

Agenda
Sacramento Suburban Water District
Facilities and Operations Committee

3701 Marconi Avenue, Suite 100
Sacramento, CA 95821

Thursday, October 22, 2009
5:30 p.m.

Public documents relating to any open session item listed on this agenda that are distributed to the Committee members less than 72 hours before the meeting are available for public inspection in the customer service area of the District's Administrative Office at the address listed above.

The public may address the Committee concerning any item of interest. Persons who wish to comment on either agenda or non-agenda items should fill out a Comment Card and give it to the General Manager. The Committee Chair will call for comments at the appropriate time. Comments will be subject to reasonable time limits (3 minutes).

In compliance with the Americans with Disabilities Act, if you have a disability, and you need a disability-related modification or accommodation to participate in this meeting, then please contact Sacramento Suburban Water District Human Resources at 679-3972. Requests must be made as early as possible and at least one-full business day before the start of the meeting.

Call to Order

Roll Call

Public Comment

This is an opportunity for the public to comment on non-agenda items within the subject matter jurisdiction of the Committee. Comments are limited to 3 minutes.

Items for Discussion and Action

- 1. Application for Variance of District Regulations; 8640 Antelope North Road**
Consider staff's decision to enforce District Regulations to extend service to the subject address. Make appropriate recommendation to full Board.

Adjournment

Upcoming Meetings:

Monday, December 21, 2009 at 6:30 p.m., Regular Board Meeting

Monday, January 25, 2010 at 6:30 p.m., Regular Board Meeting

I certify that the foregoing agenda for the October 22, 2009 meeting of the Sacramento Suburban Water District Facilities and Operations Committee was posted by October 19, 2009 at the Sacramento Suburban Water District office, 3701 Marconi Avenue, Suite 100, Sacramento, California, and was made available to the public during normal business hours.

Robert S. Roscoe
Secretary/General Manager
Sacramento Suburban Water District



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Agenda Item: 1

Date: October 16, 2009

Subject: 8640 Antelope North Road – Application for Variance

Staff Contact: Warren Jung, Manager Engineering Services

Recommendation:

Require the construction and installation of the proper sized water main along the frontage of the property as per District Regulations Governing Water Service.

Discussion:

Staff has received an “application for variance” (Exhibit 1) from the property owner for 8640 Antelope North Road (Pick-N-Pull). 8640 Antelope North Road is located on the east side of Antelope North Road across from Ridgepoint Drive (see location and facilities map, Exhibit 2). All Access Permits representing the property owner submitted the application.

Variance Request:

The owner is requesting to install approximately 290 linear feet of 8-inch water main, one fire hydrant, one 8-inch fire sprinkler service and one 1½-inch irrigation water service located in a public utility easement (PUE) at back of sidewalk on the east side of Antelope North Road (Exhibit 3).

Existing Facilities:

Existing in Antelope North Road is a 36-inch transmission water main. Staff informed the developer that no service connection could be made to the transmission pipeline. Also existing was a 16-inch water pipeline that fronts the property to the south (8634 Antelope North Road) of the proposed project site. This water main was installed by the developer/owner of 8634 Antelope North Road during development of that property in 2005 as part of the requirement for water service per the District Regulations. The 16-inch water main currently ends at the south property line of 8640 Antelope North Road. See Exhibit 2 – Location and Facilities Map.

Background:

The proposed project site is an existing wrecking yard that sells automobile parts to the public. The owner is placing a new building on the property. Sacramento Metropolitan Fire Department is requiring a fire hydrant and private fire sprinkler service to be located on the property along Antelope North Road. The owner is also requesting an irrigation water service for the property. Currently domestic water service to this property is served through a on-site private well. The only facilities along Antelope North Road are a 36-inch transmission water main and a small 16-inch distribution water main that ends at the proposed project’s south property line. Staff has previously discussed this project with the owner prior to the submittal of the application. Per District Regulations Governing Water Service specifically Regulation 7, the property must be

fronted with a water main of adequate size. The property is zoned light industrial. Regulation 9 requires the water main size to be 16-inch in diameter. Staff's first contact was in January 2009 through an email (Exhibit 4). The next contact was a meeting with the owner in June 2009 whereby the developer was informed of these requirements verbally at a meeting at the District office. Staff also requested the owner provide in writing what they are requesting. Staff received a letter from the developer on June 22, 2009 (Exhibit 5). Staff on July 2, 2009 responded with the requirements of the regulations and provided copies of the regulations and a variance application (Exhibit 6).

Justification:

Regulations 7 and 9 of the District's Ordinance 2004-03 Regulations Governing Water Service require new development to be fronted by a water main of adequate size. The water main size is based on the zoning of the property. The current zoning in this area is light industrial thus per Regulation 9 the required size is 16-inch. A separate distribution water main can be connected to the previously mention 36-inch transmission main to provide service. There are two options available. The first is to comply with the regulations and install the required facilities. The second is to apply and request a variance from the District's Board of Directors to deviate from the requirements of the regulations (Exhibit 7).

Requirement per Regulations:

The required facilities for this project would be to front the entire frontage with a 16-inch water main. The connection would be near the south property line of project site to an existing 16-inch water main previously installed. The new 16-inch water main would extend northward from the south property line approximately 550 feet to the north property line of the project site. The location of the 16-inch water main would be at 3 feet off the lip of curb and gutter matching the existing southern water main. The fire hydrant, private sprinkler service and irrigation service would be connected to this main.

Enclosures: Exhibit 1 – Application
Exhibit 2 – Location and Facilities Map
Exhibit 3 – Sheet 4 of proposed project
Exhibit 4 – Email response dated January 16, 2009
Exhibit 5 – Letter from Specialized Parts Planet dated June 22, 2009
Exhibit 6 – Letter from SSWD dated July 2, 2009
Exhibit 7 – Regulations 7 and 9

EXHIBIT 1

Attachment C (2)

APPLICATION FOR VARIANCE

Revision Date 11/30/07

This form is to be used by any Applicant for water service whose project plans or requirements to receive water service have been so modified or conditioned by District Staff as to make them unacceptable to the Applicant, and who, after a careful review of Regulation 17 of the District's Regulations Governing Water Service, determines that he/she might be entitled to a variance from that staff decision.

The District Board of Directors has delegated to a sub-committee of the Board, entitled the Facilities and Operations Committee, the authority to review and make recommendations regarding decisions on service issues that are consistent with Board-adopted policies. The General Manager shall have the discretion to route Variance Applications to the attention of the Facilities and Operations Committee for review when consistent with the Committee's stated purpose. All other Variance applications will be scheduled for hearing in front of the full Board of Directors.

The applicant must provide the District with the following information and file this form with the District at least 30 days before the date of the Regular board meeting at which he desires the application to be presented. A filing fee is required with the submittal of the application. The amount of the filing fee will depend on the type of hearing set for the variance request. A filing fee of \$300.00 will be required for the Facilities and Operations Committee meeting, a fee of \$700.00 for a regular scheduled Board Meeting and a fee of \$1,400.00 for a special meeting of the Board.

Name of Developer or Property Owner Darin Moore
Representative Laura Kass 916-612-7604
Address 10011 Folsom Blvd PMB 137 Sacramento Ca 95827

City ANTELOPE State CA Zip 95843

Phone (916)631- Assessor's Parcel No. 203-0240-012

Project Location 8040 NORTH ANTELOPE ROAD

Project Description ADDITION OF NEW FIRE HYDRANT

TECHNICAL INFORMATION REQUIRED

A. The following information is required:

- 1. Fire flow required (gpm) 1500 Attach written requirement of applicable fire service district.
- 2. Domestic flow required (gpm) _____ Attach written opinion of qualified engineer.
- 3. Irrigation flow required (gpm) 6 Attach written opinion of qualified engineer.

B. Connections required:

- 1. Size and type: 3"
- 2. Quantity of each: 1

C. Hydrants required:

- 1. Quantity: 1
- 2. Hydrant discharge capacity: 2800
- 3. Location (enclose map with locations)
- 4. The gpm requirements to adequately serve all other users and proposed users connected with the line to which applicant proposes his connection as certified to by qualified engineer.

