



Control Number: 49269



Item Number: 10

Addendum StartPage: 0

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2019 JUL -1 PM 1:05

PUBLIC UTILITY COMMISSION
FILING CLERK



June 6, 2019

Public Utility Commission of Texas

Central Records
1701 N Congress
Suite 8-100
Austin, Texas 78701

Re: ***Jackson Water Supply Corporation - Docket No. 49269***

The purpose of this letter is to provide information requested from the Public Utility Commission of Texas that is required on or before July 1, 2019 in reference to the PUC Interoffice Memorandum dated May 23, 2019. Please see below for the following requested information.

Mapping Content and Notice Deficiencies:

After further review of the mapping content, the requested area A1 map has been updated to reflect the approximate acres to be 2,382 acres and the requested area A2 map has been updated to reflect the approximate acres to be 1,802 acres, and the approximate acres for both A1 & A2 have been updated on our maps to be approximately 4,184 acres in total.

The ten hard copies and one original of the revised maps are attached. The digital files required are on the four CDs. The attached changes of the maps were uploaded on the PUC Interchange Filer on June 5, 2019. The tracking number is CYOVMZCG.

The number of existing customer connections in requested area A1 is 63 and in requested area A2 is 0. There are potential customer connections in area A2 for future expansion of the system.

The system maps for Jackson WSC for the requested areas that reflect the existing number of customers connections are attached. The map index shows the entire system map for Jackson WSC. Requested area A1 customer connections are reflected in sheets 31-33 and 38. Requested area A2 customer connections are reflected in sheets 22, 29, 36, and 37.

The description of the location for requested area A2 as required on #33, page 11 of the application is as follows:

- Closest city or town: TYLER
- Approximate mileage to closest city or town center: 18 MILES
- Direction to closest city or town: WEST
- The requested area is generally bounded on the North by: SH 31
- On the East by: CR 246
- On the South by: CR 26
- On the West by: CR 233

Application Content

I apologize for the confusion but construction is not necessary to serve future connections in the proposed service areas A1 and A2. Jackson WSC has ample capacity in source water, high service pump capacity, pressure tank capacity, and total storage capacity to take on additional service connections. We simply wanted to mention that Jackson WSC is in the process of planning and design on a new water well as an example of their pro-activeness to prepare for growth. Please see attached TCEQ minimum capacity table illustrating sufficient capacity for all TCEQ required capacities.

Area of Concern

In regards to "need of service" for Area A1, the WSC does actually already serve customers in this area, see attached system maps. The WSC has received additional requests for service in this area but no formal petition. Area A2 does not have existing customers but has had a formal petition for water service.

Sincerely,
Schaumburg & Polk, Inc.

Travis Reed

Travis Reed, P.E.
Project Manager

Attachments: PUC Filing submission confirmation
Jackson WSC Water CCN Boundary Limits – A1
Jackson WSC Water CCN Boundary Limits – A2
Jackson WSC Water CCN Boundary Limits – A1 & A2
System Map for Jackson WSC in requested area A1 and A2
Jackson WSC – TCEQ Minimum Capacity Requirements



Courtney Latham <clatham@spi-eng.com>

PUC Filing submission confirmation.

