

Staff Report

for the Board of Directors' Meeting of November 14, 2018

TO: Board of Directors

FROM: Chip Close, Water Operations Manager
Shannon Wood, Business Services Technician

DATE: November 2, 2018

**SUBJECT: Iron Horse/Brewer Road District Financed Waterline Extension
Funding Agreements (10)**

OPERATIONS

RECOMMENDATION:

Approve funding agreement with ten (10) property owners within the Iron Horse/Brewer Road District Financed Waterline Extension project.

BACKGROUND:

The District received a petition signed by twelve (12) landowners interested in extending treated water from Armstrong Road to Iron Horse Drive and continuing east on Brewer Road.

The Engineering Committee recognized this group March 21, 2017. The project proposes approximately 7,650 lf of 8-inch pipe, potentially serving 24 parcels. The Administrative Practices Committee reviewed the project at the May 1, 2018 meeting. Subsequently, the Board of Directors encumbered funds on May 23, 2018.

Staff held a neighborhood kickoff meeting on June 19, 2018 which resulted in the District receiving 12 applications. Good faith deposits in the amount of \$7,193 were requested from those applicants; of which 10 were received.

Funding Agreements have been prepared for and executed by 10 property owners who applied to participate in this project.

BUDGETARY IMPACT: This project was identified within the 2018 budget with a project estimate total of \$1,515,876 and funds encumbered by the BOD as noted above.

/sm

Attachments (1):

- Funding Agreement w/Exhibits (Sample 1 of 10)
- Map

RECORDING REQUESTED BY:

Nevada Irrigation District

WHEN RECORDED MAIL TO:

**Nevada Irrigation District
1036 W. Main Street
Grass Valley, CA 95945-5424**

APN: 056-370-026

SPACE ABOVE THIS LINE FOR RECORDER'S USE
No Fee for Recording Per G.C 6103/27361.3

FUNDING AGREEMENT for JOHNSON

(District Financed Waterline Extension) Iron Horse/Brewer Road Waterline Extension

THIS AGREEMENT made and entered into this ____ day of _____, 2018, by and between the NEVADA IRRIGATION DISTRICT, hereinafter referred to as "DISTRICT" and Darrell W. Johnson and Cheryl A. Johnson, as Trustees of the Darrell W. and Cheryl A. Johnson Living Trust Dated May 12, 2003, hereinafter referred to as "PARTICIPANT", sets forth the terms and condition under which District shall provide the up-front financing for the installation of a treated water pipeline to serve lands of PARTICIPANT and lands of other beneficiaries and by which PARTICIPANT shall pay back amounts advanced by DISTRICT with billings for bi-monthly water charges.

RECITALS

WHEREAS,

1. PARTICIPANT is the owner of Nevada County Assessor Parcel Number 056-370-026, hereinafter referred to as "PARCEL." PARCEL, having a site address of 21998 Iron Horse Drive, Grass Valley, is described in vesting deed recorded on June 1, 2015, at Document Number 20150012366, Nevada County Records, and is generally shown as "PIQ" (Parcel in Question) on Exhibit "A", attached hereto and made a part hereof. All other parcels participating in the project are also shown in Exhibit "A".
2. PARCEL does not currently have DISTRICT treated water service available.
3. PARTICIPANT owns one parcel in a group of several other participating parcels, the owners of which also desire treated water service from DISTRICT.
4. DISTRICT has completed a water service study to determine requirements for water service availability to the PARCEL and other parcels participating in the project all as shown in Exhibit "A". The water system improvements required to provide service are known as the Iron Horse/Brewer Road Waterline Extension Project, and are shown schematically in Exhibit "A", and are collectively referred to herein as "WLE".

5. DISTRICT'S regulations provide for the extension of waterlines at the request of landowners whose land is otherwise eligible for service upon payment by landowners of the cost of said extension. PARTICIPANT has requested consideration by DISTRICT of extending a waterline to PARCEL, and other parcels that can benefit therefrom, with the costs to be advanced by DISTRICT in consideration for PARTICIPANT'S promise to remit its share thereof through monthly installment payments.
6. DISTRICT'S regulations further provide that before water service can be provided to any parcel(s), an acceptable agreement securing payment of charges for all DISTRICT'S capital facilities must be executed prior to the time of connection. Included within such charges are the District's System Capacity Charge, the Connection Fee, and the costs of any pipeline needed to extend service from the nearest DISTRICT mainline to the parcel(s) to be served. These charges are generally referred to collectively hereafter as a "connection charge."
7. DISTRICT is willing to provide treated water service to the PARCEL by extending DISTRICT facilities.
8. DISTRICT will advance funding for the WLE provided PARTICIPANT, as PARCEL owner, agrees to repay the fair share of the actual total project cost for providing water service to PARCEL, including a surcharge required to restore to DISTRICT its interest income that was lost due to the advance, and provided further that all other parcels participating in the WLE agree to equivalent terms and conditions.
9. PARTICIPANT will repay DISTRICT'S advance of the connection charge through payment of a service extension charge billed in installments by DISTRICT in addition to the regular treated water charge billed to PARTICIPANT for water service to the PARCEL. The service extension charge shall be separately shown on the bill remitted for bi-monthly water service charges.
10. PARTICIPANT agrees the service extension charge is a connection charge the payment of which in full is a pre-requisite to service to the PARCEL.
11. PARTICIPANT agrees that the service extension charge will be treated as a connection charge for billing and collection purposes and that DISTRICT may secure payment thereof by discontinuance of service. PARTICIPANT agrees that the unpaid balance of the PARCEL'S *Total Charge*, as defined below, shall be considered a lien against the PARCEL, and is currently due and owing as set forth herein.

