PROJECT.

B. GENERAL

1. ALL CONSTRUCTION FOR THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF THE OWNERS DESIGN AND STANDARD DETAILS MANUAL UNLESS EXCEPTED BY THESE CONSTRUCTION PLANS.
2. ALL BARRICADES, SIGNS AND TRAFFIC CONTROL FOR THIS PROJECT SHALL CONFORM TO THE LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
3. THE BIDDERS FOR THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIREMENTS OF WORKING IN STATE AND CITY RIGHTS-OF-WAY AND EASEMENTS. THE BIDDER SHALL FAMILIARIZE THEMSELVES WITH ALL INSURANCE REQUIREMENTS FOR SAID WORK AND SHALL INCLUDE IN THEIR BIDS, INSURANCE COSTS AND INSURANCE PREMIUMS THAT PROVIDE FOR THE STATE OF TEXAS, THE OWNER AND THE ENGINEER AS ADDITIONAL INSURED UNDER THE CONTRACTOR'S POLICIES.
4. CONTRACTOR SHALL PROVIDE THE OWNER WITH A BARRICADE, SIGNING AND TRAFFIC PLAN WHICH WILL INCLUDE HOW TRAFFIC WILL BE HANDLED DURING CONSTRUCTION. THE BARRICADES, SIGNS AND LIGHTS SHALL CONFORM TO THE LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. THE PLAN SHALL BE PREPARED BY A TEXAS REGISTERED PROFESSIONAL ENGINEER.
5. CONTRACTOR SHALL NOTIFY THE OWNER AND THE TEXAS DEPARTMENT OF TRANSPORTATION A MINIMUM OF THREE (3) WORKING DAYS (MONDAY-FRIDAY) IN ADVANCE OF CONSTRUCTION STARTUP, FOLLOWED BY A LETTER OF CONFIRMATION. CONTRACTOR SHALL ALSO GIVE A MINIMUM OF THREE (3) WORKING DAYS (MONDAY-FRIDAY) NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK.
6. LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS WAS COMPILED FROM RECORD INFORMATION. NO WARRANTY IS IMPLIED AS TO THE ACTUAL LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL CALL THE OWNER IF THERE ARE ANY CONFLICTS BETWEEN PROPOSED AND EXISTING UTILITIES, OR IF THE EXISTING UTILITIES ARE IN ANY WAY DIFFERENT FROM WHAT IS SHOWN ON THE DRAWINGS. THEN IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER OR OTHER AFFECTED UTILITIES BEFORE PROCEEDING WITH ANY CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR RESOLVING ALL CONFLICTS AT HIS EXPENSE. THE OWNER WILL CONSIDER ANY CONFLICTS AT SAID LOCATIONS ON A CASE BY CASE BASIS IN ORDER TO DETERMINE IF THE CONTRACTOR SHOULD BE REIMBURSED FOR HIS EXPENSE IN SOLVING SAID CONFLICT.
7. CONTRACTOR SHALL MAKE ALL PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE INCLUDING WATER SERVICE TO PROPERTY OWNERS. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF THESE CONSTRUCTION OPERATIONS ARE TO BE REPAIRED IMMEDIATELY BY THE CONTRACTOR TO AT LEAST THE PREEXISTING CONDITION AT NO ADDITIONAL COST TO THE OWNER.
8. CONTRACTOR SHALL COORDINATE INTERRUPTIONS OF ALL UTILITIES AND SERVICES WITH APPLICABLE UTILITY COMPANY OR COMPANIES. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY OR AGENCY INVOLVED.
9. WHEN UNLOCATED OR INCORRECTLY LOCATED UNDERGROUND PIPING OR A BREAK IN A LINE OR OTHER UTILITIES AND SERVICES ARE ENCOUNTERED DURING SITE WORK OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE APPLICABLE UTILITY COMPANY IMMEDIATELY TO OBTAIN PROCEDURE DIRECTIONS. CONTRACTOR TO COOPERATE WITH THE APPLICABLE UTILITY COMPANY IN MAINTAINING ACTIVE SERVICES IN OPERATION.
10. CONTRACTOR SHALL CONTACT THE OWNER FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. IN ADVANCE OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES TO BE EXTENDED, TIED TO OR ALTERED, OR SUBJECT TO DAMAGE/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS. THE OWNERS WATER AND WASTEWATER MAINTENANCE RESPONSIBILITY ENDS AT RIGHT-OF-WAY OR EASEMENT LINES.
11. CONTRACTOR SHALL REMOVE AND REPLACE 9 INCHES OF TOPSOIL FOR INSTALLATIONS WITHIN NATURAL GROUND.
12. CONTRACTOR SHALL PROTECT ALL EXISTING FENCES. IN THE EVENT THAT A FENCE MUST BE REMOVED, THE CONTRACTOR SHALL REPLACE SAID FENCE OR PORTION THEREOF WITH THE SAME TYPE OF FENCING TO A QUALITY OF EQUAL OR BETTER THAN THE ORIGINAL FENCE. THIS WILL NOT BE A SEPARATE PAY ITEM, UNLESS SPECIFICALLY NOTED ON THE CONSTRUCTION DRAWINGS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROVIDING TEMPORARY FENCING IF NEEDED. THIS WILL NOT BE A SEPARATE PAY ITEM.
13. CONTRACTOR SHALL NOTIFY THE ENGINEER FOR THIS PROJECT THREE (3) WORKING DAYS PRIOR TO THE NEED FOR CONSTRUCTION CONTROL STAKING. THE ENGINEER WILL PREPARE CUT SHEETS AND PROVIDE THEM TO THE ON-SITE PROJECT REPRESENTATIVE FOR DISTRIBUTION TO THE CONTRACTOR.
14. CONTRACTOR SHALL MAKE AN EXAMINATION OF THE PROJECT SITE AND COMPLETELY FAMILIARIZE HIMSELF WITH THE NATURE AND EXTENT OF THE WORK TO BE ACCOMPLISHED. NO EXTRA COMPENSATION WILL BE ALLOWED FOR ANY WORK MADE NECESSARY BY UNUSUAL CONDITIONS OR OBSTACLES ENCOUNTERED DURING THE PROGRESS OF THE WORK, WHICH CONDITIONS OR OBSTACLES ARE READILY APPARENT UPON A VISIT TO THE SITE. IF THERE ARE ANY QUESTIONS OF THIS REGARD OR IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE SUBMISSION OF BIDS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF HIS MATERIALS AND EQUIPMENT FROM THEFT, VANDALISM, ANIMALS, FIRE, ETC., WHILE SAID MATERIALS AND EQUIPMENT ARE ON THE PROJECT WHETHER STORED OR INSTALLED IN PLACE, UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE OWNER.
16. UPON COMPLETION OF THE PROJECT, THE SITE(S) AS DEFINED HEREIN, SHALL BE CLEANED OF ALL DEBRIS AND LEFT IN A NEAT AND PRESENTABLE CONDITION.
17. IN THOSE CASES WHERE FIXED FEATURES REQUIRE, THE DESIGN SLOPES INDICATED HEREIN AND ON THE CROSS SECTIONS MAY BE MODIFIED IN THE FIELD AS DETERMINED BY THE OWNER.
18. CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT ALL ADJOINING PAVEMENT SECTIONS SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND ANY DAMAGES INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
19. WHERE EXISTING PAVEMENT ADJOINS NEW PAVEMENT, THE EXISTING PAVEMENT SHALL BE SAWED TO A NEAT TRANSVERSE LINE TO PERMIT ADEQUATE JOINING.
20. ACCESS TO OFFICES, BUSINESSES AND DRIVEWAYS ALONG THE PROJECT SHALL RECEIVE PRIORITY BY THE CONTRACTOR.
21. EXISTING PAVING, BUILDINGS AND OTHER ITEMS SHOWN ON THE PLANS ARE NOT SPECIFICALLY RELATED TO THE WORK OF THE CONTRACTOR AND IS FOR INFORMATION ONLY.
22. THE PROCUREMENT AND TRANSPORTATION OF WATER REQUIRED FOR INCLUSION IN THE PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR.
23. CONTRACTOR SHALL MAINTAIN ACCESS TO PUBLIC AND PRIVATE FACILITIES AT ALL TIMES AND IN ALL WEATHER CONDITIONS DURING CONSTRUCTION.
24. CONTRACTOR SHALL CONTROL DUST CAUSED BY THE WORK AND COMPLY WITH POLLUTION CONTROL REGULATIONS OF GOVERNING AUTHORITIES.
25. CONTRACTOR SHALL REMOVE BUILT UP MATERIAL ON ADJACENT PUBLIC ROADWAYS RESULTING FROM HIS WORK. CLEANING TO BE AT LEAST ONCE A DAY.
26. CONTRACTOR SHALL NOT STOCKPILE MATERIAL WITHIN THE 100 YEAR FLOOD PLAIN.
27. ANY EXISTING PAVEMENT, CURBS, AND/OR SIDEWALK DAMAGED OR REMOVED BY THE CONTRACTOR THAT ARE NOT A PART OF THIS CONTRACT ARE TO BE REPAIRED BY THE CONTRACTOR TO AT LEAST THE PREEXISTING CONDITION AT HIS EXPENSE BEFORE ACCEPTANCE OF THE WORK.
28. MAKE CONNECTION BETWEEN NEW AND EXISTING ASPHALT STREETS BY REMOVING EXISTING STREET FROM THE END OF EXISTING PAVEMENT UNTIL FULL DEPTH BASE AND HMAC ARE ENCOUNTERED AND HMAC APPEARS TO BE IN SOUND CONDITION. PROVIDE EXPANSION JOINTS AND DOWELS WHERE CONNECTING EXISTING CURB TO NEW CONSTRUCTION.

C. CONSTRUCTION LAYOUT/PROJECT COORDINATION

1. THE ENGINEER WILL PROVIDE OFF-SET CONSTRUCTION STAKING FOR THE PROJECT ON A ONE TIME BASIS FOR ALL IMPROVEMENTS.
2. CONSTRUCTION OFF-SET STAKES PROVIDED BY THE ENGINEER THAT ARE DESTROYED BY THE CONTRACTOR WILL BE REPLACED BY THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR. SURVEY CREW RATES WILL BE CHARGED AT A RATE OF $110.00/HOUR. CUT SHEET PREPARATION AND REMARKING THE STAKES WILL BE CHARGED AT A RATE OF $95.00/HOUR.
3. CONTRACTOR SHALL LOCATE, PROTECT AND MAINTAIN BENCHMARKS, MONUMENTS AND CONTROL POINTS. RE-ESTABLISHMENT OF DISTURBED OR DESTROYED ITEMS SHALL BE ACCOMPLISHED BY A TEXAS REGISTERED PROFESSIONAL LAND SURVEYOR AT NO COST TO THE OWNER.
4. PRE-CONSTRUCTION CONFERENCE
   A. PRIOR TO BEGINNING WORK ON THE PROJECT AND SOON AFTER THE AWARD OF CONTRACT, A CONFERENCE WILL BE HELD AMONG THE REPRESENTATIVES OF THE OWNER, THE ENGINEER, THE CONTRACTOR AND ANY SUBCONTRACTOR THAT WILL BE INVOLVED IN THE WORK. AT THAT TIME THE CONTRACTOR SHALL SUBMIT CHARTS OR BRIEFS, OUTLINING THE MANNER OF EXECUTION OF THE WORK THAT IS INTENDED IN ORDER TO COMPLETE THE SPECIFIED WORK WITHIN THE ALLOTTED TIME. THIS CONFERENCE WILL MORE COMPLETELY ESTABLISH THE SEQUENCE OF WORK TO BE FOLLOWED AND ESTABLISH THE ESTIMATED PROGRESS SCHEDULE FOR COMPLETION OF THE VARIOUS TASKS.
   B. IN ADDITION, AT THIS CONFERENCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING THE ENGINEER WITH ALL OF THE FOLLOWING, AS SPECIFIED HEREIN OR AS DIRECTED BY THE ENGINEER:
      i. SAMPLES OF ALL MATERIALS TO BE USED ON THE PROJECT WITH IDENTIFICATION AS TO PRODUCT NAME, NAME, LOCATION, PHONE NUMBER (INCLUDING AREA CODE) AND MAILING ADDRESS OF PRODUCT SOURCE AND MANUFACTURER, IF DIFFERENT FROM SOURCE, CONTENT OF PRODUCT, AMOUNT OF EACH INGREDIENT IN THE PRODUCT, AND MANUFACTURER'S DIRECTIONS AS TO USE AND APPLICATION OF THE PRODUCT, IF APPLICABLE.
      ii. MANUFACTURER'S LITERATURE OF ALL MATERIALS AND EQUIPMENT TO BE INSTALLED ON THE PROJECT.
5. THE PLANS FOR THIS PROJECT SHOW PROPOSED ELEVATIONS, SLOPES AND DIMENSIONS THAT ARE INTENDED FOR ACTUAL PLACEMENT. HOWEVER, THERE MAY BE SOME INSTANCES WHERE EXISTING CONDITIONS MAKE IT IMPRACTICAL TO ACHIEVE THE IDEAL. IN THOSE INSTANCES, THE OWNER WILL ASSIST THE CONTRACTOR IN MAKING PROPER FIELD CHANGES TO BETTER ACCOUNT FOR FIELD CONDITIONS.
6. THE ENGINEER FOR THE PROJECT WILL MARK THE LIMITS OF CONSTRUCTION PRIOR TO COMMENCEMENT OF THE PROJECT. PRIVATE PROPERTY SHALL BE OFF LIMITS UNLESS WRITTEN PERMISSION IS GIVEN TO THE CONTRACTOR BY THE OWNER. THE OWNER WILL NOT BE RESPONSIBLE FOR ANY CONTRACTOR OPERATIONS OFF OF THE PROJECT SITE.

D. TESTING AND SUBMITTALS

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL SAMPLES AS WELL AS ANY MANUFACTURERS LITERATURE OF MATERIALS USED ON THIS PROJECT AS REQUIRED BY THE ENGINEER. ANY COSTS ASSOCIATED WITH ANY SAMPLING AND TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THESE COSTS SHALL BE CONSIDERED AS INCIDENTAL AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY ADDITIONAL COMPENSATION.
2. CONTRACTOR SHALL COORDINATE ALL MATERIALS TESTING WITH THE OWNERS CONSTRUCTION REPRESENTATIVE, INCLUDING SOIL DENSITY TESTS AND RELATED SOILS ANALYSIS. TESTS TO BE ACCOMPLISHED BY AN INDEPENDENT LABORATORY UNDER CONTRACT WITH THE OWNER, AT THE FREQUENCY, TIME AND LOCATION AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS. A COPY OF THE TEST RESULTS SHALL BE FORWARDED TO THE OWNER, THE OWNERS REPRESENTATIVE, AND THE CONTRACTOR. TESTS WHICH SHOW UNSATISFACTORY RESULTS SHALL BE REPEATED AT THE EXPENSE OF THE CONTRACTOR SUBSEQUENT TO THE CONTRACTOR'S REMEDIAL ACTIVITIES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR AND PAY FOR ALL CHARGES OF TESTING LABORATORIES FOR SERVICES IN CONNECTION WITH INITIAL TESTS MADE ON ALL IMPORTED MATERIALS TO THE PROJECT SITES INCLUDING BUT NOT LIMITED TO EMBEDMENT MATERIALS, FILL MATERIAL, BACKFILL MATERIAL, SELECT MATERIAL, CRUSHED LIMESTONE BASE, SUBBASE, CONCRETE, STEEL, WOOD FORMS, LIQUID ASPHALT, AGGREGATE, WATER, CEMENT, CURING COMPOUND, GUARD RAIL, HOT MIX, ETC.

   THE TESTS FOR WHICH THE CONTRACTOR WILL TYPICALLY BE RESPONSIBLE ARE ATTERBERG LIMITS, SIEVE ANALYSIS, PLASTICITY INDICES, MIX DESIGN, CALIFORNIA BEARING RATIOS, TRIAXIAL TESTING, PROCTORS (MOISTURE DENSITY CURVES) AND ALL TESTS REQUIRED BY THE SPECIFICATIONS THAT PROVE THE MATERIAL BROUGHT TO THE PROJECT SITES MEETS OR EXCEEDS THE SPECIFICATIONS AND CONTRACT DOCUMENTS. THE OWNER WILL PAY ALL THE CHARGES OF TESTING LABORATORIES FOR SERVICES IN CONNECTION WITH IN PLACE FIELD DENSITIES, CONCRETE CYLINDERS TESTING, HMAC DENSITY TESTS AND ANY IN PLACE TEST REQUIRED FOR QUALITY ASSURANCE. RETESTING AFTER FAILURE OF INPLACE TESTS SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

E. CONCRETE FOR CONSTRUCTION

1. ALL REINFORCING STEEL FOR CONCRETE SHALL MEET ASTM A 615, GRADE 60.
2. PRE-CAST INLETS, JUNCTION BOXES, MANHOLES AND BOX CULVERTS ARE ALLOWABLE ON THIS PROJECT. HOWEVER, ALL SUPPLIER SUBMITTALS WILL BE REQUIRED AND THE OWNER RESERVES THE RIGHT TO CHANGE ELEVATIONS AND SLOPES OF, TO AND FROM EACH PROPOSED STRUCTURE AT ANY TIME.

F. JOB SITE SAFETY

1. ALL CONSTRUCTION OPERATIONS FOR THIS PROJECT SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). COPIES OF THE OSHA STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE. INFORMATION AND RELATED REFERENCE MATERIALS MAY BE OBTAINED FROM OSHA: 903 SAN JACINTO, AUSTIN, TEXAS.
2. THESE PLANS, PREPARED BY KASBERG, PATRICK & ASSOCIATES, LP, DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR HIS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF KASBERG, PATRICK & ASSOCIATES, LP, REGISTERED PROFESSIONAL ENGINEER(S) HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED IN THE WORK.
3. CONTRACTOR SHALL PROVIDE A TRENCH SAFETY PLAN TO THE OWNER AS REQUIRED BY THE LAWS OF THE STATE OF TEXAS. IMPLEMENTATION OF THE SUBMITTED TRENCH SAFETY PLAN SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. CONTRACTOR SHALL BE RESPONSIBLE AND LIABLE FOR ALL JOB SITE SAFETY, FOR MANAGEMENT OF JOB SITE PERSONNEL, FOR SUPERVISION OF THE USE OF JOB SITE EQUIPMENT AND FOR DIRECTION OF ALL CONSTRUCTION PROCEDURES, METHODS AND ELEMENTS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
5. BLASTING IS NOT PERMITTED ON THIS PROJECT.
6. IN ADDITION TO OTHER SAFETY REQUIREMENTS, ALL TRUCKS USED FOR HAULING MATERIAL AND/OR EQUIPMENT TO AND/OR FROM THIS PROJECT SHALL BE EQUIPPED WITH AN AUDIBLE BACKUP WARNING DEVICE THAT IS IN GOOD OPERATING CONDITION.
7. ADVISORY SPEED LIMIT SIGNS SHALL BE PLACED AS DIRECTED BY THE OWNER AND THE TEXAS DEPARTMENT OF TRANSPORTATION. THE LOCATION AND SPEED SHALL BE DETERMINED BY THOSE TWO ENTITIES IN ORDER TO FIT PROJECT CONDITIONS.
8. PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC IS OF THE UTMOST IMPORTANCE FOR THE PROJECT. THE TRAFFIC CONTROL AND SEQUENCE OF CONSTRUCTION PLAN SHALL ADDRESS ALL ANTICIPATED SITUATIONS IN THIS REGARD WITH SUFFICIENT DETAIL. THE CONTRACTORS PLAN WILL BE REVIEWED BY LOCAL TXDOT OFFICIALS AND THE OWNER.

G. ENVIRONMENTAL

1. CONTRACTOR SHALL PROVIDE AND MAINTAIN SANITARY FACILITIES ON THIS PROJECT FOR EMPLOYEES.
2. CONTRACTOR SHALL NOT PLACE ASPHALT PRODUCTS ON THE GROUND WITHIN 48 HOURS OF FORECASTED RAIN.
3. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS REGARDING EXCESS AND WASTE MATERIAL, INCLUDING METHODS OF HANDLING AND DISPOSAL.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO PUBLIC AND PRIVATE FACILITIES DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES TO BE COORDINATED WITH THE OWNER.
5. CONTRACTOR SHALL LOCATE MATERIAL STORAGE AREAS AWAY FROM STORM WATER CONVEYANCE SYSTEMS. CONTRACTOR SHALL PROVIDE PROTECTED STORAGE AREAS FOR CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS AND OTHER POTENTIALLY TOXIC MATERIALS.
6. NO BURNING IS ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM APPLICABLE GOVERNMENT AGENCIES AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR MAY HAUL CLEARED VEGETATION TO AN ACCEPTABLE OFF-SITE LOCATION WITH WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL DESIGNATE TO THE OWNER'S REPRESENTATIVE WHICH METHOD WILL BE USED FOR DISPOSAL OF CLEARED VEGETATION.
7. FUEL STORAGE IS NOT ALLOWED ON THIS PROJECT.
8. CONTRACTOR SHALL ADVISE OWNER IMMEDIATELY, VERBALLY AND IN WRITING, OF ANY FUEL OR TOXIC MATERIAL SPILLS ONTO THE PROJECT CONSTRUCTION AREA AND THE ACTIONS TO BE TAKEN TO REMEDY THE PROBLEM.
9. CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF HIS FUELS, MATERIALS AND CONTAMINATED EXCAVATIONS IN A LEGALLY APPROVED MANNER.
10. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE ENVIRONMENTAL LAWS.
11. IN THE EVENT THAT SITE GRADING AND/OR EXCAVATION REVEALS WHAT MIGHT BE HAZARDOUS MATERIALS, ALL CONSTRUCTION OPERATIONS SHALL CEASE. THE FIRE DEPARTMENT, FIRE CHIEF AND THE ENGINEER SHALL BE CALLED TO THE SITE TO EVALUATE THE SITUATION. IF REQUIRED THE OWNER WILL AUTHORIZE THE HAZARDOUS MATERIALS RESPONSE COMPANY WHICH IS UNDER CONTRACT WITH THE OWNER TO BEGIN REMEDIATION OF THE SITUATION. AT THAT SAME TIME, THE OWNER WILL DETERMINE WHAT CONSTRUCTION ACTIVITIES MAY CONTINUE THAT WOULD NOT ENDANGER CONSTRUCTION WORKERS OR CITIZENS.

H. PAVEMENT STRUCTURE SPECIFICATIONS

1. HOT-MIX ASPHALTIC CONCRETE SURFACE SHALL BE 1993 TXDOT ITEM 340 TYPE "D".
2. CRUSHED LIMESTONE BASE MATERIAL SHALL BE 1993 TXDOT ITEM 247, TYPE A, GRADE 2 OR BETTER. THE BASE MATERIAL SHOULD BE COMPACTED IN LIFTS NOT TO EXCEED SIX INCHES COMPACTED THICKNESS AT A MINIMUM OF 100% OF TEX-113-E MAXIMUM DRY DENSITY AT OR NEAR OPTIMUM MOISTURE.
3. NATURAL SUBGRADE THAT IS DISTURBED SHALL BE COMPACTED TO AT LEAST 95% OF TEX-113-E MAXIMUM DRY DENSITY AT A MOISTURE CONTENT RANGE OF -1.0% TO +2.0% OF OPTIMUM MOISTURE CONTENT.

I. BID SCHEDULE

1. PAYMENT FOR DIRECT COST WILL BE BASED ON DOCUMENTED INVOICES AND ON DOCUMENTED TIME SHEETS.
2. LABOR FROM TIME SHEETS WILL BE PAID AT SALARY COST. SALARY COST IS DEFINED AS DIRECT SALARY PLUS FRINGE BENEFITS, SUCH AS FICA, SICK LEAVE, VACATION AND WORKMAN'S COMPENSATION INSURANCE.
3. THE BID SCHEDULE CONTAINS A BID ITEM FOR PAYMENT TO THE CONTRACTOR FOR PROVIDING RECORD DRAWINGS (AS-BUILTS) FOR THIS PROJECT. FINAL RETAINAGE FOR THE PROJECT WILL NOT BE RELEASED BY THE OWNER UNTIL THE RECORD DRAWINGS ARE DELIVERED TO THE ENGINEER IN AN ACCEPTABLE, LEGIBLE CONDITION.

J. WATERLINE

1. ALL TESTING SHALL BE IN COMPLIANCE WITH CURRENT TCEQ REGULATIONS, AND TECHNICAL SPECIFICATIONS.
2. ALL WATER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT TCEQ REGULATIONS, CHAPTER 290. SPECIFIC ATTENTION IS CALLED TO THE REQUIREMENTS REGARDING LOCATION OF WATERLINES, LOCATED IN SECTION 290.44, (e).
3. PIPE MATERIAL FOR 3" AND SMALLER WATER LINES SHALL BE DR-21 PVC, CLASS 200. PIPE MATERIAL FOR 4-INCH TO 12-INCH WATER LINES SHALL BE PVC, AWWA C900, CLASS 150, DR-18 OR CLASS 250 DUCTILE IRON PIPE. PIPE MATERIAL FOR 14-INCH AND LARGER WATER LINES SHALL BE PVC, AWWA C905, CLASS 150, DR-18 OR CLASS 250 DUCTILE IRON PIPE.
4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT A PLAN FOR TIE-INS AND FLUSHING FOR APPROVAL BY OWNER. SCHEDULE SHALL BE CONFIRMED WITH THE OWNER 48 HOURS PRIOR TO ACTIVITY.

K. UTILITY ABANDONMENT

1. IF UTILITIES ARE TO BE ABANDONED, CONTRACTOR SHALL LOCATE UTILITIES, CUT AND CAP AT REMOVAL LIMITS AND PLACE AND COMPACT LOW PI SELECT FILL MATERIAL.
2. CONTRACTOR SHALL CUT AND CAP EXISTING SERVICE CONNECTIONS TO BE RELOCATED SO THAT NO PIPE REMAINING IN THE GROUND IS "OPEN". METER BOXES AND METERS SHALL BE PRESENTED TO THE OWNER FOR SALVAGE.
3. VALVES TO BE ABANDONED IN PLACE SHALL HAVE VALVE RISER AND VALVE BOX REMOVED AND SURFACE RESTORED PER EMBEDMENT DETAIL FOR ROADWAY OR OUT OF ROADWAY CONDITIONS.
4. FIRE HYDRANTS SHALL BE REMOVED AT FITTING PRIOR TO HYDRANT. CONTRACTOR SHALL PRESENT FIRE HYDRANT TO THE OWNER FOR SALVAGE.
5. ABANDONMENT OF EXISTING MANHOLES SHALL CONSIST OF:
   A. REMOVING AND PROPERLY DISPOSING OF ALL DEBRIS WITHIN THE MANHOLE. CONTRACTOR SHALL NOT ALLOW DEBRIS TO WASH DOWNSTREAM.
   B. REMOVE AND DISPOSE OF GRADE RINGS, CONE SECTION AND CONCRETE STRUCTURE TO A POINT 3 FEET BELOW THE FINISHED GRADE.
   C. PLACE FLOWABLE FILL TO A POINT 3 FEET BELOW THE FINISHED SURFACE FOR INSTALLATION IN NATURAL GROUND OR TO THE LIMITS OF PROPOSED ASPHALT ROADWAY.