D. Submittal of Plans:

1. Enclose two (2) sets of preliminary plans of the project with the application.
2. Enclose two (2) sets of all calculations that support the request for a variance.
3. Provide two (2) sets of any other information that supports the reasons for the variance.

E. Grounds for Variance Application:

Using the outline provided in the District Policy Statement on Procedure for Variance Application, please answer the following questions on a separate sheet of paper:

1. Does applicant propose to install a nonconforming extension facility or does applicant propose to use existing District water main facilities?
2. In what manner is the applicant's proposed use differ from District staff requirements?
3. In what manner is the applicant's proposed water demand exceptional as defined in the Procedures for Variance?
4. Show how the proposed use will not significantly interfere with the District's ability to provide adequate water service to their existing or proposed users.
5. Show how the proposed use will not endanger the existing supply system facilities.
6. Show how the proposed facility will be able to comply with all applicable District improvement standards and technical specifications (attach complete water plan).

F. Hearing Schedule:

1. The General Manager will determine and route the Variance Application to the Facilities and Operations Committee for review when consistent with the Committee's stated purpose or schedule a hearing in front of a full meeting with

the Board of Directors.

- 2. If scheduled for a Facilities and Operations Committee meeting, the applicant shall be notified of the next scheduled committee meeting at least 14 days in advance of the meeting.
- 3. If scheduled for a full Board of Director's meeting, the applicant shall be notified no sooner than 45 days after receipt of the application for the next available board meeting.

G. Decision of the Board:

- 1. The Board shall enter into the record its findings at the next regularly scheduled Board meeting with respect to each issue presented by the Applicant and will render its decision.
- 2. The decision of the Board is FINAL. The Applicant shall be mailed a copy of the Board's decision and facts and findings within 30 days after the date the decision is rendered.

Failure to complete or supply all of the information required on this application will delay the execution of the variance procedure and thus delay any possible decision of the Board till all information is obtained in conformity herewith.

Date: 10-7-09

Applicant's Signature: Lama Kass

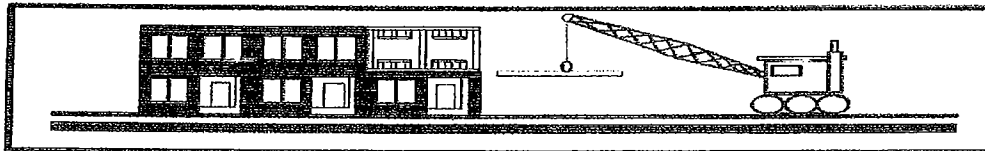
Received: _____

SACRAMENTO SUBURBAN WATER DISTRICT

By: Wanda Jung

Date: 10/07/09

Time: 3:45pm



METRO ENGINEERING SERVICES, INC.

5370 South Watt Ave., Ste. 101
Sacramento, CA 95826
Office PH: 916-379-9643, FAX 916-379-9647

GROUNDS FOR VARIANCE APPLICATION

August 21, 2009

Sacramento Suburban Water District

Reference: 8640 North Antelope Road

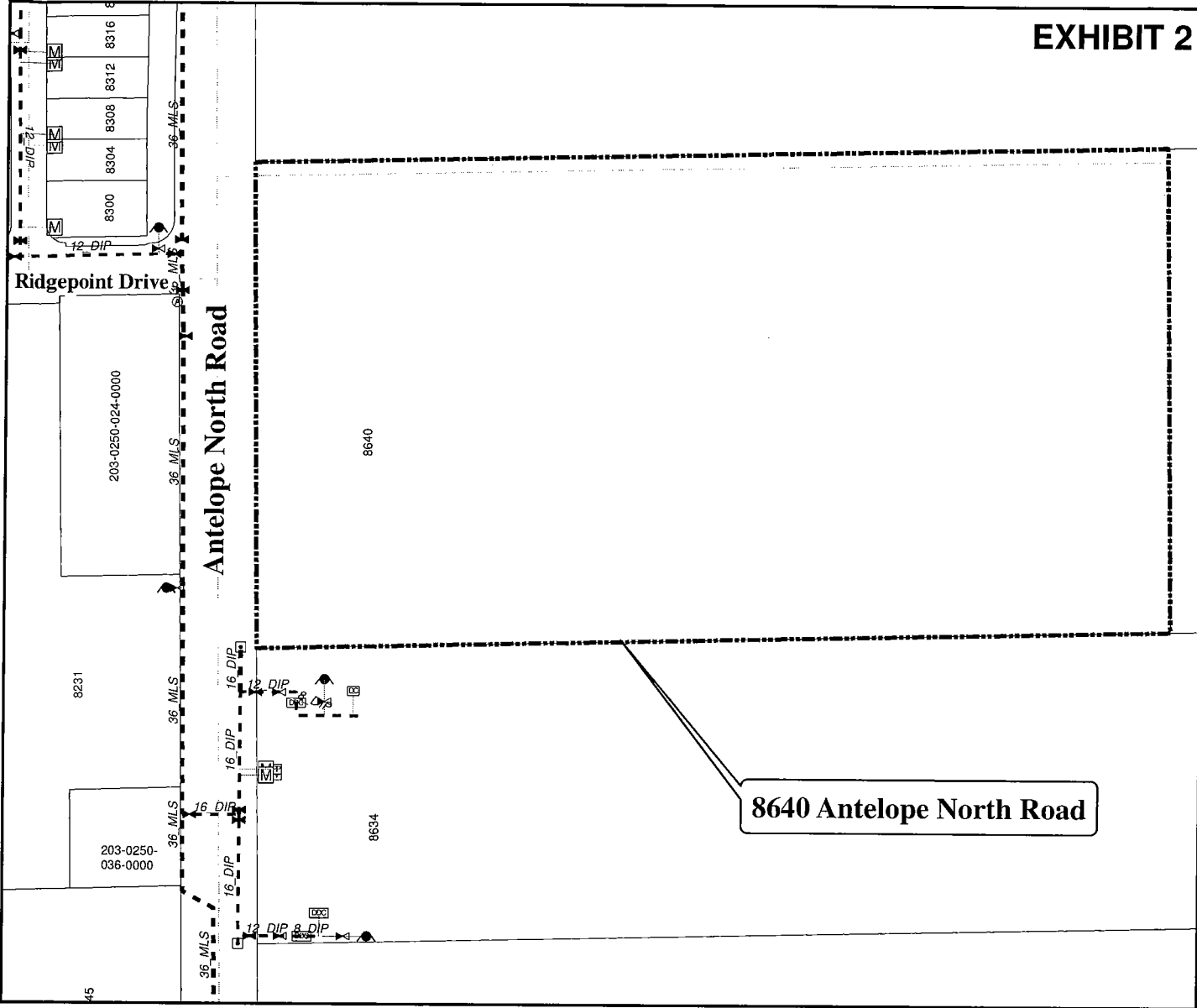
Section E:

1. The applicant proposes to install a nonconforming extension facility.
2. In lieu of extending a 16 inch water main the entire length of the subject property which is 530 feet in length, the applicant is proposing to connect to the 16 inch diameter water main at the south end of the property with an 8 inch water line to provide water to a new fire hydrant. This new 8 inch line will run +/-330 feet north under ground on the subject property in the existing 12.5 foot public utilities easement.
3. The applicants proposed water demand is not exceptional per Procedures for Variance.
4. The applicant is proposing to participate in the extension of the 16 inch water main in the future when and if the district is required to provide water service north of the subject property.
5. The applicant's proposed use typical of businesses in the water district and will not impact the current supply.
6. The applicant is requesting a variance to the District's improvement standards.

