Exhibit 3- Trip Generation Letter

SOLAEGUI
ENGINEERS

April 14, 2020

Ms. Amber Sosa
City of Sparks
431 Prater Way
Sparks, Nevada 89431

Re: 5 Ridges Trip Generation Review

Dear Amber:

This letter contains the findings of our trip generation review of the proposed 5 Ridges April, 2020 update. The project takes access off Highland Ranch Parkway west of the Pyramid Highway. In September, 2017 a full traffic study was completed for the project. At that time the project included 1,223 single family homes and 13 acres of mini warehouse. The current submittal includes 158 townhouses and 1,062 signal family homes. A copy of the site plan is attached.

In 2017 trip generation calculations were based on the Ninth Edition of *ITE Trip Generation*. Table 1 shows the trip generation summary from the 2017 study.

TABLE 1
TRIP GENERATION FROM THE 2017 TRAFFIC STUDY

LAND USE	ADT	AM PEAK HOUR TOTAL	PM PEAK HOUR TOTAL
Single Family Detached Housing 1,223 Dwelling Units	10,513	866	1,000
Mini Warehouse 13 Acres	461	34	46
Total	10,974	900	1,046

As indicated in Table 1, trip generation totals using from the 2017 traffic study included 10,974 average daily trips with 900 AM peak hour trips and 1,046 PM peak hour trips.

Trip generation calculations for the updated unit counts are based on the new Tenth Edition of *ITE Trip Generation*. The calculation sheets are attached for ITE land use #210 Single Family Detached Housing and #220 Multifamily Housing (Low Rise). Volumes from the fitted curve equation calculation method are utilized. The equation method was also used in the 2017 traffic study. Table 2 shows the trip generation summary for the updated unit counts.

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Civil & Traffic Engineers
e-mail: psolaegui@aol.com

TABLE 2
TRIP GENERATION FEBRUARY 2020 UPDATE

LAND USE	ADT	AM PEAK HOUR TOTAL	PM PEAK HOUR TOTAL
Single Family Detached Housing 1,062 Dwelling Units	9,141	759	982
Multifamily Housing (Townhomes) 158 Dwelling Units	1,154	74	88
Total	10,295	833	1,070
Comparison With 2017 Totals	-679	-67	+24

As indicated in Table 2, trip generation totals for the updated unit count include 10,295 average daily trips with 833 AM peak hour trips and 1,070 PM peak hour trips. These totals include 679 fewer average daily trips with 67 less AM peak hour trips and 24 more PM peak hour trips than presented in the original traffic study. As noted both the average daily trip total and AM peak hour trip total are less than in the 2017 traffic study. The PM peak hour trip total is an increase of only 2.2 percent. These trip totals will result in traffic impact less than or similar to what was calculated in the original traffic study.

We trust that this information will be helpful to you. Please contact us if you have questions or comments.

Very truly yours,
SOLAEGUI ENGINEERS, LTD.

PAUL W. SOLAEGUI

Paul W. Solaegui, P.E.

4-14-20
EXP 6-30-20

Enclosures
Letters/Five Ridges April Update Trip Generation Letter

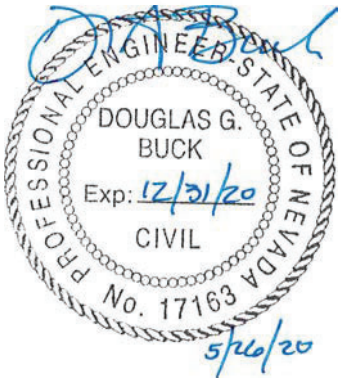
CHRISTY CORPORATION

MASTER SANITARY SEWER REPORT

5 Ridges

Prepared for:

5 Ridges Development Company, Inc.
1 East Liberty, Suite 444
Reno, NV 89501



Prepared by:

Christy Corporation, Ltd.
1000 Kiley Parkway
Sparks, Nevada 89436

May 2020

Introduction

This report summarizes estimated wastewater generation analysis for buildout development for the 5 Ridges project and final design calculations for backbone infrastructure. The purpose of this report is to analyze the proposed sanitary sewer lines for the backbone infrastructure 5 Ridges project site to determine direction of flow, sizing of the sewer lines and to develop a framework for future sewer reports within the 5 Ridges development as well as to determine the anticipated sewage contribution to the Spanish Springs Sewer Interceptor.

The project is located in the foothills on the west side of Spanish Springs Valley, Section 9, Township 20 North, Range 20 East, within the Northern Sparks Sphere of influence (NSSOI), Sparks, Nevada. The proposed development site is north of Highland Ranch Parkway and west of Pyramid Highway. Please reference the attached vicinity map in the appendix.

The 5 Ridges project is a single family and townhome development that will be developed in multiple phases. There are 10 villages and a remainder parcel currently envisioned for the buildout of 5 Ridges.

The current land plan for 5 Ridges identifies a buildout of 1241 single family and townhome units. A total of 158 units are anticipated to be townhomes.

Previous Studies

Sewer Model Update for the City of Sparks, by Atkins, In Progress

Methodology

The City of Sparks does not have an official design criteria requirement for sanitary sewer design flow determination. The method proposed is to use the peak flow rates and occupancy rates, below. Sewer mains are analyzed at 50% flow depth. The following design criteria were used for the preparation of this report:

Manning's Equation: $Q=(1.49/n)AR^{2/3}S^{1/2}$	
Manning's Roughness Coefficient (n value)	0.014
Depth of flow pipe (d/D)	0.50
Main sewer lines (8" and 10")	300 gal/day/capita
Single Family Residential occupancy rate	3.0 capita/du
Multi-Family Residential occupancy rate	2.0 capita/du

The total sewer contribution in (gal/day) was converted to (MGD). Using this quantity sewer lines will be sized using the following Bentley Flow Master output:

8" diameter pipe at 0.4% minimum slope:	½ Full Pipe Discharge – 0.23 MGD
8" diameter pipe at 1%:	½ Full Pipe Discharge – 0.36 MGD
8" diameter pipe at 2%:	½ Full Pipe Discharge – 0.51 MGD
8" diameter pipe at 4%:	½ Full Pipe Discharge – 0.73 MGD
8" diameter pipe at 6%:	½ Full Pipe Discharge – 0.89 MGD
8" diameter pipe at 8%:	½ Full Pipe Discharge – 1.03 MGD
8" diameter pipe at 10%:	½ Full Pipe Discharge – 1.15 MGD
10" diameter pipe at 0.3% minimum slope:	½ Full Pipe Discharge – 0.36 MGD
10" diameter pipe at 1%:	½ Full Pipe Discharge – 0.66 MGD
10" diameter pipe at 2%:	½ Full Pipe Discharge – 0.93 MGD
10" diameter pipe at 4%:	½ Full Pipe Discharge – 1.31 MGD
10" diameter pipe at 6%:	½ Full Pipe Discharge – 1.61 MGD
10" diameter pipe at 8%:	½ Full Pipe Discharge – 1.86 MGD
10" diameter pipe at 10%:	½ Full Pipe Discharge – 2.08 MGD

Reference the appendix for all applicable calculations

Existing Sanitary Sewer System

The proposed site is located north and west of the existing 36" Spanish Springs Sewer Interceptor. The existing interceptor traverses the eastern boundary of the Kiley Ranch North development southeast of this site. Wastewater is conveyed to the Truckee Meadows Water Reclamation Facility (TMWRF) for treatment. The existing sewer network within Kiley Ranch extends from the interceptor through Kiley Ranch, and up Sparks Boulevard to the intersection of Sparks Boulevard, Pyramid Highway, and Highland Ranch Parkway and then up Highland Ranch Parkway terminating approximately 500 feet west of Pyramid Highway. The capacity of this infrastructure is discussed in the Exiting Sewer System section on following pages.

Wastewater Generation

The proposed 1241 units anticipated for buildout of 5 Ridges produce a peak flow of 1,070,000 gallons per day (gpd) or 1.07 million gallons per day (MGD). Project wastewater generation flows were calculated and are shown in the table below.

Table 1. 5 Ridges – Wastewater Generation

Land Use	Number of Units	Unit Flow (gal/unit/day)	Occupancy	Peak Flow (gpd)	Peak Flow (MGD)
Single Family Residential Villages 2, 3, 4, 5 6, 7, 8, 9, & 10	1083	300	3	947,700	0.948
Townhomes Villages 1A & 1B	158	300	2	94,800	0.095
Total	1241			1,069,500	1.070

Proposed Sanitary Sewer System

The proposed sanitary sewer system will consist of 8" and 10" PVC mains with minimum velocities of 2 fps and maximum velocities of 15 fps. Minimum anticipated 8" pipe slopes will be 0.4% to maintain minimum velocities. Sewer mains of 8" and 10" diameter will be utilized to convey buildout flows from the project. The primary sewer mains will be contained in the north-south backbone road, Five Ridges Parkway, and the west leg of Antelope Ridge Parkway, proposed with the project. Sewer mains will be constructed in these roadway to convey wastewater to Highland Ranch Parkway. New sewer will be constructed in Highland Ranch Parkway from Five Ridges Parkway to approximately 500 feet west of the intersection of Pyramid Highway and Highland Ranch Parkway/Sparks Boulevard where the sewer main will connect to an existing 10" sewer main.

Sewer mains proposed within the backbone infrastructure for the development are sized to collect anticipated flows for full buildout of the 5 Ridges development. The backbone infrastructure for the project will serve all Villages and facilities within the development. Backbone roadways include Five Ridges Parkway and Antelope Ridge Parkway. New sewer within Highland Ranch Parkway is also sized pursuant to these calculations. Table 2 and the Contributing Area Map in the Appendix identify the total wastewater generated by Villages at primary nodes in the backbone infrastructure. The flow (Q) in each row of the table in the Node column represents the total cumulative peak sewer flow anticipated in the proposed sewer system at that point. With this flow information and the pipe capacities presented in the Methodology section above, the sewer mains have been sized to flow at less than ½ full flow at buildout.

Table 2. 5 Ridges – Backbone Infrastructure Sewer Main Flows

Node #	Downstream Node	CONTRIBUTING AREA	DU	capita /DU	capita	Q ADD MGD	Q NODE MGD
A2	A1	VILLAGE 8	142	3	426	0.128	0.128
A1	F3	VILLAGE 6	148	3	444	0.133	0.261
F4	F3	VILLAGES 8 & 9 & 10	287	3	861	0.258	0.258
F3	F2						0.519
F2	F1	VILLAGES 2 & 4	102	3	306	0.092	0.611
F1	H2	VILLAGES 3 & 5 & 7	404	3	1212	0.364	0.975
H2	H1	VILLAGE 1B	70	2	140	0.042	1.017
H1	POC	VILLAGE 1A	88	2	176	0.053	1.070
		∑DU	**1241**			**∑Q**	**1.070**

The resultant sanitary sewer pipe network within the backbone infrastructure will consist of 8" sewer mains in Antelope Ridge Parkway and the portion of Five Ridges Parkway above Antelope Ridge Parkway and 10" sewer mains in Five Ridges Parkway below Antelope Ridge Parkway and in Highland Ranch Parkway.

Existing Sanitary Sewer System

Atkins is currently preparing an update to the City of Sparks Sewer Model. The sewer model addresses existing and buildout flows and pipe capacities for Sparks' existing public sewer system. The 5 Ridges development is identified in the buildout condition model being prepared by Atkins. Atkins has provided preliminary results of the sewer model that are included in the appendix to this report.

Atkins' Figure 1 (reference the appendix) presents the existing sewer pipe network that 5 Ridges will connect to. This system consists of 8" to 12" sewer mains in Sparks Boulevard. The main then turns and travels east on Kiley Parkway as a 15" main and is upsized to an 18" sewer interceptor at the intersection of David Allen Parkway and Kiley Parkway where it continues to Henry Orr Parkway where it turns south. The 18" interceptor terminates at the 36" Spanish Springs sewer interceptor.

Atkins' Figure 2 identifies contributory areas to buildout flows referenced in the appendix. These future flows incorporate groundwater infiltration in wet weather conditions as well as provide modeling of dry weather condition flows. In the analysis of new development, pipe capacity requirements for sewer mains and trunk mains (8" to 12") is typically limited to 50% full pipe flow and to 70% full pipe flow for sewer interceptors (pipe >15"). There is a single segment of 8" sewer main in Sparks Boulevard that is identified to be greater than 50% flow at buildout conditions during wet weather conditions. This section of 8" main is modeled to be at 37.9% full during dry weather conditions and 52.5% full during wet weather conditions. The slight exceedance of the 50% full design limit is relatively negligible in the wet weather peak flow condition and does not warrant upsizing of the existing sewer main for the development. As such all sewer mains, trunk mains, and interceptors identified in the model identify existing capacity for buildout of the 5 Ridges development.

Conclusion

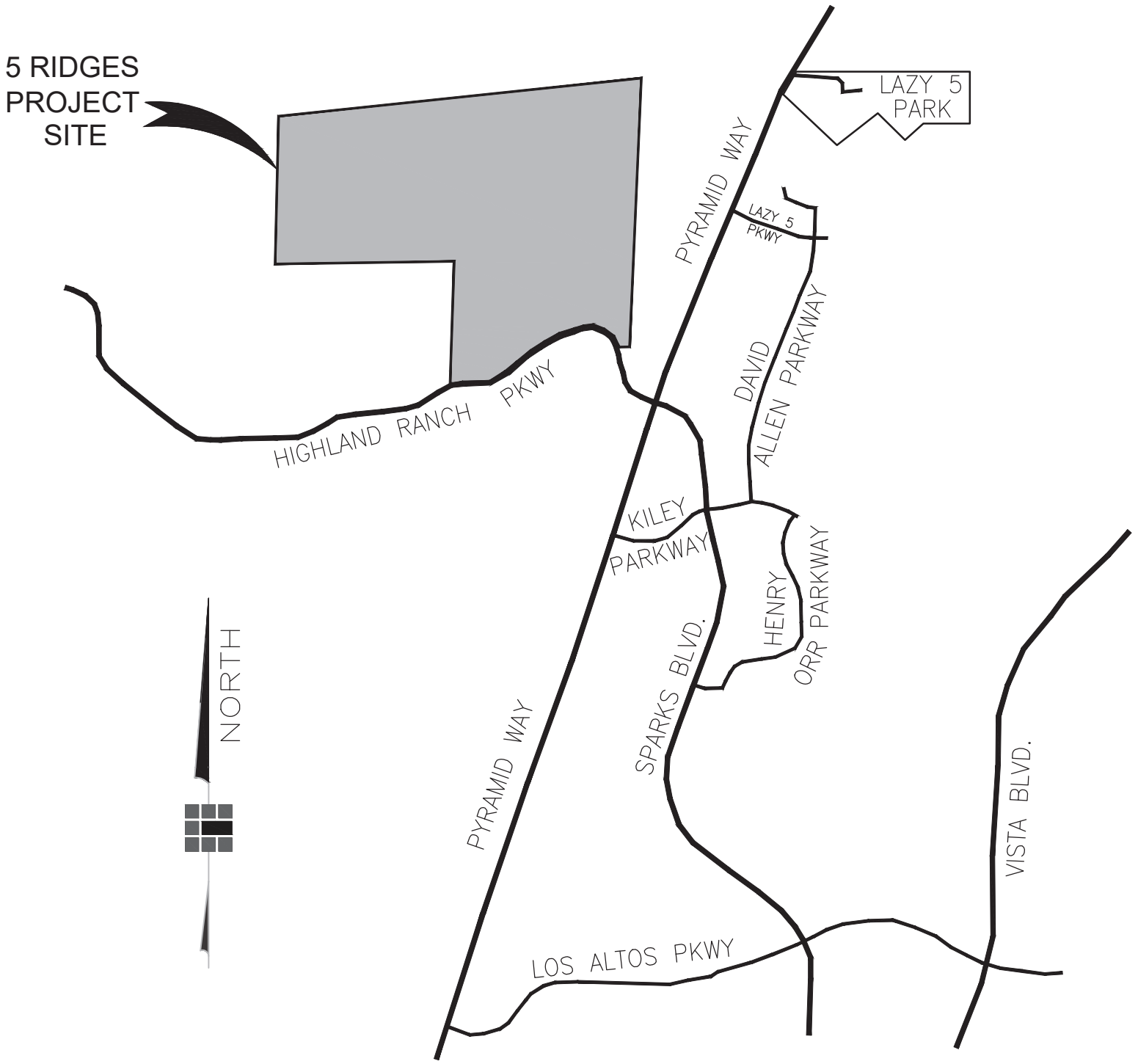
This master final sanitary sewer report defines the overall wastewater generation for 5 Ridges and provides sizing for sewer infrastructure within the backbone roadway system for the development. This study has been prepared in compliance with the existing Sparks sewer modeling and standard engineering practices. The project will not have a negative impact on existing sewer system conveyance capacities.

An individual Final Sanitary Sewer Study will be prepared for each of the Villages within the 5 Ridges development with each final map. As the site sewers to the Truckee Meadows Wastewater Reclamation Facility (TMWRF), each final map will be required to obtain sewer will serve letters from the City of Sparks to reserve treatment capacity prior to recordation or the creation of residential lots.

Appendices

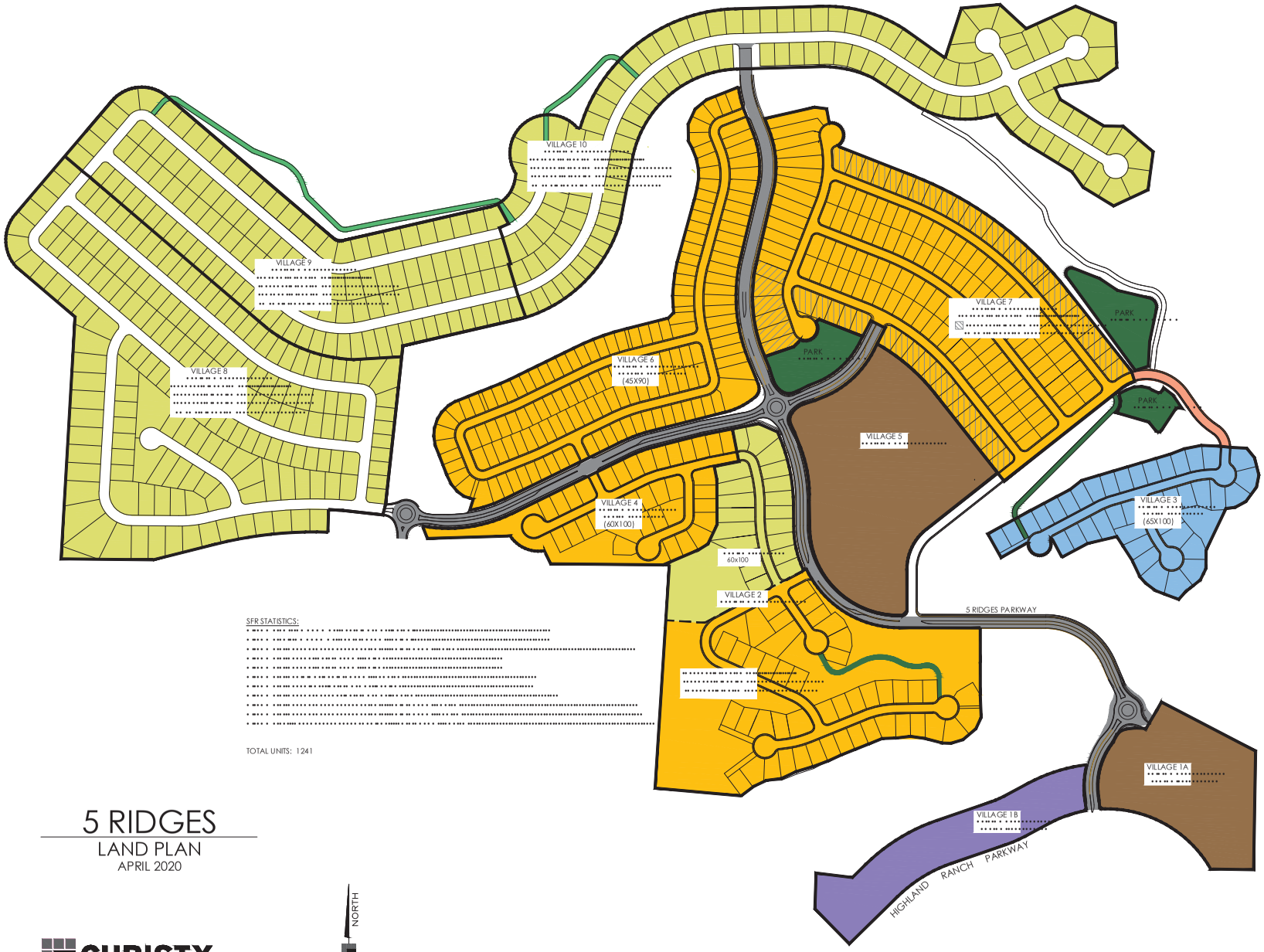
Vicinity Map
5 Ridges Land Use Plan
Variable Slope Pipe Capacities
City of Sparks Sewer Model (Preliminary), Atkins
- Figure 1, Kiley Ranch Area Sewer Network – Vicinity Map
- Figure 2, Kiley Ranch Area Parcels Map (Buildout Condition)
- Sparks Sewer Infrastructure Buildout Capacities

Contributing Area Map



VICINITY MAP

NOT TO SCALE



SFR STATISTICS:

TOTAL UNITS: 1241

5 RIDGES

LAND PLAN

APRIL 2020

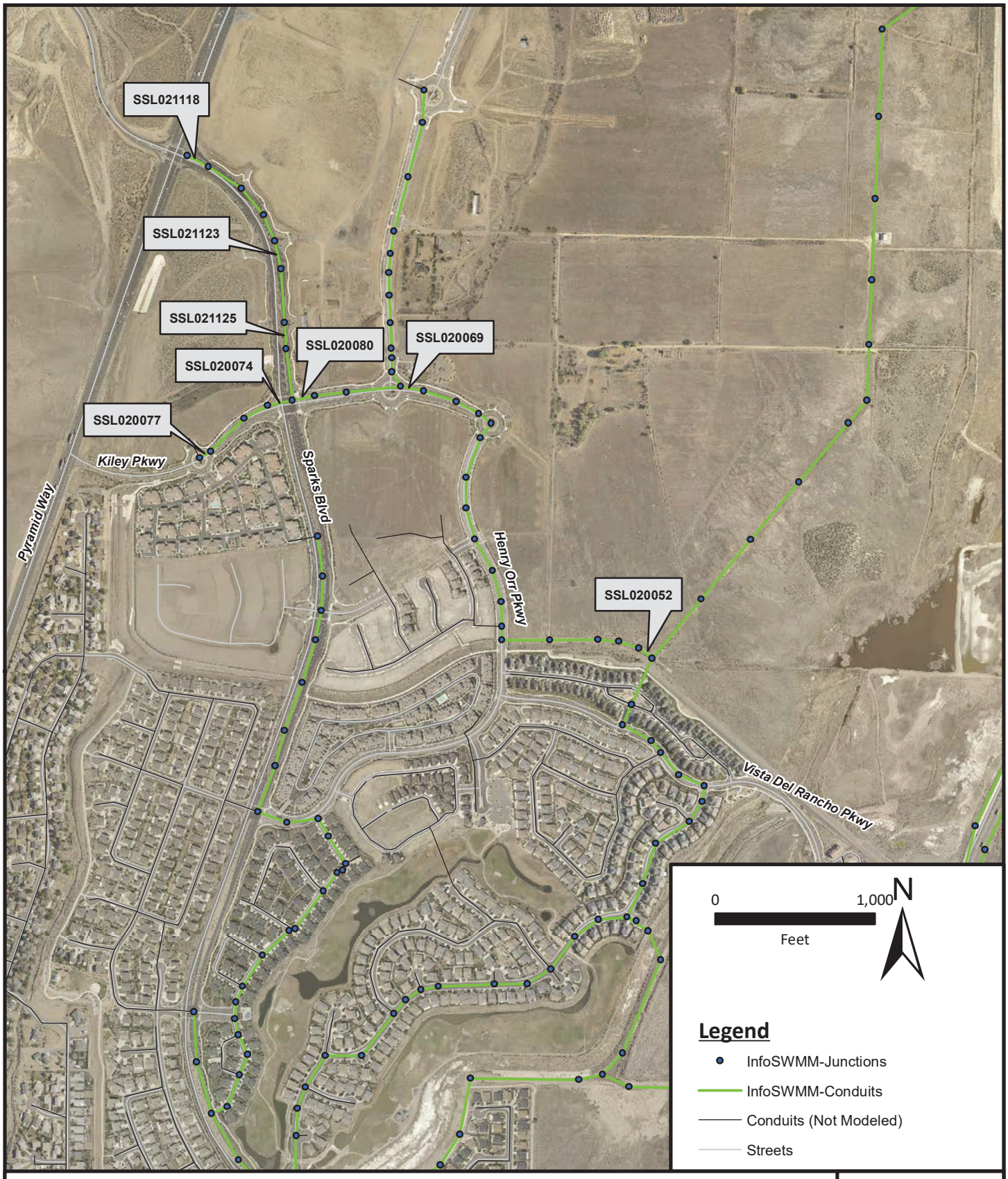
NORTH

1"=200'

CHRISTY CORPORATION
1000 Kiley Pkwy | Sparks Nevada 89436
775.502.8552

5 Ridges SS Analysis - Variable Pipe Size and Slope Report

Label	Roughness Coefficient	Channel Slope (ft/ft)	Normal Depth (in)	Diameter (in)	Discharge (gal/day)	Percent Full (%)	Velocity (ft/s)
8in SS Main @ 10%	0.014	0.10000	4	8	1146628	50.0	10.16
8in SS Main @ 8%	0.014	0.08000	4	8	1025575	50.0	9.09
8in SS Main @ 6%	0.014	0.06000	4	8	888174	50.0	7.87
8in SS Main @ 4%	0.014	0.04000	4	8	725191	50.0	6.43
8in SS Main @ 2%	0.014	0.02000	4	8	512788	50.0	4.55
8in SS Main @ 1%	0.014	0.01000	4	8	362596	50.0	3.21
8in SS Main @ 0.40% Minimum Slope	0.014	0.00400	4	8	229326	50.0	2.03
10in SS Main @ 10%	0.014	0.10000	5	10	2078974	50.0	11.80
10in SS Main @ 8%	0.014	0.08000	5	10	1859491	50.0	10.55
10in SS Main @ 6%	0.014	0.06000	5	10	1610367	50.0	9.14
10in SS Main @ 4%	0.014	0.04000	5	10	1314859	50.0	7.46
10in SS Main @ 2%	0.014	0.02000	5	10	929746	50.0	5.27
10in SS Main @ 1%	0.014	0.01000	5	10	657429	50.0	3.73
10in SS Main @ 0.30% Minimum Slope	0.014	0.00300	5	10	360089	50.0	2.04



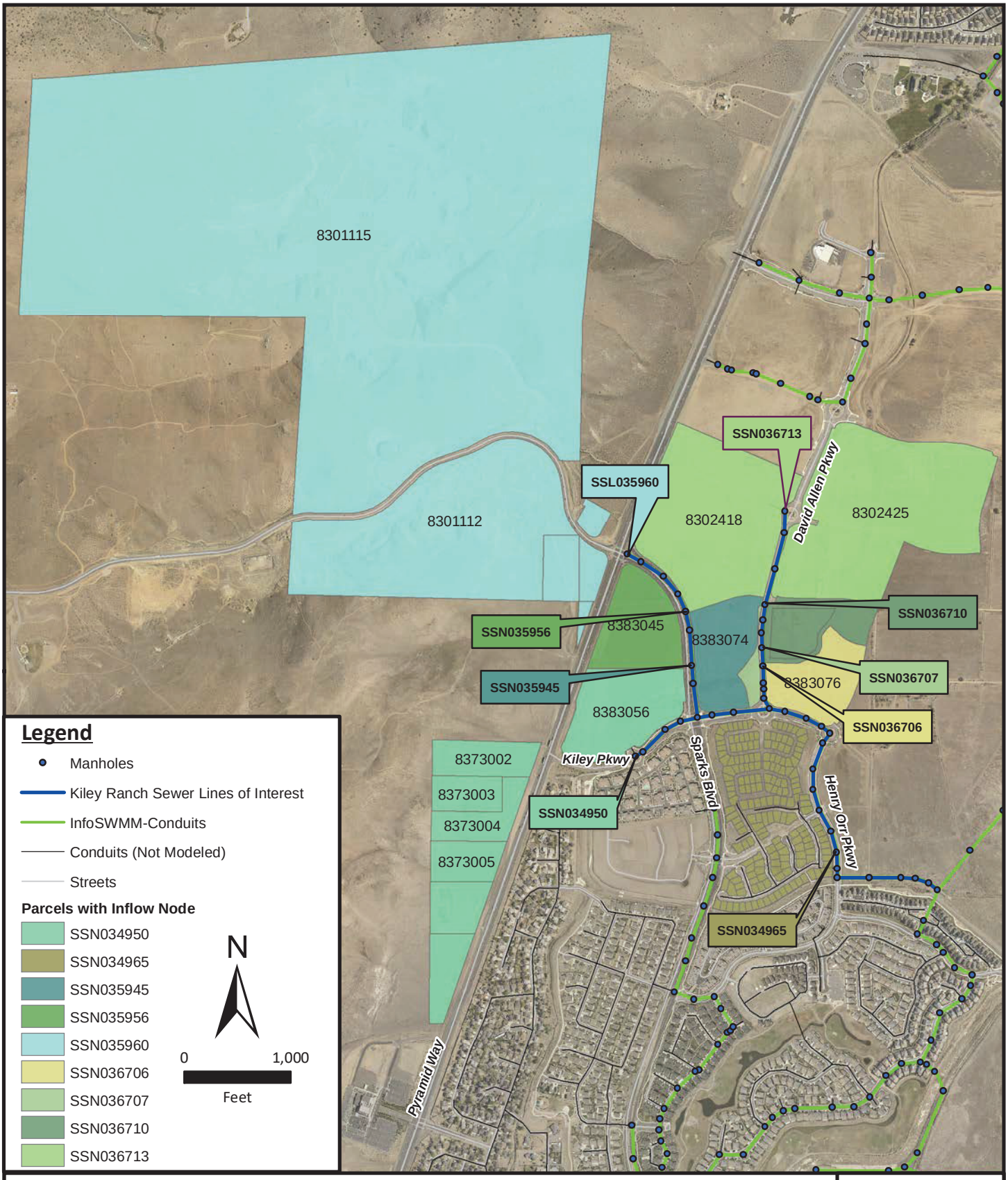
ATKINS

City of Sparks

Sewer Model Update

Kiley Ranch Area Sewer Network - Vicinity Map

Figure 1



ATKINS

City of Sparks

Sewer Model Update

Kiley Ranch Area Sewer Parcels Map (Buildout Condition)

Figure 2

2016 SSMP d/D Values

Kiley Ranch Area

			d/D Values			
MOID	Pipe Size (ft)	Slope	EX_DWF	EX_WWF	FUT_DWF	FUT_WWF
From SSL021118 to SSL020052						
SSL021118	0.67	0.022	0.000	0.055	0.321	0.432
SSL021119	0.67	0.026	0.000	0.070	0.315	0.426
SSL021120	0.67	0.027	0.000	0.077	0.297	0.403
SSL021121	0.67	0.041	0.000	0.110	0.379	0.525
SSL021123	0.83	0.006	0.000	0.096	0.310	0.428
SSL021124	0.83	0.027	0.000	0.087	0.257	0.350
SSL021125	1.00	0.016	0.000	0.071	0.201	0.273
SSL021126	1.00	0.046	0.000	0.097	0.230	0.320
SSL020080	1.25	0.005	0.000	0.105	0.229	0.325
SSL020073	1.25	0.005	0.000	0.108	0.226	0.321
SSL020072	1.25	0.004	0.015	0.124	0.270	0.359
SSL020069	1.50	0.005	0.026	0.118	0.270	0.342
SSL020068	1.50	0.004	0.027	0.125	0.286	0.363
SSL020067	1.50	0.005	0.024	0.111	0.248	0.314
SSL020066	1.50	0.013	0.023	0.110	0.239	0.303
SSL020065	1.50	0.005	0.026	0.124	0.268	0.341
SSL020064	1.50	0.005	0.025	0.123	0.263	0.337
SSL020063	1.50	0.007	0.021	0.103	0.216	0.276
SSL020062	1.50	0.030	0.022	0.108	0.220	0.281
SSL020061	1.50	0.004	0.026	0.134	0.273	0.352
SSL020060	1.50	0.004	0.026	0.135	0.273	0.352
SSL020059	1.50	0.005	0.028	0.134	0.271	0.352
SSL020058	1.50	0.005	0.032	0.142	0.287	0.373
SSL020056	1.50	0.003	0.034	0.151	0.299	0.388
SSL020055	1.50	0.003	0.035	0.159	0.314	0.409
SSL020054	1.50	0.004	0.028	0.129	0.254	0.331
SSL020053	1.50	0.035	0.019	0.085	0.161	0.207
SSL020052	1.50	0.056	0.148	0.263	0.451	0.594
From SSL020077 to SSL020074 (SSL020078 not modeled)						
SSL020077	0.83	0.005	0.000	0.061	0.093	0.165
SSL020076	0.83	0.004	0.000	0.080	0.094	0.175
SSL020075	0.83	0.005	0.000	0.094	0.094	0.182
SSL020074	0.83	0.004	0.000	0.129	0.223	0.342

Notes:

EX_DWF: Existing Condition Dry Weather Flow Scenario

EX_DWF: Existing Condition Wet Weather Flow Scenario

FUT_DWF: Buildout Condition Dry Weather Flow Scenario

FUT_WWF: Buildout Condition Wet Weather Flow Scenario

SSL020078 was not modeled in the 2016 SSMP

5 Ridges SS Analysis - Variable Pipe Size and Slope Report

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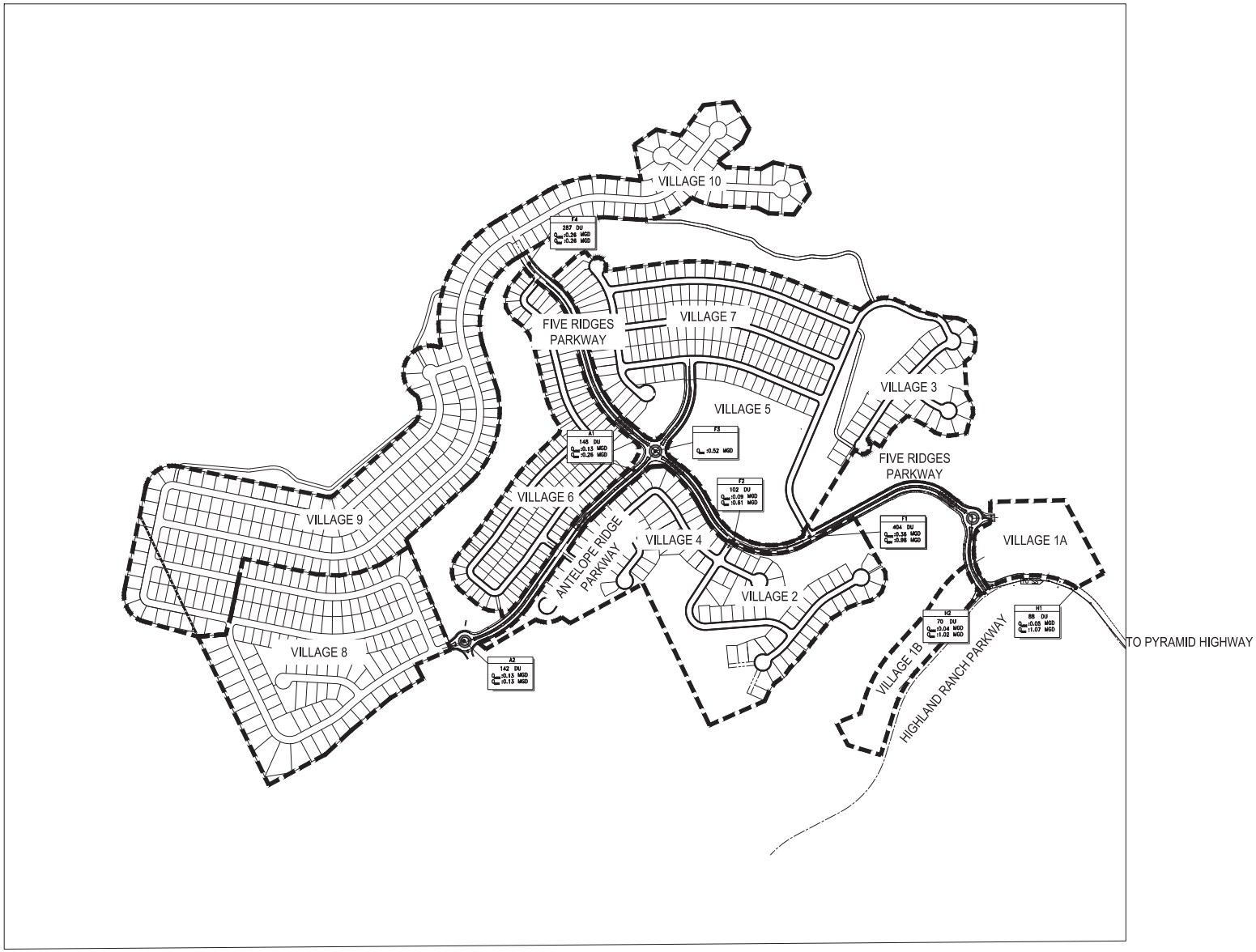

G:\Jobs\Quarry\Sewer\Master\QUARRY MASTER SEWER BASIN MAP.dwg 6/04/20 3:35pm dbuck

CHRISTY CORPORATION
1000 Kiley Parkway | Sparks Nevada 89436
775.502.8552 christynv.com

REV.	DATE	DESCRIPTION	BY

CONTRIBUTING AREA MAP
5 RIDGES DEVELOPMENT
SANITARY SEWER MASTER STUDY
5 RIDGES DEVELOPMENT COMPANY, INC. SPARKS, NEVADA

Designs and drawings contained herein are protected under USC copyright Title 17 Unauthorized duplication is a violation of state and federal law.