NO.	DATE	REVISION	BY

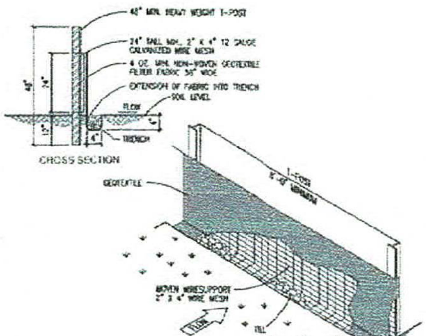
PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert, P.E.
APPROVED BY Ginger R. Tolbert
DATE 03/28/18

KPA
KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

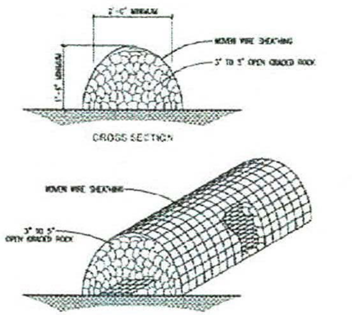
GENERAL
PROJECT NOTES

SHEET NO. G-03
OF 04



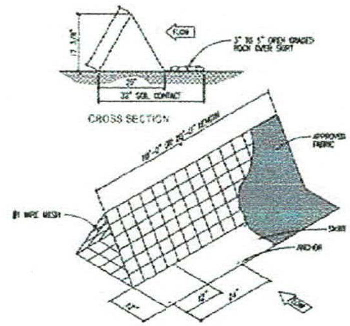
INSTALLATION:
- LAYOUT THE SILT FENCE FOLLOWING AS CLOSELY AS POSSIBLE TO THE CONTOUR.
- CLEAR THE GROUND OF DEBRIS, ROCKS, PLANTS (INCLUDING GRASSES TALLER THAN 2") TO PROVIDE A SMOOTH FLOW APPROACH SURFACE. EXCAVATE 4" DEEP X 4" WIDE TRENCH ON UPSTREAM SIDE OF FACE PER PLANS.
- DRIVE THE HEAVY DUTY T-POST AT LEAST 12 INCHES INTO THE GROUND AND AT A SLIGHT ANGLE TOWARDS THE FLOW.
- ATTACH THE 2" X 4" 12 GAUGE WELDED WIRE MESH TO THE T-POSTS WITH 11 1/2 GAUGE GALVANIZED T-POST CLIPS. THE TOP OF THE WIRE TO BE 24" ABOVE GROUND LEVEL. THE WELDED WIRE MESH TO BE OVERLAPPED 6" AND TIED AT LEAST 6 TIMES WITH HOG RINGS.
- SILT FENCE TO BE INSTALLED WITH A SKIRT A MINIMUM OF 11" WIDE PLACED ON THE UPHILL SIDE OF THE FENCE INSIDE EXCAVATED TRENCH. THE FABRIC TO OVERLAP THE TOP OF THE WIRE BY 1".
- ANCHOR THE SILT FENCE BY BACKFILLING WITH EXCAVATED DIRT AND ROCKS.
- GEOTEXTILE SPLICES SHOULD BE A MINIMUM OF 18" WIDE ATTACHED IN AT LEAST 6 PLACES. SPLICES IN CONCENTRATED FLOW AREAS WILL NOT BE ACCEPTED.

SILT FENCE



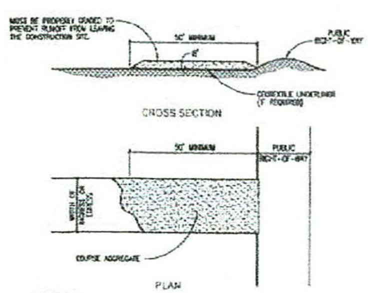
INSTALLATION:
- LAYOUT THE ROCK BERM FOLLOWING AS CLOSELY AS POSSIBLE TO THE CONTOUR.
- CLEAR THE GROUND OF DEBRIS, ROCKS OR PLANTS THAT WILL INTERFERE WITH INSTALLATION.
- PLACE WOVEN WIRE FABRIC ON THE GROUND ALONG THE PROPOSED INSTALLATION WITH ENOUGH OVERLAP TO COMPLETELY ENCIRCLE THE FINISHED SIZE OF THE BERM.
- PLACE THE ROCK ALONG THE CENTER OF THE WIRE TO THE DESIGNATED HEIGHT.
- WRAP THE STRUCTURE WITH THE PREVIOUSLY PLACED WIRE MESH SECURE ENOUGH SO THAT WHEN WALKED ACROSS THE STRUCTURE RETAINS IT'S SHAPE.
- SECURE WITH TIE WIRE.

ROCK BERM



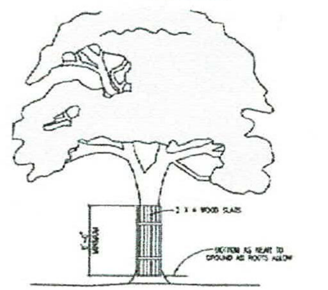
INSTALLATION:
- LAYOUT THE FILTER DIKE FOLLOWING AS CLOSELY AS POSSIBLE TO THE CONTOUR.
- CLEAR THE GROUND OF DEBRIS, ROCKS OF PLANTS THAT WILL INTERFERE WITH INSTALLATION.
- PLACE THE FILTER DIKE SECTIONS ONE AT A TIME, WITH THE SKIRT ON THE UPHILL SIDE, TOWARD THE DIRECTION OF FLOW, ANCHORING EACH SECTION TO THE GROUND BEFORE THE NEXT SECTION IS PLACED.
- ANCHORS SHOULD BE PLACED ON 2'-0" CENTERS ALTERNATING FROM FRONT TO BACK SO THAT THERE IS ACTUALLY ONLY 1'-0" IN BETWEEN ANCHORS.
- SECURELY FASTEN THE SKIRT FROM ONE SECTION OF FILTER DIKE TO THE NEXT.
- FILTER DIKES MUST MAINTAIN CONTINUOUS CONTACT WITH THE GROUND.

TRIANGULAR FILTER DIKE



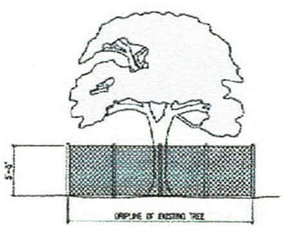
INSTALLATION:
- CLEAR THE AREA OF DEBRIS, ROCKS OR PLANTS THAT WILL INTERFERE WITH INSTALLATION.
- GRADE THE AREA FOR THE ENTRANCE TO FLOW BACK ON TO THE CONSTRUCTION SITE. RUNOFF FROM THE STABILIZED CONSTRUCTION ENTRANCE ONTO A PUBLIC STREET WILL NOT BE ACCEPTED.
- PLACE GEOTEXTILE FABRIC IF REQUIRED.
- PLACE ROCK AS REQUIRED.
- ROCK SIZE - 3 TO 5 INCHES OPEN GRADED ROCK.

STABILIZED CONSTRUCTION ENTRANCE



NOTES:
1. WHERE ANY EXCEPTIONS RESULT IN A FENCE BEING CLOSER THAN FOUR FEET (4'-0") TO A TREE TRUNK PROTECT THE TRUNK WITH STRAPPED-ON-PLANKING TO A HEIGHT OF EIGHT FEET (8'-0"), OR TO THE LIMITS OF LOWER BRANCHING IN ADDITION TO THE REDUCED FENCING PROVIDED.
2. ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREAS WITH GOOD QUALITY TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN TWO (2) DAYS, COVER THEM WITH ORGANIC MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE, AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
3. PRIOR EXCAVATION OR GRADE CUTTING WITHIN TREE DRIPLINE, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT, TO MINIMIZE DAMAGE TO REMAINING ROOTS.
4. TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES SHOULD BE WATERED DEEPLY ONCE A WEEK DURING PERIODS OF HOT, DRY WEATHER. TREE CROWNS SHOULD BE SPRAYED WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
5. ANY TRENCHING REQUIRED FOR THE INSTALLATION OF LANDSCAPE IRRIGATION SHALL BE PLACED AS FAR FROM EXISTING TREE TRUNKS AS POSSIBLE.
6. NO LANDSCAPE TOPSOIL DRESSING GREATER THAN FOUR INCHES (4") SHALL BE PERMITTED WITHIN THE DRIPLINE OF A TREE. NO SOIL IS PERMITTED ON THE ROOT FLARE OF ANY TREE.
7. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC AND EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS.

TREE PROTECTION - WOOD SLATS



NOTES:
1. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING).
2. FENCES SHALL COMPLETELY SURROUND THE TREE, OR CLUSTERS OF TREES; WILL BE LOCATED AT THE OUTERMOST LIMIT OF THE TREE BRANCHES (DRIPLINE), AND WILL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT IN ORDER TO PREVENT THE FOLLOWING:
   A. SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MATERIALS.
   B. ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN SIX INCHES (6") CUT OR FILL OR TRENCHING NOT REVIEWED AND AUTHORIZED BY THE CITY.
   C. WOUNDS TO EXPOSED ROOTS, TRUNKS OR LIMBS BY MECHANICAL EQUIPMENT.
   D. OTHER ACTIVITIES DETRIMENTAL TO TREES, SUCH AS CHEMICAL STORAGE, CEMENT TRUCK CLEANING AND FIRE.
3. EXCEPTIONS TO INSTALLING FENCES AT TREE DRIPLINES MAY BE PERMITTED IN THE FOLLOWING CASES:
   A. WHERE PERMEABLE PAVING IS TO BE INSTALLED, ERECT THE FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING AREA.
   B. WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE NO CLOSER THAN SIX FEET (6'-0") TO BUILDING.

TREE PROTECTION - CHAIN LINK FENCE

EROSION/SEDIMENTATION AND TREE PROTECTION NOTES

1. CONTRACTOR TO INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, GRADING OR EXCAVATION). CONTRACTOR TO REMOVE EROSION/SEDIMENTATION CONTROLS AT THE COMPLETION OF PROJECT AND GRASS RESTORATION.
2. PLACEMENT OF EROSION/SEDIMENTATION CONTROLS TO BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN AND WATER POLLUTION ABATEMENT PLAN. DEVIATIONS FROM THE APPROVED PLAN MUST BE SUBMITTED TO AND APPROVED BY THE OWNER'S REPRESENTATIVE.
3. ALL DISTURBED AREAS TO BE RESTORED AS NOTED IN THE WATER POLLUTION ABATEMENT PLAN.
4. SEEDING FOR EROSION CONTROL TO BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS:
   FROM SEPTEMBER 15 TO MARCH 1, SEEDING TO BE WITH A COMBINATION OF 2 POUNDS PER 1,000 SQUARE FEET OF UNHULLED BERMUDA AND 2 POUNDS PER 1,000 SQUARE FEET OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.
   FROM MARCH 2, TO SEPTEMBER 14, SEEDING TO BE WITH HULLED BERMUDA GRASS (CYNODON DACTYLON) AT A RATE OF 2 POUNDS PER 1,000 SQUARE FEET WITH A PURITY OF 95% WITH 85% GERMINATION.
5. PLANTED AREAS SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF FOUR (4) INCHES. IRRIGATION TO OCCUR AT 10-DAY INTERVALS DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF 1/2 INCH OR GREATER TO POSTPONE THE WATERING SCHEDULE ONE WEEK.
6. RESTORATION TO BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1-1/2 INCHES HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 25 SQUARE FEET EXIST.
7. A MINIMUM OF FOUR (4) INCHES OF TOPSOIL TO BE PLACED IN ALL AREAS DISTURBED BY CONSTRUCTION.
8. CONTRACTOR TO HYDROMULCH OR SOD (AS SHOWN ON PLANS) ALL EXPOSED CUTS AND FILLS UPON COMPLETION OF CONSTRUCTION, EXCEPT WHERE CUTS ARE MADE IN SOLID ROCK.
9. EROSION AND SEDIMENTATION CONTROLS TO BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILDUP WITHIN TREE DRIPLINE.
10. TO AVOID SOIL COMPACTION, CONTRACTOR SHALL NOT ALLOW VEHICULAR TRAFFIC, PARKING, OR STORAGE OF EQUIPMENT OR MATERIALS IN THE TREE DRIPLINE AREAS.
11. WHERE A FENCE IS CLOSER THAN FOUR (4) FEET TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF EIGHT (8) FEET (OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE FENCING.
12. TREES TO BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.
13. ANY ROOT EXPOSED BY CONSTRUCTION ACTIVITY TO BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREAS WITH GOOD QUALITY TOPSOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN TWO DAYS, COVER THEM WITH ORGANIC MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
14. CONTRACTOR TO PRUNE VEGETATION TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC AND EQUIPMENT BEFORE DAMAGE OCCURS (RIPPING OF BRANCHES, ETC.). ALL FINISHED PRUNING TO BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE "NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES").
15. CONTRACTOR IS TO INSPECT THE CONTROLS AT WEEKLY INTERVALS AND AFTER EVERY RAINFALL EXCEEDING 1/2 INCH TO VERIFY THAT THEY HAVE NOT BEEN SIGNIFICANTLY DISTURBED. ANY ACCUMULATED SEDIMENT AFTER A SIGNIFICANT RAINFALL TO BE REMOVED AND PLACED IN THE OWNER DESIGNATED SPOIL DISPOSAL SITE. CONTRACTOR TO CONDUCT PERIODIC INSPECTIONS OF ALL EROSION/SEDIMENTATION CONTROLS AND TO MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO ASSURE CONTINUED EFFECTIVE OPERATION OF EACH DEVICE.
16. WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACE, TREE WELL, OR OTHER SUCH SITE DEVELOPMENT IMMEDIATELY ADJACENT TO A PROTECTED TREE, ERECT THE FENCE APPROXIMATELY TWO TO FOUR FEET (2'-4') BEHIND THE AREA IN QUESTION.
17. NO ABOVE AND/OR BELOW GROUND TEMPORARY FUEL STORAGE FACILITIES TO BE STORED ON THE PROJECT SITE.
18. IF EROSION AND SEDIMENTATION CONTROL SYSTEMS ARE EXISTING FROM PRIOR CONTRACTS, OWNER'S REPRESENTATIVE AND THE CONTRACTOR TO EXAMINE THE EXISTING EROSION AND SEDIMENTATION CONTROL SYSTEMS FOR DAMAGE PRIOR TO CONSTRUCTION. ANY DAMAGE TO PREEXISTING EROSION AND SEDIMENTATION CONTROLS NOTED TO BE REPAIRED AT OWNER'S EXPENSE.
19. INTENTIONAL RELEASE OF VEHICLE OR EQUIPMENT FLUIDS ONTO THE GROUND IS NOT ALLOWED. CONTAMINATED SOIL RESULTING FROM ACCIDENTAL SPILL TO BE REMOVED AND DISPOSED OF PROPERLY.

NO	DATE	REVISION	BY

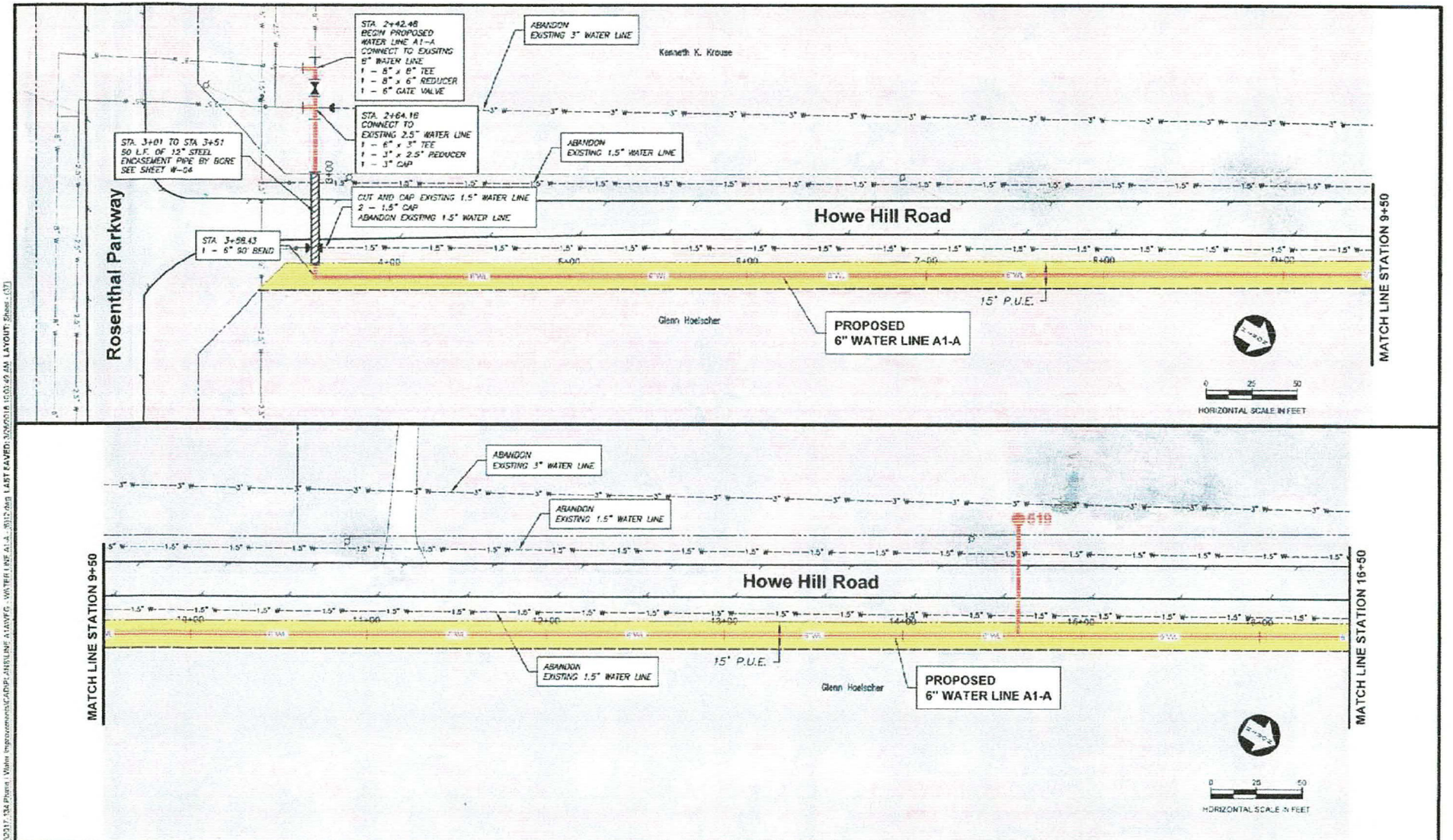
PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Roger R. Tolbert P.E.
APPROVED BY [signature] 3/28/18
DATE

KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

GENERAL
EROSION

SHEET NO. G-04
OF 04



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:24:07 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY: Jones Chandler
DESIGNED BY: Roger B. Tolbert, P.E.
APPROVED BY:
DATE: 3/28/18

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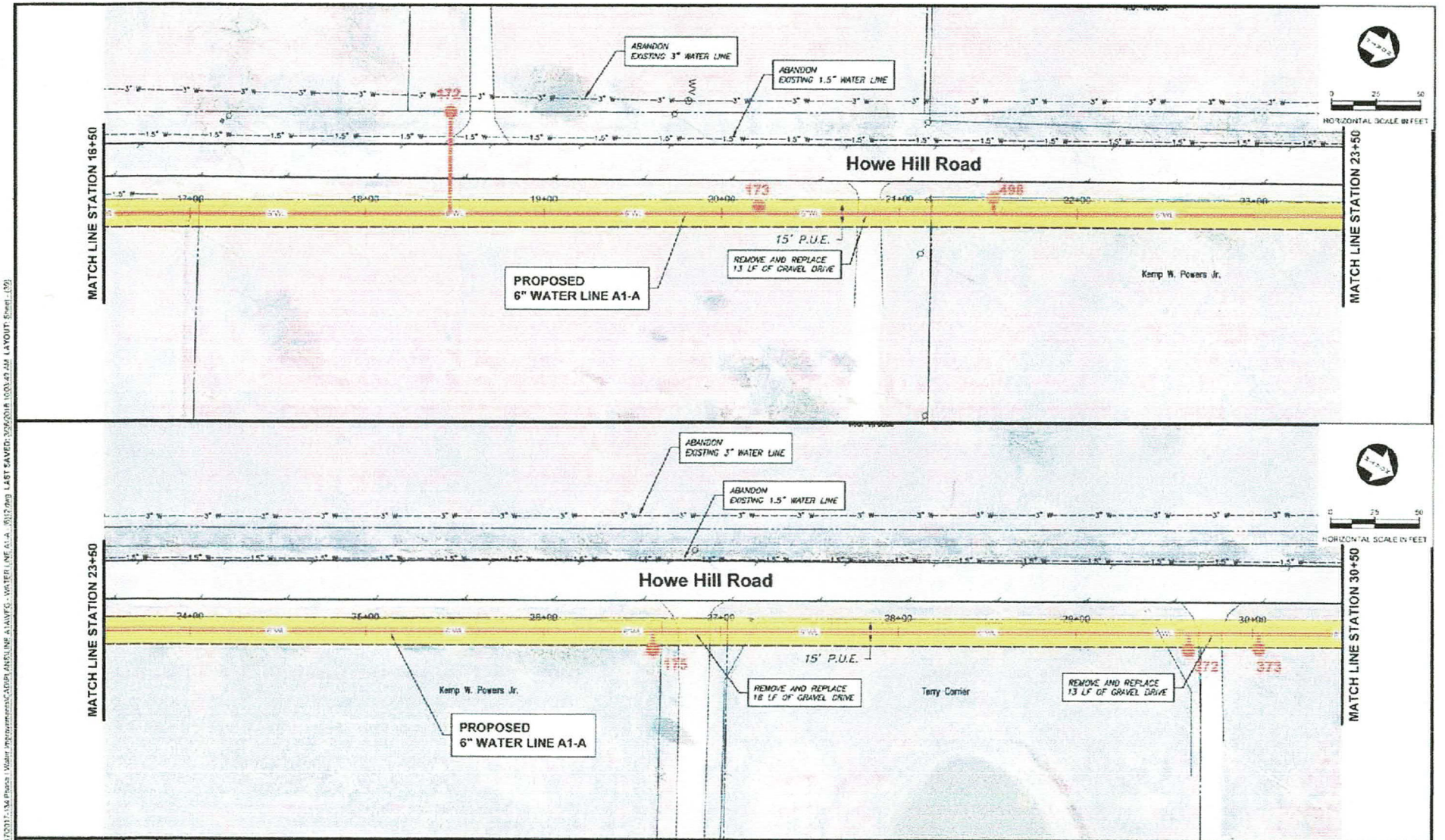
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A1-A
STA. 1+00 TO STA. 16+50

SHEET NO. W-01
OF 32



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:24:26 AM
Plotted By: JCHANDLER

PROJECT NO 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Casper R. Tolbert, P.E.
APPROVED BY
DATE 3/28/18

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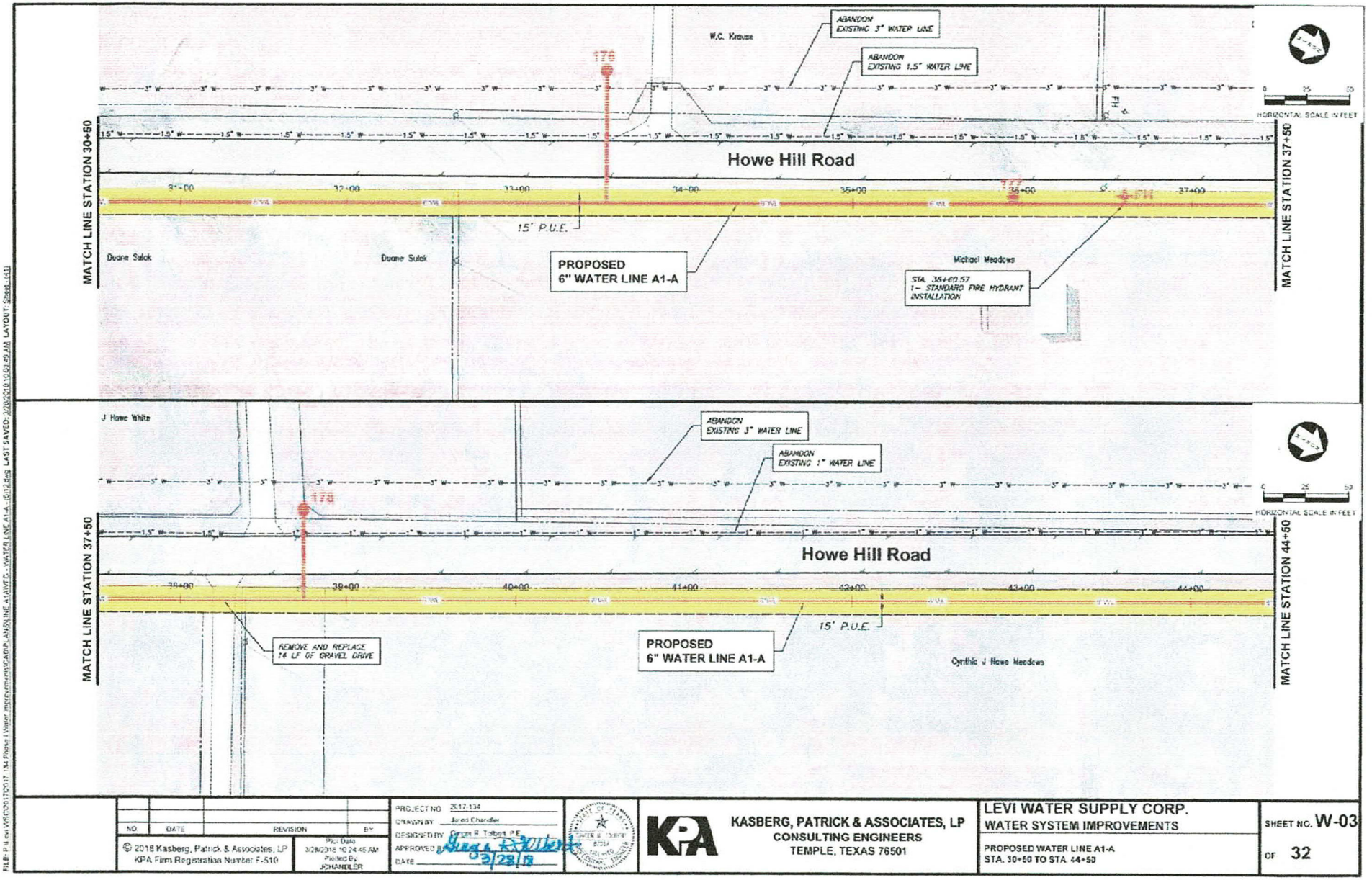
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A1-A
STA. 16+50 TO STA. 30+50