NOW, THEREFORE, the parties mutually agree as follows:

A. DEFINITIONS:

1. PARTICIPANT: Owner(s) of the PARCEL as identified herein which is/are a party to this agreement.
2. Participating Parcels: Those parcels identified in Exhibit "A" by their Assessor Parcel Numbers and by which owner(s) have executed a valid Treated Water Service Extension Agreement, including the PARCEL as identified herein. For the purposes of this agreement, the total number of *Participating Parcels* is set at thirteen (13).

3. Waterline Extension (WLE): All DISTRICT facilities required to provide treated water service to the participating parcels shown in Exhibit "A", including but not limited to, pipelines and appurtenances, fire hydrants, service assemblies, pressure reducing stations, pump stations, storage tanks, land, and easements.
4. Estimated Project Cost: Total project cost as estimated by DISTRICT for purposes of defining PARCEL'S obligations under this agreement, said estimate being shown in Exhibit "B" attached hereto and made a part hereof.
5. Total Project Cost: All costs associated with the design and installation of the WLE, including but not limited to, pre-design, compliance with the California Environmental Quality Act, design, land and easement acquisition, construction contracts, inspection, construction contract administration, consulting services, administration of consulting service agreements, and all DISTRICT material, labor, and equipment, including overhead.
6. PARCEL'S Share: PARCEL'S *Share* of the *Estimated Project Cost* as calculated in Exhibit "C" attached hereto and made a part hereof. PARCEL'S *Share* shall be adjusted to reflect the actual *Total Project Cost*. The actual *Total Project Cost* shall not exceed the *Estimated Project Cost* for the purposes of calculating PARCEL'S *Share*.
7. PARCEL'S Total Charge: PARCEL'S *connection charge, composed of capacity charge(s), meter installation charges for the requested 5/8" water meter(s), and PARCEL'S Share*, less any cash deposits required herein, all as calculated in Exhibit "C". See Exhibit "D" attached hereto and made a part hereof for Schedule 4-A (Capacity and Meter Installation Charges).
8. Payment Recovery Period: The number of months allowed for recovering project costs advanced by District, including a surcharge. For the purposes of this agreement, the *Payment Recovery Period* shall be set at 360 months.
9. Base Monthly Recovery Charge: The monthly charge required to recover PARCEL'S *Total Charge* over the *Payment Recovery Period*, all as calculated in Exhibit "C".
10. Surcharge Multiplier: An integer applied to the *Base Monthly Recovery Charge* for as long as any portion of PARCEL'S *Total Charge* is outstanding that reflects the interest earnings lost by District as a result of funding the WLE. For the purposes of this agreement, the *Surcharge Multiplier* shall be as calculated in Exhibit "C".
11. Service Extension Charge (SEC): The *Base Monthly Recovery Charge* plus the amount derived by the *Surcharge Multiplier*, all as calculated in Exhibit "C". The *Service Extension Charge*, herein after referred to as "SEC", shall be added to the monthly treated water bill for the PARCEL as a line item separate from the consumptive use charges.
12. Subdivision of a Parcel: Any action that creates two or more parcels or separate residential units, including but not limited to condominiums or town homes, which will be described by separate deeds.

B. GENERAL:

1. This agreement shall be recorded with Nevada County.
2. DISTRICT agrees to design and construct, or cause the design and construction of the WLE shown in Exhibit "A". WLE design and construction includes, but is not limited to, pre-design, compliance with CEQA, design, land and easement acquisition, construction, inspection, consulting agreement administration, and construction contract administration. PARTICIPANT agrees that DISTRICT will not be required to contract for construction but may, in its sole discretion, perform any and all above-described project functions with its own employees, material, and equipment.
3. PARTICIPANT agrees that water service will not be available to the PARCEL until DISTRICT completes construction of the WLE shown in Exhibit "A". DISTRICT agrees to diligently pursue construction and completion of the WLE.
4. District does not guaranty a completion date. PARTICIPANT agrees that DISTRICT has many priorities, including other demands for water service, regular operations and maintenance duties, and emergencies, all of which may take precedence over completion of the WLE project within the timeframe expected by PARTICIPANT. PARTICIPANT agrees to hold DISTRICT harmless for any damages or losses caused in whole or in part by any delay in completion of the WLE.
5. PARTICIPANT agrees that PARCEL'S *Total Charge* constitutes a connection charge for the parcel, and although it will be paid through monthly SEC charges for the term of this agreement, payment is a pre-requisite to water service to the PARCEL. PARTICIPANT agrees that the PARCEL'S *Total Charge*, as specified in this agreement, is due, and payable in accordance with the terms of this agreement, at connection and it shall be a lien against the PARCEL.
6. If actual Total Project Costs exceed the Estimated Project Cost, DISTRICT shall not seek reimbursement for such additional costs from participating parcel(s). PARCEL'S *Share* shall not exceed that calculated in Exhibit "C".