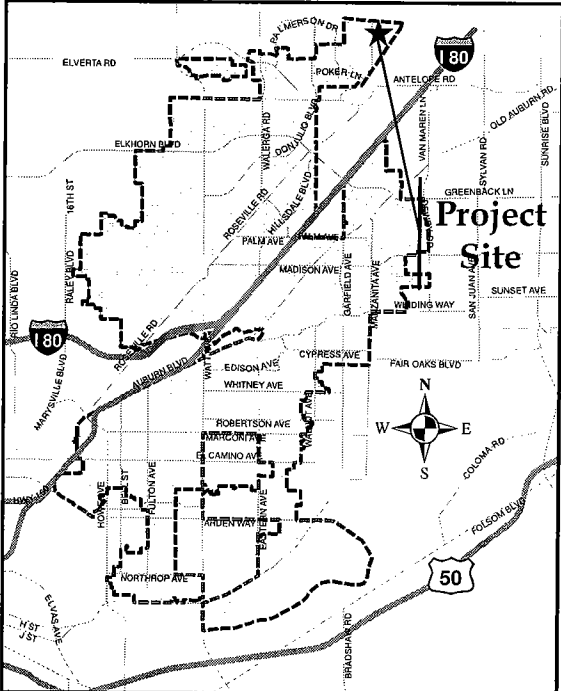
Sincerely

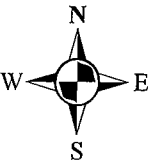
A handwritten signature in black ink, appearing to read 'Jim Ewertsen', with a long horizontal line extending to the right.

Jim Ewertsen
President




8640 Antelope North Road





Portion of Sacramento Suburban Water District

Sacramento Suburban Water District 8640 Antelope North Road Location & Facilities Map



Base Data: Sacramento County Gis Base Map
 Projection: CA State Plane 2, NAD83
 Scale: No Scale
 Prepared by: D.A.V., SSWD
 Sacramento, CA. October, 2009
 8640_Antelope_North_Loc.mxd



METRO ENGINEERING SERVICES
 2370 SOUTH WATT AVENUE, SUITE 101
 SACRAMENTO, CA 95826
 (916) 379-9643 (916) 379-9647

NO.	DESCRIPTION	DATE APPROVED

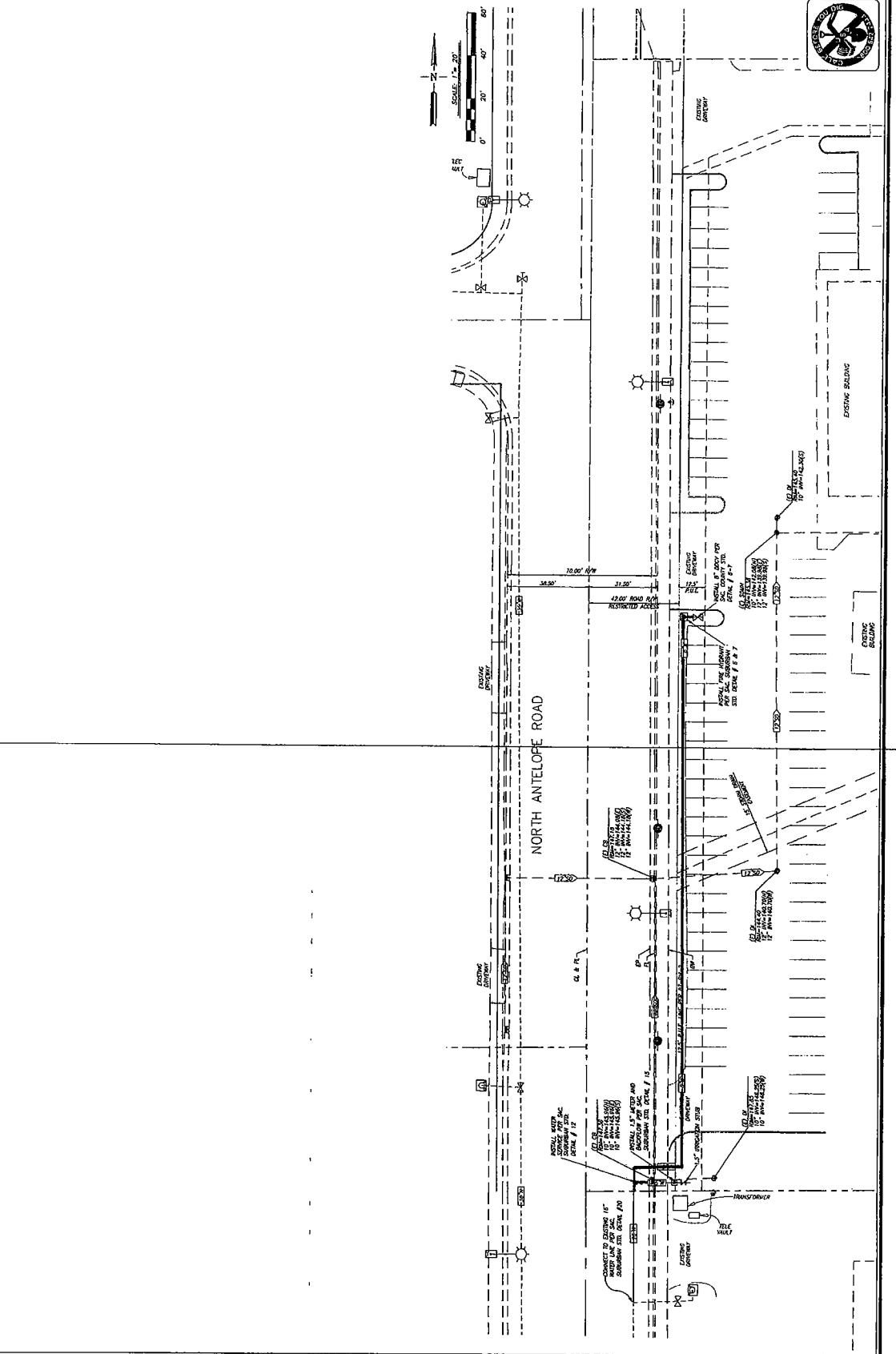
JOB NO. 0410000
 SCALE: AS SHOWN
 DATE: 08/20/07
 DRAWN BY: RB
 CHECKED BY: RB

8640 ANTELOPE NORTH ROAD
 SACRAMENTO

SHEET
 C-4
 OF 4 SHEETS

EXHIBIT 3

NOTES
 1. CONTRACTOR TO FIELD VERIFY DEPTH OF EXISTING STORM DRAIN BEFORE
 COMMENCEMENT OF WORKING OF BUILT LANE



Warren Jung

From: Warren Jung
Sent: Friday, January 16, 2009 2:02 PM
To: Laura Kass
Cc: Warren Jung
Subject: RE: James' Auto-fire hydrant
Attachments: James Auto Wreckers Map - 011609.pdf

Hi Laura,

In order to place the fire hydrant at that location the existing water line at the south property line will need to be extended northward across the James Auto Wrecker's property. The District regulations require a water main of adequate size to front the property. Per the zoning of the properties on the east side of the road, that size is 16-inch in diameter. The parcel to the south, 8634 Antelope North Road, was required to place the water line across its frontage prior to receiving water. The existing 36-inch pipeline on the west side of the road is a transmission line and is not to be used for services, taps or fire suppression facilities.

I have included your map revised with what is out there. The map does show a hydrant connected to the 36-inch water line however that hydrant is a flushing hydrant that is connected to the bottom of the line to facilitate flushing of the transmission line and is not really to be used for fire fighting.

For the fire hydrant we will need plans showing the construction of the water line to feed the hydrant.

Call me if you have any questions.

Warren

From: Laura Kass [mailto:allaccesspermits@msn.com]
Sent: Thursday, January 15, 2009 8:48 AM
To: Warren Jung
Subject: James' Auto-fire hydrant

Hi Warren,

I hope all is well and you had a great holiday.

I am working with the property owners and they installed a metal carport on the property and the Fire Dept is requiring a fire hydrant.

I have attached a photo of the site and a site plan to show where we want to put the hydrant. Please let me know if that will be allowed. I was told if we do put the hydrant on the property then the Fire Dept won't need to review or test the hydrant. Please confirm.

Also, if the owner chooses, can SSWD do the installation of the hydrant or will the owners have to hire a private contractor to do the installation?