Date:	05/26/2020
Designed by:	DGB
Checked by:	DLM
Job No.	1533.007

SS-1

SHEET 1 OF 1

5 Ridges Development

Preliminary Water Service Planning Report

December, 2019
(as revised on 3/2020)

Sandra Ainsworth, Chairperson
Susan Severt, Vice Chairman
Carmen Ortiz, Treasurer
Joseph Barstow, Trustee
Michael Rider, Trustee

Jon Combs, General Manager
Chris Melton, Public Works Director

SHAW ENGINEERING

5 Ridges Development

PRELIMINARY WATER SERVICE PLANNING REPORT

December, 2019

SHAW ENGINEERING
20 Vine Street
Reno, Nevada 89503
775.329.5559
775.329.5406 (Fax)

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Appendix A

1.0 Introduction

The purpose of this Study is to provide a preliminary evaluation of the ability of the Sun Valley General Improvement District (SVGID) to supply municipal water service to a proposed approximate 1,216 unit residential subdivision called "5 Ridges" and to an adjacent property anticipated to consist of approximately 584 additional units (1,800 units total). Both areas are hereinafter referred to as the Development. The location of the proposed Development in Sun Valley is shown in Figure 1 and the Development layout is shown in Figure 2.

This work was initially undertaken in the summer of 2018 and since then has undergone Development lot layout changes, various alternative evaluations and three draft reports. Several meetings with the Developer and/or Developer's Consultants were held during the course of this work.

This final Report remains a preliminary planning effort with the primary purpose of providing a reasonable assessment of the ability of SVGID to be able to supply potable water to the Development and identifying the infrastructure envisioned to be required along with the associated project costs. This Report is not intended to be suitable for submission to the Washoe County Health Department for Development approval which would be required during the tentative map process.

This Study utilized mapping provided by Christy Corporation and Phasing provided by Padovan Engineering basically characterized as follows;

Phase 1A (separate tentative map but concurrent with Phase 1B)

5 Ridges Village 2	73 Residential Homes
5 Ridges Village 3	47 Residential Homes
5 Ridges Village 4	48 Residential Homes
5 Ridges Village 6	137 Residential Homes
5 Ridges Village 7	160 Residential Homes + 2 Parks

Phase 1B (separate tentative map but concurrent with Phase 1A)

5 Ridges Village 1	64 Townhomes
5 Ridges Village 5	119 Residential Homes

Phase 2

5 Ridges Village 8	201 Residential Homes
5 Ridges Village 9	201 Residential Homes
5 Ridges-Village 10	166 Residential Homes

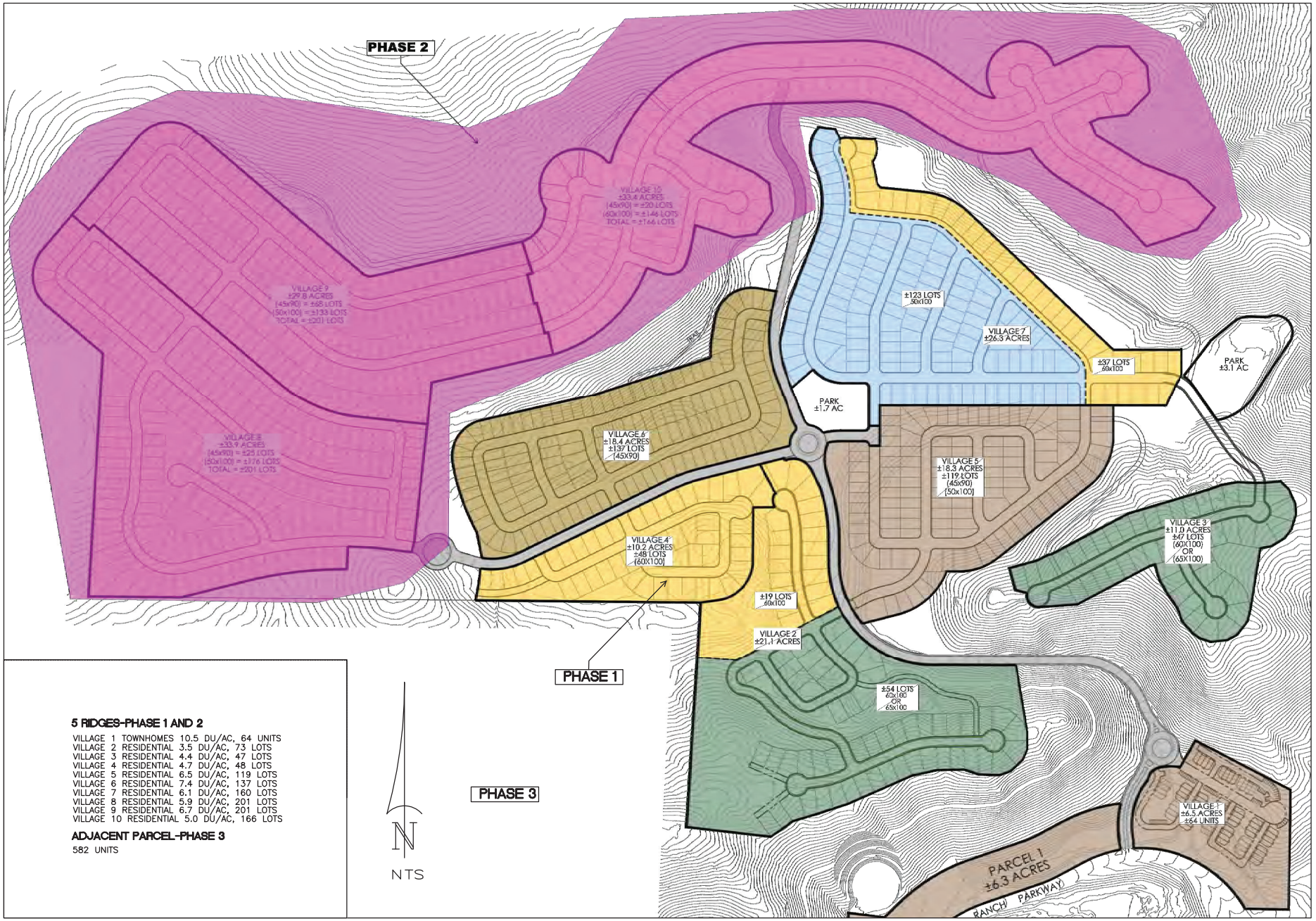
Phase 3

Adjacent Property	582 Units

The 5 Ridges total count is 1,216 customers and includes 2 parks and when added to the adjacent property yields a total count of 1,800 customers.

SHAW ENGINEERING

Figure 1
Site Map



SHAW ENGINEERING

Figure 2
Development Layout

The Development currently lies between and outside of the existing Truckee Meadows Water Authority (TMWA) and SVGID service areas. In discussions between TMWA, SVGID and the Development, TMWA indicated that they would be supportive of SVGID serving the Development if that was the more practical and economical solution. TMWA offered to investigate providing additional source capacity to SVGID if requested. SVGID would, at a minimum, have to modify their existing wholesale service agreement with TMWA to expand SVGID's service area and the Development would have to apply for annexation into SVGID's service area.

2.0 Givens and General Assumptions

All of the existing water system information was obtained from the *SVGID Water System Master Plan Update*, September 2016, (WMP) which was prepared by Shaw Engineering. The following was utilized for the existing SVGID water system based upon the WMP;

Minimum Month Demand	140 GPD/Customer (PF=0.46)
Average Day Demand	262 Gallons per Day (GPD)/Customer
Maximum Day Demand	603 GPD/Customer (PF=2.3)
Peak Hour Demand	1,025 GPD/Customer (PF=3.6)

SVGID's current existing service area buildout customers, current will serves and the proposed Development are summarized below;

SVGID Service Area Buildout	6,950 Customers[1]
Development Phase 1A	467 Customers (includes 2 parks)
Development Phase 1B	183 Customers
Development Phase 2	568 Customers
Development Phase 3	582 Customers
Total	8,750 Customers

(1) Buildout Customers includes full buildout of Ladera and Sun Mesa.

The Development has identified a fire flow requirement of 1,500 GPM for a 2 hour duration. In addition, two parks have been identified and will be designed by the Development to have minimal landscaping and water usage.

This Report follows current SVGID planning and design criteria which is consistent with the Nevada Administrative Code (NAC) and the WMP. In addition, transmission main redundancy is required to serve in excess of 250 Customers.

The street surface elevations in the 5 Ridges portion of the Development varies from approximately 4630 to 4970 feet as shown on the preliminary drawings provided by Christy Corporation provided on October 18, 2019. The ground surface elevations for the adjacent parcel vary from 4800 to 4920 per the topographic drawings provided by Christy Corporation on October 25, 2019. The drawings were utilized in the preparation of this

preliminary plan and in the hydraulic model that was developed. The surface elevations are further broken down by Phases to correspond to SVGID's existing hydraulic pressure zones and are shown in Table 1 below.

TABLE 1
Unit Counts and Flows by Hydraulic Pressure Zones

Phase	Unit	Elevation = 4800-4900 (±) (Chocolate Zone)	Elevation = 4900-5000 (±) (Sidehill/Chimney Zone)
1A	Village 2	73 Houses	
	Village 3	47 Houses	
	Village 4	48 Houses	
	Village 6	137 Houses	
	Village 7	160 Houses + 2 parks	
1B	Village 1[1]	64 Townhomes	
	Village 5	119 Houses	
2	Village 8		201 Houses
	Village 9		201 Houses
	Village 10		166 Houses
3	Adjacent Property	582	
Total		**1,232 Customers MDD = 516 GPM PHD = 877 GPM**	**568 Customers MDD = 238 GPM PHD = 404 GPM**
		1,800 Customers MDD = 754 GPM PHD = 1,281 GPM	

Footnotes

1. *Surface elevations <4800 and Customer Service will require pressure reducing valve.*

Based upon the above presented information, the total approximate flows utilized in this Plan are summarized in Table 2 on the following page.

TABLE 2
Total System Wide Flows

Number	Minimum Month Demand	Average Day Demand	Maximum Day Demand	Peak Hour Demand
8,750 Customers[1]	851 GPM	1,592 GPM	3,664 GPM	6,228 GPM

1. *SVGID is 6,950 (5,831 in Chocolate/Central/Southern + 762 in Sidehill/Chimney + 357 in Boundary) plus Development is 1,800 (1,232 in Chocolate and 568 in Sidehill/Chimney).*

3.0 Water Infrastructure Requirements

3.1 General

Several alternatives were evaluated over the past year and a half as part of this analysis. The following sections justify the improvements required and identify the recommended alternative including a phased approach for construction. At the request of the Development, new offsite water improvements were located within existing public rights of way whenever possible.

3.2 Source Capacity

SVGID currently has a total source capacity available during all times of the year of up to 4,700 GPM from two TMWA wholesale points, Sullivan Lane (3,600 GPM) and Raleigh Heights (1,100 GPM).

With the largest wholesale point off line (Sullivan Lane), which would be considered an emergency event (enacted water restrictions to minimum month demand), SVGID would have the ability to provide a total gravity source capacity of 1,100 GPM (Raleigh Heights via Boundary Tank) (WMP, Section 3.2.1) from the remaining wholesale point.

Since the existing source capacity (4,700 GPM maximum day and 1,100 GPM minimum month during an emergency) exceeds the proposed Maximum Day Demand (3,664 GPM from Table 2) and the Minimum Month Demand during an emergency (851 GPM from Table 2), the SVGID system currently has the source capacity available to meet the proposed Development Demands.

3.3 Pumping Stations

The majority of SVGID system demands are met by pumping to storage. The Development will lie in two pressure zones which are configured to correspond to the existing SVGID Chocolate (served by the Main Pump Station) and Sidehill/Chimney (served by the Main and Juniper Terrace Pump Stations) pressure zones.

Chocolate Pressure Zone.

The Main Pump Station serves four tanks located in the Chocolate Pressure Zone and the Juniper Terrace Tank and Pump Station. The existing Klondike Tank is located closest to the Development and will be the most impacted by the Development demands. The Klondike Tank is the tank located furthest from the Main Pump Station and as a result is the last tank to fill. The Klondike Tank is also the controlling tank for the Main Pump Station. Hydraulic modeling of the existing system, and past operational experience, has demonstrated that this tank can have difficulty maintaining adequate tank levels during maximum demands. This issue will be exacerbated by the Development.

Initially a new "Klondike Pump Station" was considered to address this issue however there was a general reluctance to add another pump station to the system for a variety of reasons. Additional alternatives were then considered and investigated further. Ultimately, improvements to the existing Main Pump Station itself as described herein and upsizing and rehabilitating the transmission mains to the Klondike Tank (as described later in this Report) were selected in lieu of adding another pump station to the system.

Presently the Main Pump Station is comprised of five pumps of varying capacities. It is recommended that the five pumps be replaced with three variable frequency driven pumps so that when two pumps are running together the total flow rate is 3,600 GPM (1,800 GPM/pump) at 100 percent speed. The 3,600 GPM capacity matches the capacity of the Sullivan Wholesale Point. The third pump would act as a standby. These pump modification will also require that some of the existing piping, electrical and building systems be modified as well.

Sidehill/Chimney Pressure Zone.

The Juniper Terrace Pump Station generally serves the eastern larger portion of this Zone and the Raleigh Heights Wholesale point serves the smaller western portion. The Juniper Terrace Pump Station was recently replaced with a new duplex facility capable of pumping 600 GPM. The facility will have to be upsized to 700 GPM (762 Existing SVGID + School (60 GPM) + 568 Development) to meet the maximum day demands. It is envisioned that the two pumps and motor starters will have to be replaced along with the some minor piping modifications and the addition of dedicated standby power.

3.4 Storage Tanks

Chocolate Pressure Zone.

The existing Chocolate Zone storage, which includes the Klondike Tank, has approximately 1.77 MG of excess storage capacity available (WMP, Table 4.5 revised for Klondike HWL of 4993) which is equivalent to approximately 2,800 customers. The Chocolate Zone storage also has adequate fire storage available capable of 3,000 GPM

for 3 hours. No additional storage would therefore be required in the Chocolate Zone to serve the Development which requires storage for 1,800 customers.

Sidehill/Chimney Pressure Zone.

The Sidehill/Chimney Zone storage, with the addition of the new middle school and related fire storage requirements, has 0.15 MG of excess capacity currently available (WMP Table 4.5 as revised for the addition of the new school). This is equivalent to approximately 239 customers. The Development will add approximately 568 customers to this zone and therefore an additional 200,000 gallons is needed. In order to distribute storage equally in this Zone, it is recommended that this additional storage be located at the existing Sidehill Tank site. The existing 0.29 MG Sidehill Tank should be replaced with a new 0.50 MG gallon storage tank. The existing 0.46 acres (150 ft x 135 ft) BLM easement for the site itself may have to be expanded to accommodate this larger tank. Consideration should be given by SVGID to upsize this tank to 0.70 MG which will provide additional capacity to this Zone for future individual customers.

3.5 Transmission/Distribution

Chocolate Pressure Zone

Phase 1 T Mains #1/Klondike Vault Improvements. The last reach of the existing 12 inch PVC T Main that serves the Klondike Tank requires replacement with a 16 inch PVC T Main (2,000 ft). In addition, the 8 inch altitude valve vault piping at the Klondike Tank will have to be increased to 12 inch These improvements reduces the headloss in the T Mains serving the Klondike Tank and will therefore increase the Main Pump Station flow rate into the Klondike Tank. The alignments will follow the existing utility right of way. Figure 3 illustrates these improvements.

Phase 1 T Main #2. A new 16 inch DIP (ductile iron pipe) T Main from the existing Klondike Tank to the edge of Phase 2 Village 8 which also corresponds with an anticipated future connection to serve Phase 3 (1,300 ft). This alignment was selected by the Developer and will require deep cuts to maintain a positive downward slope on the T Main leaving the tank and to construct an access road over the pipe to minimize the pipe bury depth. At the edge of Phase 2 Village 8, the T Main would reduce to a 12 inch DIP and continues to travel through Phase 2 Village 8 to Phase 1 Village 4 (2,300 ft). Figure 3 illustrates this improvement.

Phase 1 T Main #3. This new PVC T Main is required for redundancy and includes a 12 inch main that travels from Summer Street east along Highland Ranch Parkway to Phase 1 Village 1 (8,100 ft). This alignment is within public right of way and is shown in Figure 3.

Sidehill/Chimney Pressure Zone

Phase 2 T Main #4A and #4B. T Main #4A upsizes the existing 12 inch to a 14 inch PVC between the existing Chimney Tanks and Barrel Springs Road within existing BLM ROW. T Main #4B is a 12 inch DIP that extends from Sun Valley Boulevard to Village 9 (4,400 LF) that lies partially on private property and final route selection shall be determined during engineering design. See Figure 4.

Phase 2 T Main #5. This is a redundant 12 inch PVC T main that extends from Rembrandt Drive to Village 9 (2,100 feet). The alignment is on private property and the final route selection shall be determined during engineering design. See Figure 4.

Phase 2 Tangberg PRV and Distribution Main. In order to provide source redundancy to the Development and to also satisfy the additional demands that the Sidehill/Chimney Zone will now experience on the west side, the need to bring wholesale water directly from the Boundary Zone into the east side of the Sidehill/Chimney zone is needed. This is accomplished by construction a new PRV station at the existing West 7th Pump Station location and running an 8 inch PVC main east along 7th Street and then north on Tangberg to Mineral (3,500 feet). This alignment is located in public right of way and is shown in Figure 5.

Phase 3 T Main #6. There are older 14 inch and 16 inch asbestos cement T-Mains that lie in Sun Valley Boulevard between the Main Pump Station and 4th Street that serve the Chocolate Zone. These mains are important for system reliability and will be relied upon even more with the addition of the Development. As such it is recommended that these older mains be replaced with 16 inch DI pipe.

Isolation Valves. Isolation valves need to be inserted in at least three locations into the existing 12 inch T Main that is in Sun Valley Boulevard in order to increase system reliability and redundancy.

Other

Onsite Transmission/Distribution. Main sizes within the Development are shown in Appendix A. One on site pressure reducing station will be required between the upper Sidehill/Chimney Zone and the lower Chocolate Zone for added redundancy.

3.6 Estimated Project Cost

The estimated preliminary total project cost for the required "offsite" improvements for all phases including construction, engineering, construction administration and contingency is $12.0 million ($6,667/lot). The breakdown for the costs is shown in Table 3 on the following page. Figures 3 through 6, pages 11 through 14, illustrate the improvements.

TABLE 3
Project Phasing and Estimated Preliminary Project Costs

Phase & Units Served	Infrastructure Description	Quantity	Unit Price	Total	
Phase 1 Villages 1-4 232 Units (Figure 3)	16 inch PVC T Main #1/Klondike Vault Pipe Upsize	2,000 LF	$160/LF	$320,000	$912,000
	16 inch DIP T Main #2	1,300 LF	$190/LF	$247,000	
	12 inch DIP T Main #2	2,300 LF	$150/LF	$345,000	
Phase 1 Villages 5-7 418 Units (Figure 3)	12 inch PVC T Main #3	8,100 LF	$120/LF	$972,000	$1,872,000
	Main Pump Station Pump Replacement	1	$900,000	$900,000	
Phase 2 Village 8 201 Units (Figures 4 & 5)	14 inch PVC T Main #4A	1,700 LF	$140/LF	$238,000	$1,303,000
	12 inch DIP T Main #4B	4,400 LF	$150/LF	$660,000	
	Tangberg PRV	1	$125,000	$125,000	
	Tangberg 8 inch main	3,500 LF	$80/LF	$280,000	
Phase 2 Village 9 and 10 367 Units (Figures 4 & 5)	12 inch PVC T Main #5	2,100 LF	$120/LF	$252,000	$1,452,000
	JP Pump Station 700 GPM/Standby Power	1	$400,000	$400,000	
	Sidehill Tank Demo/ New 0.50 MG Tank	1	$800,000	$800,000	
Phase 3 582 Units (Figure 6)	16 inch DIP T Main #6 Replacement	5,000	$250	$1,250,000	$1,400,000
	Isolation Valves	1	$150,000	$150,000	
See App A	Onsite Transmission/ Distribution Mains/PRV	n/a	n/a	n/a	n/a
				Subtotal	$6,939,000
				Contractor OH & Profit, 15%	$1,041,000
				Total Estimated Construction	$7,980,000
				Design, Permitting and Construction Administration, 20%	$1,596,000
				Contingency, 30%	$2,394,000
				Total Estimated Preliminary Project Cost	**$11,970,000**

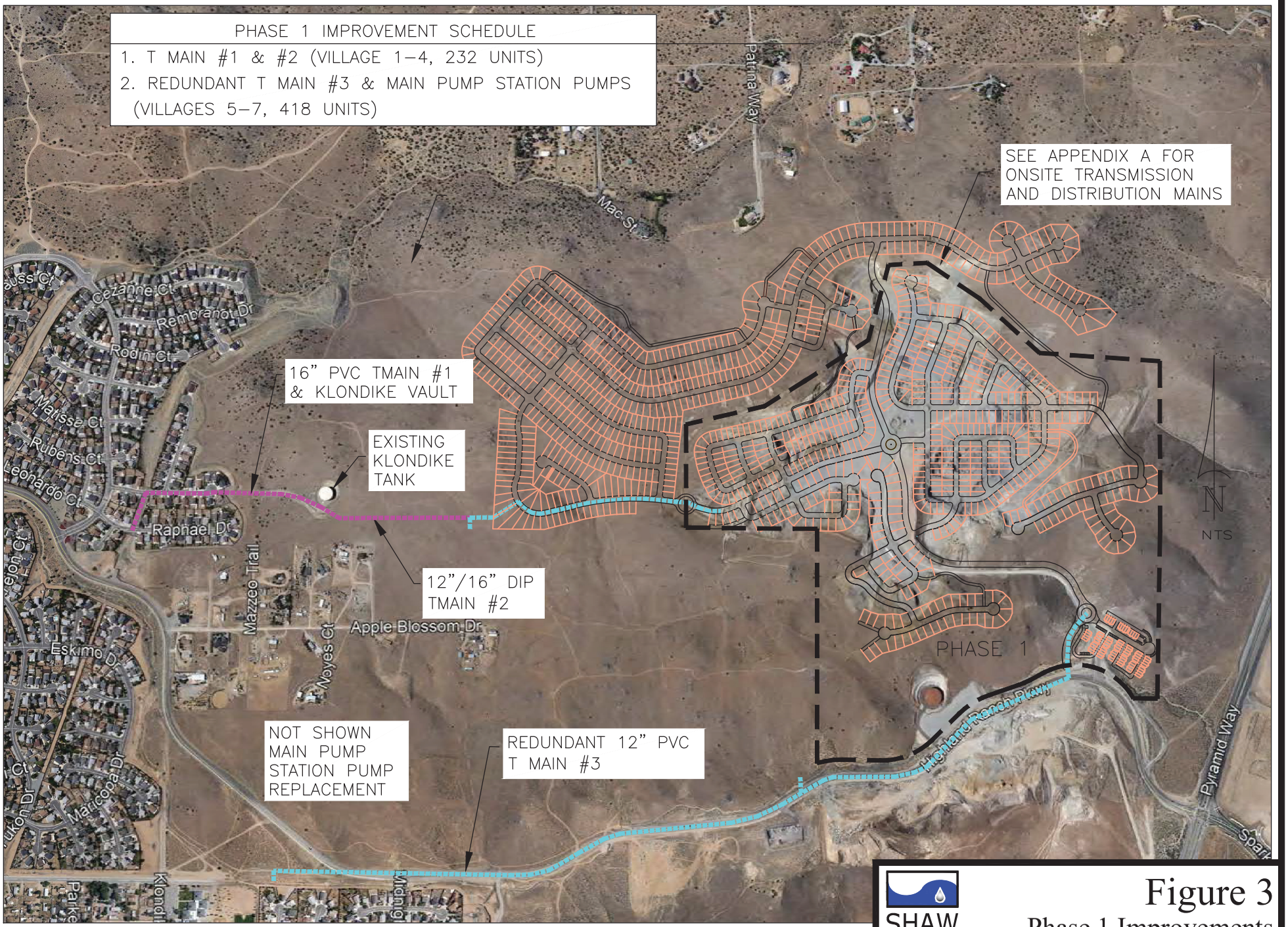


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Figure 3
Phase 1 Improvements

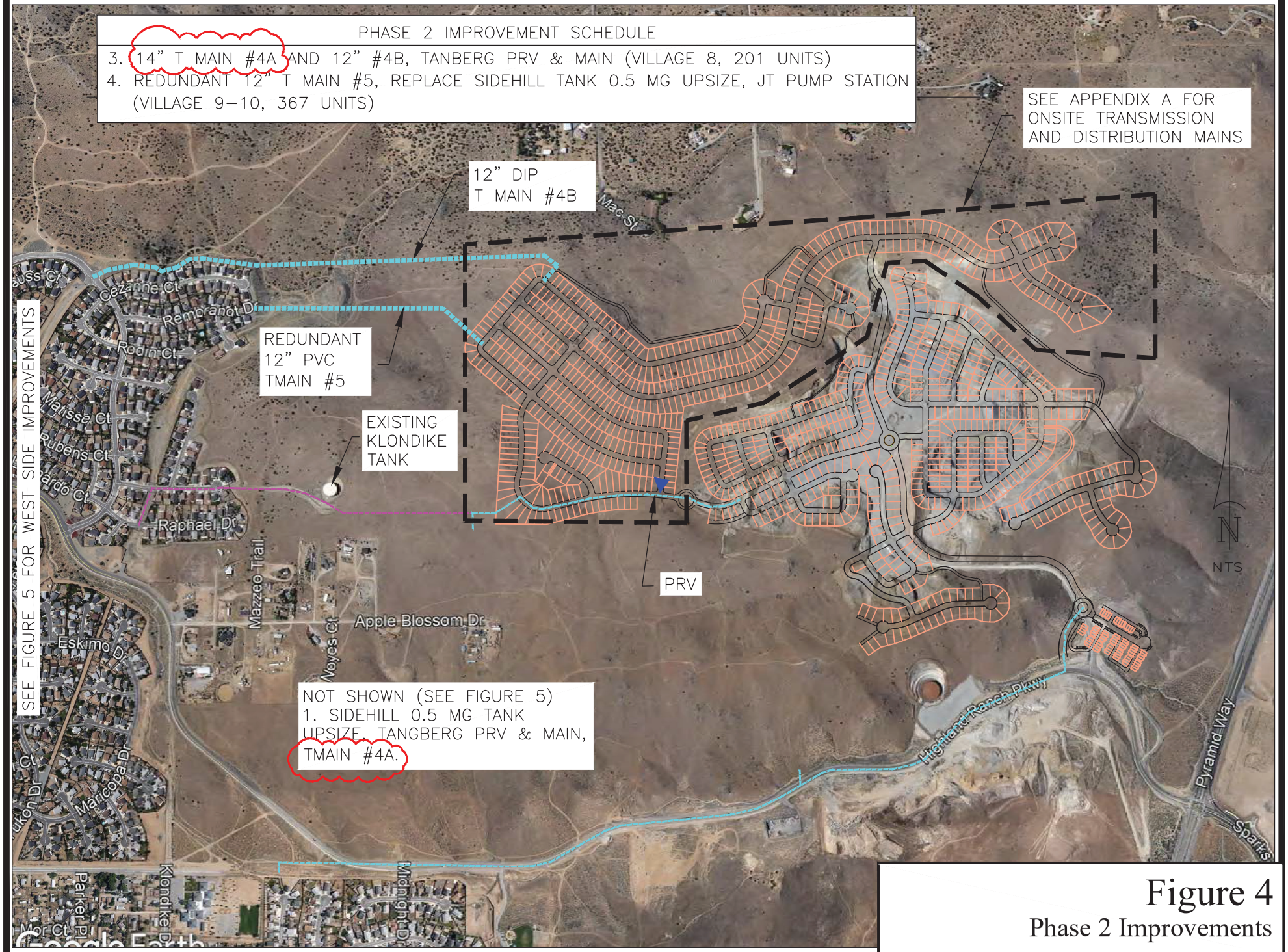

Figure 4
Phase 2 Improvements

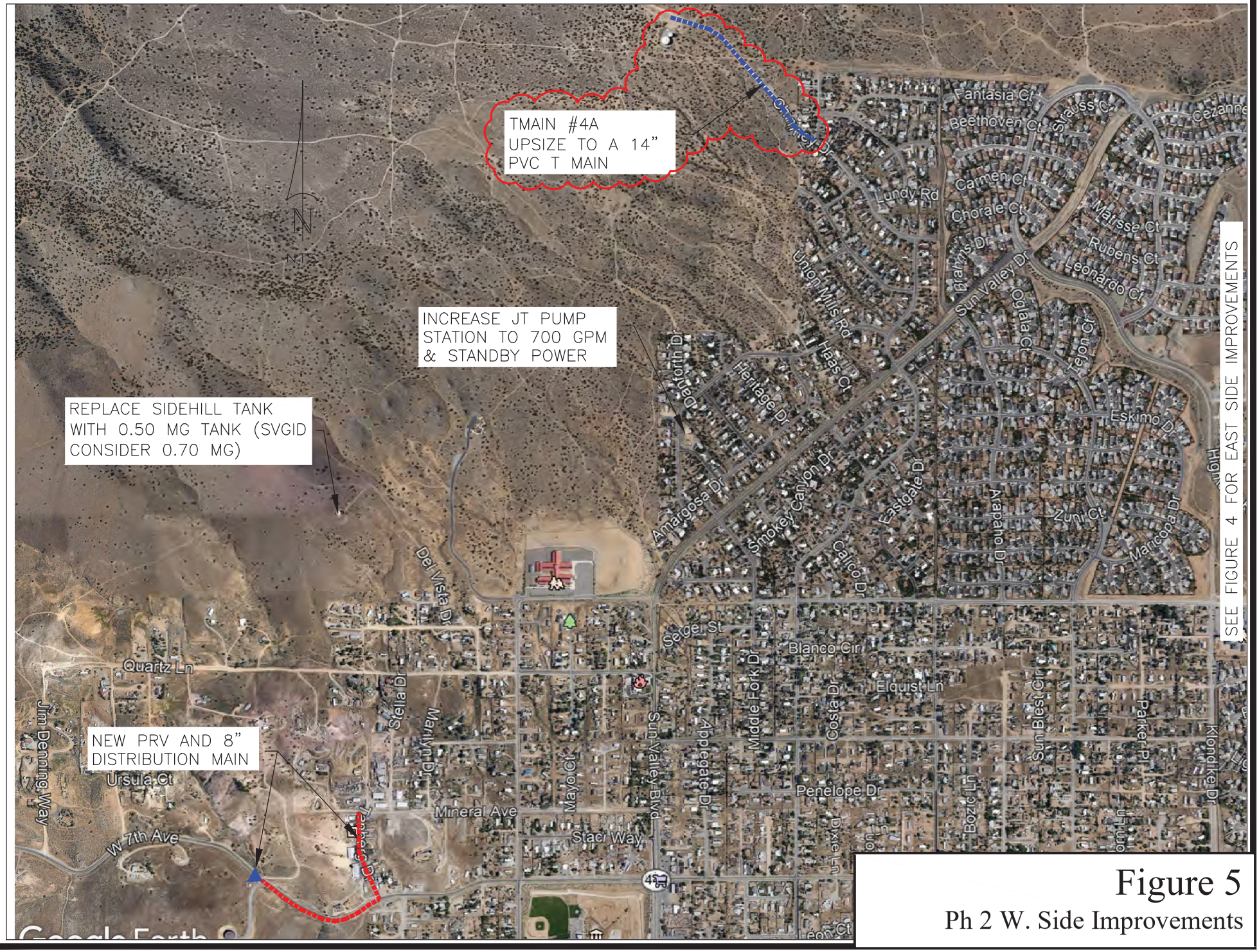

Figure 5

Ph 2 W. Side Improvements

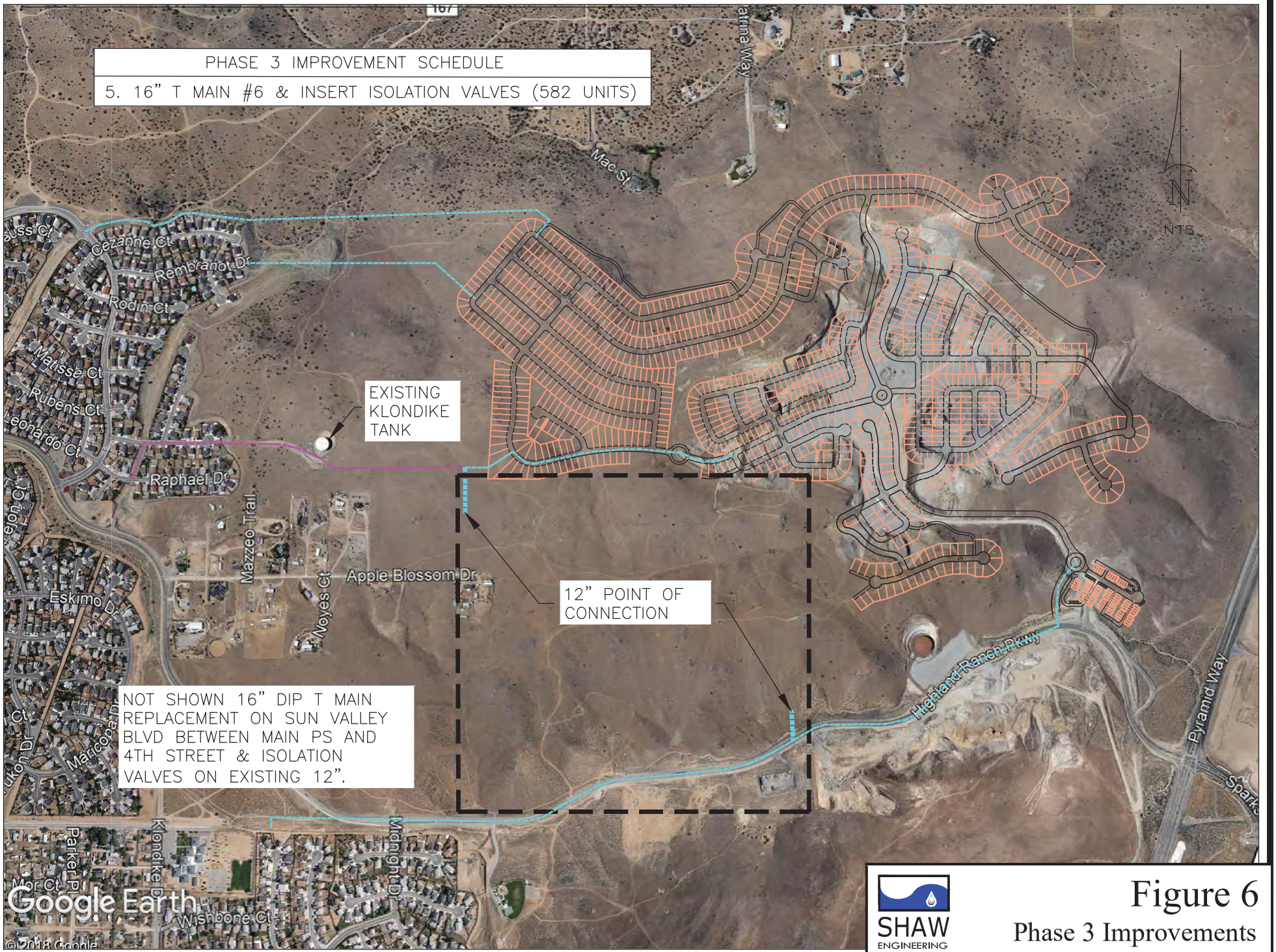

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Figure 6
Phase 3 Improvements

4.0 Additional Comments and Considerations

The following additional comments and considerations should be noted;

1. This Report utilized street elevation and lot layouts provided by the Development. Any changes to these two items will require revisions to the hydraulic model and could impact the required infrastructure described herein.

