

Final Map, Plan, and Report

For The

Town of LeRoy Water District No. 12

May 2023
Revised February 2024



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I. General

The Town of LeRoy has received public interest in establishing a water district, along portions of Oatka Trail, North Road, Vallance Road, Gully Road, Hebbard Road, Conlon Road, Circular Hill Road, Parmalee Road, Wilcox Road, Griswold Road, Hewes Road, W. Bergen Road, School Road, Warner Road, Thwing Road, Britt Road, Randall Road, E, Bethany LeRoy Road, Cole Road, Bernd Road, Perry Road, Summit Street Road, Harris Road, Asbury Road, York Road, and Linwood Road as shown in Figure 1 at the end of this report.

A water district is a special use district required by Town Law where a specific area of the town receives a specific benefit. The cost for receiving this benefit is borne solely by the property owners in that specific area.

The purpose of this project is to provide a safe and reliable potable water supply and fire protection to residences in the proposed Town of LeRoy Water District No. 12.

II. Project Planning Area

A. Location

The proposed Water District No. 12 will include a total of approximately 173,000 linear feet of 8-inch water main. The water main will be installed along portions of Oatka Trail, North Road, Vallance Road, Gully Road, Hebbard Road, Conlon Road, Circular Hill Road, Parmalee Road, Wilcox Road, Griswold Road, Hewes Road, W. Bergen Road, School Road, Warner Road, Thwing Road, Britt Road, Randall Road, E, Bethany LeRoy Road, Cole Road, Bernd Road, Perry Road, Summit Street Road, Harris Road, Asbury Road, York Road, and Linwood Road and will serve approximately 356 residential and commercial properties.

B. Environmental Resources Present

There are farmlands present in the project area. All construction will be taking place in existing road right-of-ways or easements, and proper construction mitigation and restoration efforts will be implemented based on standard practices common to the industry.

There are Federally and State regulated wetlands, but they will not be impacted by the project as the water main will either be installed in the road right-of-way or directional drilled. In addition, several Class C streams will be crossed as part of the project either under a cross culvert or drilled.

There are no known endangered species in the project area, but the area does have the potential for Northern Long-eared bats. Tree removal, if any, will be limited between April and September.

Historical properties and cultural resources will be further evaluated during design when the precise location of the proposed main can be identified. Construction will not proceed until SHPO is consulted and their approval is obtained.

C. Growth Areas and Population Trends

According to the United States Census, the Town of LeRoy has a population of 3,328 in 2000, 3,250 in 2010, and 3,362 in 2020.

D. Community Engagement

The Town Board has discussed the possibility of extending water to the proposed areas at several public meeting over the past 3-years. In addition, the Town sent out a public survey form to the properties in the proposed district, receiving 172 responses.

Approximately 75% of the surveys indicated a desire for public water at an annual cost ranging between \$900 and \$1,500 per year. 54% of the respondents indicated they were not satisfied with the quantity of their private water supply and 42% were concerned with the quality.

There will be additional public meetings should the project move forward to advise the public of construction information and for the District formation.

III. Existing Facilities

A. Location Map

The project area in the Town of LeRoy is not currently served by any water district. The proposed facilities will connect to existing water mains in the Towns of LeRoy and Bergen. Refer to the project location map on Figure No. 1 at the end of this report.

B. Existing Water Supply

The entire area of the proposed water district is presently served by private wells. The Town of LeRoy has received several complaints about the quality and quantity of the water in the area. Residents in this area have experienced the following problems:

1. **Insufficient quantity** of water is available for residential wells. Residents must conserve water by alternating shower days, alternating laundry days, or not washing clothes in their residences at all.
2. **Poor water quality** is predominant in the existing well supplies. The water quality requires some residents to either boil water for consumption or purchase bottled water for cooking and consumption.

3. **High cost** to operate and maintain existing well supplies. Several residents must purchase chemicals for softening and treatment systems, and must frequently replace their plumbing systems due to corrosion of their fixtures. Several residents currently pay over \$1,500 per year to operate and maintain their water system, which provides them with poor quality water and insufficient quantities at times.
4. **Fire Protection:** Currently, there is no water system to provide fire protection in the proposed water district. Likewise, there are no significant bodies of water in the vicinity that provide an adequate supply of water for fire protection.

C. Water Demands

The existing demands for the proposed service area are as follows:

Single Family Homes

Average Day 58,027 gpd
 (Based on 353 EDU's, each using 60,000 gallons per year)
 Maximum Day 116,054 gpd

Commercial

Average Day 27,781 gpd
 (Equates to 169 Single Family EDU's)
 Maximum Day 55,562 gpd

The future demands for the proposed service area will utilize a 1% increase per year. This increase takes into account population projections and the land use of the area.

IV. Need for Project

A. Health and Safety

The proposed water main will provide safe potable water to the residents of the Town of LeRoy Water District No. 12 and will eliminate the public health risks associated with the quality and quantity of ground water in the area.

B. System O & M

A water distribution network will replace highly expensive individual water treatment units; this will reduce the operation and maintenance costs borne by the residents at this time. The Town of LeRoy will contract with the MCWA to provide retail service and operation and maintenance of the proposed service area.

C. Growth

While economic development is viewed as a project benefit, balancing economic development and land protection is necessary, critical, and has been considered for this project. Agriculture is important to the Town of LeRoy, functioning as a part of the Town's economic base as well as being the foundation for the rural character that the Town wishes to maintain. As a part of the Genesee County Water Supply Program, the County had developed an "Agricultural Land Protection/Smart Growth" plan, which identified a mechanism to direct development toward appropriate areas and away from inappropriate areas including Agricultural Districts. The Town intends to follow the "Smart Growth Plan" and limit future water service connections within the boundaries of Agricultural Districts to only agricultural structures or land and structures that have already been approved for development. Thus, there are no anticipated long-term impacts to the Agricultural Districts as a result of the proposed action including no change in use of agricultural/residential lands within any Agricultural Districts.

V. Alternatives Considered

A. Description

1. Alternative 1 – Null Alternative

Estimated Capital Cost: \$ 0

This alternative proposes to "do nothing". The residents of the Town of LeRoy Water District No. 12 would continue using their existing well treatment systems, some whose annual costs exceed \$1,500. Costs for the purchase of bottled water and off-site laundry services add an estimated \$500 to \$1,000 per year to the cost of a private well. This could mean escalating health problems and water shortages for the residents of the Town of LeRoy Water District No. 12.

2. Alternative 2 – New Water Treatment Plant and Distribution System

There are no available local sources that would be able to meet the demands of the proposed District, therefore this option will not be considered.

3. Alternative 3 – New Water Distribution System

Estimated Capital Cost: \$18,372,000

The proposed action includes the installation of approximately 173,000 linear feet of 8-inch water main in the Town of LeRoy Water District No. 12 service area to provide potable water and fire service.

The project is spread throughout the Town, as the goal of the project is to provide public water to the majority of the property owners currently outside of the existing water districts. The primary service area are as follows:

- The water mains along Randall, Britt, Thwing, and Warner Roads (south of the NYS Thruway) will connect to the 1,070' HGL.
- The water main along Summit Road will connect to the 1,032' HGL.
- The water mains along Cole, Bernd, and E. Bethany LeRoy Road will connect to both the 1,032' and 1,070' HGL's. A PRV vault may be required, to be determined during detailed design.
- The water mains along Warner, Griswold, School, W. Bergen, and Hewes Road (north of the NYS Thruway) will connect to the 820' and 880' HGL's. A PRV vault may be required, to be determined during detailed design.
- The water mains along Harris, Asbury, York, and Linwood Road will connect to the 1,070 HGL.
- The water mains along Oatka Trail, Conlon, Gully, Hebbard, North, and Parmalee Roads will connect to the 1,070' and 820' HGL's. A PRV vault may be required, to be determined during detailed design.

Significant rock is anticipated in many areas and represented in the project estimate.

The estimates are based on PVC water main, which will require the Town to establish a capital reserve to cover long term repairs, as PVC is not the standard from the MCWA. Ductile iron will also be bid, and if within budget, will be selected and will result the elimination of the capital reserve.

The estimated costs for Alternative 3 is detailed in Appendix B.

B. Design Criteria

The Town of LeRoy Proposed Water District No. 12 has been designed to provide safe potable water and fire protection to the residents within the proposed service area.

C. Map

The proposed Town of LeRoy Water District No. 12 map is included in Appendix A.

D. Environmental Impacts

There are no anticipated negative environmental impacts associated with the project. However, an environmental review will be done for the project. All construction will be done in existing road Right-of-Ways or easements, and proper construction mitigation and restoration efforts will be implemented.

E. Advantages/Disadvantages

Although there are significant costs associated with Alternative 3, it is the most viable alternative as it is consistent with the goals and meets the needs of the Town of LeRoy and Genesee County Water Supply Program more effectively than the other alternatives. The advantages of Alternative 3 are as follows:

1. It will eliminate the ongoing health risks associated with the quality and quantity of ground water in the area.
2. It is consistent with the goals of Genesee County to develop a countywide water distribution network.
3. Combined with other proposed water districts, it will be a step towards creating redundancy in the existing system increasing the reliability of potable water supply and fire flow.

VI. Recommended Alternative

The recommended alternative is Alternative 3: New Distribution System for the proposed Town of LeRoy Water District No. 12.

A. Project Design

1. Water Supply

The Town of LeRoy water main will receive water from the MCWA.

2. Treatment

The MCWA will provide treated water to the Town. The treated water will meet all the state and federal drinking water standards.

3. Storage

Water storage in the Town is provided by a 1.5 million gallon (MG) tank in the Town of Stafford, along with 0.75 MG and 1.0 MG tanks in the Village of LeRoy.

4. Pumping Stations

A pumping station located along North Road supplied water from the MCWA to Genesee County, including the Town of LeRoy.

5. Distribution Layout

The entire district is shown in Figure 2 at the end of this report. The MCWA will be responsible for system operation and maintenance. The distribution system will be sized for the needs of the service area.

6. Water Services

The portion of the water service from the right-of-way to the main line will be the responsibility of the District. The portion from the right-of-way to the home will be the responsibility of the homeowner.

7. Hydraulic Analysis

The hydraulic conditions of the proposed system were calculated using the WaterCad[®] hydraulic modeling software. The hydraulic analysis of the system includes the evaluation of available pressures and flows for the proposed water main extensions. The results of the modeling are discussed below.

Hydraulic analysis of the system with a connection to the MCWA included the evaluation of available pressures and flows during various demand conditions.

Using the WaterGEMS software it was determined that the static pressures in the area would be between 50 and 180 psi. Fire flow will be above 750 gpm.

Due to the Town's "Smart Growth Plan", it is not anticipated that demands within the water district will increase by more than 2% in the near future.

B. Proposed Water District Unit Costs

The residents of the Town of LeRoy will assume the cost for the project. The estimated project unit costs are based on financing through USDA Rural Development at a 2.875% interest rate for a 38-year term.

The estimated average annual water cost was estimated based on a retail rate of \$4.17/1,000 gallons from the MWCA and an average usage of 60,000 gallons/unit/year, along with a meter charge of \$0.26 per day. In addition, Genesee County will charge a

surcharge in the amount of \$1.20 per 1,000 gallons and the Town will assess a charge of \$40 per year per EDU for a capital reserve.

1. The estimated costs for the proposed project are detailed in Appendix B and summarized as follows:

Total Estimated Capital Cost	\$18,372,000
Estimated Grants	\$10,676,000
Net Project Costs	\$7,696,000
Annual Debt Service (38 years, 2.875%)	\$335,540
Estimated Debt Service/Unit (539 units)	\$622.52
Estimated Yearly Water Cost	\$417.10
Capital Reserve Cost	\$40.00
Total Estimated Unit Cost (Rounded)	\$1,080

2. Equivalent Dwelling Units

	<u>Number</u>	<u>Total Number of EDU's</u>
Single Family Residential	353	353 units
Vacant Developable	34	17 units
Commercial	14	169 units
	Total = 539.0 units	

3. Other One Time Costs

One Time Meter Fee	\$230
Service Line	\$20/LF (\$800 Average)
Well Separation/ Plumbing Modifications	\$500

VII. Miscellaneous Information

- A. Options for property owner's well

1. Abandon the well.
2. Keep well but separate it from public water plumbing.
3. Keep well and install backflow prevention.

- B. Service Line Information

1. A service line will be installed to all residences, from the water main to the road Right-of-Way, for connection to the public water system.

D. Short Lived Assets

The water main, fire hydrants, valves, and water services should have a useful life of approximately 50 years with routine maintenance. Hydrants and valves may require replacement earlier if they are struck by a snow plow or damaged in an automobile accident.

E. Project Schedule

The project is anticipated to take place in several phases, with an overall schedule as follows:

Design & Permitting	9 Months
Bidding & Award	3 Months
Construction	24 Months

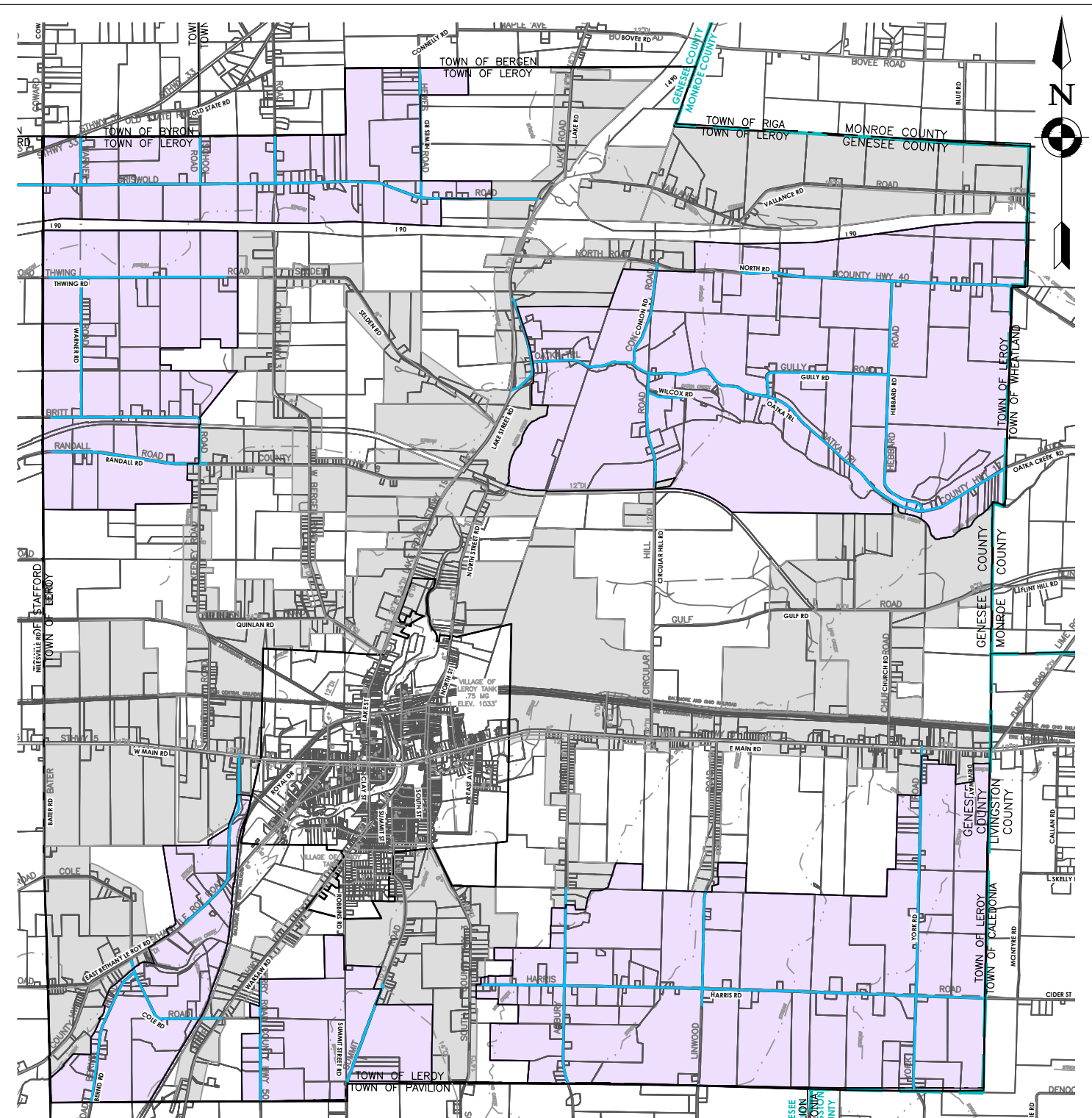
VIII. Conclusions

The Town of LeRoy is committed to providing safe and reliable potable water supply and fire protection to its residents. This specific project will be instrumental in achieving that goal. It is recommended that the Town of LeRoy seek funding for completion of the project.