Thank you,

Laura Kass

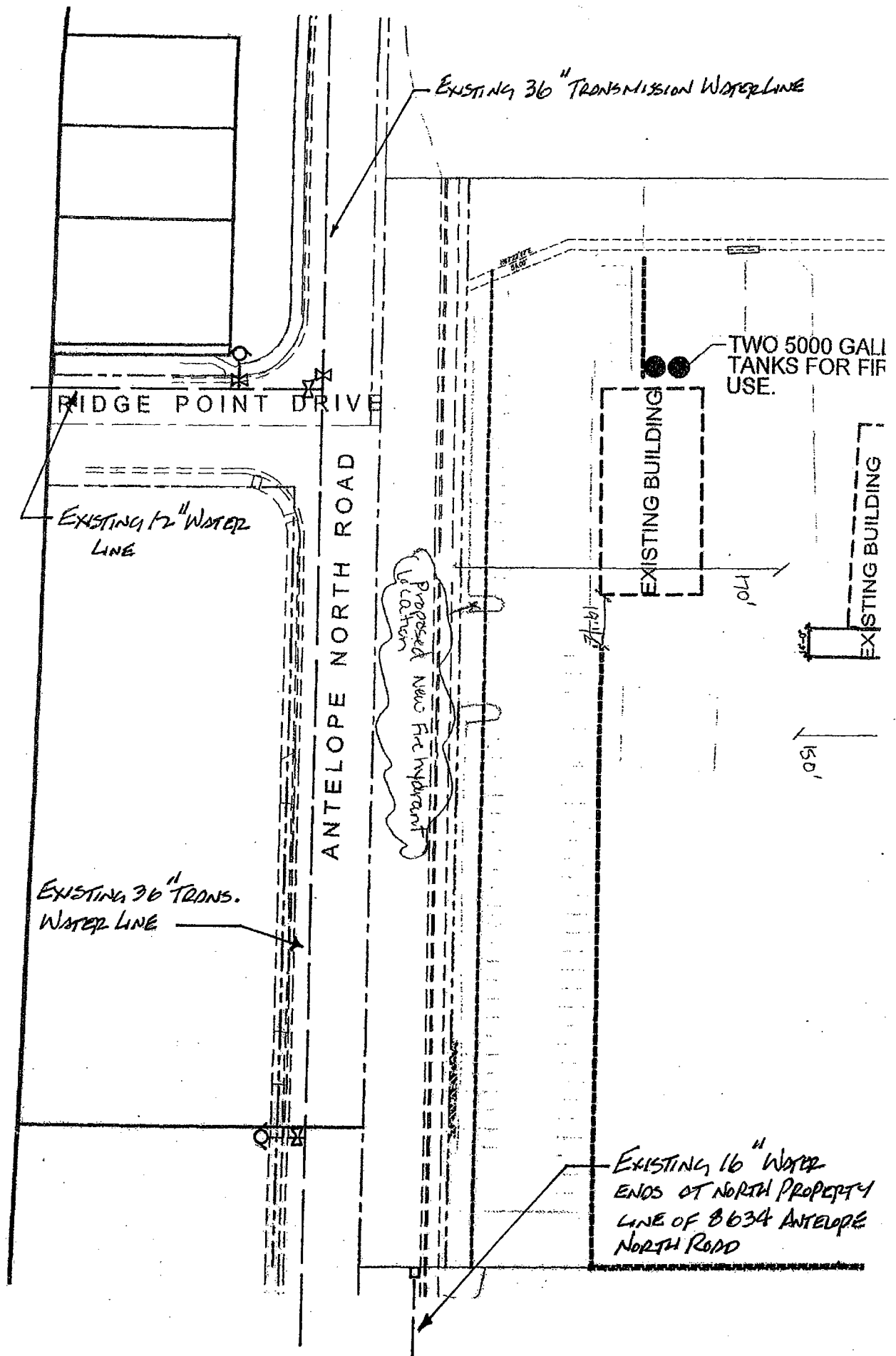
All Access Permits

10011 Folsom Blvd. PMB #137

Sacramento, CA 95827

916-612-7604

916-361-7604 fax



EXISTING 36" TRANSMISSION WATER LINE

RIDGE POINT DRIVE

EXISTING 12" WATER LINE

ANTELOPE NORTH ROAD

EXISTING 36" TRONS. WATER LINE

Proposed New Fire Hydrant Location

TWO 5000 GALL TANKS FOR FIRE USE.

EXISTING BUILDING

EXISTING BUILDING

10'

150'

EXISTING 16" WATER ENDS AT NORTH PROPERTY LINE OF 8634 ANTELOPE NORTH ROAD



June 22, 2009

Mr. Warren Jung, P.E.
Manager Engineering Services
Sacramento Suburban Water District
3701 Marconi Avenue Suite 100
Sacramento, CA 95821-5346

Dear Mr. Jung:

Thank you for taking the time to meet with myself and Mike Hogan regarding a water main extension for 8690 Antelope North Road. The main extension is required to provide for a fire hydrant.

Project History:

This site has been used to recycle automobiles for decades and operated as James Auto Dismantling until January of 2008, at which time the business was purchased by Specialized Parts Planet (SPP). In February of 2009, SPP sold the business to Pick-n-Pull, a division of Schnitzer Steel, Inc.

A new fire hydrant is required because a concrete slab with open air shade cover was constructed by the previous owners, James Auto Dismantling, without the proper permits. The most economical solution would be to remove the structure, however; Pick -n-Pull has plans to use it for automobile dismantling. Pick n Pull has also applied for a renewal of the current use permit, which expires in December of 2009 and requires the property meet current standards. The previous owner, SPP is therefore committed to providing fire service to within 300' of the non-permitted structure, so that a proper building and use permit will be issued by the County.

Sacramento Suburban Water standards require a 16" diameter water main fronting industrial properties. A 16" diameter main extends to the south property line of the subject parcel and is located in Antelope North Road. A 36" transmission main also exists on the other side of Antelope Road North.



SPP has obtained several bids from licensed contractors and the costs associated with installing a 16" in the street, the length of the property are significant and present a significant financial hardship to SPP at this time. We would therefore respectfully request a variance of the existing standard and have proposed several options under the "Project Summary and Proposed Options" section on the corresponding page. We're confident that by working closely with Sacramento Suburban Water, we can identify an option that will allow us to complete the installation of the required fire hydrant in a cost effective manner.

If there is any additional background or questions I can answer, please feel free to contact me at your convenience at 916-996-7732.

Thank you again for your consideration and we will await your response.

Sincerely,



Bryon D. Axt
President and Chief Executive Officer
Specialized Parts Planet

Project Summary and Proposed Options:

Summary

SPP has been asked to extend the 16" water main located in North Antelope Road about 400' and install a fire hydrant. The economics of scale make extending a 16" water main such a short distance for a single fire hydrant cost prohibitive in the current economic climate. SPP is committed to meeting the required standards, but is requesting that a temporary 8" water line be considered for the fire hydrant using one of two options detailed below:

Option One: Install a temporary 8" water line located in the public utility easement/landscape strip in front of the property. An agreement could be executed with Sacramento Suburban Water to participate in any future extension of the 16" water main. This allows for some economy of scale by participating in a larger overall project. It is anticipated that future development of the industrial land north of the property will require extension of the water main and provide reasonable economics of scale in a reasonable amount of time.

Option Two: Install a temporary 8" water main in a dedicated easement, parallel to the public utility easement/landscape strip, but located in the existing parking lot for the property.

Each of these options achieves adequate water service for the parcel and provides for potential economy of scale constructing the 16" water line.

General Manager

Robert S. Roscoe, P. E.



EXHIBIT 6

Board of Directors

President - Neil W. Schild
Vice President - Thomas C. Fellenz
Ken R. Decio
Frederick A. Gayle
Stephen R. Hanson

July 2, 2009

Mr. Robert D. Axt
Specialized Parts Planet
3590 Sunrise Boulevard #49
Rancho Cordova, CA 95742

Re: Variance Request for 8690 Antelope North Road

Dear Mr. Axt:

The Sacramento Suburban Water District (District) is in receipt of your letter dated June 22, 2009 requesting a variance to the requirement for the installation of a 16-inch water main fronting the project property at 8690 Antelope North Road.

