



Public Works Department
ENGINEERING DIVISION

FIRE FLOW REQUEST FORM

DATE RECEIVED:	
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APPLICANT:		PHONE #:	
MAILING ADDRESS:		PROJECT NAME:	
EMAIL ADDRESS:		FAX NUMBER:	
PROJECT LOCATION:		PROPERTY ELEVATION:	

ADDRESS/LOCATION OF FIRE FLOW INFORMATION: HYDRANT #, CROSS STREETS

ENGINEER SIGNATURE: <i>[Signature]</i>	DATE:
SPRINKLER SDESIGNER SIGNATURE:	DATE:
*OWNER SIGNATURE:	DATE:

*OWNER SIGNATURE REQUIRED IF DATA FOR SPRINKLER DESIGN

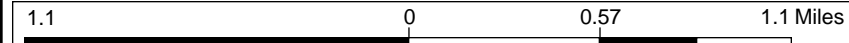
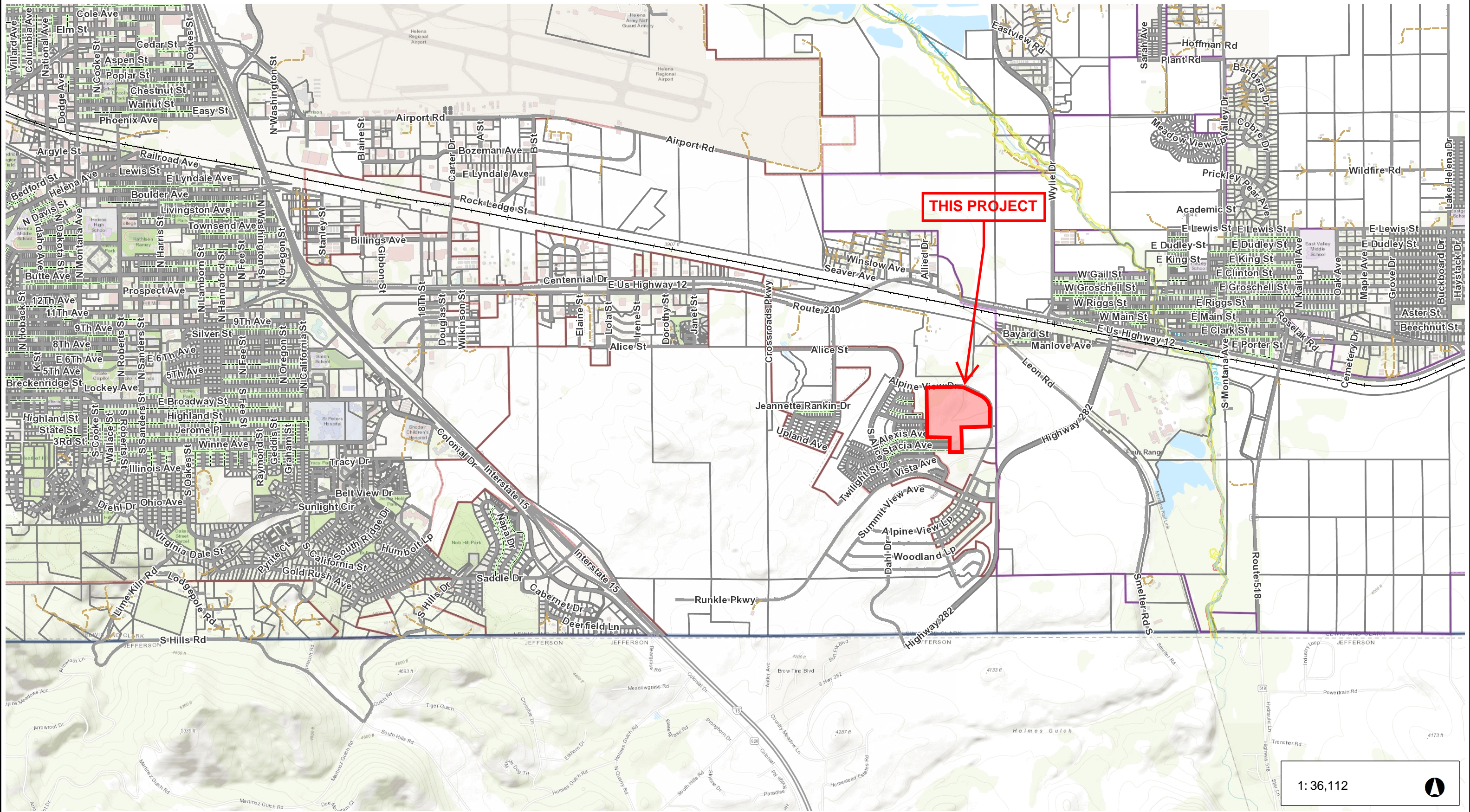
NOTE: All information above must be included by the applicant for the request to be processed.