SHEET NO. W-02
OF 32



NO.	DATE	REVISION	BY

Plot Date: 3/28/2018 10:24:45 AM
Plotted By: JOHANDLER

PROJECT NO. 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Cooper R. Talbert, P.E.
APPROVED BY: Bruce R. Patrick
DATE: 03/28/18

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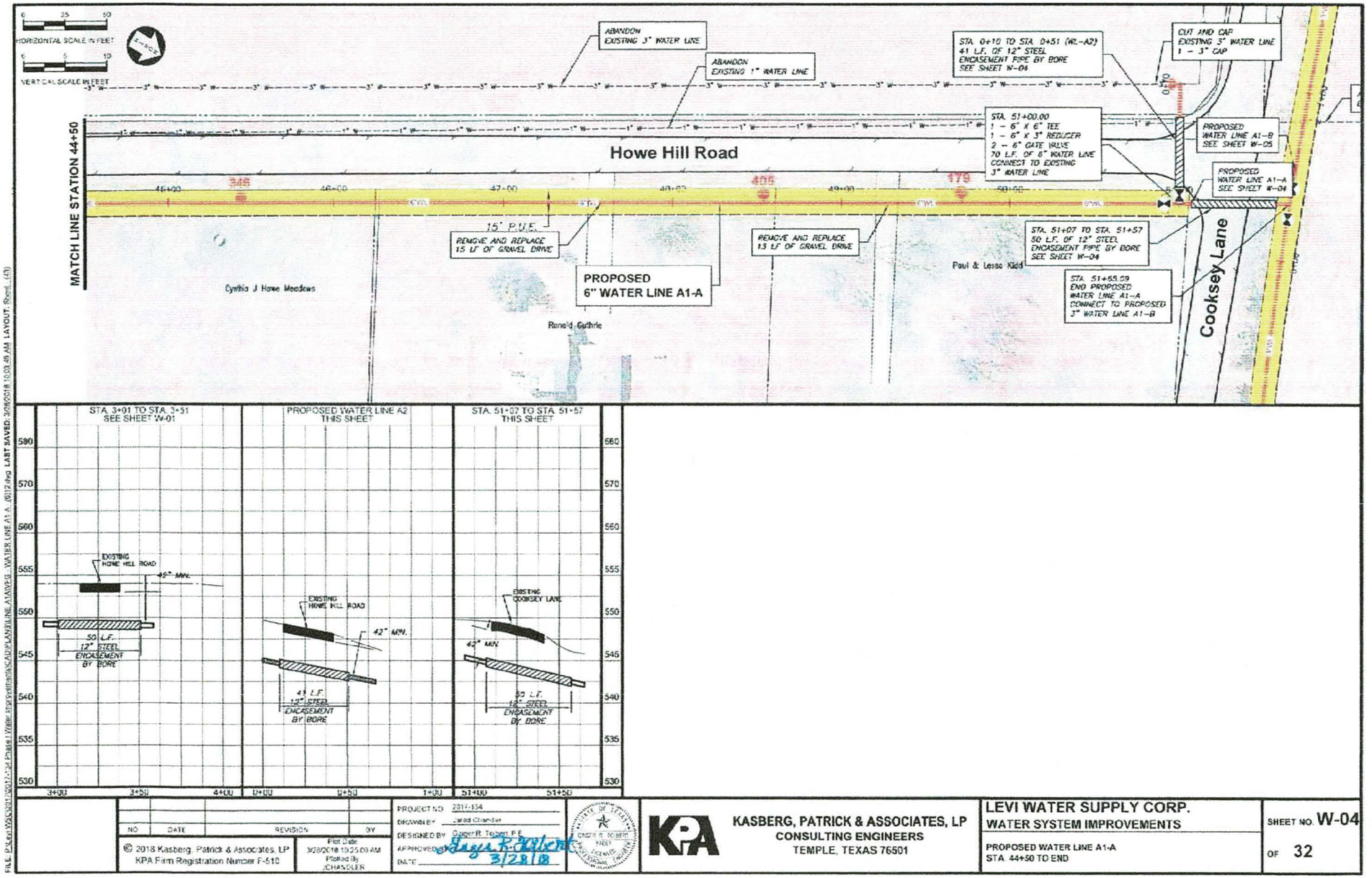
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS
PROPOSED WATER LINE A1-A
STA. 30+50 TO STA. 44+50

SHEET NO. W-03
OF 32



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:03:00 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Cooper R. Tolbert P.E.
APPROVED BY: Cooper R. Tolbert P.E.
DATE: 3/28/18

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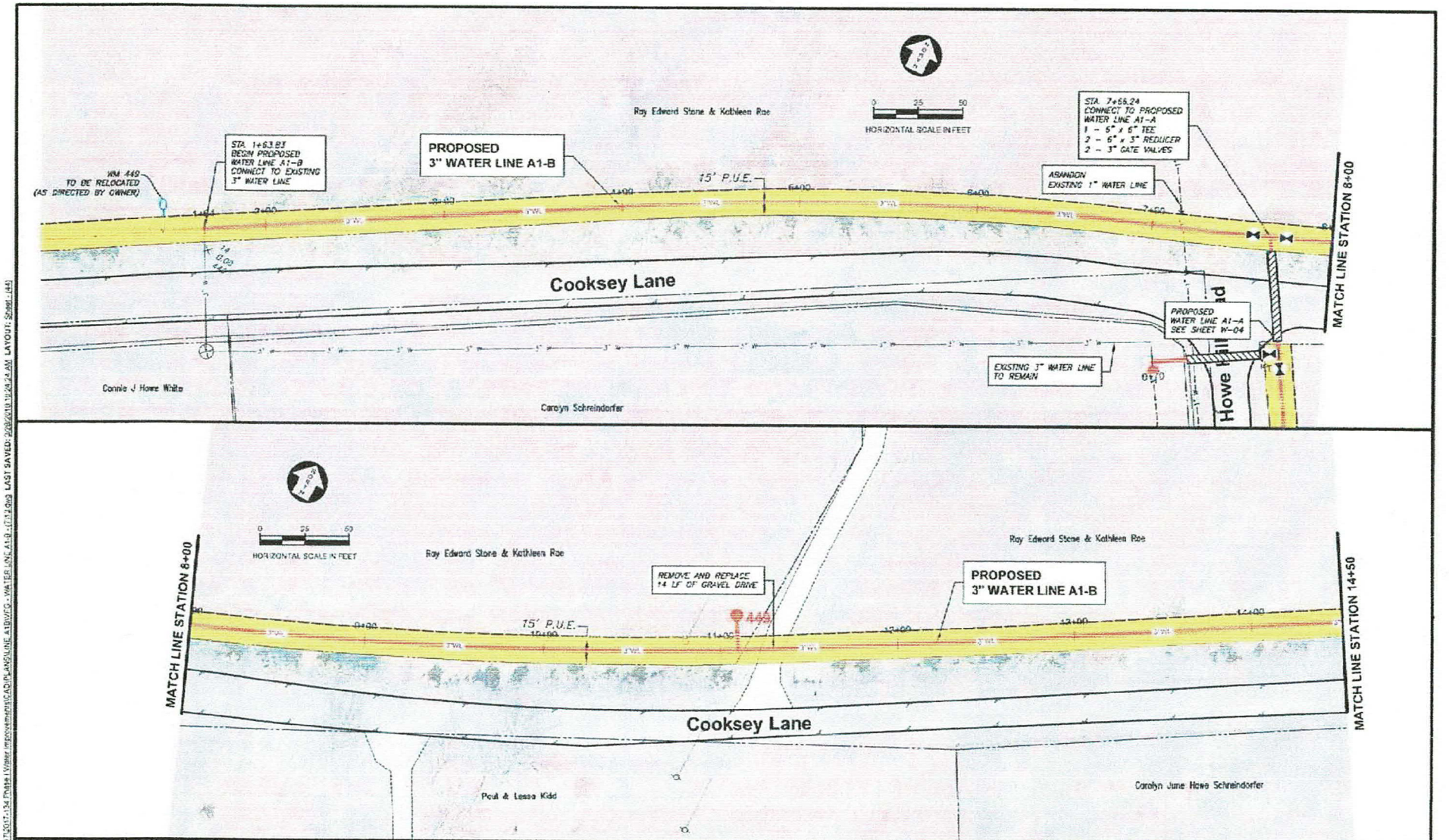
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A1-A
STA. 44+50 TO END

SHEET NO. W-04
OF 32



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:25:34 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Roger R. Talbert, P.E.
APPROVED BY: Roger R. Talbert
DATE: 3/28/18

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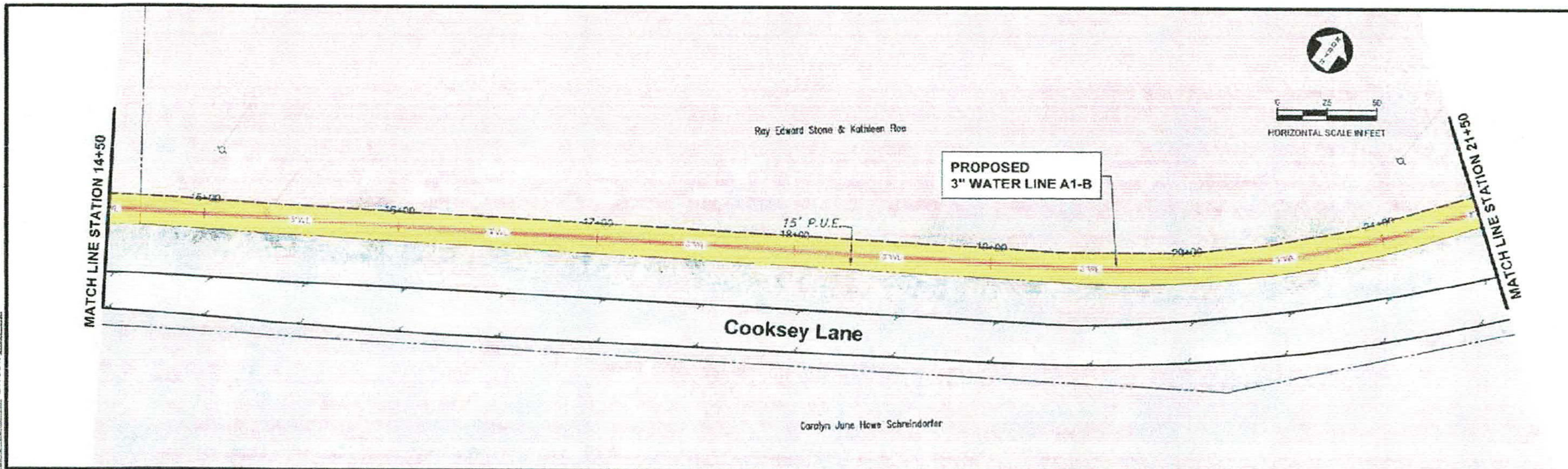
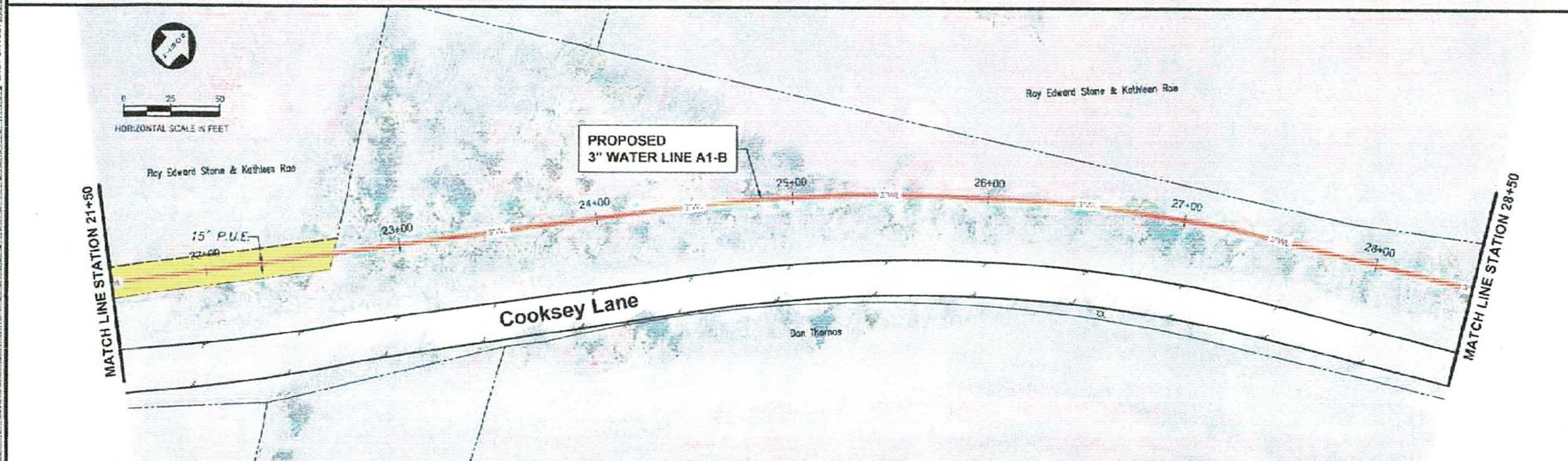
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS
PROPOSED WATER LINE A1-B
STA. 1+00 TO STA. 14+50

SHEET NO. W-05
OF 32





NO	DATE	REVISION	BY

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KPA Firm Registration Number F-510

Plot Date 3/28/2018 10:25:58 AM
Plotted By JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert, P.E.
APPROVED BY Ginger R. Tolbert
DATE 3/28/18

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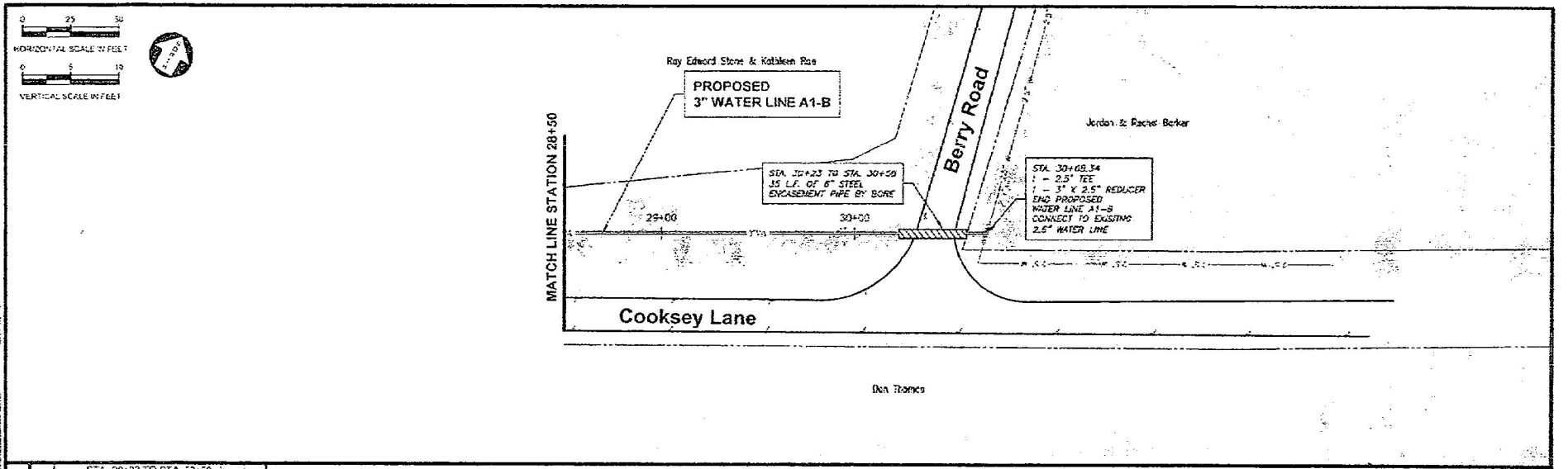
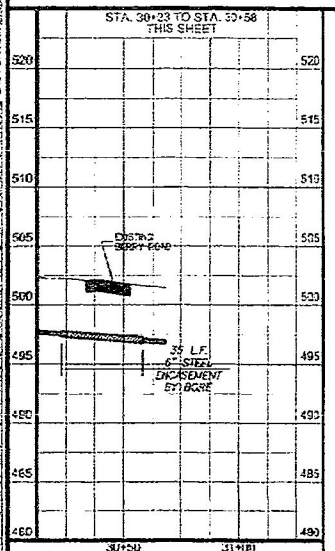
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A1-B
STA. 14+50 TO STA. 28+50

SHEET NO. W-06
OF 32





NO	DATE	REVISION	BY

Plot Date
3/29/2018 10:29:06 AM
Plotted By
JCHANDLER

PROJECT NO 2017-154
DRAWN BY Jaime Chandler
DESIGNED BY Steven R. Tolbert, P.E.
APPROVED BY Steven R. Tolbert
DATE 3/29/18

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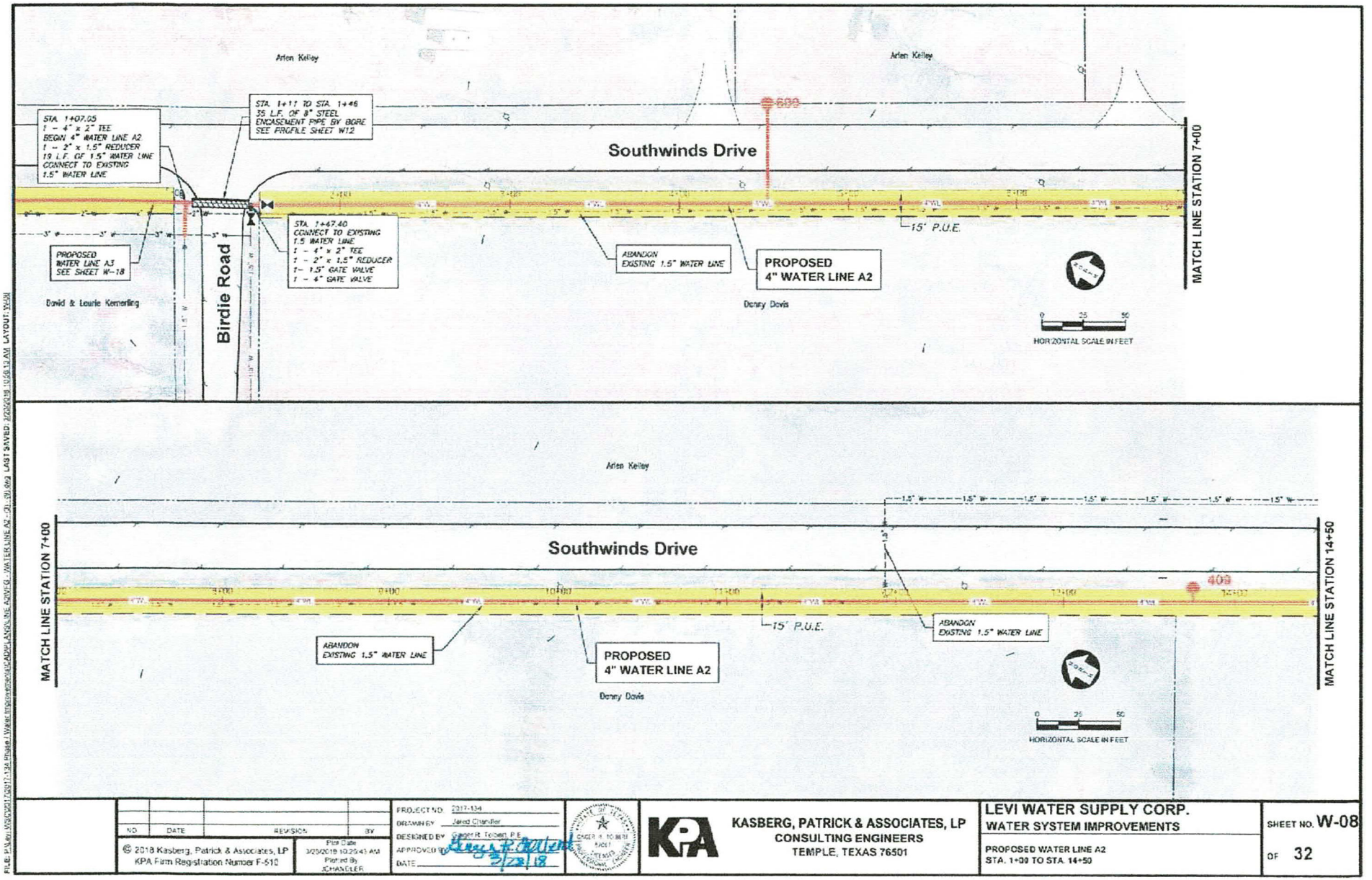
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A1-B
STA. 28+50 TO END

SHEET NO. W-07
OF 32



NO	DATE	REVISION	BY

Plot Date
3/29/2018 10:29:43 AM
Plotted By
JCHANDLER

PROJECT NO 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Roger R. Tobler, P.E.
APPROVED BY
DATE 3/22/18

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LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A2
STA. 1+00 TO STA. 14+50

SHEET NO. W-08
OF 32

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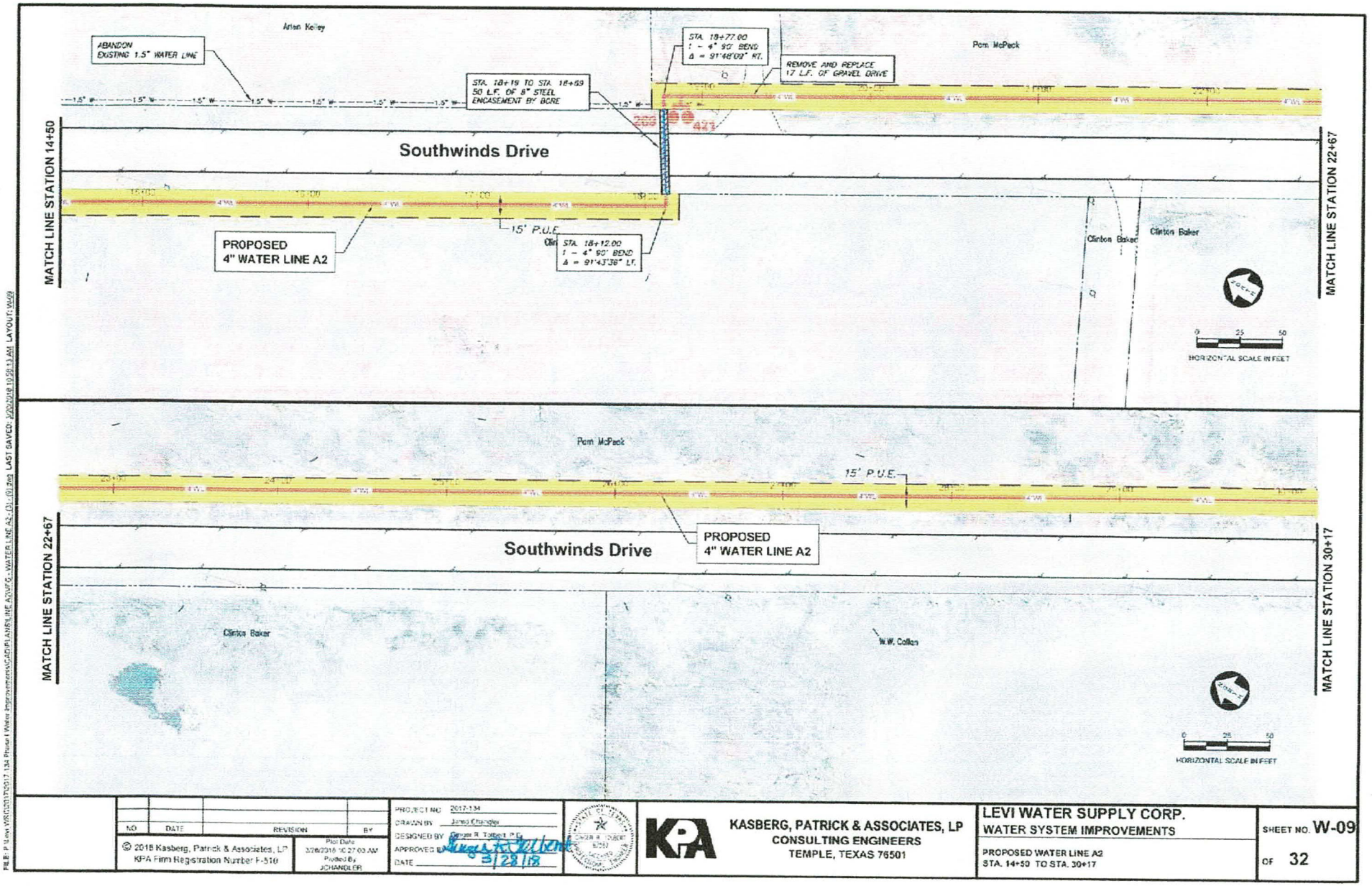

NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:27:03 AM
Plotted By: JCHANDLER

PROJECT NO: 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Roger R. Talbert, P.E.
APPROVED BY: [signature]
DATE: 3/28/18

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LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS
PROPOSED WATER LINE A2
STA. 14+50 TO STA. 30+17

SHEET NO. W-09
OF 32

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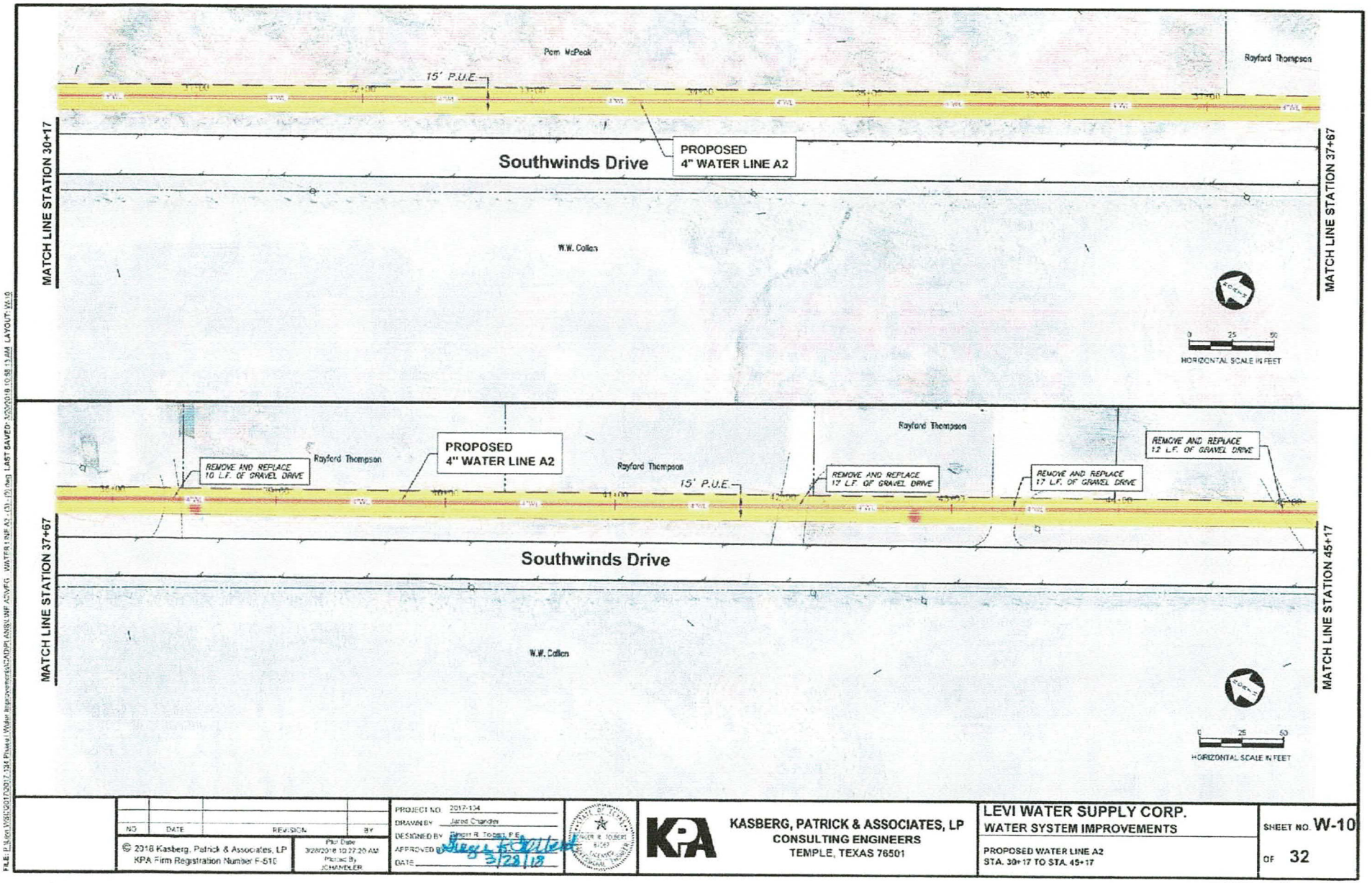

NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:27:20 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Robert R. Tobert, P.E.
APPROVED Robert R. Tobert 3/29/18
DATE

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LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS
PROPOSED WATER LINE A2
STA. 30+17 TO STA. 45+17

SHEET NO. W-10
OF 32

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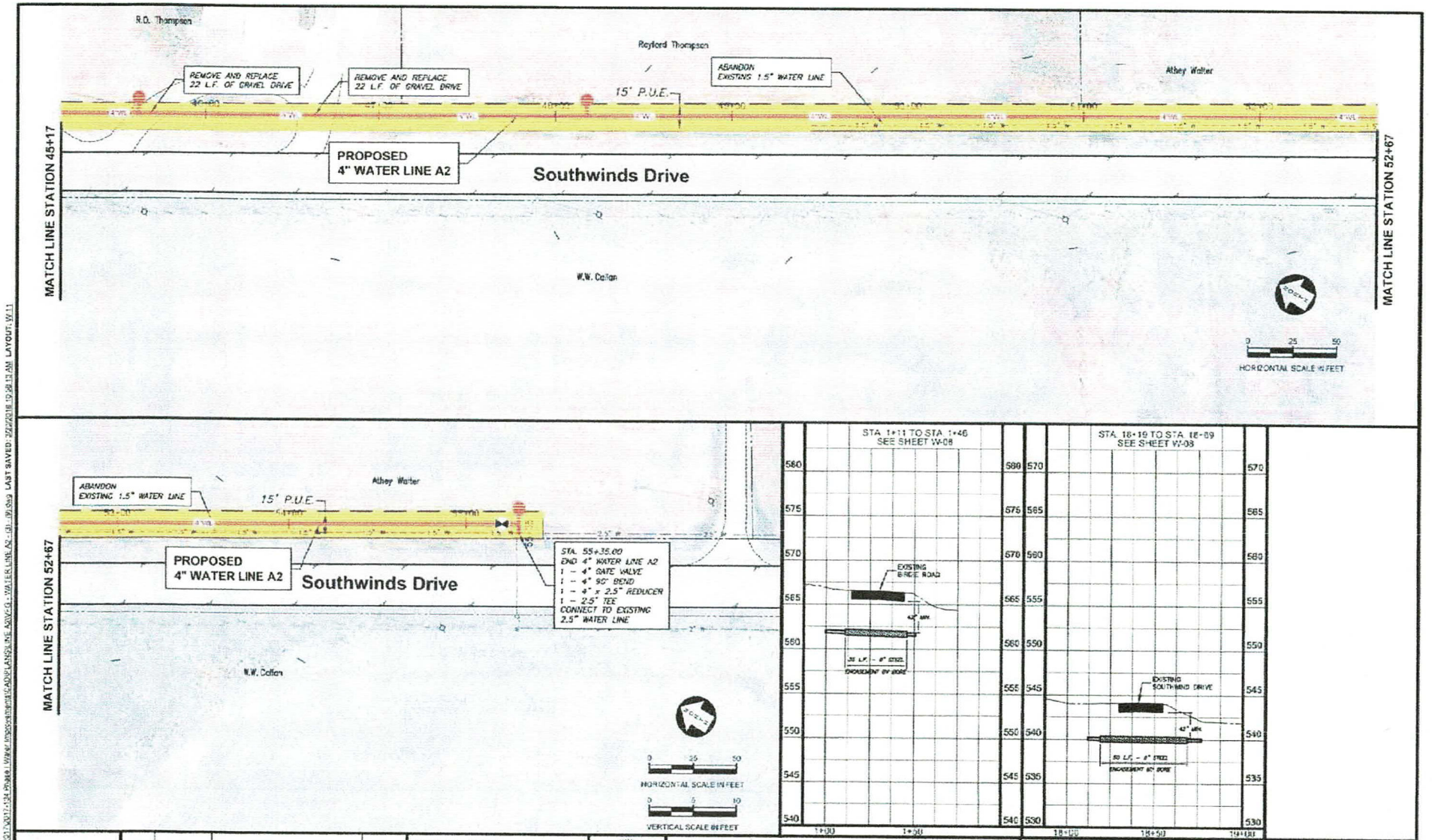

NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:27:39 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Roger R. Tolbert, P.E.
APPROVED BY: Roger R. Tolbert
DATE: 3/28/18

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LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A2
STA. 45+17 TO END

SHEET NO. W-11
OF 32

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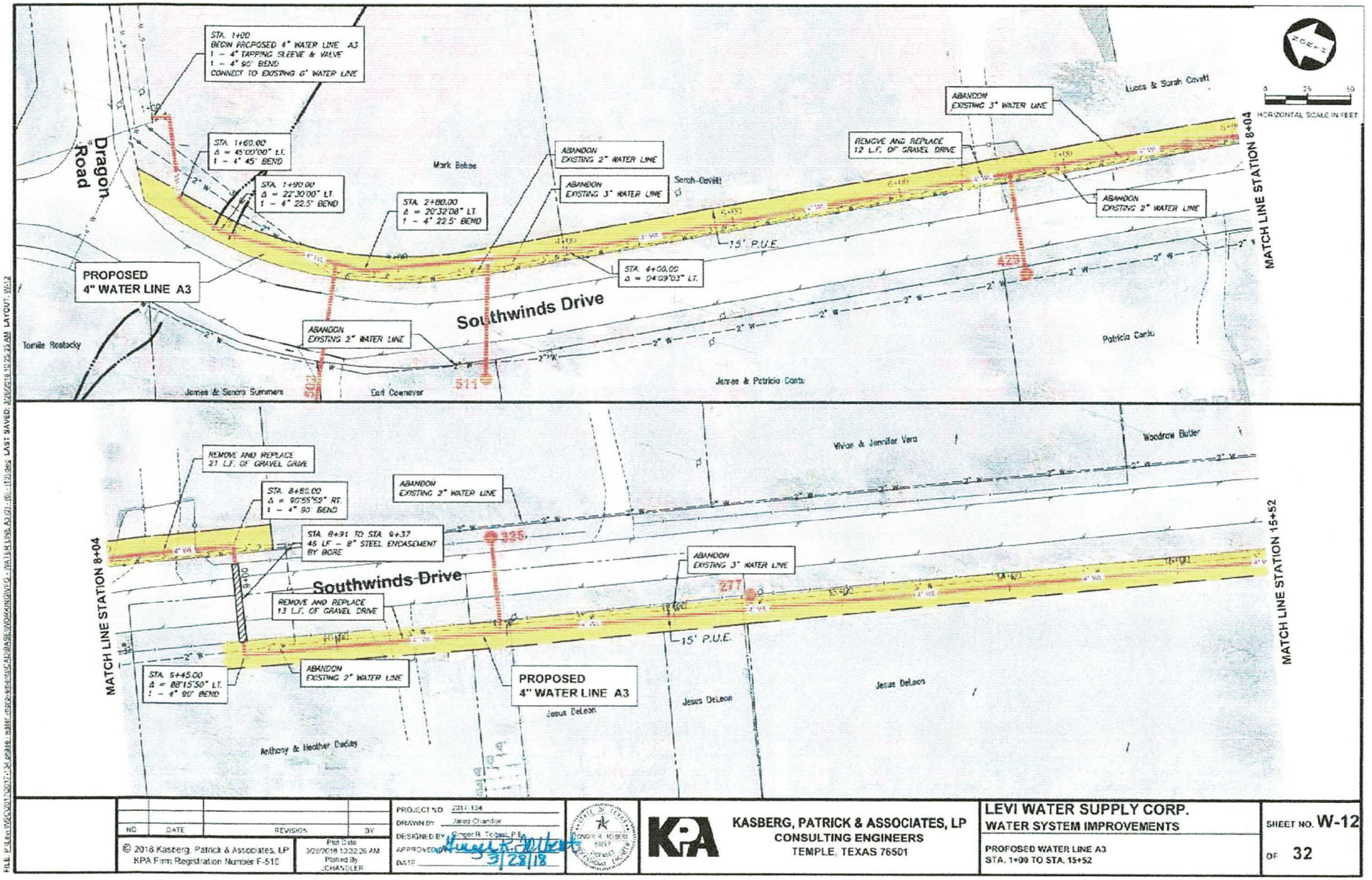

NO.	DATE	REVISION	BY

Plot Date
3/28/2018 10:32:26 AM
Plotted By
JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Roger R. Tobert, P.E.
APPROVED Roger R. Tobert
DATE 3/28/18

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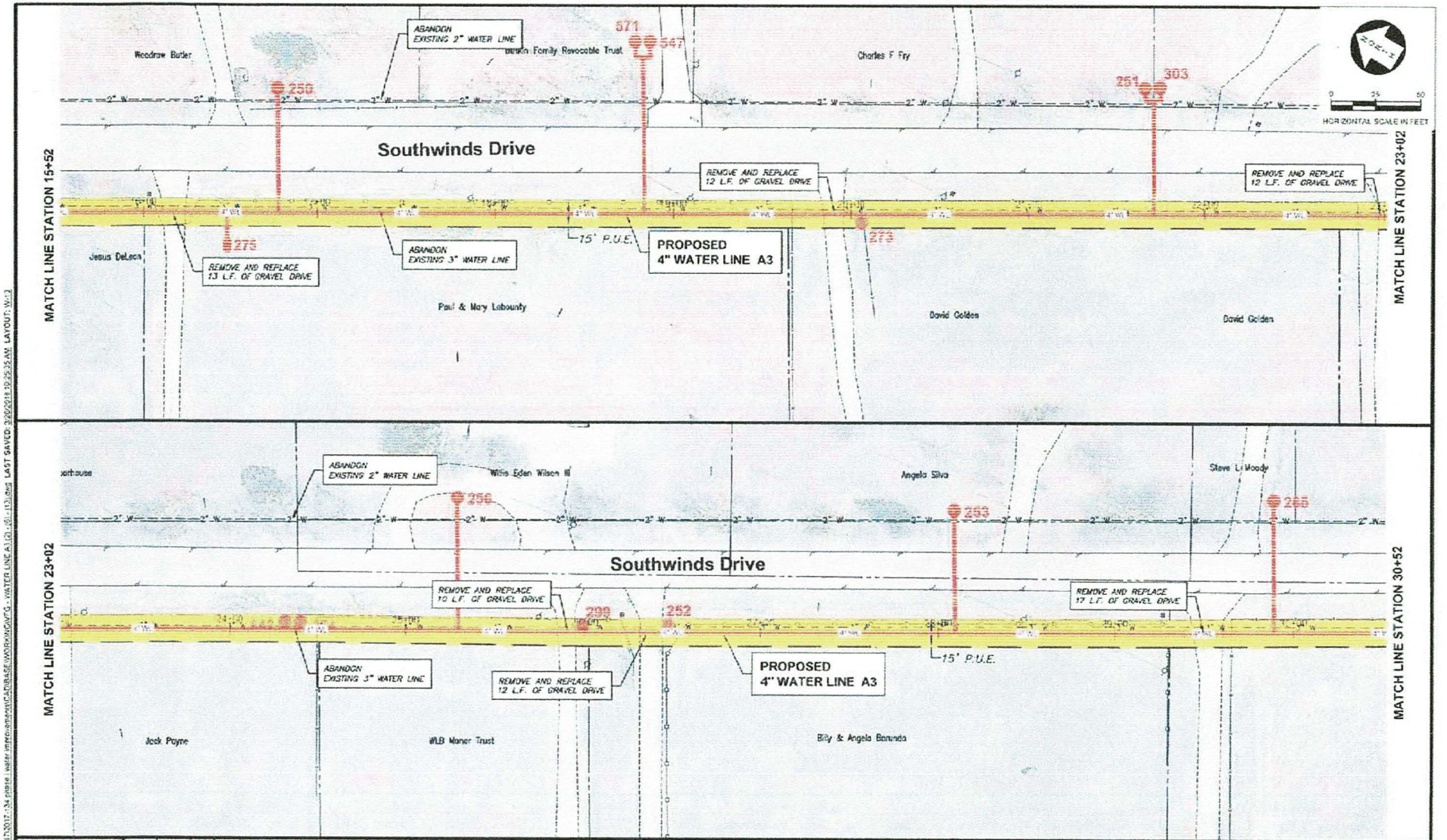
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A3
STA. 1+00 TO STA. 15+52

SHEET NO. W-12
OF 32



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:32:45 AM
Plotted By: JCHANDLER

PROJECT NO: 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Grant R. Talbert, P.E.
APPROVED BY: Grant R. Talbert
DATE: 3/28/18

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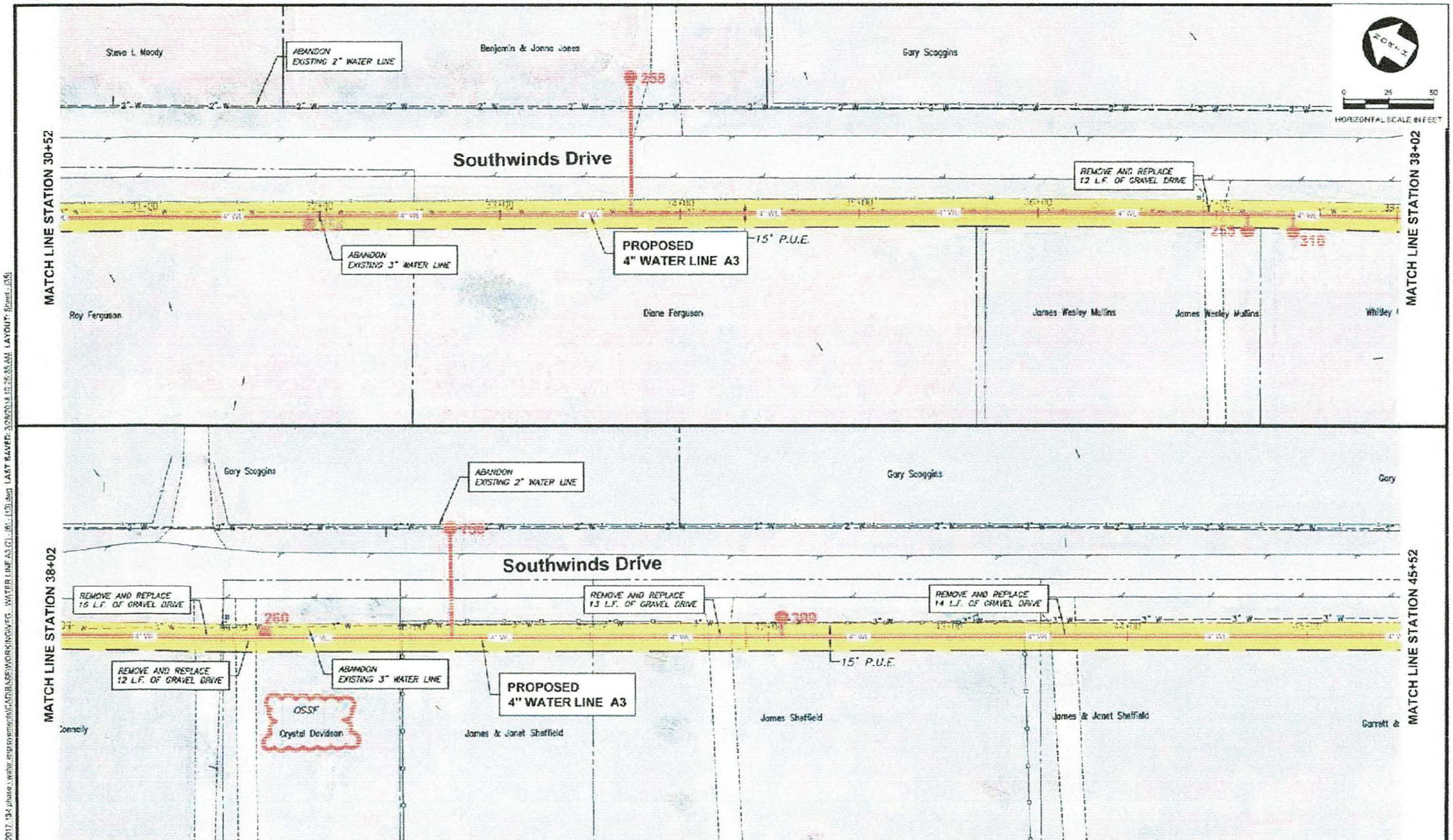
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A3
STA. 15+52 TO STA. 30+52

SHEET NO. W-13
OF 32

FILE: P:\Jobs\2017\2017-134 Levi\water improvements\CAD\BASE\WORKING\WTG - WATER LINE A1 (2) - (2) - (13).dwg LAST SAVED: 3/28/2018 10:29:35 AM LAYOUT: W-13



MATCH LINE STATION 30+52
MATCH LINE STATION 38+02
HORIZONTAL SCALE IN FEET
0 25 50
Steve L. Moody
ABANDON EXISTING 2" WATER LINE
Benjamin & Jonna Jones
Gary Scoggins
Southwinds Drive
REMOVE AND REPLACE 12 L.F. OF GRAVEL DRIVE
ABANDON EXISTING 3" WATER LINE
PROPOSED 4" WATER LINE A3
15' P.U.E.
Roy Ferguson
Diane Ferguson
James Wesley Mullins
James Wesley Mullins
MATCH LINE STATION 38+02
MATCH LINE STATION 45+52
Gary Scoggins
ABANDON EXISTING 2" WATER LINE
Gary Scoggins
Gary
Southwinds Drive
REMOVE AND REPLACE 15 L.F. OF GRAVEL DRIVE
REMOVE AND REPLACE 13 L.F. OF GRAVEL DRIVE
REMOVE AND REPLACE 14 L.F. OF GRAVEL DRIVE
REMOVE AND REPLACE 12 L.F. OF GRAVEL DRIVE
ABANDON EXISTING 3" WATER LINE
PROPOSED 4" WATER LINE A3
15' P.U.E.
OSSF
Crystal Davidson
James & Janet Sheffield
James Sheffield
James & Janet Sheffield

NO.	DATE	REVISION	BY

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KPA Firm Registration Number F-510

Plot Date 3/28/2018 10:33:05 AM
Plotted By JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert P.E.
APPROVED BY
DATE 3/23/18

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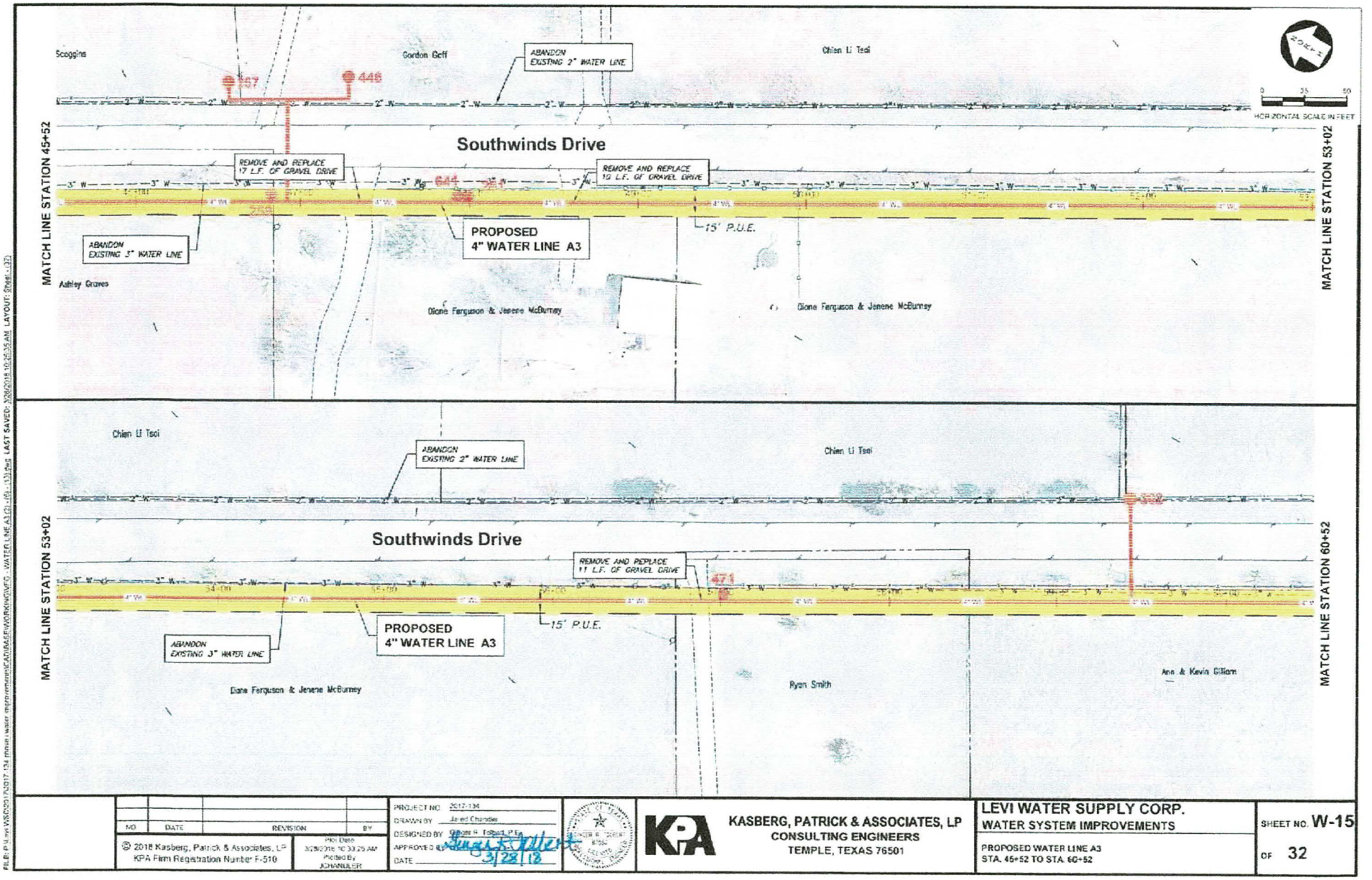
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A3
STA. 30+52 TO STA. 45+52

SHEET NO. W-14
OF 32



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:33:25 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Glenn R. Tebbe, LP.E.
APPROVED BY: Glenn R. Tebbe
DATE: 3/22/18

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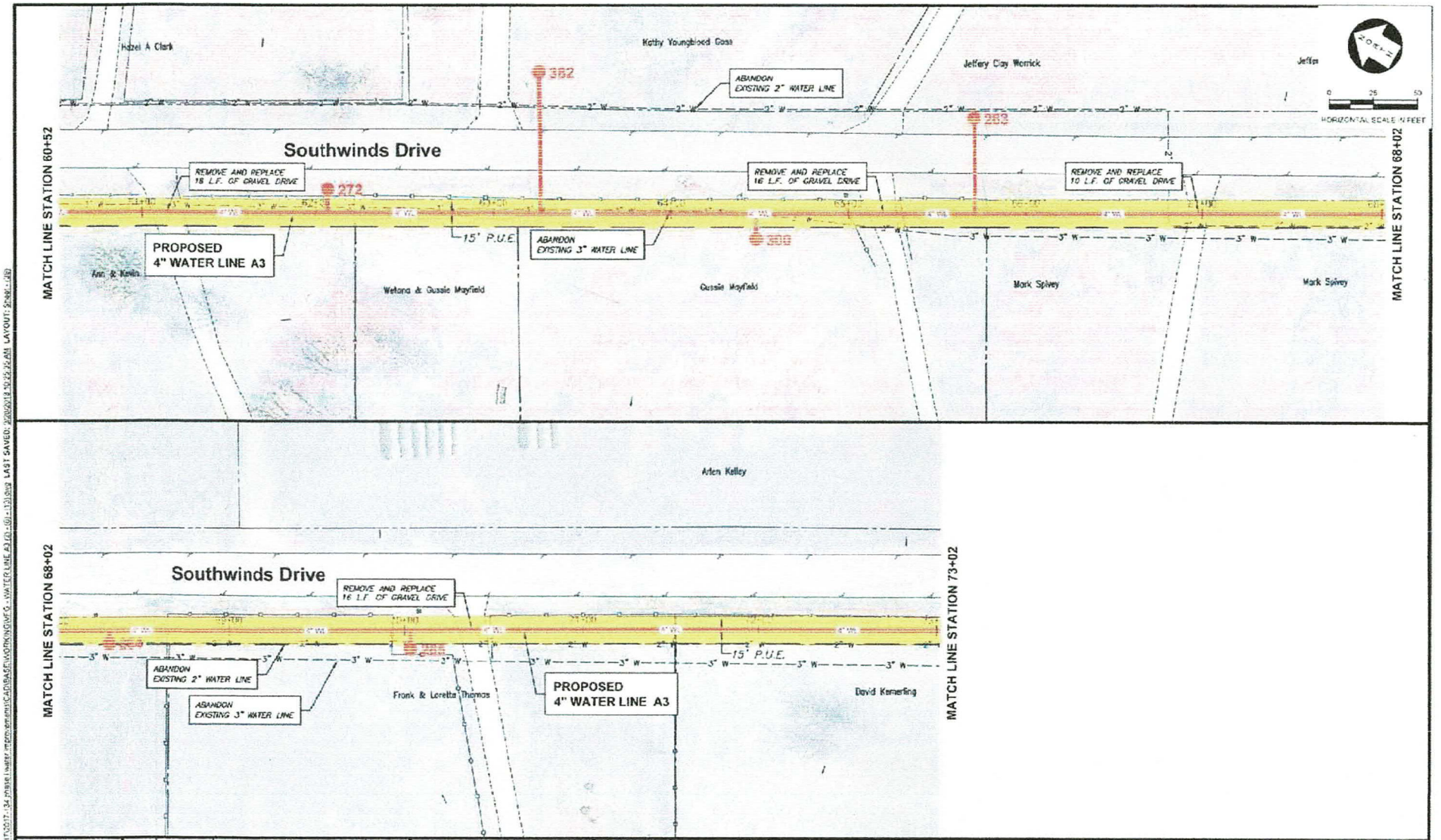
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A3
STA. 45+52 TO STA. 60+52