C. PARTICIPANT'S DEPOSIT:

PARTICIPANT has paid to DISTRICT a good-faith deposit of \$7,193.00 as calculated in Exhibit "C"; receipt of which is hereby acknowledged. PARTICIPANT'S deposit shall be aggregated with all other deposits received from Participating Parcels. PARTICIPANT agrees that District shall not refund any part of PARTICIPANT'S prorated share of the aggregated total deposit required to reimburse DISTRICT for work performed, and materials and equipment supplied; including overhead charges. The unused balance of said deposit shall be refunded if the DISTRICT fails to provide treated water service through its own actions, not caused nor contributed to by any one participant or group of participants, or due to actions not within the control of DISTRICT, or this agreement is terminated by mutual agreement between DISTRICT and PARTICIPANT.

D. APPLICATION FOR WATER SERVICE:

1. PARTICIPANT has signed and returned a Water Service Application Form for the 5/8" meter(s) requested, a copy of which is attached hereto, marked Exhibit "E" and made a part hereof.

2. PARTICIPANT may request and obtain a service size larger than a 5/8" meter. PARTICIPANT agrees to pay any additional capacity and meter installation charges at the then current rate, and PARTICIPANT further agrees to apply for, obtain, sign and return a revised Water Service Application Form, and pay 100% of such additional charges prior to DISTRICT completing construction of the water system improvements. Failure to complete a revised service application and pay such additional charges shall result in the installation of the 5/8" meter(s).
3. Should DISTRICT, either before or after the commencement of service determine, in its sole discretion, that a backflow prevention device is required, PARTICIPANT shall sign a revised Service Application Form and pay the appropriate fees. Should PARTICIPANT fail to complete a revised service application, including the payment of fees, the service assembly shall be locked in the "off" position and will remain locked until a Water Service Application Form has been submitted and appropriate fees paid, and the DISTRICT has installed and tested the backflow prevention device. Meanwhile, the monthly water bill shall continue and shall include among other charges the SEC. The water bill, notwithstanding the fact that water is not being used, must be paid in a timely manner and in full. Failure to do so shall cause the water bill to become delinquent.

E. WATER BILL:

1. PARTICIPANT agrees that the SEC as defined herein shall be added to the bill for treated water associated with PARCEL. The SEC payments will begin after the District accepts the waterline into the distribution system and the project costs have been reconciled. The SEC will be shown on the bill as a line item separate from charges for water actually used, PARTICIPANT agrees that the SEC is a connection charge the payment of which is a pre-requisite for water service to PARCEL. Failure to pay any portion of the total bill will result in the bill becoming delinquent.
2. PARTICIPANT agrees that once the SEC has been calculated and first appears on a water bill, the SEC shall not change for the duration of this agreement.

F. FAILURE TO PAY THE SEC:

1. PARTICIPANT understands and agrees that failure to pay the portion of the SEC, in part or in whole, shall cause the water bill to become delinquent and may result in the termination of treated water service to the PARCEL and removal of the water meter. For the purposes of this agreement, a water bill shall be considered delinquent at the end of the fifth working day after District issues a service turn-off notice. Also, for the purposes of this agreement, the water bill shall be considered delinquent immediately upon DISTRICT issuing a subsequent notice of turn-off if such notice is issued to the same owners of a *Participating Parcel*. DISTRICT Rules and Regulations in effect at that time shall determine the circumstances under which a turn-off notice is issued.
2. PARTICIPANT agrees that once the water bill becomes delinquent as defined above, water service shall be subject to termination. PARTICIPANT agrees that water service shall not be restored until such time as all delinquent amounts, including but not limited to, all past SEC charges, DISTRICT normal and customary water charges, delinquent charges, interest charges, and service charges have been paid in full.

