

AGENDA
REGULAR BOARD MEETING - TOWN OF BOSTON
OCTOBER 16, 2024 – 7:30 P.M.

ITEM NO. I PRELIMINARY MATTERS

1. Call Meeting to Order
2. Roll Call
3. Pledge of Allegiance and Opening Prayer
4. Other Preliminary Matters

ITEM NO. II REGULAR BUSINESS

1. Correction and Adoption of the Minutes from October 2, 2024
2. Consideration of all Fund Bills

ITEM NO. III CORRESPONDENCE

1. Town Clerk's Report for September 2024
2. Dog Control Officer Report for September 2024
3. Income Statement – September 2024
4. Cash Balances – September 2024
5. 2025 Tentative Budget Presentation (Available on the Town of Boston website)
6. Letter of resignation from Constance Berwaldt, Deputy Town Clerk
7. Erie County Department of Environment and Planning – Public Notice - 30-Day Period for Public Review of Southeast Agricultural District #15
8. Press Release – October 2, 2024, NYSEG Announcing More Community Connection Events in Erie County Next Week
9. NYSEG RG&E Climate Resilience Working Group Presentation
10. Proposed Solar Project - 9549 Knoll Road, Town of Eden
11. Memo, Erie County Dept of Environment & Planning, 2025-2026 CDBG Project Application Briefing
12. NYS DEC Managing Mercury Thermostats
13. NYS DEC Carpet Recycling
14. Event, Dare to Repair Café – Fix It. Don't Ditch It.
15. Circular October, A Month of Sustainability

16. Memo, Erie County Dept of Environment & Planning Division of Sewer Management – ECSD No. 3 – Eighteenmile Creek Sewer Line Stabilization Mitigation Project Contract No. 79
17. NYMIR, heavy and extra-heavy trucks working battery disconnect switch installation
18. Erie County Southeast Agricultural District No. 15 – 8-year Review Underway
19. LaBella - Boston MS4 Kick Off Meeting Agenda
20. Superior Insulation Proposal for Highway Garage Spray Foam
21. Application for Use of Meeting Facility – Southtowns Homeschoolers
22. Application for Use of Meeting Facility- Girl Scout Troop 34715

ITEM NO. IV NEW BUSINESS

1. Requests from the Floor (3-minute time limit per person)
2. Legislator Mills Erie County Updates
3. Public Hearing for Establishment of Deanna Drive Extension Subdivision Lighting District
4. Public Hearing for Federal Community Development Grant
5. Public Hearing on the Preliminary Budget
6. Resolution 2024-64 Approval of Deanna Drive Extension Subdivision Lighting District
7. Resolution 2024-65 Erie County 2025-2026 Community Development Block Grant Request
8. Resolution 2024-66 Authorization to Enter into Professional Services Agreement with LaBella for Creation of Design & Construction Document
9. Resolution 2024-67 Amending 2024 Budget to Properly Account for NYSERDA Clean Energy Communities Grant Received
10. Resolution 2024-__ EV Charging Electrical/Installation (Ryan)
11. Approval for new member Boston Fire Company, Travis Nardolillo
12. Approval for new member Boston Fire Company, Junior Firefighter Program, Claire Tartick
13. Town of Boston Planning Board Appointment Request, Anthony Braunscheidel, Alternate member, term through 12/31/2026.
14. Code Enforcement Officer request to attend 2024 Association of Towns Planning and Zoning School

ITEM NO. V OLD BUSINESS

ITEM NO. VI REPORTS AND PRESENTATIONS

1. Highway Superintendent
2. Councilmembers
3. Town Clerk
4. Supervisor

ITEM NO. VII ADJOURNMENT OF MEETING

1. Adjournment of Meeting

REGULAR BOARD MEETING
OCTOBER 2, 2024

DRAFT

TOWN HALL
7:30 P.M.

Present: Supervisor Jason Keding, Councilman Michael Cartechine, Councilwoman Kelly Martin, and Councilwoman Kathleen Selby.

Also Present: Highway Superintendent Telaak and Attorney for the Town McCann.

Supervisor Keding called the meeting to order at 7:41 pm.

Supervisor Keding stated there are no Preliminary matters.

Regular business:

A motion was made by Councilman Cartechine and was seconded by Councilwoman Selby to accept the minutes of the September 18, 2024 regular meeting.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Abstain	Councilwoman Selby	Yes
three (3) Yes	one (1) Abstain		Carried

A motion was made by Councilwoman Martin and was seconded by Councilman Cartechine upon review by the Town Board, that fund bills in the amount of \$427,590.36 be paid.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes
four (4) Yes			Carried

Supervisor Keding stated the following has been received and filed under correspondence:

NYSEG - Truth About Smart Meters - Sept 2024

Minutes from the Lancaster & Lockport Community Leaders Meeting 09-16-2024

Letter from the Department of Environmental Conservation - Wetland CO-3 Boundary Delineation

Penflex - Cover Letter

Penflex - Annual Report Town of Boston Fire District Service Award Program as of January 1, 2024

Penflex - Service Award Program - Executive Summary

Boston Emergency Squad - 2023 Form 990

Association of Town's Training - October 28, 2024 Planning & Zoning School

Erie County Disaster Preparedness Board Tornado Presentation September 24, 2024

WNY-2024- Presentation for Erie County OEM

Letter from Allstate - Claim about Route 219

REGULAR BOARD MEETING
OCTOBER 2, 2024

DRAFT

TOWN HALL
7:30 P.M.

Letter from Department of Agriculture and Markets - AML 305-a (1) Review
Concerning the Town of Boston Zoning and its Application to Horseshoe Hill
LLC, Erie County Agricultural District No. 15

August 2024 Cash Balances

August 2024 Income Statement

2025 Tentative Budget

2025 Tentative Budget Summary

Application for Use of Meeting Facility - Supervisor - Meeting for Employees

Application for Use of Meeting Facility - Supervisor - Meeting

Application for Use of Meeting Facility - Comprehensive Plan - Public Workshop

Application for Use of Meeting Facility - Budget Presentation

Application for Use of Meeting Facility - New York State Electric & Gas

New business:

Supervisor Keding stated the floor is open for public comment.

The following persons were heard:

Deputy Miller, Erie County Sheriff's Department

Deputy Mohawk, Erie County Sheriff's Department

Mitch Tucker, Chair of Conservation Advisory Council

Alan Green

Supervisor Keding stated the floor is closed.

A motion was made by Councilwoman Selby and was seconded by Councilwoman
Martin,

**RESOLUTION 2024-60 RESOLUTION FOR PUBLIC HEARING ON ESTABLISHMENT
OF DEANNA DRIVE EXTENSION SUBDIVISION LIGHTING DISTRICT**

A written Petition to Create Lighting District ("Petition") has been presented to
the Boston Town Board, duly dated August 5, 2024 and verified to contain the
required signatures and having been filed with the Town Clerk of the Town
of Boston, County of Erie, New York, for the Establishment of the Deanna Drive
Extension Subdivision Lighting District, and the proposed lighting
improvements are in compliance with the approved subdivision plans and the
construction specifications of the Town of Boston.

Supervisor Keding

Yes

Councilman Cartechine

Yes

Councilwoman Martin

Yes

Councilwoman Selby

Yes

four (4) Yes

Carried

A motion was made by Councilwoman Martin and was seconded by Councilman Cartechine.

PROPERTY CLEAN UP CHARGES

Pursuant to New York State Town Law, property clean up charges may be collected using the methods for enforcement and collection of unpaid town taxes or assessments for special improvements; and the property listed below has fallen into disrepair and deemed by the Town Code Enforcement Officer as a safety hazard needing disaster relief in the form of lawn mowing and weed, thus leading the Town to incur property clean up charges.

The Boston Town Board hereby requests that the Boston Assessor and Erie County Finance Department place the following property clean up charges on the 2025 Tax Roll:

Amount	S.B.L. #	Service Address		
\$ 1,500.00	258.06-3-1.121	9287	BOSTON STATE RD.	
Supervisor Keding		Yes	Councilman Cartechine	Yes
Councilwoman Martin		Yes	Councilwoman Selby	Yes

four (4) Yes

Carried

A motion was made by Councilman Cartechine and was seconded by Councilwoman Selby.

UNPAID WATER BILLS

Pursuant to New York State Town Law, unpaid water bills may be collected using the methods for enforcement and collection of unpaid town taxes or assessments for special improvements; and the water charges set forth below are unpaid, due, and owing.