2. Successful modification to the TMWA Wholesale Agreement is necessary to expand the existing SVGID Service Area. Although there is presently source capacity currently available, SVGID may want to consider modifying the Wholesale Agreement for additional capacity.

3. Successful annexation into SVGID Service Area is necessary.

4. Location of the T Mains will have to be investigated further and positively confirmed. The ability and related cost to acquire the land, right of way and/or easements have not been investigated in this Report.

5. No consideration was given to environmental permitting, required mitigation or the related costs.

6. The 1,500 GPM, 2 hour duration fire flow presented by the Development will need to be confirmed by the Fire Authority. Changes in the required fire flows could impact the required infrastructure described herein.

7. Water demand projections are based upon past historical SVGID Customer water usage which is mainly related to residential and neighborhood commercial type of use which is believed to be consistent with this Development.

8. Any costs associated with onsite transmission mains, distribution mains and related distribution system appurtenances (including pressure reducing stations, fire hydrants, valves, meters and services), connection fees and water rights dedications and any other fees, unless specifically indicated otherwise, have not been included in this Report.

9. Opinions on construction costs provided herein are made on the basis of experience and qualifications of Shaw Engineering. Furthermore, the estimates are based upon current prices and appropriate escalation or de-escalation factors need to be considered as time passes. Since Shaw Engineering has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, Owner is cautioned that the prices presented cannot and do not guarantee that the actual construction bid will not vary from opinions of construction cost presented herein. If Owner wishes greater assurance as to construction cost estimates, Owner should consider employing an independent cost estimator.

Appendix A – Hydraulic Modeling Map & Results

Hydraulic Model Map

Hydraulic Model Results

Residual Pressures (Pumps Off)

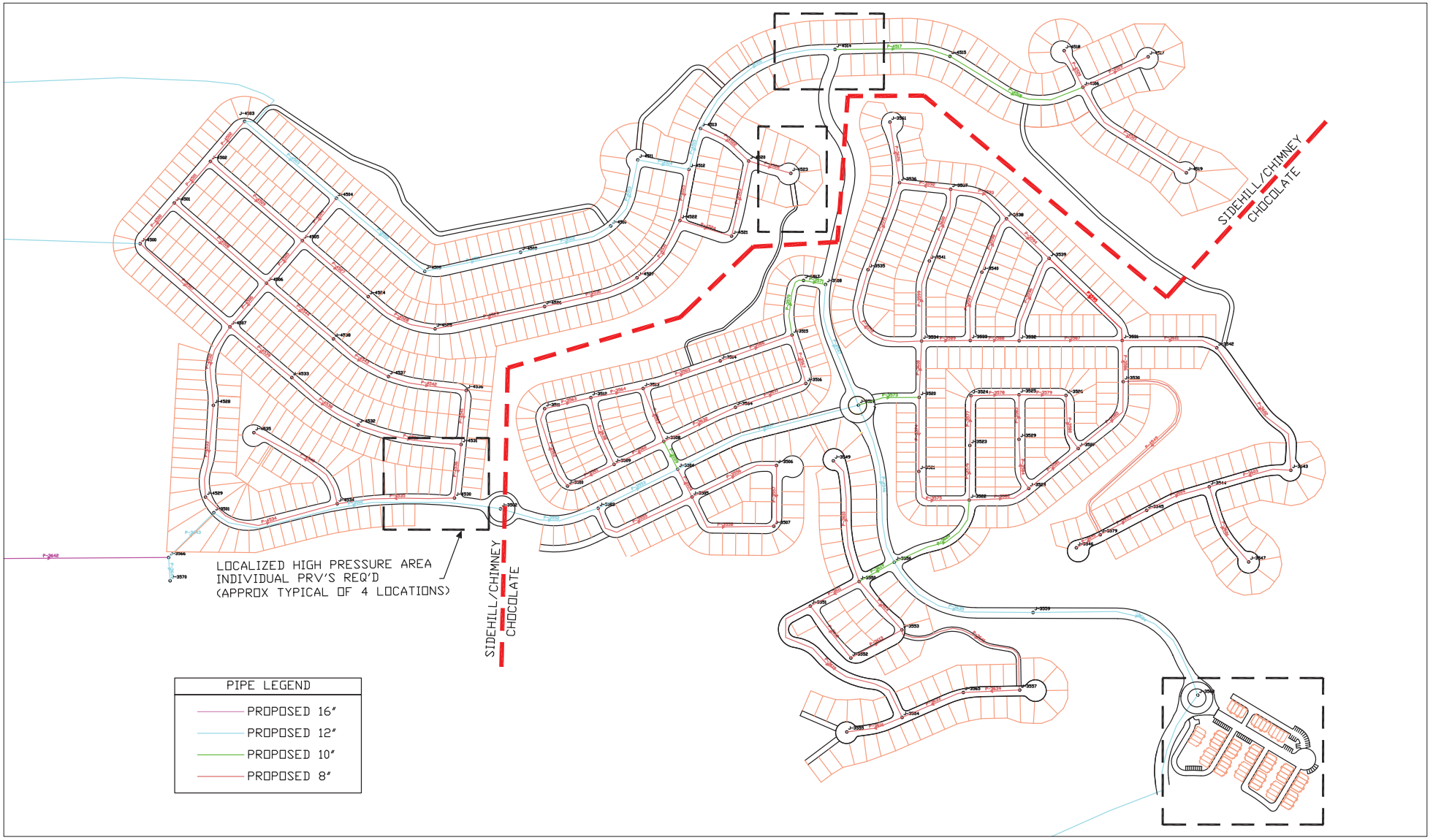
Maximum Day + 1,500 GPM Fire Flow

Maximum Day

Peak Hour

Zero Demand

Hydraulic Model Map



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Appendix A

Development Water System Layout

Residual Pressures
Maximum Day + 1,500 GPM Fire Flow

Scenario Summary Report
Scenario: Existing SVGID System + 5 Ridges

Scenario Summary

ID	64
Label	Existing SVGID System + 5 Ridges
Notes	
Active Topology	Base-Active Topology
Physical	Existing System
Demand	8750 Customers Maximum Day Demand
Initial Settings	Existing System Pumps OFF Tanks at 50%
Operational	Base
Age	Base-Age Alternative
Constituent	Base-Constituent
Trace	Base-Trace Alternative
Fire Flow	All Nodes
Energy Cost	Base-Energy Cost
Transient	Base Transient
Pressure Dependent Demand	Base Pressure Dependent Demand
Failure History	Base Failure History
SCADA	Base SCADA
User Data Extensions	Base-User Data
Steady State/EPS Solver Calculation Options	Proposed SVGID System
Transient Solver Calculation Options	Base Calculation Options

Hydraulic Summary

Time Analysis Type	Steady State	Use simple controls during steady state?	True
Friction Method	Hazen-Williams	Is EPS Snapshot?	False
Accuracy	0.001	Start Time	12:00:00 AM
Trials	40	Calculation Type	Fire Flow

Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
FlexTable: Tank Table

Label	Zone	Elevation (Base) (ft)	Elevation (Minimum) (ft)	Elevation (Initial) (ft)	Elevation (Maximum) (ft)	Diameter (ft)	Volume Full (Calculated) (gal)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
Eastside	Zone-1-2-3	4,963.00	4,963.00	4,978.00	4,992.92	90.00	1,423,863.12	811	4,978.00
Chocolate	Zone-1-2-3	4,964.25	4,964.25	4,978.00	4,992.92	74.00	922,386.13	394	4,978.00
Klondike	Zone-1-2-3	4,968.00	4,968.00	4,978.00	4,992.92	107.00	1,676,243.96	1,057	4,978.00
Juniper Terr. Tank	Zone-1-2-3	4,952.29	4,952.29	4,974.94	4,974.94	60.00	479,062.68	0	4,974.94
Sidehill	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,119.34	5,134.41	40.00	285,863.06	83	5,119.34
Chimney 1	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,119.34	5,135.09	40.00	292,255.26	239	5,119.34
Westside Tank	Zone-3 (Chocolate)	4,961.90	4,961.90	4,978.00	4,992.92	90.00	1,476,211.03	696	4,978.00
Boundary Tank	Zone 6 (Boundary)	5,279.50	5,279.50	5,297.50	5,315.50	80.00	1,353,642.89	150	5,297.50
Chimney 2	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,119.34	5,135.09	75.00	1,027,459.90	236	5,119.34

3,666

S:\Projects\STU\SVGID\SVGID, Quarry Development, 18045.00W\2019 11 Nov Report\Watercadd\2019 SVGID School + 356 Ladera + 5 Ridges Water Model.wtg

Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
Fire Flow Node FlexTable: Fire Flow Report

Label	Zone	Satisfies Fire Flow Constraints?	Fire Flow (Available) (gpm)	Pressure (Calculated Residual) (psi)	Pressure (Calculated Zone Lower Limit) (psi)	Junction w/ Minimum Pressure (Zone @ Total Flow Needed)	Velocity of Maximum Pipe (ft/s)	Pipe w/ Maximum Velocity
J-1001	Zone-1 (Southern)	True	4,321	31	20	J-1015	44.12	P-1001
J-1002	Zone-1 (Southern)	True	781	21	20	J-1006	9.31	P-1001
J-1003	Zone-1 (Southern)	True	781	21	20	J-1006	9.31	P-1001
J-1004	Zone-1 (Southern)	True	711	21	20	J-1006	9.00	P-2196
J-1005	Zone-1 (Southern)	True	690	20	21	J-1006	9.00	P-2196
J-1006	Zone-1 (Southern)	True	574	20	21	J-1007	8.96	P-2196
J-1007	Zone-1 (Southern)	True	558	20	21	J-1006	8.96	P-2196
J-1008	Zone-1 (Southern)	True	2,298	31	20	J-1015	20.66	P-1001
J-1009	Zone-1 (Southern)	True	977	24	20	J-1014	10.81	P-2196
J-1010	Zone-1 (Southern)	False	469	20	40	J-1014	12.05	P-1014
J-1011	Zone-1 (Southern)	True	943	27	20	J-1014	10.80	P-2196
J-1012	Zone-1 (Southern)	True	938	26	20	J-1014	10.80	P-2196
J-1013	Zone-1 (Southern)	True	936	28	20	J-1014	10.80	P-2196
J-1014	Zone-1 (Southern)	True	892	20	28	J-1015	10.76	P-2196
J-1015	Zone-1 (Southern)	True	1,039	20	25	J-1014	10.85	P-2196
J-1016	Zone-1 (Southern)	True	1,726	32	20	J-1015	14.01	P-1001
J-1017	Zone-1 (Southern)	True	1,846	20	22	J-1015	13.33	P-1001
J-1018	Zone-1 (Southern)	True	1,682	21	20	J-1015	12.07	P-2053
J-1019	Zone-1 (Southern)	True	1,423	20	29	J-1015	16.16	P-1021
J-1020	Zone-1 (Southern)	True	1,730	24	20	J-1015	14.19	P-2053
J-1021	Zone-1 (Southern)	True	1,185	20	43	J-1015	13.46	P-1023
J-1022	Zone-1 (Southern)	True	1,232	20	41	J-1015	13.99	P-1024
J-2001	Zone-1 (Southern)	True	1,804	20	44	J-1015	21.19	P-3009
J-2002	Zone-2 (Central)	True	1,268	20	20	J-2043	15.10	P-2001
J-2003	Zone-2 (Central)	True	1,172	20	27	J-2043	14.02	P-2001
J-2004	Zone-2 (Central)	True	948	20	34	J-2043	11.47	P-2001
J-2005	Zone-2 (Central)	True	948	24	20	J-2043	11.47	P-2001
J-2006	Zone-2 (Central)	True	887	20	27	J-2043	10.79	P-2001
J-2007	Zone-2 (Central)	True	948	24	20	J-2043	11.47	P-2001
J-2008	Zone-2 (Central)	True	4,200	74	20	J-2043	33.85	P-3007
J-2009	Zone-2 (Central)	True	2,892	20	24	J-2043	73.98	P-2009
J-2010	Zone-2 (Central)	False	452	20	35	J-2043	11.68	P-2009
J-2011	Zone-2 (Central)	True	3,612	72	20	J-2043	27.19	P-3007
J-2012	Zone-2 (Central)	True	2,196	20	27	J-2043	13.77	P-3007
J-2013	Zone-2 (Central)	True	2,441	45	20	J-2043	12.06	P-2196
J-2014	Zone-2 (Central)	True	2,450	20	20	J-2043	11.59	P-2196
J-2015	Zone-2 (Central)	True	1,911	20	31	J-2043	14.36	P-2179
J-2016	Zone-2 (Central)	True	1,400	66	20	J-2043	11.10	P-2196
J-2017	Zone-2 (Central)	True	1,184	20	24	J-2043	13.52	P-2017
J-2018	Zone-2 (Central)	True	1,764	31	20	J-2043	11.32	P-2196
J-2019	Zone-2 (Central)	True	1,772	49	20	J-2043	11.36	P-2196
J-2020	Zone-2 (Central)	True	1,621	50	20	J-2043	11.24	P-2196
J-2021	Zone-2 (Central)	True	919	50	20	J-2025	10.78	P-2196
J-2022	Zone-2 (Central)	True	920	20	20	J-2025	10.78	P-2196
J-2023	Zone-2 (Central)	True	712	49	20	J-2025	10.63	P-2196
J-2024	Zone-2 (Central)	True	596	46	20	J-2025	10.56	P-2196
J-2025	Zone-2 (Central)	False	468	20	33	J-2043	10.50	P-2196
J-2026	Zone-2 (Central)	True	596	41	20	J-2025	10.56	P-2196
J-2027	Zone-2 (Central)	True	1,026	48	20	J-2025	10.90	P-2196
J-2028	Zone-2 (Central)	True	1,111	43	20	J-2025	10.97	P-2196
J-2029	Zone-2 (Central)	True	1,058	31	20	J-2025	10.93	P-2196
J-2030	Zone-2 (Central)	True	1,074	24	20	J-2025	10.95	P-2196
J-2031	Zone-2 (Central)	True	1,187	50	20	J-2043	11.00	P-2196
J-2032	Zone-2 (Central)	True	1,828	26	20	J-2043	11.31	P-2196
J-2033	Zone-2 (Central)	True	1,376	39	20	J-2043	11.05	P-2196
J-2034	Zone-2 (Central)	True	1,616	31	20	J-2043	11.23	P-2038
J-2035	Zone-2 (Central)	True	1,711	35	20	J-2043	11.10	P-2196
J-2036	Zone-2 (Central)	True	2,018	30	20	J-2043	11.37	P-2196
J-2037	Zone-2 (Central)	True	1,863	27	20	J-2043	11.32	P-2196
J-2038	Zone-2 (Central)	True	771	37	20	J-2042	10.65	P-2196
J-2039	Zone-2 (Central)	True	681	42	20	J-2043	10.65	P-2196
J-2040	Zone-2 (Central)	True	572	33	20	J-2043	10.58	P-2196
J-2041	Zone-2 (Central)	True	565	20	20	J-2043	10.57	P-2196
J-2042	Zone-2 (Central)	True	608	20	33	J-2043	10.55	P-2196
J-2043	Zone-2 (Central)	True	504	20	32	J-2041	10.53	P-2196
J-2044	Zone-2 (Central)	True	3,511	20	26	J-2043	19.77	P-3007
J-2045	Zone-2 (Central)	True	1,400	20	33	J-2043	15.91	P-2050
J-2046	Zone-2 (Central)	True	2,750	32	20	J-2043	17.32	P-2055
J-2047	Zone-2 (Central)	True	1,677	20	23	J-2043	19.17	P-2053

J-2048	Zone-2 (Central)	True	1,320	20	33	J-2043	15.12	P-2053
J-2049	Zone-2 (Central)	True	2,702	35	20	J-2043	15.90	P-2196
J-2050	Zone-2 (Central)	True	2,016	42	20	J-2043	14.58	P-2196
J-2051	Zone-2 (Central)	True	1,913	42	20	J-2043	22.00	P-2057
J-2052	Zone-2 (Central)	True	1,189	31	20	J-2043	13.78	P-2057
J-2053	Zone-2 (Central)	True	933	28	20	J-2043	11.98	P-2196
J-2054	Zone-2 (Central)	True	864	20	27	J-2043	11.83	P-2196
J-2055	Zone-2 (Central)	True	801	20	27	J-2043	11.70	P-2196
J-2056	Zone-2 (Central)	True	783	20	34	J-2043	11.67	P-2196
J-2057	Zone-2 (Central)	True	2,920	24	20	J-2043	16.77	P-2196
J-2058	Zone-2 (Central)	True	3,377	20	21	J-2043	17.66	P-2196
J-2059	Zone-2 (Central)	True	3,329	20	25	J-2043	18.19	P-2065
J-2060	Zone-2 (Central)	True	2,601	20	24	J-2043	19.57	P-2066
J-2061	Zone-2 (Central)	True	2,452	20	30	J-2043	17.08	P-2066
J-2062	Zone-2 (Central)	True	3,307	20	24	J-2043	25.21	P-2069
J-2063	Zone-2 (Central)	True	2,669	31	20	J-2043	16.34	P-2196
J-2064	Zone-2 (Central)	True	3,341	27	20	J-2043	19.46	P-2114
J-2065	Zone-2 (Central)	True	3,090	20	26	J-2043	14.63	P-2196
J-2066	Zone-2 (Central)	True	2,725	20	25	J-2043	17.17	P-2074
J-2067	Zone-2 (Central)	True	2,726	20	21	J-2043	18.07	P-2076
J-2068	Zone-2 (Central)	True	2,851	20	28	J-2043	20.34	P-2077
J-2069	Zone-2 (Central)	True	2,527	20	21	J-2043	14.68	P-2079
J-2070	Zone-2 (Central)	True	2,380	26	20	J-2043	13.93	P-2196
J-2071	Zone-2 (Central)	True	1,356	20	24	J-2043	12.27	P-2196
J-2072	Zone-2 (Central)	True	1,172	20	27	J-2043	13.02	P-2083
J-2073	Zone-2 (Central)	True	1,197	20	22	J-2043	14.23	P-2083
J-2074	Zone-2 (Central)	True	2,718	21	20	J-2043	15.07	P-2196
J-2075	Zone-2 (Central)	True	2,331	20	31	J-2043	15.33	P-2086
J-2076	Zone-2 (Central)	True	2,511	29	20	J-2043	14.42	P-2196
J-2077	Zone-2 (Central)	True	2,659	20	27	J-2043	15.59	P-2181
J-2078	Zone-2 (Central)	True	2,877	20	21	J-2043	16.34	P-2196
J-2079	Zone-2 (Central)	True	2,530	20	27	J-2043	15.85	P-2196
J-2080	Zone-2 (Central)	True	2,984	22	20	J-2043	16.92	P-2196
J-2081	Zone-2 (Central)	True	2,811	34	20	J-2043	16.38	P-2196
J-2082	Zone-2 (Central)	True	2,360	20	25	J-2043	15.31	P-2093
J-2083	Zone-2 (Central)	True	2,296	20	25	J-2043	14.98	P-2196
J-2084	Zone-2 (Central)	True	2,163	20	25	J-2043	15.01	P-2098
J-2085	Zone-2 (Central)	True	2,118	20	26	J-2043	14.04	P-2196
J-2086	Zone-2 (Central)	True	2,335	33	20	J-2043	14.85	P-2196
J-2087	Zone-2 (Central)	True	1,647	23	20	J-2043	13.11	P-2196
J-2088	Zone-2 (Central)	True	1,635	23	20	J-2043	13.09	P-2196
J-2089	Zone-2 (Central)	True	1,304	20	27	J-2043	12.50	P-2196
J-2090	Zone-2 (Central)	True	1,333	20	23	J-2043	12.57	P-2196
J-2091	Zone-2 (Central)	True	1,941	27	20	J-2043	13.88	P-2196
J-2092	Zone-2 (Central)	True	1,876	24	20	J-2043	13.77	P-2196
J-2093	Zone-2 (Central)	True	1,897	23	20	J-2043	13.82	P-2196
J-2094	Zone-2 (Central)	True	3,972	20	30	J-2043	30.62	P-2114
J-2095	Zone-2 (Central)	True	5,000	27	22	J-2043	35.36	P-2195
J-2096	Zone-2 (Central)	True	3,012	20	32	J-2043	19.74	P-2196
J-2097	Zone-2 (Central)	True	3,430	20	20	J-2043	18.95	P-2196
J-2098	Zone-2 (Central)	True	3,596	57	20	J-2043	25.65	P-2119
J-2099	Zone-2 (Central)	True	3,853	56	20	J-2043	22.37	P-2121
J-2100	Zone-2 (Central)	True	4,961	67	20	J-2043	26.88	P-2121
J-2101	Zone-2 (Central)	True	3,295	37	20	J-2043	18.38	P-2121
J-2102	Zone-2 (Central)	True	2,741	35	20	J-2043	16.40	P-2196
J-2103	Zone-2 (Central)	True	2,408	30	20	J-2043	15.33	P-2196
J-2104	Zone-2 (Central)	True	2,312	29	20	J-2043	14.94	P-2196
J-2105	Zone-2 (Central)	True	2,064	20	21	J-2043	14.42	P-2196
J-2106	Zone-2 (Central)	True	2,041	20	22	J-2043	14.27	P-2196
J-2107	Zone-2 (Central)	True	1,559	24	20	J-2043	17.90	P-2109
J-2108	Zone-2 (Central)	True	1,141	20	33	J-2043	13.16	P-2109
J-2109	Zone-2 (Central)	True	1,043	20	33	J-2043	11.98	P-2112
J-2110	Zone-2 (Central)	True	1,224	20	23	J-2043	14.03	P-2112
J-2111	Zone-2 (Central)	True	2,055	53	20	J-2043	17.57	P-2133
J-2112	Zone-2 (Central)	True	1,797	27	20	J-2043	16.68	P-2121
J-2113	Zone-2 (Central)	True	1,873	49	20	J-2043	16.70	P-2121
J-2114	Zone-2 (Central)	True	2,273	34	20	J-2043	16.77	P-2121
J-2115	Zone-2 (Central)	True	2,455	38	20	J-2043	18.27	P-2141
J-2116	Zone-2 (Central)	True	2,518	38	20	J-2043	16.94	P-2121
J-2117	Zone-2 (Central)	True	2,072	38	20	J-2043	15.43	P-2196
J-2118	Zone-2 (Central)	True	2,409	23	20	J-2043	16.12	P-2196
J-2119	Zone-2 (Central)	True	2,549	33	20	J-2043	16.16	P-2196
J-2120	Zone-2 (Central)	True	2,256	29	20	J-2043	15.13	P-2196
J-2121	Zone-2 (Central)	True	1,843	20	23	J-2043	14.02	P-2196
J-2122	Zone-2 (Central)	True	1,739	24	20	J-2043	13.72	P-2196
J-2123	Zone-2 (Central)	True	1,655	46	20	J-2043	16.09	P-2121
J-2124	Zone-2 (Central)	True	1,646	27	20	J-2043	16.13	P-2121
J-2125	Zone-2 (Central)	True	1,336	39	20	J-2043	14.88	P-2121
J-2126	Zone-2 (Central)	True	1,532	23	20	J-2043	15.66	P-2121
J-2127	Zone-2 (Central)	True	1,148	27	20	J-2043	14.20	P-2121
J-2128	Zone-2 (Central)	True	903	20	34	J-2043	13.45	P-2121
J-2129	Zone-2 (Central)	True	1,064	37	20	J-2043	13.94	P-2121
J-2130	Zone-2 (Central)	True	1,004	22	20	J-2043	13.77	P-2121
J-2131	Zone-2 (Central)	True	854	20	32	J-2043	13.32	P-2196
J-2132	Zone-2 (Central)	True	1,449	20	29	J-2043	14.12	P-2196

	Zone-2 (Central)	True	1,519	20	21	J-2043	14.29	P-2196
J-2134	Zone-2 (Central)	True	1,810	33	20	J-2043	15.22	P-2162
J-2135	Zone-2 (Central)	True	901	20	34	J-2043	12.56	P-2196
J-2136	Zone-2 (Central)	True	1,857	22	20	J-2043	14.31	P-2196
J-2137	Zone-2 (Central)	True	1,467	20	34	J-2043	13.31	P-2196
J-2138	Zone-2 (Central)	True	1,917	20	22	J-2043	14.37	P-2196
J-2139	Zone-2 (Central)	True	1,994	20	23	J-2043	14.53	P-2196
J-2140	Zone-2 (Central)	True	1,498	20	34	J-2043	13.41	P-2196
J-2141	Zone-2 (Central)	True	1,806	22	20	J-2043	14.11	P-2196
J-2142	Zone-2 (Central)	True	1,284	26	20	J-2043	12.82	P-2196
J-2143	Zone-2 (Central)	True	1,490	20	20	J-2043	13.25	P-2196
J-2144	Zone-2 (Central)	True	863	20	34	J-2043	12.02	P-2196
J-2145	Zone-2 (Central)	True	4,431	20	21	J-2043	43.24	P-2179
J-2146	Zone-2 (Central)	True	5,000	31	30	J-2043	24.28	P-2180
J-2147	Zone-2 (Central)	True	997	20	34	J-2043	13.07	P-2196
J-2148	Zone-2 (Central)	True	1,188	29	20	J-2043	13.62	P-2183
J-2149	Zone-2 (Central)	True	1,311	20	33	J-2043	15.08	P-2109
J-2150	Zone-2 (Central)	True	573	26	20	J-2043	10.58	P-2196
J-2151	Zone-2 (Central)	True	2,137	20	30	J-2043	18.53	P-3022
J-2152	Zone-2 (Central)	True	3,439	20	28	J-2043	39.74	P-3009
J-2153	Zone-2 (Central)	True	2,007	25	20	J-2043	11.77	P-2187
J-2154	Zone-2 (Central)	True	611	22	20	J-2155	15.60	P-2190
J-2155	Zone-2 (Central)	False	449	20	34	J-2154	11.46	P-2191
J-2156	Zone-2 (Central)	False	455	20	34	J-2043	11.63	P-2193
J-2157	Zone-2 (Central)	True	4,925	58	20	J-2043	37.74	P-2196
J-3001	Zone Exempt	False	0	141	5	J-3500	13.16	P-2109
J-3002	Zone Exempt	False	0	141	5	J-3500	14.51	P-3086
J-3003	Zone Exempt	False	0	143	5	J-3500	8.84	P-2196
J-3004	Zone Exempt	False	0	136	5	J-3500	8.84	P-2196
J-3005	Zone Exempt	False	0	136	5	J-3500	8.84	P-2196
J-3006	Zone Exempt	False	0	135	5	J-3500	11.47	P-2001
J-3007	Zone-3 (Chocolate)	True	5,000	88	34	J-3065	14.31	P-3226
J-3008	Zone-3 (Chocolate)	True	5,000	49	36	J-3065	10.08	P-3011
J-3010	Zone-3 (Chocolate)	True	4,487	20	37	J-3065	24.20	P-3013
J-3011	Zone-3 (Chocolate)	True	3,379	20	37	J-3065	15.65	P-3013
J-3012	Zone-3 (Chocolate)	True	2,925	20	29	J-3065	10.41	P-3013
J-3013	Zone-3 (Chocolate)	True	2,991	20	20	J-3065	9.81	P-3013
J-3014	Zone-3 (Chocolate)	True	2,671	20	20	J-3065	9.65	P-3260
J-3015	Zone-3 (Chocolate)	True	2,675	20	20	J-3065	9.70	P-3260
J-3016	Zone-3 (Chocolate)	True	2,803	20	22	J-3065	11.41	P-3260
J-3017	Zone-3 (Chocolate)	True	2,774	20	26	J-3065	11.70	P-3260
J-3018	Zone-3 (Chocolate)	True	3,123	25	20	J-3065	13.94	P-3260
J-3019	Zone-3 (Chocolate)	True	5,000	42	32	J-3065	29.98	P-3269
J-3020	Zone-3 (Chocolate)	True	4,129	20	34	J-3065	26.39	P-3024
J-3021	Zone-3 (Chocolate)	True	3,212	20	22	J-3065	16.53	P-3269
J-3022	Zone-3 (Chocolate)	True	2,139	27	20	J-3065	16.36	P-3026
J-3023	Zone-3 (Chocolate)	True	1,704	31	20	J-3065	11.38	P-3026
J-3024	Zone-3 (Chocolate)	True	1,559	25	20	J-3065	12.16	P-3028
J-3025	Zone-3 (Chocolate)	True	1,559	25	20	J-3065	17.73	P-3029
J-3026	Zone Exempt	False	0	37	5	J-3500	8.84	P-2196
J-3027	Zone-3 (Chocolate)	True	1,629	31	20	J-3065	11.07	P-3033
J-3028	Zone-3 (Chocolate)	True	1,609	36	20	J-3065	12.17	P-3033
J-3029	Zone-3 (Chocolate)	True	1,388	30	20	J-3065	8.84	P-2196
J-3030	Zone-3 (Chocolate)	True	1,286	38	20	J-3065	8.84	P-2196
J-3031	Zone-3 (Chocolate)	True	1,572	44	20	J-3065	9.70	P-3051
J-3032	Zone-3 (Chocolate)	True	1,483	41	20	J-3165	11.70	P-3051
J-3033	Zone-3 (Chocolate)	True	762	29	20	J-3165	8.87	P-3038
J-3034	Zone-3 (Chocolate)	True	615	20	20	J-3165	8.84	P-2196
J-3035	Zone Exempt	False	0	141	5	J-3500	17.90	P-2109
J-3036	Zone Exempt	False	0	143	5	J-3500	8.84	P-2196
J-3037	Zone Exempt	False	0	135	5	J-3500	11.70	P-3051
J-3038	Zone Exempt	False	0	122	5	J-3500	8.87	P-3038
J-3039	Zone Exempt	False	0	87	5	J-3500	8.84	P-2196
J-3040	Zone Exempt	False	0	92	5	J-3500	8.84	P-2196
J-3041	Zone-3 (Chocolate)	True	5,000	75	28	J-3065	9.57	P-3046
J-3042	Zone-3 (Chocolate)	True	5,000	49	22	J-3065	9.35	P-3050
J-3043	Zone-3 (Chocolate)	True	4,301	47	20	J-3065	35.76	P-3050
J-3044	Zone-3 (Chocolate)	True	2,513	20	32	J-3065	17.90	P-3055
J-3045	Zone-3 (Chocolate)	True	5,000	54	20	J-3065	8.84	P-2196
J-3046	Zone-3 (Chocolate)	True	4,687	38	20	J-3065	8.84	P-2196
J-3047	Zone-3 (Chocolate)	True	2,456	20	31	J-3065	15.71	P-3056
J-3048	Zone-3 (Chocolate)	True	4,559	33	20	J-3065	8.84	P-2196
J-3049	Zone-3 (Chocolate)	True	4,446	27	20	J-3065	8.84	P-2196
J-3050	Zone-3 (Chocolate)	True	4,253	20	22	J-3065	8.84	P-2196
J-3051	Zone Exempt	False	0	29	5	J-3500	8.84	P-2196
J-3052	Zone Exempt	False	0	22	5	J-3500	8.84	P-2196
J-3053	Zone Exempt	False	0	22	5	J-3500	26.65	P-3085
J-3054	Zone Exempt	False	0	24	5	J-3500	16.86	P-3086
J-3055	Zone Exempt	False	0	11	5	J-3500	8.84	P-2196
J-3056	Zone Exempt	False	0	14	5	J-3500	15.17	P-3086
J-3057	Zone-3 (Chocolate)	True	2,380	20	29	J-3065	17.50	P-3067
J-3058	Zone-3 (Chocolate)	True	3,082	28	20	J-3065	15.57	P-3068
J-3059	Zone-3 (Chocolate)	True	2,280	24	20	J-3065	9.02	P-3070
J-3060	Zone-3 (Chocolate)	True	1,765	27	20	J-3065	8.98	P-3070
J-3061	Zone-3 (Chocolate)	True	1,553	28	20	J-3065	8.84	P-2196