noreply@puc.texas.gov <noreply@puc.texas.gov>
To: clatham@spi-eng.com

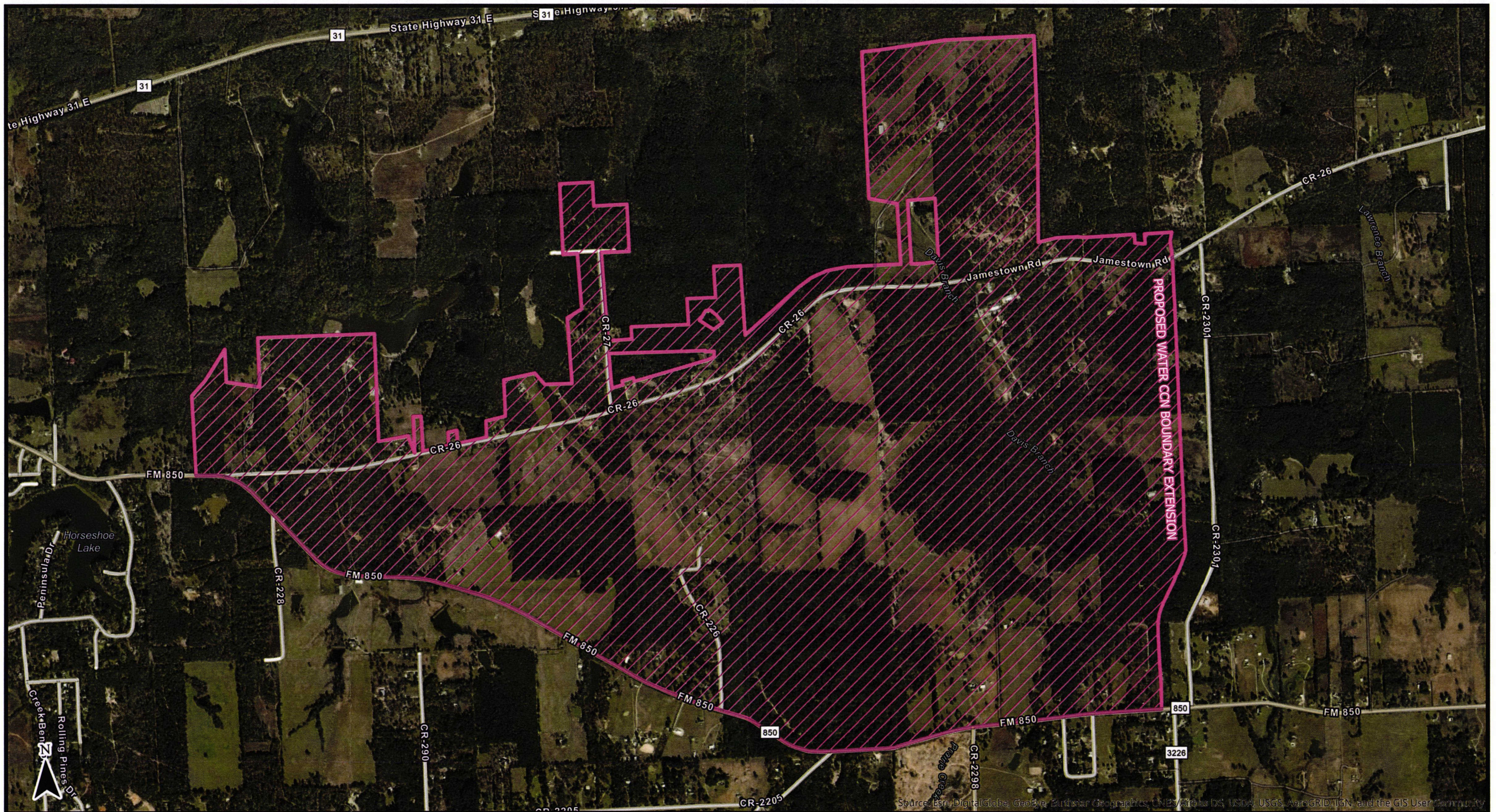
Wed, Jun 5, 2019 at 9:26 AM

Filing Complete**Next Steps:**

You have completed the electronic portion of your filing, however, in order for the PUC to be able to process your filing, you must submit this tracking number with your paper copies. You may print and include this page or the confirmation email you received. For any questions about the number of copies, please see the following page:
<http://www.puc.texas.gov/industry/filings/FilingProceed.aspx> **Central Records: (512) 936-7180**


Tracking Number: CYOVMZCG

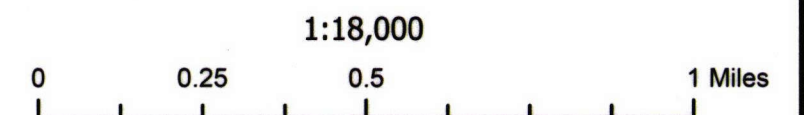
Filing Submitted on	6/5/2019 9:26:32 AM
Control Number	49269 APPLICATION OF JACKSON WATER SUPPLY CORPORATION TO AMEND A WATER CERTIFICATE OF CONVENIENCE AND NECESSITY IN SMITH COUNTY
Filing Party	JACKSON WATER SUPPLY CORPORATION
Filing Type	REQUEST FOR INFORMATION
Description	Revised maps and shapefiles based on mapping deficiencies comments from recommendation on administrative completeness.
Documents	Jackson WSC Proposed CCN-A1 & A2.pdf Jackson WSC Proposed CCN-A1.pdf Jackson WSC Proposed CCN-A2.pdf Proposed Water CCN Boundary A1.cpg Proposed Water CCN Boundary A1.dbf Proposed Water CCN Boundary A1.prj Proposed Water CCN Boundary A1.sbn Proposed Water CCN Boundary A1.sbx Proposed Water CCN Boundary A1.shp Proposed Water CCN Boundary A1.shp.xml Proposed Water CCN Boundary A1.shx Proposed Water CCN Boundary A2.cpg Proposed Water CCN Boundary A2.dbf Proposed Water CCN Boundary A2.prj Proposed Water CCN Boundary A2.sbn Proposed Water CCN Boundary A2.sbx Proposed Water CCN Boundary A2.shp Proposed Water CCN Boundary A2.shp.xml Proposed Water CCN Boundary A2.shx
Addendum Included	No
Submitted By	Courtney Latham 320 S. Broadway Ave Suite 200 Tyler, TX 75702 9035953913 clatham@spi-eng.com