The Boston Town Board hereby requests that the Boston Assessor and Erie County Finance Department place the following Unpaid Bills on the 2025 Tax Roll:

Amount	S.B.L. #	Service Address		
\$ 56.28	258.09-1-6.1	9368	BOSTON STATE RD.	
\$ 50.85	211.02-2-20	6193	WARD RD.	
\$ 97.04	212.00-1-11.11	6551	WARD RD.	
\$ 104.97	212.00-1-48	7055	WARD RD.	
Supervisor Keding		Yes	Councilman Cartechine	Yes
Councilwoman Martin		Yes	Councilwoman Selby	Yes

four (4) Yes

Carried

A motion was made by Supervisor Keding and was seconded by Councilman Cartechine to table,

**RESOLUTION 2024-63 APPROVE CHANGES TO THE TENTATIVE BUDGET
TO CREATE THE TOWN BOARD'S REVISED PRELIMINARY 2025 BUDGET**

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

four (4) Yes Carried

A motion was made by Supervisor Keding and was seconded by Councilwoman Martin to schedule a Public Hearing for the 2025 Preliminary Budget, October 16, 2024 at 7:45 p.m.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

four (4) Yes Carried

A motion was made by Councilman Cartechine and was seconded by Councilwoman Martin to schedule a Public Hearing for Establishment of Deanna Drive Extension Subdivision Lighting District, October 16, 2024 at 7:30 p.m.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

four (4) Yes Carried

A motion was made by Councilwoman Selby and was seconded by Councilman Cartechine to schedule a Public Hearing for the Federal Community Development Grant, October 16, 2024 at 7:40 p.m.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

four (4) Yes Carried

A motion was made by Supervisor Keding and was seconded by Councilwoman Martin to approve the Association of Towns Planning and Zoning School attendance request from ZBA Chair Lisa Rood for October 28, 2024.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

four (4) Yes Carried

A motion was made by Councilman Cartechine and was seconded by Councilwoman Selby to approve Elizabeth Mayer to the Boston Volunteer Fire Company Junior Firefighter Program.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

Motion Con't:

four (4) Yes

Carried

Old business:

A motion was made by Councilman Cartechine and was seconded by Councilwoman Selby,

RESOLUTION 2024-57 AUTHORIZATION TO ENTER INTO PROFESSIONAL SERVICES AGREEMENT WITH FIREFLY ADMIN INC. FOR THE ADMINISTRATION OF LOSAP PROGRAM

In accordance with Article 11-A of the New York State General Municipal, the Town of Boston adopted the Town of Boston Fire Protection District Length of Service Award Program (hereinafter "Boston LOSAP") for volunteer firefighter members of the Boston Fire Company, Inc., North Boston Volunteer Fire Company, Inc., and Patchin Fire & Community Association, Inc.; and

The Supervisor is authorized to terminate the professional services of Penflex, Inc. and to retain the professional services of Firefly Admin Inc.

The Supervisor hereby is authorized, on behalf of the Town of Boston, to execute an agreement with Firefly Admin, Inc., for an annual fee not to exceed ten thousand dollars (\$10,000.00), on behalf of the Town and to take such other action as may be necessary to effectuate the foregoing.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

four (4) Yes

Carried

Reports and Presentations:

Highway Superintendent Telaak reported on the following:

Brush pick-up started yesterday October 1st, every road in Town will be picked up once in October. When brush pick-up is done, we will start picking up leaves. There are several piles of leaves out there already. By the time brush pick-up is over there will be a lot more leaves. Please make sure that there are just leaves in the piles. We do not want grass clippings and weeds from the gardens. We will be around picking up leaves until the snow flies.

Councilwoman Selby reported on the following:

Attended the Comprehensive Plan on September 30th, CPL did an awesome presentation. I think there was a lot of input, and it was well attended for the final summary plan. It was nice to see Town Historian Frank Gamel and ZBA and CAC member Pam Zylinski there.

I would like to thank the Erie County Sherriff's for coming out tonight; it is great that there will be more of a presence around Town.

We had a very interesting and informative work session tonight; I am glad that we were settled on a tentative budget. We did some

compromising and great conversations were had, it is always an interesting time of the year.

Councilman Cartechine reported on the following:

Welcomed Elizabeth Meyer into the Junior Firefighter Program. There was an initiative last year to put that program together, I know a lot of people worked hard on it. Thanked all the fire fighters for their work and dedication to the LOSAP review. We have a good spirit of working together. Working through the audit process, there is a lot involved in that, and I just wanted to take a moment and thank each of the departments for their time and effort. Really happy to be turning the page on Penflex.

Councilwoman Martin reported on the following:

Nothing to report.

Town Clerk Quinlan reported on the following:

October 1st ConnectLife blood drive, 37 units collected, helped save the lives of 111 local patients. Next blood drive is Tuesday November 5th from 2 to 7 pm in the Court room, that is Election Day.
DEC Hunting license sales continue, deer management permits ended yesterday, leftover DMP's will be available around November 1st.
October events include; Churchill fish dinners, St. John's turkey dinner, Monaco's corn maze, Red Barrel Cider Mill.

Supervisor Keding reported on the following:

Project updates: Electrical contractors working on getting generator installed for the Town Hall. Everything seems to be going well, hopefully that will be completed by the end of the month.

Town Hall Entry, we have some new forms down on the base and waiting for the columns to be put in place. Once they are put in, that project will be accomplished.

Our Comprehensive Plan has gotten great feedback; between the committee, the schools, the community, the small business community, all that feedback goes into the Comprehensive Plan. This is kind of a road map for whoever sits in these five chairs to follow what we look at for the vision of the Community. The Senior Congregate Dining Program is involved, there are some charts downstairs in the Community room of what their priorities are. It is great to get engagement from the community. I can't thank the community enough for coming together to get this updated. Hopefully, it positions the Town well into the future, at least the next five to ten years for any other grant funding or other funding opportunities. Whether it is the State, Federal or County level you need that map plan report when you are seeking funds.

We are waiting for the nets for the Pickleball courts, they are on order, also getting Pickleball paddle holders.

EV Charging, there will be a resolution at the next Town Board meeting.

That was funded thanks to some people who are in our audience tonight, our Conservation Advisory Council and others who helped the Town get qualified for what is called Climate Smart Communities. A ranking system for grant monies for these projects. A commitment as far as LED lighting, that gave us points. The next big one we are working on is a potential for \$40,000, just a few hundred points away from that. So, we will continue to make improvements here that will benefit us all.

There was some discussion during our work session regarding solar. There will be some discussion at the next Board meeting. The SEQR process, this is the environmental impact side of things, the one reason that it is coming back before the Town Board. Information will be in the Board packet.

The Deanna Drive subdivision, the lighting district is going to be established via the public hearing that we just scheduled.

Thank you to Bill Brunner from Brunner's Pizza for donating two sheet pizzas for the Comprehensive Plan meeting. Brunners has always been very supportive of the Town.

Thanked Donnalyn Nuernberger, she was our Assessment Clerk. She put in her letter of resignation at the last Board meeting, we are losing a good person. She had a great opportunity of a job in Cattaraugus County.

NYSEG held Community Connection Events in September at different municipal buildings. NYSEG is having a Community Connection Event next Tuesday in the Town hall community room from 4:30 to 6:30 pm.

In some cases, there has been concern regarding electrical bills being very high, this doesn't apply to everybody. Customer services agents will be available if you have a question regarding your bill, you can look at multiple months of estimated usage or whatever the reason is. Please feel free to attend, you do not need to sign up. Finding that cost increases are due to ESCOs (energy service companies) raised rates 14 - 17 cents per kilowatt that is being billed. There are no smart meters here in Boston at least yet. They are coming and you do have the option to opt out.

I mentioned earlier about Wurtz property, based off of the Code Enforcement Officer's determination that needed to be taken care of.

Thanked the Deputies that came out tonight, it is great to have a point of contact. Once I get the list for the Supervisor's group, I will make sure that my fellow Board members get your contact information as well as our Highway Superintendent.

Budget Presentation is next Wednesday at 7:00 pm in the Community room, please feel free to attend.

A motion was made by Supervisor Keding and was seconded by Councilman Cartechine to adjourn the meeting at 8:14 p.m.