	Zone-3 (Chocolate)	True	1,480	20	20	J-3065	8.84	P-2196
J-3063	Zone-3 (Chocolate)	True	1,739	20	28	J-3065	13.64	P-3074
J-3064	Zone-3 (Chocolate)	True	1,101	26	20	J-3065	8.84	P-2196
J-3065	Zone-3 (Chocolate)	True	874	20	32	J-3062	9.95	P-3076
J-3066	Zone-3 (Chocolate)	True	1,377	29	20	J-3065	8.84	P-2196
J-3067	Zone-3 (Chocolate)	True	1,632	30	20	J-3065	11.54	P-3080
J-3068	Zone-3 (Chocolate)	True	1,762	32	20	J-3065	8.84	P-2196
J-3069	Zone-3 (Chocolate)	True	2,291	28	20	J-3065	16.39	P-3083
J-3070	Zone-3 (Chocolate)	True	2,718	39	20	J-3065	15.23	P-3084
J-3071	Zone-3 (Chocolate)	True	3,449	31	20	J-3065	14.22	P-3084
J-3072	Zone-3 (Chocolate)	True	3,502	28	20	J-3065	26.65	P-3085
J-3073	Zone-3 (Chocolate)	True	1,842	20	20	J-3065	21.29	P-3086
J-3074	Zone-3 (Chocolate)	True	1,822	20	21	J-3065	21.06	P-3086
J-3075	Zone-3 (Chocolate)	True	1,452	20	26	J-3065	16.86	P-3086
J-3076	Zone-3 (Chocolate)	True	1,304	20	23	J-3065	15.17	P-3086
J-3077	Zone-3 (Chocolate)	True	1,245	20	26	J-3065	14.51	P-3086
J-3078	Zone Exempt	False	0	39	5	J-3500	8.84	P-2196
J-3079	Zone-3 (Chocolate)	True	5,000	23	24	J-3065	8.85	P-3169
J-3080	Zone-3 (Chocolate)	True	5,000	25	24	J-3065	8.86	P-3169
J-3081	Zone-3 (Chocolate)	True	5,000	26	24	J-3065	10.59	P-3094
J-3082	Zone-3 (Chocolate)	True	5,000	28	23	J-3065	9.95	P-3094
J-3083	Zone-3 (Chocolate)	True	5,000	31	23	J-3065	9.45	P-3094
J-3084	Zone-3 (Chocolate)	True	5,000	33	22	J-3065	8.95	P-3094
J-3085	Zone-3 (Chocolate)	True	5,000	37	22	J-3065	8.84	P-2196
J-3086	Zone-3 (Chocolate)	True	5,000	41	21	J-3065	9.03	P-3084
J-3087	Zone-3 (Chocolate)	True	5,000	46	21	J-3065	9.48	P-3084
J-3088	Zone-3 (Chocolate)	True	5,000	46	21	J-3065	9.51	P-3084
J-3089	Zone-3 (Chocolate)	True	5,000	49	21	J-3065	9.80	P-3084
J-3090	Zone-3 (Chocolate)	True	5,000	49	21	J-3065	10.71	P-3104
J-3091	Zone-3 (Chocolate)	True	5,000	52	26	J-3065	40.17	P-3108
J-3092	Zone-3 (Chocolate)	True	5,000	56	27	J-3065	13.30	P-3108
J-3093	Zone-3 (Chocolate)	True	5,000	56	27	J-3065	11.93	P-3108
J-3094	Zone-3 (Chocolate)	True	5,000	56	27	J-3065	8.84	P-2196
J-3095	Zone-3 (Chocolate)	True	5,000	46	27	J-3065	11.08	P-3111
J-3096	Zone-3 (Chocolate)	True	5,000	41	27	J-3065	11.12	P-3114
J-3097	Zone-3 (Chocolate)	True	5,000	40	27	J-3065	12.85	P-3114
J-3098	Zone-3 (Chocolate)	True	5,000	42	27	J-3065	9.45	P-3128
J-3099	Zone-3 (Chocolate)	True	5,000	31	26	J-3065	11.42	P-3115
J-3100	Zone-3 (Chocolate)	True	5,000	26	26	J-3065	10.70	P-3119
J-3101	Zone-3 (Chocolate)	True	5,000	23	25	J-3065	12.14	P-3119
J-3102	Zone-3 (Chocolate)	True	5,000	23	25	J-3065	13.80	P-3119
J-3103	Zone-3 (Chocolate)	True	5,000	56	27	J-3065	11.88	P-3120
J-3104	Zone-3 (Chocolate)	True	5,000	55	28	J-3065	10.48	P-3122
J-3105	Zone-3 (Chocolate)	True	5,000	54	28	J-3065	8.84	P-2196
J-3106	Zone-3 (Chocolate)	True	5,000	51	28	J-3065	11.89	P-3123
J-3107	Zone-3 (Chocolate)	True	5,000	48	28	J-3065	10.29	P-3123
J-3108	Zone-3 (Chocolate)	True	5,000	47	28	J-3065	12.14	P-3127
J-3109	Zone-3 (Chocolate)	True	5,000	52	28	J-3065	15.43	P-3127
J-3110	Zone-3 (Chocolate)	True	5,000	54	28	J-3065	9.40	P-3169
J-3111	Zone-3 (Chocolate)	True	5,000	51	28	J-3065	13.46	P-3128
J-3112	Zone-3 (Chocolate)	True	5,000	47	27	J-3065	10.80	P-3128
J-3113	Zone-3 (Chocolate)	True	5,000	46	26	J-3065	47.96	P-3131
J-3114	Zone-3 (Chocolate)	True	2,132	20	26	J-3065	24.34	P-3132
J-3115	Zone-3 (Chocolate)	True	1,341	20	36	J-3065	15.37	P-3132
J-3116	Zone Exempt	False	0	128	5	J-3500	25.65	P-2119
J-3117	Zone Exempt	False	0	126	5	J-3500	19.74	P-2196
J-3118	Zone Exempt	False	0	126	5	J-3500	10.80	P-3128
J-3119	Zone Exempt	False	0	126	5	J-3500	47.96	P-3131
J-3120	Zone Exempt	False	0	118	5	J-3500	8.84	P-2196
J-3121	Zone-3 (Chocolate)	True	5,000	56	30	J-3065	9.96	P-3230
J-3122	Zone-3 (Chocolate)	True	4,950	69	20	J-3065	9.26	P-3230
J-3123	Zone-3 (Chocolate)	True	4,980	53	20	J-3065	9.77	P-3231
J-3124	Zone-3 (Chocolate)	True	5,000	53	21	J-3065	9.56	P-3231
J-3125	Zone-3 (Chocolate)	True	5,000	51	22	J-3065	9.35	P-3231
J-3126	Zone-3 (Chocolate)	True	5,000	49	23	J-3065	9.13	P-3231
J-3127	Zone-3 (Chocolate)	True	5,000	47	23	J-3065	8.94	P-3231
J-3128	Zone-3 (Chocolate)	True	5,000	45	24	J-3065	8.84	P-2196
J-3129	Zone-3 (Chocolate)	True	5,000	43	25	J-3065	8.84	P-2196
J-3130	Zone-3 (Chocolate)	True	5,000	48	26	J-3065	8.84	P-2196
J-3131	Zone-3 (Chocolate)	True	5,000	47	27	J-3065	8.84	P-2196
J-3132	Zone-3 (Chocolate)	True	5,000	50	27	J-3065	8.84	P-2196
J-3133	Zone-3 (Chocolate)	True	5,000	46	28	J-3065	8.84	P-2196
J-3134	Zone-3 (Chocolate)	True	5,000	45	28	J-3065	8.84	P-2196
J-3135	Zone-3 (Chocolate)	True	5,000	46	29	J-3065	8.84	P-2196
J-3136	Zone-3 (Chocolate)	True	5,000	48	29	J-3065	8.84	P-2196
J-3137	Zone-3 (Chocolate)	True	5,000	49	30	J-3065	8.84	P-2196
J-3138	Zone-3 (Chocolate)	True	5,000	52	31	J-3065	8.84	P-2196
J-3139	Zone-3 (Chocolate)	True	5,000	50	30	J-3065	8.84	P-2196
J-3140	Zone-3 (Chocolate)	True	5,000	48	30	J-3065	8.84	P-2196
J-3141	Zone-3 (Chocolate)	True	5,000	45	30	J-3065	9.33	P-3161
J-3142	Zone-3 (Chocolate)	True	5,000	55	29	J-3065	9.83	P-3168
J-3143	Zone-3 (Chocolate)	True	5,000	53	29	J-3065	24.32	P-3162
J-3144	Zone-3 (Chocolate)	True	2,490	20	35	J-3065	28.27	P-3194
J-3145	Zone-3 (Chocolate)	True	5,000	36	28	J-3065	19.79	P-3162
J-3146	Zone-3 (Chocolate)	True	5,000	31	28	J-3065	15.81	P-3162

	Zone-3 (Chocolate)	True	5,000	24	28	J-3065	40.87	P-3167
J-3148	Zone-3 (Chocolate)	True	5,000	55	29	J-3065	11.28	P-3168
J-3149	Zone-3 (Chocolate)	True	5,000	34	31	J-3065	20.70	P-3172
J-3150	Zone-3 (Chocolate)	True	4,735	21	20	J-3065	19.61	P-3172
J-3151	Zone-3 (Chocolate)	True	4,237	20	22	J-3065	17.58	P-3172
J-3152	Zone-3 (Chocolate)	True	3,782	20	20	J-3065	24.29	P-3175
J-3153	Zone-3 (Chocolate)	True	3,132	20	34	J-3065	20.14	P-3175
J-3154	Zone-3 (Chocolate)	True	5,000	54	30	J-3065	10.33	P-3230
J-3155	Zone-3 (Chocolate)	True	3,317	40	20	J-3065	13.71	P-3178
J-3156	Zone-3 (Chocolate)	True	2,414	20	20	J-3065	27.41	P-3179
J-3157	Zone-3 (Chocolate)	True	1,866	20	36	J-3065	21.18	P-3179
J-3158	Zone Exempt	False	0	42	5	J-3500	8.84	P-2196
J-3159	Zone-3 (Chocolate)	True	5,000	32	28	J-3065	10.10	P-3186
J-3160	Zone-3 (Chocolate)	True	2,771	20	34	J-3065	17.77	P-3184
J-3161	Zone-3 (Chocolate)	True	5,000	44	29	J-3065	11.58	P-3186
J-3162	Zone-3 (Chocolate)	True	5,000	48	29	J-3065	10.08	P-3169
J-3163	Zone-3 (Chocolate)	True	5,000	47	31	J-3065	10.86	P-3169
J-3164	Zone-3 (Chocolate)	True	2,630	31	20	J-3065	10.85	P-3084
J-3165	Zone-3 (Chocolate)	True	578	20	22	J-3034	8.84	P-2196
J-3167	Zone-3 (Chocolate)	True	2,430	20	26	J-3065	15.60	P-3196
J-3168	Zone-3 (Chocolate)	True	5,000	42	35	J-3065	8.84	P-2196
J-3169	Zone-3 (Chocolate)	True	2,786	32	20	J-3065	17.87	P-3196
J-3170	Zone-3 (Chocolate)	True	1,605	20	38	J-3065	10.33	P-3196
J-3171	Zone Exempt	False	0	12	5	J-3500	15.60	P-3196
J-3172	Zone Exempt	False	0	141	5	J-3500	10.86	P-3169
J-3173	Zone Exempt	False	0	40	5	J-3500	8.84	P-2196
J-3174	Zone Exempt	False	0	141	5	J-3500	8.84	P-2196
J-3175	Zone Exempt	False	0	141	5	J-3500	8.84	P-2196
J-3176	Zone Exempt	False	0	40	5	J-3500	10.85	P-3084
J-3177	Zone-3 (Chocolate)	True	5,000	65	35	J-3065	10.99	P-3220
J-3178	Zone-3 (Chocolate)	True	5,000	43	35	J-3065	20.42	P-3222
J-3180	Zone-3 (Chocolate)	True	5,000	55	34	J-3065	8.84	P-2196
J-3181	Zone Exempt	False	0	98	5	J-3500	10.99	P-3220
J-3182	Zone Exempt	False	0	69	5	J-3500	15.27	P-4087
J-3183	Zone-3 (Chocolate)	True	4,792	65	20	J-3065	8.96	P-3230
J-3184	Zone-3 (Chocolate)	True	3,217	42	20	J-3065	10.33	P-3232
J-3185	Zone-3 (Chocolate)	True	2,708	30	20	J-3065	10.02	P-3233
J-3186	Zone-3 (Chocolate)	True	2,340	20	36	J-3065	10.03	P-3234
J-3191	Zone-3 (Chocolate)	True	2,694	24	20	J-3065	11.97	P-3240
J-3192	Zone-3 (Chocolate)	True	2,842	35	20	J-3065	10.56	P-3249
J-3193	Zone-3 (Chocolate)	True	3,035	43	20	J-3065	9.87	P-3178
J-3194	Zone-3 (Chocolate)	True	3,010	43	20	J-3065	12.90	P-3249
J-3195	Zone-3 (Chocolate)	True	2,499	20	27	J-3065	15.97	P-3243
J-3198	Zone Exempt	False	0	34	5	J-3500	11.46	P-2191
J-3199	Zone Exempt	False	0	34	5	J-3500	8.84	P-2196
J-3200	Zone-3 (Chocolate)	True	554	20	23	J-3165	8.84	P-2196
J-3201	Zone-3 (Chocolate)	True	890	20	36	J-3065	10.10	P-3275
J-3500	Zone Exempt	False	0	5	7	J-3570	8.84	P-2196
J-3501	Zone Exempt	False	0	15	5	J-3500	8.84	P-2196
J-3502	Zone Exempt	False	0	37	5	J-3500	8.84	P-2196
J-3503	Zone-3 (Chocolate)	True	2,706	26	20	J-3065	8.84	P-2196
J-3504	Zone-3 (Chocolate)	True	2,552	37	20	J-3065	8.84	P-2196
J-3505	Zone-3 (Chocolate)	True	2,597	33	20	J-3065	10.32	P-3554
J-3506	Zone-3 (Chocolate)	True	2,597	34	20	J-3065	10.32	P-3554
J-3507	Zone-3 (Chocolate)	True	2,597	29	20	J-3065	10.32	P-3554
J-3508	Zone-3 (Chocolate)	True	2,451	35	20	J-3065	8.84	P-2196
J-3509	Zone-3 (Chocolate)	True	2,257	29	20	J-3065	8.84	P-2196
J-3510	Zone-3 (Chocolate)	True	2,166	22	20	J-3065	8.84	P-2196
J-3511	Zone-3 (Chocolate)	True	2,049	20	27	J-3065	8.84	P-2196
J-3512	Zone-3 (Chocolate)	True	2,216	24	20	J-3065	8.84	P-2196
J-3513	Zone-3 (Chocolate)	True	2,360	29	20	J-3065	8.84	P-2196
J-3514	Zone-3 (Chocolate)	True	2,429	31	20	J-3065	8.84	P-2196
J-3515	Zone-3 (Chocolate)	True	2,483	39	20	J-3065	8.84	P-2196
J-3516	Zone-3 (Chocolate)	True	2,476	40	20	J-3065	9.39	P-3567
J-3517	Zone-3 (Chocolate)	True	2,500	41	20	J-3065	8.84	P-2196
J-3518	Zone-3 (Chocolate)	True	2,506	43	20	J-3065	8.84	P-2196
J-3519	Zone-3 (Chocolate)	True	2,520	48	20	J-3065	8.84	P-2196
J-3520	Zone-3 (Chocolate)	True	2,520	53	20	J-3065	8.84	P-2196
J-3521	Zone-3 (Chocolate)	True	2,520	55	20	J-3065	8.84	P-2196
J-3522	Zone-3 (Chocolate)	True	2,520	59	20	J-3065	8.84	P-2196
J-3523	Zone-3 (Chocolate)	True	2,520	52	20	J-3065	10.09	P-3576
J-3524	Zone-3 (Chocolate)	True	2,520	49	20	J-3065	8.84	P-2196
J-3525	Zone-3 (Chocolate)	True	2,520	50	20	J-3065	8.84	P-2196
J-3526	Zone-3 (Chocolate)	True	2,520	49	20	J-3065	8.84	P-2196
J-3527	Zone-3 (Chocolate)	True	2,520	53	20	J-3065	8.84	P-2196
J-3528	Zone-3 (Chocolate)	True	2,520	55	20	J-3065	8.84	P-2196
J-3529	Zone-3 (Chocolate)	True	2,520	51	20	J-3065	8.84	P-2196
J-3530	Zone-3 (Chocolate)	True	2,519	47	20	J-3065	8.84	P-2196
J-3531	Zone-3 (Chocolate)	True	2,516	44	20	J-3065	8.84	P-2196
J-3532	Zone-3 (Chocolate)	True	2,520	42	20	J-3065	10.18	P-3618
J-3533	Zone-3 (Chocolate)	True	2,520	41	20	J-3065	10.80	P-3618
J-3534	Zone-3 (Chocolate)	True	2,520	41	20	J-3065	11.45	P-3618
J-3535	Zone-3 (Chocolate)	True	2,520	31	20	J-3065	11.28	P-3618
J-3536	Zone-3 (Chocolate)	True	2,520	31	20	J-3065	11.21	P-3618
J-3537	Zone-3 (Chocolate)	True	2,520	36	20	J-3065	11.14	P-3618

Phase 1

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	Zone-3 (Chocolate)	True	2,520	39	20	J-3065	10.76	P-3618
J-3539	Zone-3 (Chocolate)	True	2,520	39	20	J-3065	10.36	P-3618
J-3540	Zone-3 (Chocolate)	True	2,520	36	20	J-3065	10.72	P-3618
J-3541	Zone-3 (Chocolate)	True	2,520	36	20	J-3065	11.25	P-3618
J-3542	Zone-3 (Chocolate)	True	2,270	40	20	J-3065	10.54	P-3601
J-3543	Zone-3 (Chocolate)	True	2,045	25	20	J-3065	8.84	P-2196
J-3544	Zone-3 (Chocolate)	True	1,943	20	23	J-3065	8.84	P-2196
J-3545	Zone-3 (Chocolate)	True	2,019	22	20	J-3065	8.84	P-2196
J-3546	Zone-3 (Chocolate)	True	2,082	26	20	J-3065	13.30	P-3640
J-3547	Zone-3 (Chocolate)	True	1,748	20	26	J-3065	11.18	P-3606
J-3549	Zone-3 (Chocolate)	True	2,354	20	22	J-3065	15.06	P-3610
J-3550	Zone-3 (Chocolate)	True	2,520	50	20	J-3065	10.42	P-3619
J-3551	Zone-3 (Chocolate)	True	2,427	44	20	J-3065	10.04	P-3619
J-3552	Zone-3 (Chocolate)	True	2,439	37	20	J-3065	10.09	P-3619
J-3553	Zone-3 (Chocolate)	True	2,440	42	20	J-3065	10.09	P-3619
J-3554	Zone-3 (Chocolate)	True	2,005	23	20	J-3065	8.84	P-2196
J-3555	Zone-3 (Chocolate)	True	1,764	20	30	J-3065	11.28	P-3616
J-3556	Zone-3 (Chocolate)	True	2,520	56	20	J-3065	8.84	P-2196
J-3557	Zone-3 (Chocolate)	True	2,157	26	20	J-3065	8.93	P-3619
J-3559	Zone-3 (Chocolate)	True	2,520	68	20	J-3065	8.84	P-2196
J-3560	Zone-1 (Southern)	True	4,775	20	44	J-1015	14.32	P-3643
J-3561	Zone-3 (Chocolate)	True	2,400	20	22	J-3065	15.34	P-3626
J-3564	Zone-3 (Chocolate)	True	2,466	35	20	J-3065	9.15	P-3632
J-3565	Zone-3 (Chocolate)	True	2,086	24	20	J-3065	8.84	P-2196
J-3566	Zone Exempt	False	0	7	5	J-3500	15.34	P-3626
J-3569	Zone-3 (Chocolate)	True	4,039	20	20	J-3065	11.80	P-4548
J-3570	Zone Exempt	False	0	7	5	J-3500	9.15	P-3632
J-3579	Zone-2 (Central)	True	2,288	20	40	J-2043	8.84	P-2196
J-3580	Zone-3 (Chocolate)	True	3,901	20	23	J-3065	11.41	P-4548
J-4001S	Zone-4 (Sidehill/Chimney)	True	2,002	29	20	J-4051C	17.78	P-4012
J-4002S	Zone-4 (Sidehill/Chimney)	True	1,942	24	20	J-4051C	15.96	P-4012
J-4003S	Zone-4 (Sidehill/Chimney)	True	1,639	20	21	J-4051C	11.22	P-4012
J-4004S	Zone-4 (Sidehill/Chimney)	True	1,489	27	20	J-4051C	9.41	P-4014
J-4005S	Zone-4 (Sidehill/Chimney)	True	1,409	33	20	J-4051C	8.95	P-4014
J-4006S	Zone-4 (Sidehill/Chimney)	True	1,268	33	20	J-4051C	14.39	P-4006
J-4007S	Zone-4 (Sidehill/Chimney)	True	1,596	29	20	J-4051C	11.56	P-4100
J-4008S	Zone-4 (Sidehill/Chimney)	True	1,495	20	22	J-4051C	12.15	P-4100
J-4009S	Zone-4 (Sidehill/Chimney)	True	1,217	20	34	J-4051C	13.82	P-4009
J-4010S	Zone-4 (Sidehill/Chimney)	True	1,944	52	20	J-4051C	12.67	P-4014
J-4011S	Zone-4 (Sidehill/Chimney)	True	2,637	33	20	J-4051C	20.53	P-4014
J-4012S	Zone-4 (Sidehill/Chimney)	True	3,129	39	20	J-4051C	10.47	P-4017
J-4013S	Zone-4 (Sidehill/Chimney)	True	1,148	20	46	J-4051C	13.04	P-4015
J-4014S	Zone Exempt	False	0	8	5	J-3500	20.53	P-4014
J-4015S	Zone-4 (Sidehill/Chimney)	True	2,122	49	20	J-4051C	12.46	P-4014
J-4016S	Zone-4 (Sidehill/Chimney)	True	2,150	47	20	J-4051C	12.58	P-4027
J-4017S	Zone-4 (Sidehill/Chimney)	True	1,880	22	20	J-4051C	21.45	P-4019
J-4018	Zone-4 (Sidehill/Chimney)	True	1,695	22	20	J-4051C	19.35	P-4019
J-4019	Zone-4 (Sidehill/Chimney)	True	1,391	20	41	J-4051C	15.89	P-4019
J-4020S	Zone-4 (Sidehill/Chimney)	True	2,334	27	20	J-4051C	14.68	P-4027
J-4021S	Zone-4 (Sidehill/Chimney)	True	2,685	31	20	J-4051C	18.66	P-4027
J-4022C	Zone-4 (Sidehill/Chimney)	True	3,070	38	20	J-4051C	12.65	P-4025
J-4023C	Zone-4 (Sidehill/Chimney)	True	3,057	34	20	J-4051C	8.84	P-2196
J-4024C	Zone-4 (Sidehill/Chimney)	True	3,126	42	20	J-4051C	8.84	P-2196
J-4025C	Zone-4 (Sidehill/Chimney)	True	2,810	20	23	J-4051C	20.64	P-4027
J-4026C	Zone-4 (Sidehill/Chimney)	True	2,718	30	20	J-4051C	19.03	P-4027
J-4027C	Zone-4 (Sidehill/Chimney)	True	2,963	32	20	J-4051C	8.84	P-2196
J-4028C	Zone-4 (Sidehill/Chimney)	True	1,113	20	45	J-4051C	12.65	P-4030
J-4029C	Zone-4 (Sidehill/Chimney)	True	3,016	34	20	J-4051C	8.84	P-2196
J-4030C	Zone-4 (Sidehill/Chimney)	True	3,155	34	20	J-4051C	8.84	P-2196
J-4031C	Zone-4 (Sidehill/Chimney)	True	1,641	20	41	J-4051C	18.63	P-4033
J-4032C	Zone-4 (Sidehill/Chimney)	True	3,220	35	20	J-4051C	8.84	P-2196
J-4033C	Zone-4 (Sidehill/Chimney)	True	3,479	46	20	J-4051C	8.84	P-2196
J-4034C	Zone-4 (Sidehill/Chimney)	True	3,304	47	20	J-4051C	9.28	P-4036
J-4035C	Zone-4 (Sidehill/Chimney)	True	3,178	47	20	J-4051C	8.84	P-2196
J-4036C	Zone-4 (Sidehill/Chimney)	True	3,107	46	20	J-4051C	8.84	P-2196
J-4037C	Zone-4 (Sidehill/Chimney)	True	3,095	31	20	J-4051C	18.14	P-4041
J-4038C	Zone-4 (Sidehill/Chimney)	True	3,649	50	20	J-4051C	8.84	P-4052
J-4039C	Zone-4 (Sidehill/Chimney)	True	3,784	52	20	J-4051C	9.23	P-4052
J-4040C	Zone-4 (Sidehill/Chimney)	True	2,086	25	20	J-4051C	13.82	P-4045
J-4041C	Zone-4 (Sidehill/Chimney)	True	1,620	20	37	J-4051C	18.38	P-4046
J-4042C	Zone-4 (Sidehill/Chimney)	True	1,893	35	20	J-4051C	11.68	P-4049
J-4043C	Zone-4 (Sidehill/Chimney)	True	989	20	45	J-4051C	11.26	P-4048
J-4044C	Zone-4 (Sidehill/Chimney)	True	4,366	57	20	J-4051C	10.88	P-4052
J-4045C	Zone-4 (Sidehill/Chimney)	True	4,022	57	20	J-4051C	9.90	P-4052
J-4046C	Zone-4 (Sidehill/Chimney)	True	4,991	34	20	J-4051C	10.17	P-4056
J-4047C	Zone-4 (Sidehill/Chimney)	True	5,000	37	25	J-4051C	10.32	P-4056
J-4048C	Zone-4 (Sidehill/Chimney)	True	5,000	30	27	J-4051C	10.52	P-4056
J-4049C	Zone Exempt	False	0	47	5	J-3500	10.32	P-4056
J-4050C	Zone Exempt	False	0	8	5	J-3500	10.17	P-4056
J-4051C	Zone-4 (Sidehill/Chimney)	True	5,000	23	30	J-4048C	12.67	P-4058
J-4052C	Zone-4 (Sidehill/Chimney)	True	5,000	26	24	J-4051C	11.57	P-4058
J-4053C	Zone-4 (Sidehill/Chimney)	True	2,787	20	24	J-4051C	12.43	P-4060
J-4054C	Zone-4 (Sidehill/Chimney)	True	2,758	20	39	J-4051C	17.14	P-4061
J-4055C	Zone-4 (Sidehill/Chimney)	True	3,144	20	33	J-4051C	22.22	P-4063
J-4056C	Zone-4 (Sidehill/Chimney)	True	5,000	49	21	J-4051C	10.70	P-4064

	Zone-4 (Sidehill/Chimney)	True	5,000	52	23	J-4051C	10.25	P-4056
J-4058C	Zone-4 (Sidehill/Chimney)	True	4,620	27	20	J-4051C	29.59	P-4066
J-4059C	Zone-4 (Sidehill/Chimney)	True	1,926	20	21	J-4051C	22.00	P-4067
J-4060C	Zone-4 (Sidehill/Chimney)	True	1,505	20	44	J-4051C	17.22	P-4067
J-4061C	Zone-4 (Sidehill/Chimney)	True	5,000	37	24	J-4051C	18.59	P-4069
J-4062C	Zone-4 (Sidehill/Chimney)	True	4,893	31	20	J-4051C	14.99	P-4069
J-4063C	Zone-4 (Sidehill/Chimney)	True	4,741	31	20	J-4051C	16.15	P-4071
J-4064C	Zone-4 (Sidehill/Chimney)	True	4,034	31	20	J-4051C	19.61	P-4072
J-4065C	Zone-4 (Sidehill/Chimney)	True	2,840	22	20	J-4051C	12.39	P-4060
J-4066C	Zone-4 (Sidehill/Chimney)	True	4,509	23	20	J-4051C	17.13	P-4074
J-4067C	Zone-4 (Sidehill/Chimney)	True	4,306	36	20	J-4051C	16.28	P-4080
J-4068C	Zone-4 (Sidehill/Chimney)	True	3,313	20	34	J-4051C	21.22	P-4076
J-4069C	Zone-4 (Sidehill/Chimney)	True	4,280	44	20	J-4051C	18.01	P-4080
J-4070C	Zone-4 (Sidehill/Chimney)	True	3,672	20	28	J-4051C	22.51	P-4079
J-4071C	Zone-4 (Sidehill/Chimney)	True	4,160	47	20	J-4051C	19.51	P-4080
J-4072C	Zone-4 (Sidehill/Chimney)	True	4,016	56	20	J-4051C	8.91	P-4069
J-4073C	Zone-4 (Sidehill/Chimney)	True	4,340	39	20	J-4051C	16.25	P-4081
J-4074C	Zone-4 (Sidehill/Chimney)	True	4,560	30	20	J-4051C	17.82	P-4083
J-4075C	Zone-4 (Sidehill/Chimney)	True	4,215	44	20	J-4051C	18.87	P-4080
J-4076C	Zone-4 (Sidehill/Chimney)	True	2,737	20	39	J-4051C	18.48	P-4085
J-4077C	Zone-4 (Sidehill/Chimney)	True	2,635	20	39	J-4051C	15.27	P-4087
J-4078C	Zone-4 (Sidehill/Chimney)	True	4,168	46	20	J-4051C	20.85	P-4089
J-4079S	Zone-4 (Sidehill/Chimney)	True	2,355	20	20	J-4051C	14.92	P-4027
J-4080S	Zone-4 (Sidehill/Chimney)	True	2,357	20	20	J-4051C	14.98	P-4027
J-4081S	Zone-4 (Sidehill/Chimney)	True	2,385	25	20	J-4051C	15.25	P-4027
J-4085S	Zone-4 (Sidehill/Chimney)	True	1,475	20	34	J-4051C	13.34	P-4100
J-4086S	Zone-4 (Sidehill/Chimney)	True	1,325	20	42	J-4051C	15.14	P-4019
J-4087C	Zone Exempt	False	0	8	5	J-3500	17.05	P-6031
J-4106 School	Zone-4 (Sidehill/Chimney)	True	4,229	49	20	J-4051C	8.98	P-4056
J-4107 School	Zone-4 (Sidehill/Chimney)	True	4,167	49	20	J-4051C	8.86	P-4056
J-4108 School	Zone-4 (Sidehill/Chimney)	True	4,212	30	20	J-4051C	9.22	P-4110 School
J-4500	Zone-4 (Sidehill/Chimney)	True	1,999	25	20	J-4051C	8.84	P-2196
J-4501	Zone-4 (Sidehill/Chimney)	True	2,013	31	20	J-4051C	8.84	P-2196
J-4502	Zone-4 (Sidehill/Chimney)	True	2,074	35	20	J-4051C	8.84	P-2196
J-4503	Zone-4 (Sidehill/Chimney)	True	2,159	38	20	J-4051C	8.84	P-2196
J-4504	Zone-4 (Sidehill/Chimney)	True	2,111	26	20	J-4051C	8.84	P-2196
J-4505	Zone-4 (Sidehill/Chimney)	True	2,052	20	20	J-4051C	8.84	P-2196
J-4506	Zone-4 (Sidehill/Chimney)	True	1,973	20	21	J-4051C	8.84	P-2196
J-4507	Zone-4 (Sidehill/Chimney)	True	1,953	20	21	J-4051C	8.84	P-2196
J-4508	Zone-4 (Sidehill/Chimney)	True	2,106	30	20	J-4051C	8.84	P-2196
J-4509	Zone-4 (Sidehill/Chimney)	True	2,104	35	20	J-4051C	8.84	P-2196
J-4510	Zone-4 (Sidehill/Chimney)	True	2,104	39	20	J-4051C	8.84	P-2196
J-4511	Zone-4 (Sidehill/Chimney)	True	2,103	42	20	J-4051C	8.84	P-2196
J-4512	Zone-4 (Sidehill/Chimney)	True	2,103	36	20	J-4051C	8.84	P-2196
J-4513	Zone-4 (Sidehill/Chimney)	True	2,103	40	20	J-4051C	8.84	P-2196
J-4514	Zone-4 (Sidehill/Chimney)	True	2,103	55	20	J-4051C	8.84	P-2196
J-4515	Zone-4 (Sidehill/Chimney)	True	2,064	38	20	J-4051C	8.84	P-2196
J-4516	Zone-4 (Sidehill/Chimney)	True	1,910	23	20	J-4051C	8.84	P-2196
J-4517	Zone-4 (Sidehill/Chimney)	True	1,738	20	30	J-4051C	11.12	P-4519
J-4518	Zone-4 (Sidehill/Chimney)	True	1,908	20	20	J-4051C	12.19	P-4520
J-4519	Zone-4 (Sidehill/Chimney)	True	1,690	20	30	J-4051C	10.82	P-4521
J-4520	Zone-4 (Sidehill/Chimney)	True	2,103	44	20	J-4051C	8.84	P-2196
J-4521	Zone-4 (Sidehill/Chimney)	True	2,103	35	20	J-4051C	8.84	P-2196
J-4522	Zone-4 (Sidehill/Chimney)	True	2,103	30	20	J-4051C	8.84	P-2196
J-4523	Zone-4 (Sidehill/Chimney)	True	2,103	42	20	J-4051C	13.44	P-4526
J-4524	Zone-4 (Sidehill/Chimney)	True	1,983	20	23	J-4051C	8.86	P-4527
J-4525	Zone-4 (Sidehill/Chimney)	True	1,997	20	21	J-4051C	8.84	P-2196
J-4526	Zone-4 (Sidehill/Chimney)	True	2,080	20	20	J-4051C	8.84	P-2196
J-4527	Zone-4 (Sidehill/Chimney)	True	2,099	24	20	J-4051C	8.84	P-2196
J-4528	Zone-4 (Sidehill/Chimney)	True	1,924	20	21	J-4051C	8.84	P-2196
J-4529	Zone-4 (Sidehill/Chimney)	True	1,964	27	20	J-4051C	8.84	P-2196
J-4530	Zone-4 (Sidehill/Chimney)	True	1,978	46	20	J-4051C	8.84	P-2196
J-4531	Zone-4 (Sidehill/Chimney)	True	1,980	42	20	J-4051C	8.84	P-2196
J-4532	Zone-4 (Sidehill/Chimney)	True	1,971	30	20	J-4051C	8.84	P-2196
J-4533	Zone-4 (Sidehill/Chimney)	True	1,963	22	20	J-4051C	8.84	P-2196
J-4534	Zone-4 (Sidehill/Chimney)	True	1,971	37	20	J-4051C	8.84	P-2196
J-4535	Zone-4 (Sidehill/Chimney)	True	1,736	20	27	J-4051C	11.11	P-4540
J-4536	Zone-4 (Sidehill/Chimney)	True	1,979	35	20	J-4051C	8.84	P-2196
J-4537	Zone-4 (Sidehill/Chimney)	True	1,977	26	20	J-4051C	8.84	P-2196
J-4538	Zone-4 (Sidehill/Chimney)	True	1,975	21	20	J-4051C	8.84	P-2196
J-5001	Zone 5 (West7th)	True	5,000	37	37	J-5001	14.19	P-6048
J-6001	Zone 6 (Boundary)	True	3,934	66	20	J-6049	8.84	P-2196
J-6002	Zone 6 (Boundary)	True	2,944	45	20	J-6049	8.84	P-2196
J-6003	Zone 6 (Boundary)	True	2,373	20	25	J-6049	15.17	P-6002
J-6004	Zone 6 (Boundary)	True	2,890	44	20	J-6049	8.84	P-2196
J-6005	Zone 6 (Boundary)	True	2,890	32	20	J-6049	11.85	P-6004
J-6006	Zone 6 (Boundary)	True	2,668	20	22	J-6049	10.95	P-6004
J-6007	Zone 6 (Boundary)	True	2,769	45	20	J-6049	8.85	P-6044
J-6008	Zone 6 (Boundary)	True	2,668	51	20	J-6049	8.84	P-2196
J-6009	Zone 6 (Boundary)	True	2,668	31	20	J-6049	17.05	P-6031
J-6010	Zone 6 (Boundary)	True	2,668	22	20	J-6049	17.05	P-6032
J-6011	Zone 6 (Boundary)	True	2,603	47	20	J-6049	8.84	P-2196
J-6012	Zone 6 (Boundary)	True	2,555	40	20	J-6049	8.84	P-2196
J-6024	Zone 6 (Boundary)	True	2,237	29	20	J-6049	8.84	P-2196
J-6028	Zone 6 (Boundary)	True	2,372	36	20	J-6049	8.84	P-2196

Phase 2

	Zone 6 (Boundary)	True	2,533	47	20	J-6049	8.84	P-2196
J-6030	Zone 6 (Boundary)	True	2,678	46	20	J-6049	8.84	P-2196
J-6031	Zone 6 (Boundary)	True	2,372	29	20	J-6049	15.16	P-6055
J-6032	Zone 6 (Boundary)	True	2,556	28	20	J-6049	16.33	P-6051
J-6034	Zone Exempt	False	0	45	5	J-3500	8.84	P-2196
J-6045	Zone Exempt	False	0	100	5	J-3500	17.05	P-6032
J-6046	Zone Exempt	False	0	172	5	J-3500	8.84	P-2196
J-6047	Zone 6 (Boundary)	True	2,177	24	20	J-6049	8.84	P-2196
J-6048	Zone 6 (Boundary)	True	2,109	20	20	J-6049	8.84	P-2196
J-6049	Zone 6 (Boundary)	True	2,063	20	22	J-6048	8.84	P-2196
J-6050	Zone 6 (Boundary)	True	2,157	40	20	J-6049	8.84	P-2196
J-6051	Zone 6 (Boundary)	True	2,200	33	20	J-6049	8.84	P-2196
J-6052	Zone 6 (Boundary)	True	2,251	46	20	J-6049	8.84	P-2196
J-6053	Zone 6 (Boundary)	True	2,251	38	20	J-6049	14.38	P-6064
J-6054	Zone 6 (Boundary)	True	2,295	47	20	J-6049	8.84	P-2196
J-6055	Zone 6 (Boundary)	True	2,295	29	20	J-6049	14.67	P-6066
J-6056	Zone 6 (Boundary)	True	2,353	53	20	J-6049	8.84	P-2196
J-6057	Zone 6 (Boundary)	True	2,407	52	20	J-6049	8.84	P-2196
J-6058	Zone 6 (Boundary)	True	2,469	45	20	J-6049	8.84	P-2196
J-Section 5.3.2	Zone 6 (Boundary)	False	0	88	37	J-6049	8.84	P-2196
J-Tangberg	Zone-4 (Sidehill/Chimney)	True	1,107	20	41	J-4051C	12.57	P-4006