Jackson WSC Water CCN Boundary Limits - A1




 Proposed Water CCN Boundary A1
*Approximate Acreage for A1=2,382 Acres



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



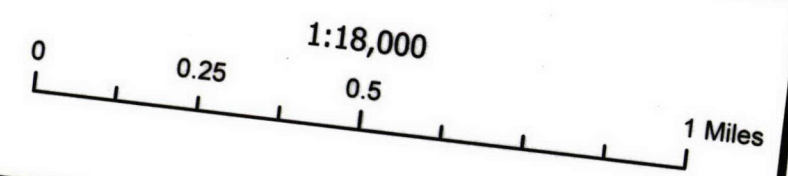
PROPOSED WATER CCN BOUNDARY EXTENSION

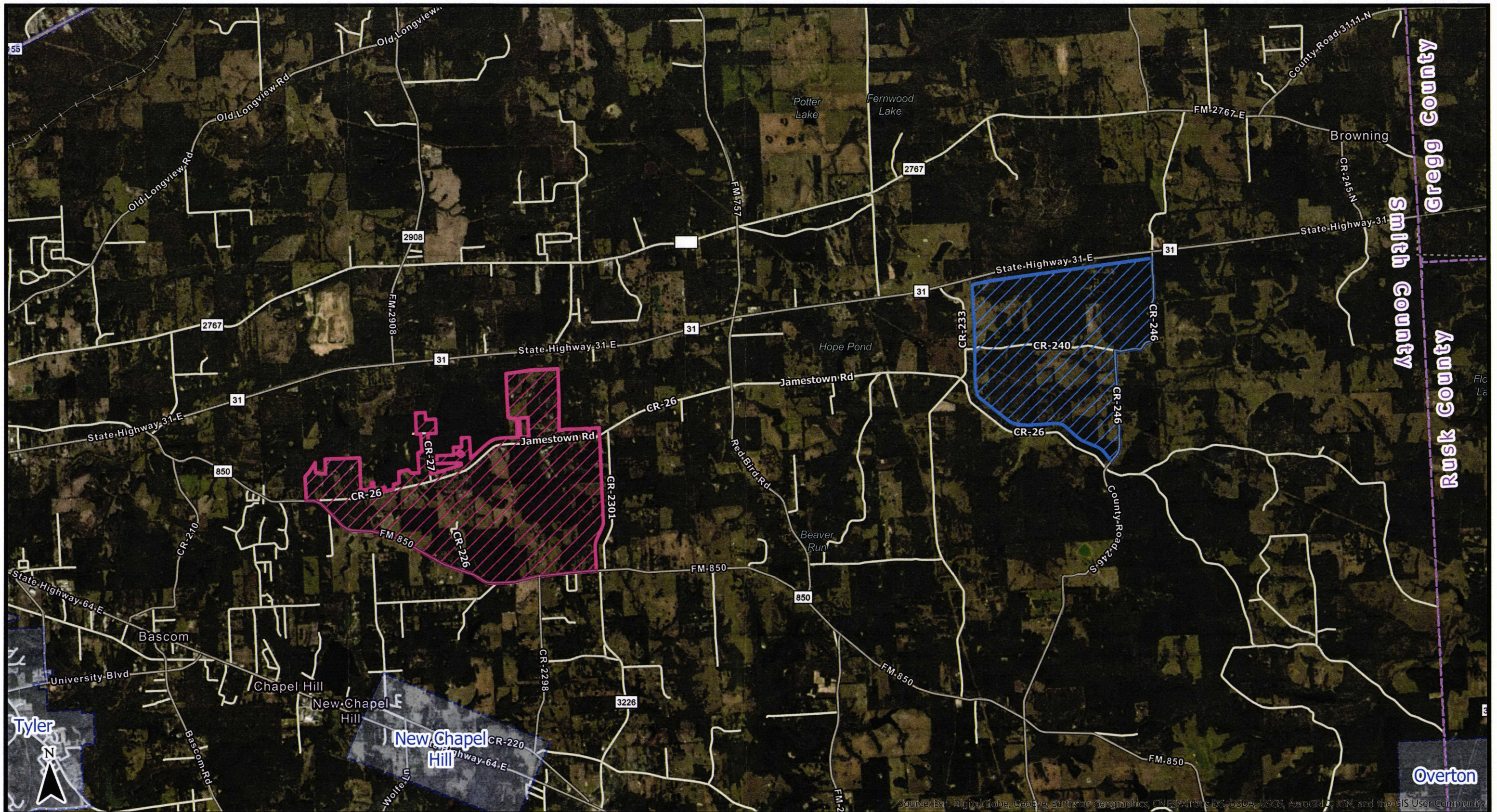
 Proposed Water CCN Boundary A2
*Approximate Acreage for A2=1,802 Acres

Jackson WSC Water CCN Boundary Limits - A2

JWSC
JACKSON WATER SUPPLY CORP.

SPI
SCHAUMBURG & POLK, INC.





- Proposed Water CCN Boundary A1
- Proposed Water CCN Boundary A2
- City Limits
- County Boundary

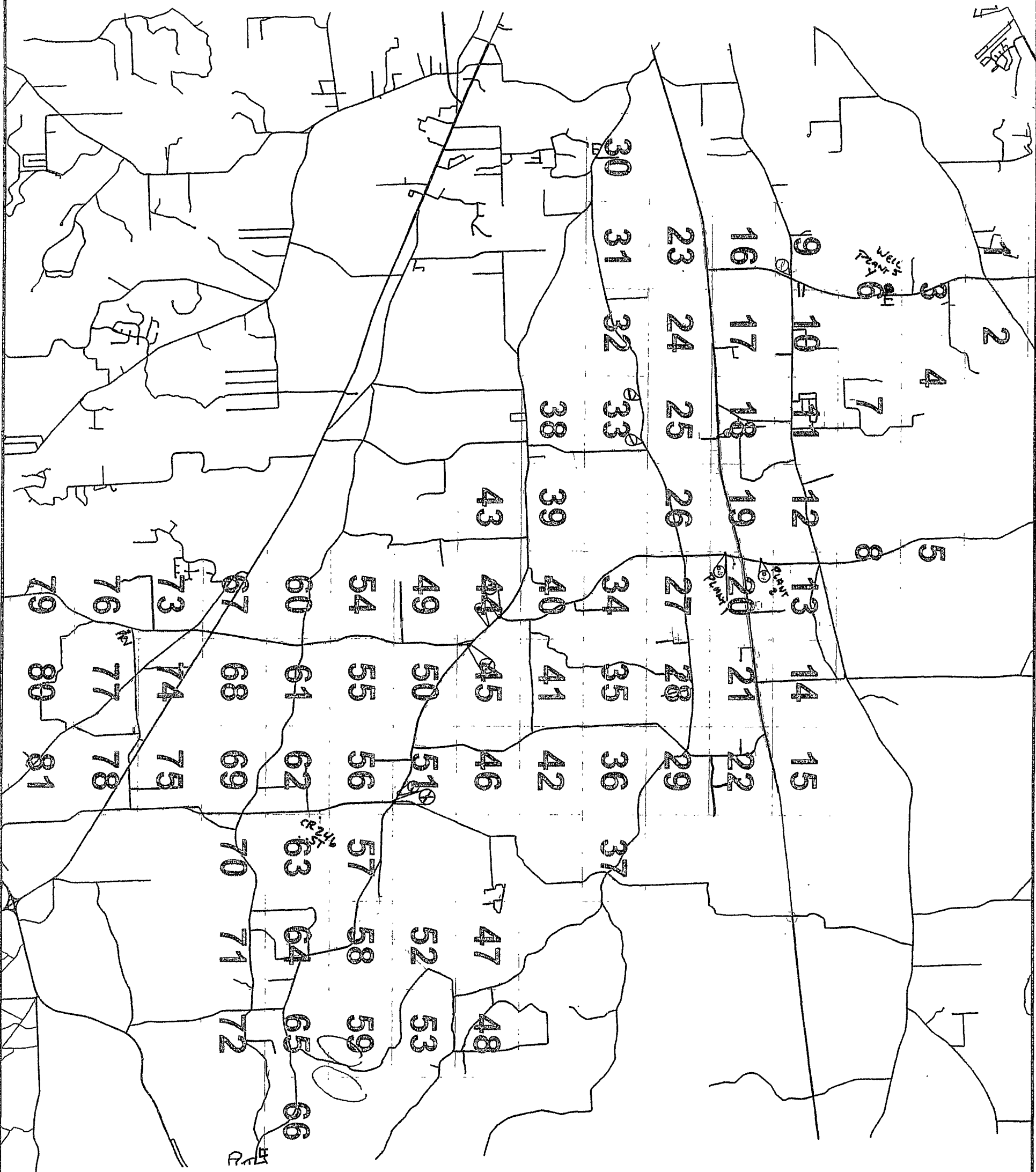
Jackson WSC Water CCN Boundary Limits -A1 & A2