Figure 1

Project Location Map

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 Date last plotted: 2/19/2024 11:38 AM
 Plotted By: Kathrine Schuler

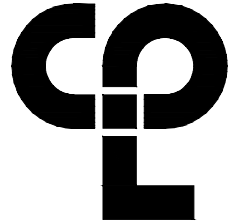


WATER DISTRICT LEGEND

- EXISTING WATER DISTRICTS
- PROPOSED WATER DISTRICT #12

WATER MAIN LEGEND

- EXISTING WATER MAINS
- PROPOSED 8" WATER MAINS



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 255 WOODCLIFF DRIVE, SUITE 200
 FAIRPORT, NY 14450
 CPLteam.com

Project Number
 15985.00
 Client Name
TOWN OF LEROY
 Project Name
WATER DISTRICT #12

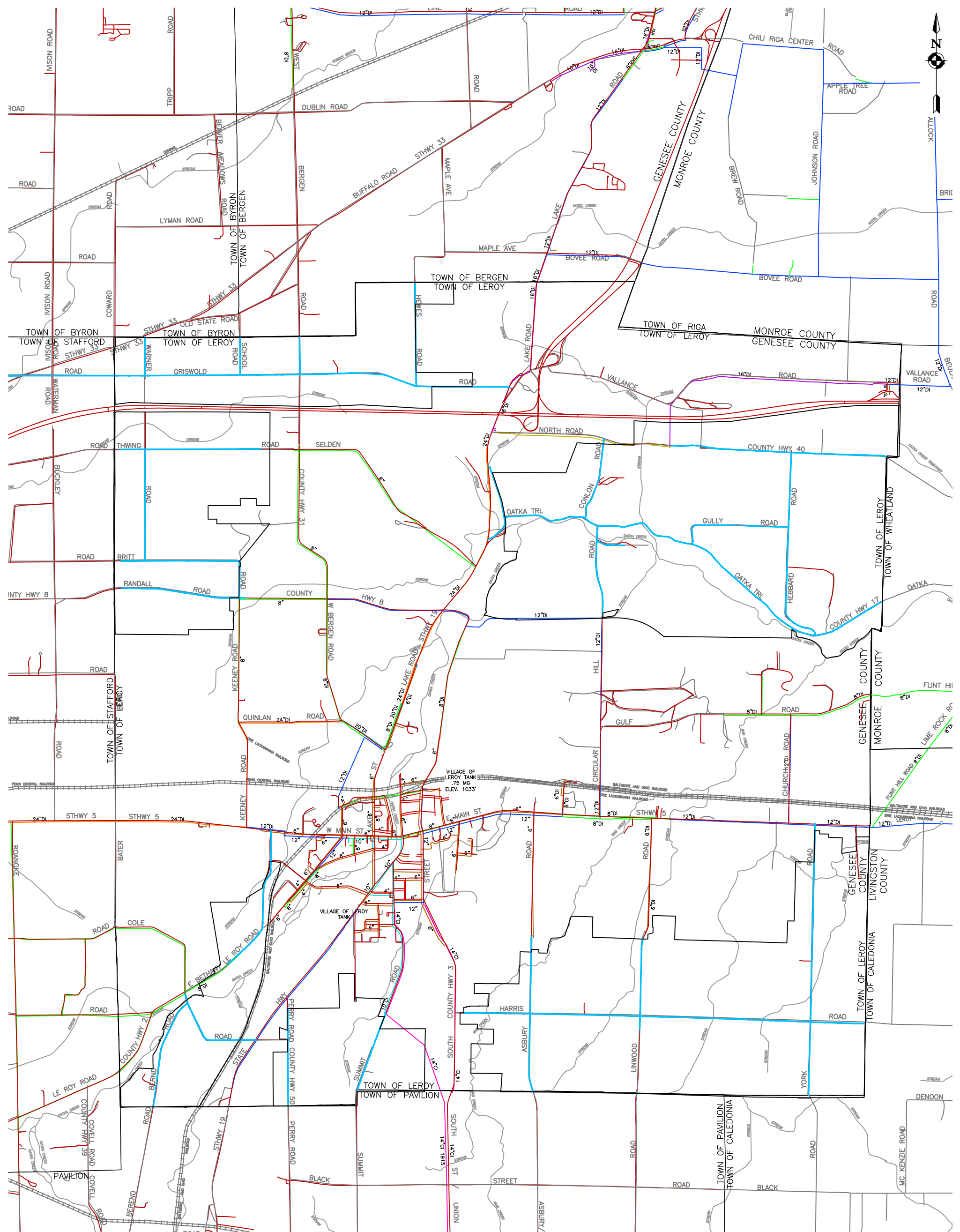
Drawn By
 KMS
 Checked By
 BMW
 Drawing Title
PROPOSED DISTRICT MAP

Scale
 1" = 5000'
 Issued
 02/19/2024

Drawing Number

Figure 2

Water System Map



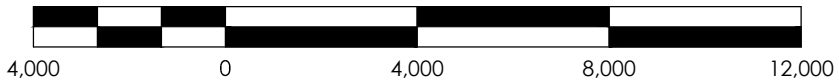
WATER MAIN LEGEND

- | | |
|---|--|
| — EXISTING 2" WATER MAINS | — EXISTING 12" WATER MAINS |
| — EXISTING 4" WATER MAINS | — EXISTING 14" WATER MAINS |
| — EXISTING 6" WATER MAINS | — EXISTING 16" WATER MAINS |
| — EXISTING 8" WATER MAINS | — EXISTING 24" WATER MAINS |
| — EXISTING 10" WATER MAINS | — PROPOSED 8" WATER MAINS |

TOWN OF LEROY WATER DISTRICTS MAP

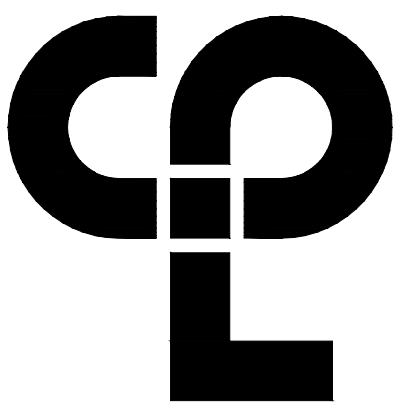
TOWN OF LEROY GENESSEE COUNTY NEW YORK

FEBRUARY 2022



Appendix A

Water District Boundary Map



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 Latham, NY 12110
 CPLTeam.com

PROJECT INFORMATION

Project Number
15985.00
 Client Name

TOWN OF LEROY

Project Name
WATER DISTRICT NO. 12

Project Address
 ENTER VALUE

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

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 PARTY SHALL AFFIX TO THE SEAL THE SEAL AND THE ARCHITECTURE BY FOLLOWING TO
 THE ORIGINAL AND THE DATE OF SUCH REPRODUCTION, AND A SPECIFIC OCCASION OF THE
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SHEET INFORMATION

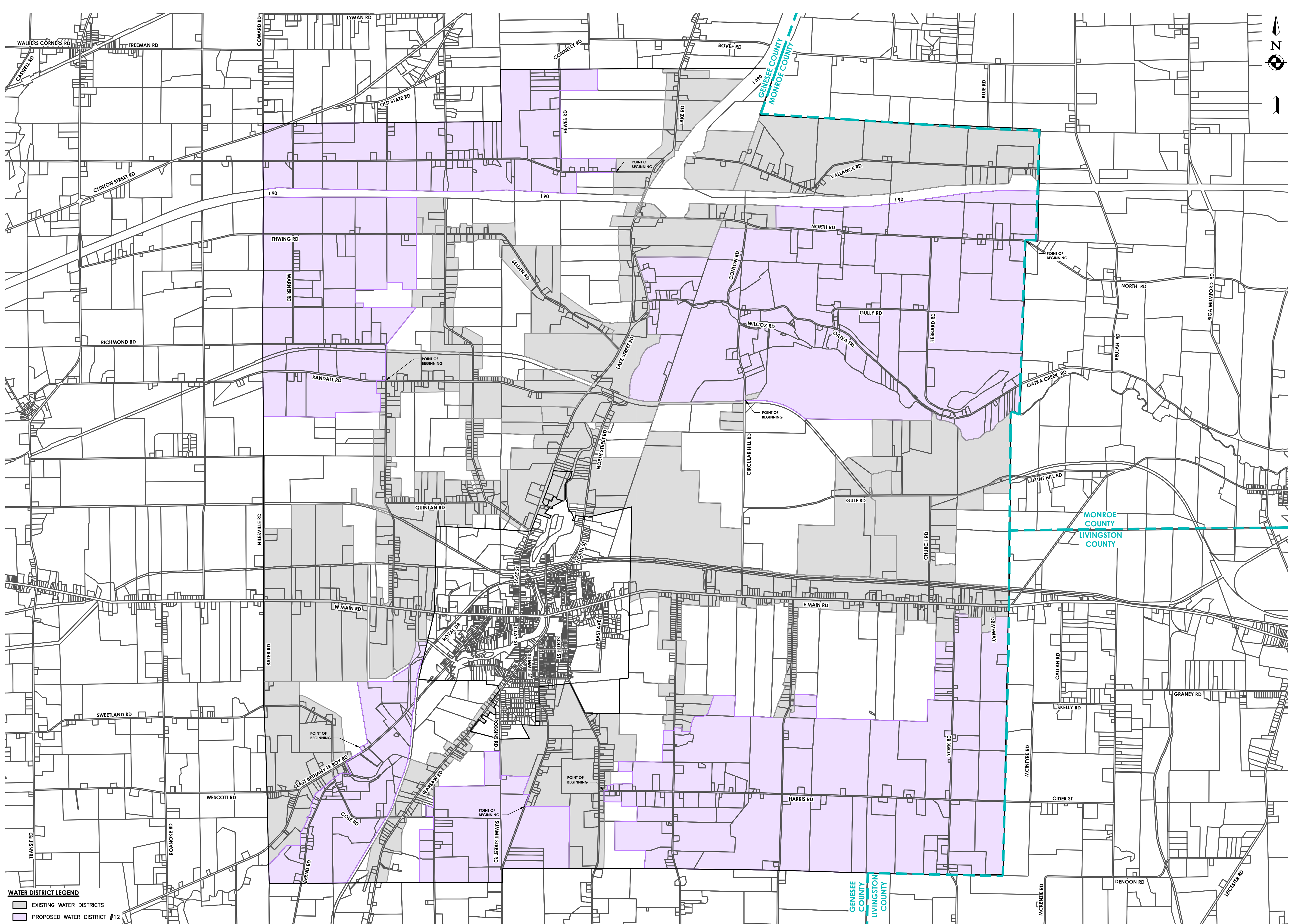
Issued: 05/24/2023 Scale: 1" = 2000'

Drawn By: KMS Checked By: ECW

Drawing file:
**TOWN OF LEROY PROPOSED
 WATER DISTRICT NO. 12**

Drawing Number: XXX Revision Number: X###

**XXX
 X###**



WATER DISTRICT LEGEND
 ■ EXISTING WATER DISTRICTS
 ■ PROPOSED WATER DISTRICT #12

Plotted By: Kathrine Schueller

Date last plotted: 5/24/2023 1:46 PM

Date last accessed: 5/24/2023 1:45 PM

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 Drawing Name: S:\Projects\LeRoy\Towns\Side Water Study\E District Form\ACAD\LeRoy_TWD_Location_Maps.dwg

**TOWN OF LE ROY
WATER DISTRICT NO. 12**

All that tract or parcel of land situate in the Town of Le Roy, County of Genesee, State of New York, being described as follows:

Using the New York State Plane NAD 83, west zone, U.S. Survey foot coordinate system, beginning at a point, whose Northing is 1105465.8994' and whose Easting is 1310786.8393'; thence,

1. Bearing S 89° 57' 35" W for a distance of 678.35 feet, more or less, to a point; thence,
2. Bearing S 89° 52' 58" W for a distance of 286.84 feet, more or less, to a point; thence,
3. Bearing S 89° 59' 58" W for a distance of 146.20 feet, more or less, to a point; thence,
4. Bearing N 88° 51' 05" W for a distance of 170.22 feet, more or less, to a point; thence,
5. Bearing N 89° 23' 05" W for a distance of 195.38 feet, more or less, to a point; thence,
6. Bearing N 89° 30' 46" W for a distance of 223.92 feet, more or less, to a point; thence,
7. Bearing N 88° 49' 52" W for a distance of 98.31 feet, more or less, to a point; thence,
8. Bearing S 00° 36' 13" E for a distance of 672.45 feet, more or less, to a point; thence,
9. Bearing S 00° 55' 53" E for a distance of 300.13 feet, more or less, to a point; thence,
10. Bearing N 88° 11' 27" W for a distance of 698.78 feet, more or less, to a point; thence,
11. Bearing N 86° 42' 09" W for a distance of 1334.00 feet, more or less, to a point; thence,
12. Bearing N 86° 59' 45" W for a distance of 755.28 feet, more or less, to a point; thence,
13. Bearing N 85° 53' 38" W for a distance of 335.83 feet, more or less, to a point; thence,
14. Bearing S 87° 34' 45" W for a distance of 238.65 feet, more or less, to a point; thence,
15. Bearing S 87° 27' 10" W for a distance of 1332.32 feet, more or less, to a point; thence,
16. Bearing N 89° 46' 40" W for a distance of 1112.21 feet, more or less, to a point; thence,
17. Bearing N 88° 26' 09" W for a distance of 108.86 feet, more or less, to a point; thence,
18. Bearing N 88° 55' 22" W for a distance of 74.24 feet, more or less, to a point; thence,
19. Bearing N 88° 55' 22" W for a distance of 559.82 feet, more or less, to a point; thence,
20. Bearing N 88° 52' 55" W for a distance of 659.54 feet, more or less, to a point; thence,
21. Bearing N 88° 49' 24" W for a distance of 1331.60 feet, more or less, to a point; thence,

22. Bearing N 88° 49' 19" W for a distance of 1331.37 feet, more or less, to a point; thence,
23. Bearing N 88° 54' 44" W for a distance of 1560.86 feet, more or less, to a point; thence,
24. Bearing N 88° 32' 19" W for a distance of 1300.54 feet, more or less, to a point; thence,
25. Bearing N 88° 41' 33" W for a distance of 58.17 feet, more or less, to a point; thence,
26. Bearing N 88° 00' 21" W for a distance of 640.05 feet, more or less, to a point; thence,
27. Bearing S 82° 36' 12" W for a distance of 670.82 feet, more or less, to a point; thence,
28. Bearing N 00° 40' 31" W for a distance of 1253.77 feet, more or less, to a point; thence,
29. Bearing N 00° 12' 59" E for a distance of 50.67 feet, more or less, to a point; thence,
30. Bearing N 00° 16' 11" E for a distance of 1220.66 feet, more or less, to a point; thence,
31. Bearing N 19° 45' 46" E for a distance of 81.45 feet, more or less, to a point; thence,
32. Bearing N 00° 06' 12" E for a distance of 385.75 feet, more or less, to a point; thence,
33. Bearing S 89° 10' 45" E for a distance of 1091.24 feet, more or less, to a point; thence,
34. Bearing N 68° 17' 46" E for a distance of 0.23 feet, more or less, to a point; thence,
35. Bearing N 89° 52' 08" E for a distance of 211.64 feet, more or less, to a point; thence,
36. Bearing N 01° 20' 43" E for a distance of 0.89 feet, more or less, to a point; thence,
37. Bearing S 89° 53' 32" E for a distance of 184.50 feet, more or less, to a point; thence,
38. Bearing N 88° 53' 31" E for a distance of 897.46 feet, more or less, to a point; thence,
39. Bearing N 88° 58' 16" E for a distance of 240.11 feet, more or less, to a point; thence,
40. Bearing N 89° 52' 17" E for a distance of 1471.95 feet, more or less, to a point; thence,
41. Bearing N 89° 08' 30" E for a distance of 379.84 feet, more or less, to a point; thence,
42. Bearing N 89° 50' 09" E for a distance of 538.96 feet, more or less, to a point; thence,
43. Bearing N 89° 50' 10" E for a distance of 109.60 feet, more or less, to a point; thence,
44. Bearing N 89° 50' 07" E for a distance of 11.53 feet, more or less, to a point; thence,
45. Bearing N 90° 00' 00" E for a distance of 399.88 feet, more or less, to a point; thence,
46. Bearing N 00° 25' 52" W for a distance of 1.41 feet, more or less, to a point; thence,
47. Bearing N 89° 20' 04" E for a distance of 1138.44 feet, more or less, to a point; thence,