The proposed project site is an automobile recycling yard. Based on requirements of the County of Sacramento use permit, a fire hydrant is required on site along Antelope North Road. The location of the hydrant is on Antelope North Road approximately 300+ feet north of the south property line of the property.

As discussed previously the District's Regulations Governing Water Service requires the project property to be fronted by a water main of adequate size. The size of the proposed water main is based on the zoning of the property. Based on the light industrial zoning of the property, the required sized water main is 16-inch in diameter. The nearest adequate source is at the south property line of 8690 Antelope North Road. The District's requirements require approximately 400 linear feet of water main to be installed in Antelope North Road from the nearest adequate source northward to the north property line of the project property. The cost of the installation is to be borne by the developer/owner. Enclosed is copy of the District's Ordinance Regulation Governing Water Service.

District staff has reviewed your request. The District offers the following response to your request:

- The current regulations do not provide for variances.
- Per regulations the proposed project requires the installation of a 16-inch water main fronting the property. Connection to the water main would be at the south property line.
- District staff cannot approve the proposed alternative, which may satisfy the fire flow required. The District staff has no authority to grant variances.
- The Board of Directors of the Sacramento Suburban Water District can only grant variances.
- There are two options that are available. The first option is to install the water main as required per the regulations. The second option is to address the full District Board and present your request for a variance.

For the second option I have enclosed an application for a variance request to the Board of Directors. Once the application is received along with any other pertinent information, the District's General Manager will determine if the meeting will be with the Facilities and Operations Committee (F&O) consisting of two members of the Board or at a regular Board meeting with the full Board. At either meeting the applicant will address the Board presenting facts, information and reasons while the variance should be granted. If the applicant is not satisfied with the decision of the F&O Committee, the applicant can address the full Board for a second opinion. The full Board's decision is final. I have attached a copy of Regulation 7 and 9.

If you have any questions, please call me at 916.679.2896.
Thank you.

Very truly yours;
Sacramento Suburban Water District

ORIGINAL SIGNED

Warren Jung, PE
Manager Engineering Services

Enclosures:

Regulation No. 7
Service Connections

Adopted: July 19, 2004
Amended: October 16, 2006; December 18, 2006;
December 17, 2007; January 28, 2008; November 17, 2008

Requirements for New or Additional Service Connection

Water Service from Sacramento Suburban Water District is not transferable or assignable and is subject to full compliance with the District's Regulations Governing Water Service, including the following conditions:

A. Service Connections

No New Service shall be connected to the District Water System unless there exists a District water main in a street or right-of-way fronting an Applicant's property accessible to the proposed location of the Applicant's service. The District main shall have Adequate and Reserve Capacity and pressure to provide safe and reliable water service for domestic and fire protection use as solely and conclusively determined by the District. The District, in determining the adequacy of the existing facilities, will take into consideration all factors such as the water requirements of the project to be served by a new connection, the flows required for fire protection, and whether the use of the water will significantly impair service to existing Customers. If the District determines that the New Service not be allowed to connect into the District Water System unless the Applicant provides such adequate extensions or additions as may be necessary in accordance with District regulations, Master Plan and technical specifications, then the District shall determine the location, capacity, and design of such extensions or additions. In making this determination, the District may consider all factors, including but not limited to, anticipated future land uses, water requirements, the desirability of looping water mains to increase reliability and adequacy of service, required flows needed for fire protection, and the long range plans for capital improvements of the District Water System. The District's determination will be conclusive on the Applicant.

B. No Prior Service

1. Adequate Main Abuts Applicant's Property

Service will be connected provided the following conditions are fulfilled:

- (a) The Parcel to be served is within the District's geographical boundaries or is annexed to the District in accordance with an order of the Sacramento County Local Agency Formation Commission (LAFCO);

- (b) The Applicant's land is or has been made subject to applicable bonded indebtedness of the District, if any;
- (c) The District possesses adequate water supply to serve the Applicant's requested needs;
- (d) A District water main of Adequate and Reserve Capacity exists in a public right-of-way fronting the Principal Boundary or Principal Boundaries of the Applicant's Parcel, where the public right-of-way is less than 80 feet wide. For public rights-of-way 80 feet or wider, a water main of Adequate and Reserve Capacity shall exist fronting the Applicant's Principal Boundary from within the area measured from the centerline of the public right-of-way to the Applicant's property line contiguous to the public right-of-way.
- (e) An Application for Water Service has been filed with the District in compliance with Section D, hereof.

2. No Adequate Main Abuts Applicant's Property

Service will be connected provided the following conditions are fulfilled:

- (a) The Parcel to be served is within the District's geographical boundaries or is annexed to the District in accordance with an order of LAFCO;
- (b) The Applicant's land is or has been made subject to applicable bonded indebtedness of the District, if any;
- (c) The District possesses adequate water supply to serve the Applicant's requested needs;
- (d) The Applicant will provide a main of Adequate and Reserve Capacity at his/her own cost and expense, which main shall be constructed in a public right-of-way fronting the entire frontage of the Applicant's Parcel. Should the Applicant's Parcel front two or more rights-of-way, the Applicant shall be required to install the main along the Parcel's Principal Boundary as designated in the District's Master Plan as the right-of-way necessary to provide for future extension of the District's capabilities and facilities. Should the Applicant be required to service the Parcel from a right-of-way other than the principal right-of-way (service shall also mean fire service if required by the applicable fire agency), then the Applicant shall be required to install water mains of Adequate and Reserve Capacity along both the principal and the service frontage. All provisions for main extensions shall be in accordance with applicable District Regulations, Master Plans, Plans and Specifications.

C. Prior Service

1. Property to which service has been discontinued will be re-connected upon the filing of a new application together with the payment of all fees and the upgrade of all District facilities affected by the re-connection as required by District Regulations.
2. If any one of the following conditions exists on an Applicant's Parcel, the District will require an upgrade of the existing service before reconnection to the District Water System will be permitted:
 - (a) An improvement on the Parcel requires an increase in water pressure or quantity. The District's increase of water pressure or quantity determination shall be based on the quantity of added water use facilities to be installed as a result of the improvement. The Applicant's engineer shall submit to the District a record of all the plumbing fixtures and flows required to serve all existing and proposed improvements on the Applicant's Parcel. Based on this information, the District shall determine, if the existing service is adequate to serve the Premises. The District shall use AWWA Standards to determine the adequacy of all services and the consequent need for upgrades.
 - (b) An improvement on the Parcel requires increased water pressure or quantity in order to satisfy ISO Fire Suppression Standards as more specifically described in Regulation No. 9, Section O, hereof.
 - (c) An improvement changes a multiple unit Premises from master-metered to individually-metered units
3. In those cases when service has not been interrupted but the Parcel has been improved, the provisions and requirements of Regulations Nos. 7 and 9 hereof shall apply if any one of the conditions described above in subparagraph 2 exists.

D. Application for Service

1. The District will not provide or continue service to any Parcel unless the present Landowner has filed an Application for Water Service with the District.
2. Application for service shall be made in writing on forms provided by the District and signed by the Landowner.
3. Applications shall be supported by plat maps and a legal description of the Parcel, and a project description that includes construction type and number of living units, plan of water distribution, project approval by the appropriate fire service district, the planned service date, the name and billing address of the Landowner, the domestic water requirements in gallons per minute, and the total fire-flow

requirements, as well as the location of existing and/or proposed fire hydrants to meet applicable fire-flow requirements.

4. The failure of an Applicant to request the connection of his or her Parcel to the District Water System within one year of the District's Plan Approval shall automatically terminate the application and entitle the Applicant to the return of all fees paid except the plan check fee, annexation fee, and any permit fees as described in Subsection G hereof. A request for refunding of fees shall be made in writing to the District.
5. The Applicant must deposit with the District, on or before the Plan Approval date, an amount equal to the cost of all Extension Facilities proposed to be constructed, together with all service charges, fees, and Facilities Development Charges in effect on the date of the Final Approval.
6. Any decision by the District's staff concerning an application for service is appealable to the District Board of Directors or the Board's Facilities and Operations Committee. An Applicant's appeal must comply with the applicable requirements provided in Regulation 17, Procedures for Variance Application.