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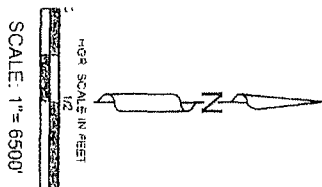
*Approximate Acreage for: A1=2,382 Acres
A2=1,802 Acres
Total=4,184 Acres



MAP INDEX

SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

MAP INDEX



DANIEL & BROWN INC.
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118 McKinney St.
P.O. Box 606
Farmersville, Texas 75442

Phone 972-784-7777
Fax 972-782-7721
www.DBIConsultants.com

DESIGNED: E.W.D. DATE: 11/07/2013
DRAWN: M.K.W. REVISION: 10/11/2016
FILE: N:\Jackson WSC\System Map\System Map 10-7-16

FIRM REGISTRATION NO.:
F-002225

SEE SHEET 30

FM 850

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CR 26

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CR 26

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SEE SHEET 32

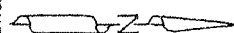
SEE SHEET 23

SHEET 31 OF 81

SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

MAP PAGE

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SCALE IN FEET
SCALE: 1" = 400'

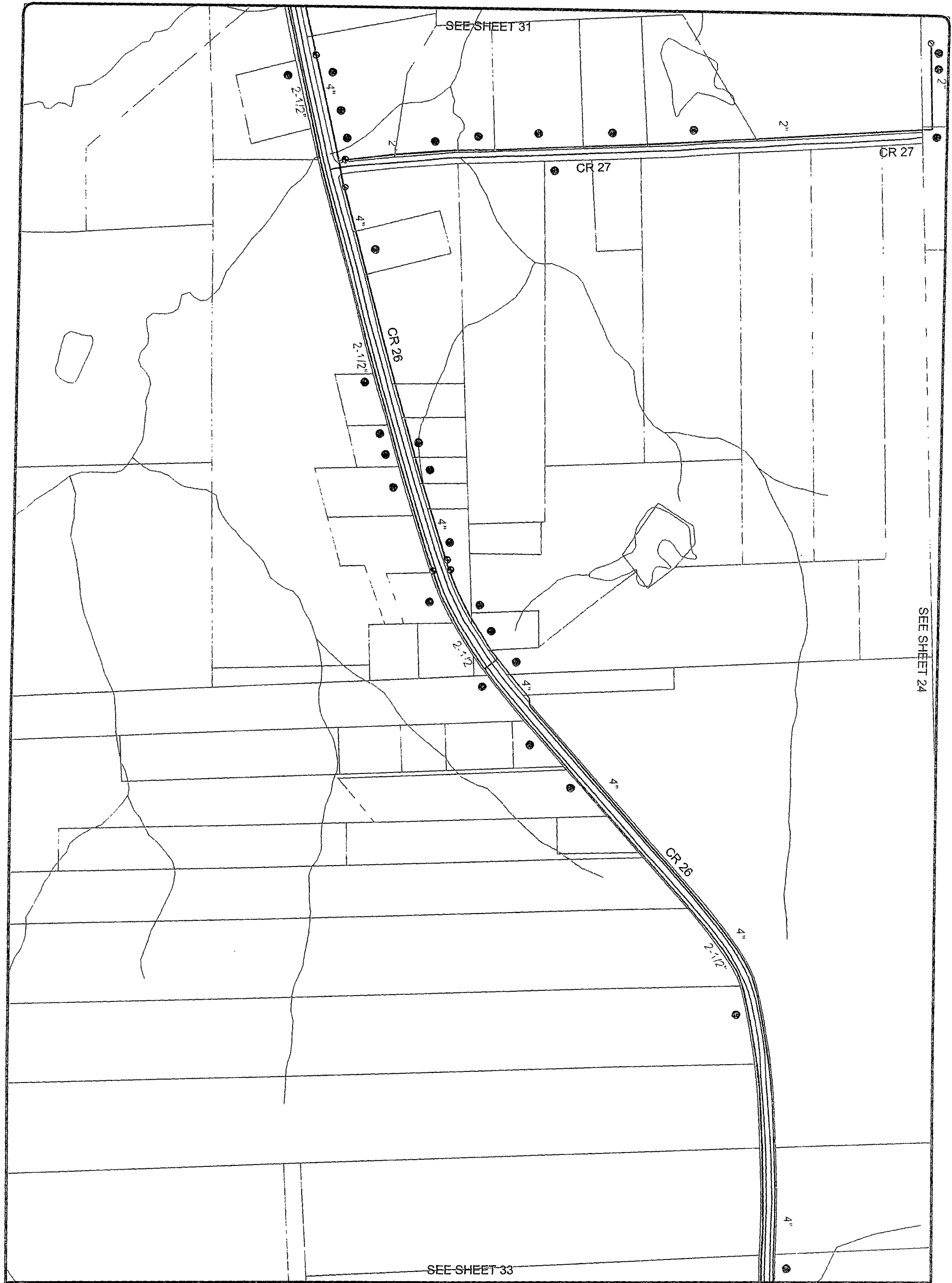


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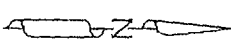


SHEET 32 OF 81

SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

MAP PAGE

SCALE: 1" = 400'



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SEE SHEET 32

• A "W" FOLLOWING THE WATERLINE SIZE DENOTES A TRACER WIRE INSTALLED WITH THE WATERLINE.