48. Bearing N 89° 39' 30" E for a distance of 183.14 feet, more or less, to a point; thence,
49. Bearing N 89° 11' 57" E for a distance of 1324.88 feet, more or less, to a point; thence,
50. Bearing N 01° 24' 07" W for a distance of 0.04 feet, more or less, to a point; thence,
51. Bearing N 89° 32' 42" E for a distance of 1244.29 feet, more or less, to a point; thence,
52. Bearing N 89° 22' 27" E for a distance of 442.36 feet, more or less, to a point; thence,
53. Bearing N 89° 22' 18" E for a distance of 31.18 feet, more or less, to a point; thence,
54. Bearing N 89° 28' 43" E for a distance of 385.49 feet, more or less, to a point; thence,
55. Bearing N 89° 27' 23" E for a distance of 187.54 feet, more or less, to a point; thence,
56. Bearing N 89° 29' 35" E for a distance of 220.95 feet, more or less, to a point; thence,
57. Bearing N 00° 00' 00" E for a distance of 0.00 feet, more or less, to a point; thence,
58. Bearing N 00° 51' 15" W for a distance of 1580.70 feet, more or less, to a point; thence,
59. Bearing N 00° 51' 15" W for a distance of 237.81 feet, more or less, to a point; thence,
60. Bearing N 00° 44' 21" W for a distance of 522.77 feet, more or less, to a point; thence,
61. Bearing N 89° 30' 50" E for a distance of 1327.73 feet, more or less, to a point; thence,
62. Bearing N 89° 41' 36" E for a distance of 662.84 feet, more or less, to a point; thence,
63. Bearing N 89° 39' 21" E for a distance of 656.07 feet, more or less, to a point; thence,
64. Bearing S 02° 01' 39" E for a distance of 0.45 feet, more or less, to a point; thence,
65. Bearing N 89° 46' 43" E for a distance of 1356.72 feet, more or less, to a point; thence,
66. Bearing N 89° 35' 25" E for a distance of 357.04 feet, more or less, to a point; thence,
67. Bearing S 01° 05' 45" E for a distance of 970.24 feet, more or less, to a point; thence,
68. Bearing N 89° 50' 51" W for a distance of 1712.14 feet, more or less, to a point; thence,
69. Bearing S 01° 08' 26" E for a distance of 167.69 feet, more or less, to a point; thence,
70. Bearing S 00° 41' 32" E for a distance of 202.85 feet, more or less, to a point; thence,
71. Bearing S 00° 18' 46" E for a distance of 248.06 feet, more or less, to a point; thence,
72. Bearing S 00° 41' 43" E for a distance of 660.77 feet, more or less, to a point; thence,
73. Bearing S 00° 44' 32" E for a distance of 502.96 feet, more or less, to a point; thence,

74. Bearing S 00° 30' 32" E for a distance of 187.27 feet, more or less, to a point; thence,
75. Bearing S 00° 37' 55" E for a distance of 604.39 feet, more or less, to a point; thence,
76. Bearing S 00° 33' 45" E for a distance of 472.09 feet, more or less, to a point; thence,
77. Bearing S 89° 58' 47" E for a distance of 570.78 feet, more or less, to a point; thence,
78. Bearing S 89° 34' 57" E for a distance of 675.38 feet, more or less, to a point; thence,
79. Bearing S 89° 54' 31" E for a distance of 1251.55 feet, more or less, to a point; thence,
80. Bearing S 00° 31' 35" W for a distance of 452.61 feet, more or less, to a point; thence,
81. Bearing S 00° 31' 35" E for a distance of 173.90 feet, more or less, to the point of beginning.

Using the New York State Plane NAD 83, west zone, U.S. Survey foot coordinate system, beginning at a point, whose Northing is 1096083.8437' and whose Easting is 1300410.7747'; thence,

1. Bearing N 89° 36' 23" W for a distance of 201.60 feet, more or less, to a point; thence,
2. Bearing S 89° 46' 18" W for a distance of 200.75 feet, more or less, to a point; thence,
3. Bearing S 00° 02' 37" E for a distance of 357.62 feet, more or less, to a point; thence,
4. Bearing S 01° 33' 14" W for a distance of 225.65 feet, more or less, to a point; thence,
5. Bearing S 88° 50' 21" E for a distance of 175.05 feet, more or less, to a point; thence,
6. Bearing S 00° 18' 50" E for a distance of 222.45 feet, more or less, to a point; thence,
7. Bearing S 00° 50' 56" W for a distance of 197.17 feet, more or less, to a point; thence,
8. Bearing S 00° 50' 20" W for a distance of 202.84 feet, more or less, to a point; thence,
9. Bearing S 00° 50' 40" W for a distance of 201.42 feet, more or less, to a point; thence,
10. Bearing N 85° 04' 17" W for a distance of 15.71 feet, more or less, to a point; thence,
11. Bearing S 89° 31' 16" W for a distance of 1987.11 feet, more or less, to a point; thence,
12. Bearing S 00° 11' 17" W for a distance of 221.70 feet, more or less, to a point; thence,
13. Bearing N 89° 19' 49" W for a distance of 1332.22 feet, more or less, to a point; thence,
14. Bearing N 89° 38' 58" W for a distance of 902.85 feet, more or less, to a point; thence,
15. Bearing N 89° 34' 31" W for a distance of 1021.32 feet, more or less, to a point; thence,
16. Bearing N 00° 26' 29" W for a distance of 1327.77 feet, more or less, to a point; thence,

17. Bearing N 00° 23' 52" W for a distance of 262.91 feet, more or less, to a point; thence,
18. Bearing N 00° 31' 18" W for a distance of 389.73 feet, more or less, to a point; thence,
19. Bearing N 00° 00' 45" W for a distance of 71.18 feet, more or less, to a point; thence,
20. Bearing N 04° 02' 19" W for a distance of 12.05 feet, more or less, to a point; thence,
21. Bearing N 00° 14' 05" W for a distance of 429.09 feet, more or less, to a point; thence,
22. Bearing N 00° 04' 34" W for a distance of 149.34 feet, more or less, to a point; thence,
23. Bearing N 00° 06' 43" W for a distance of 590.16 feet, more or less, to a point; thence,
24. Bearing N 00° 19' 45" E for a distance of 50.09 feet, more or less, to a point; thence,
25. Bearing N 00° 02' 53" W for a distance of 1620.44 feet, more or less, to a point; thence,
26. Bearing N 00° 33' 14" E for a distance of 1676.77 feet, more or less, to a point; thence,
27. Bearing N 00° 10' 33" W for a distance of 1600.44 feet, more or less, to a point; thence,
28. Bearing N 00° 07' 02" E for a distance of 49.58 feet, more or less, to a point; thence,
29. Bearing N 00° 10' 45" E for a distance of 1637.83 feet, more or less, to a point; thence,
30. Bearing N 79° 12' 58" E for a distance of 102.12 feet, more or less, to a point; thence,
31. Bearing S 89° 24' 39" E for a distance of 1214.32 feet, more or less, to a point; thence,
32. Bearing N 88° 59' 08" E for a distance of 52.93 feet, more or less, to a point; thence,
33. Bearing N 89° 45' 17" E for a distance of 1300.63 feet, more or less, to a point; thence,
34. Bearing N 90° 00' 00" E for a distance of 2.16 feet, more or less, to a point; thence,
35. Bearing N 89° 59' 44" E for a distance of 1462.77 feet, more or less, to a point; thence,
36. Bearing S 89° 47' 57" E for a distance of 1425.13 feet, more or less, to a point; thence,
37. Bearing S 89° 47' 55" E for a distance of 4.00 feet, more or less, to a point; thence,
38. Bearing S 89° 21' 02" E for a distance of 1327.10 feet, more or less, to a point; thence,
39. Bearing S 00° 01' 15" W for a distance of 1639.43 feet, more or less, to a point; thence,
40. Bearing N 89° 49' 50" E for a distance of 0.28 feet, more or less, to a point; thence,
41. Bearing S 00° 01' 56" W for a distance of 506.13 feet, more or less, to a point; thence,
42. Bearing S 00° 07' 20" W for a distance of 1996.41 feet, more or less, to a point; thence,

43. Bearing N 89° 52' 20" W for a distance of 604.89 feet, more or less, to a point; thence,
44. Bearing N 00° 01' 39" W for a distance of 311.85 feet, more or less, to a point; thence,
45. Bearing N 89° 50' 40" W for a distance of 710.27 feet, more or less, to a point; thence,
46. Bearing S 00° 03' 20" E for a distance of 311.40 feet, more or less, to a point; thence,
47. Bearing S 89° 53' 49" W for a distance of 22.07 feet, more or less, to a point; thence,
48. Bearing S 89° 53' 50" W for a distance of 586.54 feet, more or less, to a point; thence,
49. Bearing S 89° 30' 43" W for a distance of 822.05 feet, more or less, to a point; thence,
50. Bearing S 00° 54' 59" W for a distance of 53.36 feet, more or less, to a point; thence,
51. Bearing S 00° 00' 30" E for a distance of 537.92 feet, more or less, to a point; thence,
52. Bearing S 00° 30' 31" W for a distance of 8.94 feet, more or less, to a point; thence,
53. Bearing S 89° 54' 09" E for a distance of 386.59 feet, more or less, to a point; thence,
54. Bearing S 00° 16' 24" W for a distance of 201.96 feet, more or less, to a point; thence,
55. Bearing S 89° 54' 09" E for a distance of 338.50 feet, more or less, to a point; thence,
56. Bearing S 89° 54' 09" E for a distance of 2012.49 feet, more or less, to a point; thence,
57. Bearing S 38° 38' 44" W for a distance of 349.58 feet, more or less, to a point; thence,
58. Bearing S 38° 46' 32" W for a distance of 1716.51 feet, more or less, to a point; thence,
59. Bearing S 38° 46' 32" W for a distance of 52.77 feet, more or less, to a point; thence,
60. Bearing N 89° 56' 17" W for a distance of 30.57 feet, more or less, to a point; thence,
61. Bearing S 49° 08' 31" E for a distance of 13.95 feet, more or less, to a point; thence,
62. Bearing S 43° 20' 09" E for a distance of 13.95 feet, more or less, to a point; thence,
63. Bearing S 36° 33' 59" E for a distance of 18.58 feet, more or less, to a point; thence,
64. Bearing S 28° 49' 51" E for a distance of 18.58 feet, more or less, to a point; thence,
65. Bearing S 21° 05' 49" E for a distance of 18.58 feet, more or less, to a point; thence,
66. Bearing S 13° 21' 42" E for a distance of 18.58 feet, more or less, to a point; thence,
67. Bearing S 05° 37' 36" E for a distance of 18.58 feet, more or less, to a point; thence,
68. Bearing S 00° 29' 09" W for a distance of 146.94 feet, more or less, to a point; thence,

69. Bearing N 88° 50' 34" W for a distance of 48.31 feet, more or less, to a point; thence,
70. Bearing S 00° 27' 37" W for a distance of 114.08 feet, more or less, to a point; thence,
71. Bearing S 00° 32' 56" W for a distance of 1081.07 feet, more or less, to a point; thence,
72. Bearing S 01° 30' 10" W for a distance of 191.28 feet, more or less, to the point of beginning.

Using the New York State Plane NAD 83, west zone, U.S. Survey foot coordinate system, beginning at a point, whose Northing is 1102395.5036' and whose Easting is 1329234.8116'; thence,

1. Bearing S 02° 28' 00" E for a distance of 20.22 feet, more or less, to a point; thence,
2. Bearing S 01° 22' 31" W for a distance of 245.13 feet, more or less, to a point; thence,
3. Bearing S 01° 24' 25" W for a distance of 668.51 feet, more or less, to a point; thence,
4. Bearing S 01° 53' 33" W for a distance of 1797.44 feet, more or less, to a point; thence,
5. Bearing S 02° 19' 15" W for a distance of 2368.25 feet, more or less, to a point; thence,
6. Bearing S 01° 37' 20" W for a distance of 1329.03 feet, more or less, to a point; thence,
7. Bearing S 01° 42' 04" W for a distance of 64.10 feet, more or less, to a point; thence,
8. Bearing S 01° 41' 36" W for a distance of 1330.91 feet, more or less, to a point; thence,
9. Bearing N 72° 27' 42" W for a distance of 21.04 feet, more or less, to a point; thence,
10. Bearing N 72° 53' 40" W for a distance of 28.72 feet, more or less, to a point; thence,
11. Bearing N 64° 17' 21" W for a distance of 29.29 feet, more or less, to a point; thence,
12. Bearing N 63° 22' 17" W for a distance of 49.59 feet, more or less, to a point; thence,
13. Bearing N 68° 11' 52" W for a distance of 36.10 feet, more or less, to a point; thence,
14. Bearing N 68° 11' 52" W for a distance of 3.69 feet, more or less, to a point; thence,
15. Bearing N 56° 13' 03" W for a distance of 34.28 feet, more or less, to a point; thence,
16. Bearing N 62° 03' 50" W for a distance of 40.61 feet, more or less, to a point; thence,
17. Bearing N 65° 07' 25" W for a distance of 47.70 feet, more or less, to a point; thence,
18. Bearing N 70° 56' 54" W for a distance of 29.03 feet, more or less, to a point; thence,
19. Bearing N 79° 20' 40" W for a distance of 22.56 feet, more or less, to a point; thence,
20. Bearing N 86° 22' 46" W for a distance of 31.73 feet, more or less, to a point; thence,

21. Bearing S 85° 38' 55" W for a distance of 29.65 feet, more or less, to a point; thence,
22. Bearing S 73° 23' 37" W for a distance of 26.44 feet, more or less, to a point; thence,
23. Bearing S 55° 59' 27" W for a distance of 33.20 feet, more or less, to a point; thence,
24. Bearing S 59° 21' 43" W for a distance of 26.60 feet, more or less, to a point; thence,
25. Bearing S 50° 31' 39" W for a distance of 16.77 feet, more or less, to a point; thence,
26. Bearing S 51° 09' 27" W for a distance of 5.83 feet, more or less, to a point; thence,
27. Bearing S 42° 16' 11" W for a distance of 37.15 feet, more or less, to a point; thence,
28. Bearing S 42° 22' 18" W for a distance of 1.73 feet, more or less, to a point; thence,
29. Bearing S 32° 20' 18" W for a distance of 17.50 feet, more or less, to a point; thence,
30. Bearing S 33° 14' 22" W for a distance of 16.03 feet, more or less, to a point; thence,
31. Bearing S 43° 32' 25" W for a distance of 40.63 feet, more or less, to a point; thence,
32. Bearing S 43° 38' 44" W for a distance of 2.71 feet, more or less, to a point; thence,
33. Bearing S 37° 24' 29" W for a distance of 41.61 feet, more or less, to a point; thence,
34. Bearing S 37° 24' 30" W for a distance of 63.29 feet, more or less, to a point; thence,
35. Bearing S 46° 59' 25" W for a distance of 35.06 feet, more or less, to a point; thence,
36. Bearing S 49° 13' 50" W for a distance of 23.92 feet, more or less, to a point; thence,
37. Bearing S 54° 22' 30" W for a distance of 21.33 feet, more or less, to a point; thence,
38. Bearing S 44° 20' 24" W for a distance of 53.12 feet, more or less, to a point; thence,
39. Bearing S 46° 15' 51" W for a distance of 39.25 feet, more or less, to a point; thence,
40. Bearing S 49° 07' 38" W for a distance of 61.16 feet, more or less, to a point; thence,
41. Bearing S 51° 52' 55" W for a distance of 22.07 feet, more or less, to a point; thence,
42. Bearing S 61° 43' 41" W for a distance of 4.47 feet, more or less, to a point; thence,
43. Bearing S 62° 19' 45" W for a distance of 29.74 feet, more or less, to a point; thence,
44. Bearing S 51° 20' 50" W for a distance of 33.56 feet, more or less, to a point; thence,
45. Bearing S 63° 07' 40" W for a distance of 41.60 feet, more or less, to a point; thence,
46. Bearing S 58° 52' 03" W for a distance of 38.89 feet, more or less, to a point; thence,