Supervisor Keding	Yes	Councilman Cartechine	Yes
Councilwoman Martin	Yes	Councilwoman Selby	Yes

four (4) Yes

Carried



TOWN OF BOSTON

Town Board Meeting: October 16, 2024

Abstract #1 – 2024 Payables	Journal #AP-4670	\$ 157,134.53
Less Credit – DB Fund	Rucker Lumber	- \$ 43.99
Less Credit – DB Fund	WNY Auto Supply	- \$ 220.67
		\$ 156,869.87

Total Payables Due

\$ 156,869.87

Breakout by Fund:

General (A) Fund:	\$ 39,230.84
Highway (DB) Fund:	\$ 10,913.11
Lighting (L30) Fund:	\$ 1,205.96
Fire (SF) Fund:	\$ -
Ambulance (SM) Fund:	\$ 328.88
Refuse & Garbage (SG) Fund:	\$ 77,067.01
Water Funds:	\$ -
Trust & Agency (TA):	\$ -
Capital Projects (H):	\$ 28,124.07

Total expenses submitted for approval:

\$ 156,869.87

TOWN HALL, 8500 BOSTON STATE ROAD, BOSTON, NEW YORK 14025
PHONE: (716) 941-6113 FAX: (716) 941-6116 TDD: 1-800-662-1220

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If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

October 16, 2024 - A B S T R A C T – 2024 Payables

Town of Boston Journal Proof Report Fiscal Year: 2024

Created By: epericak

Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024	Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC/LIQ	Seq #
A00-0600-0000-0000	ACCOUNTS PAYABLE	Fund A00 AP Account	10/16/2024	Fund A00 AP Account	\$0.00	\$39,230.84	\$0.00	112
A00-1110-4000-0000	TOWN JUSTICE-CONTR	KAREN MILLER 10/1/24 Reimb. Mileage & Parking for Training @ Niagara Falls Convention Center	10/16/2024	Vendor#: 1436	\$172.90	\$0.00	\$0.00	3
A00-1110-4000-0000	TOWN JUSTICE-CONTR	DEBRA BENDER 9/24/24 Reimb. Mileage & Parking for Training @ Niagara Falls Convention Center	10/16/2024	Vendor#: 156	\$74.27	\$0.00	\$0.00	4
A00-1220-0400-0000	SUPERVISOR- CONTR	Visa 2622 - Sept. 2024 September 2024 Visa Bill - Google storage, planning and zoning school registration, paint sprayer rental, zoom subscription, XL dog crate, Pickleballs nets	10/16/2024	Vendor#: 1863	\$101.74	\$0.00	\$0.00	10
A00-1220-0400-0000	SUPERVISOR- CONTR	Amazon Capital Services 11M6-JFL3-JYTR Parks - Pickle Ball Paddle Holders (x2) / Supervisor - Dry Erase Markers, Magnetic Marker Holder	10/16/2024	Vendor#: 2003	\$16.57	\$0.00	\$0.00	45
A00-1220-0400-0000	SUPERVISOR- CONTR	VERIZON WIRELESS 9975224057 Cell Phones for Town - September 2024	10/16/2024	Vendor#: 53	\$37.99	\$0.00	\$0.00	99
A00-1380-0400-0000	FISCAL AGENT- CONTRACT	CAPITAL MARKETS ADVISORS, LLC 927 Finacial Advisory Services - 2024 BAN Issuance/Renewal - \$3,758,000 x \$0.45 per note + Mailings & Web Postings	10/16/2024	Vendor#: 419	\$4,500.00	\$0.00	\$0.00	32
A00-1380-0400-0000	FISCAL AGENT- CONTRACT	CAPITAL MARKETS ADVISORS, LLC 927 Finacial Advisory Services - 2024 BAN Issuance/Renewal - \$3,758,000 x \$0.45 per note + Mailings & Web Postings	10/16/2024	Vendor#: 419	\$1,691.10	\$0.00	\$0.00	33
A00-1380-0400-0000	FISCAL AGENT- CONTRACT	CAPITAL MARKETS ADVISORS, LLC 927 Finacial Advisory Services - 2024 BAN Issuance/Renewal - \$3,758,000 x \$0.45 per note + Mailings & Web Postings	10/16/2024	Vendor#: 419	\$509.71	\$0.00	\$0.00	34
A00-1410-0401-0000	TOWN CLERK- CONTR	Amazon Capital Services 17DY-1LDR-69QK Town Clerk - ID Card Badge holders, paper clips, 2025 wall calendar, 6x9 Envelopes	10/16/2024	Vendor#: 2003	\$62.31	\$0.00	\$0.00	95
A00-1420-0401-0000	ATTORNEY- CONTR	Ryan F. McCann, Esq. September 2024 September 2024 - Attorney for the Town Retainer Agreement & Additional Services (2.4 hrs)	10/16/2024	Vendor#: 2099	\$2,250.00	\$0.00	\$0.00	105
A00-1420-0401-0000	ATTORNEY- CONTR	Ryan F. McCann, Esq. September 2024 September 2024 - Attorney for the Town Retainer Agreement & Additional Services (2.4 hrs)	10/16/2024	Vendor#: 2099	\$396.00	\$0.00	\$0.00	106

**Town of Boston
Journal Proof Report
Fiscal Year: 2024**

Created By: epericak

Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC	LIQ	Seq #
A00-1420-0401-0000	ATTORNEY- CONTR	HARRIS BEACH LLP File #320996 - 2024 \$3,758,000 BAN Issuance Services - Dated 10/3/24	10/16/2024	Vendor#: 645	\$7,046.00	\$0.00	\$0.00		36
A00-1440-0400-0000	ENGINEER- CONTR	CPL 103053 Project No. R24.15418.00 - General Services - Tennis Court Fence - Services Ending 9/27/24	10/16/2024	Vendor#: 1918	\$124.04	\$0.00	\$0.00		93
A00-1620-0200-0000	BUILDINGS- EQUIP	LAKE SHORE HARDWARE & TOOL 89435 Buildings - Ariens Platinum 24' Snow Thrower for Town Hall (PO 696)	10/16/2024	Vendor#: 1161	\$1,649.00	\$0.00	\$0.00		35
A00-1620-0400-0000	BUILDINGS- CONTR	Sub-City Electrical, Inc. 10966 Electrical Repairs - Removed & Replaced light fixture on pole	10/16/2024	Vendor#: 2057	\$875.00	\$0.00	\$0.00		37
A00-1620-0400-0000	BUILDINGS- CONTR	Atlas Building Maintenance Inc 2409171 Odor Counteractant, Disinfectant wipes	10/16/2024	Vendor#: 1711	\$375.99	\$0.00	\$0.00		38
A00-1620-0400-0000	BUILDINGS- CONTR	Atlas Building Maintenance Inc 2409171 Odor Counteractant, Disinfectant wipes	10/16/2024	Vendor#: 1711	\$366.15	\$0.00	\$0.00		39
A00-1620-0400-0000	BUILDINGS- CONTR	RUCKER LUMBER INC. BLDG Acct. - Sept. 2024 BLDG Acct. #1475 - Invoice #'s 184314, 184373, 184396	10/16/2024	Vendor#: 24	\$8.49	\$0.00	\$0.00		28
A00-1620-0400-0000	BUILDINGS- CONTR	RUCKER LUMBER INC. BLDG Acct. - Sept. 2024 BLDG Acct. #1475 - Invoice #'s 184314, 184373, 184396	10/16/2024	Vendor#: 24	\$12.98	\$0.00	\$0.00		29
A00-1620-0400-0000	BUILDINGS- CONTR	RUCKER LUMBER INC. BLDG Acct. - Sept. 2024 BLDG Acct. #1475 - Invoice #'s 184314, 184373, 184396	10/16/2024	Vendor#: 24	\$4.29	\$0.00	\$0.00		30
A00-1620-0400-0000	BUILDINGS- CONTR	NRG Business Marketing HS44431920 Acct. # 974809- 972543 - National Fuel Gas Supply (Aug 2024)	10/16/2024	Vendor#: 2103	\$1.58	\$0.00	\$0.00		17
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4205358946 Town Hall - (3) Mats	10/16/2024	Vendor#: 1758	\$50.52	\$0.00	\$0.00		46
A00-1620-0400-0000	BUILDINGS- CONTR	Amazon Capital Services 11M6-JFL3-JYTR Parks - Pickle Ball Paddle Holders (x2) / Supervisor - Dry Erase Markers, Magnetic Marker Holder	10/16/2024	Vendor#: 2003	\$197.96	\$0.00	\$0.00		44
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4206084523 Town Hall - Sig Hardwood White Large (6)	10/16/2024	Vendor#: 1758	\$58.82	\$0.00	\$0.00		49
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4206084513 Town Hall - (12) Mats	10/16/2024	Vendor#: 1758	\$182.52	\$0.00	\$0.00		50
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4206806849 Town Hall - (3) Mats	10/16/2024	Vendor#: 1758	\$50.52	\$0.00	\$0.00		51
A00-1620-0400-0000	BUILDINGS- CONTR	NATIONAL FUEL 10/2024 - Acct. #3237465 08 Acct. #3237465 08 - Town Hall - October 2024 (178 CCF)	10/16/2024	Vendor#: 726	\$76.75	\$0.00	\$0.00		57