SEE SHEET 25

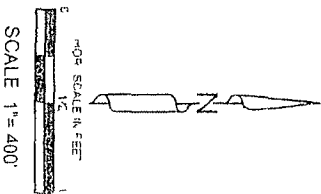
SEE SHEET 38



SHEET 33 OF 81

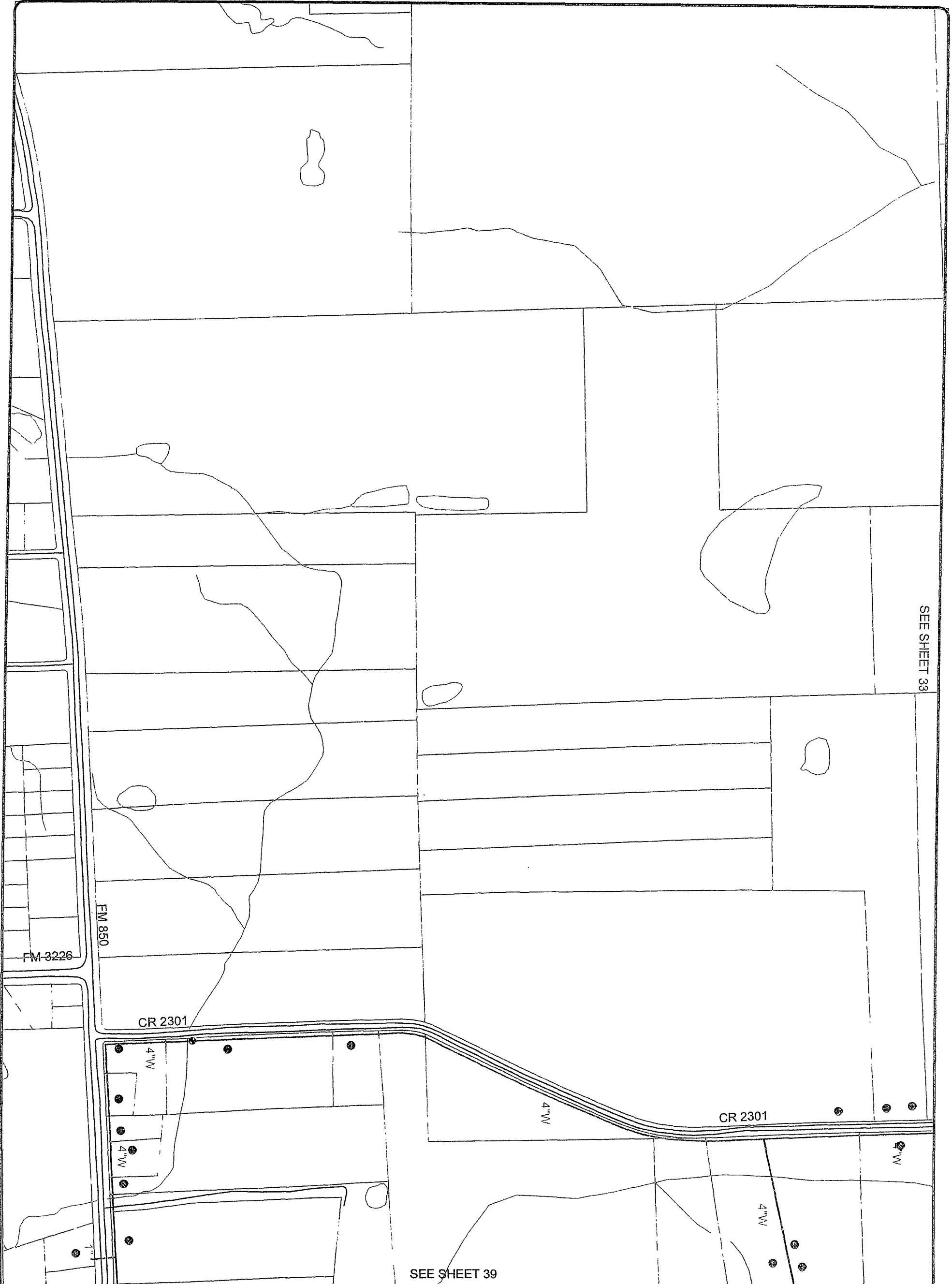
SYSTEM MAP
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SMITH COUNTY, TEXAS

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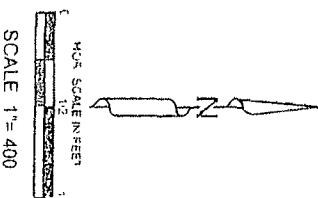
SEE SHEET 33