Please be aware that this information is from a flow test and pressures may fluctuate during the normal operation of the water system. In addition to normal operating pressure fluctuation, the City may change pressure zones in order to better operate the water system.

All fire sprinkler systems are required to be designed at 90% of the maximum operating pressure and a pressure relief valve installed to protect the system from pressure surges. The City of Helena may move the existing Low Malben Pressure Zone to the maximum service elevation of 4009 feet and create the new Valley Pressure Zone to the maximum service elevation of 3819 feet. Any system with a ground elevation that falls within the changing or new pressure zone, must be designed with the calculated design pressure received from the City Engineering Department. Please see the Fire Pressure Zone Map. These requirements will take affect for any system reviewed by the City Fire Marshal after July 1, 2007. A completed copy of this form shall accompany sprinkler system plans submitted to the City of Helena Fire Marshal.

Any system that is located within the changing zone or new pressure zone may delay the installation of the fire pump until the change takes place as long the new system is designed with calculated design pressure received by the City Engineering Department. The owner's signature is required below and a copy of this signed request is to be submitted to the City of Helena Fire Marshall and on file with the City of Helena Building Division prior to receiving occupancy.

PROCESSED BY:		DATE:	
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WGS_1984_Web_Mercator_Auxiliary_Sphere
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CRAFTSMAN VILLAGE PHASE 8