**Town of Boston
Journal Proof Report
Fiscal Year: 2024**

Created By: epericak

Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC/LIQ	Seq #	
A00-1620-0400-0000	BUILDINGS- CONTR	ERIE COUNTY HEALTH DEPT. QUAL202539753 2025 Health Dept. Permit for Community Room/Senior Center	10/16/2024	Vendor#: 1045	\$147.00	\$0.00	\$0.00	60	
A00-1620-0400-0000	BUILDINGS- CONTR	MONROE EXTINGUISHER CO. 1178285 Semi-Annual System Inspection, fusible link, blow off caps, & line test - Snack Shack	10/16/2024	Vendor#: 115	\$419.00	\$0.00	\$0.00	61	
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4208552603 Town Hall - (18) Mats, Cleaning Supplies, & Toilet Paper	10/16/2024	Vendor#: 1758	\$275.73	\$0.00	\$0.00	81	
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4208552603 Town Hall - (18) Mats, Cleaning Supplies, & Toilet Paper	10/16/2024	Vendor#: 1758	\$19.07	\$0.00	\$0.00	82	
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4208552603 Town Hall - (18) Mats, Cleaning Supplies, & Toilet Paper	10/16/2024	Vendor#: 1758	\$42.17	\$0.00	\$0.00	83	
A00-1620-0400-0000	BUILDINGS- CONTR	Cintas 4207552578 Town Hall - Floor Cleaner, Wet Mop, Air Freshener, Soap	10/16/2024	Vendor#: 1758	\$42.54	\$0.00	\$0.00	84	
A00-1620-0400-0000	BUILDINGS- CONTR	NRG Business Marketing HS44484125 Acct. #974809- 972543 - National Fuel Gas Supply (Sept 2024)	10/16/2024	Vendor#: 2103	\$94.71	\$0.00	\$0.00	108	
A00-1620-0400-0000	BUILDINGS- CONTR	VERIZON WIRELESS 9975224057 Cell Phones for Town - September 2024	10/16/2024	Vendor#: 53	\$31.25	\$0.00	\$0.00	102	
A00-1620-0402-0000	BUILDING- CONTR-REC CENTER	NRG Business Marketing HS44484125 Acct. #974809- 972543 - National Fuel Gas Supply (Sept 2024)	10/16/2024	Vendor#: 2103	\$6.91	\$0.00	\$0.00	110	
A00-1620-0402-0000	BUILDING- CONTR-REC CENTER	NRG Business Marketing HS44431920 Acct. # 974809- 972543 - National Fuel Gas Supply (Aug 2024)	10/16/2024	Vendor#: 2103	\$2.14	\$0.00	\$0.00	19	
A00-1620-0403-0000	BUILDING- CONTR- HIGHWAY	Visa 2622 - Sept. 2024 September 2024 Visa Bill - Google storage, planning and zoning school registration, paint sprayer rental, zoom subscription, XL dog crate, Pickleballs nets	10/16/2024	Vendor#: 1863	\$238.00	\$0.00	\$0.00	11	
A00-1620-0403-0000	BUILDING- CONTR- HIGHWAY	Liberty Janitorial 092824 Janitorial Services - Carpet Cleaning in Highway	10/16/2024	Vendor#: 1878	\$647.00	\$0.00	\$0.00	40	
A00-1620-0403-0000	BUILDING- CONTR- HIGHWAY	Empire Erectors, INC. 2418 Highway Garage - Overhead Door Frame Repair (Resolution 2024-41 / Insurance Claim)	10/16/2024	Vendor#: 2104	\$9,000.00	\$0.00	\$0.00	43	
A00-1620-0403-0000	BUILDING- CONTR- HIGHWAY	SHERWIN-WILLIAMS CO. 1965-3 Paint for Salt Barn	10/16/2024	Vendor#: 294	\$1,114.90	\$0.00	\$0.00	89	
A00-1620-0404-0000	BUILDING- CONTR- TROOPER BARRACKS	Cintas 4207552584 Trooper Barracks - (16) Mats	10/16/2024	Vendor#: 1758	\$123.42	\$0.00	\$0.00	85	

**Town of Boston
Journal Proof Report
Fiscal Year: 2024**

Created By: epericak

Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC	LIQ	Seq #
A00-1650-0400-0000	CENT COMMUNICATIONS-CONTR	wynnetWorks 00005566 September 2024 - IT Systems Support (3 hrs)	10/16/2024	Vendor#: 1703	\$375.00	\$0.00	\$0.00		104
A00-1650-0400-0000	CENT COMMUNICATIONS-CONTR	Visa 2622 - Sept. 2024 September 2024 Visa Bill - Google storage, planning and zoning school registration, paint sprayer rental, zoom subscription, XL dog crate, Pickleballs nets	10/16/2024	Vendor#: 1863	\$149.90	\$0.00	\$0.00		12
A00-1930-0000-0000	JUDGEMENT AND CLAIMS	NRG Business Marketing HS44484125 Acct. #974809-972543 - National Fuel Gas Supply (Sept 2024)	10/16/2024	Vendor#: 2103	\$0.82	\$0.00	\$0.00		111
A00-3310-0400-0000	TRAFFIC CONTROL-CONTR	RICHARD-CIN SIGNS & SUPPLIES 3747 Tennis Court Sign & 2 Road Signs (Pedestrian X-ing, Child with Autism)	10/16/2024	Vendor#: 91	\$122.90	\$0.00	\$0.00		1
A00-3510-0200-0000	DOG CONTROL- EQUIP	Visa 2622 - Sept. 2024 September 2024 Visa Bill - Google storage, planning and zoning school registration, paint sprayer rental, zoom subscription, XL dog crate, Pickleballs nets	10/16/2024	Vendor#: 1863	\$562.49	\$0.00	\$0.00		13
A00-3510-0400-0000	DOG CONTROL- CONTR	VERIZON WIRELESS 9975224057 Cell Phones for Town - September 2024	10/16/2024	Vendor#: 53	\$31.25	\$0.00	\$0.00		101
A00-3620-0200-0000	SAFETY INSPECT- EQUIP	Amazon Capital Services 1RCV-P4XY-YR9K Code Enforcement Equipment - Brother HL-L6310DW Laser Printer & Black Toner (PO 695)	10/16/2024	Vendor#: 2003	\$595.48	\$0.00	\$0.00		88
A00-3620-0200-0000	SAFETY INSPECT- EQUIP	DELL MARKETING, LP 10775985600 PO #693 - 24" Monitor & Slim Sound Bar for Code Enforcement Office	10/16/2024	Vendor#: 565	\$178.24	\$0.00	\$0.00		94
A00-3620-0400-0000	SAFETY INSPECT- CONTR	VERIZON WIRELESS 9975224057 Cell Phones for Town - September 2024	10/16/2024	Vendor#: 53	\$31.25	\$0.00	\$0.00		100
A00-5010-0400-0000	HIGHWAY SUPT-CONTR	VERIZON WIRELESS 9975224057 Cell Phones for Town - September 2024	10/16/2024	Vendor#: 53	\$31.25	\$0.00	\$0.00		103
A00-5132-0400-0000	GARAGE-CONTR	NRG Business Marketing HS44484125 Acct. #974809-972543 - National Fuel Gas Supply (Sept 2024)	10/16/2024	Vendor#: 2103	\$27.66	\$0.00	\$0.00		107
A00-5132-0400-0000	GARAGE-CONTR	Cintas 4207552564 Highway - (7) Mats, (660) Shop Towels	10/16/2024	Vendor#: 1758	\$93.99	\$0.00	\$0.00		86
A00-5132-0400-0000	GARAGE-CONTR	Cintas 4207552564 Highway - (7) Mats, (660) Shop Towels	10/16/2024	Vendor#: 1758	\$106.20	\$0.00	\$0.00		87
A00-5132-0400-0000	GARAGE-CONTR	Cintas 4206299709 Highway - Uniforms	10/16/2024	Vendor#: 1758	\$64.42	\$0.00	\$0.00		6