SEE SHEET 39

SHEET 38 OF 81

SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

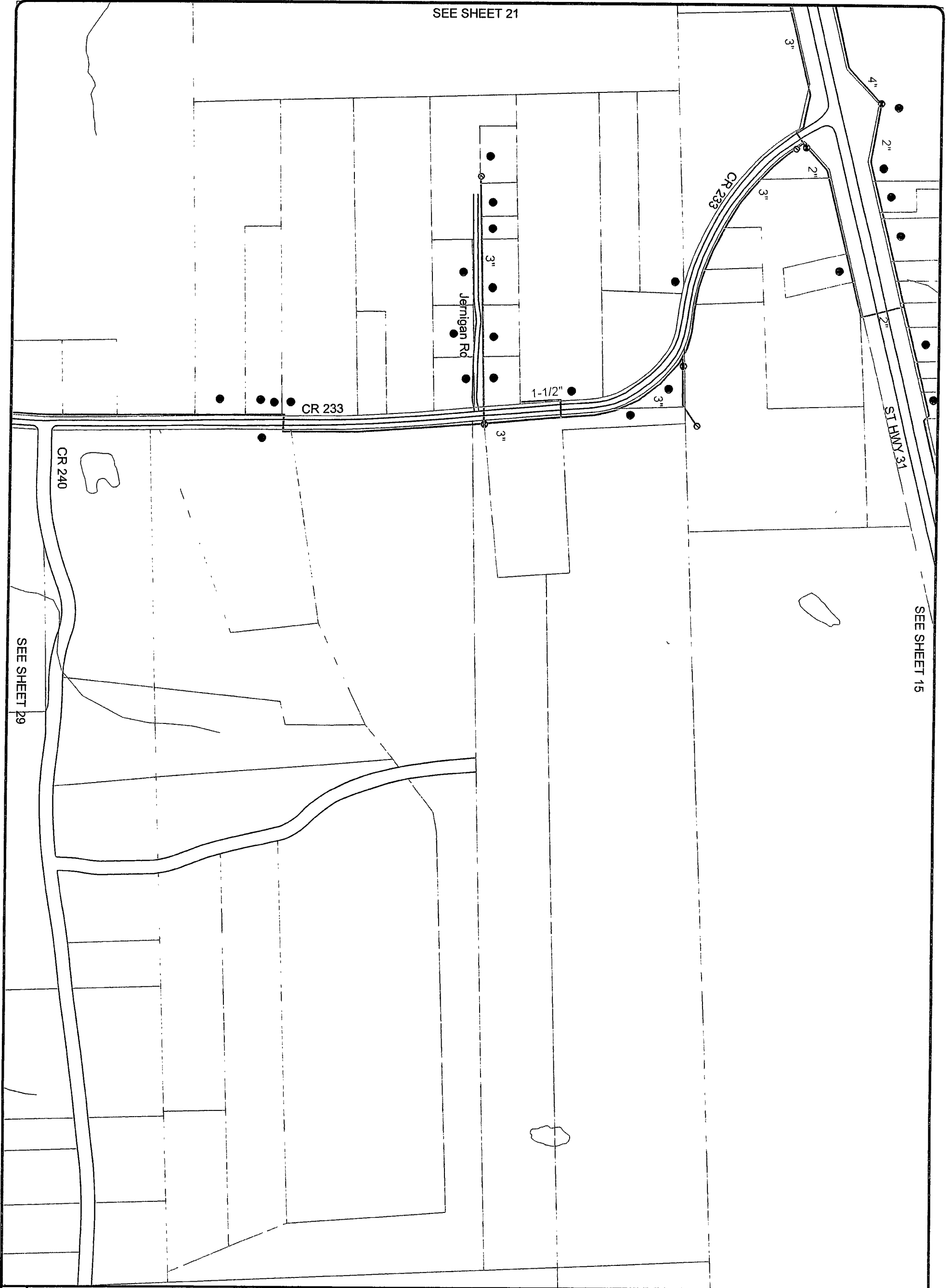
MAP PAGE



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SEE SHEET 29

SEE SHEET 21

SEE SHEET 15

CR 240

CR 233

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ST HWY 31

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SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

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SCALE: 1"=400'

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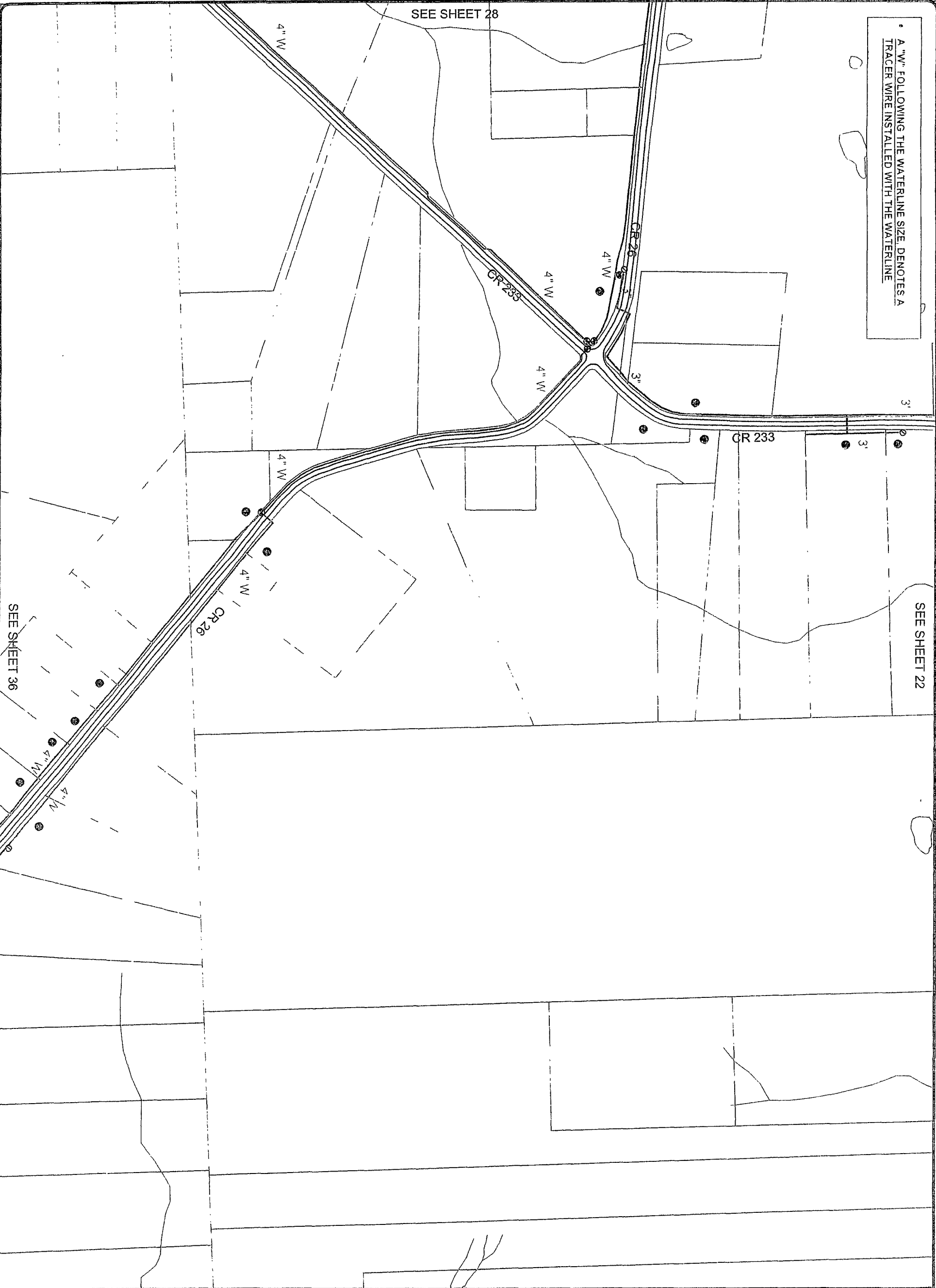
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FIRM REGISTRATION NO.:
F-002225

SHEET 22 OF 81

MAP PAGE



SHEET 29 OF 81

SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

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F-002225

CR 233

SEE SHEET 35

A "W" FOLLOWING THE WATERLINE SIZE, DENOTES A TRACER WIRE INSTALLED WITH THE WATERLINE.