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Residual Pressures
Maximum Day

Scenario Summary Report
Scenario: Existing SVGID System + 5 Ridges

Scenario Summary

ID	64
Label	Existing SVGID System + 5 Ridges
Notes	
Active Topology	Base-Active Topology
Physical	Existing System
Demand	8750 Customers Maximum Day Demand
Initial Settings	Existing System Pumps OFF Tanks at LWL
Operational	Base
Age	Base-Age Alternative
Constituent	Base-Constituent
Trace	Base-Trace Alternative
Fire Flow	All Nodes
Energy Cost	Base-Energy Cost
Transient	Base Transient
Pressure Dependent Demand	Base Pressure Dependent Demand
Failure History	Base Failure History
SCADA	Base SCADA
User Data Extensions	Base-User Data
Steady State/EPS Solver Calculation Options	Proposed SVGID System
Transient Solver Calculation Options	Base Calculation Options

Hydraulic Summary

Time Analysis Type	Steady State	Use simple controls during steady state?	True
Friction Method	Hazen-Williams	Is EPS Snapshot?	False
Accuracy	0.001	Start Time	12:00:00 AM
Trials	40	Calculation Type	Fire Flow

Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
FlexTable: Tank Table

Label	Zone	Elevation (Base) (ft)	Elevation (Minimum) (ft)	Elevation (Initial) (ft)	Elevation (Maximum) (ft)	Diameter (ft)	Volume Full (Calculated) (gal)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
Eastside	Zone-1-2-3	4,963.00	4,963.00	4,989.25	4,992.92	90.00	1,423,863.12	811	4,989.25
Chocolate	Zone-1-2-3	4,964.25	4,964.25	4,989.25	4,992.92	74.00	922,386.13	394	4,989.25
Klondike	Zone-1-2-3	4,968.00	4,968.00	4,989.25	4,992.92	107.00	1,676,243.96	1,057	4,989.25
Juniper Terr. Tank	Zone-1-2-3	4,952.29	4,952.29	4,974.94	4,974.94	60.00	479,062.68	0	4,974.94
Sidehill	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,123.59	5,134.41	40.00	285,863.06	102	5,123.59
Chimney 1	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,123.59	5,135.09	40.00	292,255.26	229	5,123.59
Westside Tank	Zone-3 (Chocolate)	4,961.90	4,961.90	4,989.25	4,992.92	90.00	1,476,211.03	696	4,989.25
Boundary Tank	Zone 6 (Boundary)	5,279.50	5,279.50	5,304.50	5,315.50	80.00	1,353,642.89	150	5,304.50
Chimney 2	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,123.59	5,135.09	75.00	1,027,459.90	226	5,123.59

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Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
FlexTable: Junction Table

ID	Label	Elevation (ft)	Pressure (psi)	Demand (gpm)	Zone
127	J-1001	4,639.00	55	4	Zone-1 (Southern)
131	J-1002	4,662.00	45	5	Zone-1 (Southern)
132	J-1003	4,649.00	51	1	Zone-1 (Southern)
128	J-1004	4,662.00	45	4	Zone-1 (Southern)
133	J-1005	4,653.00	49	0	Zone-1 (Southern)
129	J-1006	4,664.00	44	4	Zone-1 (Southern)
130	J-1007	4,661.00	46	1	Zone-1 (Southern)
134	J-1008	4,635.00	57	5	Zone-1 (Southern)
135	J-1009	4,621.00	63	9	Zone-1 (Southern)
139	J-1010	4,618.00	64	3	Zone-1 (Southern)
136	J-1011	4,625.00	61	3	Zone-1 (Southern)
138	J-1012	4,619.00	64	7	Zone-1 (Southern)
137	J-1013	4,625.00	61	4	Zone-1 (Southern)
140	J-1014	4,658.00	47	3	Zone-1 (Southern)
141	J-1015	4,665.00	44	3	Zone-1 (Southern)
142	J-1016	4,636.00	57	8	Zone-1 (Southern)
143	J-1017	4,639.00	55	13	Zone-1 (Southern)
144	J-1018	4,651.00	50	8	Zone-1 (Southern)
145	J-1019	4,653.00	49	1	Zone-1 (Southern)
146	J-1020	4,653.00	49	5	Zone-1 (Southern)
148	J-1021	4,662.00	45	2	Zone-1 (Southern)
147	J-1022	4,659.00	47	1	Zone-1 (Southern)
149	J-2001	4,720.00	74	5	Zone-1 (Southern)
150	J-2002	4,710.00	78	7	Zone-2 (Central)
151	J-2003	4,710.00	78	3	Zone-2 (Central)
152	J-2004	4,700.00	82	3	Zone-2 (Central)
153	J-2005	4,667.00	96	5	Zone-2 (Central)
155	J-2006	4,664.00	98	5	Zone-2 (Central)
154	J-2007	4,649.00	104	35	Zone-2 (Central)
157	J-2008	4,659.00	106	4	Zone-2 (Central)
158	J-2009	4,664.00	104	2	Zone-2 (Central)
159	J-2010	4,655.00	108	4	Zone-2 (Central)
161	J-2011	4,675.00	99	54	Zone-2 (Central)
162	J-2012	4,696.00	90	18	Zone-2 (Central)
163	J-2013	4,716.00	81	20	Zone-2 (Central)
164	J-2014	4,745.00	69	46	Zone-2 (Central)
165	J-2015	4,776.00	56	7	Zone-2 (Central)
166	J-2016	4,696.00	90	20	Zone-2 (Central)
167	J-2017	4,700.00	88	8	Zone-2 (Central)
168	J-2018	4,696.00	90	15	Zone-2 (Central)
169	J-2019	4,727.00	76	12	Zone-2 (Central)
190	J-2020	4,730.00	75	13	Zone-2 (Central)
170	J-2021	4,737.00	72	10	Zone-2 (Central)
175	J-2022	4,773.00	56	4	Zone-2 (Central)
171	J-2023	4,740.00	71	6	Zone-2 (Central)
172	J-2024	4,747.00	68	9	Zone-2 (Central)
174	J-2025	4,806.00	42	5	Zone-2 (Central)
173	J-2026	4,744.00	69	4	Zone-2 (Central)
176	J-2027	4,727.00	76	9	Zone-2 (Central)
179	J-2028	4,732.00	74	15	Zone-2 (Central)
177	J-2029	4,747.00	68	6	Zone-2 (Central)
178	J-2030	4,762.00	61	9	Zone-2 (Central)
180	J-2031	4,741.00	70	11	Zone-2 (Central)
191	J-2032	4,740.00	71	2	Zone-2 (Central)
181	J-2033	4,745.00	68	10	Zone-2 (Central)
182	J-2034	4,753.00	65	8	Zone-2 (Central)
183	J-2035	4,763.00	61	13	Zone-2 (Central)

186	J-2036	4,751.00	66	12	Zone-2 (Central)
192	J-2037	4,735.00	73	5	Zone-2 (Central)
184	J-2038	4,758.00	63	6	Zone-2 (Central)
187	J-2039	4,760.00	62	11	Zone-2 (Central)
188	J-2040	4,779.00	54	5	Zone-2 (Central)
189	J-2041	4,790.00	49	4	Zone-2 (Central)
185	J-2042	4,797.00	46	9	Zone-2 (Central)
193	J-2043	4,810.00	40	3	Zone-2 (Central)
195	J-2044	4,667.00	103	13	Zone-2 (Central)
196	J-2045	4,651.00	110	2	Zone-2 (Central)
202	J-2046	4,664.00	105	4	Zone-2 (Central)
203	J-2047	4,662.00	106	8	Zone-2 (Central)
204	J-2048	4,654.00	109	4	Zone-2 (Central)
213	J-2049	4,664.00	105	5	Zone-2 (Central)
214	J-2050	4,671.00	102	5	Zone-2 (Central)
205	J-2051	4,671.00	102	5	Zone-2 (Central)
206	J-2052	4,696.00	91	5	Zone-2 (Central)
207	J-2053	4,703.00	88	5	Zone-2 (Central)
208	J-2054	4,717.00	82	3	Zone-2 (Central)
209	J-2055	4,701.00	89	3	Zone-2 (Central)
210	J-2056	4,721.00	81	4	Zone-2 (Central)
201	J-2057	4,672.00	102	8	Zone-2 (Central)
200	J-2058	4,681.00	98	5	Zone-2 (Central)
199	J-2059	4,682.00	97	7	Zone-2 (Central)
198	J-2060	4,685.00	96	8	Zone-2 (Central)
197	J-2061	4,687.00	95	9	Zone-2 (Central)
215	J-2062	4,681.00	98	2	Zone-2 (Central)
211	J-2063	4,674.00	101	7	Zone-2 (Central)
212	J-2064	4,678.00	101	7	Zone-2 (Central)
216	J-2065	4,697.00	91	8	Zone-2 (Central)
217	J-2066	4,701.00	88	8	Zone-2 (Central)
218	J-2067	4,708.00	85	13	Zone-2 (Central)
219	J-2068	4,696.00	91	4	Zone-2 (Central)
220	J-2069	4,703.00	88	6	Zone-2 (Central)
221	J-2070	4,706.00	87	8	Zone-2 (Central)
222	J-2071	4,730.00	76	16	Zone-2 (Central)
223	J-2072	4,737.00	73	10	Zone-2 (Central)
224	J-2073	4,729.00	77	8	Zone-2 (Central)
225	J-2074	4,719.00	82	8	Zone-2 (Central)
230	J-2075	4,727.00	78	19	Zone-2 (Central)
231	J-2076	4,746.00	70	15	Zone-2 (Central)
232	J-2077	4,750.00	68	8	Zone-2 (Central)
226	J-2078	4,713.00	85	5	Zone-2 (Central)
227	J-2079	4,706.00	88	6	Zone-2 (Central)
228	J-2080	4,701.00	91	9	Zone-2 (Central)
229	J-2081	4,710.00	87	8	Zone-2 (Central)
237	J-2082	4,718.00	83	11	Zone-2 (Central)
236	J-2083	4,722.00	81	9	Zone-2 (Central)
233	J-2084	4,740.00	73	7	Zone-2 (Central)
234	J-2085	4,736.00	74	8	Zone-2 (Central)
235	J-2086	4,731.00	77	8	Zone-2 (Central)
238	J-2087	4,770.00	60	9	Zone-2 (Central)
239	J-2088	4,770.00	60	8	Zone-2 (Central)
240	J-2089	4,784.00	54	4	Zone-2 (Central)
241	J-2090	4,777.00	57	13	Zone-2 (Central)
244	J-2091	4,743.00	71	10	Zone-2 (Central)
242	J-2092	4,759.00	65	8	Zone-2 (Central)
243	J-2093	4,759.00	65	2	Zone-2 (Central)
276	J-2094	4,681.00	103	4	Zone-2 (Central)
277	J-2095	4,681.00	104	7	Zone-2 (Central)
278	J-2096	4,687.00	100	12	Zone-2 (Central)
245	J-2097	4,692.00	97	6	Zone-2 (Central)
279	J-2098	4,700.00	98	3	Zone-2 (Central)
280	J-2099	4,700.00	98	9	Zone-2 (Central)
281	J-2100	4,681.00	107	2	Zone-2 (Central)
246	J-2101	4,693.00	96	18	Zone-2 (Central)
247	J-2102	4,708.00	87	20	Zone-2 (Central)

	J-2103	4,724.00	80	18	Zone-2 (Central)
249	J-2104	4,730.00	77	8	Zone-2 (Central)
251	J-2105	4,752.00	68	9	Zone-2 (Central)
250	J-2106	4,760.00	64	8	Zone-2 (Central)
297	J-2107	4,683.00	98	14	Zone-2 (Central)
300	J-2108	4,693.00	94	4	Zone-2 (Central)
299	J-2109	4,693.00	92	6	Zone-2 (Central)
298	J-2110	4,699.00	90	7	Zone-2 (Central)
285	J-2111	4,710.00	92	10	Zone-2 (Central)
286	J-2112	4,738.00	79	14	Zone-2 (Central)
291	J-2113	4,720.00	87	7	Zone-2 (Central)
270	J-2114	4,713.00	88	13	Zone-2 (Central)
269	J-2115	4,707.00	90	5	Zone-2 (Central)
267	J-2116	4,707.00	90	5	Zone-2 (Central)
266	J-2117	4,706.00	90	12	Zone-2 (Central)
265	J-2118	4,703.00	90	22	Zone-2 (Central)
261	J-2119	4,705.00	89	12	Zone-2 (Central)
252	J-2120	4,721.00	81	10	Zone-2 (Central)
257	J-2121	4,748.00	69	9	Zone-2 (Central)
256	J-2122	4,750.00	69	7	Zone-2 (Central)
290	J-2123	4,729.00	83	3	Zone-2 (Central)
287	J-2124	4,760.00	70	7	Zone-2 (Central)
289	J-2125	4,746.00	76	6	Zone-2 (Central)
288	J-2126	4,763.00	68	9	Zone-2 (Central)
292	J-2127	4,753.00	73	8	Zone-2 (Central)
293	J-2128	4,770.00	65	5	Zone-2 (Central)
294	J-2129	4,750.00	74	6	Zone-2 (Central)
295	J-2130	4,780.00	61	7	Zone-2 (Central)
296	J-2131	4,790.00	57	14	Zone-2 (Central)
271	J-2132	4,758.00	68	6	Zone-2 (Central)
272	J-2133	4,748.00	73	5	Zone-2 (Central)
273	J-2134	4,720.00	85	8	Zone-2 (Central)
268	J-2135	4,748.00	71	13	Zone-2 (Central)
263	J-2136	4,726.00	79	10	Zone-2 (Central)
264	J-2137	4,715.00	84	10	Zone-2 (Central)
254	J-2138	4,726.00	79	10	Zone-2 (Central)
253	J-2139	4,724.00	80	12	Zone-2 (Central)
262	J-2140	4,743.00	72	8	Zone-2 (Central)
255	J-2141	4,728.00	78	11	Zone-2 (Central)
259	J-2142	4,747.00	70	10	Zone-2 (Central)
258	J-2143	4,745.00	71	21	Zone-2 (Central)
260	J-2144	4,760.00	64	4	Zone-2 (Central)
339	J-2145	4,763.00	62	0	Zone-2 (Central)
338	J-2146	4,763.00	62	0	Zone-2 (Central)
552	J-2147	4,751.00	71	0	Zone-2 (Central)
556	J-2148	4,727.00	80	0	Zone-2 (Central)
558	J-2149	4,683.00	98	0	Zone-2 (Central)
560	J-2150	4,785.00	51	0	Zone-2 (Central)
557	J-2151	4,810.00	40	0	Zone-2 (Central)
1351	J-2152	4,729.75	70	0	Zone-2 (Central)
559	J-2153	4,756.00	64	0	Zone-2 (Central)
581	J-2154	4,755.00	66	0	Zone-2 (Central)
582	J-2155	4,760.00	64	0	Zone-2 (Central)
1327	J-2156	4,745.00	71	0	Zone-2 (Central)
1380	J-2157	4,681.00	106	0	Zone-2 (Central)
303	J-3001	4,648.00	146	0	Zone Exempt
304	J-3002	4,648.00	146	0	Zone Exempt
126	J-3003	4,645.00	148	0	Zone Exempt
305	J-3004	4,660.00	141	0	Zone Exempt
306	J-3005	4,660.00	141	2	Zone Exempt
160	J-3006	4,662.00	140	5	Zone Exempt
156	J-3007	4,720.00	116	10	Zone-3 (Chocolate)
307	J-3008	4,840.00	64	4	Zone-3 (Chocolate)
308	J-3010	4,860.00	56	5	Zone-3 (Chocolate)
309	J-3011	4,827.00	70	7	Zone-3 (Chocolate)
310	J-3012	4,799.00	82	10	Zone-3 (Chocolate)
311	J-3013	4,790.00	86	5	Zone-3 (Chocolate)

	J-3014	4,820.00	73	2	Zone-3 (Chocolate)
313	J-3015	4,820.00	73	5	Zone-3 (Chocolate)
314	J-3016	4,826.00	70	5	Zone-3 (Chocolate)
315	J-3017	4,835.00	66	5	Zone-3 (Chocolate)
194	J-3018	4,818.00	74	7	Zone-3 (Chocolate)
316	J-3019	4,835.00	66	28	Zone-3 (Chocolate)
317	J-3020	4,840.00	64	6	Zone-3 (Chocolate)
318	J-3021	4,826.00	70	3	Zone-3 (Chocolate)
319	J-3022	4,817.00	74	10	Zone-3 (Chocolate)
320	J-3023	4,825.00	70	7	Zone-3 (Chocolate)
321	J-3024	4,833.00	67	1	Zone-3 (Chocolate)
322	J-3025	4,833.00	67	4	Zone-3 (Chocolate)
328	J-3026	4,892.00	41	0	Zone Exempt
323	J-3027	4,801.00	81	10	Zone-3 (Chocolate)
324	J-3028	4,800.00	81	0	Zone-3 (Chocolate)
327	J-3029	4,827.00	69	7	Zone-3 (Chocolate)
326	J-3030	4,822.00	72	5	Zone-3 (Chocolate)
325	J-3031	4,801.00	81	4	Zone-3 (Chocolate)
329	J-3032	4,834.00	66	8	Zone-3 (Chocolate)
330	J-3033	4,862.00	54	9	Zone-3 (Chocolate)
331	J-3034	4,882.00	46	7	Zone-3 (Chocolate)
302	J-3035	4,648.00	146	0	Zone Exempt
332	J-3036	4,645.00	148	0	Zone Exempt
333	J-3037	4,662.00	140	3	Zone Exempt
334	J-3038	4,692.00	127	8	Zone Exempt
335	J-3039	4,776.00	91	7	Zone Exempt
336	J-3040	4,763.00	97	0	Zone Exempt
337	J-3041	4,763.00	97	11	Zone-3 (Chocolate)
340	J-3042	4,811.00	76	7	Zone-3 (Chocolate)
341	J-3043	4,811.00	76	6	Zone-3 (Chocolate)
342	J-3044	4,836.00	65	11	Zone-3 (Chocolate)
344	J-3045	4,792.00	85	6	Zone-3 (Chocolate)
343	J-3046	4,834.00	66	7	Zone-3 (Chocolate)
345	J-3047	4,784.00	88	4	Zone-3 (Chocolate)
347	J-3048	4,848.00	60	1	Zone-3 (Chocolate)
348	J-3049	4,863.00	54	10	Zone-3 (Chocolate)
349	J-3050	4,882.00	46	3	Zone-3 (Chocolate)
350	J-3051	4,909.00	34	2	Zone Exempt
351	J-3052	4,925.00	27	0	Zone Exempt
371	J-3053	4,925.00	27	0	Zone Exempt
372	J-3054	4,921.00	29	0	Zone Exempt
373	J-3055	4,950.00	16	0	Zone Exempt
374	J-3056	4,943.00	19	0	Zone Exempt
346	J-3057	4,813.00	75	11	Zone-3 (Chocolate)
352	J-3058	4,834.00	66	5	Zone-3 (Chocolate)
353	J-3059	4,853.00	58	5	Zone-3 (Chocolate)
354	J-3060	4,863.00	54	3	Zone-3 (Chocolate)
355	J-3061	4,863.00	54	1	Zone-3 (Chocolate)
356	J-3062	4,881.00	46	6	Zone-3 (Chocolate)
357	J-3063	4,877.00	48	8	Zone-3 (Chocolate)
358	J-3064	4,875.00	49	4	Zone-3 (Chocolate)
359	J-3065	4,888.00	43	2	Zone-3 (Chocolate)
360	J-3066	4,863.00	54	4	Zone-3 (Chocolate)
362	J-3067	4,843.00	62	6	Zone-3 (Chocolate)
361	J-3068	4,847.00	61	4	Zone-3 (Chocolate)
363	J-3069	4,821.00	72	6	Zone-3 (Chocolate)
364	J-3070	4,811.00	76	2	Zone-3 (Chocolate)
365	J-3071	4,807.00	78	0	Zone-3 (Chocolate)
366	J-3072	4,807.00	78	2	Zone-3 (Chocolate)
367	J-3073	4,790.00	85	8	Zone-3 (Chocolate)
368	J-3074	4,790.00	85	5	Zone-3 (Chocolate)
369	J-3075	4,779.00	90	14	Zone-3 (Chocolate)
370	J-3076	4,765.00	96	5	Zone-3 (Chocolate)
301	J-3077	4,759.00	99	1	Zone-3 (Chocolate)
375	J-3078	4,887.00	43	0	Zone Exempt
379	J-3079	4,876.00	48	4	Zone-3 (Chocolate)
380	J-3080	4,869.00	51	1	Zone-3 (Chocolate)

	J-3081	4,860.00	55	12	Zone-3 (Chocolate)
382	J-3082	4,848.00	60	13	Zone-3 (Chocolate)
383	J-3083	4,838.00	65	12	Zone-3 (Chocolate)
384	J-3084	4,828.00	69	11	Zone-3 (Chocolate)
385	J-3085	4,816.00	74	12	Zone-3 (Chocolate)
386	J-3086	4,804.00	79	12	Zone-3 (Chocolate)
387	J-3087	4,792.00	84	4	Zone-3 (Chocolate)
388	J-3088	4,792.00	84	7	Zone-3 (Chocolate)
389	J-3089	4,785.00	87	0	Zone-3 (Chocolate)
390	J-3090	4,785.00	87	2	Zone-3 (Chocolate)
392	J-3091	4,774.00	92	1	Zone-3 (Chocolate)
391	J-3092	4,774.00	92	0	Zone-3 (Chocolate)
393	J-3093	4,776.00	91	3	Zone-3 (Chocolate)
394	J-3094	4,784.00	88	6	Zone-3 (Chocolate)
395	J-3095	4,797.00	82	6	Zone-3 (Chocolate)
396	J-3096	4,810.00	77	9	Zone-3 (Chocolate)
397	J-3097	4,817.00	74	9	Zone-3 (Chocolate)
398	J-3098	4,826.00	70	0	Zone-3 (Chocolate)
399	J-3099	4,839.00	64	10	Zone-3 (Chocolate)
400	J-3100	4,848.00	60	7	Zone-3 (Chocolate)
401	J-3101	4,858.00	56	9	Zone-3 (Chocolate)
402	J-3102	4,867.00	52	7	Zone-3 (Chocolate)
403	J-3103	4,781.00	89	3	Zone-3 (Chocolate)
404	J-3104	4,781.00	89	8	Zone-3 (Chocolate)
405	J-3105	4,787.00	87	4	Zone-3 (Chocolate)
406	J-3106	4,789.00	86	11	Zone-3 (Chocolate)
407	J-3107	4,792.00	84	5	Zone-3 (Chocolate)
408	J-3108	4,798.00	82	6	Zone-3 (Chocolate)
409	J-3109	4,801.00	81	5	Zone-3 (Chocolate)
410	J-3110	4,806.00	78	1	Zone-3 (Chocolate)
411	J-3111	4,808.00	78	6	Zone-3 (Chocolate)
412	J-3112	4,814.00	75	6	Zone-3 (Chocolate)
413	J-3113	4,774.00	92	2	Zone-3 (Chocolate)
414	J-3114	4,763.00	97	11	Zone-3 (Chocolate)
275	J-3115	4,748.00	103	3	Zone-3 (Chocolate)
283	J-3116	4,675.00	133	0	Zone Exempt
282	J-3117	4,681.00	131	2	Zone Exempt
415	J-3118	4,681.00	131	2	Zone Exempt
416	J-3119	4,681.00	131	2	Zone Exempt
284	J-3120	4,700.00	123	0	Zone Exempt
417	J-3121	4,802.00	80	1	Zone-3 (Chocolate)
419	J-3122	4,751.00	102	3	Zone-3 (Chocolate)
420	J-3123	4,777.00	91	9	Zone-3 (Chocolate)
421	J-3124	4,773.00	92	12	Zone-3 (Chocolate)
422	J-3125	4,772.00	93	9	Zone-3 (Chocolate)
423	J-3126	4,773.00	92	11	Zone-3 (Chocolate)
424	J-3127	4,775.00	91	6	Zone-3 (Chocolate)
425	J-3128	4,777.00	91	6	Zone-3 (Chocolate)
426	J-3129	4,781.00	89	5	Zone-3 (Chocolate)
427	J-3130	4,765.00	96	6	Zone-3 (Chocolate)
428	J-3131	4,766.00	95	17	Zone-3 (Chocolate)
429	J-3132	4,759.00	98	13	Zone-3 (Chocolate)
430	J-3133	4,766.00	95	12	Zone-3 (Chocolate)
431	J-3134	4,768.00	94	9	Zone-3 (Chocolate)
432	J-3135	4,766.00	95	19	Zone-3 (Chocolate)
433	J-3136	4,762.00	97	4	Zone-3 (Chocolate)
434	J-3137	4,759.00	98	18	Zone-3 (Chocolate)
435	J-3138	4,755.00	100	13	Zone-3 (Chocolate)
436	J-3139	4,760.00	98	12	Zone-3 (Chocolate)
437	J-3140	4,766.00	95	13	Zone-3 (Chocolate)
438	J-3141	4,780.00	89	4	Zone-3 (Chocolate)
439	J-3142	4,770.00	94	0	Zone-3 (Chocolate)
440	J-3143	4,770.00	94	1	Zone-3 (Chocolate)
463	J-3144	4,766.00	95	2	Zone-3 (Chocolate)
441	J-3145	4,771.00	93	2	Zone-3 (Chocolate)
442	J-3146	4,770.00	94	5	Zone-3 (Chocolate)
449	J-3147	4,770.00	94	0	Zone-3 (Chocolate)

	J-3148	4,771.00	93	3	Zone-3 (Chocolate)
443	J-3149	4,758.00	99	22	Zone-3 (Chocolate)
444	J-3150	4,758.00	99	10	Zone-3 (Chocolate)
445	J-3151	4,760.00	98	11	Zone-3 (Chocolate)
446	J-3152	4,755.00	100	13	Zone-3 (Chocolate)
447	J-3153	4,755.00	100	10	Zone-3 (Chocolate)
418	J-3154	4,810.00	76	3	Zone-3 (Chocolate)
450	J-3155	4,779.00	90	4	Zone-3 (Chocolate)
451	J-3156	4,770.00	94	1	Zone-3 (Chocolate)
274	J-3157	4,770.00	94	0	Zone-3 (Chocolate)
376	J-3158	4,880.00	47	5	Zone Exempt
377	J-3159	4,861.00	55	7	Zone-3 (Chocolate)
378	J-3160	4,869.00	51	13	Zone-3 (Chocolate)
452	J-3161	4,840.00	64	1	Zone-3 (Chocolate)
453	J-3162	4,834.00	67	11	Zone-3 (Chocolate)
454	J-3163	4,843.00	63	2	Zone-3 (Chocolate)
455	J-3164	4,820.00	72	7	Zone-3 (Chocolate)
456	J-3165	4,882.00	46	5	Zone-3 (Chocolate)
466	J-3167	4,848.00	61	3	Zone-3 (Chocolate)
464	J-3168	4,870.00	51	4	Zone-3 (Chocolate)
465	J-3169	4,843.00	63	8	Zone-3 (Chocolate)
467	J-3170	4,870.00	51	3	Zone-3 (Chocolate)
468	J-3171	4,949.00	17	0	Zone Exempt
458	J-3172	4,648.00	146	0	Zone Exempt
461	J-3173	4,648.00	40	0	Zone Exempt
460	J-3174	4,648.00	146	0	Zone Exempt
459	J-3175	4,648.00	146	0	Zone Exempt
462	J-3176	4,648.00	40	0	Zone Exempt
547	J-3177	4,780.00	90	0	Zone-3 (Chocolate)
548	J-3178	4,780.00	90	0	Zone-3 (Chocolate)
583	J-3180	4,835.00	66	0	Zone-3 (Chocolate)
550	J-3181	4,750.00	103	0	Zone Exempt
549	J-3182	4,817.00	74	0	Zone Exempt
561	J-3183	4,762.00	97	4	Zone-3 (Chocolate)
562	J-3184	4,816.70	73	6	Zone-3 (Chocolate)
563	J-3185	4,842.90	62	6	Zone-3 (Chocolate)
564	J-3186	4,868.30	51	26	Zone-3 (Chocolate)
569	J-3191	4,844.00	62	25	Zone-3 (Chocolate)
570	J-3192	4,828.00	68	5	Zone-3 (Chocolate)
572	J-3193	4,807.00	78	3	Zone-3 (Chocolate)
571	J-3194	4,807.00	78	3	Zone-3 (Chocolate)
573	J-3195	4,828.00	68	3	Zone-3 (Chocolate)
584	J-3198	4,900.00	39	0	Zone Exempt
585	J-3199	4,900.00	39	0	Zone Exempt
1368	J-3200	4,875.00	49	0	Zone-3 (Chocolate)
1370	J-3201	4,863.00	54	0	Zone-3 (Chocolate)
1914	J-3500	4,967.50	9	0	Zone Exempt
1911	J-3501	4,942.00	20	0	Zone Exempt
1917	J-3502	4,892.00	42	0	Zone Exempt
1919	J-3503	4,866.00	53	5	Zone-3 (Chocolate)
1922	J-3504	4,841.00	64	0	Zone-3 (Chocolate)
1924	J-3505	4,844.00	63	8	Zone-3 (Chocolate)
1927	J-3506	4,824.00	71	4	Zone-3 (Chocolate)
1929	J-3507	4,834.00	67	4	Zone-3 (Chocolate)
1932	J-3508	4,846.00	62	5	Zone-3 (Chocolate)
1934	J-3509	4,858.00	56	5	Zone-3 (Chocolate)
1936	J-3510	4,869.00	52	6	Zone-3 (Chocolate)
1938	J-3511	4,880.00	47	5	Zone-3 (Chocolate)
1940	J-3512	4,870.00	51	5	Zone-3 (Chocolate)
1942	J-3513	4,857.00	57	5	Zone-3 (Chocolate)
1944	J-3514	4,844.00	62	6	Zone-3 (Chocolate)
1946	J-3515	4,828.00	69	5	Zone-3 (Chocolate)
1948	J-3516	4,819.00	73	4	Zone-3 (Chocolate)
1952	J-3517	4,823.00	72	4	Zone-3 (Chocolate)
1954	J-3518	4,820.00	73	0	Zone-3 (Chocolate)
1956	J-3519	4,809.00	78	0	Zone-3 (Chocolate)
1958	J-3520	4,791.00	85	5	Zone-3 (Chocolate)

Phase 1

	J-3521	4,777.00	91	6	Zone-3 (Chocolate)
1962	J-3522	4,773.00	93	5	Zone-3 (Chocolate)
1964	J-3523	4,778.00	91	4	Zone-3 (Chocolate)
1966	J-3524	4,783.00	89	5	Zone-3 (Chocolate)
1968	J-3525	4,783.00	89	4	Zone-3 (Chocolate)
1970	J-3526	4,783.00	89	4	Zone-3 (Chocolate)
1972	J-3527	4,778.00	91	7	Zone-3 (Chocolate)
1974	J-3528	4,774.00	93	5	Zone-3 (Chocolate)
1977	J-3529	4,778.00	91	3	Zone-3 (Chocolate)
1980	J-3530	4,784.00	88	3	Zone-3 (Chocolate)
1982	J-3531	4,790.00	86	7	Zone-3 (Chocolate)
1984	J-3532	4,797.00	83	7	Zone-3 (Chocolate)
1986	J-3533	4,801.00	81	5	Zone-3 (Chocolate)
1988	J-3534	4,804.00	80	5	Zone-3 (Chocolate)
1990	J-3535	4,808.00	78	8	Zone-3 (Chocolate)
1992	J-3536	4,811.00	77	5	Zone-3 (Chocolate)
1994	J-3537	4,807.00	78	5	Zone-3 (Chocolate)
1996	J-3538	4,802.00	81	4	Zone-3 (Chocolate)
1998	J-3539	4,801.00	81	6	Zone-3 (Chocolate)
2002	J-3540	4,804.00	80	4	Zone-3 (Chocolate)
2005	J-3541	4,804.00	80	5	Zone-3 (Chocolate)
2008	J-3542	4,792.00	85	4	Zone-3 (Chocolate)
2010	J-3543	4,830.00	69	3	Zone-3 (Chocolate)
2012	J-3544	4,848.00	61	6	Zone-3 (Chocolate)
2014	J-3545	4,838.00	65	5	Zone-3 (Chocolate)
2016	J-3546	4,816.00	75	2	Zone-3 (Chocolate)
2018	J-3547	4,840.00	64	4	Zone-3 (Chocolate)
2023	J-3549	4,812.00	76	5	Zone-3 (Chocolate)
2025	J-3550	4,790.00	86	4	Zone-3 (Chocolate)
2027	J-3551	4,798.00	82	1	Zone-3 (Chocolate)
2029	J-3552	4,808.00	78	1	Zone-3 (Chocolate)
2031	J-3553	4,802.00	81	3	Zone-3 (Chocolate)
2034	J-3554	4,848.00	61	4	Zone-3 (Chocolate)
2036	J-3555	4,856.00	57	4	Zone-3 (Chocolate)
2041	J-3556	4,785.00	88	0	Zone-3 (Chocolate)
2044	J-3557	4,834.00	67	3	Zone-3 (Chocolate)
2048	J-3559	4,744.00	106	0	Zone-3 (Chocolate)
2050	J-3560	4,654.00	145	27	Zone-1 (Southern)
2053	J-3561	4,816.00	75	3	Zone-3 (Chocolate)
2061	J-3564	4,832.00	68	7	Zone-3 (Chocolate)
2064	J-3565	4,840.00	64	4	Zone-3 (Chocolate)
2076	J-3566	4,962.00	12	0	Zone Exempt
2081	J-3569	4,800.00	81	122	Zone-3 (Chocolate)
2083	J-3570	4,962.00	12	122	Zone Exempt
2102	J-3579	4,823.52	71	0	Zone-2 (Central)
2115	J-3580	4,800.00	81	0	Zone-3 (Chocolate)
470	J-4001S	4,890.00	101	2	Zone-4 (Sidehill/Chimney)
471	J-4002S	4,877.00	106	5	Zone-4 (Sidehill/Chimney)
472	J-4003S	4,893.00	99	8	Zone-4 (Sidehill/Chimney)
473	J-4004S	4,897.00	98	6	Zone-4 (Sidehill/Chimney)
474	J-4005S	4,899.00	97	2	Zone-4 (Sidehill/Chimney)
475	J-4006S	4,899.00	97	1	Zone-4 (Sidehill/Chimney)
476	J-4007S	4,890.00	101	2	Zone-4 (Sidehill/Chimney)
477	J-4008S	4,953.00	73	3	Zone-4 (Sidehill/Chimney)
478	J-4009S	4,942.00	78	2	Zone-4 (Sidehill/Chimney)
479	J-4010S	4,908.00	93	4	Zone-4 (Sidehill/Chimney)
480	J-4011S	4,928.00	84	3	Zone-4 (Sidehill/Chimney)
481	J-4012S	4,959.00	71	5	Zone-4 (Sidehill/Chimney)
482	J-4013S	5,002.00	53	2	Zone-4 (Sidehill/Chimney)
483	J-4014S	5,100.00	10	0	Zone Exempt
484	J-4015S	4,897.00	98	2	Zone-4 (Sidehill/Chimney)
485	J-4016S	4,897.00	98	3	Zone-4 (Sidehill/Chimney)
486	J-4017S	4,885.00	103	3	Zone-4 (Sidehill/Chimney)
487	J-4018	4,885.00	103	3	Zone-4 (Sidehill/Chimney)
1331	J-4019	4,875.00	107	0	Zone-4 (Sidehill/Chimney)
489	J-4020S	4,930.00	83	2	Zone-4 (Sidehill/Chimney)
490	J-4021S	4,900.00	96	0	Zone-4 (Sidehill/Chimney)