**Town of Boston
Journal Proof Report
Fiscal Year: 2024**

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Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC/LIQ	Seq #	
A00-5132-0400-0000	GARAGE-CONTR	NRG Business Marketing HS44431920 Acct. # 974809- 972543 - National Fuel Gas Supply (Aug 2024)	10/16/2024	Vendor#: 2103	\$38.94	\$0.00	\$0.00	16	
A00-5132-0400-0000	GARAGE-CONTR	Cintas 4206084542 Highway - (7) Mats, (660) Shop Towels	10/16/2024	Vendor#: 1758	\$93.99	\$0.00	\$0.00	47	
A00-5132-0400-0000	GARAGE-CONTR	Cintas 4206084542 Highway - (7) Mats, (660) Shop Towels	10/16/2024	Vendor#: 1758	\$106.20	\$0.00	\$0.00	48	
A00-5132-0400-0000	GARAGE-CONTR	NATIONAL FUEL 10/2024 - Acct. #3237464 10 Acct. #3237464 10 - Highway Garage - October 2024 (52 CCF)	10/16/2024	Vendor#: 726	\$34.11	\$0.00	\$0.00	58	
A00-5132-0400-0000	GARAGE-CONTR	Cintas 4207029927 Highway - Uniforms	10/16/2024	Vendor#: 1758	\$64.42	\$0.00	\$0.00	73	
A00-5132-0400-0000	GARAGE-CONTR	Cintas 4207767728 Highway - Uniforms	10/16/2024	Vendor#: 1758	\$64.42	\$0.00	\$0.00	74	
A00-5182-0400-0000	STREET LIGHTING-CONTR	NYSEG 9/24 - Acct. #1001-3627- 426 Acct. #1001-3627-426 - St. Light Entire R2 (1177 kwh)	10/16/2024	Vendor#: 37	\$116.50	\$0.00	\$0.00	54	
A00-5182-0400-0000	STREET LIGHTING-CONTR	NYSEG 9/24 - Acct. #1001-3627- 434 Acct. #1001-3627-434 - St. Light, Entire R3 (2822 kwh)	10/16/2024	Vendor#: 37	\$1,677.15	\$0.00	\$0.00	55	
A00-5182-0400-0000	STREET LIGHTING-CONTR	NYSEG 9/24 - Acct. #1005-2715- 660 Acct. #1005-2715-660 - 219 lights (223 kwh)	10/16/2024	Vendor#: 37	\$18.92	\$0.00	\$0.00	56	
A00-7110-0201-0000	EQUIPMENT	Visa 2622 - Sept. 2024 September 2024 Visa Bill - Google storage, planning and zoning school registration, paint sprayer rental, zoom subscription, XL dog crate, Pickleballs nets	10/16/2024	Vendor#: 1863	\$1,038.00	\$0.00	\$0.00	14	
A00-7110-0400-0000	PARKS- CONTR	RICHARD-CIN SIGNS & SUPPLIES 3747 Tennis Court Sign & 2 Road Signs (Pedestrian X-ing, Child with Autism)	10/16/2024	Vendor#: 91	\$105.00	\$0.00	\$0.00	2	
A00-7110-0400-0000	PARKS- CONTR	BOSTON HIGHWAY DEPT. September 2024 - Parks September 2024 - Parks Gas (39.2 gallons) & Diesel (17.1 gallons)	10/16/2024	Vendor#: 90	\$160.77	\$0.00	\$0.00	21	
A00-7110-0400-0000	PARKS- CONTR	WNY Auto Supply Sept. 2024 - PARKS Parks Acct. #142 - Service Charge	10/16/2024	Vendor#: 2078	\$2.93	\$0.00	\$0.00	80	
A00-7110-0400-0000	PARKS- CONTR	RUCKER LUMBER INC. PARKS - Sept. 2024 PARKS - #1480 - Invoice #184214	10/16/2024	Vendor#: 24	\$15.27	\$0.00	\$0.00	63	
A00-7510-0401-0000	HISTORIAN- CONTR	Frank Gamel 9/26/24 Reimb. Government Appointed Historians of WNY - Membership dues, Mileage to Conference, Postage for Checks	10/16/2024	Vendor#: 1961	\$86.37	\$0.00	\$0.00	15	
A00-8010-0400-0000	ZONING-CONTR	Springville Journal 213660 Legal - ZBA Petition #630 (9/19/24) + Affidavit Fee	10/16/2024	Vendor#: 1869	\$44.88	\$0.00	\$0.00	97	

**Town of Boston
Journal Proof Report
Fiscal Year: 2024**

Created By: epericak

Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC/LIQ	Seq #	
A00-8020-0400-0000	PLANNING- CONTR	Springville Journal 213906 Legal - PB PH Notice - Owczarkowski/Hunn Rd. (9/26/24) + Affidavit Fee	10/16/2024	Vendor#: 1869	\$45.64	\$0.00	\$0.00	98	
A00-8020-0400-0000	PLANNING- CONTR	Springville Journal 213268 Legal - PB PH Notice - Hornberger, Jerome, Cary (9/5/24) + Affidavit fee	10/16/2024	Vendor#: 1869	\$49.44	\$0.00	\$0.00	96	
DB0-0600-0000-0000	ACCOUNTS PAYABLE	Fund DB0 AP Account	10/16/2024	Fund DB0 AP Account	\$0.00	\$10,913.11	\$0.00	113	
DB0-5110-0400-0000	GENERAL REPAIRS-CONTR	GERNATT ASPHALT PRODUCTS, INC. 11218 -2" SCR Gravel 304.15 TP4 (104.30 tons)	10/16/2024	Vendor#: 212	\$1,402.85	\$0.00	\$0.00	42	
DB0-5110-0420-0000	GEN REPAIRS- DRAINAGE	GERNATT ASPHALT PRODUCTS, INC. 11357 09F21HB-9.5mm<.3-402.09 Stone for Drainage (60.01 tons)	10/16/2024	Vendor#: 212	\$4,671.91	\$0.00	\$0.00	72	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	Amazon Capital Services 1N9X-KXFQ-6PMM Highway - Rocker switch	10/16/2024	Vendor#: 2003	\$32.70	\$0.00	\$0.00	62	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	WNY Auto Supply Sept. 2024 - HWY Highway Dept. Acct. # 140 - Invoices #'s 231026, 230446, 230356, 230878, 230930	10/16/2024	Vendor#: 2078	\$0.00	\$220.67	\$0.00	75	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	WNY Auto Supply Sept. 2024 - HWY Highway Dept. Acct. # 140 - Invoices #'s 231026, 230446, 230356, 230878, 230930	10/16/2024	Vendor#: 2078	\$80.93	\$0.00	\$0.00	76	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	WNY Auto Supply Sept. 2024 - HWY Highway Dept. Acct. # 140 - Invoices #'s 231026, 230446, 230356, 230878, 230930	10/16/2024	Vendor#: 2078	\$548.44	\$0.00	\$0.00	77	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	WNY Auto Supply Sept. 2024 - HWY Highway Dept. Acct. # 140 - Invoices #'s 231026, 230446, 230356, 230878, 230930	10/16/2024	Vendor#: 2078	\$20.24	\$0.00	\$0.00	78	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	WNY Auto Supply Sept. 2024 - HWY Highway Dept. Acct. # 140 - Invoices #'s 231026, 230446, 230356, 230878, 230930	10/16/2024	Vendor#: 2078	\$45.78	\$0.00	\$0.00	79	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$13.58	\$0.00	\$0.00	64	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$6.58	\$0.00	\$0.00	65	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$175.96	\$0.00	\$0.00	66	