SEE SHEET 29

SEE SHEET 42

CR 26

4" W

4" W

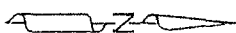
SEE SHEET 37

SHEET 36 OF 81

SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

MAP PAGE

HOR. SCALE IN FEET
SCALE: 1" = 400'



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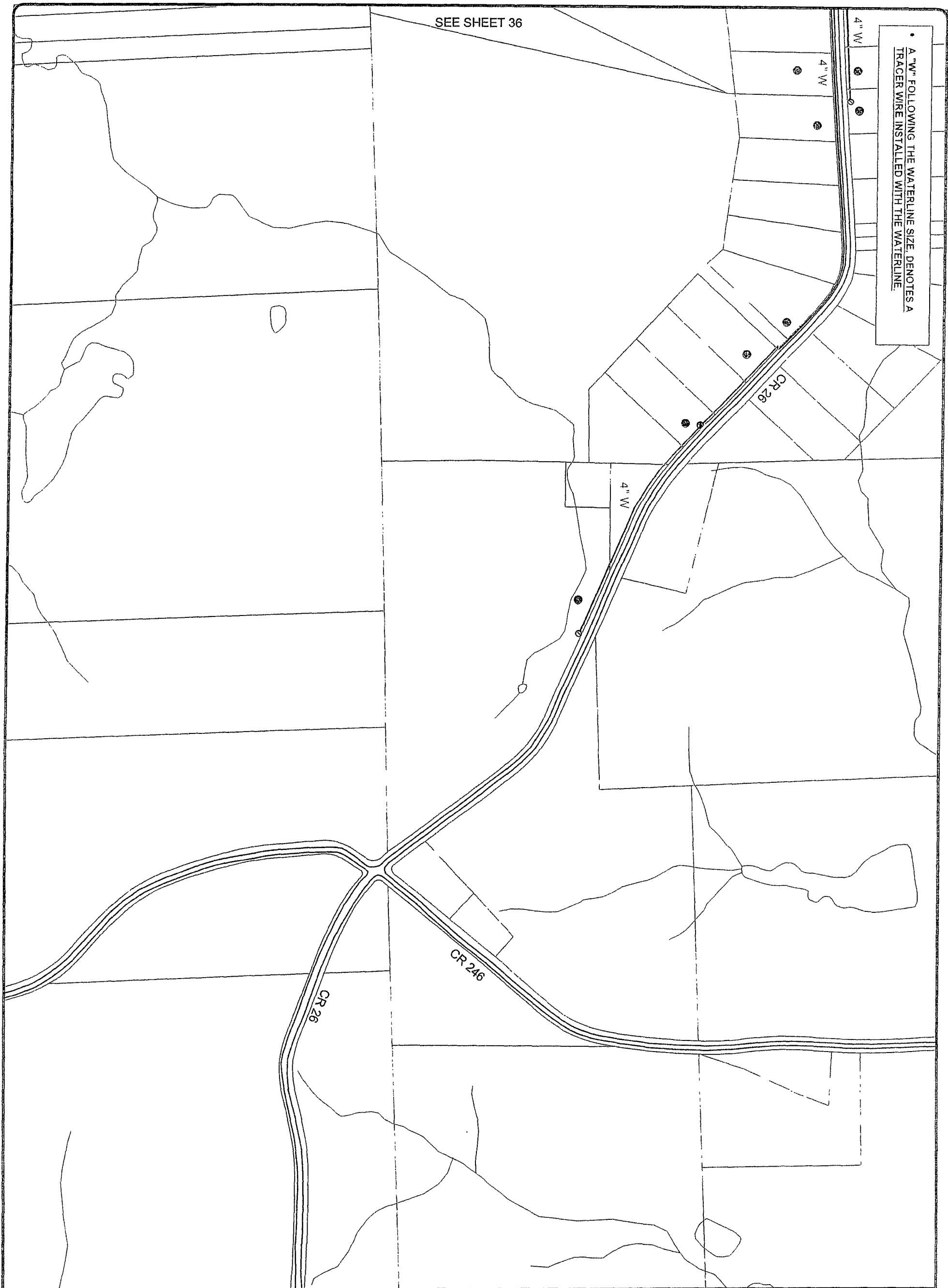
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SHEET 37 OF 81

SYSTEM MAP
FOR
JACKSON WATER SUPPLY CORPORATION
SMITH COUNTY, TEXAS

MAP PAGE

SCALE 1" = 400'

FOR SCALE IN FEET
1/2
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FILE: N:\Jackson WSC\System Map\System Map 10-7-16		

Jackson WSC
TCEQ Minimum Capacity Requirements
Existing Water Distribution System- South Pressure Plane
TCEQ Min Capacity Based on Connections Served and EXISTING Capacity as % of Required