SHEET NO. W-15
OF 32



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:33:45 AM
Plotted By: JCHANDLER

PROJECT NO. 2017.134
DRAWN BY: Jared Chandler
DESIGNED BY: Ginger R. Tolbert, P.E.
APPROVED BY: Ginger R. Tolbert
DATE: 3/28/18

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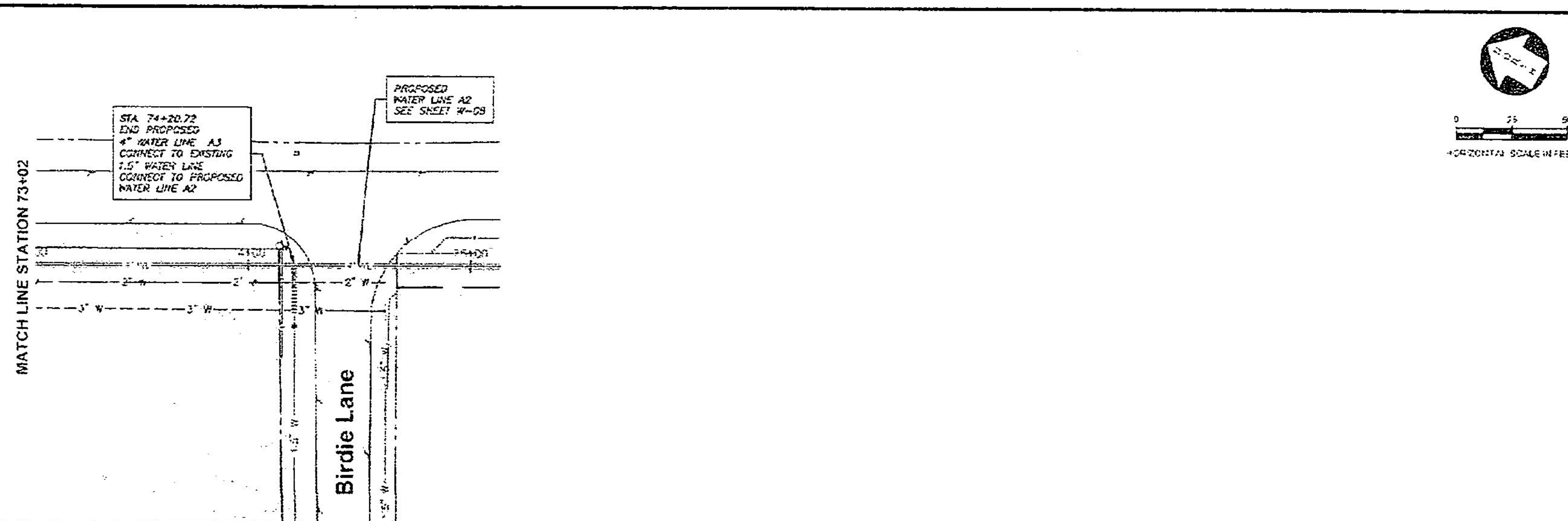
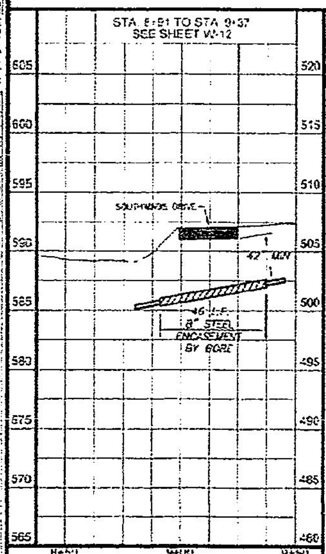
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A3
STA. 60+52 TO STA. 73+02

SHEET NO. W-16
OF 32





NO	DATE	REVISION	BY

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KPA Firm Registration Number F-510

PROJECT NO.
DRAWN BY
DESIGNED BY
APPROVED BY
DATE 3/28/18

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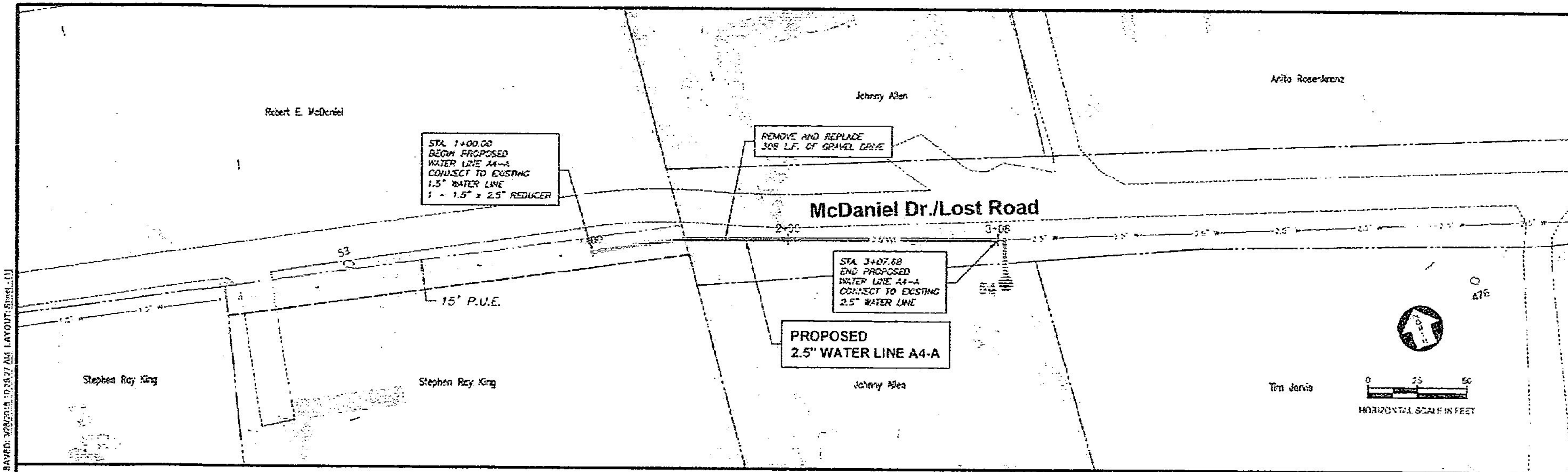
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A3
STA. 73+02 TO END

SHEET NO. W-17
OF 32



NO	DATE	REVISION	BY

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Gaylor R. Tobert, P.E.
APPROVED BY
DATE 3/28/18

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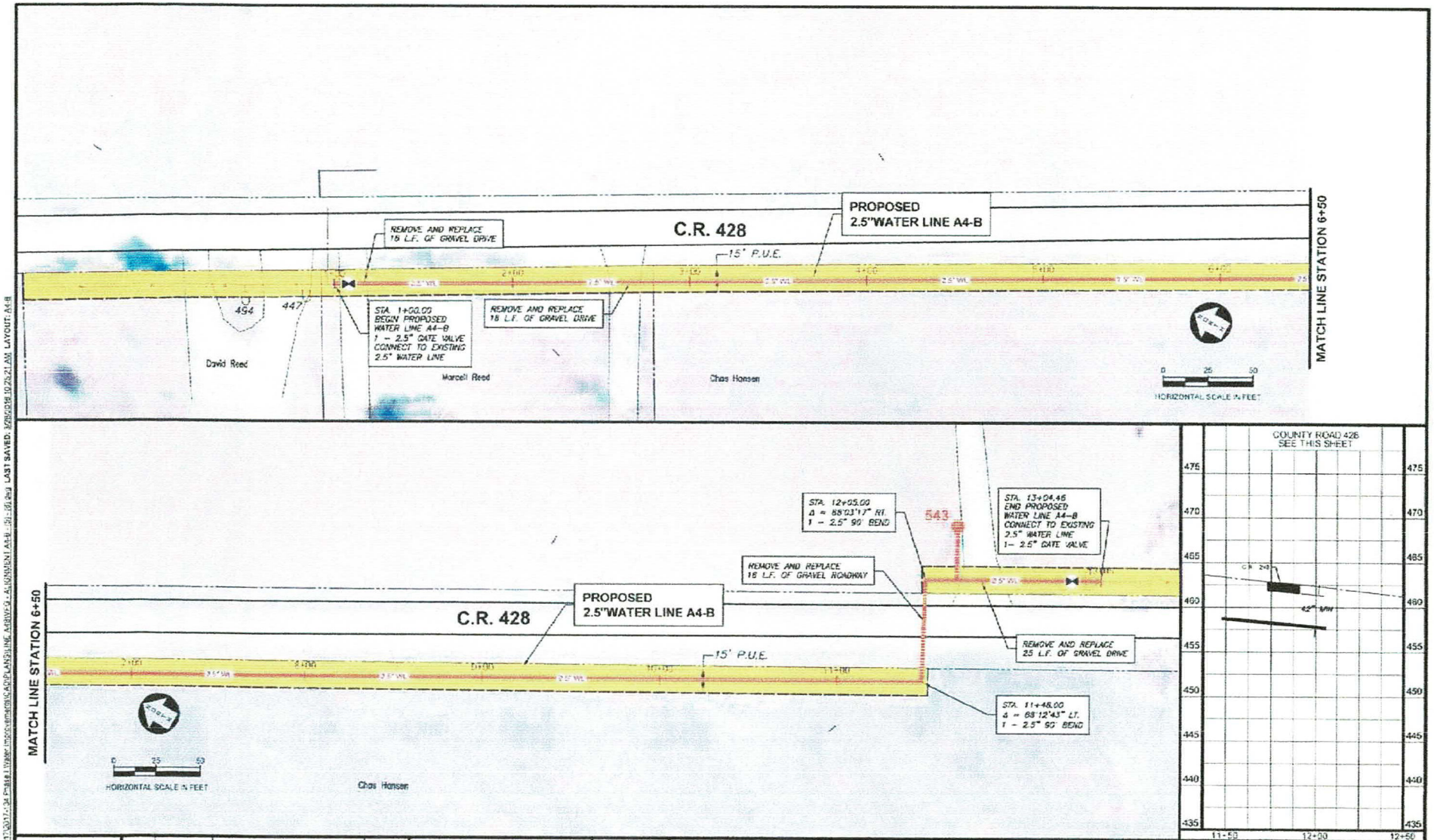
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A4-A
STA. 1+00 TO END

SHEET NO. **W-18** OF 32



NO	DATE	REVISION	BY

First Date
5/28/2018 10:34:46 AM
Plotted By
JCHANDLER

PROJECT NO 2017-134
DRAWN BY James Chandler
DESIGNED BY Roger B. Tolbert, P.E.
APPROVED BY Roger B. Tolbert
DATE 5/22/18

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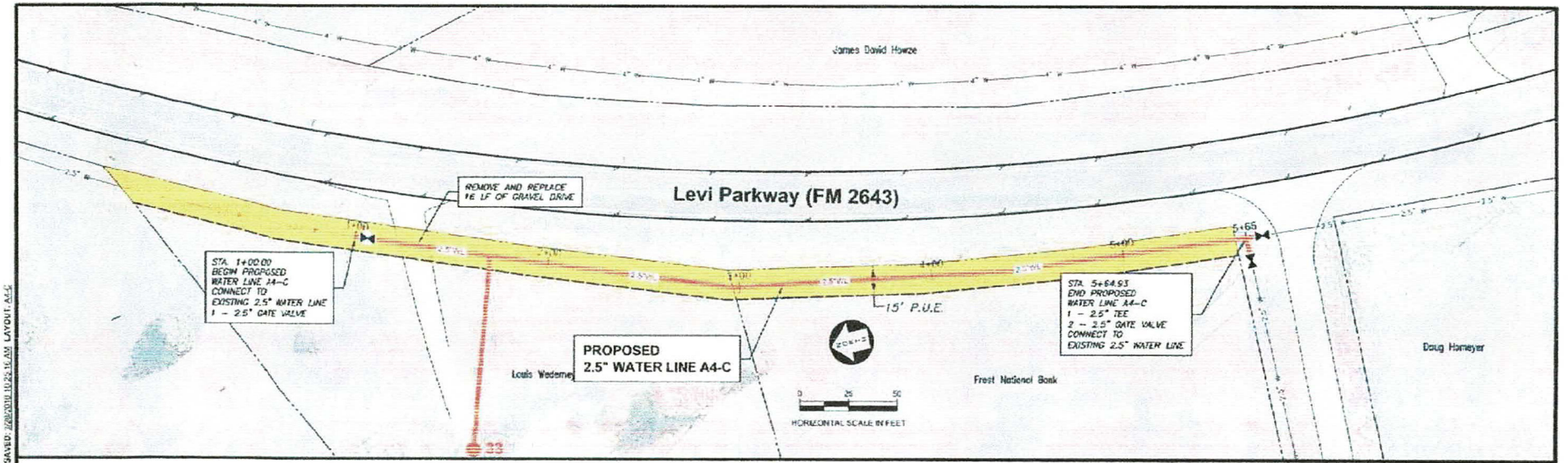
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A4-B
STA. 1+00 TO END

SHEET NO. W-19
OF 32



NO	DATE	REVISION	BY

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Plotted By: ZCOOPER

PROJECT NO. 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Roger P. Tolbert, P.E.
APPROVED BY: Roger P. Tolbert
DATE: 3/28/18

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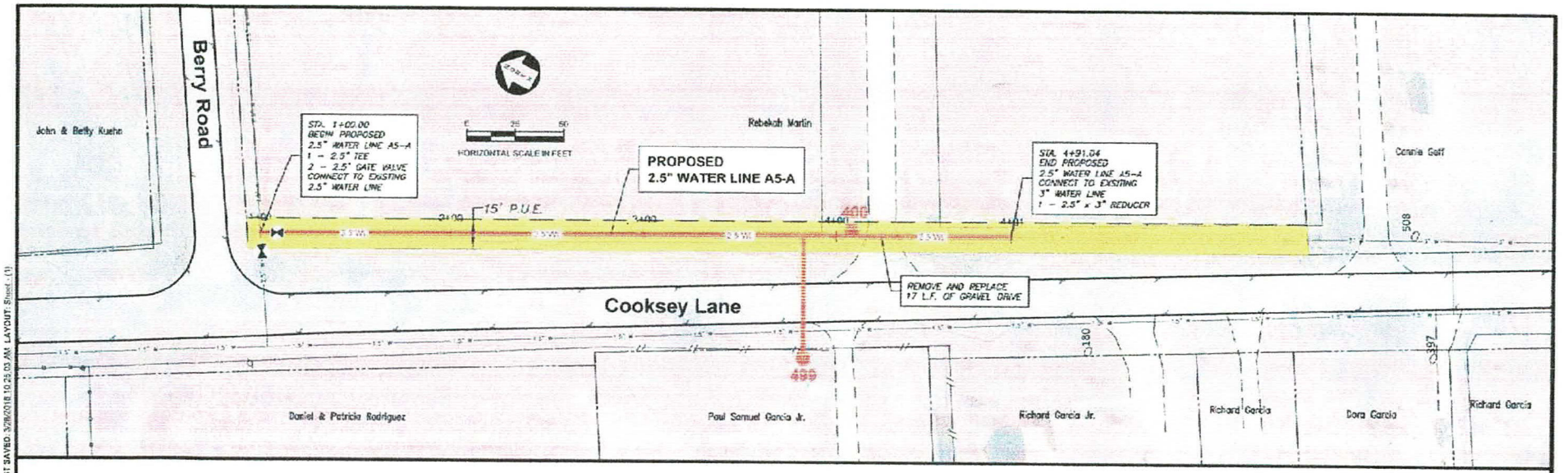
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A4-C
STA. 1+00 TO END

SHEET NO. W-20
OF 32

FILE: P:\Levi WSC\2017\2017-134 Phase I Water Improvements\CAD\BASE\WORKING\LINE A4C.VFG - ALIGNMENT A4-C - 1in = 50ft.dwg LAST SAVED: 2/28/2018 10:26:16 AM LAYOUT: A4-C



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:25:54 AM
Plotted By: JOSEPER

PROJECT NO: 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: Ginger R. Tolbert, P.E.
APPROVED: Ginger R. Tolbert
DATE: 3/28/18

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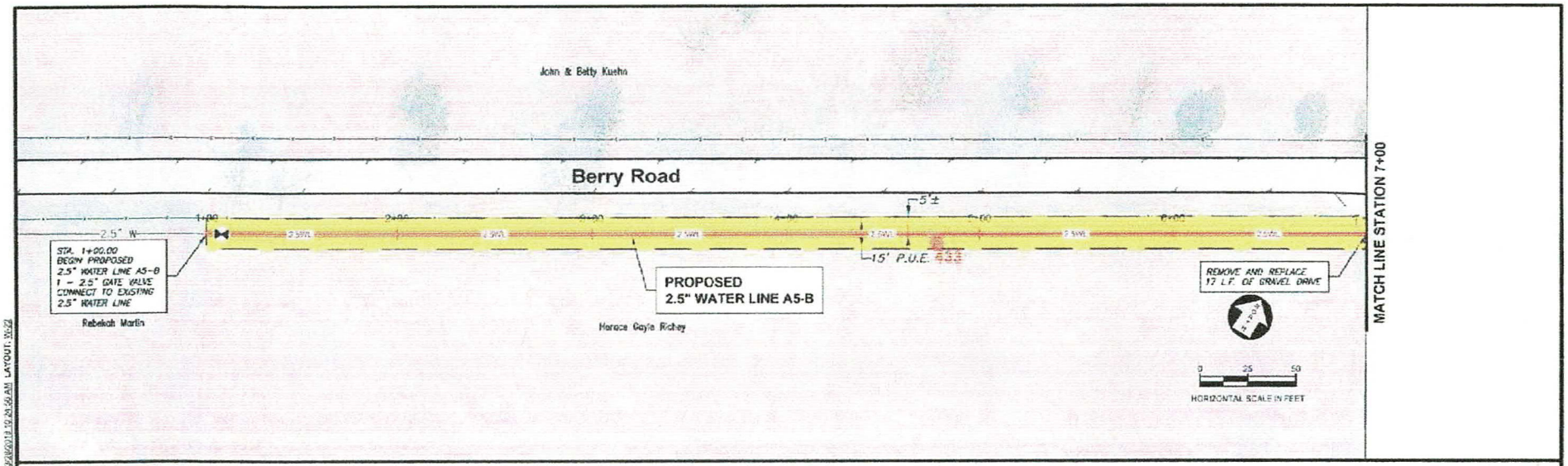
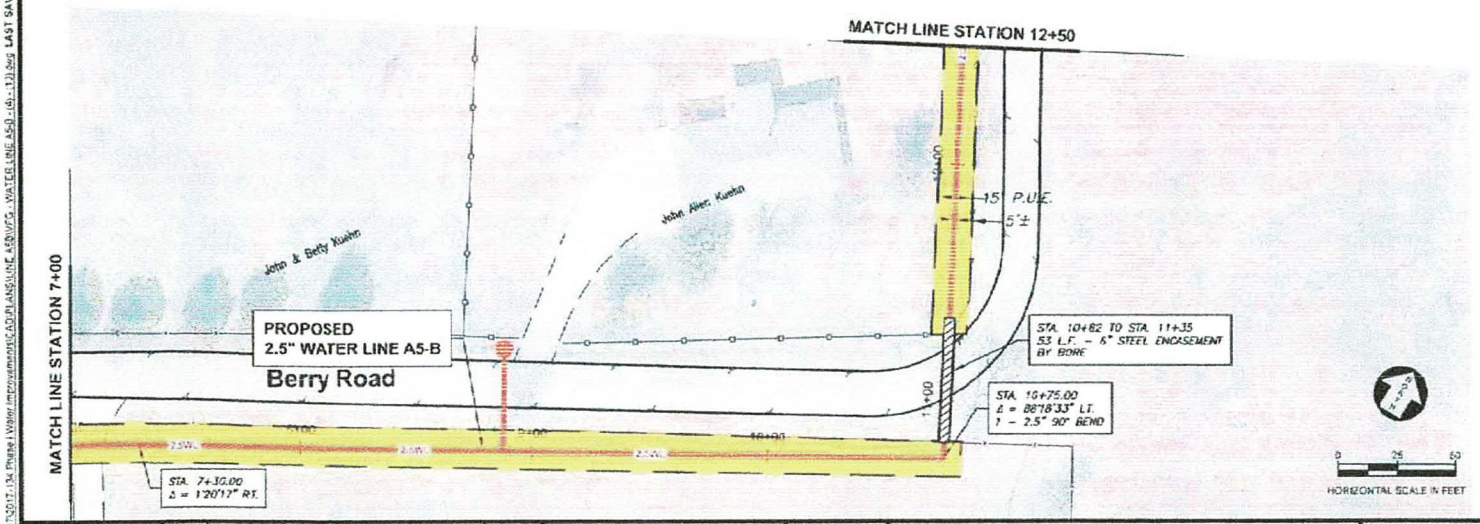
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A5A
STA. 1+00 TO END

SHEET NO. W-21
OF 32





NO.	DATE	REVISION	BY

Plot Date: 3/26/2018 10:36:15 AM
Plotted By: JCHANDLER

PROJECT NO. 2012-134
DRAWN BY: Jared Chandler
DESIGNED BY: Gregg R. Tolbert, P.E.
APPROVED: Gregg R. Tolbert
DATE: 3/28/18

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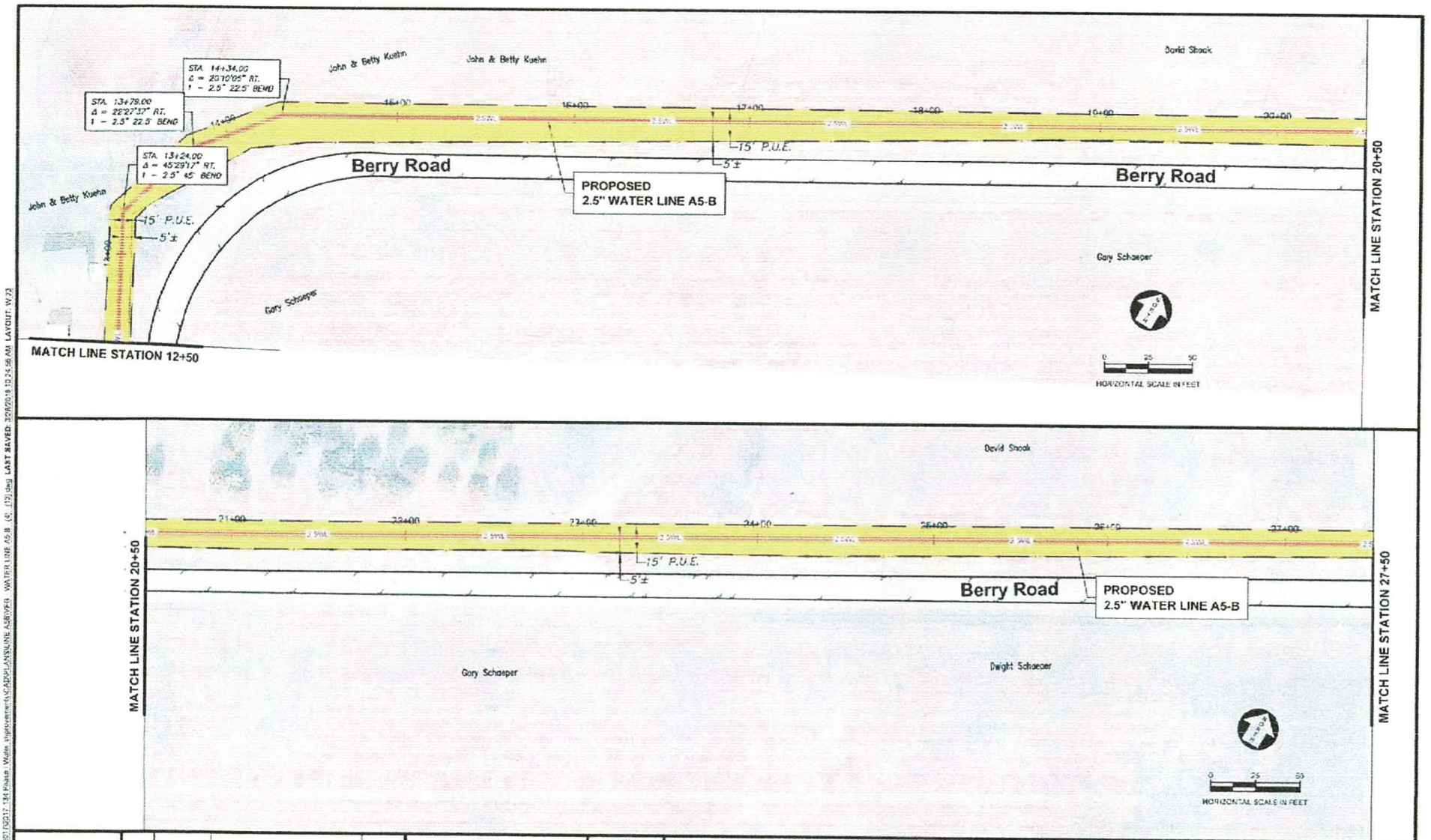
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A5B
STA. 1+00 TO STA. 12+50

SHEET NO. W-22
OF 32



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NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:38:10 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert, P.E.
APPROVED BY
DATE 3/28/18