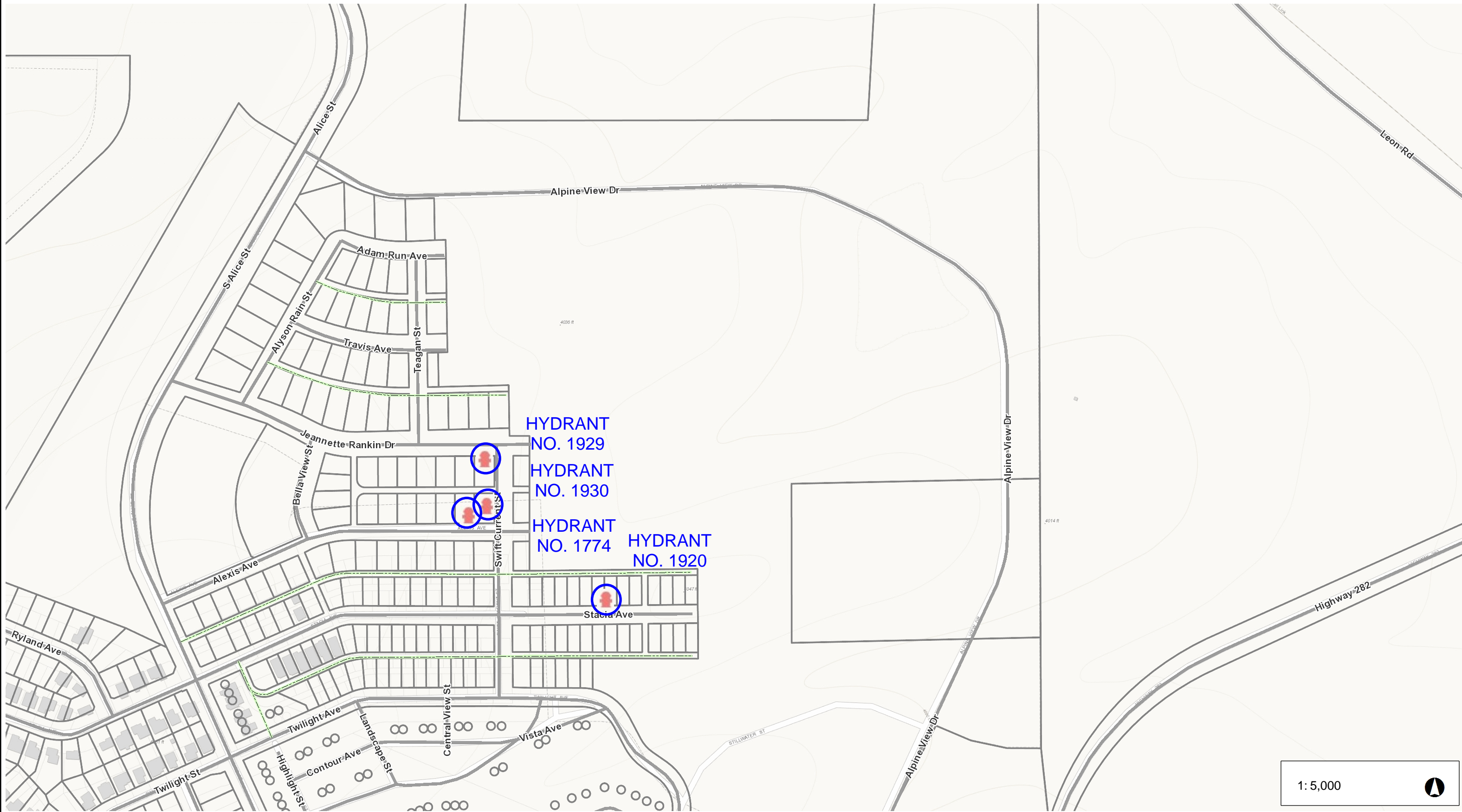
1:36,112



This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

EXISTING FIRE HYDRANT LOCATIONS



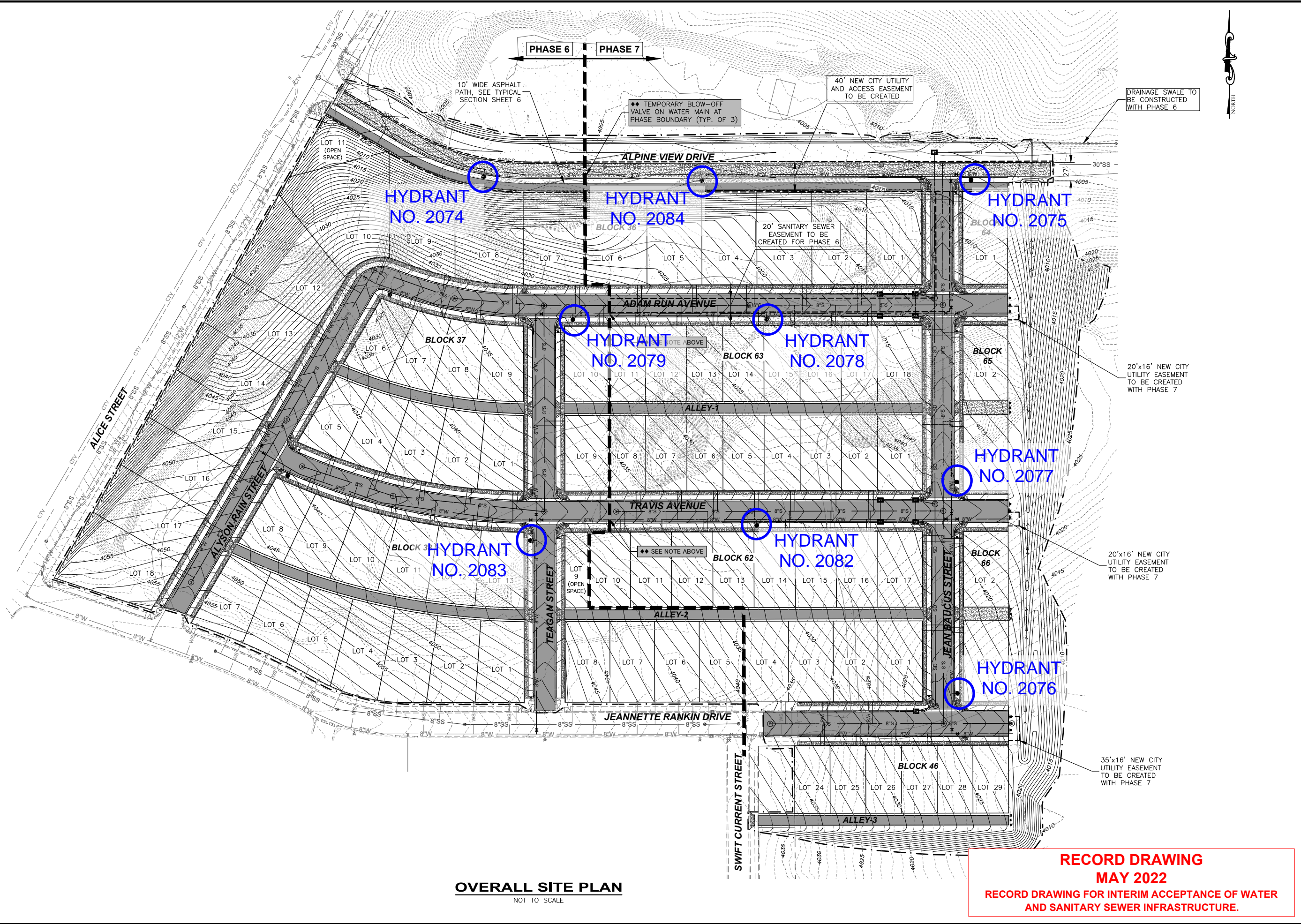
1: 5,000 

0.2 0 0.08 0.2 Miles
WGS_1984_Web_Mercator_Auxiliary_Sphere
© Latitude Geographics Group Ltd.

CRAFTSMAN VILLAGE PHASE 8

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L:\1706-Mountain View Meadows\1907-Craftsman Village-Phase 6\RECORD_DRAWINGS\Interim Acceptance-CV7_1907-CVP6-XX-SP-RCD.dwg

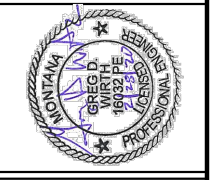


OVERALL SITE PLAN
NOT TO SCALE

RECORD DRAWING
MAY 2022
RECORD DRAWING FOR INTERIM ACCEPTANCE OF WATER
AND SANITARY SEWER INFRASTRUCTURE.

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT: 1907-CVP6
DESIGNED: GDW
DRAWN: JDM
CHECKED: BDS
APPROVED: GDW
DATE: FEBRUARY 28, 2020



CRAFTSMAN VILLAGE PHASE 6 & 7
MOUNTAIN VIEW MEADOWS
HELENA, MT
OVERALL SITE PLAN

SHEET NO.
4
OF 59



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 1774

Model: MUELLER