Year	Connections	Total Supply/Purchase Capacity (0.35 gpm/conn)		Total Storage Capacity (200.0 gal/conn)		Total Elevated Storage Capacity (100.0 gal/conn)		High Service Pump Capacity (2.0 gpm/conn)		Pressure Tank Capacity (20.0 gal/conn)	
		Required	% of Required	Required	% of Required	Required	% of Required	Required	% of Required	Required	% of Required
2018	1,195	418.3 gpm	63.3%	239,000.0 gal	71.8%	39,435 gal	64.2%	2,390.0 gal	113.7%	16,013.0 gal	62.3%
2019	1,207	422.4 gpm	63.9%	241,346.9 gal	72.5%	39,822 gal	64.9%	2,413.5 gal	114.8%	16,170.2 gal	62.9%
2020	1,219	426.5 gpm	64.5%	243,716.8 gal	73.2%	40,213 gal	65.5%	2,437.2 gal	115.9%	16,329.0 gal	63.5%
2021	1,230	430.6 gpm	65.1%	246,045.1 gal	73.9%	40,597 gal	66.1%	2,460.5 gal	117.1%	16,485.0 gal	64.1%
2022	1,242	434.7 gpm	65.8%	248,395.7 gal	74.6%	40,985 gal	66.8%	2,484.0 gal	118.2%	16,642.5 gal	64.8%
2023	1,254	438.8 gpm	66.4%	250,768.7 gal	75.3%	41,377 gal	67.4%	2,507.7 gal	119.3%	16,801.5 gal	65.4%
2024	1,266	443.0 gpm	67.0%	253,164.3 gal	76.0%	41,772 gal	68.0%	2,531.6 gal	120.4%	16,962.0 gal	66.0%
2025	1,278	447.3 gpm	67.7%	255,582.9 gal	76.8%	42,171 gal	68.7%	2,555.8 gal	121.6%	17,124.1 gal	66.6%
2026	1,290	451.5 gpm	68.3%	258,024.6 gal	77.5%	42,574 gal	69.3%	2,580.2 gal	122.8%	17,287.6 gal	67.3%
2027	1,302	455.9 gpm	69.0%	260,489.6 gal	78.2%	42,981 gal	70.0%	2,604.9 gal	123.9%	17,452.8 gal	67.9%
2028	1,315	460.2 gpm	69.6%	262,978.1 gal	79.0%	43,391 gal	70.7%	2,629.8 gal	125.1%	17,619.5 gal	68.6%
2029	1,327	464.6 gpm	70.3%	265,490.4 gal	79.7%	43,806 gal	71.3%	2,654.9 gal	126.3%	17,787.9 gal	69.2%
2030	1,340	469.0 gpm	71.0%	268,026.7 gal	80.5%	44,224 gal	72.0%	2,680.3 gal	127.5%	17,957.8 gal	69.9%
2031	1,352	473.2 gpm	71.6%	270,409.7 gal	81.2%	44,618 gal	72.7%	2,704.1 gal	128.6%	18,117.4 gal	70.5%
2032	1,364	477.4 gpm	72.2%	272,813.8 gal	81.9%	45,014 gal	73.3%	2,728.1 gal	129.8%	18,278.5 gal	71.1%
2033	1,376	481.7 gpm	72.9%	275,239.2 gal	82.7%	45,414 gal	74.0%	2,752.4 gal	130.9%	18,441.0 gal	71.8%
2034	1,388	486.0 gpm	73.5%	277,686.3 gal	83.4%	45,818 gal	74.6%	2,776.9 gal	132.1%	18,605.0 gal	72.4%
2035	1,401	490.3 gpm	74.2%	280,155.1 gal	84.1%	46,226 gal	75.3%	2,801.6 gal	133.3%	18,770.4 gal	73.0%
2036	1,413	494.6 gpm	74.8%	282,645.9 gal	84.9%	46,637 gal	76.0%	2,826.5 gal	134.5%	18,937.3 gal	73.7%
2037	1,426	499.0 gpm	75.5%	285,158.7 gal	85.6%	47,051 gal	76.6%	2,851.6 gal	135.7%	19,105.6 gal	74.3%
2038	1,438	503.5 gpm	76.2%	287,694.0 gal	86.4%	47,470 gal	77.3%	2,876.9 gal	136.9%	19,275.5 gal	75.0%
2039	1,451	507.9 gpm	76.8%	290,251.8 gal	87.2%	47,892 gal	78.0%	2,902.5 gal	138.1%	19,446.9 gal	75.7%
2040	1,464	512.5 gpm	77.5%	292,832.3 gal	87.9%	48,317 gal	78.7%	2,928.3 gal	139.3%	19,619.8 gal	76.3%
2041	1,477	517.0 gpm	78.2%	295,429.1 gal	88.7%	48,746 gal	79.4%	2,954.3 gal	140.5%	19,793.7 gal	77.0%
2042	1,490	521.6 gpm	78.9%	298,048.9 gal	89.5%	49,178 gal	80.1%	2,980.5 gal	141.8%	19,969.3 gal	77.7%
2043	1,503	526.2 gpm	79.6%	300,692.0 gal	90.3%	49,614 gal	80.8%	3,006.9 gal	143.1%	20,146.4 gal	78.4%
2044	1,517	530.9 gpm	80.3%	303,358.5 gal	91.1%	50,054 gal	81.5%	3,033.6 gal	144.3%	20,325.0 gal	79.1%
2045	1,530	535.6 gpm	81.0%	306,048.7 gal	91.9%	50,498 gal	82.2%	3,060.5 gal	145.6%	20,505.3 gal	79.8%
2046	1,544	540.3 gpm	81.7%	308,762.7 gal	92.7%	50,946 gal	83.0%	3,087.6 gal	146.9%	20,687.1 gal	80.5%
2047	1,558	545.1 gpm	82.5%	311,500.8 gal	93.5%	51,398 gal	83.7%	3,115.0 gal	148.2%	20,870.6 gal	81.2%
2048	1,571	550.0 gpm	83.2%	314,263.2 gal	94.4%	51,853 gal	84.5%	3,142.6 gal	149.5%	21,055.6 gal	81.9%
2049	1,585	554.8 gpm	83.9%	317,050.0 gal	95.2%	52,313 gal	85.2%	3,170.5 gal	150.8%	21,242.4 gal	82.7%

*33% of Connections

* Shows Capacity Exceedance, but no violation has been issued because HSP capacity is greater than 1000 gpm and peak demand can be met with the largest pump offline

*67% of Connections

Existing Water Treatment Facilities	
Supply/Purchase Capacity	661 gpm
Elevated Storage Capacity	61,400 gal
Total Storage Capacity	333,000 gal
Pressure Tank Capacity	25,700 gal
High Service Pump Capacity	2,102 gpm

CD ('S) ATTACHED

**CONTACT CENTRAL
RECORDS**

512-936-7180