Phase 1

Village 1-PRV Req'd

	J-4022C	4,943.00	78	3	Zone-4 (Sidehill/Chimney)
496	J-4023C	4,959.00	71	3	Zone-4 (Sidehill/Chimney)
493	J-4024C	4,929.00	84	3	Zone-4 (Sidehill/Chimney)
494	J-4025C	4,927.00	85	1	Zone-4 (Sidehill/Chimney)
495	J-4026C	4,900.00	96	0	Zone-4 (Sidehill/Chimney)
497	J-4027C	4,971.00	65	3	Zone-4 (Sidehill/Chimney)
498	J-4028C	4,999.00	53	2	Zone-4 (Sidehill/Chimney)
499	J-4029C	4,966.00	68	3	Zone-4 (Sidehill/Chimney)
500	J-4030C	4,963.00	69	2	Zone-4 (Sidehill/Chimney)
505	J-4031C	4,980.00	62	1	Zone-4 (Sidehill/Chimney)
501	J-4032C	4,961.00	70	4	Zone-4 (Sidehill/Chimney)
502	J-4033C	4,938.00	80	5	Zone-4 (Sidehill/Chimney)
504	J-4034C	4,914.00	90	7	Zone-4 (Sidehill/Chimney)
503	J-4035C	4,917.00	89	1	Zone-4 (Sidehill/Chimney)
491	J-4036C	4,921.00	87	2	Zone-4 (Sidehill/Chimney)
492	J-4037C	4,925.00	85	0	Zone-4 (Sidehill/Chimney)
506	J-4038C	4,928.00	84	5	Zone-4 (Sidehill/Chimney)
507	J-4039C	4,923.00	86	3	Zone-4 (Sidehill/Chimney)
512	J-4040C	4,963.00	69	4	Zone-4 (Sidehill/Chimney)
513	J-4041C	4,975.00	64	0	Zone-4 (Sidehill/Chimney)
510	J-4042C	4,952.00	74	7	Zone-4 (Sidehill/Chimney)
511	J-4043C	4,987.00	59	3	Zone-4 (Sidehill/Chimney)
509	J-4044C	4,911.00	91	8	Zone-4 (Sidehill/Chimney)
508	J-4045C	4,911.00	91	3	Zone-4 (Sidehill/Chimney)
514	J-4046C	4,963.00	69	2	Zone-4 (Sidehill/Chimney)
515	J-4047C	4,968.00	67	5	Zone-4 (Sidehill/Chimney)
516	J-4048C	5,004.00	51	4	Zone-4 (Sidehill/Chimney)
517	J-4049C	5,010.00	49	0	Zone Exempt
518	J-4050C	5,100.00	10	0	Zone Exempt
523	J-4051C	5,011.00	48	5	Zone-4 (Sidehill/Chimney)
521	J-4052C	4,993.00	56	6	Zone-4 (Sidehill/Chimney)
522	J-4053C	4,961.00	70	4	Zone-4 (Sidehill/Chimney)
520	J-4054C	4,959.00	71	6	Zone-4 (Sidehill/Chimney)
519	J-4055C	4,944.00	77	3	Zone-4 (Sidehill/Chimney)
524	J-4056C	4,917.00	89	6	Zone-4 (Sidehill/Chimney)
525	J-4057C	4,897.00	97	10	Zone-4 (Sidehill/Chimney)
526	J-4058C	4,884.00	103	3	Zone-4 (Sidehill/Chimney)
527	J-4059C	4,900.00	96	10	Zone-4 (Sidehill/Chimney)
528	J-4060C	4,897.00	97	3	Zone-4 (Sidehill/Chimney)
529	J-4061C	4,910.00	92	13	Zone-4 (Sidehill/Chimney)
530	J-4062C	4,923.00	86	15	Zone-4 (Sidehill/Chimney)
531	J-4063C	4,917.00	89	11	Zone-4 (Sidehill/Chimney)
532	J-4064C	4,915.00	90	0	Zone-4 (Sidehill/Chimney)
533	J-4065C	4,955.00	72	11	Zone-4 (Sidehill/Chimney)
534	J-4066C	4,892.00	100	4	Zone-4 (Sidehill/Chimney)
535	J-4067C	4,873.00	108	9	Zone-4 (Sidehill/Chimney)
536	J-4068C	4,910.00	92	12	Zone-4 (Sidehill/Chimney)
537	J-4069C	4,871.00	109	8	Zone-4 (Sidehill/Chimney)
538	J-4070C	4,889.00	101	3	Zone-4 (Sidehill/Chimney)
539	J-4071C	4,892.00	99	1	Zone-4 (Sidehill/Chimney)
540	J-4072C	4,902.00	95	0	Zone-4 (Sidehill/Chimney)
541	J-4073C	4,896.00	98	3	Zone-4 (Sidehill/Chimney)
542	J-4074C	4,906.00	93	4	Zone-4 (Sidehill/Chimney)
543	J-4075C	4,879.00	105	4	Zone-4 (Sidehill/Chimney)
545	J-4076C	4,851.00	117	4	Zone-4 (Sidehill/Chimney)
546	J-4077C	4,851.00	117	7	Zone-4 (Sidehill/Chimney)
544	J-4078C	4,892.00	99	6	Zone-4 (Sidehill/Chimney)
553	J-4079S	4,935.00	81	0	Zone-4 (Sidehill/Chimney)
554	J-4080S	4,935.00	81	0	Zone-4 (Sidehill/Chimney)
555	J-4081S	4,930.00	83	0	Zone-4 (Sidehill/Chimney)
578	J-4085S	4,983.00	60	3	Zone-4 (Sidehill/Chimney)
580	J-4086S	4,890.00	101	3	Zone-4 (Sidehill/Chimney)
619	J-4087C	5,100.00	10	0	Zone Exempt
1409	J-4106 School	4,915.00	90	0	Zone-4 (Sidehill/Chimney)
1431	J-4107 School	4,915.00	90	0	Zone-4 (Sidehill/Chimney)
1437	J-4108 School	4,933.30	82	0	Zone-4 (Sidehill/Chimney)
1821	J-4500	4,964.00	68	6	Zone-4 (Sidehill/Chimney)

PW2

	J-4501	4,956.00	71	7	Zone-4 (Sidehill/Chimney)
1824	J-4502	4,948.00	75	6	Zone-4 (Sidehill/Chimney)
1826	J-4503	4,943.00	77	5	Zone-4 (Sidehill/Chimney)
1828	J-4504	4,970.00	65	8	Zone-4 (Sidehill/Chimney)
1830	J-4505	4,984.00	59	8	Zone-4 (Sidehill/Chimney)
1832	J-4506	4,984.00	59	8	Zone-4 (Sidehill/Chimney)
1834	J-4507	4,981.00	61	8	Zone-4 (Sidehill/Chimney)
1839	J-4508	4,956.00	71	8	Zone-4 (Sidehill/Chimney)
1841	J-4509	4,942.00	77	6	Zone-4 (Sidehill/Chimney)
1843	J-4510	4,930.00	83	6	Zone-4 (Sidehill/Chimney)
1845	J-4511	4,920.00	87	4	Zone-4 (Sidehill/Chimney)
1847	J-4512	4,934.00	81	2	Zone-4 (Sidehill/Chimney)
1849	J-4513	4,922.00	86	8	Zone-4 (Sidehill/Chimney)
1851	J-4514	4,880.00	104	9	Zone-4 (Sidehill/Chimney)
1853	J-4515	4,908.00	92	7	Zone-4 (Sidehill/Chimney)
1855	J-4516	4,944.00	77	9	Zone-4 (Sidehill/Chimney)
1857	J-4517	4,950.00	74	4	Zone-4 (Sidehill/Chimney)
1859	J-4518	4,938.00	79	2	Zone-4 (Sidehill/Chimney)
1861	J-4519	4,940.00	78	5	Zone-4 (Sidehill/Chimney)
1863	J-4520	4,906.00	93	3	Zone-4 (Sidehill/Chimney)
1865	J-4521	4,928.00	84	2	Zone-4 (Sidehill/Chimney)
1867	J-4522	4,944.00	77	5	Zone-4 (Sidehill/Chimney)
1870	J-4523	4,896.00	97	3	Zone-4 (Sidehill/Chimney)
1872	J-4524	4,976.00	63	6	Zone-4 (Sidehill/Chimney)
1874	J-4525	4,969.00	66	8	Zone-4 (Sidehill/Chimney)
1876	J-4526	4,959.00	70	8	Zone-4 (Sidehill/Chimney)
1878	J-4527	4,952.00	73	6	Zone-4 (Sidehill/Chimney)
1881	J-4528	4,970.00	65	7	Zone-4 (Sidehill/Chimney)
1883	J-4529	4,942.00	77	10	Zone-4 (Sidehill/Chimney)
1887	J-4530	4,902.00	95	3	Zone-4 (Sidehill/Chimney)
1889	J-4531	4,918.00	88	5	Zone-4 (Sidehill/Chimney)
1891	J-4532	4,942.00	77	7	Zone-4 (Sidehill/Chimney)
1893	J-4533	4,966.00	67	5	Zone-4 (Sidehill/Chimney)
1896	J-4534	4,917.00	88	12	Zone-4 (Sidehill/Chimney)
1901	J-4535	4,950.00	74	4	Zone-4 (Sidehill/Chimney)
1903	J-4536	4,932.00	82	6	Zone-4 (Sidehill/Chimney)
1905	J-4537	4,952.00	73	5	Zone-4 (Sidehill/Chimney)
1907	J-4538	4,968.00	66	6	Zone-4 (Sidehill/Chimney)
1313	J-5001	5,066.00	69	1	Zone 5 (West7th)
587	J-6001	5,106.13	86	0	Zone 6 (Boundary)
589	J-6002	5,154.57	65	7	Zone 6 (Boundary)
608	J-6003	5,179.37	54	3	Zone 6 (Boundary)
590	J-6004	5,152.08	66	8	Zone 6 (Boundary)
609	J-6005	5,155.32	64	7	Zone 6 (Boundary)
610	J-6006	5,168.84	59	5	Zone 6 (Boundary)
591	J-6007	5,142.51	70	6	Zone 6 (Boundary)
592	J-6008	5,123.20	78	7	Zone 6 (Boundary)
611	J-6009	5,136.51	73	3	Zone 6 (Boundary)
612	J-6010	5,115.09	82	3	Zone 6 (Boundary)
1458	J-6011	5,131.00	75	5	Zone 6 (Boundary)
1460	J-6012	5,146.00	68	1	Zone 6 (Boundary)
1481	J-6024	5,190.00	49	5	Zone 6 (Boundary)
1483	J-6028	5,174.00	56	6	Zone 6 (Boundary)
1485	J-6029	5,148.00	68	6	Zone 6 (Boundary)
1487	J-6030	5,152.00	66	6	Zone 6 (Boundary)
1505	J-6031	5,160.00	62	4	Zone 6 (Boundary)
1490	J-6032	5,154.00	65	3	Zone 6 (Boundary)
588	J-6034	5,194.00	48	0	Zone Exempt
1308	J-6045	5,066.00	103	0	Zone Exempt
586	J-6046	4,900.00	175	0	Zone Exempt
1536	J-6047	5,200.00	45	5	Zone 6 (Boundary)
1538	J-6048	5,210.00	41	6	Zone 6 (Boundary)
1540	J-6049	5,212.00	40	2	Zone 6 (Boundary)
1542	J-6050	5,164.00	61	8	Zone 6 (Boundary)
1544	J-6051	5,178.00	55	6	Zone 6 (Boundary)
1547	J-6052	5,144.00	69	5	Zone 6 (Boundary)
1553	J-6053	5,144.00	69	3	Zone 6 (Boundary)

Phase 2

	J-6054	5,138.00	72	5	Zone 6 (Boundary)
1551	J-6055	5,145.00	69	4	Zone 6 (Boundary)
1555	J-6056	5,120.00	80	5	Zone 6 (Boundary)
1557	J-6057	5,120.00	80	7	Zone 6 (Boundary)
1559	J-6058	5,134.00	74	8	Zone 6 (Boundary)
1321	J-Section 5.3.2	4,704.00	88	0	Zone 6 (Boundary)
1401	J-Tangberg	4,928.00	84	0	Zone-4 (Sidehill/Chimney)

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Residual Pressures
Peak Hour

Scenario Summary Report
Scenario: Existing SVGID System + 5 Ridges

Scenario Summary

ID	64
Label	Existing SVGID System + 5 Ridges
Notes	
Active Topology	Base-Active Topology
Physical	Existing System
Demand	8750 Peak Hour Demand
Initial Settings	Existing System Pumps OFF Tanks at LWL
Operational	Base
Age	Base-Age Alternative
Constituent	Base-Constituent
Trace	Base-Trace Alternative
Fire Flow	All Nodes
Energy Cost	Base-Energy Cost
Transient	Base Transient
Pressure Dependent Demand	Base Pressure Dependent Demand
Failure History	Base Failure History
SCADA	Base SCADA
User Data Extensions	Base-User Data
Steady State/EPS Solver Calculation Options	Proposed SVGID System
Transient Solver Calculation Options	Base Calculation Options

Hydraulic Summary

Time Analysis Type	Steady State	Use simple controls during steady state?	True
Friction Method	Hazen-Williams	Is EPS Snapshot?	False
Accuracy	0.001	Start Time	12:00:00 AM
Trials	40	Calculation Type	Fire Flow

Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
FlexTable: Tank Table

Label	Zone	Elevation (Base) (ft)	Elevation (Minimum) (ft)	Elevation (Initial) (ft)	Elevation (Maximum) (ft)	Diameter (ft)	Volume Full (Calculated) (gal)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
Eastside	Zone-1-2-3	4,963.00	4,963.00	4,989.25	4,992.92	90.00	1,423,863.12	1,281	4,989.25
Chocolate	Zone-1-2-3	4,964.25	4,964.25	4,989.25	4,992.92	74.00	922,386.13	698	4,989.25
Klondike	Zone-1-2-3	4,968.00	4,968.00	4,989.25	4,992.92	107.00	1,676,243.96	1,789	4,989.25
Juniper Terr. Tank	Zone-1-2-3	4,952.29	4,952.29	4,974.94	4,974.94	60.00	479,062.68	0	4,974.94
Sidehill	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,123.59	5,134.41	40.00	285,863.06	173	5,123.59
Chimney 1	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,123.59	5,135.09	40.00	292,255.26	389	5,123.59
Westside Tank	Zone-3 (Chocolate)	4,961.90	4,961.90	4,989.25	4,992.92	90.00	1,476,211.03	1,258	4,989.25
Boundary Tank	Zone 6 (Boundary)	5,279.50	5,279.50	5,304.50	5,315.50	80.00	1,353,642.89	255	5,304.50
Chimney 2	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,123.59	5,135.09	75.00	1,027,459.90	385	5,123.59

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Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
FlexTable: Junction Table

ID	Label	Elevation (ft)	Pressure (psi)	Demand (gpm)	Zone
127	J-1001	4,639.00	55	7	Zone-1 (Southern)
131	J-1002	4,662.00	45	9	Zone-1 (Southern)
132	J-1003	4,649.00	51	2	Zone-1 (Southern)
128	J-1004	4,662.00	45	7	Zone-1 (Southern)
133	J-1005	4,653.00	49	1	Zone-1 (Southern)
129	J-1006	4,664.00	44	7	Zone-1 (Southern)
130	J-1007	4,661.00	46	2	Zone-1 (Southern)
134	J-1008	4,635.00	57	9	Zone-1 (Southern)
135	J-1009	4,621.00	63	15	Zone-1 (Southern)
139	J-1010	4,618.00	64	5	Zone-1 (Southern)
136	J-1011	4,625.00	61	5	Zone-1 (Southern)
138	J-1012	4,619.00	64	11	Zone-1 (Southern)
137	J-1013	4,625.00	61	7	Zone-1 (Southern)
140	J-1014	4,658.00	47	6	Zone-1 (Southern)
141	J-1015	4,665.00	44	6	Zone-1 (Southern)
142	J-1016	4,636.00	57	13	Zone-1 (Southern)
143	J-1017	4,639.00	55	23	Zone-1 (Southern)
144	J-1018	4,651.00	50	14	Zone-1 (Southern)
145	J-1019	4,653.00	49	2	Zone-1 (Southern)
146	J-1020	4,653.00	49	8	Zone-1 (Southern)
148	J-1021	4,662.00	45	3	Zone-1 (Southern)
147	J-1022	4,659.00	47	1	Zone-1 (Southern)
149	J-2001	4,720.00	73	9	Zone-1 (Southern)
150	J-2002	4,710.00	78	11	Zone-2 (Central)
151	J-2003	4,710.00	78	6	Zone-2 (Central)
152	J-2004	4,700.00	82	6	Zone-2 (Central)
153	J-2005	4,667.00	96	8	Zone-2 (Central)
155	J-2006	4,664.00	97	9	Zone-2 (Central)
154	J-2007	4,649.00	104	60	Zone-2 (Central)
157	J-2008	4,659.00	100	7	Zone-2 (Central)
158	J-2009	4,664.00	98	3	Zone-2 (Central)
159	J-2010	4,655.00	102	7	Zone-2 (Central)
161	J-2011	4,675.00	93	92	Zone-2 (Central)
162	J-2012	4,696.00	83	31	Zone-2 (Central)
163	J-2013	4,716.00	75	34	Zone-2 (Central)
164	J-2014	4,745.00	62	78	Zone-2 (Central)
165	J-2015	4,776.00	49	11	Zone-2 (Central)
166	J-2016	4,696.00	83	34	Zone-2 (Central)
167	J-2017	4,700.00	81	14	Zone-2 (Central)
168	J-2018	4,696.00	83	26	Zone-2 (Central)
169	J-2019	4,727.00	70	21	Zone-2 (Central)
190	J-2020	4,730.00	68	23	Zone-2 (Central)
170	J-2021	4,737.00	65	17	Zone-2 (Central)
175	J-2022	4,773.00	49	6	Zone-2 (Central)
171	J-2023	4,740.00	64	10	Zone-2 (Central)
172	J-2024	4,747.00	61	15	Zone-2 (Central)
174	J-2025	4,806.00	35	9	Zone-2 (Central)
173	J-2026	4,744.00	62	6	Zone-2 (Central)
176	J-2027	4,727.00	69	16	Zone-2 (Central)
179	J-2028	4,732.00	67	26	Zone-2 (Central)
177	J-2029	4,747.00	61	11	Zone-2 (Central)
178	J-2030	4,762.00	54	15	Zone-2 (Central)
180	J-2031	4,741.00	63	19	Zone-2 (Central)
191	J-2032	4,740.00	64	3	Zone-2 (Central)
181	J-2033	4,745.00	62	16	Zone-2 (Central)
182	J-2034	4,753.00	58	13	Zone-2 (Central)
183	J-2035	4,763.00	54	23	Zone-2 (Central)

186	J-2036	4,751.00	59	21	Zone-2 (Central)
192	J-2037	4,735.00	66	9	Zone-2 (Central)
184	J-2038	4,758.00	56	11	Zone-2 (Central)
187	J-2039	4,760.00	55	19	Zone-2 (Central)
188	J-2040	4,779.00	47	9	Zone-2 (Central)
189	J-2041	4,790.00	42	7	Zone-2 (Central)
185	J-2042	4,797.00	39	15	Zone-2 (Central)
193	J-2043	4,810.00	34	4	Zone-2 (Central)
195	J-2044	4,667.00	97	23	Zone-2 (Central)
196	J-2045	4,651.00	104	3	Zone-2 (Central)
202	J-2046	4,664.00	99	7	Zone-2 (Central)
203	J-2047	4,662.00	99	14	Zone-2 (Central)
204	J-2048	4,654.00	103	7	Zone-2 (Central)
213	J-2049	4,664.00	99	9	Zone-2 (Central)
214	J-2050	4,671.00	96	9	Zone-2 (Central)
205	J-2051	4,671.00	96	9	Zone-2 (Central)
206	J-2052	4,696.00	85	9	Zone-2 (Central)
207	J-2053	4,703.00	82	9	Zone-2 (Central)
208	J-2054	4,717.00	76	5	Zone-2 (Central)
209	J-2055	4,701.00	83	5	Zone-2 (Central)
210	J-2056	4,721.00	74	6	Zone-2 (Central)
201	J-2057	4,672.00	96	14	Zone-2 (Central)
200	J-2058	4,681.00	92	9	Zone-2 (Central)
199	J-2059	4,682.00	91	11	Zone-2 (Central)
198	J-2060	4,685.00	90	14	Zone-2 (Central)
197	J-2061	4,687.00	89	15	Zone-2 (Central)
215	J-2062	4,681.00	92	3	Zone-2 (Central)
211	J-2063	4,674.00	95	12	Zone-2 (Central)
212	J-2064	4,678.00	95	12	Zone-2 (Central)
216	J-2065	4,697.00	84	13	Zone-2 (Central)
217	J-2066	4,701.00	82	14	Zone-2 (Central)
218	J-2067	4,708.00	78	22	Zone-2 (Central)
219	J-2068	4,696.00	84	6	Zone-2 (Central)
220	J-2069	4,703.00	81	11	Zone-2 (Central)
221	J-2070	4,706.00	80	14	Zone-2 (Central)
222	J-2071	4,730.00	69	28	Zone-2 (Central)
223	J-2072	4,737.00	66	18	Zone-2 (Central)
224	J-2073	4,729.00	70	14	Zone-2 (Central)
225	J-2074	4,719.00	74	13	Zone-2 (Central)
230	J-2075	4,727.00	71	32	Zone-2 (Central)
231	J-2076	4,746.00	63	26	Zone-2 (Central)
232	J-2077	4,750.00	61	14	Zone-2 (Central)
226	J-2078	4,713.00	78	9	Zone-2 (Central)
227	J-2079	4,706.00	82	10	Zone-2 (Central)
228	J-2080	4,701.00	84	16	Zone-2 (Central)
229	J-2081	4,710.00	80	13	Zone-2 (Central)
237	J-2082	4,718.00	76	19	Zone-2 (Central)
236	J-2083	4,722.00	74	16	Zone-2 (Central)
233	J-2084	4,740.00	65	11	Zone-2 (Central)
234	J-2085	4,736.00	67	14	Zone-2 (Central)
235	J-2086	4,731.00	70	13	Zone-2 (Central)
238	J-2087	4,770.00	52	16	Zone-2 (Central)
239	J-2088	4,770.00	52	13	Zone-2 (Central)
240	J-2089	4,784.00	46	7	Zone-2 (Central)
241	J-2090	4,777.00	49	21	Zone-2 (Central)
244	J-2091	4,743.00	64	17	Zone-2 (Central)
242	J-2092	4,759.00	57	13	Zone-2 (Central)
243	J-2093	4,759.00	57	3	Zone-2 (Central)
276	J-2094	4,681.00	99	7	Zone-2 (Central)
277	J-2095	4,681.00	101	11	Zone-2 (Central)
278	J-2096	4,687.00	95	21	Zone-2 (Central)
245	J-2097	4,692.00	91	10	Zone-2 (Central)
279	J-2098	4,700.00	96	4	Zone-2 (Central)
280	J-2099	4,700.00	96	15	Zone-2 (Central)
281	J-2100	4,681.00	107	3	Zone-2 (Central)
246	J-2101	4,693.00	91	30	Zone-2 (Central)
247	J-2102	4,708.00	81	33	Zone-2 (Central)

	J-2103	4,724.00	73	31	Zone-2 (Central)
249	J-2104	4,730.00	70	13	Zone-2 (Central)
251	J-2105	4,752.00	60	15	Zone-2 (Central)
250	J-2106	4,760.00	57	13	Zone-2 (Central)
297	J-2107	4,683.00	93	23	Zone-2 (Central)
300	J-2108	4,693.00	88	7	Zone-2 (Central)
299	J-2109	4,693.00	85	10	Zone-2 (Central)
298	J-2110	4,699.00	83	11	Zone-2 (Central)
285	J-2111	4,710.00	89	16	Zone-2 (Central)
286	J-2112	4,738.00	76	23	Zone-2 (Central)
291	J-2113	4,720.00	83	12	Zone-2 (Central)
270	J-2114	4,713.00	83	22	Zone-2 (Central)
269	J-2115	4,707.00	85	9	Zone-2 (Central)
267	J-2116	4,707.00	85	8	Zone-2 (Central)
266	J-2117	4,706.00	83	20	Zone-2 (Central)
265	J-2118	4,703.00	84	37	Zone-2 (Central)
261	J-2119	4,705.00	82	20	Zone-2 (Central)
252	J-2120	4,721.00	74	17	Zone-2 (Central)
257	J-2121	4,748.00	62	16	Zone-2 (Central)
256	J-2122	4,750.00	61	11	Zone-2 (Central)
290	J-2123	4,729.00	79	6	Zone-2 (Central)
287	J-2124	4,760.00	66	11	Zone-2 (Central)
289	J-2125	4,746.00	72	11	Zone-2 (Central)
288	J-2126	4,763.00	65	16	Zone-2 (Central)
292	J-2127	4,753.00	69	13	Zone-2 (Central)
293	J-2128	4,770.00	61	8	Zone-2 (Central)
294	J-2129	4,750.00	70	11	Zone-2 (Central)
295	J-2130	4,780.00	57	11	Zone-2 (Central)
296	J-2131	4,790.00	53	23	Zone-2 (Central)
271	J-2132	4,758.00	63	11	Zone-2 (Central)
272	J-2133	4,748.00	67	9	Zone-2 (Central)
273	J-2134	4,720.00	79	14	Zone-2 (Central)
268	J-2135	4,748.00	65	21	Zone-2 (Central)
263	J-2136	4,726.00	72	18	Zone-2 (Central)
264	J-2137	4,715.00	77	17	Zone-2 (Central)
254	J-2138	4,726.00	72	16	Zone-2 (Central)
253	J-2139	4,724.00	73	21	Zone-2 (Central)
262	J-2140	4,743.00	65	13	Zone-2 (Central)
255	J-2141	4,728.00	71	19	Zone-2 (Central)
259	J-2142	4,747.00	63	18	Zone-2 (Central)
258	J-2143	4,745.00	63	35	Zone-2 (Central)
260	J-2144	4,760.00	57	7	Zone-2 (Central)
339	J-2145	4,763.00	55	0	Zone-2 (Central)
338	J-2146	4,763.00	55	0	Zone-2 (Central)
552	J-2147	4,751.00	66	0	Zone-2 (Central)
556	J-2148	4,727.00	74	0	Zone-2 (Central)
558	J-2149	4,683.00	93	0	Zone-2 (Central)
560	J-2150	4,785.00	44	0	Zone-2 (Central)
557	J-2151	4,810.00	34	0	Zone-2 (Central)
1351	J-2152	4,729.75	70	0	Zone-2 (Central)
559	J-2153	4,756.00	57	0	Zone-2 (Central)
581	J-2154	4,755.00	59	0	Zone-2 (Central)
582	J-2155	4,760.00	57	0	Zone-2 (Central)
1327	J-2156	4,745.00	63	0	Zone-2 (Central)
1380	J-2157	4,681.00	105	0	Zone-2 (Central)
303	J-3001	4,648.00	144	0	Zone Exempt
304	J-3002	4,648.00	144	0	Zone Exempt
126	J-3003	4,645.00	145	0	Zone Exempt
305	J-3004	4,660.00	139	0	Zone Exempt
306	J-3005	4,660.00	139	3	Zone Exempt
160	J-3006	4,662.00	138	9	Zone Exempt
156	J-3007	4,720.00	114	17	Zone-3 (Chocolate)
307	J-3008	4,840.00	64	6	Zone-3 (Chocolate)
308	J-3010	4,860.00	55	9	Zone-3 (Chocolate)
309	J-3011	4,827.00	70	11	Zone-3 (Chocolate)
310	J-3012	4,799.00	81	17	Zone-3 (Chocolate)
311	J-3013	4,790.00	85	9	Zone-3 (Chocolate)

	J-3014	4,820.00	72	4	Zone-3 (Chocolate)
313	J-3015	4,820.00	72	9	Zone-3 (Chocolate)
314	J-3016	4,826.00	70	8	Zone-3 (Chocolate)
315	J-3017	4,835.00	66	8	Zone-3 (Chocolate)
194	J-3018	4,818.00	73	12	Zone-3 (Chocolate)
316	J-3019	4,835.00	66	48	Zone-3 (Chocolate)
317	J-3020	4,840.00	64	11	Zone-3 (Chocolate)
318	J-3021	4,826.00	69	5	Zone-3 (Chocolate)
319	J-3022	4,817.00	73	17	Zone-3 (Chocolate)
320	J-3023	4,825.00	69	12	Zone-3 (Chocolate)
321	J-3024	4,833.00	66	1	Zone-3 (Chocolate)
322	J-3025	4,833.00	66	6	Zone-3 (Chocolate)
328	J-3026	4,892.00	40	0	Zone Exempt
323	J-3027	4,801.00	79	18	Zone-3 (Chocolate)
324	J-3028	4,800.00	80	1	Zone-3 (Chocolate)
327	J-3029	4,827.00	68	11	Zone-3 (Chocolate)
326	J-3030	4,822.00	70	9	Zone-3 (Chocolate)
325	J-3031	4,801.00	79	6	Zone-3 (Chocolate)
329	J-3032	4,834.00	65	14	Zone-3 (Chocolate)
330	J-3033	4,862.00	53	15	Zone-3 (Chocolate)
331	J-3034	4,882.00	44	11	Zone-3 (Chocolate)
302	J-3035	4,648.00	144	0	Zone Exempt
332	J-3036	4,645.00	145	0	Zone Exempt
333	J-3037	4,662.00	138	6	Zone Exempt
334	J-3038	4,692.00	125	14	Zone Exempt
335	J-3039	4,776.00	90	12	Zone Exempt
336	J-3040	4,763.00	96	0	Zone Exempt
337	J-3041	4,763.00	96	19	Zone-3 (Chocolate)
340	J-3042	4,811.00	75	11	Zone-3 (Chocolate)
341	J-3043	4,811.00	75	10	Zone-3 (Chocolate)
342	J-3044	4,836.00	64	19	Zone-3 (Chocolate)
344	J-3045	4,792.00	83	11	Zone-3 (Chocolate)
343	J-3046	4,834.00	65	11	Zone-3 (Chocolate)
345	J-3047	4,784.00	86	6	Zone-3 (Chocolate)
347	J-3048	4,848.00	59	2	Zone-3 (Chocolate)
348	J-3049	4,863.00	52	16	Zone-3 (Chocolate)
349	J-3050	4,882.00	44	6	Zone-3 (Chocolate)
350	J-3051	4,909.00	32	3	Zone Exempt
351	J-3052	4,925.00	26	0	Zone Exempt
371	J-3053	4,925.00	26	1	Zone Exempt
372	J-3054	4,921.00	27	0	Zone Exempt
373	J-3055	4,950.00	15	0	Zone Exempt
374	J-3056	4,943.00	18	0	Zone Exempt
346	J-3057	4,813.00	74	19	Zone-3 (Chocolate)
352	J-3058	4,834.00	65	9	Zone-3 (Chocolate)
353	J-3059	4,853.00	57	9	Zone-3 (Chocolate)
354	J-3060	4,863.00	52	6	Zone-3 (Chocolate)
355	J-3061	4,863.00	52	2	Zone-3 (Chocolate)
356	J-3062	4,881.00	44	10	Zone-3 (Chocolate)
357	J-3063	4,877.00	46	13	Zone-3 (Chocolate)
358	J-3064	4,875.00	47	7	Zone-3 (Chocolate)
359	J-3065	4,888.00	41	4	Zone-3 (Chocolate)
360	J-3066	4,863.00	52	6	Zone-3 (Chocolate)
362	J-3067	4,843.00	61	10	Zone-3 (Chocolate)
361	J-3068	4,847.00	59	7	Zone-3 (Chocolate)
363	J-3069	4,821.00	70	10	Zone-3 (Chocolate)
364	J-3070	4,811.00	75	4	Zone-3 (Chocolate)
365	J-3071	4,807.00	76	0	Zone-3 (Chocolate)
366	J-3072	4,807.00	76	4	Zone-3 (Chocolate)
367	J-3073	4,790.00	84	14	Zone-3 (Chocolate)
368	J-3074	4,790.00	84	9	Zone-3 (Chocolate)
369	J-3075	4,779.00	88	24	Zone-3 (Chocolate)
370	J-3076	4,765.00	95	9	Zone-3 (Chocolate)
301	J-3077	4,759.00	97	1	Zone-3 (Chocolate)
375	J-3078	4,887.00	42	0	Zone Exempt
379	J-3079	4,876.00	47	6	Zone-3 (Chocolate)
380	J-3080	4,869.00	50	2	Zone-3 (Chocolate)

	J-3081	4,860.00	54	20	Zone-3 (Chocolate)
382	J-3082	4,848.00	59	21	Zone-3 (Chocolate)
383	J-3083	4,838.00	63	20	Zone-3 (Chocolate)
384	J-3084	4,828.00	67	19	Zone-3 (Chocolate)
385	J-3085	4,816.00	73	20	Zone-3 (Chocolate)
386	J-3086	4,804.00	78	20	Zone-3 (Chocolate)
387	J-3087	4,792.00	83	7	Zone-3 (Chocolate)
388	J-3088	4,792.00	83	12	Zone-3 (Chocolate)
389	J-3089	4,785.00	86	0	Zone-3 (Chocolate)
390	J-3090	4,785.00	86	4	Zone-3 (Chocolate)
392	J-3091	4,774.00	91	2	Zone-3 (Chocolate)
391	J-3092	4,774.00	91	0	Zone-3 (Chocolate)
393	J-3093	4,776.00	90	5	Zone-3 (Chocolate)
394	J-3094	4,784.00	86	10	Zone-3 (Chocolate)
395	J-3095	4,797.00	81	11	Zone-3 (Chocolate)
396	J-3096	4,810.00	75	15	Zone-3 (Chocolate)
397	J-3097	4,817.00	72	16	Zone-3 (Chocolate)
398	J-3098	4,826.00	68	1	Zone-3 (Chocolate)
399	J-3099	4,839.00	63	18	Zone-3 (Chocolate)
400	J-3100	4,848.00	59	12	Zone-3 (Chocolate)
401	J-3101	4,858.00	55	16	Zone-3 (Chocolate)
402	J-3102	4,867.00	51	11	Zone-3 (Chocolate)
403	J-3103	4,781.00	88	6	Zone-3 (Chocolate)
404	J-3104	4,781.00	88	13	Zone-3 (Chocolate)
405	J-3105	4,787.00	85	6	Zone-3 (Chocolate)
406	J-3106	4,789.00	84	19	Zone-3 (Chocolate)
407	J-3107	4,792.00	83	9	Zone-3 (Chocolate)
408	J-3108	4,798.00	80	10	Zone-3 (Chocolate)
409	J-3109	4,801.00	79	8	Zone-3 (Chocolate)
410	J-3110	4,806.00	77	1	Zone-3 (Chocolate)
411	J-3111	4,808.00	76	10	Zone-3 (Chocolate)
412	J-3112	4,814.00	74	10	Zone-3 (Chocolate)
413	J-3113	4,774.00	91	3	Zone-3 (Chocolate)
414	J-3114	4,763.00	95	19	Zone-3 (Chocolate)
275	J-3115	4,748.00	102	5	Zone-3 (Chocolate)
283	J-3116	4,675.00	130	0	Zone Exempt
282	J-3117	4,681.00	127	3	Zone Exempt
415	J-3118	4,681.00	128	3	Zone Exempt
416	J-3119	4,681.00	128	3	Zone Exempt
284	J-3120	4,700.00	120	0	Zone Exempt
417	J-3121	4,802.00	78	1	Zone-3 (Chocolate)
419	J-3122	4,751.00	100	4	Zone-3 (Chocolate)
420	J-3123	4,777.00	89	16	Zone-3 (Chocolate)
421	J-3124	4,773.00	90	21	Zone-3 (Chocolate)
422	J-3125	4,772.00	91	15	Zone-3 (Chocolate)
423	J-3126	4,773.00	90	19	Zone-3 (Chocolate)
424	J-3127	4,775.00	89	10	Zone-3 (Chocolate)
425	J-3128	4,777.00	89	11	Zone-3 (Chocolate)
426	J-3129	4,781.00	87	9	Zone-3 (Chocolate)
427	J-3130	4,765.00	94	10	Zone-3 (Chocolate)
428	J-3131	4,766.00	93	28	Zone-3 (Chocolate)
429	J-3132	4,759.00	96	21	Zone-3 (Chocolate)
430	J-3133	4,766.00	93	20	Zone-3 (Chocolate)
431	J-3134	4,768.00	93	16	Zone-3 (Chocolate)
432	J-3135	4,766.00	93	32	Zone-3 (Chocolate)
433	J-3136	4,762.00	95	6	Zone-3 (Chocolate)
434	J-3137	4,759.00	96	30	Zone-3 (Chocolate)
435	J-3138	4,755.00	98	22	Zone-3 (Chocolate)
436	J-3139	4,760.00	96	21	Zone-3 (Chocolate)
437	J-3140	4,766.00	93	21	Zone-3 (Chocolate)
438	J-3141	4,780.00	87	7	Zone-3 (Chocolate)
439	J-3142	4,770.00	92	0	Zone-3 (Chocolate)
440	J-3143	4,770.00	92	1	Zone-3 (Chocolate)
463	J-3144	4,766.00	94	3	Zone-3 (Chocolate)
441	J-3145	4,771.00	92	3	Zone-3 (Chocolate)
442	J-3146	4,770.00	92	8	Zone-3 (Chocolate)
449	J-3147	4,770.00	92	0	Zone-3 (Chocolate)