3. PARTICIPANT agrees that nothing herein shall prohibit DISTRICT from utilizing all other methods for collection of delinquent charges, including delinquent SEC charges, permitted under the California Water Code or other applicable law and consistent with the nature of the PARCEL'S *Total Charge* lien created hereby.
4. PARTICIPANT agrees that PARCEL'S *Total Charge* is not a charge for consumptive water used through the meter nor is it a debt that is personal to PARTICIPANT, but is a connection charge, which is due and owing as a condition to water service being made available to the PARCEL. PARTICIPANT agrees that all delinquent SEC charges, including all SEC late fee penalties, shall be included in the unpaid PARCEL'S *Total Charge* lien against the PARCEL, as set forth in paragraph B.5, above. Should any portion of PARCEL'S *Total Charge* not be paid, for any reason, then such unpaid amount shall remain an obligation of the parcel to be paid prior to service being restored, notwithstanding any sale, transfer, or other change of ownership of the PARCEL.
5. PARTICIPANT agrees that the entire amount of PARCEL'S *Total Charge* lien created hereby shall become due and owing by the PARCEL sixty (60) days after any SEC charge payments become delinquent. PARTICIPANT agrees that DISTRICT may take all necessary action to enforce the lien allowed under the California Water Code or other applicable law.
6. The lien on the PARCEL shall not restrict DISTRICT'S authority to terminate service for delinquent accounts, it being understood that District may seek either of such remedies in its discretion.
7. The PARCEL'S *Total Charge* lien pursuant to paragraph B.5, above, shall terminate upon payment in full of PARCEL'S *Total Charge*.

G. PRE-PAYMENT OF PARCEL'S TOTAL CHARGE:

1. DISTRICT agrees to accept without penalty or prepayment charge, prepayment of all or a minimum portion of the then remaining balance of PARCEL'S *Total Charge* as allowed herein. Prepaid amounts will not include the *Surcharge Modifier*.
2. Upon receiving a prepayment conforming to the above criteria, DISTRICT shall determine the remaining months in PARTICIPANT'S *Payment Recovery Period*, effective at the time of receipt of such prepayment, by deducting the number of prior SEC payments received from PARTICIPANT'S *Payment Recovery Period* taking into account any other such adjustments to PARTICIPANT'S *Payment Recovery Period* as allowed herein and elsewhere in this agreement.
3. The remaining balance of PARTICIPANT'S *Payment Recovery Period* shall be reduced by the number of months equal to the pre-payment amount divided by the *Base Monthly Recovery Charge*, rounded down to the nearest whole number. Any remaining portion of the prepayment represented as a fraction of a month will be placed as a credit on the PARCEL water account.
4. DISTRICT agrees that the SEC shall be removed from the water bill for PARCEL at such time as the remaining balance of PARTICIPANT'S *Payment Recovery Period*

reaches zero. All other applicable water charges shall remain in full force and effect in accordance with DISTRICT'S rules and regulations.

H. SUBDIVISION OF PARCEL:

1. PARTICIPANT shall notify DISTRICT of subdivision of the PARCEL not less than 10 days prior to recording a parcel map or final map.
2. Upon subdividing the PARCEL, the DISTRICT shall assign, at its sole discretion, the existing water service account (and meter) to one of the newly created lots or units. In general, the account will be assigned to a new parcel having adequate frontage on the WLE and will not necessarily be assigned to a newly created parcel containing the residence that enjoyed prior use of the treated water service. The then unpaid balance of PARCEL'S *Total Charge* shall constitute a lien against the PARCEL to which the existing water service account is assigned.

I. GENERAL REIMBURSEMENT:

1. DISTRICT will collect a *Reimbursement Charge* as defined by the District's Reimbursement Policy, from non-participating parcels at the time water service to such non-participating parcels are connected to the WLE
2. DISTRICT will collect a *Reimbursement Charge* from parcels created by subdividing a participating parcel when such newly created parcel or parcels request new service and are connected to the WLE.

L. TRANSFERS & DUE ON TRANSFER CLAUSE:

This agreement benefits and burdens the PARCEL and shall constitute a covenant running with the PARCEL, and it shall bind the heirs, successors and assigns of PARTICIPANT.

Upon any sale, conveyance, assignment, or other transfer of the PARCEL, except transfer to a spouse, immediate family member, or for the benefit of creating a trust for the current property owners, spouse, or immediate family member, any unpaid portion of the *Total Charge* will be immediately due and payable in full.

M. TERMINATION:

This agreement shall terminate and be of no further force or affect at such time that PARCEL'S *Total Charge* has been paid in full.

N. NOTICES:

The mailing addresses of DISTRICT and PARTICIPANT for the purposes of giving any notice required pursuant to this agreement are as follows:

DISTRICT:

NEVADA IRRIGATION DISTRICT
1036 West Main Street
Grass Valley, CA 95945-5424

PARTICIPANT:

Darrell W. Johnson, Trustee
Cheryl A. Johnson, Trustee
21998 Iron Horse Drive
Grass Valley, CA 95949

IN WITNESS WHEREOF, the parties hereto have executed this agreement on the day and year first above written.