E. **Water Main Sizes**

1. The size of water mains to be installed in accordance with this Regulation 7 shall be in compliance with the provisions of Regulation 9, Sections N and O hereof.
2. Whenever an extension facility is required in accordance with this Regulation 7, the District may require in accordance with its approved Master Plan and for the purposes of public convenience, necessity, and safety, the installation of a main line larger than the size required to serve the Applicant's Parcel or Parcels ("Service Connection"). Whenever the District requires the installation of such an Up-Sized Line, the line shall be designed in accordance with one of the following procedures at the District's option:
 - (a) An Applicant, with approval from the District, shall have his or her engineer design the upsized line. The Applicant shall competitively bid and in accordance with the lowest responsive and responsible bid, construct the extension facility in accordance with the following conditions:
 - (1) The Applicant's engineer will prepare a spreadsheet detailing the Applicant's cost of installation of the line size required in accordance with provisions of Regulation 9, Sections N and O.
 - (2) The Applicant's engineer will prepare a spreadsheet detailing the cost of the installation of the Up-Sized Line.

- (3) The Applicant's engineer shall design plans and specifications for both the main size required in accordance with District Regulations and the Up-Sized Line. The design of the water mains shall be according to District Standards with plan review, revisions, and Plan Approval by District staff.
 - (4) The District shall pay to the Applicant, when the job is completed and accepted by the District, the difference in cost between the cost of the Up-Sized Line based on the lowest responsive and responsible bid and the cost of the installation of the line of the size required to adequately serve his or her Parcel, based on the average of the three lowest responsive and responsible bids. The District shall pay for the Up-Sized-Line in accordance with Regulation 9, Sections J and L.
 - (5) The Applicant shall pay to the contractor the full cost of the main installed.
 - (6) The Applicant shall pay all of the District's fees, charges and costs as related to the installation of the water main.
 - (7) The Applicant shall comply with all regulations of the District and any amendments adopted from time to time by the Board of Directors.
- (b) The District shall design plans and call for separate bidding to construct the Extension Facilities as follows:
- (1) District staff will prepare spreadsheets detailing the cost of installing the line size required in accordance with provisions of Regulation 9, Sections N and O.
 - (2) District staff will prepare spreadsheets detailing the cost of installing the Up-Sized Line.
 - (3) The Applicant shall pay to the District the full cost of the installation of the line of the size required to adequately serve his or her Parcel, based on the average of the three lowest responsive and responsible bids, and the District will pay the difference for the cost of the Up-Sized Line as contained in those bids. Applicant's payment to the District shall be no later than 30 calendar days after the District has awarded the project.
 - (4) The Applicant shall comply with all rules and regulations of the District and any amendments adopted from time to time by the Board of Directors.

F. District Final Plan Approval

The date of the District's final Plan Approval is defined as that date when the District shall, after receipt of all applicable fees, charges, applications and grants of easements, date and sign the Applicant's plans as approved for construction, or where no facilities extension is required, on that date when the District shall, after receipt of all applicable fees, charges, application and grants of easements, approve and date the said application. Should Applicant not obtain District's approval of his or her plans, the Applicant shall not be allowed to connect to any District facilities until he or she has obtained final Plan Approval.

G. Expired Plans/Un-Built Projects

If construction of the required extension has not begun on the one-year anniversary date of Plan Approval or the District receives a written statement from an Applicant that the project will not be built, the District shall deem the plans void. The District will refund collected fees upon the Applicant's written request, except for plan review, hydrant permit, construction water, annexation, and fire hydrant flow test fees. Should an Applicant resubmit plans for approval, the District will review the plans in accordance with this Regulation 7 and Regulation 9. New and/or additional fees will be calculated and assessed for review of resubmitted plans. New Plan Approval shall be per Section F hereof.

H. Charges for New or Improved Service Connections

1. Plan Check Fee

A charge shall be assessed by the District for the review of the Applicant's construction plans for new or improved water service. The charge will be assessed at the rate of \$70.00 per hour for each District employee assigned to the review. In addition, the District may charge staff time or consultant fees at cost for any additional services required as part of the review, including but not limited to, hydraulic analyses, site verification, and research. The District shall estimate the cost of reviewing such plans and notify the Applicant of the estimated costs for the services required. The Applicant shall deposit with the District the estimated plan check costs as a condition precedent to plan review. In the event that the actual cost exceeds the amount deposited, the Applicant shall pay the excess before final Plan Approval. The charge for Plan Review shall be in accordance with Regulation 3, Section R.

2. Service Line Charge

The District charge for the installation of a new-metered water service line from the existing water main to an Applicant's Parcel shall equal the District's actual cost of materials, installation, labor, equipment, and normal overhead charges.

The charge for Service Line Installation shall be in accordance with Regulation 3, Section U.

3. Service Line Relocation

The District charge for the relocation of a service line from the existing water main to an Applicant's Parcel (which will be relocated according to current specifications) shall equal the District's actual cost of materials, installation, labor, equipment, and normal overhead charges. The charge for Service Line Relocation shall be in accordance with Regulation 3, Section V.

4. Water Meters

District charges for installing and setting water meters will consist of the District's actual cost of materials, labor, equipment, installation, and overhead. The installation of a new Metered Service shall be charged according to Section H.2 of this Regulation 7, provided that all applicable conditions of the District's Regulations have been satisfied. When the only service rendered is restoring water service by reinstalling a Meter, a charge will be assessed in accordance to Regulation 3, Section I for each reinstallation.

5. Facilities Development Charge

To cover a portion of the District's costs incurred for the installation of wells, pumps, and storage and treatment facilities, and to provide a fund for reimbursement of a portion of Customers' costs of Extension Facilities pursuant to Regulation No. 9, a Facilities Development Charge will be imposed in accordance with the following schedule for each new or improved service:

Service Size	Facilities Development Charge*
5/8"	\$2,874.00
3/4"	\$4,309.00
1"	\$7,196.00
1 1/2"	\$14,350.00
2"	\$22,968.00
3"	\$43,092.00
4"	\$71,834.00
6"	\$143,625.00
8"	\$258,551.00

10"	\$416,569.00
12"	\$617,648.00

* On January 1st of each year the charges will be recalculated to include adjustments for (1) new water system facilities, (2) facilities no longer in service, (3) changes in cost indices and depreciation, (4) changes in work in progress and available reserves, (5) changes in outstanding principal on COPs, and (6) changes in the number of ¾ inch equivalent meters.

Private Fire Protection

Size of Each Private Fire Service Connection	Facilities Development Charge**
4 Inch and under	\$1,550.00
6-inch	\$1,625.00
8-inch	\$1,700.00
10-inch	\$1,775.00
12-inch	\$1,850.00

**On January 1st of each year the charges will be recalculated to recover District's cost associated with plan review, inspection, instruction and maintenance of private fire service connection.

The District will determine the Facilities Development Charge for a fire service greater than twelve (12) inches at time of application.

- (a) In the event that the charges assessed to the Applicant impose a financial burden on his or her project, the Applicant may request the District enter into a deferred payment plan on the all of following terms:
- (1) The written application includes a request for deferment of the payment of all or part of the Facilities Development Charge.
 - (2) The District Board of Directors must approve the request.
 - (3) The request is accompanied by a surety bond or an irrevocable letter of credit in an amount equal to the Facilities Development Charge imposed on the Applicant as specified above, and the specified security is issued by a surety or financial institution authorized to do business in California.

- (4) The deferment request is accompanied by an executed Contract on a form provided by the District, which Contract includes the provisions of this subsection and provides for the payment of such Facilities Development Charge as may be in effect on the date of said payment, together with interest at the legal rate. The Contract also will provide that the Applicant will pay the Facilities Development Charge in full no later than a date that is no more than 12 months from the date of the filing of the Service Application with the District.
- (5) The written application and accompanying plans must comply with all applicable District Ordinances, Regulations, Plans and Specifications.
- (6) The deferment rights granted to an Applicant, if any, are not assignable except upon the District's written consent.