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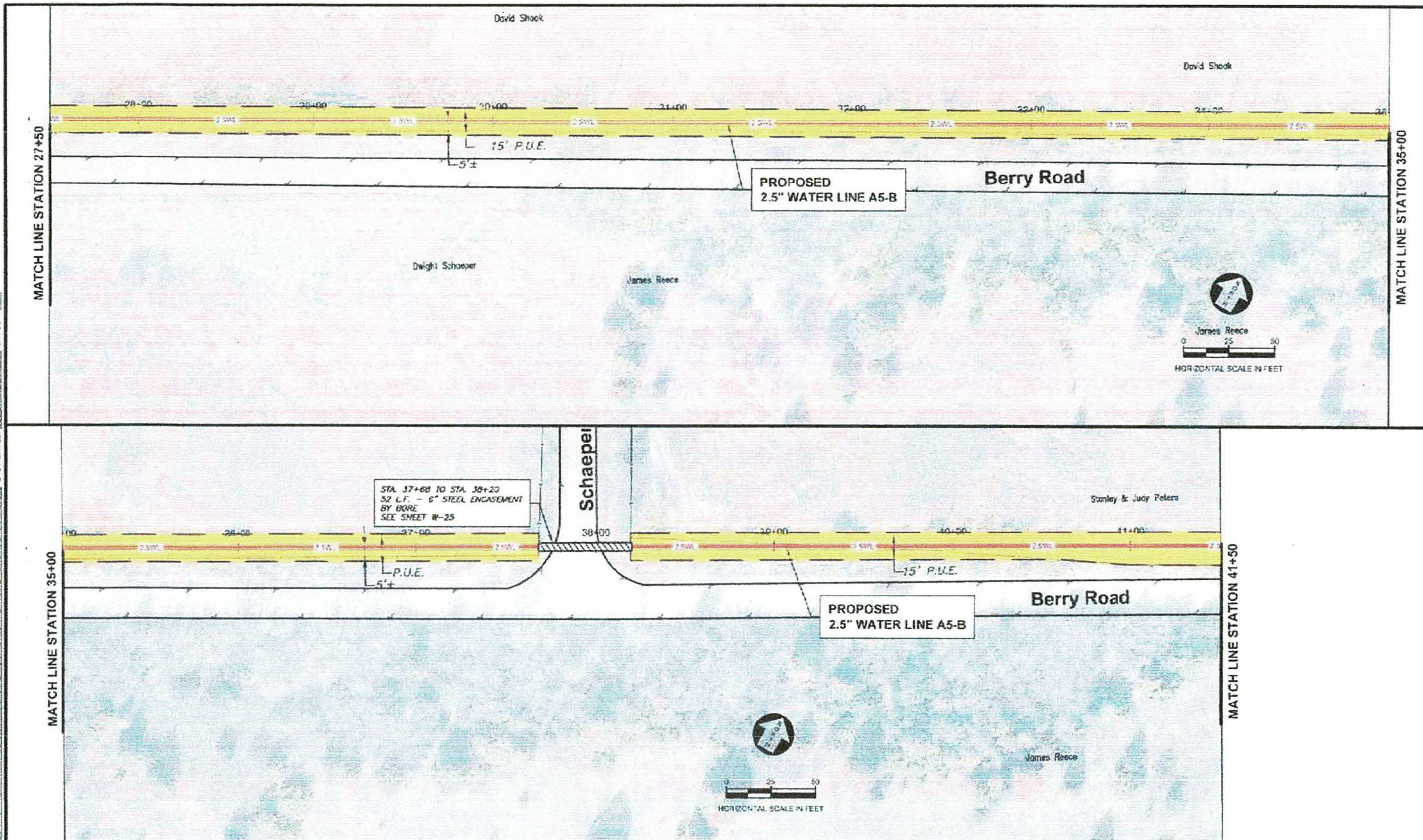
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A5B
STA. 12+50 TO STA. 27+50

SHEET NO. W-23
OF 32



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Plot Date 3/26/2018 10:37:10 AM
Plotted By JCHANDLER

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DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert, P.E.
APPROVED BY
DATE 3/28/18

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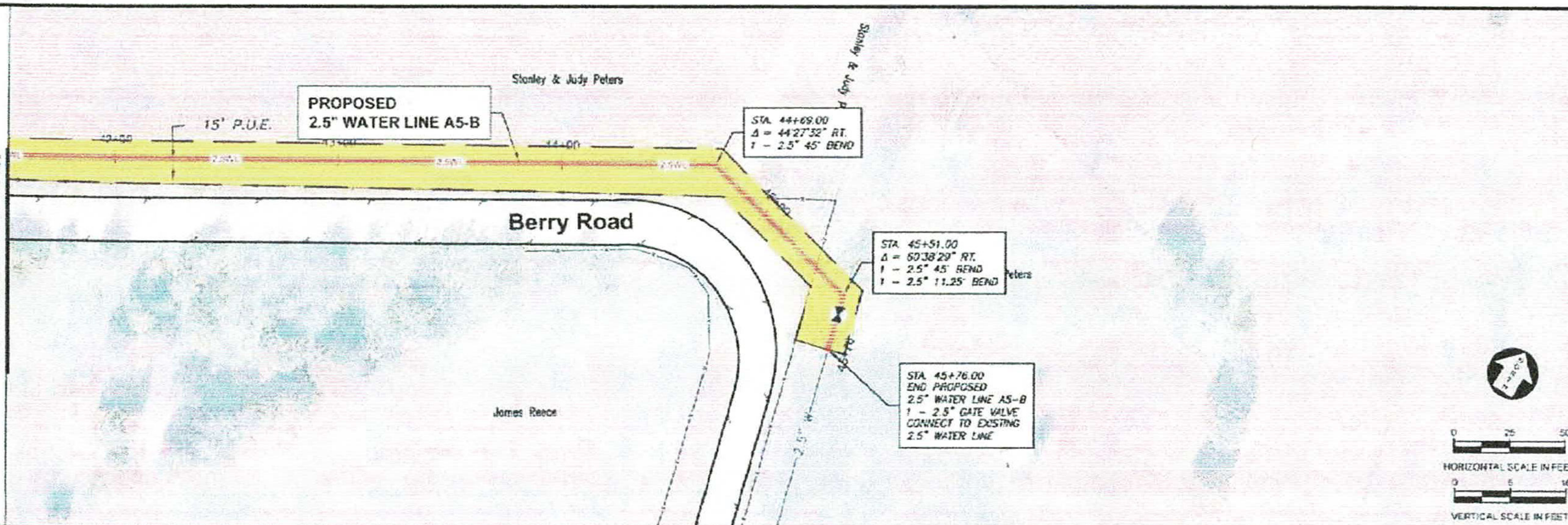
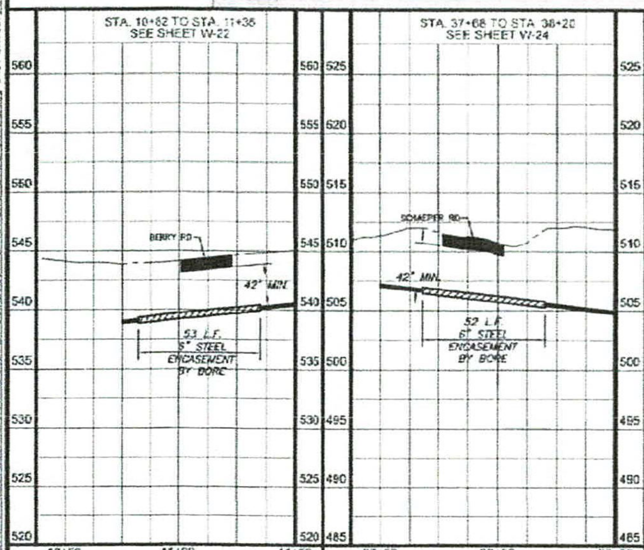
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A5B
STA. 27+50 TO STA. 41+50

SHEET NO. W-24
OF 32


MATCH LINE STATION 41+50
Stanley & Judy Peters
PROPOSED
2.5" WATER LINE A5-B
15' P.U.E.
Berry Road
James Reece
STA. 44+69.00
Δ = 44°27'32" RT.
1 - 2.5" 45° BEND
STA. 45+51.00
Δ = 60°38'29" RT.
1 - 2.5" 45° BEND
1 - 2.5" 11.25° BEND
STA. 45+76.00
END PROPOSED
2.5" WATER LINE A5-B
1 - 2.5" GATE VALVE
CONNECT TO EXISTING
2.5" WATER LINE
HORIZONTAL SCALE IN FEET
VERTICAL SCALE IN FEET



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Plot Date 3/28/2018 10:37:24 AM
Plotted By JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert, P.E.
APPROVED BY [signature]
DATE 3/28/18

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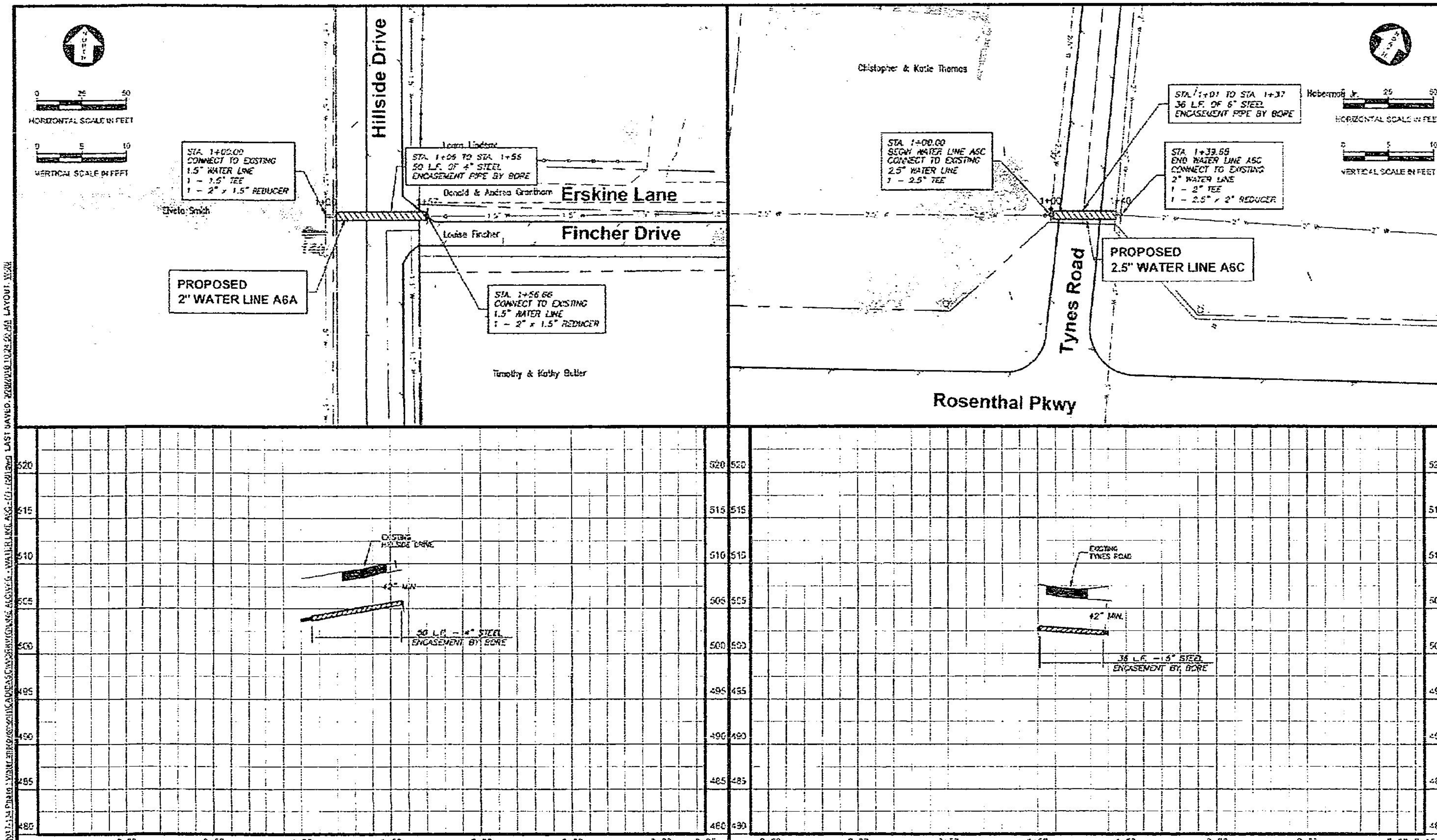
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A5B
STA. 41+50 TO END

SHEET NO. W-25
OF 32


NORTH
HORIZONTAL SCALE IN FEET
VERTICAL SCALE IN FEET
Hillside Drive
Erskine Lane
Fincher Drive
STA. 1+02.00
CONNECT TO EXISTING
1.5" WATER LINE
1 - 1.5" TEE
1 - 2" x 1.5" REDUCER
STA. 1+05 TO STA. 1+55
50 L.F. OF 4" STEEL
ENCASEMENT PIPE BY BORE
STA. 1+56.66
CONNECT TO EXISTING
1.5" WATER LINE
1 - 2" x 1.5" REDUCER
PROPOSED
2" WATER LINE A6A
Donald & Andrea Grantham
Louise Fincher
Timothy & Kathy Butler
Christopher & Katie Thomas
STA. 1+00.00
BEGIN WATER LINE A6C
CONNECT TO EXISTING
2.5" WATER LINE
1 - 2.5" TEE
STA. 1+01 TO STA. 1+37
36 L.F. OF 6" STEEL
ENCASEMENT PIPE BY BORE
STA. 1+39.69
END WATER LINE A6C
CONNECT TO EXISTING
2" WATER LINE
1 - 2" TEE
1 - 2.5" x 2" REDUCER
PROPOSED
2.5" WATER LINE A6C
Tynes Road
Rosenthal Pkwy
EXISTING
HILLSIDE DRIVE
42" MIN.
50 L.F. - 4" STEEL
ENCASEMENT BY BORE
EXISTING
TYNES ROAD
36 L.F. - 6" STEEL
ENCASEMENT BY BORE
520
515
510
505
500
495
490
485
480
0+00
0+50
1+00
1+50
2+00
2+50
3+00
3+25
-0+50
3+15

NO.	DATE	REVISION	BY

PROJECT NO. 2017-134
DRAWN BY: Jared Chandler
DESIGNED BY: George R. Trobert P.E.
APPROVED BY: George R. Trobert
DATE: 3/28/18

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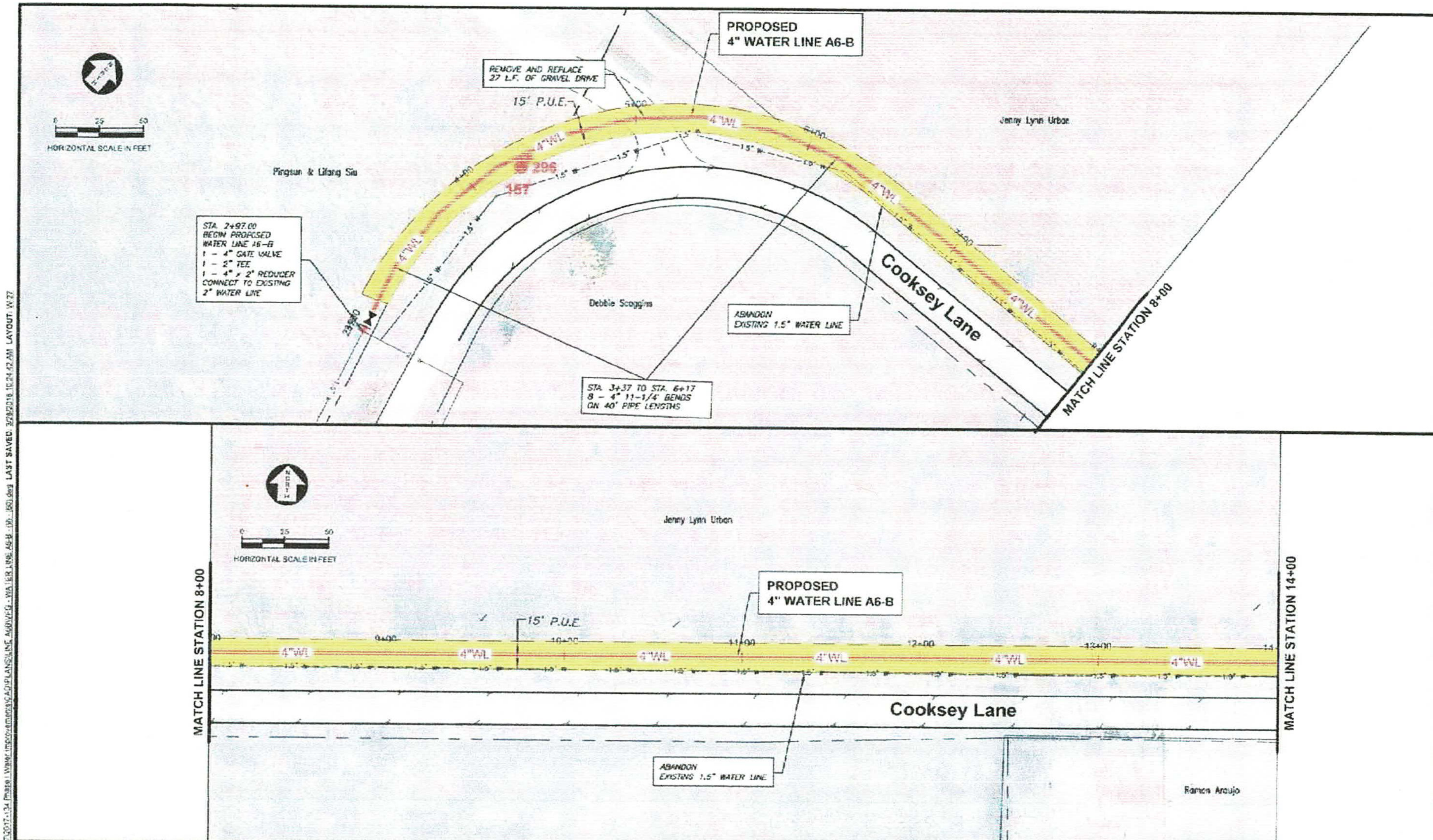
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINES A6-A & A6-C
ROADWAY CROSSING PLAN AND PROFILES

SHEET NO. W-26
OF 32



PROPOSED
4" WATER LINE A6-B
REMOVE AND REPLACE
27 L.F. OF GRAVEL DRIVE
15' P.U.E.
HORIZONTAL SCALE IN FEET
Pingsun & Lifang Siu
Jenny Lynn Urban
STA. 2+97.00
BEGIN PROPOSED
WATER LINE A6-B
1 - 4" GATE VALVE
1 - 2" TEE
1 - 4" x 2" REDUCER
CONNECT TO EXISTING
2" WATER LINE
Debbie Scoggins
Cooksey Lane
ABANDON
EXISTING 1.5" WATER LINE
STA. 3+37 TO STA. 6+17
8 - 4" 11-1/4' BENDS
ON 40' PIPE LENGTHS
MATCH LINE STATION 8+00
4"WL
PROPOSED
4" WATER LINE A6-B
15' P.U.E.
Cooksey Lane
ABANDON
EXISTING 1.5" WATER LINE
Ramon Araujo
MATCH LINE STATION 14+00

NO	DATE	REVISION	BY

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Plotted By JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert, P.E.
APPROVED BY Ginger R. Tolbert
DATE 3/28/18

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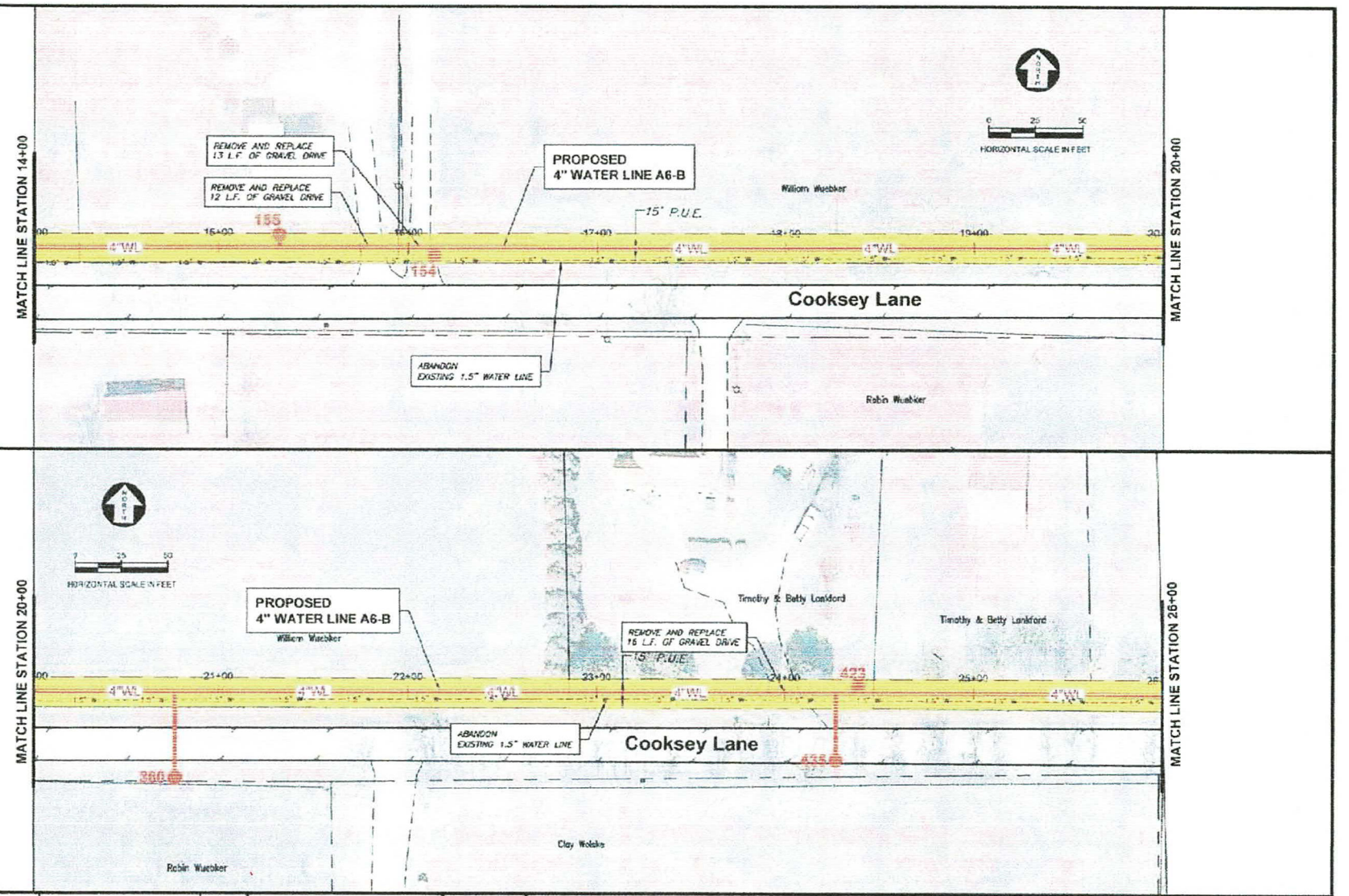
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A6-B
STA. 1+00 TO STA. 14+00

SHEET NO. W-27
OF 32



NO	DATE	REVISION	BY

Plot Date
3/28/2018 10:36:26 AM
Plotted By
JCHANDLER

PROJECT NO. 2017-154
DRAWN BY Jared Chandler
DESIGNED BY Roger R. Tolbert, PE
APPROVED BY Roger R. Tolbert
DATE 3/28/18

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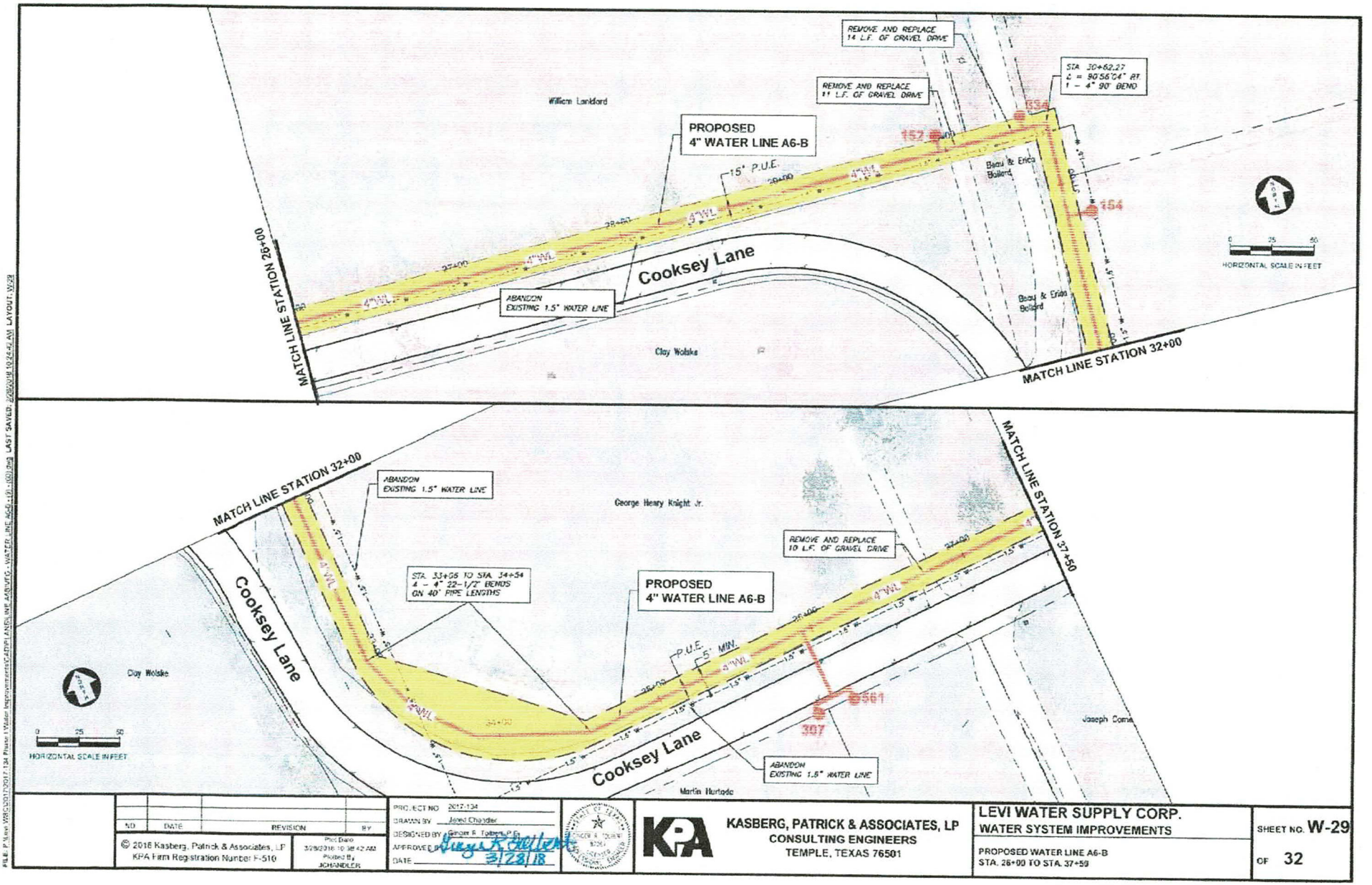
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS
PROPOSED WATER LINE A6-B
STA. 14+00 TO STA. 26+00

SHEET NO. W-28
OF 32



NO	DATE	REVISION	BY

Plot Date
3/26/2018 10:38:42 AM
Plotted By
JCHANDLER

PROJECT NO 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Ginger R. Tolbert, P.E.
APPROVED BY Ginger R. Tolbert
DATE 3/23/18