NEVADA IRRIGATION DISTRICT

PARTICIPANT

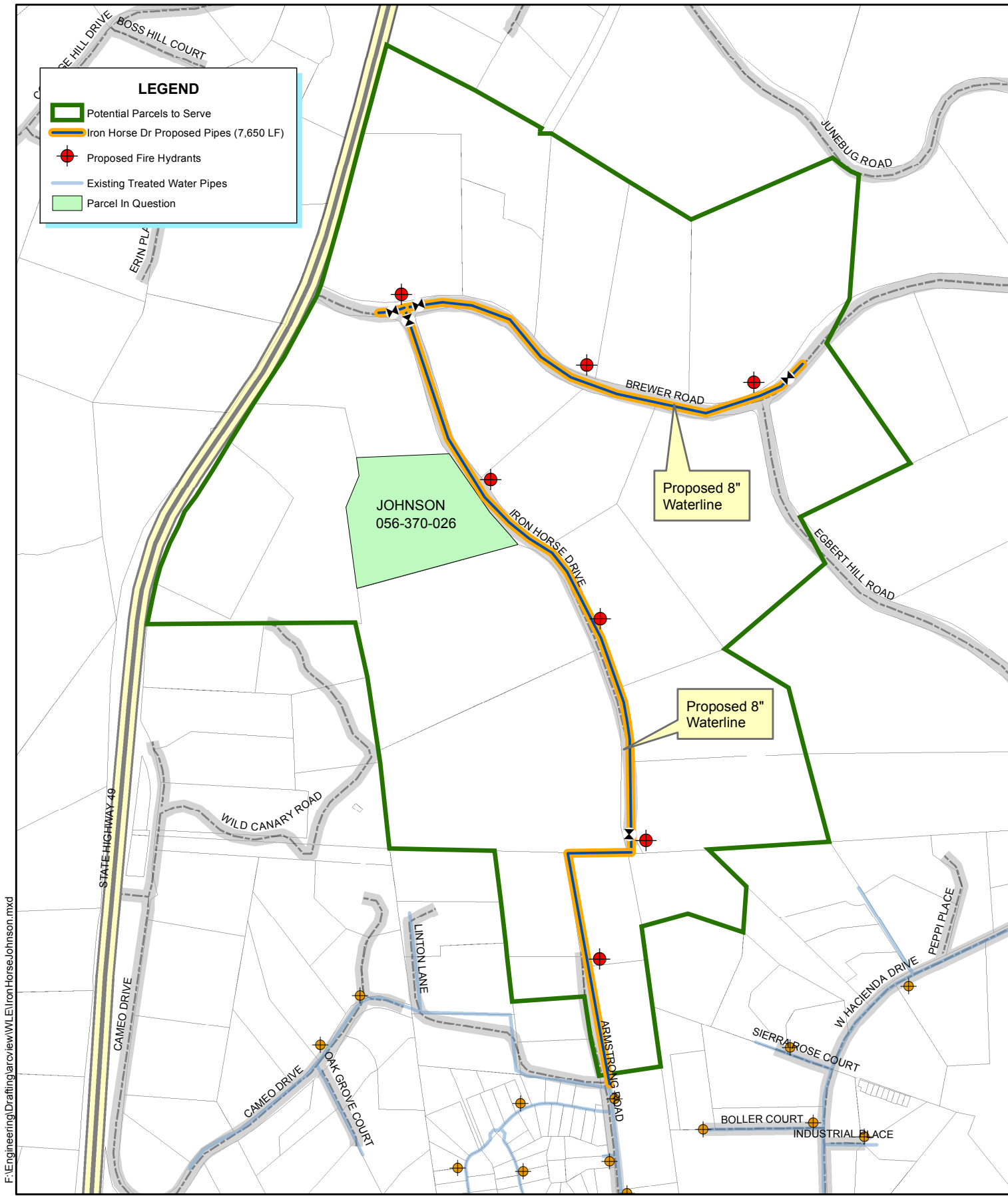
By _____
Board President

By _____
Darrell W. Johnson, Trustee

By _____
Board Secretary

By _____
Cheryl A. Johnson, Trustee

(Notarize all signatures by Acknowledgement)



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IRON HORSE DRIVE PARCELS IN QUESTION / APN 056-370-026



Date: 9/24/2018
 Drawn By: D. HUNT

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY -- PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: 1" = 700' @ 8-1/2x11

EXHIBIT 'A'