**Town of Boston
Journal Proof Report
Fiscal Year: 2024**

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Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENCLIQ	Seq #	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$0.00	\$43.99	\$0.00	67	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$9.87	\$0.00	\$0.00	68	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$61.85	\$0.00	\$0.00	69	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$11.99	\$0.00	\$0.00	70	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	RUCKER LUMBER INC. HWY - Sept. 2024 HWY Acct. #1470 - Invoice #184161, 184202, 184212, 184261, 184264, 184270, 184325	10/16/2024	Vendor#: 24	\$6.49	\$0.00	\$0.00	71	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	Emerling Chrysler Dodge Jeep Ram 106615 Fender (x2) for '09 Dodge	10/16/2024	Vendor#: 1854	\$760.76	\$0.00	\$0.00	5	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	Fastenal Company NYORC92622 Prong Cotter Pins, Hex Cap Screws, Washers, Cable Ties, Insulated Female Disconnect, Splice Connector, 16 Compartment Box w/ Latch	10/16/2024	Vendor#: 1598	\$230.39	\$0.00	\$0.00	7	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	Amazon Capital Services 16NR-1VN4-JHL7 Highway - Oil Pump, Airless hose, Airless spray gun (PO 190)	10/16/2024	Vendor#: 2003	\$1,272.83	\$0.00	\$0.00	8	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	Amazon Capital Services 1PP4-3K1D-CYLH Highway - Starter switch, sanding discs, spray tip, cutting wheel, tip guard, N95 particulate respirators, 480V basic switch	10/16/2024	Vendor#: 2003	\$247.46	\$0.00	\$0.00	9	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	NORTHERN SUPPLY, INC. 129376 Rubber Blade, Snow plow Blade	10/16/2024	Vendor#: 130	\$440.00	\$0.00	\$0.00	22	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	NORTHERN SUPPLY, INC. 129376 Rubber Blade, Snow plow Blade	10/16/2024	Vendor#: 130	\$295.00	\$0.00	\$0.00	23	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	VALLEY FAB & EQUIP, INC. 136978 3/16 Steel material cut to customer's specs	10/16/2024	Vendor#: 134	\$354.05	\$0.00	\$0.00	91	
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	VALLEY FAB & EQUIP, INC. 136971 Moldboard shoe-GC32 12" center grey iron	10/16/2024	Vendor#: 134	\$299.22	\$0.00	\$0.00	92	
DB0-5142-0400-0000	SNOW REMOVAL- CONTRACTUAL	GERNATT ASPHALT PRODUCTS, INC. 11280 Abrasive Sand for Winter (38.16 tons)	10/16/2024	Vendor#: 212	\$188.89	\$0.00	\$0.00	41	

**Town of Boston
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Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC	LIQ	Seq #
H05-0600-0000-0000	ACCOUNTS PAYABLE	Fund H05 AP Account	10/16/2024	Fund H05 AP Account	\$0.00	\$15.47	\$0.00		118
H05-8020-0200-0000	COMPREHENSIVE PLAN UPDATE	TOPS MARKETS LLC B0700681397 Water for Comprehensive Plan Public workshop	10/16/2024	Vendor#: 1424	\$15.47	\$0.00	\$0.00		90
H06-0600-0000-0000	ACCOUNTS PAYABLE	Fund H06 AP Account	10/16/2024	Fund H06 AP Account	\$0.00	\$28,108.60	\$0.00		116
H06-1620-0200-0000	TOWN HALL GENERATOR	Industrial Power & Lighting 58955 Pay App #3 - Town Hall Generator (through 9/30/24)	10/16/2024	Vendor#: 2101	\$28,108.60	\$0.00	\$0.00		31
L30-0600-0000-0000	ACCOUNTS PAYABLE	Fund L30 AP Account	10/16/2024	Fund L30 AP Account	\$0.00	\$1,205.96	\$0.00		117
L30-5182-0401-0000	CONTRACTS	NYSEG 9/20 - Acct. #1001-3627-400 Acct. #1001-3627-400 - St. Light Dist. 1, R2 (367 kwh)	10/16/2024	Vendor#: 37	\$55.34	\$0.00	\$0.00		52
L30-5182-0401-0000	CONTRACTS	NYSEG 9/24 - Acct. #1001-3627-418 Acct. #1001-3627-418 - St. Light Dist. 1, R3 (1833 kwh)	10/16/2024	Vendor#: 37	\$1,150.62	\$0.00	\$0.00		53
SG0-0600-0000-0000	ACCOUNTS PAYABLE	Fund SG0 AP Account	10/16/2024	Fund SG0 AP Account	\$0.00	\$77,067.01	\$0.00		115
SG0-8160-0401-0000	GARBAGE CONTRACTUAL BFI	WASTE MANAGEMENT 0042829-1342-7 September 2024 Curb Service & Hazardous Waste Collection / August 2024 Recycling Charge (44.58 tons)	10/16/2024	Vendor#: 432	\$67,288.22	\$0.00	\$0.00		24
SG0-8160-0401-0000	GARBAGE CONTRACTUAL BFI	WASTE MANAGEMENT 0042829-1342-7 September 2024 Curb Service & Hazardous Waste Collection / August 2024 Recycling Charge (44.58 tons)	10/16/2024	Vendor#: 432	\$7,707.70	\$0.00	\$0.00		25
SG0-8160-0401-0000	GARBAGE CONTRACTUAL BFI	WASTE MANAGEMENT 0042829-1342-7 September 2024 Curb Service & Hazardous Waste Collection / August 2024 Recycling Charge (44.58 tons)	10/16/2024	Vendor#: 432	\$2,060.93	\$0.00	\$0.00		26
SG0-8160-0401-0000	GARBAGE CONTRACTUAL BFI	WASTE MANAGEMENT 0042829-1342-7 September 2024 Curb Service & Hazardous Waste Collection / August 2024 Recycling Charge (44.58 tons)	10/16/2024	Vendor#: 432	\$10.16	\$0.00	\$0.00		27
SM0-0600-0000-0000	ACCOUNTS PAYABLE	Fund SM0 AP Account	10/16/2024	Fund SM0 AP Account	\$0.00	\$328.88	\$0.00		114
SM0-4540-0400-0000	CONTRACTUAL	NRG Business Marketing HS44484125 Acct. #974809-972543 - National Fuel Gas Supply (Sept 2024)	10/16/2024	Vendor#: 2103	\$13.78	\$0.00	\$0.00		109
SM0-4540-0400-0000	CONTRACTUAL	BOSTON HIGHWAY DEPT. September 2024 - EMS September 2024 - EMS Gas (26.1 gallons) & Diesel (70.6 gallons)	10/16/2024	Vendor#: 90	\$282.32	\$0.00	\$0.00		20

October 16, 2024 - A B S T R A C T – 2024 Payables

Town of Boston Journal Proof Report Fiscal Year: 2024

Created By: epericak

Journal Number: AP - 4670		Journal Desc: AP Batch 38		Journal Date: 10/16/2024		Account Period: 10 - Oct		Status: Currently Active	
Account#	Account Description	Trans Description	Date	Reference	Debit	Credit	ENC/LIQ	Seq #	
SM0-4540-0400-0000	CONTRACTUAL	NRG Business Marketing HS44431920 Acct. # 974809- 972543 - National Fuel Gas Supply (Aug 2024)	10/16/2024	Vendor#: 2103	\$7.47	\$0.00	\$0.00	18	
SM0-4540-0400-0000	CONTRACTUAL	NATIONAL FUEL 10/2024 - Acct. #3237466 06 Acct. #3237466 06 - EMS Building - October 2024 (26 CCF)	10/16/2024	Vendor#: 726	\$25.31	\$0.00	\$0.00	59	
Total Number of 118 Transactions			No Errors		<u>\$157,134.53</u>	<u>\$157,134.53</u>	<u>\$0.00</u>		

AP - 4670 Summary By Fund Number

Fund	Debit	Credit	ENC/LIQ
A00	\$39,230.84	\$39,230.84	\$0.00
DB0	\$11,177.77	\$11,177.77	\$0.00
H05	\$15.47	\$15.47	\$0.00
H06	\$28,108.60	\$28,108.60	\$0.00
L30	\$1,205.96	\$1,205.96	\$0.00
SG0	\$77,067.01	\$77,067.01	\$0.00
SM0	\$328.88	\$328.88	\$0.00
Total	\$157,134.53	\$157,134.53	\$0.00

TOWN CLERK'S MONTHLY REPORT

TOWN OF BOSTON, NEW YORK

SEPTEMBER, 2024

TO THE SUPERVISOR:

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Pursuant to Section 27, Subd 1 of the Town Law, I hereby make the following statement of all fees and moneys received by me in connection with my office during the month stated above, excepting only such fees and moneys the application and payment of which are otherwise provided for by Law:

A1255

<u>21</u>	DECALS	<u>270.93</u>
<u>3</u>	MARRIAGE LICENSES NO. 24017 TO 24019	<u>52.50</u>
<u>2</u>	PHOTOCOPIES	<u>0.50</u>
<u>16</u>	DEATH CERTIFICATES	<u>160.00</u>
<u>27</u>	FAXES	<u>6.75</u>

TOTAL TOWN CLERK FEES 490.68

A2025

<u>1</u>	USE OF FACILITY FEES	<u>75.00</u>
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TOTAL A2025 75.00

A2110

<u>1</u>	VARIANCE	<u>200.00</u>
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TOTAL A2110 200.00

A2544

<u>78</u>	DOG LICENSES	<u>724.00</u>
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TOTAL A2544 724.00

A2555

<u>22</u>	BUILDING PERMITS	<u>5,889.00</u>
<u>3</u>	CERTIFICATE OF OCCUPANCY	<u>150.00</u>

TOTAL A2555 6,039.00

SR2130

<u>35</u>	WM BAG STICKER	<u>105.00</u>
<u>1</u>	PRO ANNUAL FEE ADD. TOTE	<u>49.09</u>

TOTAL SR2130 154.09

TOWN CLERK'S MONTHLY REPORT

SEPTEMBER, 2024

page 2

DISBURSEMENTS

PAID TO SUPERVISOR FOR GENERAL FUND	7,528.68
PAID TO SUPERVISOR FOR REFUSE & GARBAGE	154.09
PAID TO NYSDEC FOR DECALS	4,641.07
PAID TO NYS ANIMAL POPULATION CONTROL PROGRAM	90.00
PAID TO NYS HEALTH DEPT FOR MARRIAGE LICENSES	67.50
TOTAL DISBURSEMENTS	12,481.34

OCTOBER 2, 2024



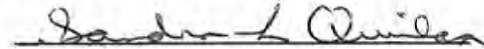
, SUPERVISOR

JASON KEDING

STATE OF NEW YORK, COUNTY OF ERIE, TOWN OF BOSTON

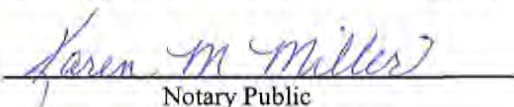
I, SANDRA QUINLAN, being duly sworn, says that I am the Clerk of the TOWN OF BOSTON that the foregoing is a full and true statement of all Fees and moneys received by me during the month above stated, excepting only such Fees the application and payment of which are otherwise provided for by law.

Subscribed and sworn to before me this



Town Clerk

3rd day of October 2024


Notary Public

KAREN M. MILLER
Notary Public, State of New York
Reg. No. 01MI6385215
Qualified in Erie County
Commission Expires 12-31-2026

RECEIVED
BOSTON TOWN CLERK

TOWN OF BOSTON DOG CONTROL OFFICER REPORT

Month of : September 2024

707-451-2 14:11:38

<u>Dates of Month</u>	1st Week 1st - 7th	2nd Week 8th - 14th	3rd Week 15th - 21st	4th Week 22nd - 31st	TOTALS
Phone Calls Received	1	2	4	5	12
Phone Calls Returned	1	2	4	5	12
# of alive dogs picked up	0	0	0	0	0
# of dead dogs picked up	0	0	0	0	0
# of dogs released to owner	0	0	1	0	0
# of dogs euthenized	0	0	0	0	0
# of dogs adopted	0	0	0	0	0
# of dogs impounded	0	0	0	0	0

Signature of Dog Controll Officer: 

Date Submitted: 10/2/24

Town of Boston
Income Statement: 2024
For the Period Ending 9/30/24

General					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenues</i>					
A00-1001-0000-0000	REAL PROPERTY TAXES	\$ 141,559	\$ 141,559	\$ 141,559	100.00%
A00-1030-0000-0000	SPECIAL ASSESSMENTS	1,341	1,341	1,341	100.00%
A00-1090-0000-0000	INT.& PENALTIES REAL PROP.TAX	14,000	14,000	25,236	180.26%
A00-1120-0000-0000	NONPROPERTY TAX DISTRIB BY CTY	965,000	965,000	617,289	63.97%
A00-1170-0000-0000	FRANCHISES	120,000	120,000	57,555	47.96%
A00-1255-0000-0000	CLERK FEES	3,500	3,500	2,048	58.52%
A00-1550-0000-0000	DOG CONTROL FEES	200	200	200	100.00%
A00-1972-0000-0000	PROGRAM FOR AGING	1,000	1,000	596	59.55%
A00-2001-0000-0000	PARK & RECREATION INCOME	6,600	6,600	3,136	47.51%
A00-2025-0000-0000	SPECIAL RECREATIONAL FACILITY	1,000	1,000	1,450	145.00%
A00-2089-0000-0000	CULTURAL & REC INCOME	-	-	-	100.00%
A00-2110-0000-0000	ZONING INCOME	2,500	2,500	2,600	104.00%
A00-2401-0000-0000	INTEREST AND EARNINGS	20,000	20,000	78,873	394.37%
A00-2410-0000-0000	RENT / REAL PROP INCOME	90,494	90,494	59,200	65.42%
A00-2420-0000-0000	NATURAL GAS LEASES & ROYALTIES	500	500	507	101.32%
A00-2530-0000-0000	GAMES OF CHANCE INCOME	-	-	526	100.00%
A00-2544-0000-0000	DOG LICENSES	4,100	4,100	4,597	112.12%
A00-2545-0000-0000	LICENSES- OTHER	300	300	300	100.00%
A00-2555-0000-0000	BUILDING PERMIT INCOME	25,000	25,000	27,147	108.59%
A00-2590-0000-0000	OTHER PERMIT INCOME	2,000	2,000	825	41.25%
A00-2610-0000-0000	FINES/FORFEITED BAIL	175,000	175,000	132,277	75.59%
A00-2665-0000-0000	SALE OF EQUIPMENT	-	-	-	100.00%
A00-2680-0000-0000	INSURANCE RECOVERIES	-	7,909	7,909	100.00%
A00-2701-0000-0000	REFUND-PRIOR YR EXPENDITURE	-	-	1,427	100.00%
A00-2705-0000-0000	GIFTS AND DONATIONS	-	7,761	7,961	102.57%
A00-2750-0000-0000	AIM-RELATED PAYMENTS	-	-	-	100.00%
A00-2770-0000-0000	OTHER UNCLASSIFIED REVENUES	-	-	50	100.00%
A00-3001-0000-0000	STATE AID - PER CAPITA	49,689	49,689	49,689	100.00%
A00-3005-0000-0000	STATE AID - MORTGAGE TAX	180,000	180,000	63,655	35.36%
A00-3089-0000-0000	STATE AID- OTHER	5,000	5,000	6,376	127.52%
A00-3809-0000-0000	GEN GOV'T GRANTS	-	-	-	100.00%
A00-3897-0000-0000	CULTURAL GRANTS	-	-	7,500	100.00%
A00-3960-0000-0000	STATE AID EMERGENCY DISASTER	-	-	-	100.00%
A00-4089-0000-0000	FEDERAL AID-OTHER	-	-	23,659	100.00%
A00-4489-0000-0000	FEDERAL AID, OTHER HEALTH	-	-	-	100.00%
A00-4910-1000-0000	FEDERAL AID - COMMUNITY DEVELOPMENT BLOCK GRANT	-	-	-	100.00%
A00-4960-0000-0000	FEDERAL AID EMERGENCY DISASTER	-	-	-	100.00%
		\$ 1,808,783	\$ 1,824,453	\$ 1,325,487	
<i>Expenditures</i>					
A00-1010-1000-0000	TOWN BOARD-PER SVC	\$ 38,220	\$ 38,220	\$ 28,665	75.00%
A00-1010-4000-0000	TOWN BD-CONTR	2,000	2,000	326	16.30%
A00-1110-1000-0000	TOWN JUSTICE- PER SVC	129,483	129,483	96,524	74.55%
A00-1110-2000-0000	JUSTICE - EQUIP	1,000	1,000	-	0.00%
A00-1110-4000-0000	TOWN JUSTICE-CONTR	5,700	5,700	1,940	34.04%
A00-1220-0100-0000	SUPERVISOR- PER SVC	169,753	169,753	115,870	68.26%
A00-1220-0200-0000	SUPERVISOR- EQUIP	1,000	1,000	-	0.00%
A00-1220-0400-0000	SUPERVISOR- CONTR	5,000	5,000	4,703	94.07%
A00-1320-0402-0000	SPECIAL AUDITS	20,000	20,000	5,763	28.81%
A00-1321-0400-0000	ACCOUNTANT-CONTRACTUAL	5,000	5,000	1,375	27.50%
A00-1321-0401-0000	ACCOUNTING FEES	5,000	5,000	2,592	51.85%
A00-1340-0100-0000	BUDGET DIRECTOR- PER SVC	3,976	3,976	2,945	74.07%
A00-1355-0100-0000	ASSESSOR-PERSONAL SVC	51,700	51,700	37,589	72.71%
A00-1355-0200-0000	ASSESSOR - EQUIPMENT	1,000	1,000	-	0.00%
A00-1355-0401-0000	ASSESSOR- CONTR	4,255	4,255	915	21.51%
A00-1380-0400-0000	FISCAL AGENT- CONTRACT	10,000	10,000	-	0.00%
A00-1410-0100-0000	TOWN CLERK- PER SVC	116,951	116,951	85,402	73.02%
A00-1410-0200-0000	TOWN CLERK- EQUIP	1,000	1,000	-	0.00%
A00-1410-0401-0000	TOWN CLERK- CONTR	4,000	4,000	997	24.92%
A00-1420-0100-0000	TOWN ATTORNEY- PER SVC	18,404	18,404	13,803	75.00%
A00-1420-0401-0000	ATTORNEY- CONTR	47,414	47,414	24,047	50.72%
A00-1430-4000-0000	PERSONNEL- CONTR	7,500	7,500	5,370	71.60%
A00-1440-0400-0000	ENGINEER- CONTR	50,000	50,000	3,893	7.79%
A00-1460-0100-0000	RECORDS MGT- PER SVC	250	250	-	0.00%
A00-1460-0200-0000	RECORDS MGT- EQUIP	-	-	-	100.00%
A00-1460-0401-0000	RECORDS MGT- CONTR	1,000	1,000	381	38.06%
A00-1620-0101-0000	BUILDINGS - PER SVC	30,558	30,558	21,693	70.99%
A00-1620-0200-0000	BUILDINGS- EQUIP	50,000	50,000	1,250	2.50%
A00-1620-0400-0000	BUILDINGS- CONTR	95,000	96,095	51,869	53.98%
A00-1620-0402-0000	BUILDINGS- CONTR-REC CENTER	12,000	12,000	6,468	53.90%
A00-1620-0403-0000	BUILDING- CONTR- HIGHWAY	8,000	15,909	2,419	15.21%
A00-1620-0404-0000	BUILDING- CONTR- TROOPER BARRACKS	15,000	15,000	7,018	46.79%
A00-1650-0200-0000	CENTR COMM- EQUIP	15,000	15,000	12,445	82.97%
A00-1650-0400-0000	CENT COMMUNICATIONS- CONTR	35,000	35,000	25,157	71.88%
A00-1670-0200-0000	CENT PRINT/MAIL- EQUIP	-	-	-	100.00%
A00-1670-0403-0000	CENT PRINT/MAIL- CONTR	20,000	20,000	13,390	66.95%
A00-1910-0000-0000	UNALLOCATED INSURANCE	87,000	87,000	86,291	99.19%
A00-1920-0000-0000	MUNICIPAL ASSOCIATION DUES	4,300	4,300	2,350	54.65%
A00-1930-0000-0000	JUDGEMENT AND CLAIMS	500	500	1,483	296.53%
A00-1950-0000-0000	TAXES & ASSESSMNTS ON PROPERTY	5,000	5,000	3,998	79.95%
A00-1989-0400-0000	OTHER GENERAL GOV'T SUPPORT	21,600	21,600	16,200	75.00%
A00-1990-0000-0000	CONTINGENT ACCOUNT	10,000	10,000	-	0.00%
A00-3310-0400-0000	TRAFFIC CONTROL-CONTR	6,000	6,000	2,788	46.47%