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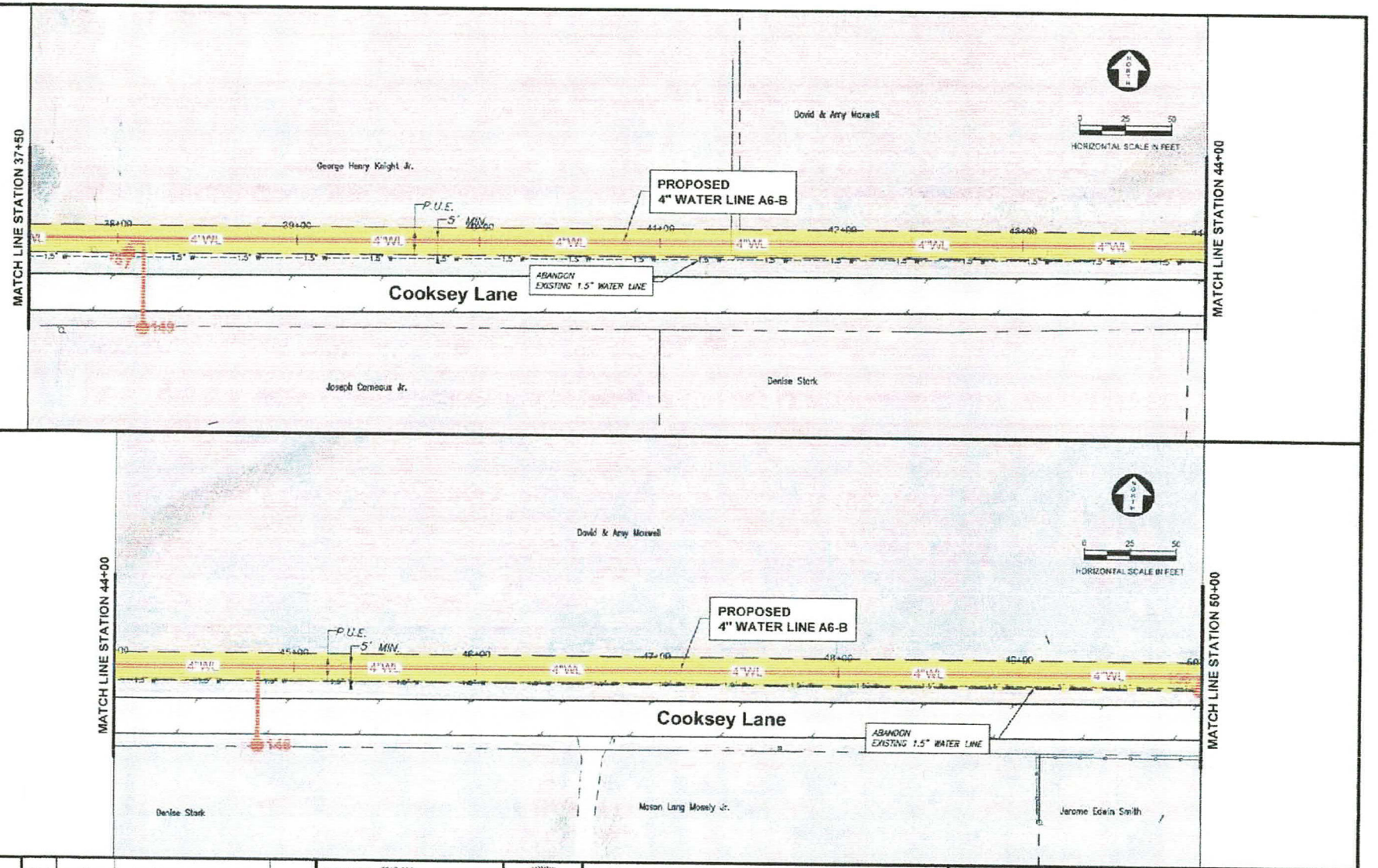
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A6-B
STA. 26+00 TO STA. 37+50

SHEET NO. W-29
OF 32

FILE: P:\Levi WR\2017\2017-134 Phase 1 Water Improvements\ARP\LANDLINE ARP\WTG - WATER LINE A6-B +191 - (60).dwg LAST SAVED: 2/26/2018 10:24:46 AM LAYOUT: W-29



NO	DATE	REVISION	BY

Plot Date: 3/28/2018 10:38:52 AM
Plotted By: JCHANDLER

PROJECT NO. 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Gregory R. Tolbert, P.E.
APPROVED BY
DATE 3/28/18

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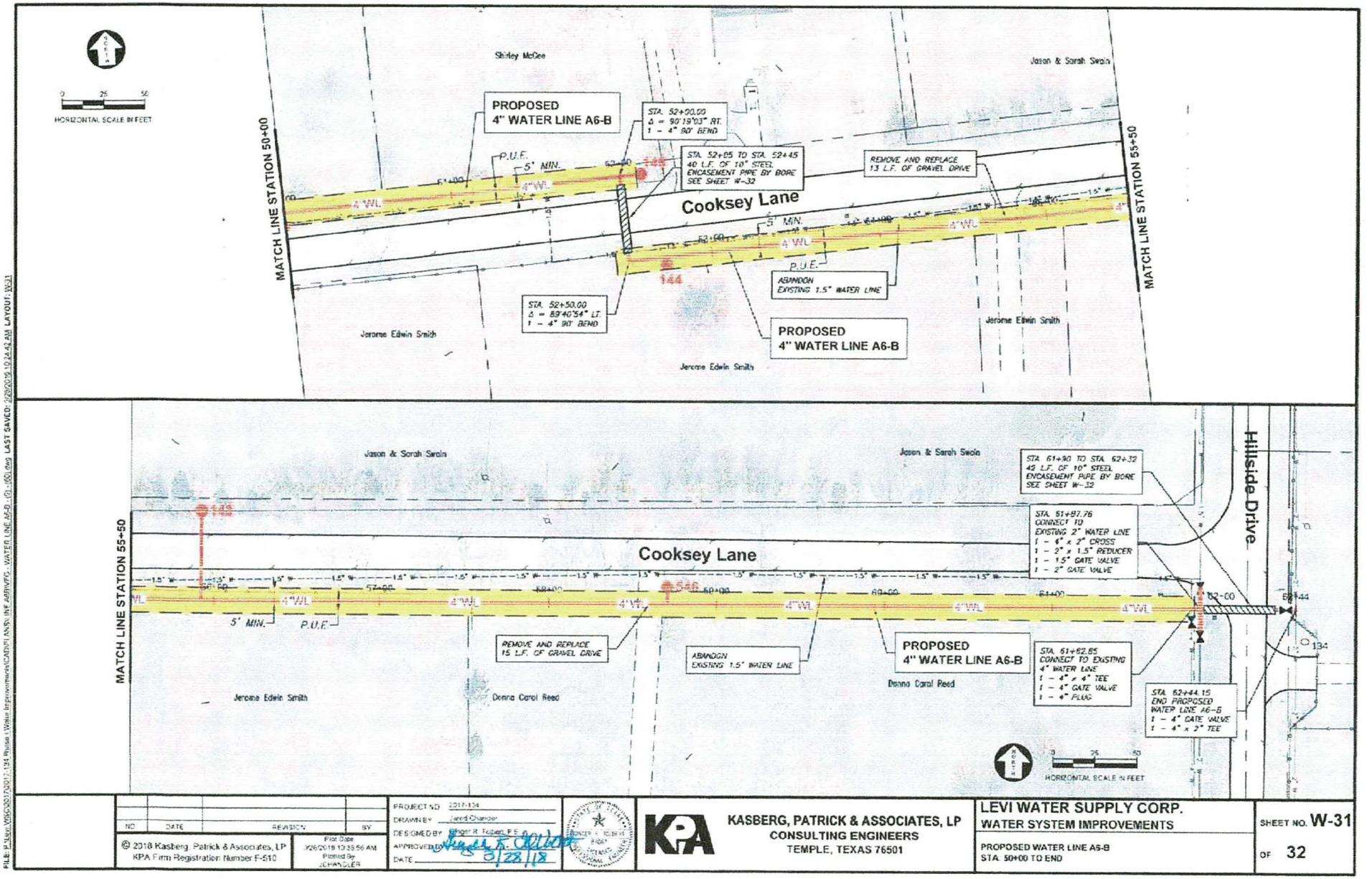
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS
PROPOSED WATER LINE A6-B
STA. 37+50 TO STA. 50+00

SHEET NO. W-30
OF 32



NO.	DATE	REVISION	BY

Plot Date
9/26/2018 12:35:56 AM
Plotted By
JCHANDLER

PROJECT NO 2017-134
DRAWN BY Jared Chandler
DESIGNED BY Roger R. Tolar, P.E.
APPROVED BY
DATE 9/28/18

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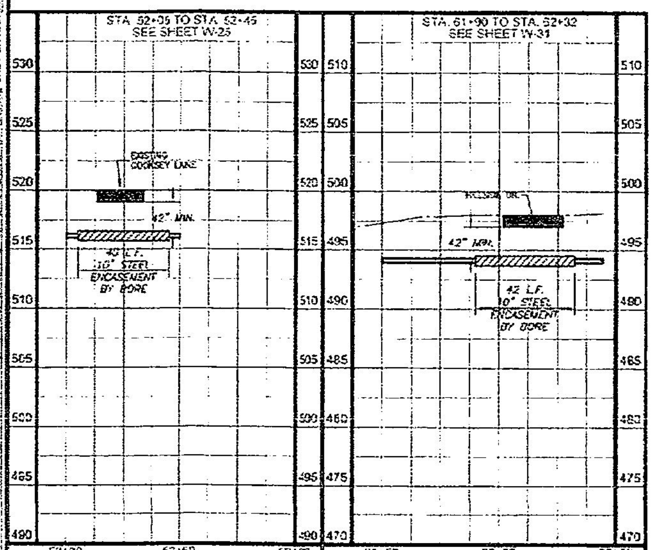
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A6-B
STA. 50+00 TO END

SHEET NO. W-31
OF 32

FILE: P:\Jobs\WSC\2017\2017-134 Phase I Water Improvements\CAD\P1 ANSI\ INF ARRVFG - WATER LINE A6-B - (G) - (60).dwg LAST SAVED: 9/28/2018 10:24:42 AM LAYOUT: W31



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APPROVED BY
DATE 3/28/18

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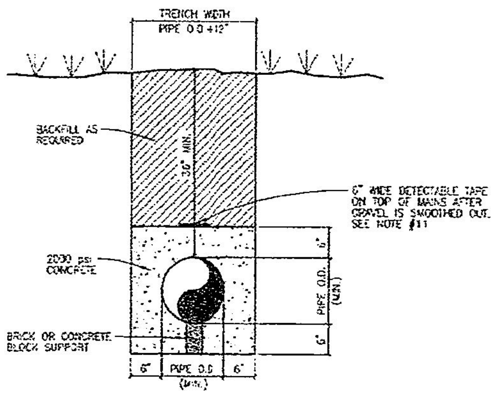
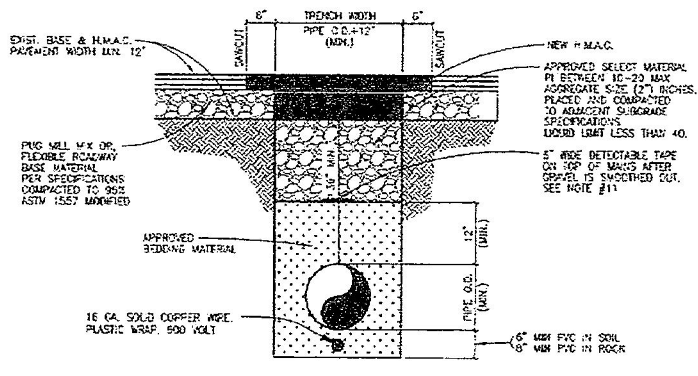
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

PROPOSED WATER LINE A6-B
ROAD CROSSINGS

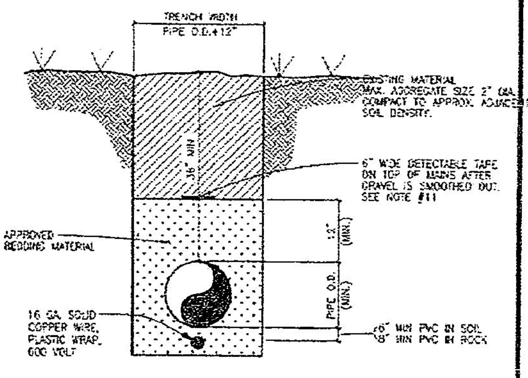
SHEET NO. W-32
OF 32



CONCRETE ENCASEMENT


6"
TRENCH WIDTH
PIPE O.D.+12"
(MIN.)
6"
SAWCUT
SAWCUT
EXIST. BASE & H.M.A.C. PAVEMENT WIDTH MIN. 12"
NEW H.M.A.C.
APPROVED SELECT MATERIAL PI BETWEEN 10-20 MAX AGGREGATE SIZE (2") INCHES. PLACED AND COMPACTED TO ADJACENT SUBGRADE SPECIFICATIONS LIQUID LIMIT LESS THAN 40.
PUG MILL MIX OR, FLEXIBLE ROADWAY BASE MATERIAL PER SPECIFICATIONS COMPACTED TO 95% ASTM 1557 MODIFIED
6" WIDE DETECTABLE TAPE ON TOP OF MAINS AFTER GRAVEL IS SMOOTHED OUT. SEE NOTE #11
36" MIN
APPROVED BEDDING MATERIAL
12" (MIN.)
PIPE O.D. (MIN.)
16 GA. SOLID COPPER WIRE. PLASTIC WRAP. 600 VOLT
6" MIN PVC IN SOIL
8" MIN PVC IN ROCK

CONSTRUCTION IN EXISTING ROADWAY


TRENCH WIDTH
PIPE O.D.+12"
EXISTING MATERIAL MAX. AGGREGATE SIZE 2" DIA. COMPACT TO APPROX. ADJACENT SOIL DENSITY.
36" MIN
6" WIDE DETECTABLE TAPE ON TOP OF MAINS AFTER GRAVEL IS SMOOTHED OUT. SEE NOTE #11
APPROVED BEDDING MATERIAL
12" (MIN.)
PIPE O.D. (MIN.)
16 GA. SOLID COPPER WIRE, PLASTIC WRAP, 600 VOLT
6" MIN PVC IN SOIL
8" MIN PVC IN ROCK

OUT OF ROAD INSTALLATION

BEDDING MATERIAL SPECIFICATIONS:

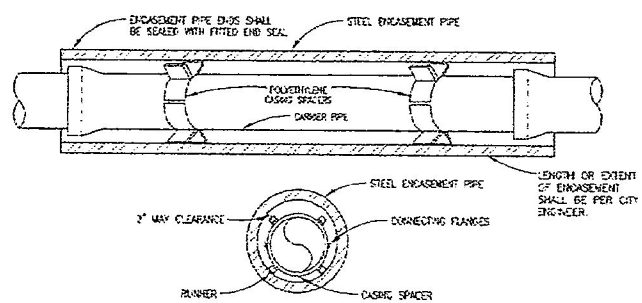
1. PIPE EMBEDMENT SHALL BE MANUFACTURED SAND, WASHED AND FREE OF DEBRIS OR WASHED/SCREENED GRAVEL CONFORMING TO THE FOLLOWING GRADATION.

SIEVE	% PASSING
1/2"	100
3/8"	80-100
NO 4	15-70
NO 10	0-10

2. BEDDING MATERIAL SHALL BE PLACED AND CONSOLIDATED TO ELIMINATE VOIDS.
3. MANUFACTURERS RECOMMENDATIONS FOR BEDDING MATERIALS SHALL BE CONSIDERED WHERE STRUCTURAL INTEGRITY IS REQUIRED.

EMBEDMENT NOTES:

1. SAW CUT TO REPAIR ASPHALT OR CONCRETE PAVEMENT PRIOR TO EXCAVATION.
2. EMBEDMENT SHALL CONSISTS OF 1" CRUSHED STONE
3. TRENCH WIDTHS SHOWN ARE MINIMUM FOR PROPER PLACEMENT AND COMPACTION OF EMBEDMENT.
4. MINIMUM CLEAR WIDTH OF TRENCH (SHEETED OR UNSHEETED) MEASURED AT SPRINGLINE OF PIPE SHALL BE 12" GREATER THAN THE OUTSIDE DIAMETER OF THE PIPE.
5. WHERE PIPE INSTALLATION IS IN ROCK (OR OTHER INCOMPRESSIBLE FOUNDATION), CONTRACTOR SHALL EXCAVATE SO AS TO PROVIDE A MINIMUM OF 8" GRANULAR CUSHION BENEATH THE PIPE.
6. CONTRACTOR SHALL SHAPE EMBEDMENT MATERIAL TO ACCOMODATE THE BELLED JOINTS OF PIPES TO INSURE SUPPORT THROUGHOUT THEIR LENGTH. BELLED JOINTS SHALL HAVE A MINIMUM OF 2" OF FILL BENEATH THEM.
7. IF EXCAVATED MATERIAL IS NOT ACCEPTABLE TO THE ENGINEER FOR BACKFILL, CONTRACTOR SHALL PROVIDE SELECT IMPORT MATERIAL AS REQUIRED.
8. BLUE DETECTABLE TAPE TO BE USED FOR WATER MAINS.
9. NO CRUSHER FINES SHALL BE ALLOWED.


ENCASEMENT PIPE ENDS SHALL BE SEALED WITH FITTED END SEAL
STEEL ENCASEMENT PIPE
POLYETHYLENE CASING SPACERS
CARRIER PIPE
LENGTH OR EXTENT OF ENCASEMENT SHALL BE PER CITY ENGINEER.
2" MAX CLEARANCE
STEEL ENCASEMENT PIPE
CONNECTING FLANGES
RUNNER
CASING SPACER

NOTES:

1. CASING SPACERS SHALL BE POLYETHYLENE CASING SPACERS AS MANUFACTURED BY RACI OR APPROVED EQUAL. CONNECTING FLANGES SHALL BE RIBBED FOR EXTRA STRENGTH
2. ENDS OF THE ENCASEMENT PIPE WILL BE SEALED WITH FITTED END SEAL. END SEALS SHALL BE 1/8" THICK NEOPRENE RUBBER. ADVANCE PRODUCTS AND SYSTEMS, INC. MODEL AWM OR EQUAL.
4. DO NOT USE WEDGES BETWEEN TOP OF CARRIER PIPE AND INSIDE OF CASING TO KEEP CARRIER PIPE FROM MOVING.
5. PRIOR TO INSERTING CARRIER PIPE, ANY WATER SHOULD BE PUMPED OUT OF THE CASING PIPE SO THAT NO WATER REMAINS.
6. SPACERS WILL BE REQUIRED WITHIN AT LEAST 3 FEET FROM BOTH OPENINGS OF THE ENCASEMENT PIPE AND SPACED NO GREATER THAN 5 FEET THROUGHOUT THE ENCASEMENT PIPE.
7. CASING SPACERS WILL NOT BE PAID DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE APPROPRIATE BID ITEM FOR INSTALLING PIPE.
8. ENCASEMENT PIPE SHALL BE SMOOTH STEEL 35,000 PSI YIELD STRENGTH WITH 1/4" MIN. WALL THICKNESS; 3/8" MIN. WALL THICKNESS WHEN CROSSING TxDOT ROADWAY; 1/2" MIN. WALL THICKNESS WHEN CROSSING RAILROAD.
9. SPIRAL WELD ENCASEMENT PIPE SHALL NOT BE USED
10. MINIMUM COVER FOR CASING SHALL BE 42".

PIPE SIZE-CARRIER (DIAMETER)	PIPE SIZE-CASING (MINIMUM DIAMETER)	CASING (MINIMUM THICKNESS)
3"	8"	1/4"
4"	10"	1/4"
6"	12"	1/4"
8"	16"	1/4"
10"	18"	1/4"

NO	DATE	REVISION	BY

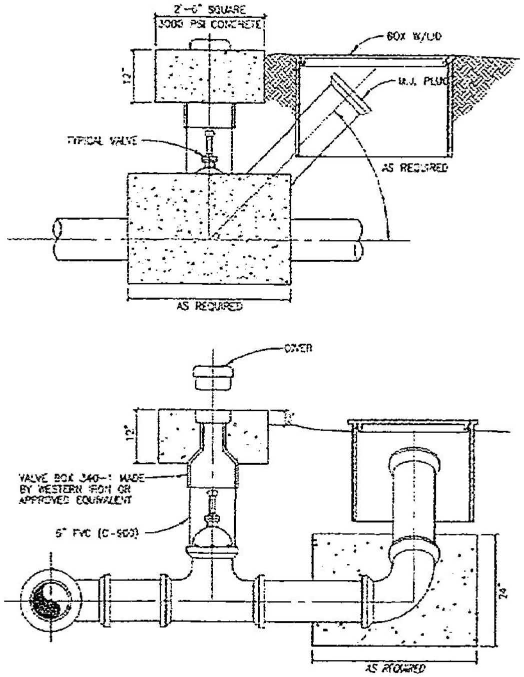
PROJECT NO. 2017-154
DRAWN BY Jared Dranow
DESIGNED BY Gunner R. Tessen, P.E.
APPROVED BY [signature]
DATE 3/28/18

KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

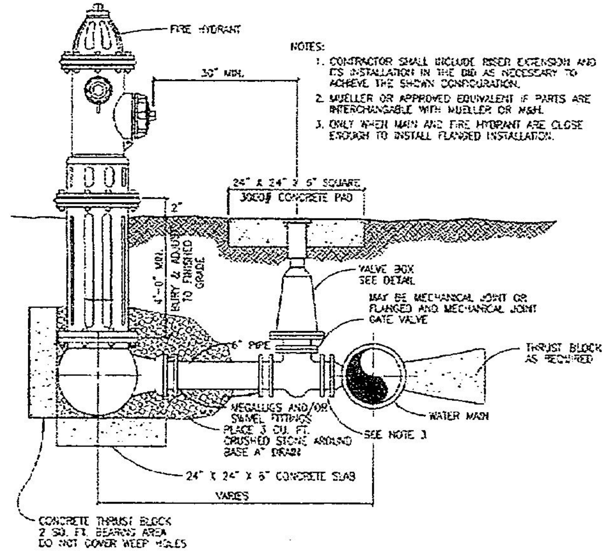
LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

STANDARD DETAILS
EMBEDMENT

SHEET NO. D01
OF 02

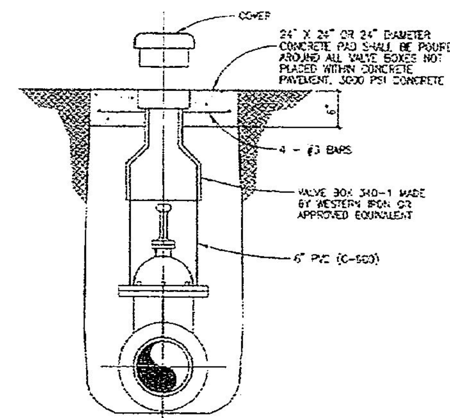


FLUSH VALVE INSTALLATION

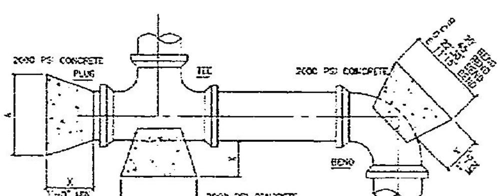

FIRE HYDRANT
30" MIN.
24" X 24" X 6" SQUARE
3000# CONCRETE PAD
2"
4'-0" MIN. BURY & ADJUST TO FINISHED GRADE
VALVE BOX SEE DETAIL
MAY BE MECHANICAL JOINT OR FLANGED AND MECHANICAL JOINT GATE VALVE
6" PIPE
THRUST BLOCK AS REQUIRED
WATER MAIN
MEGALUGS AND/OR SWIVEL FITTINGS
PLACE 3 CU. FT. CRUSHED STONE AROUND BASE AT DRAIN
SEE NOTE 3
24" X 24" X 6" CONCRETE SLAB
VARIES
CONCRETE THRUST BLOCK 2 SQ. FT. BEARING AREA DO NOT COVER WEEP HOLES

NOTES:
1. CONTRACTOR SHALL INCLUDE RISER EXTENSION AND ITS INSTALLATION IN THE BID AS NECESSARY TO ACHIEVE THE SHOWN CONFIGURATION.
2. MUELLER OR APPROVED EQUIVALENT IF PARTS ARE INTERCHANGEABLE WITH MUELLER OR M&H.
3. ONLY WHEN MAIN AND FIRE HYDRANT ARE CLOSE ENOUGH TO INSTALL FLANGED INSTALLATION.