IRON HORSE-BREWER ROAD WATER LINE EXTENSION

ADMINISTRATION

Description	Quantity	Unit Cost	Total Cost	District Participation		Project Participant Costs
				Transmission & Storage Facilities ¹	Community Investment Funds	
Up-Front						
Preliminary engineering study (Labor)	1 ls	\$500	\$500	\$0	\$500	\$0
Engineering administration (Labor)	1 ls	\$1,500	\$1,500	\$0	\$1,500	\$0
Survey and Engineering (Consultant)	1 ls	\$10,000	\$2,500	\$0	\$2,500	\$0
Right of way (Labor)	1 ls	\$1,000	\$1,000	\$0	\$1,000	\$0
Engineering/Administration Subtotal			\$5,500	\$0	\$5,500	\$0
Burden on Payroll (Labor only)	47 %		\$1,410	\$0	\$1,410	\$0
<i>Subtotal</i>			<i>\$6,910</i>	<i>\$0</i>	<i>\$6,910</i>	<i>\$0</i>
After Agreement						
Contract administration (Labor)	1 ls	\$3,000	\$3,000	\$0	\$0	\$3,000
Engineering administration (Labor)	1 ls	\$10,000	\$10,000	\$0	\$0	\$10,000
Engineering (Consulting fees)	1 ls	\$0	\$0	\$0	\$0	\$0
Drafting (Labor)	1 ls	\$5,000	\$5,000	\$0	\$0	\$5,000
Survey (Labor)	1 ls	\$10,000	\$10,000	\$0	\$0	\$10,000
Inspection (Labor)	1 ls	\$10,000	\$10,000	\$0	\$0	\$10,000
Right of way (Labor)	1 ls	\$5,000	\$5,000	\$0	\$0	\$5,000
Right of way (Acquisition) ²	1 ls	\$90,000	\$90,000	\$0	\$0	\$90,000
Right of way (Consultant)	0 ls	\$0	\$0	\$0	\$0	\$0
CEQA administration (Labor) ³	1 ls	\$1,000	\$1,000	\$0	\$0	\$1,000
Fish & Game, CEQA, & Recording Fees	0 ls	\$3,000	\$0	\$0	\$0	\$0
Engineering/Administration Subtotal			\$134,000	\$0	\$0	\$134,000
Burden on Payroll (Labor only)	47 %		\$20,680	\$0	\$0	\$20,680
<i>Subtotal</i>			<i>\$154,680</i>	<i>\$0</i>	<i>\$0</i>	<i>\$154,680</i>
Administration Subtotal			\$161,590	\$0	\$6,910	\$154,680

CONSTRUCTION

Description	Quantity	Unit Cost	Total Cost	District Participation		Project Participant Costs
				Transmission & Storage Facilities ¹	Community Investment Funds	
Clearing and grubbing/bonds/mob	1 ls	\$2,000	\$2,000	\$0	\$0	\$2,000
8-inch pipe	7,650 ft	\$120	\$918,000	\$0	\$0	\$918,000
2-inch blowoff	2 ea	\$2,000	\$4,000	\$0	\$0	\$4,000
Air release assembly	2 ea	\$2,500	\$5,000	\$0	\$0	\$5,000
8-inch valve	6 ea	\$2,000	\$12,000	\$0	\$0	\$12,000
Fire hydrant	7 ea	\$6,000	\$42,000	\$0	\$42,000	\$0
Main ending with blowoff	2 ls	\$2,000	\$4,000	\$0	\$0	\$4,000
Stream Crossing	1 ls	\$20,000	\$20,000	\$0	\$0	\$20,000
Single service assembly	24 ea	\$1,200	\$28,800	\$0	\$0	\$28,800
Double service assembly	0 ea	\$2,000	\$0	\$0	\$0	\$0
Roadway Restoration - Armstrong ⁴	11,600 sf	\$2.40	\$27,840	\$0	\$0	\$27,840
Roadway Restoration - Golden Oaks Double Chip seal 5	140,000 SF	\$0.60	\$84,000	\$0	\$0	\$84,000
Misc. - Roadway work per HOA Golden Oaks	1 ls	\$10,000	\$10,000	\$0	\$0	\$10,000
Rock Removal	100 cy	\$200	\$20,000	\$0	\$0	\$20,000
<i>Construction Subtotal</i>			<i>\$1,177,640</i>	<i>\$0</i>	<i>\$42,000</i>	<i>\$1,135,640</i>
Contingency	15 %		\$176,646	\$0	\$6,300	\$170,346
Construction Subtotal			\$1,354,286	\$0	\$48,300	\$1,305,986

TOTAL ESTIMATED PROJECT COST \$1,515,876 \$0 \$55,210 \$1,460,666

18 Parcels fronting mainline
 3 Parcel by variance
 3 Parcel by TSLs (not included in the cost per parcel, costs removed from total)
 24 Total Parcels

Total \$1,460,666
LINEAR FEET PER PARCEL= 319
CONSTRUCTION COST PER PARCEL = \$60,861

1 Funding for Transmission & Storage Facilities from Capacity Fees.

**IRONHORSE-BREWER ROAD WLE
Conceptual Cost Estimate**

REQUIRED INFORMATION

Number of <i>Participating Parcels</i> :	24
<i>Payment Recover Period</i> :	360 Months (Per Funding Agreement)
<i>Estimated Participant Const./Admin. Cost</i> ¹ :	\$1,460,666 (See attached budget)
Capacity Charge 5/8" Meter:	\$10,433
Meter Installation Charge 5/8" Meter:	\$638
Surcharge Multiplier:	1.52750

CALCULATIONS

PARTICIPANT'S Share:

<i>Estimated Project Cost ÷ Number of Participating Parcels =</i>	\$60,861
<i>Plus Meter Capacity Charge & Installation Charge =</i>	\$11,071