47. Bearing S 58° 55' 29" W for a distance of 33.80 feet, more or less, to a point; thence,
48. Bearing S 52° 21' 21" W for a distance of 41.38 feet, more or less, to a point; thence,
49. Bearing S 51° 21' 56" W for a distance of 25.81 feet, more or less, to a point; thence,
50. Bearing S 44° 31' 22" W for a distance of 47.65 feet, more or less, to a point; thence,
51. Bearing S 45° 23' 27" W for a distance of 28.84 feet, more or less, to a point; thence,
52. Bearing S 44° 48' 25" W for a distance of 29.78 feet, more or less, to a point; thence,
53. Bearing S 40° 26' 41" W for a distance of 40.47 feet, more or less, to a point; thence,
54. Bearing S 31° 02' 06" W for a distance of 62.33 feet, more or less, to a point; thence,
55. Bearing S 29° 00' 15" W for a distance of 5.82 feet, more or less, to a point; thence,
56. Bearing S 27° 30' 32" W for a distance of 56.71 feet, more or less, to a point; thence,
57. Bearing S 23° 11' 37" W for a distance of 18.82 feet, more or less, to a point; thence,
58. Bearing S 30° 54' 08" W for a distance of 32.00 feet, more or less, to a point; thence,
59. Bearing S 39° 40' 45" W for a distance of 23.39 feet, more or less, to a point; thence,
60. Bearing S 39° 14' 21" W for a distance of 17.91 feet, more or less, to a point; thence,
61. Bearing S 54° 26' 06" W for a distance of 41.65 feet, more or less, to a point; thence,
62. Bearing S 63° 16' 12" W for a distance of 41.69 feet, more or less, to a point; thence,
63. Bearing S 72° 32' 05" W for a distance of 47.96 feet, more or less, to a point; thence,
64. Bearing S 72° 39' 46" W for a distance of 29.74 feet, more or less, to a point; thence,
65. Bearing S 76° 31' 55" W for a distance of 38.16 feet, more or less, to a point; thence,
66. Bearing S 72° 04' 12" W for a distance of 35.61 feet, more or less, to a point; thence,
67. Bearing S 72° 04' 09" W for a distance of 18.33 feet, more or less, to a point; thence,
68. Bearing S 77° 05' 40" W for a distance of 12.24 feet, more or less, to a point; thence,
69. Bearing S 76° 57' 31" W for a distance of 31.49 feet, more or less, to a point; thence,
70. Bearing S 74° 04' 21" W for a distance of 31.27 feet, more or less, to a point; thence,
71. Bearing S 73° 49' 23" W for a distance of 9.57 feet, more or less, to a point; thence,
72. Bearing S 68° 19' 48" W for a distance of 32.91 feet, more or less, to a point; thence,

73. Bearing S 48° 39' 55" W for a distance of 34.96 feet, more or less, to a point; thence,
74. Bearing S 44° 52' 16" W for a distance of 14.05 feet, more or less, to a point; thence,
75. Bearing S 44° 52' 23" W for a distance of 35.57 feet, more or less, to a point; thence,
76. Bearing S 58° 11' 14" W for a distance of 25.87 feet, more or less, to a point; thence,
77. Bearing S 56° 35' 01" W for a distance of 35.21 feet, more or less, to a point; thence,
78. Bearing S 43° 52' 47" W for a distance of 27.62 feet, more or less, to a point; thence,
79. Bearing S 43° 52' 51" W for a distance of 16.58 feet, more or less, to a point; thence,
80. Bearing S 46° 18' 28" W for a distance of 36.36 feet, more or less, to a point; thence,
81. Bearing S 46° 18' 26" W for a distance of 25.69 feet, more or less, to a point; thence,
82. Bearing S 44° 05' 03" W for a distance of 17.10 feet, more or less, to a point; thence,
83. Bearing S 44° 05' 01" W for a distance of 37.96 feet, more or less, to a point; thence,
84. Bearing S 43° 48' 48" W for a distance of 20.80 feet, more or less, to a point; thence,
85. Bearing S 43° 48' 47" W for a distance of 20.31 feet, more or less, to a point; thence,
86. Bearing S 59° 33' 41" W for a distance of 45.64 feet, more or less, to a point; thence,
87. Bearing S 72° 47' 57" W for a distance of 45.42 feet, more or less, to a point; thence,
88. Bearing S 80° 08' 04" W for a distance of 52.08 feet, more or less, to a point; thence,
89. Bearing S 83° 35' 09" W for a distance of 51.47 feet, more or less, to a point; thence,
90. Bearing S 83° 29' 56" W for a distance of 8.95 feet, more or less, to a point; thence,
91. Bearing S 80° 19' 57" W for a distance of 59.81 feet, more or less, to a point; thence,
92. Bearing S 80° 31' 17" W for a distance of 54.25 feet, more or less, to a point; thence,
93. Bearing S 84° 57' 01" W for a distance of 45.53 feet, more or less, to a point; thence,
94. Bearing S 80° 29' 31" W for a distance of 56.27 feet, more or less, to a point; thence,
95. Bearing S 77° 39' 15" W for a distance of 51.20 feet, more or less, to a point; thence,
96. Bearing S 77° 15' 56" W for a distance of 16.61 feet, more or less, to a point; thence,
97. Bearing S 72° 26' 44" W for a distance of 43.37 feet, more or less, to a point; thence,
98. Bearing S 75° 34' 14" W for a distance of 50.54 feet, more or less, to a point; thence,

99. Bearing S 85° 29' 30" W for a distance of 37.90 feet, more or less, to a point; thence,
100. Bearing S 85° 29' 15" W for a distance of 3.01 feet, more or less, to a point; thence,
101. Bearing N 75° 42' 21" W for a distance of 38.05 feet, more or less, to a point; thence,
102. Bearing N 60° 11' 26" W for a distance of 28.97 feet, more or less, to a point; thence,
103. Bearing N 43° 48' 58" W for a distance of 37.92 feet, more or less, to a point; thence,
104. Bearing N 29° 46' 34" W for a distance of 41.53 feet, more or less, to a point; thence,
105. Bearing N 58° 24' 47" W for a distance of 33.25 feet, more or less, to a point; thence,
106. Bearing N 53° 50' 08" W for a distance of 27.19 feet, more or less, to a point; thence,
107. Bearing N 53° 50' 10" W for a distance of 7.89 feet, more or less, to a point; thence,
108. Bearing N 41° 43' 45" W for a distance of 25.54 feet, more or less, to a point; thence,
109. Bearing N 41° 43' 23" W for a distance of 1.84 feet, more or less, to a point; thence,
110. Bearing N 41° 45' 37" W for a distance of 0.39 feet, more or less, to a point; thence,
111. Bearing N 28° 46' 12" W for a distance of 27.60 feet, more or less, to a point; thence,
112. Bearing N 28° 46' 10" W for a distance of 19.75 feet, more or less, to a point; thence,
113. Bearing N 18° 31' 34" W for a distance of 82.80 feet, more or less, to a point; thence,
114. Bearing N 09° 46' 36" W for a distance of 42.93 feet, more or less, to a point; thence,
115. Bearing N 08° 02' 20" W for a distance of 34.26 feet, more or less, to a point; thence,
116. Bearing N 07° 38' 42" W for a distance of 16.83 feet, more or less, to a point; thence,
117. Bearing N 11° 40' 56" W for a distance of 43.15 feet, more or less, to a point; thence,
118. Bearing N 18° 56' 14" W for a distance of 38.38 feet, more or less, to a point; thence,
119. Bearing N 29° 32' 24" W for a distance of 22.81 feet, more or less, to a point; thence,
120. Bearing N 31° 43' 15" W for a distance of 41.46 feet, more or less, to a point; thence,
121. Bearing N 33° 47' 40" W for a distance of 30.35 feet, more or less, to a point; thence,
122. Bearing N 34° 44' 43" W for a distance of 12.12 feet, more or less, to a point; thence,
123. Bearing N 34° 44' 44" W for a distance of 18.36 feet, more or less, to a point; thence,
124. Bearing N 46° 01' 05" W for a distance of 70.01 feet, more or less, to a point; thence,

125. Bearing N 46° 01' 05" W for a distance of 35.52 feet, more or less, to a point; thence,
126. Bearing N 50° 32' 39" W for a distance of 37.84 feet, more or less, to a point; thence,
127. Bearing N 53° 58' 20" W for a distance of 39.88 feet, more or less, to a point; thence,
128. Bearing N 51° 47' 32" W for a distance of 60.25 feet, more or less, to a point; thence,
129. Bearing N 01° 36' 27" E for a distance of 1.18 feet, more or less, to a point; thence,
130. Bearing N 57° 10' 19" W for a distance of 30.99 feet, more or less, to a point; thence,
131. Bearing N 55° 20' 31" W for a distance of 13.15 feet, more or less, to a point; thence,
132. Bearing N 66° 41' 56" W for a distance of 30.87 feet, more or less, to a point; thence,
133. Bearing N 53° 38' 04" W for a distance of 22.28 feet, more or less, to a point; thence,
134. Bearing N 62° 56' 55" W for a distance of 41.38 feet, more or less, to a point; thence,
135. Bearing N 63° 31' 57" W for a distance of 38.00 feet, more or less, to a point; thence,
136. Bearing N 64° 05' 59" W for a distance of 43.08 feet, more or less, to a point; thence,
137. Bearing N 70° 51' 37" W for a distance of 40.04 feet, more or less, to a point; thence,
138. Bearing N 70° 36' 25" W for a distance of 62.16 feet, more or less, to a point; thence,
139. Bearing N 77° 42' 05" W for a distance of 103.39 feet, more or less, to a point; thence,
140. Bearing N 79° 06' 02" W for a distance of 49.15 feet, more or less, to a point; thence,
141. Bearing N 79° 28' 38" W for a distance of 35.61 feet, more or less, to a point; thence,
142. Bearing N 70° 32' 26" W for a distance of 45.16 feet, more or less, to a point; thence,
143. Bearing N 76° 36' 19" W for a distance of 49.62 feet, more or less, to a point; thence,
144. Bearing N 78° 39' 56" W for a distance of 7.33 feet, more or less, to a point; thence,
145. Bearing N 80° 53' 12" W for a distance of 22.27 feet, more or less, to a point; thence,
146. Bearing N 80° 44' 14" W for a distance of 25.04 feet, more or less, to a point; thence,
147. Bearing N 80° 33' 17" W for a distance of 5.83 feet, more or less, to a point; thence,
148. Bearing S 88° 17' 59" W for a distance of 30.10 feet, more or less, to a point; thence,
149. Bearing S 88° 17' 59" W for a distance of 5.55 feet, more or less, to a point; thence,
150. Bearing N 85° 44' 08" W for a distance of 20.70 feet, more or less, to a point; thence,

151. Bearing N 85° 01' 00" W for a distance of 12.88 feet, more or less, to a point; thence,
152. Bearing N 74° 10' 18" W for a distance of 62.00 feet, more or less, to a point; thence,
153. Bearing N 60° 15' 08" W for a distance of 30.53 feet, more or less, to a point; thence,
154. Bearing N 52° 38' 26" W for a distance of 25.02 feet, more or less, to a point; thence,
155. Bearing N 47° 24' 10" W for a distance of 30.87 feet, more or less, to a point; thence,
156. Bearing N 31° 37' 52" W for a distance of 23.48 feet, more or less, to a point; thence,
157. Bearing N 18° 52' 02" W for a distance of 32.23 feet, more or less, to a point; thence,
158. Bearing N 07° 04' 47" W for a distance of 30.76 feet, more or less, to a point; thence,
159. Bearing N 03° 54' 19" E for a distance of 27.75 feet, more or less, to a point; thence,
160. Bearing N 04° 02' 23" E for a distance of 26.80 feet, more or less, to a point; thence,
161. Bearing N 05° 58' 04" W for a distance of 18.22 feet, more or less, to a point; thence,
162. Bearing N 11° 15' 11" W for a distance of 9.12 feet, more or less, to a point; thence,
163. Bearing N 53° 09' 27" W for a distance of 21.40 feet, more or less, to a point; thence,
164. Bearing N 48° 03' 34" W for a distance of 5.92 feet, more or less, to a point; thence,
165. Bearing N 48° 03' 35" W for a distance of 23.43 feet, more or less, to a point; thence,
166. Bearing N 61° 28' 45" W for a distance of 19.39 feet, more or less, to a point; thence,
167. Bearing N 61° 28' 50" W for a distance of 18.11 feet, more or less, to a point; thence,
168. Bearing N 56° 53' 24" W for a distance of 28.70 feet, more or less, to a point; thence,
169. Bearing N 56° 52' 43" W for a distance of 2.38 feet, more or less, to a point; thence,
170. Bearing N 68° 52' 21" W for a distance of 33.30 feet, more or less, to a point; thence,
171. Bearing N 48° 31' 23" W for a distance of 23.55 feet, more or less, to a point; thence,
172. Bearing N 48° 31' 23" W for a distance of 6.78 feet, more or less, to a point; thence,
173. Bearing N 46° 48' 54" W for a distance of 48.02 feet, more or less, to a point; thence,
174. Bearing S 00° 54' 51" W for a distance of 385.90 feet, more or less, to a point; thence,
175. Bearing N 89° 16' 55" W for a distance of 939.14 feet, more or less, to a point; thence,
176. Bearing N 87° 37' 41" W for a distance of 44.84 feet, more or less, to a point; thence,

177. Bearing N 89° 31' 53" W for a distance of 306.12 feet, more or less, to a point; thence,
178. Bearing N 89° 21' 02" W for a distance of 48.80 feet, more or less, to a point; thence,
179. Bearing N 89° 21' 01" W for a distance of 393.20 feet, more or less, to a point; thence,
180. Bearing N 89° 17' 33" W for a distance of 20.62 feet, more or less, to a point; thence,
181. Bearing N 89° 17' 31" W for a distance of 934.24 feet, more or less, to a point; thence,
182. Bearing N 89° 10' 05" W for a distance of 1349.89 feet, more or less, to a point; thence,
183. Bearing N 89° 38' 04" W for a distance of 264.67 feet, more or less, to a point; thence,
184. Bearing N 89° 16' 28" W for a distance of 1374.04 feet, more or less, to a point; thence,
185. Bearing S 00° 10' 41" W for a distance of 21.31 feet, more or less, to a point; thence,
186. Bearing N 47° 48' 41" W for a distance of 82.36 feet, more or less, to a point; thence,
187. Bearing N 49° 08' 25" W for a distance of 85.92 feet, more or less, to a point; thence,
188. Bearing N 50° 35' 08" W for a distance of 85.92 feet, more or less, to a point; thence,
189. Bearing N 52° 01' 51" W for a distance of 85.92 feet, more or less, to a point; thence,
190. Bearing N 53° 28' 35" W for a distance of 85.92 feet, more or less, to a point; thence,
191. Bearing N 54° 55' 19" W for a distance of 85.92 feet, more or less, to a point; thence,
192. Bearing N 56° 22' 01" W for a distance of 85.92 feet, more or less, to a point; thence,
193. Bearing N 57° 48' 45" W for a distance of 85.92 feet, more or less, to a point; thence,
194. Bearing N 57° 59' 02" W for a distance of 77.04 feet, more or less, to a point; thence,
195. Bearing N 59° 44' 48" W for a distance of 77.04 feet, more or less, to a point; thence,
196. Bearing N 61° 30' 36" W for a distance of 77.04 feet, more or less, to a point; thence,
197. Bearing N 63° 16' 23" W for a distance of 77.04 feet, more or less, to a point; thence,
198. Bearing N 65° 02' 10" W for a distance of 77.04 feet, more or less, to a point; thence,
199. Bearing N 66° 47' 58" W for a distance of 77.04 feet, more or less, to a point; thence,
200. Bearing N 68° 33' 44" W for a distance of 77.04 feet, more or less, to a point; thence,
201. Bearing N 70° 25' 33" W for a distance of 85.84 feet, more or less, to a point; thence,
202. Bearing N 72° 01' 52" W for a distance of 78.75 feet, more or less, to a point; thence,