Secondary Hydrant Number: 1930

Location: ALEXIS & SWIFT CURRENT

Last Inspection Date: 6/14/2022 12:00:00PM

Inspector: TABBERT, NATHAN J

Diffuser Size: 2.50

Static Pressure: 120.00

Residual Pressure: 115.00

Pitot Pressure: 80.00

20 PSI Fire Flow: 7,566.22

Flushing Flow: 1,500.80



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 1920

Model: MUELLER

Secondary Hydrant Number: 1692

Location: 2896 STACIA AVE

Last Inspection Date:	6/14/2022 12:00:00PM
Inspector:	TABBERT, NATHAN J
Diffuser Size:	2.50
Static Pressure:	120.00
Residual Pressure:	110.00
Pitot Pressure:	80.00
20 PSI Fire Flow:	5,203.83
Flushing Flow:	1,500.80



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 1929

Model: MUELLER

Secondary Hydrant Number: 1930

Location: JEANETTE RANKIN

Last Inspection Date:	6/14/2022 12:00:00PM
Inspector:	TABBERT, NATHAN J
Diffuser Size:	2.50
Static Pressure:	120.00
Residual Pressure:	115.00
Pitot Pressure:	80.00
20 PSI Fire Flow:	7,566.22
Flushing Flow:	1,500.80