PARTICIPANT'S Good-Faith Deposit:

10% of PARTICIPANT'S <i>Share</i> ² =	\$7,193
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PARTICIPANT'S Total Charge:

PARTICIPANT'S <i>Share</i> + Capacity Charge + Meter Installation Charge - PARTICIPANT'S Good-Faith Deposit =	\$64,739
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Base Monthly Recovery Charge:

PARTICIPANT'S <i>Total Charge</i> ÷ <i>Payment Recovery Period</i> =	\$180
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Surcharge Multiplier:

Monthly multiplier for NID financing at 3.05% APR =	1.527501
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PARTICIPANT'S Monthly Service Extension Charge (SEC):

<i>Base Monthly Charge</i> * <i>Surcharge Modifier</i> =	\$275
	Per Month

¹Does not include Capacity Charge or Installation Charge

²Good faith deposit is 10% of Estimated Project Cost AND Capacity Charge & Meter Installation Charge per participating parcel.

**TREATED WATER SYSTEM
STANDBY CHARGES AND CONNECTION FEES**

STANDBY CHARGES - \$6.00 per month for each parcel.

CONNECTION FEES: Single family residence

Drop In (Existing Meter Box and Water Service Lateral)

		-----Capacity Charge-----	
Meter Size	Installation Charge	Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 638.00	\$ 10,433.00	\$ 13,992.00
3/4"	676.00	15,024.00	20,150.00
Domestic Meter & Fire Meter Installation			
5/8" & 1"	\$ 1,357.00	\$ 10,433.00	\$ 13,992.00
3/4" & 1"	1,395.00	15,024.00	20,150.00

Installation Requiring Tap to Main*

		-----Capacity Charge-----	
Meter Size	Installation Charge	Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 5,071.00	\$ 10,433.00	\$ 13,992.00
3/4"	5,109.00	15,024.00	20,150.00
1"	5,190.00	26,710.00	35,729.00
1 1/2"	5,495.00	60,086.00	80,881.00
2"	5,696.00	106,837.00	143,290.00
Over 2"	DETERMINED BY DISTRICT		
Domestic Meter & Fire Meter Installation			
5/8" & 1"	\$ 5,478.00	\$ 10,433.00	\$ 13,992.00
3/4" & 1"	5,517.00	15,024.00	20,150.00

***Service Line Installation Cost**

\$63.00 per foot of service line installed per standard detail (in addition to meter installation cost)

NOTE: Add 25% to all charges above for existing accounts serving lands outside the District (amount rounded to the nearest dollar.) The District does not presently offer treated water service to new accounts serving lands outside the District.

JOHNSON, DARRELL & CHERYL

CYCLE	[FACILITY]	ACCOUNT NUMBER
M3	10317	00000

RETURN SIGNED ORIGINAL TO NID

- | | |
|-------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> NEW SERVICE | <input type="checkbox"/> METER RELOCATION |
| <input type="checkbox"/> TRANSFER | <input type="checkbox"/> CHANGE OF SERVICE SIZE |
| <input type="checkbox"/> TURN ON | |
| <input type="checkbox"/> NAME CHANGE ONLY | |

AGREEMENT AND APPLICATION
 FOR INSIDE DISTRICT TREATED WATER SERVICE FROM:
NEVADA IRRIGATION DISTRICT
 1036 W. MAIN STREET
 GRASS VALLEY, CA 95945
 530-273-6185

APPROXIMATE P.S.I. # 120
 DATE: 9/21/2018
 EFFECTIVE DATE: _____
 OFF RATE
 SERVICE SIZE 5/8"
 DCV/RP 3/4"
 RPD SERVICE _____
 FIRE SERVICE _____
 SMARTVILLE SERVICE _____

THE APPLICANT REQUESTS DISTRICT TO SUPPLY TREATED WATER AS INDICATED:

TO BE USED ON PROPERTY OWNED BY: DARRELL & CHERYL JOHNSON
 OWNER'S MAILING ADDRESS: 21998 IRON HORSE DRIVE
GRASS VALLEY CA 95949-8614

BUSINESS NAME (IF APPLICABLE) _____
 SUBDIVISION/LOT/UNIT: _____ PARCEL NUMBER: N056-370-026-000
 DELIVERY FROM: LAKE OF THE PINES SYSTEM
 SERVICE ADDRESS: IRON HORSE DRIVE, 21998

ROUTE 09
 BOOK/PAGE 304-
 METER NUMBER _____

NON-COMMERCIAL COMMERCIAL FORMER CONSUMER: NEW DFWLE PARTICIPANT

Service of water to be in accordance with the conditions printed on the reverse of this application and with other rules and regulations of the District. Applicant agrees to pay for such services at the tolls and charges as established by the District from time to time and agrees to the conditions of this application. New service applications are void 90 days after issuance.