203. Bearing N 73° 32' 44" W for a distance of 78.75 feet, more or less, to a point; thence,
204. Bearing N 75° 03' 37" W for a distance of 78.75 feet, more or less, to a point; thence,
205. Bearing N 76° 34' 30" W for a distance of 78.75 feet, more or less, to a point; thence,
206. Bearing N 78° 05' 22" W for a distance of 78.75 feet, more or less, to a point; thence,
207. Bearing N 79° 36' 16" W for a distance of 78.75 feet, more or less, to a point; thence,
208. Bearing N 81° 07' 09" W for a distance of 78.75 feet, more or less, to a point; thence,
209. Bearing N 82° 38' 01" W for a distance of 78.75 feet, more or less, to a point; thence,
210. Bearing N 84° 14' 18" W for a distance of 88.14 feet, more or less, to a point; thence,
211. Bearing N 82° 50' 45" W for a distance of 66.87 feet, more or less, to a point; thence,
212. Bearing N 84° 50' 13" W for a distance of 66.87 feet, more or less, to a point; thence,
213. Bearing N 86° 49' 41" W for a distance of 66.87 feet, more or less, to a point; thence,
214. Bearing N 88° 33' 01" W for a distance of 48.82 feet, more or less, to a point; thence,
215. Bearing S 89° 16' 10" W for a distance of 97.64 feet, more or less, to a point; thence,
216. Bearing N 89° 45' 07" W for a distance of 114.05 feet, more or less, to a point; thence,
217. Bearing S 89° 21' 00" W for a distance of 114.05 feet, more or less, to a point; thence,
218. Bearing S 88° 27' 06" W for a distance of 114.05 feet, more or less, to a point; thence,
219. Bearing S 87° 33' 12" W for a distance of 114.05 feet, more or less, to a point; thence,
220. Bearing S 86° 39' 19" W for a distance of 114.05 feet, more or less, to a point; thence,
221. Bearing S 89° 01' 20" W for a distance of 66.08 feet, more or less, to a point; thence,
222. Bearing S 88° 07' 44" W for a distance of 1171.29 feet, more or less, to a point; thence,
223. Bearing S 89° 13' 05" W for a distance of 1211.77 feet, more or less, to a point; thence,
224. Bearing S 88° 53' 26" W for a distance of 1417.76 feet, more or less, to a point; thence,
225. Bearing N 21° 48' 58" E for a distance of 51.33 feet, more or less, to a point; thence,
226. Bearing S 88° 59' 59" W for a distance of 67.89 feet, more or less, to a point; thence,
227. Bearing S 89° 00' 00" W for a distance of 256.64 feet, more or less, to a point; thence,
228. Bearing N 88° 41' 47" W for a distance of 68.46 feet, more or less, to a point; thence,

229. Bearing N 87° 44' 09" W for a distance of 67.24 feet, more or less, to a point; thence,
230. Bearing N 86° 50' 38" W for a distance of 58.74 feet, more or less, to a point; thence,
231. Bearing N 86° 02' 39" W for a distance of 54.28 feet, more or less, to a point; thence,
232. Bearing N 83° 30' 51" W for a distance of 54.52 feet, more or less, to a point; thence,
233. Bearing N 83° 51' 59" W for a distance of 47.95 feet, more or less, to a point; thence,
234. Bearing N 83° 04' 49" W for a distance of 48.81 feet, more or less, to a point; thence,
235. Bearing N 82° 13' 42" W for a distance of 56.06 feet, more or less, to a point; thence,
236. Bearing N 81° 17' 52" W for a distance of 58.58 feet, more or less, to a point; thence,
237. Bearing N 80° 22' 44" W for a distance of 54.52 feet, more or less, to a point; thence,
238. Bearing N 79° 29' 50" W for a distance of 54.01 feet, more or less, to a point; thence,
239. Bearing N 78° 34' 40" W for a distance of 59.19 feet, more or less, to a point; thence,
240. Bearing N 77° 30' 54" W for a distance of 71.67 feet, more or less, to a point; thence,
241. Bearing N 76° 25' 34" W for a distance of 62.35 feet, more or less, to a point; thence,
242. Bearing N 75° 23' 02" W for a distance of 65.97 feet, more or less, to a point; thence,
243. Bearing N 74° 21' 27" W for a distance of 60.41 feet, more or less, to a point; thence,
244. Bearing N 73° 21' 18" W for a distance of 63.04 feet, more or less, to a point; thence,
245. Bearing N 72° 18' 29" W for a distance of 65.84 feet, more or less, to a point; thence,
246. Bearing S 22° 11' 36" W for a distance of 20.94 feet, more or less, to a point; thence,
247. Bearing N 68° 37' 17" W for a distance of 57.49 feet, more or less, to a point; thence,
248. Bearing N 38° 26' 34" E for a distance of 35.69 feet, more or less, to a point; thence,
249. Bearing N 41° 52' 20" E for a distance of 25.75 feet, more or less, to a point; thence,
250. Bearing N 31° 40' 49" E for a distance of 21.21 feet, more or less, to a point; thence,
251. Bearing N 27° 38' 40" E for a distance of 32.79 feet, more or less, to a point; thence,
252. Bearing S 79° 40' 22" E for a distance of 23.06 feet, more or less, to a point; thence,
253. Bearing N 21° 02' 01" E for a distance of 21.26 feet, more or less, to a point; thence,
254. Bearing N 17° 03' 27" E for a distance of 18.43 feet, more or less, to a point; thence,

255. Bearing N 05° 49' 57" E for a distance of 13.67 feet, more or less, to a point; thence,
256. Bearing N 23° 12' 00" W for a distance of 7.81 feet, more or less, to a point; thence,
257. Bearing N 07° 44' 46" W for a distance of 19.46 feet, more or less, to a point; thence,
258. Bearing N 30° 11' 24" W for a distance of 20.23 feet, more or less, to a point; thence,
259. Bearing N 26° 28' 54" W for a distance of 22.78 feet, more or less, to a point; thence,
260. Bearing N 07° 06' 01" W for a distance of 48.42 feet, more or less, to a point; thence,
261. Bearing N 02° 13' 10" E for a distance of 21.80 feet, more or less, to a point; thence,
262. Bearing N 11° 50' 54" E for a distance of 20.13 feet, more or less, to a point; thence,
263. Bearing N 19° 12' 57" E for a distance of 25.98 feet, more or less, to a point; thence,
264. Bearing N 16° 27' 08" E for a distance of 26.34 feet, more or less, to a point; thence,
265. Bearing N 10° 29' 51" E for a distance of 14.50 feet, more or less, to a point; thence,
266. Bearing N 02° 32' 53" E for a distance of 28.80 feet, more or less, to a point; thence,
267. Bearing N 01° 31' 51" W for a distance of 33.56 feet, more or less, to a point; thence,
268. Bearing N 02° 44' 45" W for a distance of 27.04 feet, more or less, to a point; thence,
269. Bearing N 00° 22' 01" E for a distance of 32.20 feet, more or less, to a point; thence,
270. Bearing N 02° 47' 31" E for a distance of 52.17 feet, more or less, to a point; thence,
271. Bearing N 00° 23' 49" E for a distance of 27.93 feet, more or less, to a point; thence,
272. Bearing N 03° 36' 47" E for a distance of 46.13 feet, more or less, to a point; thence,
273. Bearing N 04° 48' 37" E for a distance of 47.85 feet, more or less, to a point; thence,
274. Bearing N 07° 33' 43" E for a distance of 26.54 feet, more or less, to a point; thence,
275. Bearing N 10° 41' 38" E for a distance of 32.88 feet, more or less, to a point; thence,
276. Bearing N 09° 26' 34" E for a distance of 44.50 feet, more or less, to a point; thence,
277. Bearing N 14° 26' 16" E for a distance of 24.22 feet, more or less, to a point; thence,
278. Bearing N 14° 07' 20" E for a distance of 74.49 feet, more or less, to a point; thence,
279. Bearing N 19° 24' 34" E for a distance of 38.27 feet, more or less, to a point; thence,
280. Bearing N 19° 58' 47" E for a distance of 37.21 feet, more or less, to a point; thence,

281. Bearing N 13° 00' 49" E for a distance of 28.62 feet, more or less, to a point; thence,
282. Bearing N 18° 33' 47" E for a distance of 34.14 feet, more or less, to a point; thence,
283. Bearing N 20° 15' 21" E for a distance of 38.88 feet, more or less, to a point; thence,
284. Bearing N 26° 13' 00" E for a distance of 31.15 feet, more or less, to a point; thence,
285. Bearing N 24° 18' 15" E for a distance of 76.41 feet, more or less, to a point; thence,
286. Bearing N 25° 23' 57" E for a distance of 32.16 feet, more or less, to a point; thence,
287. Bearing N 25° 32' 54" E for a distance of 46.65 feet, more or less, to a point; thence,
288. Bearing N 30° 04' 47" E for a distance of 37.03 feet, more or less, to a point; thence,
289. Bearing N 30° 26' 44" E for a distance of 35.87 feet, more or less, to a point; thence,
290. Bearing N 37° 56' 42" E for a distance of 22.24 feet, more or less, to a point; thence,
291. Bearing N 35° 23' 32" E for a distance of 65.39 feet, more or less, to a point; thence,
292. Bearing N 44° 10' 45" E for a distance of 35.41 feet, more or less, to a point; thence,
293. Bearing N 39° 33' 23" E for a distance of 35.32 feet, more or less, to a point; thence,
294. Bearing N 47° 09' 02" E for a distance of 23.08 feet, more or less, to a point; thence,
295. Bearing N 45° 07' 02" E for a distance of 27.52 feet, more or less, to a point; thence,
296. Bearing N 42° 23' 33" E for a distance of 33.85 feet, more or less, to a point; thence,
297. Bearing N 35° 20' 58" E for a distance of 30.60 feet, more or less, to a point; thence,
298. Bearing N 34° 04' 59" E for a distance of 36.87 feet, more or less, to a point; thence,
299. Bearing N 17° 23' 43" E for a distance of 7.93 feet, more or less, to a point; thence,
300. Bearing N 10° 39' 16" E for a distance of 28.41 feet, more or less, to a point; thence,
301. Bearing N 10° 02' 12" E for a distance of 21.85 feet, more or less, to a point; thence,
302. Bearing N 23° 36' 01" E for a distance of 1.59 feet, more or less, to a point; thence,
303. Bearing N 23° 35' 43" E for a distance of 17.87 feet, more or less, to a point; thence,
304. Bearing N 22° 24' 08" E for a distance of 32.15 feet, more or less, to a point; thence,
305. Bearing N 11° 16' 33" E for a distance of 32.91 feet, more or less, to a point; thence,
306. Bearing N 07° 58' 56" E for a distance of 25.41 feet, more or less, to a point; thence,

- 307. Bearing N 18° 00' 12" E for a distance of 26.54 feet, more or less, to a point; thence,
- 308. Bearing N 00° 16' 26" W for a distance of 30.00 feet, more or less, to a point; thence,
- 309. Bearing N 15° 03' 51" E for a distance of 28.81 feet, more or less, to a point; thence,
- 310. Bearing N 15° 13' 37" E for a distance of 24.22 feet, more or less, to a point; thence,
- 311. Bearing N 20° 04' 05" E for a distance of 29.23 feet, more or less, to a point; thence,
- 312. Bearing N 30° 33' 56" E for a distance of 18.12 feet, more or less, to a point; thence,
- 313. Bearing N 29° 26' 29" E for a distance of 21.75 feet, more or less, to a point; thence,
- 314. Bearing N 29° 50' 23" E for a distance of 27.41 feet, more or less, to a point; thence,
- 315. Bearing N 24° 21' 39" E for a distance of 13.44 feet, more or less, to a point; thence,
- 316. Bearing N 19° 59' 56" E for a distance of 29.55 feet, more or less, to a point; thence,
- 317. Bearing N 25° 10' 27" E for a distance of 29.52 feet, more or less, to a point; thence,
- 318. Bearing N 30° 49' 21" E for a distance of 44.53 feet, more or less, to a point; thence,
- 319. Bearing N 31° 42' 03" E for a distance of 37.09 feet, more or less, to a point; thence,
- 320. Bearing N 32° 34' 54" E for a distance of 34.80 feet, more or less, to a point; thence,
- 321. Bearing N 34° 18' 53" E for a distance of 31.91 feet, more or less, to a point; thence,
- 322. Bearing N 30° 14' 16" E for a distance of 21.90 feet, more or less, to a point; thence,
- 323. Bearing N 32° 07' 52" E for a distance of 45.11 feet, more or less, to a point; thence,
- 324. Bearing N 35° 03' 52" E for a distance of 31.28 feet, more or less, to a point; thence,
- 325. Bearing N 36° 24' 49" E for a distance of 38.28 feet, more or less, to a point; thence,
- 326. Bearing N 43° 09' 35" E for a distance of 32.09 feet, more or less, to a point; thence,
- 327. Bearing N 42° 35' 14" E for a distance of 37.83 feet, more or less, to a point; thence,
- 328. Bearing N 44° 31' 58" E for a distance of 26.58 feet, more or less, to a point; thence,
- 329. Bearing N 52° 12' 29" E for a distance of 32.79 feet, more or less, to a point; thence,
- 330. Bearing N 55° 45' 06" E for a distance of 22.51 feet, more or less, to a point; thence,
- 331. Bearing N 62° 31' 08" E for a distance of 27.52 feet, more or less, to a point; thence,
- 332. Bearing N 64° 59' 03" E for a distance of 26.54 feet, more or less, to a point; thence,

333. Bearing N 68° 52' 49" E for a distance of 18.74 feet, more or less, to a point; thence,
334. Bearing N 69° 00' 54" E for a distance of 47.87 feet, more or less, to a point; thence,
335. Bearing N 65° 09' 43" E for a distance of 28.50 feet, more or less, to a point; thence,
336. Bearing N 57° 49' 06" E for a distance of 28.00 feet, more or less, to a point; thence,
337. Bearing N 51° 13' 17" E for a distance of 30.89 feet, more or less, to a point; thence,
338. Bearing N 52° 22' 44" E for a distance of 20.72 feet, more or less, to a point; thence,
339. Bearing N 65° 08' 29" E for a distance of 20.47 feet, more or less, to a point; thence,
340. Bearing N 60° 45' 23" E for a distance of 31.32 feet, more or less, to a point; thence,
341. Bearing N 69° 41' 00" E for a distance of 30.28 feet, more or less, to a point; thence,
342. Bearing N 64° 04' 07" E for a distance of 23.09 feet, more or less, to a point; thence,
343. Bearing N 73° 45' 21" E for a distance of 37.42 feet, more or less, to a point; thence,
344. Bearing N 77° 56' 02" E for a distance of 50.98 feet, more or less, to a point; thence,
345. Bearing N 69° 23' 00" E for a distance of 33.06 feet, more or less, to a point; thence,
346. Bearing N 72° 44' 24" E for a distance of 53.36 feet, more or less, to a point; thence,
347. Bearing N 65° 26' 49" E for a distance of 18.02 feet, more or less, to a point; thence,
348. Bearing N 59° 30' 42" E for a distance of 16.91 feet, more or less, to a point; thence,
349. Bearing N 35° 26' 27" E for a distance of 24.56 feet, more or less, to a point; thence,
350. Bearing N 30° 25' 56" E for a distance of 18.03 feet, more or less, to a point; thence,
351. Bearing N 17° 28' 51" E for a distance of 15.88 feet, more or less, to a point; thence,
352. Bearing N 07° 55' 35" E for a distance of 24.22 feet, more or less, to a point; thence,
353. Bearing N 02° 58' 50" E for a distance of 29.54 feet, more or less, to a point; thence,
354. Bearing N 05° 46' 51" E for a distance of 25.95 feet, more or less, to a point; thence,
355. Bearing N 05° 42' 17" E for a distance of 26.31 feet, more or less, to a point; thence,
356. Bearing N 03° 14' 55" E for a distance of 54.24 feet, more or less, to a point; thence,
357. Bearing N 05° 32' 22" E for a distance of 34.81 feet, more or less, to a point; thence,
358. Bearing N 12° 56' 20" E for a distance of 24.61 feet, more or less, to a point; thence,