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 1930

Model: MUELLER

Secondary Hydrant Number: 1774

Location: ALEXIS & SWIFTCURRENT

Last Inspection Date: 6/14/2022 12:00:00PM

Inspector: TABBERT, NATHAN J

Diffuser Size: 2.50

Static Pressure: 120.00

Residual Pressure: 115.00

Pitot Pressure: 80.00

20 PSI Fire Flow: 7,566.22

Flushing Flow: 1,500.80



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2074

Model: MUELLER

Secondary Hydrant Number: 2084

Location: ALPINE VIEW DR

Last Inspection Date: 6/14/2022 12:00:00PM

Inspector: TABBERT, NATHAN J

Diffuser Size: 2.50

Static Pressure: 125.00

Residual Pressure: 118.00

Pitot Pressure: 83.00

20 PSI Fire Flow: 6,597.99

Flushing Flow: 1,528.70



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2079

Model: MUELLER

Secondary Hydrant Number: 2078

Location: ADAM RUN & TEAGAN

Last Inspection Date: 6/14/2022 12:00:00PM

Inspector: TABBERT, NATHAN J

Diffuser Size: 2.50

Static Pressure: 125.00

Residual Pressure: 118.00

Pitot Pressure: 100.00

20 PSI Fire Flow: 7,241.95

Flushing Flow: 1,677.90



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2083

Model: MUELLER

Secondary Hydrant Number: 2082

Location: TEAGAN & TRAVIS

Last Inspection Date: 6/14/2022 12:00:00PM

Inspector: TABBERT, NATHAN J

Diffuser Size: 2.50

Static Pressure: 123.00

Residual Pressure: 118.00

Pitot Pressure: 78.00

20 PSI Fire Flow: 7,591.14

Flushing Flow: 1,481.90



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2075	Model:
Secondary Hydrant Number: 2084	Location: ALPINE VIEW & JEAN BAUCUS
Last Inspection Date:	6/14/2022 12:00:00PM
Inspector:	TABBERT, NATHAN J
Diffuser Size:	2.50
Static Pressure:	125.00
Residual Pressure:	115.00
Pitot Pressure:	95.00
20 PSI Fire Flow:	5,822.28
Flushing Flow:	1,635.50



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2076	Model: MUELLER
Secondary Hydrant Number: 2077	Location: JEAN BAUCUS & JEANNETTE BANKIN
Last Inspection Date:	6/14/2022 12:00:00PM
Inspector:	TABBERT, NATHAN J
Diffuser Size:	2.50
Static Pressure:	125.00
Residual Pressure:	120.00
Pitot Pressure:	85.00
20 PSI Fire Flow:	8,007.35
Flushing Flow:	1,547.00



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2077	Model:
Secondary Hydrant Number: 2076	Location: JEAN BAUCUS & TRAVIS
Last Inspection Date:	6/14/2022 12:00:00PM
Inspector:	TABBERT, NATHAN J
Diffuser Size:	2.50
Static Pressure:	125.00
Residual Pressure:	120.00
Pitot Pressure:	90.00
20 PSI Fire Flow:	8,239.24
Flushing Flow:	1,591.80



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2078	Model:
Secondary Hydrant Number: 2079	Location: ADAM RUN AVE
Last Inspection Date:	6/14/2022 12:00:00PM
Inspector:	TABBERT, NATHAN J
Diffuser Size:	2.50
Static Pressure:	125.00
Residual Pressure:	115.00
Pitot Pressure:	90.00
20 PSI Fire Flow:	5,666.71
Flushing Flow:	1,591.80



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2082

Model: MUELLER

Secondary Hydrant Number: 2077

Location: TRAVIS AVE

Last Inspection Date:	6/14/2022 12:00:00PM
Inspector:	TABBERT, NATHAN J
Diffuser Size:	2.50
Static Pressure:	125.00
Residual Pressure:	115.00
Pitot Pressure:	80.00
20 PSI Fire Flow:	5,342.75
Flushing Flow:	1,500.80



Utilities Maintenance Division

Fire Hydrant Flow Test Report

Primary Hydrant Number: 2084

Model: MUELLER

Secondary Hydrant Number: 2075

Location: ALPINE VIEW DR

Last Inspection Date: 6/14/2022 12:00:00PM

Inspector: TABBERT, NATHAN J

Diffuser Size: 2.50

Static Pressure: 125.00

Residual Pressure: 115.00

Pitot Pressure: 95.00

20 PSI Fire Flow: 5,822.28

Flushing Flow: 1,635.50