6. Supervision and Inspection Charges

A charge shall be assessed for District supervision and inspection of water system improvements based upon hourly rate of \$75.00 per hour. At the time of service application, the District will estimate the minimum District cost for supervision and inspection of the proposed water system improvements, which the Applicant shall deposit with the District in advance of Plan Approval, in addition to all other charges owing under the District's regulations. In the event that actual supervision and inspection costs exceed the amount deposited, the Applicant will pay the excess as a condition precedent to final District acceptance of the water system improvements and connection of service. Should any additional costs be required due to damage to District facilities by Applicant's contractor during construction, the cost shall be billed separately to the contractor. The contractor's payment of billed damages shall be due as a condition of commencing water service and final District acceptance of the improvements. The charge for Supervision and Inspection shall be in accordance with Regulation 3, Section S.

Should the need for an inspection occur weekdays after 4:30 p.m. to 8:00 a.m., or on weekends or holidays, the requested inspection shall be scheduled through the District to ensure the availability of personnel for the time requested. Overtime costs for inspections by District personnel shall be calculated and paid by the applicant in advance of scheduling the after-hours work. The overtime charge shall be at least one and one-half (1½) times the standard hourly rate for inspection.

7. Fire Hydrant Flow Test

When requested by the local fire agency having jurisdiction over a project within the District, a fire hydrant flow test will be performed to determine the flow

available at the test date. The flow test will only demonstrate the pressure and distribution capabilities at the time and under the conditions existing when the test is performed. The District will not guarantee that the flow test results obtained will be consistent with flows available at all times and under all conditions.

A charge will be assessed for the District to supervise and perform the test and to provide written results. The charge shall be in accordance with Regulation 3, Section T.

8. Bacteriological Testing

After installation and disinfection, the District will sample a new mainline extension and have the sample tested by a certified laboratory for bacteria. If a new mainline extension fails to meet applicable federal, state and local bacteriological standards, the Applicant will be responsible for re-disinfecting and re-testing the new Extension Facilities until they pass. A charge for this test will be assessed in accordance to Regulation 3, Section J.

9. Backflow Test Charge

A charge will be assessed for the District to test all Backflow Prevention Devices as part of a new development to verify the operating status of each such device. The charge shall be in accordance with Regulation 3, Section D.

10. Environmental Document Charge

Whenever the District determines that an environmental impact report or other environmental document is required for a proposed extension facility necessary to serve an Applicant's Parcel, the District will estimate the cost of preparing such a document, including overhead expenses, preparation, and hearings. In addition to all other costs that may be due to the District for provision of service, the Applicant shall deposit with the District the estimated Environmental Document Charge as a condition precedent to the District's approval of an environmental document. In the event that the actual cost to prepare an environmental document exceeds the amount deposited, the Applicant will pay the excess amount before Final Approval. If the deposit exceeds the cost, the District will refund the balance.

In the event that the Applicant delivers to the District a certified copy of an environmental document duly approved and filed by the County of Sacramento relevant to the Applicant's Parcel, the District may determine that the provisions of this paragraph may not apply.

11. Furnish-Only Fees

Meters, as shown on the standard detail drawing of the District's Improvement Standards and Technical Specifications adopted by the Board of Directors and any revision thereto, are required on all new or improved domestic Service Connections and shall be Furnish-Only Materials by the District. The District will charge furnish-only fees to an Applicant in accordance with the number, the cost, and the District's inventory and overhead cost for furnishing the Meter(s).

I. Water Service

The District shall make water service available to an Applicant's new or improved connection subject to the following terms and conditions:

1. No service shall be granted or continued unless an Applicant has filed an application for service on a District-furnished form.
 - (a) All new construction and improved Parcels shall have a Meter.
 - (b) Monthly water billing shall be computed on actual consumption based on the Metered Rates in Regulation No. 3.
 - (c) A separate Service Connection and Meter shall be installed on each Parcel.
 - (d) If a Parcel is served by more than one Service Connection, then all services shall be metered unless the District determines that additional Meters are not required.
 - (e) The minimum Meter size for a residential Service Connection shall be one inch in diameter.
 - (f) No more than one Service Connection per Single Family Residential Parcel will be permitted unless otherwise determined by the District.
 - (g) Each residential unit is required to have its own District-approved Service Connection.
 - (h) A separate metered irrigation service shall be required for all non-residential units.
 - (i) No credit will be allowed for vacancies in multiple family residential units.
2. Use of a 5/8" or 3/4" meter shall be limited to multi-family residential units fed by a single water service such as, but not limited to, duplexes, triplexes, fourplexes and condominiums.
3. Voluntary Meter Installation on an Existing Residential Service

- (a) At a Landowner's request, the District will install a permanent Meter on an existing un-metered Service Connection for a residential Parcel at no direct charge. However, should the Parcel be within a current main replacement project area that is scheduled for a new water service installation a new meter will be installed only after the installation of the new water main.
- (b) Upon installation of a Meter, the District will compute and charge the Parcel's water bill based on actual consumption at the Metered Rates stated in Regulation No. 3.

J. Connection to Facilities Extended by District

1. If an Applicant for water service to a Parcel fronting Extension Facilities built with District funds desires to connect to such facilities, he or she shall deposit with the District, together with a New Service application, a portion of the total cost of designing and installing the Extension Facilities. The Applicant's cost share shall be determined by comparing the length of the Applicant's frontage along the right-of-way in which the water service facilities will or have been located to the total combined frontage along said right-of-way of all Parcels served by the Extension Facilities. The District also will calculate and charge all other applicable fees and charges established by District Regulations.
2. If an Applicant chooses, payment of the costs and charges to connect to District-constructed Extension Facilities may be deferred for a period not to exceed 12 months from the date on which the District approves the Application for Water Service, provided:
 - (a) The Applicant requests the District defer the charges in writing before the date the application is approved, and
 - (b) The full amount of such fees and charges together with interest thereon at the legal rate is guaranteed by a surety bond issued by a surety company acceptable to the District, and the Applicant executes an agreement to make such payment together with interest at the legal rate within the 12-month deferment period, and
 - (c) The deferment is not transferable.

K. Abandonment of Service Line

The District charge for the abandonment of an existing water service from the existing water main to the applicant's parcel shall equal the District's actual cost of materials, labor, equipment and normal overhead charges. The charge for service abandonment shall be in accordance with Regulation 3, Section X.

L. Existing Services

All Service Connections that are not directly affected by an improvement, but which exist on a Parcel to be improved, shall be upgraded to current District Standards if the Landowner intends to use such service(s) in the future. If the unaffected Service Connection(s) will not be used, the Landowner must abandon such service(s) in accordance with District Standards. This requirement applies to services that serve other buildings or appurtenances on the Parcel being improved.

Possible District-required upgrades of existing Service Connection(s) shall include, but not be limited to, repair and/or replacement of existing facilities to current District Specifications and Standard Details.

Credit will be given for existing unused services. Credit will be given in the amount of the existing Facilities Development Charge on the Plan Approval date, subject to abandonment of the unused Service Connection(s) as required herein.

M. Existing Services on Split Parcel

After a parcel split, the existing service will serve only the Parcel on which it is installed. If any unserved split Parcel will be developed, the Landowner must install a New Service on such Parcel(s) in accordance with all applicable District ordinances, rules, regulations, plans and specifications.

Regulation No. 9
Extensions of and Additions to District Facilities

Adopted: July 19, 2004
Amended: December 17, 2007

A. New Facilities

New facilities are defined as a water distribution system, including but without limitation, water mains, storage tanks, pumps, wells, and appurtenances, which provide for water transportation and/or production to lands not presently served by an adequate water supply as the same is defined in Sections N and O hereof. There are two classes of such facilities, namely:

1. ~~Applicant's Cost~~: In those situations where the District does not maintain a main line capable of providing an adequate supply of water in a street or public right-of-way completely fronting the Applicant's lands, the Applicant shall install at Applicant's cost and expense an Extension Facility of the size defined in Sections N and O fronting his property in the public right-of-way. As used in this Section, street or public right-of-way shall be plural when the Applicant's property fronts streets or public rights-of-way on two (2) or more sides. In this situation, the Applicant shall provide main extension on the principal side of the property that correlates to the District Master Plan as a necessary extension to provide for future extension of the District capabilities and facilities. Should the Applicant be required to service the property on the other right-of-way, then the Applicant shall be required to also provide a water main of Adequate and Reserve Capacity along this frontage; said mains shall be of the size defined in Sections N and O hereof from a point where a main of adequate District source to the farthest point therefrom on the principal boundaries of the said Applicant's property.
2. District's Cost: There will be situations where additional water demand will require additional line Extension Facilities, or where future development will require the installation or construction of main line facilities which would be prohibited from construction for a period of time by orders of the governments of the County of Sacramento or the State of California. The District may authorize the construction of such Extension Facilities as are deemed necessary by the Board of Directors to comply with the current District Master Plan.