- 359. Bearing N 15° 54' 39" E for a distance of 38.76 feet, more or less, to a point; thence,
- 360. Bearing N 15° 33' 44" E for a distance of 31.41 feet, more or less, to a point; thence,
- 361. Bearing N 16° 00' 00" E for a distance of 17.27 feet, more or less, to a point; thence,
- 362. Bearing N 21° 24' 08" E for a distance of 14.05 feet, more or less, to a point; thence,
- 363. Bearing N 89° 05' 08" W for a distance of 215.07 feet, more or less, to a point; thence,
- 364. Bearing N 89° 17' 06" W for a distance of 374.13 feet, more or less, to a point; thence,
- 365. Bearing N 02° 03' 58" W for a distance of 415.80 feet, more or less, to a point; thence,
- 366. Bearing N 01° 57' 44" E for a distance of 339.24 feet, more or less, to a point; thence,
- 367. Bearing N 69° 42' 44" E for a distance of 58.08 feet, more or less, to a point; thence,
- 368. Bearing N 05° 18' 29" E for a distance of 60.12 feet, more or less, to a point; thence,
- 369. Bearing N 02° 17' 29" E for a distance of 298.43 feet, more or less, to a point; thence,
- 370. Bearing N 02° 15' 44" E for a distance of 132.86 feet, more or less, to a point; thence,
- 371. Bearing N 08° 54' 43" W for a distance of 235.13 feet, more or less, to a point; thence,
- 372. Bearing N 08° 42' 01" W for a distance of 23.97 feet, more or less, to a point; thence,
- 373. Bearing N 86° 39' 39" E for a distance of 0.57 feet, more or less, to a point; thence,
- 374. Bearing N 10° 21' 41" W for a distance of 25.81 feet, more or less, to a point; thence,
- 375. Bearing N 10° 21' 41" W for a distance of 347.63 feet, more or less, to a point; thence,
- 376. Bearing N 11° 44' 47" W for a distance of 151.54 feet, more or less, to a point; thence,
- 377. Bearing N 11° 56' 53" W for a distance of 95.79 feet, more or less, to a point; thence,
- 378. Bearing N 13° 51' 07" W for a distance of 71.05 feet, more or less, to a point; thence,
- 379. Bearing N 15° 44' 42" W for a distance of 71.05 feet, more or less, to a point; thence,
- 380. Bearing N 17° 38' 18" W for a distance of 71.05 feet, more or less, to a point; thence,
- 381. Bearing N 18° 44' 48" W for a distance of 79.14 feet, more or less, to a point; thence,
- 382. Bearing N 17° 56' 49" W for a distance of 171.97 feet, more or less, to a point; thence,
- 383. Bearing N 17° 30' 40" W for a distance of 81.10 feet, more or less, to a point; thence,
- 384. Bearing N 18° 38' 16" W for a distance of 111.83 feet, more or less, to a point; thence,

385. Bearing N 19° 56' 39" W for a distance of 111.83 feet, more or less, to a point; thence,
386. Bearing N 18° 06' 00" W for a distance of 658.16 feet, more or less, to a point; thence,
387. Bearing N 89° 51' 04" E for a distance of 1602.74 feet, more or less, to a point; thence,
388. Bearing S 89° 37' 44" E for a distance of 1661.76 feet, more or less, to a point; thence,
389. Bearing N 19° 15' 49" E for a distance of 519.98 feet, more or less, to a point; thence,
390. Bearing N 21° 05' 23" E for a distance of 902.87 feet, more or less, to a point; thence,
391. Bearing S 87° 23' 33" E for a distance of 250.68 feet, more or less, to a point; thence,
392. Bearing S 87° 39' 32" E for a distance of 974.46 feet, more or less, to a point; thence,
393. Bearing S 87° 52' 49" E for a distance of 1313.48 feet, more or less, to a point; thence,
394. Bearing N 00° 15' 57" W for a distance of 1078.16 feet, more or less, to a point; thence,
395. Bearing S 87° 13' 32" E for a distance of 872.03 feet, more or less, to a point; thence,
396. Bearing S 87° 10' 44" E for a distance of 495.57 feet, more or less, to a point; thence,
397. Bearing S 87° 17' 11" E for a distance of 279.57 feet, more or less, to a point; thence,
398. Bearing S 88° 54' 11" E for a distance of 71.58 feet, more or less, to a point; thence,
399. Bearing N 89° 12' 37" E for a distance of 800.30 feet, more or less, to a point; thence,
400. Bearing N 88° 43' 47" E for a distance of 490.96 feet, more or less, to a point; thence,
401. Bearing N 87° 12' 06" E for a distance of 27.88 feet, more or less, to a point; thence,
402. Bearing N 88° 35' 00" E for a distance of 813.70 feet, more or less, to a point; thence,
403. Bearing N 89° 02' 44" E for a distance of 413.55 feet, more or less, to a point; thence,
404. Bearing N 82° 04' 55" E for a distance of 822.44 feet, more or less, to a point; thence,
405. Bearing N 82° 29' 27" E for a distance of 1045.69 feet, more or less, to a point; thence,
406. Bearing N 81° 56' 36" E for a distance of 270.30 feet, more or less, to a point; thence,
407. Bearing N 81° 56' 35" E for a distance of 79.10 feet, more or less, to a point; thence,
408. Bearing N 81° 52' 05" E for a distance of 1244.81 feet, more or less, to a point; thence,
409. Bearing N 81° 40' 13" E for a distance of 822.18 feet, more or less, to a point; thence,
410. Bearing N 85° 29' 38" E for a distance of 1549.36 feet, more or less, to a point; thence,

411. Bearing S 89° 26' 24" E for a distance of 910.89 feet, more or less, to a point; thence,
412. Bearing S 89° 15' 28" E for a distance of 877.48 feet, more or less, to a point; thence,
413. Bearing S 01° 14' 55" W for a distance of 627.06 feet, more or less, to a point; thence,
414. Bearing S 01° 14' 12" W for a distance of 1336.85 feet, more or less, to a point; thence,
415. Bearing S 01° 13' 28" W for a distance of 290.21 feet, more or less, to a point; thence,
416. Bearing N 86° 36' 08" W for a distance of 536.12 feet, more or less, to the point of beginning.

Using the New York State Plane NAD 83, west zone, U.S. Survey foot coordinate system, beginning at a point, whose Northing is 1079574.0830' and whose Easting is 1299259.3188'; thence,

1. Bearing N 55° 32' 54" E for a distance of 159.74 feet, more or less, to a point; thence,
2. Bearing S 26° 14' 51" E for a distance of 30.88 feet, more or less, to a point; thence,
3. Bearing N 54° 39' 08" E for a distance of 27.00 feet, more or less, to a point; thence,
4. Bearing N 54° 39' 08" E for a distance of 214.20 feet, more or less, to a point; thence,
5. Bearing N 09° 29' 27" W for a distance of 208.44 feet, more or less, to a point; thence,
6. Bearing N 09° 16' 42" W for a distance of 869.93 feet, more or less, to a point; thence,
7. Bearing N 09° 26' 30" W for a distance of 1100.81 feet, more or less, to a point; thence,
8. Bearing N 09° 37' 16" W for a distance of 637.53 feet, more or less, to a point; thence,
9. Bearing N 89° 57' 25" E for a distance of 444.66 feet, more or less, to a point; thence,
10. Bearing S 88° 20' 19" E for a distance of 36.21 feet, more or less, to a point; thence,
11. Bearing N 89° 37' 38" E for a distance of 1130.30 feet, more or less, to a point; thence,
12. Bearing N 00° 12' 40" W for a distance of 181.02 feet, more or less, to a point; thence,
13. Bearing N 57° 35' 50" E for a distance of 27.76 feet, more or less, to a point; thence,
14. Bearing N 57° 35' 50" E for a distance of 824.80 feet, more or less, to a point; thence,
15. Bearing N 03° 06' 22" E for a distance of 127.38 feet, more or less, to a point; thence,
16. Bearing N 26° 29' 16" E for a distance of 46.69 feet, more or less, to a point; thence,
17. Bearing N 22° 31' 50" E for a distance of 371.23 feet, more or less, to a point; thence,
18. Bearing N 19° 44' 52" E for a distance of 23.22 feet, more or less, to a point; thence,

19. Bearing N 13° 29' 14" E for a distance of 14.41 feet, more or less, to a point; thence,
20. Bearing N 18° 37' 15" E for a distance of 14.41 feet, more or less, to a point; thence,
21. Bearing N 23° 45' 17" E for a distance of 14.41 feet, more or less, to a point; thence,
22. Bearing N 13° 29' 08" E for a distance of 14.19 feet, more or less, to a point; thence,
23. Bearing N 18° 37' 14" E for a distance of 14.19 feet, more or less, to a point; thence,
24. Bearing N 23° 45' 19" E for a distance of 14.19 feet, more or less, to a point; thence,
25. Bearing N 15° 49' 29" E for a distance of 42.79 feet, more or less, to a point; thence,
26. Bearing N 17° 52' 12" E for a distance of 42.79 feet, more or less, to a point; thence,
27. Bearing N 15° 04' 23" E for a distance of 85.68 feet, more or less, to a point; thence,
28. Bearing N 13° 54' 48" E for a distance of 42.78 feet, more or less, to a point; thence,
29. Bearing N 12° 36' 57" E for a distance of 75.52 feet, more or less, to a point; thence,
30. Bearing N 10° 56' 53" E for a distance of 32.74 feet, more or less, to a point; thence,
31. Bearing N 02° 17' 49" E for a distance of 135.87 feet, more or less, to a point; thence,
32. Bearing N 00° 31' 35" E for a distance of 91.70 feet, more or less, to a point; thence,
33. Bearing N 89° 59' 58" E for a distance of 146.24 feet, more or less, to a point; thence,
34. Bearing S 85° 29' 22" E for a distance of 229.81 feet, more or less, to a point; thence,
35. Bearing S 83° 17' 39" E for a distance of 117.08 feet, more or less, to a point; thence,
36. Bearing S 00° 53' 21" W for a distance of 171.67 feet, more or less, to a point; thence,
37. Bearing S 13° 30' 32" W for a distance of 503.25 feet, more or less, to a point; thence,
38. Bearing S 26° 59' 52" W for a distance of 73.25 feet, more or less, to a point; thence,
39. Bearing S 26° 16' 09" W for a distance of 73.25 feet, more or less, to a point; thence,
40. Bearing S 22° 19' 31" W for a distance of 87.14 feet, more or less, to a point; thence,
41. Bearing S 21° 08' 16" W for a distance of 87.14 feet, more or less, to a point; thence,
42. Bearing S 19° 57' 01" W for a distance of 87.14 feet, more or less, to a point; thence,
43. Bearing S 18° 45' 46" W for a distance of 87.14 feet, more or less, to a point; thence,
44. Bearing S 17° 34' 31" W for a distance of 87.14 feet, more or less, to a point; thence,

45. Bearing S 16° 22' 47" W for a distance of 88.40 feet, more or less, to a point; thence,
46. Bearing S 12° 16' 35" W for a distance of 99.75 feet, more or less, to a point; thence,
47. Bearing S 11° 09' 05" W for a distance of 99.75 feet, more or less, to a point; thence,
48. Bearing S 10° 01' 35" W for a distance of 99.75 feet, more or less, to a point; thence,
49. Bearing S 08° 54' 06" W for a distance of 99.75 feet, more or less, to a point; thence,
50. Bearing S 07° 31' 19" W for a distance of 87.82 feet, more or less, to a point; thence,
51. Bearing S 05° 34' 28" W for a distance of 487.70 feet, more or less, to a point; thence,
52. Bearing S 05° 35' 05" W for a distance of 440.68 feet, more or less, to a point; thence,
53. Bearing S 04° 29' 40" W for a distance of 75.25 feet, more or less, to a point; thence,
54. Bearing S 06° 06' 25" W for a distance of 357.24 feet, more or less, to a point; thence,
55. Bearing N 51° 03' 32" W for a distance of 42.49 feet, more or less, to a point; thence,
56. Bearing S 05° 07' 49" W for a distance of 178.82 feet, more or less, to a point; thence,
57. Bearing S 05° 07' 48" W for a distance of 51.62 feet, more or less, to a point; thence,
58. Bearing S 05° 43' 06" W for a distance of 242.62 feet, more or less, to a point; thence,
59. Bearing S 05° 43' 06" W for a distance of 270.00 feet, more or less, to a point; thence,
60. Bearing S 00° 12' 59" E for a distance of 7.95 feet, more or less, to a point; thence,
61. Bearing S 37° 23' 24" E for a distance of 37.30 feet, more or less, to a point; thence,
62. Bearing S 13° 11' 50" W for a distance of 16.80 feet, more or less, to a point; thence,
63. Bearing S 04° 31' 49" W for a distance of 178.88 feet, more or less, to a point; thence,
64. Bearing S 05° 43' 16" W for a distance of 653.64 feet, more or less, to a point; thence,
65. Bearing S 08° 26' 50" W for a distance of 522.81 feet, more or less, to a point; thence,
66. Bearing S 14° 17' 28" W for a distance of 116.54 feet, more or less, to a point; thence,
67. Bearing S 15° 19' 24" W for a distance of 116.54 feet, more or less, to a point; thence,
68. Bearing S 16° 21' 21" W for a distance of 116.54 feet, more or less, to a point; thence,
69. Bearing S 17° 23' 17" W for a distance of 116.54 feet, more or less, to a point; thence,
70. Bearing S 18° 25' 14" W for a distance of 116.54 feet, more or less, to a point; thence,

71. Bearing S 20° 31' 47" W for a distance of 359.81 feet, more or less, to a point; thence,
72. Bearing S 19° 59' 53" W for a distance of 151.46 feet, more or less, to a point; thence,
73. Bearing S 19° 59' 52" W for a distance of 400.39 feet, more or less, to a point; thence,
74. Bearing S 20° 07' 57" W for a distance of 293.98 feet, more or less, to a point; thence,
75. Bearing S 19° 45' 05" W for a distance of 221.63 feet, more or less, to a point; thence,
76. Bearing S 69° 56' 51" E for a distance of 23.89 feet, more or less, to a point; thence,
77. Bearing S 22° 14' 29" W for a distance of 266.75 feet, more or less, to a point; thence,
78. Bearing S 22° 29' 58" W for a distance of 105.94 feet, more or less, to a point; thence,
79. Bearing S 23° 51' 47" W for a distance of 105.94 feet, more or less, to a point; thence,
80. Bearing S 25° 13' 37" W for a distance of 105.94 feet, more or less, to a point; thence,
81. Bearing S 26° 35' 27" W for a distance of 105.94 feet, more or less, to a point; thence,
82. Bearing S 27° 57' 16" W for a distance of 105.94 feet, more or less, to a point; thence,
83. Bearing S 40° 51' 57" W for a distance of 68.21 feet, more or less, to a point; thence,
84. Bearing S 32° 42' 05" W for a distance of 154.47 feet, more or less, to a point; thence,
85. Bearing S 31° 29' 48" W for a distance of 292.38 feet, more or less, to a point; thence,
86. Bearing S 31° 16' 16" W for a distance of 1151.10 feet, more or less, to a point; thence,
87. Bearing S 30° 47' 28" W for a distance of 294.13 feet, more or less, to a point; thence,
88. Bearing S 30° 55' 02" W for a distance of 494.67 feet, more or less, to a point; thence,
89. Bearing S 30° 38' 28" W for a distance of 401.37 feet, more or less, to a point; thence,
90. Bearing S 31° 10' 14" W for a distance of 343.77 feet, more or less, to a point; thence,
91. Bearing S 30° 55' 07" W for a distance of 278.64 feet, more or less, to a point; thence,
92. Bearing S 89° 38' 51" W for a distance of 618.58 feet, more or less, to a point; thence,
93. Bearing S 89° 04' 14" W for a distance of 1407.85 feet, more or less, to a point; thence,
94. Bearing S 89° 41' 14" W for a distance of 51.91 feet, more or less, to a point; thence,
95. Bearing S 89° 40' 19" W for a distance of 1410.89 feet, more or less, to a point; thence,
96. Bearing N 01° 26' 24" W for a distance of 862.56 feet, more or less, to a point; thence,