	J-3148	4,771.00	92	6	Zone-3 (Chocolate)
443	J-3149	4,758.00	97	37	Zone-3 (Chocolate)
444	J-3150	4,758.00	97	17	Zone-3 (Chocolate)
445	J-3151	4,760.00	96	19	Zone-3 (Chocolate)
446	J-3152	4,755.00	98	23	Zone-3 (Chocolate)
447	J-3153	4,755.00	98	17	Zone-3 (Chocolate)
418	J-3154	4,810.00	75	5	Zone-3 (Chocolate)
450	J-3155	4,779.00	88	7	Zone-3 (Chocolate)
451	J-3156	4,770.00	92	1	Zone-3 (Chocolate)
274	J-3157	4,770.00	92	0	Zone-3 (Chocolate)
376	J-3158	4,880.00	45	9	Zone Exempt
377	J-3159	4,861.00	54	11	Zone-3 (Chocolate)
378	J-3160	4,869.00	50	23	Zone-3 (Chocolate)
452	J-3161	4,840.00	63	1	Zone-3 (Chocolate)
453	J-3162	4,834.00	66	19	Zone-3 (Chocolate)
454	J-3163	4,843.00	62	3	Zone-3 (Chocolate)
455	J-3164	4,820.00	71	11	Zone-3 (Chocolate)
456	J-3165	4,882.00	44	8	Zone-3 (Chocolate)
466	J-3167	4,848.00	61	4	Zone-3 (Chocolate)
464	J-3168	4,870.00	51	7	Zone-3 (Chocolate)
465	J-3169	4,843.00	63	13	Zone-3 (Chocolate)
467	J-3170	4,870.00	51	6	Zone-3 (Chocolate)
468	J-3171	4,949.00	15	0	Zone Exempt
458	J-3172	4,648.00	144	0	Zone Exempt
461	J-3173	4,648.00	40	0	Zone Exempt
460	J-3174	4,648.00	144	0	Zone Exempt
459	J-3175	4,648.00	144	0	Zone Exempt
462	J-3176	4,648.00	40	0	Zone Exempt
547	J-3177	4,780.00	89	0	Zone-3 (Chocolate)
548	J-3178	4,780.00	89	0	Zone-3 (Chocolate)
583	J-3180	4,835.00	66	0	Zone-3 (Chocolate)
550	J-3181	4,750.00	102	0	Zone Exempt
549	J-3182	4,817.00	73	0	Zone Exempt
561	J-3183	4,762.00	95	6	Zone-3 (Chocolate)
562	J-3184	4,816.70	72	10	Zone-3 (Chocolate)
563	J-3185	4,842.90	60	11	Zone-3 (Chocolate)
564	J-3186	4,868.30	49	44	Zone-3 (Chocolate)
569	J-3191	4,844.00	60	42	Zone-3 (Chocolate)
570	J-3192	4,828.00	67	8	Zone-3 (Chocolate)
572	J-3193	4,807.00	76	6	Zone-3 (Chocolate)
571	J-3194	4,807.00	76	5	Zone-3 (Chocolate)
573	J-3195	4,828.00	67	5	Zone-3 (Chocolate)
584	J-3198	4,900.00	38	0	Zone Exempt
585	J-3199	4,900.00	38	0	Zone Exempt
1368	J-3200	4,875.00	47	0	Zone-3 (Chocolate)
1370	J-3201	4,863.00	53	0	Zone-3 (Chocolate)
1914	J-3500	4,967.50	9	0	Zone Exempt
1911	J-3501	4,942.00	20	0	Zone Exempt
1917	J-3502	4,892.00	41	0	Zone Exempt
1919	J-3503	4,866.00	53	8	Zone-3 (Chocolate)
1922	J-3504	4,841.00	63	0	Zone-3 (Chocolate)
1924	J-3505	4,844.00	62	13	Zone-3 (Chocolate)
1927	J-3506	4,824.00	71	6	Zone-3 (Chocolate)
1929	J-3507	4,834.00	66	7	Zone-3 (Chocolate)
1932	J-3508	4,846.00	61	9	Zone-3 (Chocolate)
1934	J-3509	4,858.00	56	9	Zone-3 (Chocolate)
1936	J-3510	4,869.00	51	10	Zone-3 (Chocolate)
1938	J-3511	4,880.00	46	8	Zone-3 (Chocolate)
1940	J-3512	4,870.00	51	9	Zone-3 (Chocolate)
1942	J-3513	4,857.00	56	9	Zone-3 (Chocolate)
1944	J-3514	4,844.00	62	10	Zone-3 (Chocolate)
1946	J-3515	4,828.00	69	9	Zone-3 (Chocolate)
1948	J-3516	4,819.00	73	7	Zone-3 (Chocolate)
1952	J-3517	4,823.00	71	7	Zone-3 (Chocolate)
1954	J-3518	4,820.00	72	0	Zone-3 (Chocolate)
1956	J-3519	4,809.00	77	0	Zone-3 (Chocolate)
1958	J-3520	4,791.00	85	8	Zone-3 (Chocolate)

Phase 1

	J-3521	4,777.00	91	10	Zone-3 (Chocolate)
1962	J-3522	4,773.00	93	9	Zone-3 (Chocolate)
1964	J-3523	4,778.00	90	6	Zone-3 (Chocolate)
1966	J-3524	4,783.00	88	9	Zone-3 (Chocolate)
1968	J-3525	4,783.00	88	6	Zone-3 (Chocolate)
1970	J-3526	4,783.00	88	7	Zone-3 (Chocolate)
1972	J-3527	4,778.00	90	12	Zone-3 (Chocolate)
1974	J-3528	4,774.00	92	8	Zone-3 (Chocolate)
1977	J-3529	4,778.00	90	6	Zone-3 (Chocolate)
1980	J-3530	4,784.00	88	6	Zone-3 (Chocolate)
1982	J-3531	4,790.00	85	12	Zone-3 (Chocolate)
1984	J-3532	4,797.00	82	11	Zone-3 (Chocolate)
1986	J-3533	4,801.00	80	8	Zone-3 (Chocolate)
1988	J-3534	4,804.00	79	9	Zone-3 (Chocolate)
1990	J-3535	4,808.00	77	13	Zone-3 (Chocolate)
1992	J-3536	4,811.00	76	8	Zone-3 (Chocolate)
1994	J-3537	4,807.00	78	8	Zone-3 (Chocolate)
1996	J-3538	4,802.00	80	6	Zone-3 (Chocolate)
1998	J-3539	4,801.00	80	10	Zone-3 (Chocolate)
2002	J-3540	4,804.00	79	7	Zone-3 (Chocolate)
2005	J-3541	4,804.00	79	9	Zone-3 (Chocolate)
2008	J-3542	4,792.00	84	6	Zone-3 (Chocolate)
2010	J-3543	4,830.00	68	5	Zone-3 (Chocolate)
2012	J-3544	4,848.00	60	10	Zone-3 (Chocolate)
2014	J-3545	4,838.00	64	9	Zone-3 (Chocolate)
2016	J-3546	4,816.00	74	4	Zone-3 (Chocolate)
2018	J-3547	4,840.00	64	6	Zone-3 (Chocolate)
2023	J-3549	4,812.00	76	9	Zone-3 (Chocolate)
2025	J-3550	4,790.00	85	7	Zone-3 (Chocolate)
2027	J-3551	4,798.00	82	2	Zone-3 (Chocolate)
2029	J-3552	4,808.00	77	1	Zone-3 (Chocolate)
2031	J-3553	4,802.00	80	6	Zone-3 (Chocolate)
2034	J-3554	4,848.00	60	7	Zone-3 (Chocolate)
2036	J-3555	4,856.00	57	7	Zone-3 (Chocolate)
2041	J-3556	4,785.00	87	0	Zone-3 (Chocolate)
2044	J-3557	4,834.00	66	6	Zone-3 (Chocolate)
2048	J-3559	4,744.00	105	0	Zone-3 (Chocolate)
2050	J-3560	4,654.00	144	46	Zone-1 (Southern)
2053	J-3561	4,816.00	74	6	Zone-3 (Chocolate)
2061	J-3564	4,832.00	67	11	Zone-3 (Chocolate)
2064	J-3565	4,840.00	64	6	Zone-3 (Chocolate)
2076	J-3566	4,962.00	12	0	Zone Exempt
2081	J-3569	4,800.00	79	207	Zone-3 (Chocolate)
2083	J-3570	4,962.00	12	207	Zone Exempt
2102	J-3579	4,823.52	71	0	Zone-2 (Central)
2115	J-3580	4,800.00	79	0	Zone-3 (Chocolate)
470	J-4001S	4,890.00	100	3	Zone-4 (Sidehill/Chimney)
471	J-4002S	4,877.00	105	9	Zone-4 (Sidehill/Chimney)
472	J-4003S	4,893.00	98	14	Zone-4 (Sidehill/Chimney)
473	J-4004S	4,897.00	97	10	Zone-4 (Sidehill/Chimney)
474	J-4005S	4,899.00	96	3	Zone-4 (Sidehill/Chimney)
475	J-4006S	4,899.00	96	1	Zone-4 (Sidehill/Chimney)
476	J-4007S	4,890.00	100	3	Zone-4 (Sidehill/Chimney)
477	J-4008S	4,953.00	73	6	Zone-4 (Sidehill/Chimney)
478	J-4009S	4,942.00	77	3	Zone-4 (Sidehill/Chimney)
479	J-4010S	4,908.00	92	6	Zone-4 (Sidehill/Chimney)
480	J-4011S	4,928.00	84	5	Zone-4 (Sidehill/Chimney)
481	J-4012S	4,959.00	71	8	Zone-4 (Sidehill/Chimney)
482	J-4013S	5,002.00	52	3	Zone-4 (Sidehill/Chimney)
483	J-4014S	5,100.00	10	0	Zone Exempt
484	J-4015S	4,897.00	97	3	Zone-4 (Sidehill/Chimney)
485	J-4016S	4,897.00	97	5	Zone-4 (Sidehill/Chimney)
486	J-4017S	4,885.00	102	6	Zone-4 (Sidehill/Chimney)
487	J-4018	4,885.00	102	6	Zone-4 (Sidehill/Chimney)
1331	J-4019	4,875.00	106	0	Zone-4 (Sidehill/Chimney)
489	J-4020S	4,930.00	82	3	Zone-4 (Sidehill/Chimney)
490	J-4021S	4,900.00	95	1	Zone-4 (Sidehill/Chimney)

	J-4022C	4,943.00	77	5	Zone-4 (Sidehill/Chimney)
496	J-4023C	4,959.00	70	5	Zone-4 (Sidehill/Chimney)
493	J-4024C	4,929.00	83	5	Zone-4 (Sidehill/Chimney)
494	J-4025C	4,927.00	84	2	Zone-4 (Sidehill/Chimney)
495	J-4026C	4,900.00	95	0	Zone-4 (Sidehill/Chimney)
497	J-4027C	4,971.00	65	5	Zone-4 (Sidehill/Chimney)
498	J-4028C	4,999.00	52	3	Zone-4 (Sidehill/Chimney)
499	J-4029C	4,966.00	67	6	Zone-4 (Sidehill/Chimney)
500	J-4030C	4,963.00	68	3	Zone-4 (Sidehill/Chimney)
505	J-4031C	4,980.00	61	2	Zone-4 (Sidehill/Chimney)
501	J-4032C	4,961.00	69	6	Zone-4 (Sidehill/Chimney)
502	J-4033C	4,938.00	79	8	Zone-4 (Sidehill/Chimney)
504	J-4034C	4,914.00	89	12	Zone-4 (Sidehill/Chimney)
503	J-4035C	4,917.00	88	2	Zone-4 (Sidehill/Chimney)
491	J-4036C	4,921.00	86	3	Zone-4 (Sidehill/Chimney)
492	J-4037C	4,925.00	84	1	Zone-4 (Sidehill/Chimney)
506	J-4038C	4,928.00	83	9	Zone-4 (Sidehill/Chimney)
507	J-4039C	4,923.00	85	6	Zone-4 (Sidehill/Chimney)
512	J-4040C	4,963.00	68	6	Zone-4 (Sidehill/Chimney)
513	J-4041C	4,975.00	63	1	Zone-4 (Sidehill/Chimney)
510	J-4042C	4,952.00	73	11	Zone-4 (Sidehill/Chimney)
511	J-4043C	4,987.00	58	6	Zone-4 (Sidehill/Chimney)
509	J-4044C	4,911.00	90	14	Zone-4 (Sidehill/Chimney)
508	J-4045C	4,911.00	90	6	Zone-4 (Sidehill/Chimney)
514	J-4046C	4,963.00	68	4	Zone-4 (Sidehill/Chimney)
515	J-4047C	4,968.00	66	9	Zone-4 (Sidehill/Chimney)
516	J-4048C	5,004.00	50	6	Zone-4 (Sidehill/Chimney)
517	J-4049C	5,010.00	48	1	Zone Exempt
518	J-4050C	5,100.00	10	0	Zone Exempt
523	J-4051C	5,011.00	47	8	Zone-4 (Sidehill/Chimney)
521	J-4052C	4,993.00	55	11	Zone-4 (Sidehill/Chimney)
522	J-4053C	4,961.00	69	7	Zone-4 (Sidehill/Chimney)
520	J-4054C	4,959.00	70	10	Zone-4 (Sidehill/Chimney)
519	J-4055C	4,944.00	76	6	Zone-4 (Sidehill/Chimney)
524	J-4056C	4,917.00	88	10	Zone-4 (Sidehill/Chimney)
525	J-4057C	4,897.00	96	18	Zone-4 (Sidehill/Chimney)
526	J-4058C	4,884.00	102	4	Zone-4 (Sidehill/Chimney)
527	J-4059C	4,900.00	95	18	Zone-4 (Sidehill/Chimney)
528	J-4060C	4,897.00	96	4	Zone-4 (Sidehill/Chimney)
529	J-4061C	4,910.00	91	22	Zone-4 (Sidehill/Chimney)
530	J-4062C	4,923.00	85	25	Zone-4 (Sidehill/Chimney)
531	J-4063C	4,917.00	88	19	Zone-4 (Sidehill/Chimney)
532	J-4064C	4,915.00	88	0	Zone-4 (Sidehill/Chimney)
533	J-4065C	4,955.00	71	19	Zone-4 (Sidehill/Chimney)
534	J-4066C	4,892.00	98	7	Zone-4 (Sidehill/Chimney)
535	J-4067C	4,873.00	107	15	Zone-4 (Sidehill/Chimney)
536	J-4068C	4,910.00	90	20	Zone-4 (Sidehill/Chimney)
537	J-4069C	4,871.00	107	14	Zone-4 (Sidehill/Chimney)
538	J-4070C	4,889.00	100	4	Zone-4 (Sidehill/Chimney)
539	J-4071C	4,892.00	98	2	Zone-4 (Sidehill/Chimney)
540	J-4072C	4,902.00	94	0	Zone-4 (Sidehill/Chimney)
541	J-4073C	4,896.00	97	6	Zone-4 (Sidehill/Chimney)
542	J-4074C	4,906.00	92	7	Zone-4 (Sidehill/Chimney)
543	J-4075C	4,879.00	104	7	Zone-4 (Sidehill/Chimney)
545	J-4076C	4,851.00	116	7	Zone-4 (Sidehill/Chimney)
546	J-4077C	4,851.00	116	11	Zone-4 (Sidehill/Chimney)
544	J-4078C	4,892.00	98	11	Zone-4 (Sidehill/Chimney)
553	J-4079S	4,935.00	80	0	Zone-4 (Sidehill/Chimney)
554	J-4080S	4,935.00	80	0	Zone-4 (Sidehill/Chimney)
555	J-4081S	4,930.00	82	0	Zone-4 (Sidehill/Chimney)
578	J-4085S	4,983.00	60	6	Zone-4 (Sidehill/Chimney)
580	J-4086S	4,890.00	100	5	Zone-4 (Sidehill/Chimney)
619	J-4087C	5,100.00	10	0	Zone Exempt
1409	J-4106 School	4,915.00	88	0	Zone-4 (Sidehill/Chimney)
1431	J-4107 School	4,915.00	88	0	Zone-4 (Sidehill/Chimney)
1437	J-4108 School	4,933.30	80	1	Zone-4 (Sidehill/Chimney)
1821	J-4500	4,964.00	66	10	Zone-4 (Sidehill/Chimney)

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Phase 2

	J-4501	4,956.00	70	11	Zone-4 (Sidehill/Chimney)
1824	J-4502	4,948.00	73	11	Zone-4 (Sidehill/Chimney)
1826	J-4503	4,943.00	75	9	Zone-4 (Sidehill/Chimney)
1828	J-4504	4,970.00	64	14	Zone-4 (Sidehill/Chimney)
1830	J-4505	4,984.00	57	14	Zone-4 (Sidehill/Chimney)
1832	J-4506	4,984.00	57	13	Zone-4 (Sidehill/Chimney)
1834	J-4507	4,981.00	59	13	Zone-4 (Sidehill/Chimney)
1839	J-4508	4,956.00	70	14	Zone-4 (Sidehill/Chimney)
1841	J-4509	4,942.00	76	10	Zone-4 (Sidehill/Chimney)
1843	J-4510	4,930.00	81	11	Zone-4 (Sidehill/Chimney)
1845	J-4511	4,920.00	85	6	Zone-4 (Sidehill/Chimney)
1847	J-4512	4,934.00	79	4	Zone-4 (Sidehill/Chimney)
1849	J-4513	4,922.00	84	14	Zone-4 (Sidehill/Chimney)
1851	J-4514	4,880.00	102	16	Zone-4 (Sidehill/Chimney)
1853	J-4515	4,908.00	90	12	Zone-4 (Sidehill/Chimney)
1855	J-4516	4,944.00	75	15	Zone-4 (Sidehill/Chimney)
1857	J-4517	4,950.00	72	7	Zone-4 (Sidehill/Chimney)
1859	J-4518	4,938.00	77	4	Zone-4 (Sidehill/Chimney)
1861	J-4519	4,940.00	76	9	Zone-4 (Sidehill/Chimney)
1863	J-4520	4,906.00	91	5	Zone-4 (Sidehill/Chimney)
1865	J-4521	4,928.00	82	4	Zone-4 (Sidehill/Chimney)
1867	J-4522	4,944.00	75	8	Zone-4 (Sidehill/Chimney)
1870	J-4523	4,896.00	96	5	Zone-4 (Sidehill/Chimney)
1872	J-4524	4,976.00	61	11	Zone-4 (Sidehill/Chimney)
1874	J-4525	4,969.00	64	13	Zone-4 (Sidehill/Chimney)
1876	J-4526	4,959.00	68	14	Zone-4 (Sidehill/Chimney)
1878	J-4527	4,952.00	71	10	Zone-4 (Sidehill/Chimney)
1881	J-4528	4,970.00	64	12	Zone-4 (Sidehill/Chimney)
1883	J-4529	4,942.00	76	17	Zone-4 (Sidehill/Chimney)
1887	J-4530	4,902.00	93	4	Zone-4 (Sidehill/Chimney)
1889	J-4531	4,918.00	86	8	Zone-4 (Sidehill/Chimney)
1891	J-4532	4,942.00	76	12	Zone-4 (Sidehill/Chimney)
1893	J-4533	4,966.00	65	9	Zone-4 (Sidehill/Chimney)
1896	J-4534	4,917.00	86	20	Zone-4 (Sidehill/Chimney)
1901	J-4535	4,950.00	72	7	Zone-4 (Sidehill/Chimney)
1903	J-4536	4,932.00	80	10	Zone-4 (Sidehill/Chimney)
1905	J-4537	4,952.00	71	9	Zone-4 (Sidehill/Chimney)
1907	J-4538	4,968.00	64	11	Zone-4 (Sidehill/Chimney)
1313	J-5001	5,066.00	69	1	Zone 5 (West7th)
587	J-6001	5,106.13	86	0	Zone 6 (Boundary)
589	J-6002	5,154.57	65	11	Zone 6 (Boundary)
608	J-6003	5,179.37	54	6	Zone 6 (Boundary)
590	J-6004	5,152.08	66	14	Zone 6 (Boundary)
609	J-6005	5,155.32	64	12	Zone 6 (Boundary)
610	J-6006	5,168.84	59	9	Zone 6 (Boundary)
591	J-6007	5,142.51	70	10	Zone 6 (Boundary)
592	J-6008	5,123.20	78	12	Zone 6 (Boundary)
611	J-6009	5,136.51	72	6	Zone 6 (Boundary)
612	J-6010	5,115.09	82	5	Zone 6 (Boundary)
1458	J-6011	5,131.00	75	9	Zone 6 (Boundary)
1460	J-6012	5,146.00	68	1	Zone 6 (Boundary)
1481	J-6024	5,190.00	49	9	Zone 6 (Boundary)
1483	J-6028	5,174.00	56	11	Zone 6 (Boundary)
1485	J-6029	5,148.00	68	11	Zone 6 (Boundary)
1487	J-6030	5,152.00	66	11	Zone 6 (Boundary)
1505	J-6031	5,160.00	62	6	Zone 6 (Boundary)
1490	J-6032	5,154.00	65	5	Zone 6 (Boundary)
588	J-6034	5,194.00	48	0	Zone Exempt
1308	J-6045	5,066.00	103	0	Zone Exempt
586	J-6046	4,900.00	175	0	Zone Exempt
1536	J-6047	5,200.00	45	9	Zone 6 (Boundary)
1538	J-6048	5,210.00	41	11	Zone 6 (Boundary)
1540	J-6049	5,212.00	40	4	Zone 6 (Boundary)
1542	J-6050	5,164.00	61	13	Zone 6 (Boundary)
1544	J-6051	5,178.00	55	10	Zone 6 (Boundary)
1547	J-6052	5,144.00	69	9	Zone 6 (Boundary)
1553	J-6053	5,144.00	69	4	Zone 6 (Boundary)

	J-6054	5,138.00	72	9	Zone 6 (Boundary)
1551	J-6055	5,145.00	69	6	Zone 6 (Boundary)
1555	J-6056	5,120.00	80	8	Zone 6 (Boundary)
1557	J-6057	5,120.00	80	11	Zone 6 (Boundary)
1559	J-6058	5,134.00	74	14	Zone 6 (Boundary)
1321	J-Section 5.3.2	4,704.00	81	0	Zone 6 (Boundary)
1401	J-Tangberg	4,928.00	83	0	Zone-4 (Sidehill/Chimney)

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Static Pressure
Zero Demand

Scenario Summary Report
Scenario: Existing SVGID System + 5 Ridges

Scenario Summary

ID	64
Label	Existing SVGID System + 5 Ridges
Notes	
Active Topology	Base-Active Topology
Physical	Existing System
Demand	8750 Zero Demand
Initial Settings	Existing System Pumps OFF Tanks at HWL
Operational	Base
Age	Base-Age Alternative
Constituent	Base-Constituent
Trace	Base-Trace Alternative
Fire Flow	All Nodes
Energy Cost	Base-Energy Cost
Transient	Base Transient
Pressure Dependent Demand	Base Pressure Dependent Demand
Failure History	Base Failure History
SCADA	Base SCADA
User Data Extensions	Base-User Data
Steady State/EPS Solver Calculation Options	Proposed SVGID System
Transient Solver Calculation Options	Base Calculation Options

Hydraulic Summary

Time Analysis Type	Steady State	Use simple controls during steady state?	True
Friction Method	Hazen-Williams	Is EPS Snapshot?	False
Accuracy	0.001	Start Time	12:00:00 AM
Trials	40	Calculation Type	Fire Flow

Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
FlexTable: Tank Table

Label	Zone	Elevation (Base) (ft)	Elevation (Minimum) (ft)	Elevation (Initial) (ft)	Elevation (Maximum) (ft)	Diameter (ft)	Volume Full (Calculated) (gal)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
Eastside	Zone-1-2-3	4,963.00	4,963.00	4,992.50	4,992.92	90.00	1,423,863.12	0	4,992.50
Chocolate	Zone-1-2-3	4,964.25	4,964.25	4,992.50	4,992.92	74.00	922,386.13	0	4,992.50
Klondike	Zone-1-2-3	4,968.00	4,968.00	4,992.50	4,992.92	107.00	1,676,243.96	83	4,992.50
Juniper Terr. Tank	Zone-1-2-3	4,952.29	4,952.29	4,974.94	4,974.94	60.00	479,062.68	0	4,974.94
Sidehill	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,134.41	5,134.41	40.00	285,863.06	0	5,134.41
Chimney 1	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,135.09	5,135.09	40.00	292,255.26	12	5,135.09
Westside Tank	Zone-3 (Chocolate)	4,961.90	4,961.90	4,992.50	4,992.92	90.00	1,476,211.03	0	4,992.50
Boundary Tank	Zone 6 (Boundary)	5,279.50	5,279.50	5,315.50	5,315.50	80.00	1,353,642.89	6	5,315.50
Chimney 2	Zone-4 (Sidehill/Chimney)	5,104.00	5,104.00	5,135.09	5,135.09	75.00	1,027,459.90	12	5,135.09

minimal to prevent model crash

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Scenario: Existing SVGID System + 5 Ridges
Current Time Step: 0.000 h
FlexTable: Junction Table

ID	Label	Elevation (ft)	Pressure (psi)	Demand (gpm)	Zone
127	J-1001	4,639.00	55	0	Zone-1 (Southern)
131	J-1002	4,662.00	45	0	Zone-1 (Southern)
132	J-1003	4,649.00	51	0	Zone-1 (Southern)
128	J-1004	4,662.00	45	0	Zone-1 (Southern)
133	J-1005	4,653.00	49	0	Zone-1 (Southern)
129	J-1006	4,664.00	45	0	Zone-1 (Southern)
130	J-1007	4,661.00	46	0	Zone-1 (Southern)
134	J-1008	4,635.00	57	0	Zone-1 (Southern)
135	J-1009	4,621.00	63	0	Zone-1 (Southern)
139	J-1010	4,618.00	64	0	Zone-1 (Southern)
136	J-1011	4,625.00	61	0	Zone-1 (Southern)
138	J-1012	4,619.00	64	0	Zone-1 (Southern)
137	J-1013	4,625.00	61	0	Zone-1 (Southern)
140	J-1014	4,658.00	47	0	Zone-1 (Southern)
141	J-1015	4,665.00	44	0	Zone-1 (Southern)
142	J-1016	4,636.00	57	0	Zone-1 (Southern)
143	J-1017	4,639.00	55	0	Zone-1 (Southern)
144	J-1018	4,651.00	50	0	Zone-1 (Southern)
145	J-1019	4,653.00	49	0	Zone-1 (Southern)
146	J-1020	4,653.00	49	0	Zone-1 (Southern)
148	J-1021	4,662.00	45	0	Zone-1 (Southern)
147	J-1022	4,659.00	47	0	Zone-1 (Southern)
149	J-2001	4,720.00	74	0	Zone-1 (Southern)
150	J-2002	4,710.00	78	0	Zone-2 (Central)
151	J-2003	4,710.00	78	0	Zone-2 (Central)
152	J-2004	4,700.00	82	0	Zone-2 (Central)
153	J-2005	4,667.00	97	0	Zone-2 (Central)
155	J-2006	4,664.00	98	0	Zone-2 (Central)
154	J-2007	4,649.00	104	0	Zone-2 (Central)
157	J-2008	4,659.00	117	0	Zone-2 (Central)
158	J-2009	4,664.00	115	0	Zone-2 (Central)
159	J-2010	4,655.00	119	0	Zone-2 (Central)
161	J-2011	4,675.00	110	0	Zone-2 (Central)
162	J-2012	4,696.00	101	0	Zone-2 (Central)
163	J-2013	4,716.00	93	0	Zone-2 (Central)
164	J-2014	4,745.00	80	0	Zone-2 (Central)
165	J-2015	4,776.00	67	0	Zone-2 (Central)
166	J-2016	4,696.00	101	0	Zone-2 (Central)
167	J-2017	4,700.00	100	0	Zone-2 (Central)
168	J-2018	4,696.00	101	0	Zone-2 (Central)
169	J-2019	4,727.00	88	0	Zone-2 (Central)
190	J-2020	4,730.00	87	0	Zone-2 (Central)
170	J-2021	4,737.00	84	0	Zone-2 (Central)
175	J-2022	4,773.00	68	0	Zone-2 (Central)
171	J-2023	4,740.00	82	0	Zone-2 (Central)
172	J-2024	4,747.00	79	0	Zone-2 (Central)
174	J-2025	4,806.00	54	0	Zone-2 (Central)
173	J-2026	4,744.00	81	0	Zone-2 (Central)
176	J-2027	4,727.00	88	0	Zone-2 (Central)
179	J-2028	4,732.00	86	0	Zone-2 (Central)
177	J-2029	4,747.00	79	0	Zone-2 (Central)
178	J-2030	4,762.00	73	0	Zone-2 (Central)
180	J-2031	4,741.00	82	0	Zone-2 (Central)
191	J-2032	4,740.00	82	0	Zone-2 (Central)
181	J-2033	4,745.00	80	0	Zone-2 (Central)
182	J-2034	4,753.00	77	0	Zone-2 (Central)
183	J-2035	4,763.00	72	0	Zone-2 (Central)

186	J-2036	4,751.00	78	0	Zone-2 (Central)
192	J-2037	4,735.00	84	0	Zone-2 (Central)
184	J-2038	4,758.00	75	0	Zone-2 (Central)
187	J-2039	4,760.00	74	0	Zone-2 (Central)
188	J-2040	4,779.00	65	0	Zone-2 (Central)
189	J-2041	4,790.00	61	0	Zone-2 (Central)
185	J-2042	4,797.00	58	0	Zone-2 (Central)
193	J-2043	4,810.00	52	0	Zone-2 (Central)
195	J-2044	4,667.00	114	0	Zone-2 (Central)
196	J-2045	4,651.00	121	0	Zone-2 (Central)
202	J-2046	4,664.00	115	0	Zone-2 (Central)
203	J-2047	4,662.00	116	0	Zone-2 (Central)
204	J-2048	4,654.00	120	0	Zone-2 (Central)
213	J-2049	4,664.00	115	0	Zone-2 (Central)
214	J-2050	4,671.00	112	0	Zone-2 (Central)
205	J-2051	4,671.00	112	0	Zone-2 (Central)
206	J-2052	4,696.00	101	0	Zone-2 (Central)
207	J-2053	4,703.00	98	0	Zone-2 (Central)
208	J-2054	4,717.00	92	0	Zone-2 (Central)
209	J-2055	4,701.00	99	0	Zone-2 (Central)
210	J-2056	4,721.00	91	0	Zone-2 (Central)
201	J-2057	4,672.00	112	0	Zone-2 (Central)
200	J-2058	4,681.00	108	0	Zone-2 (Central)
199	J-2059	4,682.00	107	0	Zone-2 (Central)
198	J-2060	4,685.00	106	0	Zone-2 (Central)
197	J-2061	4,687.00	105	0	Zone-2 (Central)
215	J-2062	4,681.00	108	0	Zone-2 (Central)
211	J-2063	4,674.00	111	0	Zone-2 (Central)
212	J-2064	4,678.00	109	0	Zone-2 (Central)
216	J-2065	4,697.00	101	0	Zone-2 (Central)
217	J-2066	4,701.00	99	0	Zone-2 (Central)
218	J-2067	4,708.00	96	0	Zone-2 (Central)
219	J-2068	4,696.00	101	0	Zone-2 (Central)
220	J-2069	4,703.00	98	0	Zone-2 (Central)
221	J-2070	4,706.00	97	0	Zone-2 (Central)
222	J-2071	4,730.00	87	0	Zone-2 (Central)
223	J-2072	4,737.00	84	0	Zone-2 (Central)
224	J-2073	4,729.00	87	0	Zone-2 (Central)
225	J-2074	4,719.00	91	0	Zone-2 (Central)
230	J-2075	4,727.00	88	0	Zone-2 (Central)
231	J-2076	4,746.00	80	0	Zone-2 (Central)
232	J-2077	4,750.00	78	0	Zone-2 (Central)
226	J-2078	4,713.00	94	0	Zone-2 (Central)
227	J-2079	4,706.00	97	0	Zone-2 (Central)
228	J-2080	4,701.00	99	0	Zone-2 (Central)
229	J-2081	4,710.00	95	0	Zone-2 (Central)
237	J-2082	4,718.00	92	0	Zone-2 (Central)
236	J-2083	4,722.00	90	0	Zone-2 (Central)
233	J-2084	4,740.00	82	0	Zone-2 (Central)
234	J-2085	4,736.00	84	0	Zone-2 (Central)
235	J-2086	4,731.00	86	0	Zone-2 (Central)
238	J-2087	4,770.00	69	0	Zone-2 (Central)
239	J-2088	4,770.00	69	0	Zone-2 (Central)
240	J-2089	4,784.00	63	0	Zone-2 (Central)
241	J-2090	4,777.00	66	0	Zone-2 (Central)
244	J-2091	4,743.00	81	0	Zone-2 (Central)
242	J-2092	4,759.00	74	0	Zone-2 (Central)
243	J-2093	4,759.00	74	0	Zone-2 (Central)
276	J-2094	4,681.00	108	0	Zone-2 (Central)
277	J-2095	4,681.00	108	0	Zone-2 (Central)
278	J-2096	4,687.00	105	0	Zone-2 (Central)
245	J-2097	4,692.00	103	0	Zone-2 (Central)
279	J-2098	4,700.00	100	0	Zone-2 (Central)
280	J-2099	4,700.00	100	0	Zone-2 (Central)
281	J-2100	4,681.00	108	0	Zone-2 (Central)
246	J-2101	4,693.00	103	0	Zone-2 (Central)
247	J-2102	4,708.00	96	0	Zone-2 (Central)