B. Location, Design, and Specifications of New Facilities

The location, design, and specifications of all extensions and/or additions to the District's distribution system shall be determined by the District's Master Plan and by the applica-

tion of the provisions of this Regulation and Regulation 7, and the application of the District's Standards and Specifications and all revisions thereof.

C. Ownership and Operation

New facilities constructed in accordance with the District's requirements shall, upon acceptance by the District, be owned, operated, and maintained by the District as part of its water storage and distribution system. As a condition of approval of new facilities, the Applicant will grant the new facilities to the District, if constructed at Applicant's cost. Prior to acceptance by the District in writing, ownership and responsibility of all facilities shall remain that of the Applicant and his/her representative. The Applicant shall provide and fund a one-year guarantee on all facilities beginning on the date of final acceptance.

D. Location of Existing Facilities

All existing facilities located on Applicant's land that are situated above ground or at ground level shall be relocated as specified in the Districts Technical Specifications and Standard Details. All such relocations shall be at Applicant's cost.

E. ~~Location of New Facilities~~

New facilities shall be located on land owned by the District in fee, or in public right-of-way, or in an easement granted to, and accepted by the District. The Applicant will, without cost to the District, cause to be conveyed or granted such lands and/or easements as the District determines to be necessary for the said new facilities. Lands and/or easement shall be conveyed to the District in fee simple, free and clear of liens or encumbrances. Failure to cause to be conveyed or granted such lands and/or easements shall void water service and may cause discontinuance of service until such items are furnished.

F. Payment of Cost of New Facilities

The Applicant for service shall pay the District's cost of the construction of new facilities in accordance with the provisions of Regulation 7 hereof. The District's actual costs will be determined by the District and shall include labor, materials, equipment, engineering, inspection, and usual overhead expenses related to such work.

G. Deposit of Installation Costs

The Applicant shall deposit with the District, as a condition precedent to written District approval of plans for Extension Facilities, a sum equal to the estimate of the total cost thereof, including all charges defined in accordance with provisions of Regulation 7, Section F hereof. Said deposit shall be in cash or in irrevocable letter of credit, in a form and by a bank or financial institution acceptable to the District. Upon completion of the work, and if the amount theretofore paid to or deposited with the District is less than the

actual cost, the difference shall be paid to the District by the Applicant prior to the commencement of the service. Any amount paid, with the exception of the Facilities Development Charge, Supervision and Inspection costs and overhead costs, which are in excess of the actual cost of installation, will be refunded by the District.

H. Acknowledgement of Necessity for and Reasonableness of New Facilities

Anyone who pays, deposits, or agrees to pay all or part of the cost of the extension or improvement of the District's water distribution system thereby acknowledges that such extension or improvement is necessary and reasonable.

I. Installation

Extension Facilities will be installed by the District or by the Applicant, unless the District elects to cause the installation of up-sized mains, in which case the District will install or pay the incremental cost of the up-sized facilities. The Applicant may, in those cases permitted, cause the installation of Extension Facilities by a competent and experienced contractor, licensed for construction of water facilities, and approved by the District. All such work is subject to final inspection and approval by the District. The District reserves the exclusive right to perform the construction with its own personnel or by Contract, of storage facilities, pumping plants, taps on existing mains, extension involving Up-Sized Lines or complicated connections or extensions involving interference with the District's existing facilities.

J. Reimbursable Costs

1. Whenever the Applicant has been required, in accordance with the provisions of this or Regulation 7 hereof, to install Extension Facilities for the purpose of providing adequate water service to its property either in the form of:
 - a. An up-sized water main extension as required by District Master Plan, or
 - b. The extension of water facilities beyond the frontage of the property to be developed, Applicant shall be entitled to a reimbursement for a portion of such installation, if the property the water main crosses is already developed with service from a backyard main or has not been developed. For Parcels that have service from an existing water main in the front yard, reimbursements for main extensions in addition to or replacing existing facilities as necessary per District regulations will not be eligible.
2. Reimbursement shall be made in accordance with the following terms and conditions:
 - a. The Applicant has furnished the District the bid or cost of the main extension.

- b. The Applicant acknowledges approval, in writing, of the reimbursement price as calculated by the District as the equal share based on the supplied bidder costs.
- c. The main extension has been installed as per plans and standards with all deficiencies corrected to the satisfaction of the District.
- d. The main extension is successfully completed, passes a hydro-test, and a sanitary test is taken with satisfactory results.
- e. If applicable, certified on-site test results of Backflows demonstrating compliance with County requirements.
- f. The District has issued written final acceptance for all water facilities as installed per the approved plans.
- g. When the above items have been completed, the Applicant shall then request, in writing, the reimbursement.
- h. Reimbursement shall be made by either of the following methods:
 - i. In full within ten (10) days of receipt of the letter per Section J.2.g above, or
 - ii. As per Section L of this Regulation, "Reimbursement Payments."

K. Reimbursement Fund

There is established a special Facilities Reimbursement Fund. The District will credit to said fund 20% of all Facilities Development Charges paid to the District during each fiscal year. The deposits so obtained shall be the sole source of income to said fund for that year. Any remaining balance in the said fund after payment in that fiscal year to all reimbursement entitlements shall be transferred into the District's General Fund.

L. Reimbursement Payments

On or before April 1st of each year, the District shall pay to the Applicant described in paragraph J above, that proportionate share of the total amount credited to the Facilities Development Fund during the year of his/her payment as his/her contribution bears to the total amount paid into the said fund during the said fiscal year.

On or before April 1st of the second and successive years, the District shall pay to the Applicant that proportionate share of the total amount credited to the Facilities Development Fund during the year of payment as the balance due the Applicant bears to the total amount paid into said fund during the said second and successive years.

An Applicant's reimbursement entitlement shall expire and terminate when the District has paid the same in full without interest, or has made payments within a ten (10) year period from the date of first payment, whichever comes first.

M. Assignment of Reimbursement Entitlement

The District will not recognize any assignment or attempted assignment of a reimbursement entitlement unless the assignment is on a form satisfactory to the District and is signed and acknowledged by the assignor. The District will furnish such forms of assignment upon request.

N. Minimum Water Main Size

The minimum size for water distribution mains necessary to adequately deliver domestic water and public fire protection to all new developments and construction of whatever kind or size shall be determined with reference to real property-use zones established by the County of Sacramento, including any variance granted thereto, and specifically in compliance with the following provisions:

Sacramento County Zoning	Minimum Water Pipeline Size
Industrial (All Types)	16-Inch
Commercial (PB, SC, LG, GC, AC, TC)	12-Inch
Mobile Home Park (RM-1)	12-Inch
High Density Residential (RD-20, RD-30, RD-40)	12-Inch
Public (Schools, Parks, etc.)	12-Inch
Quasi-Public (Hospitals, Churches, etc.)	12-Inch
All Other Zoning*	8-Inch
*Exception: Cul-de-sacs, Single Family (No Fire Hydrant Requirement)	6-Inch

O. Maximum Water Velocity

There is established, with respect to all new Extension Facilities, the requirement that all such facilities be so designed as to provide for a maximum water velocity within the facility of five (5) feet-per-second under maximum day and fire demand conditions, as fire demand is computed under the fire suppression rating schedule, published by the ISO (Editions 6-80, or latest edition). If a conflict between Sections N and O shall exist, the provisions set forth in this Section O shall control.