SERVICE CONNECTION FEE	<u>11,071.00</u>
DCV/RP FEE	<u>685.00</u>
STANDBY FACTOR/FEE	<u>0.00</u>
ENCROACHMENT FEE	<u>0.00</u>
OTHER: EST. PROJECT CO	<u>60,861.00</u>
TOTAL DUE	<u>72,617.00</u>

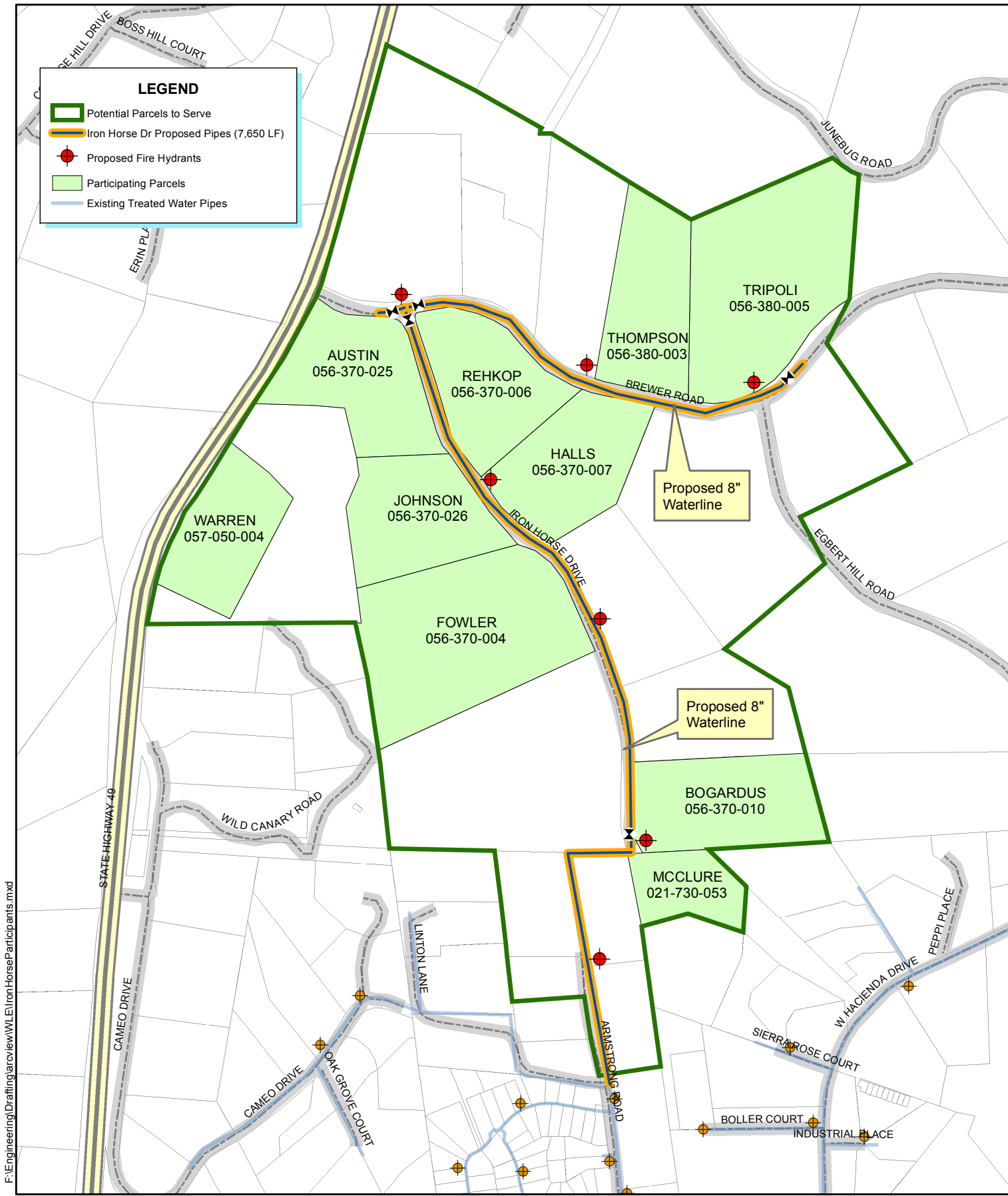
OWNER'S SIGNATURE: X _____
 APPLICANT SIGNATURE: X _____
(COMMERCIAL ONLY)
 NAME (IF OTHER THAN ABOVE) _____
 MAILING ADDRESS _____

NID BY: AT

FORM 4-C

IRONHORSE DFWLE PARTICIPANT, FEES FINANCED PER FUNDING AGREEMENT

Exhibit E



F:\Engineering\Drafting\arview\WLE\IronHorse\Participants.mxd



IRON HORSE DRIVE PARTICIPATING PARCELS

Date: 11/7/2018
 Drawn By: L. CANNON

NEVADA IRRIGATION DISTRICT
 NEVADA COUNTY -- PLACER COUNTY
 GRASS VALLEY, CALIFORNIA

Scale: 1" = 700' @ 8-1/2x11