97. Bearing N 47° 27' 03" E for a distance of 310.30 feet, more or less, to a point; thence,
98. Bearing N 46° 41' 37" E for a distance of 343.80 feet, more or less, to a point; thence,
99. Bearing N 40° 17' 18" W for a distance of 33.09 feet, more or less, to a point; thence,
100. Bearing N 42° 09' 59" E for a distance of 528.46 feet, more or less, to a point; thence,
101. Bearing S 88° 20' 28" E for a distance of 224.05 feet, more or less, to a point; thence,
102. Bearing S 87° 42' 36" E for a distance of 405.12 feet, more or less, to a point; thence,
103. Bearing N 02° 38' 18" E for a distance of 26.92 feet, more or less, to a point; thence,
104. Bearing N 00° 16' 20" W for a distance of 356.07 feet, more or less, to a point; thence,
105. Bearing N 00° 25' 45" W for a distance of 161.97 feet, more or less, to a point; thence,
106. Bearing N 00° 12' 05" E for a distance of 61.32 feet, more or less, to a point; thence,
107. Bearing N 33° 21' 55" E for a distance of 236.48 feet, more or less, to a point; thence,
108. Bearing N 24° 18' 18" E for a distance of 329.73 feet, more or less, to a point; thence,
109. Bearing N 24° 00' 44" E for a distance of 157.80 feet, more or less, to a point; thence,
110. Bearing N 24° 00' 43" E for a distance of 15.29 feet, more or less, to a point; thence,
111. Bearing S 89° 27' 10" W for a distance of 67.98 feet, more or less, to a point; thence,
112. Bearing N 50° 50' 59" E for a distance of 162.39 feet, more or less, to a point; thence,
113. Bearing N 25° 09' 35" E for a distance of 150.27 feet, more or less, to a point; thence,
114. Bearing N 10° 34' 59" E for a distance of 231.85 feet, more or less, to a point; thence,
115. Bearing N 68° 50' 37" W for a distance of 80.30 feet, more or less, to a point; thence,
116. Bearing N 22° 59' 14" E for a distance of 196.93 feet, more or less, to a point; thence,
117. Bearing N 23° 22' 05" E for a distance of 25.36 feet, more or less, to a point; thence,
118. Bearing N 20° 50' 19" E for a distance of 181.97 feet, more or less, to a point; thence,
119. Bearing S 68° 34' 11" E for a distance of 14.66 feet, more or less, to a point; thence,
120. Bearing N 16° 04' 57" E for a distance of 116.11 feet, more or less, to a point; thence,
121. Bearing N 21° 08' 17" E for a distance of 36.33 feet, more or less, to a point; thence,
122. Bearing N 20° 46' 22" E for a distance of 27.93 feet, more or less, to a point; thence,

123. Bearing N 29° 17' 26" E for a distance of 19.06 feet, more or less, to a point; thence,
124. Bearing N 30° 33' 47" E for a distance of 23.41 feet, more or less, to a point; thence,
125. Bearing N 34° 50' 50" E for a distance of 22.49 feet, more or less, to a point; thence,
126. Bearing N 46° 00' 13" E for a distance of 22.91 feet, more or less, to a point; thence,
127. Bearing N 48° 53' 08" E for a distance of 48.49 feet, more or less, to a point; thence,
128. Bearing N 55° 31' 25" E for a distance of 42.44 feet, more or less, to a point; thence,
129. Bearing N 52° 33' 27" E for a distance of 49.60 feet, more or less, to a point; thence,
130. Bearing N 54° 05' 31" E for a distance of 85.59 feet, more or less, to a point; thence,
131. Bearing N 49° 24' 17" E for a distance of 38.01 feet, more or less, to a point; thence,
132. Bearing N 52° 56' 44" E for a distance of 30.77 feet, more or less, to a point; thence,
133. Bearing N 46° 13' 34" E for a distance of 18.16 feet, more or less, to a point; thence,
134. Bearing N 46° 13' 33" E for a distance of 8.54 feet, more or less, to a point; thence,
135. Bearing N 45° 01' 32" E for a distance of 24.85 feet, more or less, to a point; thence,
136. Bearing N 45° 11' 43" E for a distance of 21.15 feet, more or less, to a point; thence,
137. Bearing N 43° 13' 34" E for a distance of 16.81 feet, more or less, to a point; thence,
138. Bearing N 47° 09' 13" E for a distance of 21.81 feet, more or less, to a point; thence,
139. Bearing N 49° 42' 24" E for a distance of 17.47 feet, more or less, to a point; thence,
140. Bearing N 49° 42' 09" E for a distance of 21.45 feet, more or less, to a point; thence,
141. Bearing N 47° 55' 33" E for a distance of 27.14 feet, more or less, to a point; thence,
142. Bearing N 54° 57' 13" E for a distance of 31.45 feet, more or less, to a point; thence,
143. Bearing N 55° 25' 33" E for a distance of 33.33 feet, more or less, to a point; thence,
144. Bearing N 49° 05' 06" E for a distance of 40.65 feet, more or less, to a point; thence,
145. Bearing N 50° 49' 36" E for a distance of 27.72 feet, more or less, to a point; thence,
146. Bearing N 49° 51' 06" E for a distance of 33.57 feet, more or less, to a point; thence,
147. Bearing N 50° 24' 41" E for a distance of 29.85 feet, more or less, to a point; thence,
148. Bearing N 46° 59' 59" E for a distance of 70.62 feet, more or less, to a point; thence,

149. Bearing N 44° 08' 44" E for a distance of 45.71 feet, more or less, to a point; thence,
150. Bearing N 48° 27' 06" E for a distance of 44.95 feet, more or less, to a point; thence,
151. Bearing N 52° 07' 49" E for a distance of 31.42 feet, more or less, to a point; thence,
152. Bearing N 50° 20' 06" E for a distance of 28.78 feet, more or less, to a point; thence,
153. Bearing N 56° 34' 35" E for a distance of 26.54 feet, more or less, to a point; thence,
154. Bearing N 49° 32' 26" E for a distance of 23.86 feet, more or less, to a point; thence,
155. Bearing N 45° 14' 29" E for a distance of 14.53 feet, more or less, to a point; thence,
156. Bearing N 45° 14' 27" E for a distance of 17.41 feet, more or less, to a point; thence,
157. Bearing N 49° 07' 46" E for a distance of 17.65 feet, more or less, to a point; thence,
158. Bearing N 47° 34' 34" E for a distance of 35.70 feet, more or less, to a point; thence,
159. Bearing N 47° 38' 54" E for a distance of 27.74 feet, more or less, to a point; thence,
160. Bearing S 17° 40' 09" E for a distance of 4.06 feet, more or less, to a point; thence,
161. Bearing N 49° 18' 28" E for a distance of 27.38 feet, more or less, to a point; thence,
162. Bearing N 48° 35' 00" E for a distance of 85.77 feet, more or less, to a point; thence,
163. Bearing N 61° 09' 09" E for a distance of 126.33 feet, more or less, to a point; thence,
164. Bearing N 14° 56' 57" W for a distance of 33.35 feet, more or less, to a point; thence,
165. Bearing N 68° 47' 02" E for a distance of 210.80 feet, more or less, to a point; thence,
166. Bearing S 02° 14' 04" E for a distance of 15.93 feet, more or less, to a point; thence,
167. Bearing N 89° 20' 22" E for a distance of 115.09 feet, more or less, to a point; thence,
168. Bearing S 78° 02' 21" E for a distance of 97.05 feet, more or less, to a point; thence,
169. Bearing S 75° 06' 07" E for a distance of 160.96 feet, more or less, to a point; thence,
170. Bearing N 20° 30' 56" W for a distance of 578.35 feet, more or less, to a point; thence,
171. Bearing N 19° 46' 03" W for a distance of 30.83 feet, more or less, to a point; thence,
172. Bearing N 58° 59' 01" E for a distance of 276.76 feet, more or less, to a point; thence,
173. Bearing N 01° 10' 24" W for a distance of 39.28 feet, more or less, to a point; thence,
174. Bearing N 59° 18' 18" E for a distance of 569.81 feet, more or less, to a point; thence,

175. Bearing N 30° 58' 47" W for a distance of 193.38 feet, more or less, to the point of beginning.

Using the New York State Plane NAD 83, west zone, U.S. Survey foot coordinate system, beginning at a point, whose Northing is 1076924.9182' and whose Easting is 1306679.6245'; thence,

1. Bearing S 89° 27' 23" E for a distance of 251.86 feet, more or less, to a point; thence,
2. Bearing S 89° 09' 23" E for a distance of 140.60 feet, more or less, to a point; thence,
3. Bearing N 89° 44' 05" E for a distance of 1634.69 feet, more or less, to a point; thence,
4. Bearing S 01° 13' 07" W for a distance of 1801.57 feet, more or less, to a point; thence,
5. Bearing S 00° 00' 43" E for a distance of 944.11 feet, more or less, to a point; thence,
6. Bearing S 00° 51' 25" W for a distance of 55.90 feet, more or less, to a point; thence,
7. Bearing N 89° 57' 48" W for a distance of 1143.22 feet, more or less, to a point; thence,
8. Bearing N 89° 57' 48" W for a distance of 1835.61 feet, more or less, to a point; thence,
9. Bearing S 09° 07' 51" W for a distance of 36.89 feet, more or less, to a point; thence,
10. Bearing S 07° 25' 54" W for a distance of 36.98 feet, more or less, to a point; thence,
11. Bearing S 05° 43' 14" W for a distance of 37.05 feet, more or less, to a point; thence,
12. Bearing S 00° 09' 22" W for a distance of 515.72 feet, more or less, to a point; thence,
13. Bearing N 88° 41' 20" W for a distance of 55.40 feet, more or less, to a point; thence,
14. Bearing S 89° 48' 08" W for a distance of 575.71 feet, more or less, to a point; thence,
15. Bearing S 89° 41' 47" W for a distance of 36.04 feet, more or less, to a point; thence,
16. Bearing S 89° 47' 49" W for a distance of 856.60 feet, more or less, to a point; thence,
17. Bearing S 89° 48' 15" W for a distance of 1513.71 feet, more or less, to a point; thence,
18. Bearing S 89° 58' 29" W for a distance of 691.27 feet, more or less, to a point; thence,
19. Bearing N 00° 36' 18" W for a distance of 1044.72 feet, more or less, to a point; thence,
20. Bearing N 00° 15' 04" W for a distance of 90.56 feet, more or less, to a point; thence,
21. Bearing N 00° 11' 13" W for a distance of 261.62 feet, more or less, to a point; thence,
22. Bearing N 00° 07' 35" E for a distance of 503.74 feet, more or less, to a point; thence,
23. Bearing N 00° 17' 40" W for a distance of 496.52 feet, more or less, to a point; thence,

24. Bearing N 89° 32' 02" E for a distance of 632.55 feet, more or less, to a point; thence,
25. Bearing N 00° 07' 06" W for a distance of 520.69 feet, more or less, to a point; thence,
26. Bearing N 00° 09' 37" E for a distance of 25.14 feet, more or less, to a point; thence,
27. Bearing N 89° 50' 21" W for a distance of 0.46 feet, more or less, to a point; thence,
28. Bearing N 00° 00' 04" W for a distance of 22.78 feet, more or less, to a point; thence,
29. Bearing N 89° 18' 55" W for a distance of 258.44 feet, more or less, to a point; thence,
30. Bearing S 89° 10' 41" W for a distance of 69.47 feet, more or less, to a point; thence,
31. Bearing N 00° 36' 12" W for a distance of 518.09 feet, more or less, to a point; thence,
32. Bearing S 70° 16' 27" E for a distance of 351.18 feet, more or less, to a point; thence,
33. Bearing N 00° 21' 49" E for a distance of 107.95 feet, more or less, to a point; thence,
34. Bearing N 00° 00' 04" W for a distance of 107.94 feet, more or less, to a point; thence,
35. Bearing N 01° 19' 37" W for a distance of 149.51 feet, more or less, to a point; thence,
36. Bearing N 00° 18' 50" E for a distance of 150.79 feet, more or less, to a point; thence,
37. Bearing N 00° 18' 14" W for a distance of 293.86 feet, more or less, to a point; thence,
38. Bearing N 00° 01' 38" W for a distance of 149.65 feet, more or less, to a point; thence,
39. Bearing N 89° 22' 49" E for a distance of 27.75 feet, more or less, to a point; thence,
40. Bearing N 89° 22' 49" E for a distance of 227.22 feet, more or less, to a point; thence,
41. Bearing N 89° 22' 49" E for a distance of 1321.79 feet, more or less, to a point; thence,
42. Bearing N 89° 22' 49" E for a distance of 750.16 feet, more or less, to a point; thence,
43. Bearing N 01° 29' 55" W for a distance of 1536.41 feet, more or less, to a point; thence,
44. Bearing S 89° 52' 19" E for a distance of 706.97 feet, more or less, to a point; thence,
45. Bearing S 00° 51' 44" E for a distance of 1232.67 feet, more or less, to a point; thence,
46. Bearing S 85° 46' 05" E for a distance of 28.06 feet, more or less, to a point; thence,
47. Bearing S 85° 39' 10" E for a distance of 28.10 feet, more or less, to a point; thence,
48. Bearing N 03° 24' 52" W for a distance of 5.03 feet, more or less, to a point; thence,
49. Bearing N 00° 33' 50" E for a distance of 159.65 feet, more or less, to a point; thence,

50. Bearing S 87° 29' 23" E for a distance of 1265.50 feet, more or less, to a point; thence,
51. Bearing S 20° 32' 22" W for a distance of 833.03 feet, more or less, to a point; thence,
52. Bearing N 89° 42' 17" E for a distance of 296.85 feet, more or less, to a point; thence,
53. Bearing S 21° 07' 03" W for a distance of 594.21 feet, more or less, to the point of beginning.

Using the New York State Plane NAD 83, west zone, U.S. Survey foot coordinate system, beginning at a point, whose Northing is 1077634.5582' and whose Easting is 1310241.6228'; thence,

1. Bearing S 88° 52' 17" E for a distance of 167.33 feet, more or less, to a point; thence,
2. Bearing N 00° 03' 18" W for a distance of 253.84 feet, more or less, to a point; thence,
3. Bearing S 89° 11' 26" E for a distance of 127.32 feet, more or less, to a point; thence,
4. Bearing N 00° 24' 53" W for a distance of 26.57 feet, more or less, to a point; thence,
5. Bearing N 89° 35' 09" E for a distance of 134.00 feet, more or less, to a point; thence,
6. Bearing N 03° 36' 25" E for a distance of 26.62 feet, more or less, to a point; thence,
7. Bearing S 89° 36' 07" E for a distance of 252.80 feet, more or less, to a point; thence,
8. Bearing S 87° 35' 07" E for a distance of 149.10 feet, more or less, to a point; thence,
9. Bearing N 00° 12' 01" W for a distance of 14.65 feet, more or less, to a point; thence,
10. Bearing S 89° 21' 31" E for a distance of 446.88 feet, more or less, to a point; thence,
11. Bearing N 01° 46' 00" E for a distance of 555.85 feet, more or less, to a point; thence,
12. Bearing S 89° 55' 53" W for a distance of 658.55 feet, more or less, to a point; thence,
13. Bearing N 00° 44' 59" E for a distance of 445.54 feet, more or less, to a point; thence,
14. Bearing S 89° 21' 47" E for a distance of 663.32 feet, more or less, to a point; thence,
15. Bearing N 89° 10' 56" E for a distance of 118.31 feet, more or less, to a point; thence,
16. Bearing S 89° 21' 45" E for a distance of 1197.75 feet, more or less, to a point; thence,
17. Bearing N 01° 28' 43" E for a distance of 539.96 feet, more or less, to a point; thence,
18. Bearing N 00° 08' 32" W for a distance of 256.52 feet, more or less, to a point; thence,
19. Bearing S 89° 18' 25" E for a distance of 25.10 feet, more or less, to a point; thence,
20. Bearing N 01° 19' 43" E for a distance of 632.65 feet, more or less, to a point; thence,