FIRE HYDRANT INSTALLATION



VALVE SETTING AND BOX (BEHIND CURB LINE)



HORIZONTAL BLOCKING DETAIL

HORIZONTAL BLOCKING TABLE

PIPE SIZE	"X"	PLUGS AND TEES "A"	AREA¹	VOL²	90° BENDS "B"	AREA¹	VOL²	45° BENDS "C"	AREA¹	VOL²	22° 30' BENDS "D"	AREA¹	VOL²	11° 15' BENDS "E"	AREA¹	VOL²
4"	1'-0"	1'-0"	.83	.05	1'-0"	.83	.05	1'-0"	.83	.03	1'-0"	.83	.05	1'-0"	.83	.05
6"	1'-6"	1'-0"	1.06	.06	1'-2"	1.50	.09	1'-0"	.83	.05	1'-0"	.83	.05	1'-0"	.83	.05
8"	1'-6"	1'-3"	1.89	.11	1'-6"	2.56	.15	1'-3"	1.44	.06	1'-0"	.83	.05	1'-0"	.83	.05
10"	1'-6"	1'-9"	2.55	.17	2'-0"	4.17	.24	1'-6"	2.25	.13	1'-3"	1.10	.07	1'-0"	.83	.05
12"	1'-6"	2'-0"	4.25	.24	2'-3"	6.00	.34	1'-9"	3.25	.18	1'-3"	1.65	.10	1'-0"	.83	.05
16"	2'-0"	2'-7"	7.54	.56	3'-0"	13.65	.79	2'-3"	5.75	.43	1'-8"	2.94	.22	1'-2"	1.48	.11
18"	2'-0"	2'-11"	7.70	.57	3'-3"	10.89	.82	2'-8"	5.89	.44	1'-10"	3.01	.22	1'-5"	1.51	.11
20"	2'-0"	3'-3"	7.85	.59	3'-9"	11.12	.89	2'-9"	6.01	.45	2'-0"	3.07	.23	1'-7"	1.54	.12
24"	2'-0"	3'-8"	11.33	.84	4'-3"	16.00	1.20	3'-2"	8.65	.65	2'-6"	4.47	.33	1'-10"	2.22	.17

¹SQUARE FEET (MINIMUM) ²CUBIC YARDS (MAXIMUM)

NO	DATE	REVISION	BY

PROJECT NO. 2017-104
DRAWN BY Jared Chandler
DESIGNED BY Roger K. Tolan, P.E.
APPROVED BY [signature]
DATE 3/28/18

KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
TEMPLE, TEXAS 76501

LEVI WATER SUPPLY CORP.
WATER SYSTEM IMPROVEMENTS

STANDARD DETAILS
WATER

SHEET NO. D02
OF 02

Exhibit 1-8
April 2020 Map with Phase I Improvements

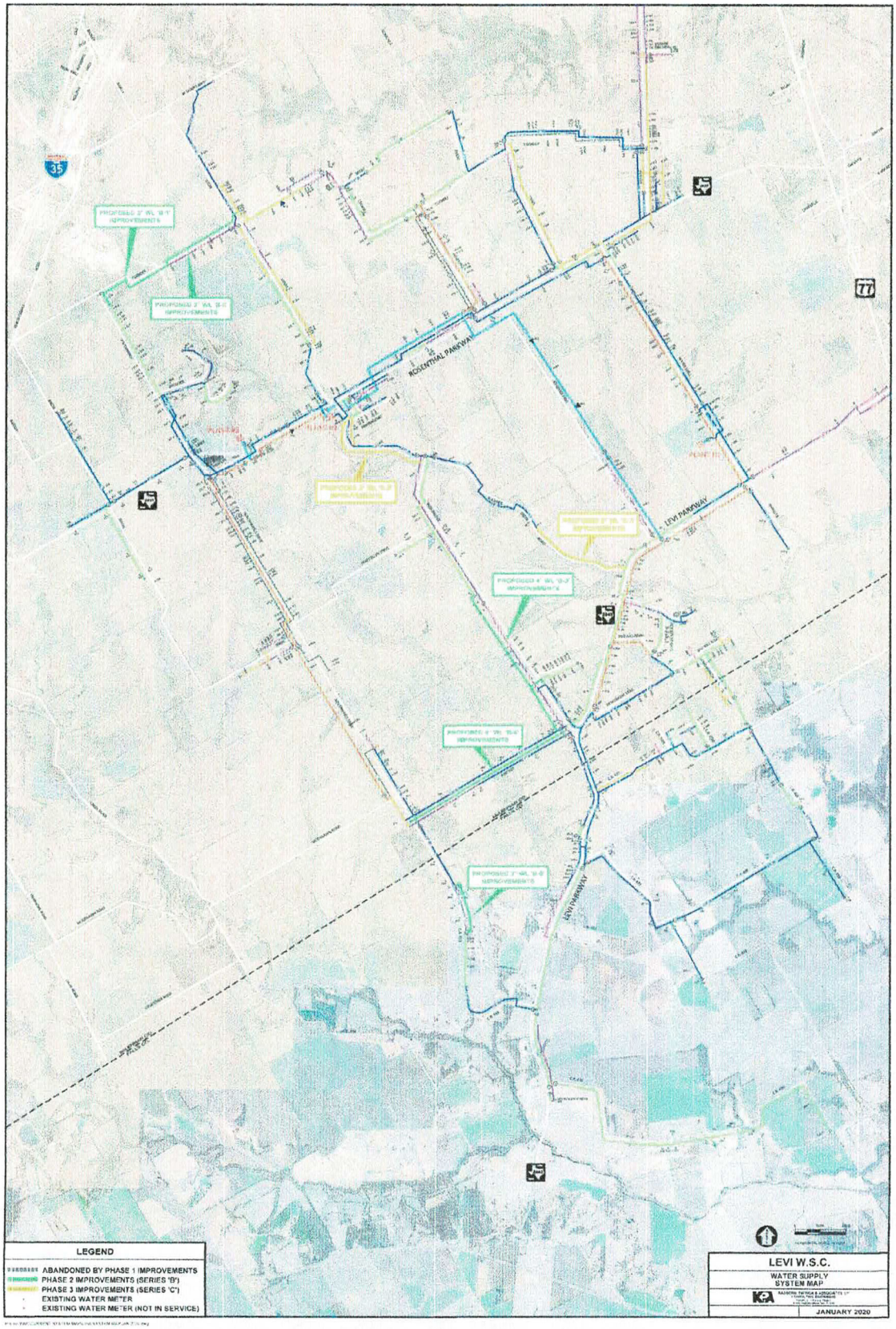


Exhibit 1-9

Prepared by, and after recording, Mail to:
Susan Gulinson
CoBank, ACB
Legal and Loan Processing
P.O. Box 5110
Denver, CO 80217
(800) 542-8072

UTILITY SECURITY INSTRUMENT
INITIAL FILING NO. 16-0003285267 AND AS CORRECTED AT FILING NO. 16-0005650093

AMENDMENT DATED AS OF SEPTEMBER 23, 2019
TO
REAL ESTATE DEED OF TRUST WITH ASSIGNMENT OF RENTS
AND
SECURITY AGREEMENT

DATED AS OF DECEMBER 7, 2015

Made By and Among

LEVI WATER SUPPLY CORPORATION
as Grantor and Trustor

and

MARY MAIKOETTER
as Trustee

for the Benefit of

COBANK, ACB
as Beneficiary

THIS INSTRUMENT CONTAINS AFTER-ACQUIRED PROPERTY PROVISIONS.
THIS INSTRUMENT GRANTS A SECURITY INTEREST BY A UTILITY.
THIS INSTRUMENT CONTAINS FUTURE ADVANCE PROVISIONS.

THIS AMENDMENT, dated as of September 23, 2019 (hereinafter called this "Amendment") to the REAL ESTATE DEED OF TRUST WITH ASSIGNMENT OF RENTS AND SECURITY AGREEMENT dated as of December 7, 2015 (as previously corrected and amended, the "Deed of Trust"), is made by **LEVI WATER SUPPLY CORPORATION**, as grantor and trustor (hereinafter called the "Grantor"), a nonprofit corporation existing under the laws of the State of Texas, whose mailing address is P.O. Box 490, Lorena, Texas 76655, to **MARY MAIKOETTER**, an individual resident of the state of Colorado (the "Trustee"), for the benefit of **COBANK, ACB** (hereinafter called "CoBank" or the "Beneficiary"), a federally-chartered instrumentality of the United States. Capitalized terms used herein but not defined herein shall have the meanings assigned in the Deed of Trust.

WHEREAS, Grantor and CoBank wish to amend and restate Appendix A attached to the Deed of Trust to update and add additional obligations secured by the Deed of Trust; and increase the Maximum Debt Limit provided for therein; and

NOW, THEREFORE, in consideration of the above premises and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the parties agree as follows:

1. **APPENDIX A – CERTAIN OBLIGATIONS; ETC.**, as amended and restated, effective as of September 23, 2019, in the form attached hereto and incorporated herein by this reference, hereby replaces and supersedes the **APPENDIX A – CERTAIN OBLIGATIONS; ETC.** originally appended to the Deed of Trust.

2. A true and correct copy of **APPENDIX B – TRUST ESTATE** to the Deed of Trust is appended hereto and incorporated herein by this reference.

3. The Deed of Trust, as amended to date, continues to serve as security for all past, current and future loans, indebtedness, liabilities and obligations of every kind and nature which currently exist or may exist in the future between the Grantor and CoBank.

4. This Amendment shall not be construed as a novation of the promissory note(s) or other obligations secured by the Deed of Trust.

5. Except as specifically amended hereby, all other terms and conditions of the Deed of Trust shall remain in full force and effect, in all other respects are fully confirmed and ratified, and the Deed of Trust shall continue as a lien upon the Trust Estate.

[SIGNATURE PAGES TO FOLLOW]

IN WITNESS WHEREOF, each of the **LEVI WATER SUPPLY CORPORATION**, as Grantor, and **COBANK, ACB**, as Beneficiary, have executed this Amendment to Real Estate Deed of Trust with Assignment of Rents and Security Agreement to be signed in its name and its corporate seal to be hereunto affixed and thereunto duly authorized, all as of the day and year first above written.

LEVI WATER SUPPLY CORPORATION, Grantor

(SEAL)

10/31/19

By: _____

Printed Name: Mike Meadows

Title: PRESIDENT

STATE OF Texas)
)
COUNTY OF McLennan)

On this 21st day of October, 2019, before me appeared Mike Meadows, to me personally known, who, being by me duly sworn, did say that he is the President of Levi Water Supply Corporation, a Texas nonprofit corporation, and that the seal affixed to the foregoing instrument is the corporate seal of said nonprofit corporation, and that said instrument was signed and sealed on behalf of said nonprofit corporation for the purposes, and consideration therein expressed by authority of its Board of Directors; and said President acknowledged said instrument to be the free act and deed of said nonprofit corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year in first above written.

(SEAL)

DAVID CARPENTER
Notary Public
STATE OF TEXAS
ID#533739-8
My Comm. Exp. Feb. 22, 2022

My commiss

_____

Name: David Carpenter
Notary Public

COBANK, ACB, Beneficiary

By: Cynthia Spencer

Printed Name: Christen Spencer

Title: Assistant Corporate Secretary

STATE OF COLORADO)
)
COUNTY OF ARAPAHOE)

The foregoing instrument was acknowledged before me this 5th day of December, 2019 by Christen Spencer, as Assistant Corporate Secretary of CoBank, ACB, a federally-chartered instrumentality of the United States.

Witness my hand and official seal.

(SEAL)

CYNTHIA M. ALVARADO
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID: 19974011996
MY COMMISSION EXPIRES JULY 12, 2021

By: Cynthia M. Alvarado

Notary Public CYNTHIA M. ALVARADO

My commission expires: 07-12-2021

APPENDIX A – CERTAIN OBLIGATIONS, ETC.
(As Amended and Restated Effective as of September 23, 2019)

1. The "Credit Agreements" referred to in Section 1.01 are as follows:

Agreement Description	Agreement Date
Credit Agreement No. 00100544SLA, as amended	December 7, 2015

2. The "Obligations" referred to in Section 1.01 are as follows:

Promissory Note No.	Note Date	Principal Amount	Maturity Date
00100544T01-A (which amends and restates 00100544T01 dated December 7, 2015)	September 23, 2019	$950,000.00	December 20, 2036
00100544T02-A (which amends and restates 00100544T02 dated December 7, 2015)	September 23, 2019	$1,630,000.00	January 20, 2036
00100544T03	September 23, 2019	$250,000.00	August 20, 2040
00100544S01-A (which amends and restates 00100544S01 dated March 26, 2018)	June 11, 2019	$100,000.00	July 31, 2020, as the term may be extended from time to time

3. The "Maximum Debt Limit" is: $5,860,000.00.

APPENDIX B – TRUST ESTATE
(A True and Correct Copy from the Deed of Trust)

1. Legal descriptions of real property in which the Grantor has a fee estate:

TRACT ONE:

Being 0.07 acres of land, more or less, in the L. Collado Grant, Abstract No. 16, McLennan County, Texas, and being out of a 149.6 acre tract of land conveyed to Horace E. Trippet and Barry J. Trippet by William A. Trippet and wife, Frances H. Trippet, in deed dated March 25, 1953, recorded in Volume 962, Page 456, Deed Records of McLennan County, Texas, said 0.07 acre lot of land being more fully described as follows:

BEGINNING at a point in the Southeast Right-of-Way line of F. M. Highway 2837, said point being N 62° 08' E, with the Southeast Right-of-Way line of F. M. Highway 2837, a distance of 199.63 feet from the existing Northeast corner of said Trippet tract;

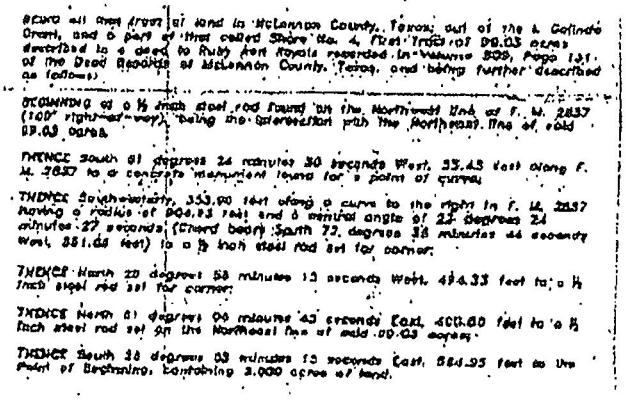
THENCE S 27° 51' E a distance of 60.00 feet to a point;
THENCE S 62° 08' E a distance of 50.00 feet to a point;

THENCE N 27° 51' W a distance of 60.00 feet to a point in the Southeast Right-of-Way line of F. M. Highway 2837;
THENCE N 62° 08' E with the Southeast Right-of-Way line of F. M. Highway 2837, a distance of 50.00 feet to the place of beginning and containing 0.07 acres of land more or less.

TRACT TWO:

Intentionally Omitted.

TRACT THREE:



Being all that tract of land in McLennan County, Texas, out of the L. Collado Grant, and a part of that called Share No. 4, Tract Three of 99.03 acres described in a deed to Ruby Ann Royals recorded in Volume 909, Page 131, of the Deed Records of McLennan County, Texas, and being further described as follows:

BEGINNING at a ½ inch steel rod found on the Northwest line of F. M. 2837 (100' right-of-way), being the intersection with the Northeast line of said 99.03 acres;

THENCE South 61 degrees 24 minutes 30 seconds West, 33.43 feet along F. M. 2837 to a concrete monument found for a point of curve;

THENCE Southwesterly, 353.00 feet along a curve to the right in F. M. 2837 having a radius of 909.93 feet and a central angle of 22 degrees 24 minutes 27 seconds (Chord bears South 72 degrees 38 minutes 44 seconds West, 351.05 feet) to a ½ inch steel rod set for corner;

THENCE North 20 degrees 58 minutes 13 seconds West, 494.33 feet to a ½ inch steel rod set for corner;

THENCE North 61 degrees 06 minutes 43 seconds East, 400.00 feet to a ½ inch steel rod set on the Northeast line of said 99.03 acres;

THENCE South 28 degrees 03 minutes 13 seconds East, 584.95 feet to the Point of Beginning, containing 3.000 acres of land.

TRACT FOUR:

[illegible] 0.6887 acre tract of land out of the Ignacio Galindo Grant Abstract No. 16 in McLennan County, Texas, and being out of and a part of that certain 43.31 acre "First Tract" and 49.75 acre "Third Tract" as described in a deed to Henry Hahn and Robert Hahn and recorded in Volume 1134, Page 822 of the McLennan County, Texas Deed Records.

Beginning at a 1/2 inch rebar set in the center of County Road No. 106 in the east line of the said "First Tract" S 30° 00' E (Base Bearing, Deed) 104.7 ft. from its northeast corner, same being the southeast corner of the said "Third Tract".

Thence S 60° 00' W, at 20.00 ft. passing a 1/2 inch rebar set for reference in the west line of the road, in all a total distance of 190.00 ft. to a 1/2 inch rebar set for the southeast corner of this.

Thence N 30° 00' W, 200.00 ft. to a 1/2 inch rebar set for the northwest corner of this.

Thence N 60° 00' E, at 170.00 ft. passing a 1/2 inch rebar set in the west line of the said road for reference, in all 190.00 ft. to a 1/2 inch rebar set in the center of the said road, the east line of the said "Third Tract", for the northeast corner of this.

Thence S 30° 00' E (Base Bearing) 200.00 ft. along the said road and the east lines of the said "First Tract" and "Third Tract" to the Point of Beginning.

TRACT FIVE:

Field notes for a 0.19 acre parcel of land in the I. Galindo Grant, Abstract No. 16 in McLennan County, Texas and being out of that parcel of land described in a deed to Walker G. Herman of record in Volume 254, Page 466 of the Official Public Records of McLennan County, Texas. Said 0.19 Acre Parcel being described as follows:

Beginning at a 5/8 inch iron rod found for the most northerly northeast corner of the herein described parcel of land and at the northwest corner of that called 0.07 acre parcel of land described in a deed to Levi Water Supply Corp. of record in Volume 1141, Page 52 of the Deed Records of McLennan County, Texas and being in the south line of Rosenthal Parkway, Farm to Market Highway No. 2837, from where a concrete highway department monument at an offset in the said south line bears S 82 degrees 11 minutes 45 seconds E [BASE BEARING] 290.27 feet,

Thence S 27 degrees 49 minutes 25 seconds E 60.62 feet to a ½ inch iron rod placed at the southwest corner of the said Levi Water Supply tract,

Thence N 62 degrees 02 minutes 20 seconds E 50.00 feet to a ½ inch iron rod placed at the southeast corner of the said Levi Water Supply tract,

Thence S 27 degrees 49 minutes 23 seconds E 50.94 feet to a point for the southeast corner of the herein described parcel from where a chain link fence corner post bears N 73 degrees 02 minutes W 0.6 feet,

Thence S 62 degrees 26 minutes 51 seconds W 89.90 feet to a ½ inch iron rod found for the southwest corner of the herein described parcel of land;

2. Legal descriptions of real property in which the Grantor has a leasehold estate:

None

3. Counties in which real property of the Grantor is located:

McLennan County, Texas (Real Property and Water Utility Facilities)
Falls County, Texas (Water Utility Facilities)

Uniform Commercial Code
P.O. Box 13193
Austin,Texas 78711-3193

Ruth R. Hughs
Secretary of State

Office of the Secretary of State

January 23, 2020

Carpenter & Croft, PLLC
7901 Fish Pond Rd, Suite 210
Waco, TX 76710 -

Filing Fee: $25.00

Total Filing Fee: $25.00

Re: **Texas UCC Amendment Filing Acknowledgment**

The Texas Secretary of State's Office has received and filed your document. The information below reflects the data that was indexed into our system.

Initial Filing Type: **Utility Security Instrument**

Amendment Filing Number: **20-00030494** Initial Filing Number: **16-0005650093**

Filing Date: **01/13/2020** Filing Time: **5:00 p.m.** Lapse Date: **N/A**

Document Number: **939559730002**

Amendment Type: **Amendment**

Please feel free to contact us at 512-475-2703 if you have any questions regarding the above information.
User ID: ETOVAR

Exhibit 1-11

February 28, 2014

Board of Directors-Levi Water Supply Corporation
P.O. Box 490
Lorena, TX 76655

Dear Sirs:

Thank you for continuing to provide water to Mooreville WSC since May 2013. Without service from Levi WSC, the 135 residents of the Mooreville area would be completely without water. When our well collapsed, we immediately contacted engineer Johnny Tabor to assess our well and to identify and evaluate our options. Unfortunately, Mr. Tabor announced in August that he was unable to continue working with us because of a perceived conflict of interest as he also works for Levi WSC.

After many calls to water professionals, state agencies and legislators, we gathered for a community meeting on October 28, 2013 to discuss the increasing urgency of our situation and to identify any possible solutions. We immediately began preparing data and documentation to apply for financial assistance through the Texas Water Development Board's Economically Distressed Area Program grant.

Our EDAP grant application is scheduled for TWDB review on March 17, 2014. The application for $1,744,690 in funding will cover the costs of an interconnecting line with a neighboring system. Central Texas WSC has tentatively agreed to provide a continuous supply of water to Mooreville WSC indefinitely. We have since retained professional services from The Wallace Group, an engineering firm in Waco, and they have developed a complete work plan for this project. Contingent on the TWDB's approval of our EDAP grant application, construction could feasibly begin in July 2014 and would require approximately one year for completion.

We are serious about planning for the future, and we are taking action to secure a continuous source of water. Our Board has spent numerous hours meeting with representatives of TWDB and TCEQ. During the past several months, Mooreville WSC has increased water usage rates, identified and repaired multiple leaks,

developed a system for tracking leaks and line repairs, and implemented a conservation awareness program among our customers. We are also seeking additional funding for the replacement of our existing distribution lines and other improvements.

A solution to our long-term water needs has been identified yet we must rely on your support until the project can be completed. We respectfully request your continued patience and cooperation as our short-term water provider.

Sincerely,

Carroll Huber

Mooreville Water Supply Corporation

Carroll Huber, President

Exhibit 1-13

Present: Jim Sheffield, Chris Miller, John Hahne, Brad Berry & Larry Groth
Operators: Don & Linda Brandon
Others in attendance: Mary Margaret Croft, attorney; Michael & Cari Fincher; Eddie & Lillianna McDevitt; Rick Miller

The meeting was started with a prayer and the Pledge of Allegiance.

A. Brad Berry, Vice President asked Jim to call the meeting to order. Jim Sheffield called the meeting to order and determined that a quorum was present. Jim then recognized the visitors.

B. A motion was made by Chris Miller to accept the Minutes of the 3/30/21 meeting, the 4/23/2021 work session and the 4/27/21 Annual Meeting with one correction to the 3/30/21 minutes Item F, Line 2 to change "a" to "at". 2nd by John Hahne. Passed.

C. Jim Sheffield called for Nominations for Board President. A motion was made by Chris Miller to appoint Larry Groth as President. 2nd by Brad Berry. Passed.

   A motion was made by Chris Miller to appoint Brad Berry as Vice-President. 2nd by John Hahne. Passed.

   The nomination for Secretary was deferred to another meeting.

   Chris Miller was retained as the Treasurer.

D. Jim Sheffield informed the Board that Mike Meadows had tended his resignation effective immediately at the close of the 4/27/21 meeting. A motion was made by Chris Miller to remove Mike Meadows as an authorized signatory and to add Larry Groth as an authorized signatory on the bank account. 2nd by John Hahne. Passed.

   Jim Sheffield informed the Board that Connie Wedemeyer had shown an interest in serving on the Board. She is highly qualified and has lived on the system for over 30 years. Dave Talbert has also expressed an interest in serving.

   To follow the election procedures, it is necessary to fill a vacant Board position within 60 days after the resignation of a Board member.

   A motion was made by Brad Berry to accept Connie Wedemeyer as the Board Secretary. 2nd by Chris Miller. Passed.

E. Larry Groth recognized Michael Fincher and asked him to address the Board with his request for a meter on Monument Trail. Fincher informed the Board that his aunt, Cathy Burton had made application for a new meter in Dec. '19 and was approved for the meter on 1/22/20 and given

60 days to pay for the meter and start paying the monthly minimum. The installation of this meter would be subject to the applicant paying for a road bore. Burton did not respond to the letter. The Finchers bought the property from Burton and were under the impression that it was necessary for them to own the property before they could apply for a meter. Once their Warranty Deed was recorded, they applied for a meter on 3/1/21. At the Board Meeting on 4/23/21, a decision was made to not sell any more meters until an additional source of water could be secured. In the meantime, the Finchers had closed on a loan to build their new home.

Prior to the Fincher application, Keith Helpert had requested 7 meters on Kramer Pass. Because of meter availability, the Board was only able to approve 3 meters.

Groth explained that an additional water supply is the 1st issue. They have talked to the City of Waco and to Robinson to see if they would consider selling water to Levi. Because both of these systems are supplied by surface water, mixing disinfectants would present issues. The best option is to dig a well and build a plant in Falls County. This option would cost appx. $2M and would most likely raise the monthly minimum by $15-$20/month per connection.

Groth explained that the Board would continue to explore everything possible but until an additional water source was secured, the Board could not offer an approval of the Fincher's meter request. Fincher expressed his appreciation for Jim Sheffield's courtesy and the Board's honesty. The Finchers expressed appreciation of any flexibility to the meter moratorium.

Mr. & Mrs. Thomas McDevitt addressed the Board regarding their request for a 2nd meter on their property in Falls County on Southwinds. What started out as a one room renovation of a barn for their son evolved into a 2 bedroom barndo for his mother-in-law. During the construction the builder had not contacted Levi WSC requesting a meter for the renovation. The McDevitt's made application the day before the April Board Meeting when the barndo was 2 weeks from completion. The mother-in-law has sold her property in Georgia and has moved to Texas in anticipation of moving into the barndo. McDevitt asked if the Board would consider allowing them to run water to the barndo from their personal line as a temporary fix until a new meter could be obtained. Groth explained to the McDevitts that unfortunately they were subject to the same answer that he had given the Finchers.

F. The Iron Bridge project has not been connected to Amanda Acres or Foxtrot at this time. It was discovered that there was already a casing under the road on Amanda Acres so once the project is completed, it could possibly come in under budget.

G. Jim Sheffield reported that he had contacted Golinda WSC to see if they would restore the emergency interconnect with Levi WSC. Golinda is presently at 75% storage capacity and may be willing to sell some water to Levi but this arrangement would need to be long term and not temporary. Levi may consider helping Golinda pay for updated storage.

Jim also reported that if West Brazos WSC had water to sell, it would have to go through Golinda WSC.

The City of Robinson may consider selling some water but that would cause chlorination issues.

Mooreville WSC only has a 4" line & their line already has leak issues.

Larry Groth will talk with Rural Development for information on loans and/or grants.

Jim reported that that Cargill Farms may have 500 acre feet of extra water.

Scooter Ratliff with Southern Trinity gave Jim a list of other water systems that were under the jurisdiction of STGCD to contact for any extra water they may be willing to sell.

H. The Berry's have estimated the cost of the new fill line to Plant 3 to be $10,000 + $3,000 valve. The well pump at Plant 3 has had 3 issues recently. Jurgensen Pump is working on an estimate for installing a new 75 gpm pump at Plant 3. Plant 3 would be down for at least 2 weeks during the change out.

I. Approval of the budget was deferred at the Annual Meeting. A motion was made by Brad Berry to approve the Budget as presented. 2nd by John Hahne. Passed.

J. The discussion on rate tiers/structure was deferred to the next meeting for input by Connie Weddemeyer. Chris Miller said that she would like to see a break down in 10,000 gallon increments from 10,000 to 50,000 gallons. Larry Groth would like to disregard the TRWA proposed budget.

K. Jim Sheffield asked the Board to consider renewing South Cow Bayou's Management Agreement for 5 years with a provision added that if Levi WSC goes to auto-read meters, Don would reduce his rate by $1.75 per meter. A motion was made by Brad Berry to approve the Agreement with the provision added to reduce the rate by $1.75 per meter if Levi WSC goes to auto-read meters. 2nd by Chris Miller. Passed.

L. Jim Sheffield informed the Board that Levi WSC currently uses John McAnally as their CPA, Mary-Margaret Croft with Carpenter & Croft, PLLC, as their attorney and Ginger Tolbert with KPA, as their Engineer. Larry Groth said that he would entertain using a new CPA every few years.

M. Jim Sheffield informed the Board that CoBank requires an Audit every 3 years and an audit for 2021 will be due in 2022. Connie Wedemeyer can help with this Audit.

N. Jim Sheffield informed the Board that he was not happy with their current credit card vendor. He would like for the Board to consider allowing him to look for another vendor that would let the customers deal directly with the vendor rather than the Levi office staff having the responsibility of taking the customer's credit card info. He would also like one that can send text and/or email alerts. Larry Groth said that the Board would allow Jim to research and choose the vendor that he feels would best serve Levi WSC.

O. Jim Sheffield informed the Board that he finds the Water Loss Report and the Income vs. Expenses Report the most beneficial for finding problems.

P. After some discussion, the Board decided to continue to charge $150 for a Service Investigation Fee a standard 5/8" meter request.

Q. The Board convened into closed session.

The Board reconvened into open session and the meeting was adjourned at 7:35 p.m.

Respectfully submitted,

Linda Brandon

Exhibit 1-13

GOLINDA WATER SUPPLY CORPORATION

6658 Golinda Drive

Lorena TX 76655

Jim Sheffield
General Manager, Levi WSC
2757 Rosenthal Pkwy, Lorena, TX 76655

February 25, 2022

Golinda WSC has an emergency interconnection with Levi WSC. The connection was established for emergency situations only. Golinda WSC does not reserve any capacity nor have the infrastructure in place to provide or sale Levi WSC potable water on a continual basis.

Any further questions or concerns can be emailed to me at berryutility@gmail.com or I can be reached at 254.749.3294.

Brandon Berry
Operator, Golinda WSC