	J-2103	4,724.00	89	0	Zone-2 (Central)
249	J-2104	4,730.00	87	0	Zone-2 (Central)
251	J-2105	4,752.00	77	0	Zone-2 (Central)
250	J-2106	4,760.00	74	0	Zone-2 (Central)
297	J-2107	4,683.00	107	0	Zone-2 (Central)
300	J-2108	4,693.00	103	0	Zone-2 (Central)
299	J-2109	4,693.00	103	0	Zone-2 (Central)
298	J-2110	4,699.00	100	0	Zone-2 (Central)
285	J-2111	4,710.00	95	0	Zone-2 (Central)
286	J-2112	4,738.00	83	0	Zone-2 (Central)
291	J-2113	4,720.00	91	0	Zone-2 (Central)
270	J-2114	4,713.00	94	0	Zone-2 (Central)
269	J-2115	4,707.00	97	0	Zone-2 (Central)
267	J-2116	4,707.00	97	0	Zone-2 (Central)
266	J-2117	4,706.00	97	0	Zone-2 (Central)
265	J-2118	4,703.00	98	0	Zone-2 (Central)
261	J-2119	4,705.00	97	0	Zone-2 (Central)
252	J-2120	4,721.00	91	0	Zone-2 (Central)
257	J-2121	4,748.00	79	0	Zone-2 (Central)
256	J-2122	4,750.00	78	0	Zone-2 (Central)
290	J-2123	4,729.00	87	0	Zone-2 (Central)
287	J-2124	4,760.00	74	0	Zone-2 (Central)
289	J-2125	4,746.00	80	0	Zone-2 (Central)
288	J-2126	4,763.00	72	0	Zone-2 (Central)
292	J-2127	4,753.00	77	0	Zone-2 (Central)
293	J-2128	4,770.00	69	0	Zone-2 (Central)
294	J-2129	4,750.00	78	0	Zone-2 (Central)
295	J-2130	4,780.00	65	0	Zone-2 (Central)
296	J-2131	4,790.00	61	0	Zone-2 (Central)
271	J-2132	4,758.00	75	0	Zone-2 (Central)
272	J-2133	4,748.00	79	0	Zone-2 (Central)
273	J-2134	4,720.00	91	0	Zone-2 (Central)
268	J-2135	4,748.00	79	0	Zone-2 (Central)
263	J-2136	4,726.00	88	0	Zone-2 (Central)
264	J-2137	4,715.00	93	0	Zone-2 (Central)
254	J-2138	4,726.00	88	0	Zone-2 (Central)
253	J-2139	4,724.00	89	0	Zone-2 (Central)
262	J-2140	4,743.00	81	0	Zone-2 (Central)
255	J-2141	4,728.00	88	0	Zone-2 (Central)
259	J-2142	4,747.00	79	0	Zone-2 (Central)
258	J-2143	4,745.00	80	0	Zone-2 (Central)
260	J-2144	4,760.00	74	0	Zone-2 (Central)
339	J-2145	4,763.00	72	0	Zone-2 (Central)
338	J-2146	4,763.00	72	0	Zone-2 (Central)
552	J-2147	4,751.00	78	0	Zone-2 (Central)
556	J-2148	4,727.00	88	0	Zone-2 (Central)
558	J-2149	4,683.00	107	0	Zone-2 (Central)
560	J-2150	4,785.00	63	0	Zone-2 (Central)
557	J-2151	4,810.00	52	0	Zone-2 (Central)
1351	J-2152	4,729.75	70	0	Zone-2 (Central)
559	J-2153	4,756.00	75	0	Zone-2 (Central)
581	J-2154	4,755.00	76	0	Zone-2 (Central)
582	J-2155	4,760.00	74	0	Zone-2 (Central)
1327	J-2156	4,745.00	80	0	Zone-2 (Central)
1380	J-2157	4,681.00	108	0	Zone-2 (Central)
303	J-3001	4,648.00	149	0	Zone Exempt
304	J-3002	4,648.00	149	0	Zone Exempt
126	J-3003	4,645.00	150	0	Zone Exempt
305	J-3004	4,660.00	144	0	Zone Exempt
306	J-3005	4,660.00	144	0	Zone Exempt
160	J-3006	4,662.00	143	0	Zone Exempt
156	J-3007	4,720.00	118	0	Zone-3 (Chocolate)
307	J-3008	4,840.00	66	0	Zone-3 (Chocolate)
308	J-3010	4,860.00	57	0	Zone-3 (Chocolate)
309	J-3011	4,827.00	72	0	Zone-3 (Chocolate)
310	J-3012	4,799.00	84	0	Zone-3 (Chocolate)
311	J-3013	4,790.00	88	0	Zone-3 (Chocolate)

	J-3014	4,820.00	75	0	Zone-3 (Chocolate)
313	J-3015	4,820.00	75	0	Zone-3 (Chocolate)
314	J-3016	4,826.00	72	0	Zone-3 (Chocolate)
315	J-3017	4,835.00	68	0	Zone-3 (Chocolate)
194	J-3018	4,818.00	75	0	Zone-3 (Chocolate)
316	J-3019	4,835.00	68	0	Zone-3 (Chocolate)
317	J-3020	4,840.00	66	0	Zone-3 (Chocolate)
318	J-3021	4,826.00	72	0	Zone-3 (Chocolate)
319	J-3022	4,817.00	76	0	Zone-3 (Chocolate)
320	J-3023	4,825.00	72	0	Zone-3 (Chocolate)
321	J-3024	4,833.00	69	0	Zone-3 (Chocolate)
322	J-3025	4,833.00	69	0	Zone-3 (Chocolate)
328	J-3026	4,892.00	43	0	Zone Exempt
323	J-3027	4,801.00	83	0	Zone-3 (Chocolate)
324	J-3028	4,800.00	83	0	Zone-3 (Chocolate)
327	J-3029	4,827.00	72	0	Zone-3 (Chocolate)
326	J-3030	4,822.00	74	0	Zone-3 (Chocolate)
325	J-3031	4,801.00	83	0	Zone-3 (Chocolate)
329	J-3032	4,834.00	69	0	Zone-3 (Chocolate)
330	J-3033	4,862.00	56	0	Zone-3 (Chocolate)
331	J-3034	4,882.00	48	0	Zone-3 (Chocolate)
302	J-3035	4,648.00	149	0	Zone Exempt
332	J-3036	4,645.00	150	0	Zone Exempt
333	J-3037	4,662.00	143	0	Zone Exempt
334	J-3038	4,692.00	130	0	Zone Exempt
335	J-3039	4,776.00	94	0	Zone Exempt
336	J-3040	4,763.00	99	0	Zone Exempt
337	J-3041	4,763.00	99	0	Zone-3 (Chocolate)
340	J-3042	4,811.00	79	0	Zone-3 (Chocolate)
341	J-3043	4,811.00	79	0	Zone-3 (Chocolate)
342	J-3044	4,836.00	68	0	Zone-3 (Chocolate)
344	J-3045	4,792.00	87	0	Zone-3 (Chocolate)
343	J-3046	4,834.00	69	0	Zone-3 (Chocolate)
345	J-3047	4,784.00	90	0	Zone-3 (Chocolate)
347	J-3048	4,848.00	62	0	Zone-3 (Chocolate)
348	J-3049	4,863.00	56	0	Zone-3 (Chocolate)
349	J-3050	4,882.00	48	0	Zone-3 (Chocolate)
350	J-3051	4,909.00	36	0	Zone Exempt
351	J-3052	4,925.00	29	0	Zone Exempt
371	J-3053	4,925.00	29	0	Zone Exempt
372	J-3054	4,921.00	31	0	Zone Exempt
373	J-3055	4,950.00	18	0	Zone Exempt
374	J-3056	4,943.00	21	0	Zone Exempt
346	J-3057	4,813.00	78	0	Zone-3 (Chocolate)
352	J-3058	4,834.00	69	0	Zone-3 (Chocolate)
353	J-3059	4,853.00	60	0	Zone-3 (Chocolate)
354	J-3060	4,863.00	56	0	Zone-3 (Chocolate)
355	J-3061	4,863.00	56	0	Zone-3 (Chocolate)
356	J-3062	4,881.00	48	0	Zone-3 (Chocolate)
357	J-3063	4,877.00	50	0	Zone-3 (Chocolate)
358	J-3064	4,875.00	51	0	Zone-3 (Chocolate)
359	J-3065	4,888.00	45	0	Zone-3 (Chocolate)
360	J-3066	4,863.00	56	0	Zone-3 (Chocolate)
362	J-3067	4,843.00	65	0	Zone-3 (Chocolate)
361	J-3068	4,847.00	63	0	Zone-3 (Chocolate)
363	J-3069	4,821.00	74	0	Zone-3 (Chocolate)
364	J-3070	4,811.00	79	0	Zone-3 (Chocolate)
365	J-3071	4,807.00	80	0	Zone-3 (Chocolate)
366	J-3072	4,807.00	80	0	Zone-3 (Chocolate)
367	J-3073	4,790.00	88	0	Zone-3 (Chocolate)
368	J-3074	4,790.00	88	0	Zone-3 (Chocolate)
369	J-3075	4,779.00	92	0	Zone-3 (Chocolate)
370	J-3076	4,765.00	98	0	Zone-3 (Chocolate)
301	J-3077	4,759.00	101	0	Zone-3 (Chocolate)
375	J-3078	4,887.00	46	0	Zone Exempt
379	J-3079	4,876.00	50	0	Zone-3 (Chocolate)
380	J-3080	4,869.00	53	0	Zone-3 (Chocolate)

	J-3081	4,860.00	57	0	Zone-3 (Chocolate)
382	J-3082	4,848.00	63	0	Zone-3 (Chocolate)
383	J-3083	4,838.00	67	0	Zone-3 (Chocolate)
384	J-3084	4,828.00	71	0	Zone-3 (Chocolate)
385	J-3085	4,816.00	76	0	Zone-3 (Chocolate)
386	J-3086	4,804.00	82	0	Zone-3 (Chocolate)
387	J-3087	4,792.00	87	0	Zone-3 (Chocolate)
388	J-3088	4,792.00	87	0	Zone-3 (Chocolate)
389	J-3089	4,785.00	90	0	Zone-3 (Chocolate)
390	J-3090	4,785.00	90	0	Zone-3 (Chocolate)
392	J-3091	4,774.00	95	0	Zone-3 (Chocolate)
391	J-3092	4,774.00	95	0	Zone-3 (Chocolate)
393	J-3093	4,776.00	94	0	Zone-3 (Chocolate)
394	J-3094	4,784.00	90	0	Zone-3 (Chocolate)
395	J-3095	4,797.00	85	0	Zone-3 (Chocolate)
396	J-3096	4,810.00	79	0	Zone-3 (Chocolate)
397	J-3097	4,817.00	76	0	Zone-3 (Chocolate)
398	J-3098	4,826.00	72	0	Zone-3 (Chocolate)
399	J-3099	4,839.00	66	0	Zone-3 (Chocolate)
400	J-3100	4,848.00	63	0	Zone-3 (Chocolate)
401	J-3101	4,858.00	58	0	Zone-3 (Chocolate)
402	J-3102	4,867.00	54	0	Zone-3 (Chocolate)
403	J-3103	4,781.00	91	0	Zone-3 (Chocolate)
404	J-3104	4,781.00	91	0	Zone-3 (Chocolate)
405	J-3105	4,787.00	89	0	Zone-3 (Chocolate)
406	J-3106	4,789.00	88	0	Zone-3 (Chocolate)
407	J-3107	4,792.00	87	0	Zone-3 (Chocolate)
408	J-3108	4,798.00	84	0	Zone-3 (Chocolate)
409	J-3109	4,801.00	83	0	Zone-3 (Chocolate)
410	J-3110	4,806.00	81	0	Zone-3 (Chocolate)
411	J-3111	4,808.00	80	0	Zone-3 (Chocolate)
412	J-3112	4,814.00	77	0	Zone-3 (Chocolate)
413	J-3113	4,774.00	95	0	Zone-3 (Chocolate)
414	J-3114	4,763.00	99	0	Zone-3 (Chocolate)
275	J-3115	4,748.00	106	0	Zone-3 (Chocolate)
283	J-3116	4,675.00	137	0	Zone Exempt
282	J-3117	4,681.00	135	0	Zone Exempt
415	J-3118	4,681.00	135	0	Zone Exempt
416	J-3119	4,681.00	135	0	Zone Exempt
284	J-3120	4,700.00	127	0	Zone Exempt
417	J-3121	4,802.00	82	0	Zone-3 (Chocolate)
419	J-3122	4,751.00	104	0	Zone-3 (Chocolate)
420	J-3123	4,777.00	93	0	Zone-3 (Chocolate)
421	J-3124	4,773.00	95	0	Zone-3 (Chocolate)
422	J-3125	4,772.00	95	0	Zone-3 (Chocolate)
423	J-3126	4,773.00	95	0	Zone-3 (Chocolate)
424	J-3127	4,775.00	94	0	Zone-3 (Chocolate)
425	J-3128	4,777.00	93	0	Zone-3 (Chocolate)
426	J-3129	4,781.00	91	0	Zone-3 (Chocolate)
427	J-3130	4,765.00	98	0	Zone-3 (Chocolate)
428	J-3131	4,766.00	98	0	Zone-3 (Chocolate)
429	J-3132	4,759.00	101	0	Zone-3 (Chocolate)
430	J-3133	4,766.00	98	0	Zone-3 (Chocolate)
431	J-3134	4,768.00	97	0	Zone-3 (Chocolate)
432	J-3135	4,766.00	98	0	Zone-3 (Chocolate)
433	J-3136	4,762.00	100	0	Zone-3 (Chocolate)
434	J-3137	4,759.00	101	0	Zone-3 (Chocolate)
435	J-3138	4,755.00	103	0	Zone-3 (Chocolate)
436	J-3139	4,760.00	101	0	Zone-3 (Chocolate)
437	J-3140	4,766.00	98	0	Zone-3 (Chocolate)
438	J-3141	4,780.00	92	0	Zone-3 (Chocolate)
439	J-3142	4,770.00	96	0	Zone-3 (Chocolate)
440	J-3143	4,770.00	96	0	Zone-3 (Chocolate)
463	J-3144	4,766.00	98	0	Zone-3 (Chocolate)
441	J-3145	4,771.00	96	0	Zone-3 (Chocolate)
442	J-3146	4,770.00	96	0	Zone-3 (Chocolate)
449	J-3147	4,770.00	96	0	Zone-3 (Chocolate)

	J-3148	4,771.00	96	0	Zone-3 (Chocolate)
443	J-3149	4,758.00	101	0	Zone-3 (Chocolate)
444	J-3150	4,758.00	101	0	Zone-3 (Chocolate)
445	J-3151	4,760.00	101	0	Zone-3 (Chocolate)
446	J-3152	4,755.00	103	0	Zone-3 (Chocolate)
447	J-3153	4,755.00	103	0	Zone-3 (Chocolate)
418	J-3154	4,810.00	79	0	Zone-3 (Chocolate)
450	J-3155	4,779.00	92	0	Zone-3 (Chocolate)
451	J-3156	4,770.00	96	0	Zone-3 (Chocolate)
274	J-3157	4,770.00	96	0	Zone-3 (Chocolate)
376	J-3158	4,880.00	49	0	Zone Exempt
377	J-3159	4,861.00	57	0	Zone-3 (Chocolate)
378	J-3160	4,869.00	53	0	Zone-3 (Chocolate)
452	J-3161	4,840.00	66	0	Zone-3 (Chocolate)
453	J-3162	4,834.00	69	0	Zone-3 (Chocolate)
454	J-3163	4,843.00	65	0	Zone-3 (Chocolate)
455	J-3164	4,820.00	75	0	Zone-3 (Chocolate)
456	J-3165	4,882.00	48	0	Zone-3 (Chocolate)
466	J-3167	4,848.00	63	0	Zone-3 (Chocolate)
464	J-3168	4,870.00	53	0	Zone-3 (Chocolate)
465	J-3169	4,843.00	65	0	Zone-3 (Chocolate)
467	J-3170	4,870.00	53	0	Zone-3 (Chocolate)
468	J-3171	4,949.00	19	0	Zone Exempt
458	J-3172	4,648.00	149	0	Zone Exempt
461	J-3173	4,648.00	40	0	Zone Exempt
460	J-3174	4,648.00	149	0	Zone Exempt
459	J-3175	4,648.00	149	0	Zone Exempt
462	J-3176	4,648.00	40	0	Zone Exempt
547	J-3177	4,780.00	92	0	Zone-3 (Chocolate)
548	J-3178	4,780.00	92	0	Zone-3 (Chocolate)
583	J-3180	4,835.00	68	0	Zone-3 (Chocolate)
550	J-3181	4,750.00	105	0	Zone Exempt
549	J-3182	4,817.00	76	0	Zone Exempt
561	J-3183	4,762.00	100	0	Zone-3 (Chocolate)
562	J-3184	4,816.70	76	0	Zone-3 (Chocolate)
563	J-3185	4,842.90	65	0	Zone-3 (Chocolate)
564	J-3186	4,868.30	54	0	Zone-3 (Chocolate)
569	J-3191	4,844.00	64	0	Zone-3 (Chocolate)
570	J-3192	4,828.00	71	0	Zone-3 (Chocolate)
572	J-3193	4,807.00	80	0	Zone-3 (Chocolate)
571	J-3194	4,807.00	80	0	Zone-3 (Chocolate)
573	J-3195	4,828.00	71	0	Zone-3 (Chocolate)
584	J-3198	4,900.00	40	0	Zone Exempt
585	J-3199	4,900.00	40	0	Zone Exempt
1368	J-3200	4,875.00	51	0	Zone-3 (Chocolate)
1370	J-3201	4,863.00	56	0	Zone-3 (Chocolate)
1914	J-3500	4,967.50	11	0	Zone Exempt
1911	J-3501	4,942.00	22	0	Zone Exempt
1917	J-3502	4,892.00	43	0	Zone Exempt
1919	J-3503	4,866.00	55	0	Zone-3 (Chocolate)
1922	J-3504	4,841.00	66	0	Zone-3 (Chocolate)
1924	J-3505	4,844.00	64	0	Zone-3 (Chocolate)
1927	J-3506	4,824.00	73	0	Zone-3 (Chocolate)
1929	J-3507	4,834.00	69	0	Zone-3 (Chocolate)
1932	J-3508	4,846.00	63	0	Zone-3 (Chocolate)
1934	J-3509	4,858.00	58	0	Zone-3 (Chocolate)
1936	J-3510	4,869.00	53	0	Zone-3 (Chocolate)
1938	J-3511	4,880.00	49	0	Zone-3 (Chocolate)
1940	J-3512	4,870.00	53	0	Zone-3 (Chocolate)
1942	J-3513	4,857.00	59	0	Zone-3 (Chocolate)
1944	J-3514	4,844.00	64	0	Zone-3 (Chocolate)
1946	J-3515	4,828.00	71	0	Zone-3 (Chocolate)
1948	J-3516	4,819.00	75	0	Zone-3 (Chocolate)
1952	J-3517	4,823.00	73	0	Zone-3 (Chocolate)
1954	J-3518	4,820.00	75	0	Zone-3 (Chocolate)
1956	J-3519	4,809.00	79	0	Zone-3 (Chocolate)
1958	J-3520	4,791.00	87	0	Zone-3 (Chocolate)

Phase 1

	J-3521	4,777.00	93	0	Zone-3 (Chocolate)
1962	J-3522	4,773.00	95	0	Zone-3 (Chocolate)
1964	J-3523	4,778.00	93	0	Zone-3 (Chocolate)
1966	J-3524	4,783.00	91	0	Zone-3 (Chocolate)
1968	J-3525	4,783.00	91	0	Zone-3 (Chocolate)
1970	J-3526	4,783.00	91	0	Zone-3 (Chocolate)
1972	J-3527	4,778.00	93	0	Zone-3 (Chocolate)
1974	J-3528	4,774.00	95	0	Zone-3 (Chocolate)
1977	J-3529	4,778.00	93	0	Zone-3 (Chocolate)
1980	J-3530	4,784.00	90	0	Zone-3 (Chocolate)
1982	J-3531	4,790.00	88	0	Zone-3 (Chocolate)
1984	J-3532	4,797.00	85	0	Zone-3 (Chocolate)
1986	J-3533	4,801.00	83	0	Zone-3 (Chocolate)
1988	J-3534	4,804.00	82	0	Zone-3 (Chocolate)
1990	J-3535	4,808.00	80	0	Zone-3 (Chocolate)
1992	J-3536	4,811.00	79	0	Zone-3 (Chocolate)
1994	J-3537	4,807.00	80	0	Zone-3 (Chocolate)
1996	J-3538	4,802.00	82	0	Zone-3 (Chocolate)
1998	J-3539	4,801.00	83	0	Zone-3 (Chocolate)
2002	J-3540	4,804.00	82	0	Zone-3 (Chocolate)
2005	J-3541	4,804.00	82	0	Zone-3 (Chocolate)
2008	J-3542	4,792.00	87	0	Zone-3 (Chocolate)
2010	J-3543	4,830.00	70	0	Zone-3 (Chocolate)
2012	J-3544	4,848.00	63	0	Zone-3 (Chocolate)
2014	J-3545	4,838.00	67	0	Zone-3 (Chocolate)
2016	J-3546	4,816.00	76	0	Zone-3 (Chocolate)
2018	J-3547	4,840.00	66	0	Zone-3 (Chocolate)
2023	J-3549	4,812.00	78	0	Zone-3 (Chocolate)
2025	J-3550	4,790.00	88	0	Zone-3 (Chocolate)
2027	J-3551	4,798.00	84	0	Zone-3 (Chocolate)
2029	J-3552	4,808.00	80	0	Zone-3 (Chocolate)
2031	J-3553	4,802.00	82	0	Zone-3 (Chocolate)
2034	J-3554	4,848.00	63	0	Zone-3 (Chocolate)
2036	J-3555	4,856.00	59	0	Zone-3 (Chocolate)
2041	J-3556	4,785.00	90	0	Zone-3 (Chocolate)
2044	J-3557	4,834.00	69	0	Zone-3 (Chocolate)
2048	J-3559	4,744.00	108	0	Zone-3 (Chocolate)
2050	J-3560	4,654.00	146	0	Zone-1 (Southern)
2053	J-3561	4,816.00	76	0	Zone-3 (Chocolate)
2061	J-3564	4,832.00	69	0	Zone-3 (Chocolate)
2064	J-3565	4,840.00	66	0	Zone-3 (Chocolate)
2076	J-3566	4,962.00	13	0	Zone Exempt
2081	J-3569	4,800.00	83	0	Zone-3 (Chocolate)
2083	J-3570	4,962.00	13	0	Zone Exempt
2102	J-3579	4,823.52	73	0	Zone-2 (Central)
2115	J-3580	4,800.00	83	0	Zone-3 (Chocolate)
470	J-4001S	4,890.00	106	0	Zone-4 (Sidehill/Chimney)
471	J-4002S	4,877.00	112	0	Zone-4 (Sidehill/Chimney)
472	J-4003S	4,893.00	105	0	Zone-4 (Sidehill/Chimney)
473	J-4004S	4,897.00	103	0	Zone-4 (Sidehill/Chimney)
474	J-4005S	4,899.00	102	0	Zone-4 (Sidehill/Chimney)
475	J-4006S	4,899.00	102	0	Zone-4 (Sidehill/Chimney)
476	J-4007S	4,890.00	106	0	Zone-4 (Sidehill/Chimney)
477	J-4008S	4,953.00	79	0	Zone-4 (Sidehill/Chimney)
478	J-4009S	4,942.00	84	0	Zone-4 (Sidehill/Chimney)
479	J-4010S	4,908.00	98	0	Zone-4 (Sidehill/Chimney)
480	J-4011S	4,928.00	90	0	Zone-4 (Sidehill/Chimney)
481	J-4012S	4,959.00	76	0	Zone-4 (Sidehill/Chimney)
482	J-4013S	5,002.00	58	0	Zone-4 (Sidehill/Chimney)
483	J-4014S	5,100.00	15	0	Zone Exempt
484	J-4015S	4,897.00	103	0	Zone-4 (Sidehill/Chimney)
485	J-4016S	4,897.00	103	0	Zone-4 (Sidehill/Chimney)
486	J-4017S	4,885.00	108	0	Zone-4 (Sidehill/Chimney)
487	J-4018	4,885.00	108	0	Zone-4 (Sidehill/Chimney)
1331	J-4019	4,875.00	113	0	Zone-4 (Sidehill/Chimney)
489	J-4020S	4,930.00	89	0	Zone-4 (Sidehill/Chimney)
490	J-4021S	4,900.00	102	0	Zone-4 (Sidehill/Chimney)

Phase 1

Village 1 PRV Required

	J-4022C	4,943.00	83	0	Zone-4 (Sidehill/Chimney)
496	J-4023C	4,959.00	76	0	Zone-4 (Sidehill/Chimney)
493	J-4024C	4,929.00	89	0	Zone-4 (Sidehill/Chimney)
494	J-4025C	4,927.00	90	0	Zone-4 (Sidehill/Chimney)
495	J-4026C	4,900.00	102	0	Zone-4 (Sidehill/Chimney)
497	J-4027C	4,971.00	71	0	Zone-4 (Sidehill/Chimney)
498	J-4028C	4,999.00	59	0	Zone-4 (Sidehill/Chimney)
499	J-4029C	4,966.00	73	0	Zone-4 (Sidehill/Chimney)
500	J-4030C	4,963.00	74	0	Zone-4 (Sidehill/Chimney)
505	J-4031C	4,980.00	67	0	Zone-4 (Sidehill/Chimney)
501	J-4032C	4,961.00	75	0	Zone-4 (Sidehill/Chimney)
502	J-4033C	4,938.00	85	0	Zone-4 (Sidehill/Chimney)
504	J-4034C	4,914.00	96	0	Zone-4 (Sidehill/Chimney)
503	J-4035C	4,917.00	94	0	Zone-4 (Sidehill/Chimney)
491	J-4036C	4,921.00	93	0	Zone-4 (Sidehill/Chimney)
492	J-4037C	4,925.00	91	0	Zone-4 (Sidehill/Chimney)
506	J-4038C	4,928.00	90	0	Zone-4 (Sidehill/Chimney)
507	J-4039C	4,923.00	92	0	Zone-4 (Sidehill/Chimney)
512	J-4040C	4,963.00	74	0	Zone-4 (Sidehill/Chimney)
513	J-4041C	4,975.00	69	0	Zone-4 (Sidehill/Chimney)
510	J-4042C	4,952.00	79	0	Zone-4 (Sidehill/Chimney)
511	J-4043C	4,987.00	64	0	Zone-4 (Sidehill/Chimney)
509	J-4044C	4,911.00	97	0	Zone-4 (Sidehill/Chimney)
508	J-4045C	4,911.00	97	0	Zone-4 (Sidehill/Chimney)
514	J-4046C	4,963.00	74	0	Zone-4 (Sidehill/Chimney)
515	J-4047C	4,968.00	72	0	Zone-4 (Sidehill/Chimney)
516	J-4048C	5,004.00	57	0	Zone-4 (Sidehill/Chimney)
517	J-4049C	5,010.00	54	0	Zone Exempt
518	J-4050C	5,100.00	15	0	Zone Exempt
523	J-4051C	5,011.00	54	0	Zone-4 (Sidehill/Chimney)
521	J-4052C	4,993.00	61	0	Zone-4 (Sidehill/Chimney)
522	J-4053C	4,961.00	75	0	Zone-4 (Sidehill/Chimney)
520	J-4054C	4,959.00	76	0	Zone-4 (Sidehill/Chimney)
519	J-4055C	4,944.00	83	0	Zone-4 (Sidehill/Chimney)
524	J-4056C	4,917.00	94	0	Zone-4 (Sidehill/Chimney)
525	J-4057C	4,897.00	103	0	Zone-4 (Sidehill/Chimney)
526	J-4058C	4,884.00	109	0	Zone-4 (Sidehill/Chimney)
527	J-4059C	4,900.00	102	0	Zone-4 (Sidehill/Chimney)
528	J-4060C	4,897.00	103	0	Zone-4 (Sidehill/Chimney)
529	J-4061C	4,910.00	97	0	Zone-4 (Sidehill/Chimney)
530	J-4062C	4,923.00	92	0	Zone-4 (Sidehill/Chimney)
531	J-4063C	4,917.00	94	0	Zone-4 (Sidehill/Chimney)
532	J-4064C	4,915.00	95	0	Zone-4 (Sidehill/Chimney)
533	J-4065C	4,955.00	78	0	Zone-4 (Sidehill/Chimney)
534	J-4066C	4,892.00	105	0	Zone-4 (Sidehill/Chimney)
535	J-4067C	4,873.00	113	0	Zone-4 (Sidehill/Chimney)
536	J-4068C	4,910.00	97	0	Zone-4 (Sidehill/Chimney)
537	J-4069C	4,871.00	114	0	Zone-4 (Sidehill/Chimney)
538	J-4070C	4,889.00	106	0	Zone-4 (Sidehill/Chimney)
539	J-4071C	4,892.00	105	0	Zone-4 (Sidehill/Chimney)
540	J-4072C	4,902.00	101	0	Zone-4 (Sidehill/Chimney)
541	J-4073C	4,896.00	103	0	Zone-4 (Sidehill/Chimney)
542	J-4074C	4,906.00	99	0	Zone-4 (Sidehill/Chimney)
543	J-4075C	4,879.00	111	0	Zone-4 (Sidehill/Chimney)
545	J-4076C	4,851.00	123	0	Zone-4 (Sidehill/Chimney)
546	J-4077C	4,851.00	123	0	Zone-4 (Sidehill/Chimney)
544	J-4078C	4,892.00	105	0	Zone-4 (Sidehill/Chimney)
553	J-4079S	4,935.00	87	0	Zone-4 (Sidehill/Chimney)
554	J-4080S	4,935.00	87	0	Zone-4 (Sidehill/Chimney)
555	J-4081S	4,930.00	89	0	Zone-4 (Sidehill/Chimney)
578	J-4085S	4,983.00	66	0	Zone-4 (Sidehill/Chimney)
580	J-4086S	4,890.00	106	0	Zone-4 (Sidehill/Chimney)
619	J-4087C	5,100.00	15	0	Zone Exempt
1409	J-4106 School	4,915.00	95	0	Zone-4 (Sidehill/Chimney)
1431	J-4107 School	4,915.00	95	0	Zone-4 (Sidehill/Chimney)
1437	J-4108 School	4,933.30	87	0	Zone-4 (Sidehill/Chimney)
1821	J-4500	4,964.00	74	0	Zone-4 (Sidehill/Chimney)

Ph. 2

Phase 2

Add individual PRV's in June 2021

	J-4501	4,956.00	77	0	Zone-4 (Sidehill/Chimney)
1824	J-4502	4,948.00	81	0	Zone-4 (Sidehill/Chimney)
1826	J-4503	4,943.00	83	0	Zone-4 (Sidehill/Chimney)
1828	J-4504	4,970.00	71	0	Zone-4 (Sidehill/Chimney)
1830	J-4505	4,984.00	65	0	Zone-4 (Sidehill/Chimney)
1832	J-4506	4,984.00	65	0	Zone-4 (Sidehill/Chimney)
1834	J-4507	4,981.00	67	0	Zone-4 (Sidehill/Chimney)
1839	J-4508	4,956.00	77	0	Zone-4 (Sidehill/Chimney)
1841	J-4509	4,942.00	84	0	Zone-4 (Sidehill/Chimney)
1843	J-4510	4,930.00	89	0	Zone-4 (Sidehill/Chimney)
1845	J-4511	4,920.00	93	0	Zone-4 (Sidehill/Chimney)
1847	J-4512	4,934.00	87	0	Zone-4 (Sidehill/Chimney)
1849	J-4513	4,922.00	92	0	Zone-4 (Sidehill/Chimney)
1851	J-4514	4,880.00	110	0	Zone-4 (Sidehill/Chimney)
1853	J-4515	4,908.00	98	0	Zone-4 (Sidehill/Chimney)
1855	J-4516	4,944.00	83	0	Zone-4 (Sidehill/Chimney)
1857	J-4517	4,950.00	80	0	Zone-4 (Sidehill/Chimney)
1859	J-4518	4,938.00	85	0	Zone-4 (Sidehill/Chimney)
1861	J-4519	4,940.00	84	0	Zone-4 (Sidehill/Chimney)
1863	J-4520	4,906.00	99	0	Zone-4 (Sidehill/Chimney)
1865	J-4521	4,928.00	90	0	Zone-4 (Sidehill/Chimney)
1867	J-4522	4,944.00	83	0	Zone-4 (Sidehill/Chimney)
1870	J-4523	4,896.00	103	0	Zone-4 (Sidehill/Chimney)
1872	J-4524	4,976.00	69	0	Zone-4 (Sidehill/Chimney)
1874	J-4525	4,969.00	72	0	Zone-4 (Sidehill/Chimney)
1876	J-4526	4,959.00	76	0	Zone-4 (Sidehill/Chimney)
1878	J-4527	4,952.00	79	0	Zone-4 (Sidehill/Chimney)
1881	J-4528	4,970.00	71	0	Zone-4 (Sidehill/Chimney)
1883	J-4529	4,942.00	84	0	Zone-4 (Sidehill/Chimney)
1887	J-4530	4,902.00	101	0	Zone-4 (Sidehill/Chimney)
1889	J-4531	4,918.00	94	0	Zone-4 (Sidehill/Chimney)
1891	J-4532	4,942.00	84	0	Zone-4 (Sidehill/Chimney)
1893	J-4533	4,966.00	73	0	Zone-4 (Sidehill/Chimney)
1896	J-4534	4,917.00	94	0	Zone-4 (Sidehill/Chimney)
1901	J-4535	4,950.00	80	0	Zone-4 (Sidehill/Chimney)
1903	J-4536	4,932.00	88	0	Zone-4 (Sidehill/Chimney)
1905	J-4537	4,952.00	79	0	Zone-4 (Sidehill/Chimney)
1907	J-4538	4,968.00	72	0	Zone-4 (Sidehill/Chimney)
1313	J-5001	5,066.00	69	0	Zone 5 (West7th)
587	J-6001	5,106.13	91	0	Zone 6 (Boundary)
589	J-6002	5,154.57	70	0	Zone 6 (Boundary)
608	J-6003	5,179.37	59	0	Zone 6 (Boundary)
590	J-6004	5,152.08	71	0	Zone 6 (Boundary)
609	J-6005	5,155.32	69	0	Zone 6 (Boundary)
610	J-6006	5,168.84	63	0	Zone 6 (Boundary)
591	J-6007	5,142.51	75	0	Zone 6 (Boundary)
592	J-6008	5,123.20	83	0	Zone 6 (Boundary)
611	J-6009	5,136.51	77	0	Zone 6 (Boundary)
612	J-6010	5,115.09	87	0	Zone 6 (Boundary)
1458	J-6011	5,131.00	80	0	Zone 6 (Boundary)
1460	J-6012	5,146.00	73	0	Zone 6 (Boundary)
1481	J-6024	5,190.00	54	0	Zone 6 (Boundary)
1483	J-6028	5,174.00	61	0	Zone 6 (Boundary)
1485	J-6029	5,148.00	72	0	Zone 6 (Boundary)
1487	J-6030	5,152.00	71	0	Zone 6 (Boundary)
1505	J-6031	5,160.00	67	0	Zone 6 (Boundary)
1490	J-6032	5,154.00	70	0	Zone 6 (Boundary)
588	J-6034	5,194.00	53	0	Zone Exempt
1308	J-6045	5,066.00	108	0	Zone Exempt
586	J-6046	4,900.00	180	0	Zone Exempt
1536	J-6047	5,200.00	50	0	Zone 6 (Boundary)
1538	J-6048	5,210.00	46	0	Zone 6 (Boundary)
1540	J-6049	5,212.00	45	0	Zone 6 (Boundary)
1542	J-6050	5,164.00	66	0	Zone 6 (Boundary)
1544	J-6051	5,178.00	59	0	Zone 6 (Boundary)
1547	J-6052	5,144.00	74	0	Zone 6 (Boundary)
1553	J-6053	5,144.00	74	0	Zone 6 (Boundary)

	J-6054	5,138.00	77	0	Zone 6 (Boundary)
1551	J-6055	5,145.00	74	0	Zone 6 (Boundary)
1555	J-6056	5,120.00	85	0	Zone 6 (Boundary)
1557	J-6057	5,120.00	85	0	Zone 6 (Boundary)
1559	J-6058	5,134.00	79	0	Zone 6 (Boundary)
1321	J-Section 5.3.2	4,704.00	98	0	Zone 6 (Boundary)
1401	J-Tangberg	4,928.00	90	0	Zone-4 (Sidehill/Chimney)

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