21. Bearing S 89° 27' 45" E for a distance of 68.24 feet, more or less, to a point; thence,
22. Bearing S 88° 54' 28" E for a distance of 430.95 feet, more or less, to a point; thence,
23. Bearing N 01° 11' 26" E for a distance of 116.77 feet, more or less, to a point; thence,
24. Bearing S 89° 20' 54" E for a distance of 333.25 feet, more or less, to a point; thence,
25. Bearing S 00° 14' 56" E for a distance of 158.10 feet, more or less, to a point; thence,
26. Bearing S 89° 36' 32" E for a distance of 365.19 feet, more or less, to a point; thence,
27. Bearing N 10° 10' 03" E for a distance of 393.69 feet, more or less, to a point; thence,
28. Bearing N 23° 06' 23" E for a distance of 298.53 feet, more or less, to a point; thence,
29. Bearing N 87° 18' 45" E for a distance of 375.35 feet, more or less, to a point; thence,
30. Bearing N 68° 03' 35" E for a distance of 121.57 feet, more or less, to a point; thence,
31. Bearing N 65° 30' 38" E for a distance of 125.50 feet, more or less, to a point; thence,
32. Bearing N 18° 21' 56" E for a distance of 473.25 feet, more or less, to a point; thence,
33. Bearing N 18° 24' 53" E for a distance of 433.06 feet, more or less, to a point; thence,
34. Bearing S 88° 13' 34" E for a distance of 958.95 feet, more or less, to a point; thence,
35. Bearing S 01° 55' 28" W for a distance of 866.67 feet, more or less, to a point; thence,
36. Bearing S 01° 55' 29" W for a distance of 48.25 feet, more or less, to a point; thence,
37. Bearing S 88° 42' 28" E for a distance of 732.78 feet, more or less, to a point; thence,
38. Bearing S 89° 25' 57" E for a distance of 13.69 feet, more or less, to a point; thence,
39. Bearing S 89° 23' 54" E for a distance of 111.75 feet, more or less, to a point; thence,
40. Bearing S 87° 52' 17" E for a distance of 774.79 feet, more or less, to a point; thence,
41. Bearing S 87° 49' 45" E for a distance of 117.71 feet, more or less, to a point; thence,
42. Bearing S 87° 48' 56" E for a distance of 275.61 feet, more or less, to a point; thence,
43. Bearing S 88° 25' 01" E for a distance of 221.23 feet, more or less, to a point; thence,
44. Bearing S 21° 14' 57" W for a distance of 0.48 feet, more or less, to a point; thence,
45. Bearing S 89° 00' 37" E for a distance of 229.23 feet, more or less, to a point; thence,
46. Bearing N 00° 55' 11" E for a distance of 213.28 feet, more or less, to a point; thence,

47. Bearing N 74° 59' 47" E for a distance of 56.72 feet, more or less, to a point; thence,
48. Bearing N 73° 46' 34" E for a distance of 174.28 feet, more or less, to a point; thence,
49. Bearing N 01° 25' 47" E for a distance of 260.39 feet, more or less, to a point; thence,
50. Bearing N 87° 50' 15" W for a distance of 36.11 feet, more or less, to a point; thence,
51. Bearing N 02° 10' 06" E for a distance of 219.28 feet, more or less, to a point; thence,
52. Bearing N 02° 20' 52" E for a distance of 83.93 feet, more or less, to a point; thence,
53. Bearing N 02° 48' 30" E for a distance of 205.85 feet, more or less, to a point; thence,
54. Bearing S 88° 38' 09" E for a distance of 588.34 feet, more or less, to a point; thence,
55. Bearing S 88° 21' 28" E for a distance of 426.65 feet, more or less, to a point; thence,
56. Bearing S 02° 32' 29" W for a distance of 517.24 feet, more or less, to a point; thence,
57. Bearing S 01° 39' 35" W for a distance of 529.52 feet, more or less, to a point; thence,
58. Bearing S 88° 30' 18" E for a distance of 2451.52 feet, more or less, to a point; thence,
59. Bearing S 88° 33' 19" E for a distance of 210.49 feet, more or less, to a point; thence,
60. Bearing S 88° 10' 39" E for a distance of 813.05 feet, more or less, to a point; thence,
61. Bearing S 88° 12' 35" E for a distance of 267.85 feet, more or less, to a point; thence,
62. Bearing S 88° 12' 07" E for a distance of 1244.51 feet, more or less, to a point; thence,
63. Bearing N 02° 10' 16" E for a distance of 979.82 feet, more or less, to a point; thence,
64. Bearing S 88° 04' 41" E for a distance of 292.06 feet, more or less, to a point; thence,
65. Bearing N 01° 25' 37" E for a distance of 201.84 feet, more or less, to a point; thence,
66. Bearing N 01° 25' 37" E for a distance of 104.25 feet, more or less, to a point; thence,
67. Bearing N 01° 25' 37" E for a distance of 218.66 feet, more or less, to a point; thence,
68. Bearing N 01° 25' 37" E for a distance of 545.12 feet, more or less, to a point; thence,
69. Bearing N 01° 15' 27" E for a distance of 246.62 feet, more or less, to a point; thence,
70. Bearing N 02° 18' 48" E for a distance of 151.07 feet, more or less, to a point; thence,
71. Bearing N 00° 50' 12" E for a distance of 155.93 feet, more or less, to a point; thence,
72. Bearing N 01° 25' 37" E for a distance of 226.07 feet, more or less, to a point; thence,

73. Bearing N 01° 25' 37" E for a distance of 790.24 feet, more or less, to a point; thence,
74. Bearing S 88° 37' 36" E for a distance of 464.81 feet, more or less, to a point; thence,
75. Bearing S 88° 37' 36" E for a distance of 16.68 feet, more or less, to a point; thence,
76. Bearing S 88° 31' 22" E for a distance of 338.51 feet, more or less, to a point; thence,
77. Bearing N 01° 01' 36" E for a distance of 361.07 feet, more or less, to a point; thence,
78. Bearing N 01° 06' 17" E for a distance of 511.10 feet, more or less, to a point; thence,
79. Bearing N 01° 13' 14" E for a distance of 528.11 feet, more or less, to a point; thence,
80. Bearing S 89° 07' 43" E for a distance of 221.06 feet, more or less, to a point; thence,
81. Bearing S 01° 58' 00" W for a distance of 140.32 feet, more or less, to a point; thence,
82. Bearing S 88° 48' 58" E for a distance of 404.53 feet, more or less, to a point; thence,
83. Bearing S 01° 51' 44" W for a distance of 146.99 feet, more or less, to a point; thence,
84. Bearing S 88° 04' 04" E for a distance of 125.30 feet, more or less, to a point; thence,
85. Bearing S 88° 37' 57" E for a distance of 123.85 feet, more or less, to a point; thence,
86. Bearing S 88° 46' 05" E for a distance of 83.68 feet, more or less, to a point; thence,
87. Bearing S 88° 50' 35" E for a distance of 91.93 feet, more or less, to a point; thence,
88. Bearing S 87° 46' 47" E for a distance of 186.82 feet, more or less, to a point; thence,
89. Bearing S 02° 29' 38" W for a distance of 340.62 feet, more or less, to a point; thence,
90. Bearing S 01° 03' 30" W for a distance of 355.24 feet, more or less, to a point; thence,
91. Bearing N 81° 13' 18" E for a distance of 651.22 feet, more or less, to a point; thence,
92. Bearing N 02° 06' 16" W for a distance of 644.23 feet, more or less, to a point; thence,
93. Bearing N 88° 24' 32" E for a distance of 41.63 feet, more or less, to a point; thence,
94. Bearing S 87° 14' 51" E for a distance of 207.85 feet, more or less, to a point; thence,
95. Bearing N 88° 30' 20" E for a distance of 137.12 feet, more or less, to a point; thence,
96. Bearing N 87° 08' 15" E for a distance of 91.99 feet, more or less, to a point; thence,
97. Bearing S 89° 25' 37" E for a distance of 77.80 feet, more or less, to a point; thence,
98. Bearing S 88° 35' 23" E for a distance of 37.53 feet, more or less, to a point; thence,

99. Bearing S 01° 24' 37" W for a distance of 656.53 feet, more or less, to a point; thence,
100. Bearing S 01° 20' 56" W for a distance of 1045.06 feet, more or less, to a point; thence,
101. Bearing S 00° 53' 52" W for a distance of 463.16 feet, more or less, to a point; thence,
102. Bearing S 01° 21' 30" W for a distance of 1669.20 feet, more or less, to a point; thence,
103. Bearing S 00° 54' 59" W for a distance of 2210.43 feet, more or less, to a point; thence,
104. Bearing S 01° 06' 01" W for a distance of 2240.77 feet, more or less, to a point; thence,
105. Bearing S 02° 02' 09" W for a distance of 49.76 feet, more or less, to a point; thence,
106. Bearing S 00° 55' 39" W for a distance of 3253.77 feet, more or less, to a point; thence,
107. Bearing S 89° 36' 14" W for a distance of 822.22 feet, more or less, to a point; thence,
108. Bearing S 89° 34' 44" W for a distance of 386.42 feet, more or less, to a point; thence,
109. Bearing N 89° 54' 33" W for a distance of 227.72 feet, more or less, to a point; thence,
110. Bearing S 89° 46' 45" W for a distance of 972.56 feet, more or less, to a point; thence,
111. Bearing N 29° 35' 16" W for a distance of 2.18 feet, more or less, to a point; thence,
112. Bearing N 89° 36' 41" W for a distance of 594.96 feet, more or less, to a point; thence,
113. Bearing N 89° 24' 47" W for a distance of 590.52 feet, more or less, to a point; thence,
114. Bearing N 89° 20' 56" W for a distance of 1290.06 feet, more or less, to a point; thence,
115. Bearing N 88° 03' 28" W for a distance of 1236.67 feet, more or less, to a point; thence,
116. Bearing N 88° 20' 29" W for a distance of 59.68 feet, more or less, to a point; thence,
117. Bearing N 88° 20' 10" W for a distance of 645.51 feet, more or less, to a point; thence,
118. Bearing N 88° 17' 09" W for a distance of 1918.14 feet, more or less, to a point; thence,
119. Bearing N 88° 12' 43" W for a distance of 1038.97 feet, more or less, to a point; thence,
120. Bearing N 88° 09' 07" W for a distance of 332.70 feet, more or less, to a point; thence,
121. Bearing S 07° 01' 15" W for a distance of 0.35 feet, more or less, to a point; thence,
122. Bearing N 89° 09' 21" W for a distance of 716.39 feet, more or less, to a point; thence,
123. Bearing N 89° 09' 48" W for a distance of 3104.12 feet, more or less, to a point; thence,
124. Bearing N 89° 11' 15" W for a distance of 784.49 feet, more or less, to a point; thence,

125. Bearing N 17° 04' 42" W for a distance of 0.44 feet, more or less, to a point; thence,
126. Bearing N 89° 54' 13" W for a distance of 399.06 feet, more or less, to a point; thence,
127. Bearing N 89° 54' 13" W for a distance of 1038.55 feet, more or less, to a point; thence,
128. Bearing N 04° 15' 25" E for a distance of 814.25 feet, more or less, to a point; thence,
129. Bearing N 89° 22' 00" W for a distance of 1385.72 feet, more or less, to a point; thence,
130. Bearing N 00° 07' 07" E for a distance of 4.83 feet, more or less, to a point; thence,
131. Bearing N 00° 10' 17" E for a distance of 1308.32 feet, more or less, to a point; thence,
132. Bearing S 89° 10' 44" E for a distance of 654.34 feet, more or less, to a point; thence,
133. Bearing S 89° 51' 50" E for a distance of 334.89 feet, more or less, to a point; thence,
134. Bearing N 01° 13' 56" E for a distance of 13.98 feet, more or less, to a point; thence,
135. Bearing N 01° 13' 56" E for a distance of 646.27 feet, more or less, to a point; thence,
136. Bearing N 89° 09' 06" W for a distance of 723.89 feet, more or less, to a point; thence,
137. Bearing N 02° 41' 04" E for a distance of 204.94 feet, more or less, to a point; thence,
138. Bearing N 89° 54' 19" W for a distance of 784.74 feet, more or less, to a point; thence,
139. Bearing N 00° 08' 39" E for a distance of 49.78 feet, more or less, to a point; thence,
140. Bearing N 00° 09' 34" E for a distance of 223.28 feet, more or less, to a point; thence,
141. Bearing N 00° 14' 57" W for a distance of 231.98 feet, more or less, to the point of beginning.

The following area has been excluded from the proposed district:

Using the New York State Plane NAD 83, west zone, U.S. Survey foot coordinate system, beginning at a point, whose Northing is 1095206.4652' and whose Easting is 1316597.9272'; thence,

1. Bearing N 01° 17' 02" E for a distance of 207.69 feet, more or less, to a point; thence,
2. Bearing N 76° 52' 44" E for a distance of 713.20 feet, more or less, to a point; thence,
3. Bearing S 32° 18' 07" W for a distance of 339.11 feet, more or less, to a point; thence,
4. Bearing S 80° 54' 24" W for a distance of 524.62 feet, more or less, to the point of beginning.

Le Roy Water District No. 12, as described above, contains approximately 10,299.80 acres of land.

All as shown on a map prepared by CPL, entitled "Town of Le Roy Proposed Water District No. 12", dated May 24, 2023.

Appendix B

Opinion of Probable Costs

**TOWN OF LEROY
PROPOSED WATER DISTRICT NO. 12
SUMMARY
February 10, 2024**

	District Total
Construction Subtotal =	\$ 15,057,406
Contingency (10%) =	\$ 1,505,741
Legal, Engineering, Administration (12%) =	\$ 1,806,889
Total =	\$ 18,370,035
Total Estimated Capital Cost =	\$ 18,372,000
USDA Grant =	\$ (5,666,000)
Local Contribution =	\$ (10,000)
WIIA Grant =	\$ (5,000,000)
Net Local Project Cost =	\$ 7,696,000
Estimated Debt Service for 38yrs =	\$ 335,540
Single Family EDU's =	332
Two Family EDU's =	18
Three Family EDU's =	3
Vacant =	17
Commercial EDU's =	3
Camp Ground =	15
Farm EDU's =	151
Total EDU's =	539
Estimated Debt Service/Unit/Year =	\$ 622.52
3/4" Meter Charge \$0.26 per Day	\$ 94.90
Usage Charge (\$4.17 per 1,000 gallons + \$1.20 Gen. Co. Surcharge, 60,000 gallons/year) =	\$ 322.20
Estimated Yearly Water Cost =	\$ 417.10
District Capital Reserve =	\$ 40.00
Total Unit Cost =	\$ 1,079.62
Total Estimated Unit Cost =	\$ 1,080.00

Town of LeRoy
Cost Estimate

2/16/2024

Northeast Service Area

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ESTIMATED TOTAL
1	Furnish and Install 8-Inch Water Main	LF	55,858	\$ 58.00	\$3,239,764.00
2	Furnish and Install Hydrant Assembly	EA	80	\$ 6,500.00	\$ 520,000.00
3	Furnish and Install 8-Inch Gate Valves Complete	EA	74	\$ 3,000.00	\$ 222,000.00
4	Furnish and Install Water Services	EA	107	\$ 2,000.00	\$ 214,000.00
5	New Water Connection to Existing Main	EA	8	\$ 6,000.00	\$ 48,000.00
6	Rock Excavation	CY	9,400	\$ 100.00	\$ 940,000.00
7	Maintenance and Protection of Traffic Including Signs and Flagmen Meeting NYSDOT Requirements	LS	1	\$ 77,756.46	\$ 77,756.46
8	Mobilization	LS	1	\$ 103,675.28	\$ 103,675.28

SUBTOTAL = \$5,365,195.74

Town of LeRoy
Cost Estimate

2/16/2024

Northwest Service Area

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ESTIMATED TOTAL
1	Furnish and Install 8-Inch Water Main	LF	49,313	\$ 58.00	\$2,860,154.00
2	Furnish and Install Hydrant Assembly	EA	71	\$ 6,500.00	\$ 460,200.00
3	Furnish and Install 8-Inch Gate Valves Complete	EA	61	\$ 3,000.00	\$ 184,200.00
4	Furnish and Install Water Services	EA	90	\$ 2,000.00	\$ 180,000.00
5	New Water Connection to Existing Main	EA	9	\$ 6,000.00	\$ 54,000.00
6	Rock Excavation	CY	6,800	\$ 100.00	\$ 680,000.00
7	Maintenance and Protection of Traffic Including Signs and Flagmen Meeting NYSDOT Requirements	LS	1	\$ 66,278.31	\$ 66,278.31
8	Mobilization	LS	1	\$ 88,371.08	\$ 88,371.08

SUBTOTAL = \$4,573,203.39

Town of LeRoy
Cost Estimate

2/16/2024

South Area

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ESTIMATED TOTAL
1	Furnish and Install 8-Inch Water Main	LF	64,900	\$ 57.00	\$3,699,300.00
2	Furnish and Install Hydrant Assembly	EA	92	\$ 6,500.00	\$ 599,300.00
3	Furnish and Install 8-Inch Gate Valves Complete	EA	72	\$ 3,000.00	\$ 216,300.00
4	Furnish and Install Water Services	EA	159	\$ 2,000.00	\$ 318,000.00
5	New Water Connection to Existing Main	EA	8	\$ 6,000.00	\$ 48,000.00
6	Rock Excavation	CY	650	\$ 100.00	\$ 65,000.00
7	Maintenance and Protection of Traffic Including Signs and Flagmen Meeting NYSDOT Requirements	LS	1	\$ 74,188.50	\$ 74,188.50
8	Mobilization	LS	1	\$ 98,918.00	\$ 98,918.00

SUBTOTAL = \$5,119,006.50