A00-3510-0100-0000	DOG CONTROL- PER SVC	14,968	14,968	11,226	75.00%
A00-3510-0200-0000	DOG CONTROL- EQUIP	500	500	-	0.00%
A00-3510-0400-0000	DOG CONTROL- CONTR	3,000	3,000	1,092	36.39%
A00-3620-0100-0000	SAFETY INSPECT-PER SVC	92,292	92,292	67,071	72.67%
A00-3620-0200-0000	SAFETY INSPECT- EQUIP	2,000	2,000	-	0.00%
A00-3620-0400-0000	SAFETY INSPECT- CONTR	7,000	7,000	2,271	32.44%
A00-5010-0100-0000	HIGHWAY SUPT-PER SVC	99,293	99,293	74,055	74.58%
A00-5010-0200-0000	HIGHWAY SUPT - EQUIPMENT	1,000	1,000	-	0.00%
A00-5010-0400-0000	HIGHWAY SUPT-CONTR	5,000	5,000	2,855	57.11%
A00-5132-0400-0000	GARAGE-CONTR	26,000	26,000	18,908	72.72%
A00-5182-0400-0000	STREET LIGHTING-CONTR	25,000	31,695	27,535	86.87%
A00-6772-0100-0000	PROGRAM FOR AGING-PER SVC	5,000	5,000	2,650	53.00%
A00-6772-0200-0000	NUTRITION EQUIPMENT & CHAIRS	35,785	35,785	26,025	72.73%
A00-6772-0400-0000	PROGRAMS FOR AGING-CONTR	8,000	8,000	5,438	67.97%
A00-7110-0100-0000	PARKS- PER SVC	138,512	138,512	80,969	58.46%
A00-7110-0201-0000	EQUIPMENT	1,200	1,200	-	0.00%
A00-7110-0400-0000	PARKS- CONTR	25,000	25,000	14,348	57.39%
A00-7270-0100-0000	EVENT COORDINATOR - PER SVC	2,840	2,840	2,104	74.08%
A00-7270-0400-0000	BAND CONCERTS- CONTR	6,000	6,000	5,692	94.87%
A00-7310-0400-0000	YOUTH PROGRAMS-CONTR	75,000	75,000	75,000	100.00%
A00-7510-0100-0000	TOWN HISTORIAN-PER SVC	4,032	4,032	3,024	75.00%
A00-7510-0401-0000	HISTORIAN- CONTR	700	700	140	20.04%
A00-7520-0200-0000	Historical Property - Capital Outlay	2,000	2,000	-	\$0.00
A00-7520-0400-0000	HISTORIAN PROP-CONTR	1,000	1,000	-	0.00%
A00-7550-0400-0000	CELEBRATIONS- CONTR	20,000	27,761	20,128	72.50%
A00-7620-0400-0000	ADULT REC- BOSTON SRS.	15,000	15,000	11,309	75.39%
A00-7620-0402-0000	ADULT REC- BOS YOUNG @ HEART	15,000	15,000	10,103	67.35%
A00-7989-0400-0000	OTHER CULTURE/REC- CONTR	1,000	1,000	1,000	100.00%
A00-8010-0100-0000	ZONING- PER SVC	8,566	8,566	2,082	24.30%
A00-8010-0400-0000	ZONING-CONTR	7,000	7,000	668	9.55%
A00-8020-0100-0000	PLANNING-PER SVC	5,976	5,976	1,360	22.75%
A00-8020-0400-0000	PLANNING- CONTR	8,000	8,000	4,480	56.00%
A00-8410-0200-0000	ELECTRIC & POWER - EQUIP	5,000	5,000	-	0.00%
A00-8510-0400-0000	COMMUNITY BEAUTIFICATION-CONTR	250	250	-	0.00%
A00-8540-0400-0000	DRAINAGE-CONTR	2,500	2,500	-	0.00%
A00-8710-0100-0000	CONSERVATION-PER SVC	3,187	3,187	528	16.56%
A00-8710-0400-0000	CONSERVATION- CONTR	6,550	6,960	3,021	43.41%
A00-8745-0400-0000	FLOOD & EROSION CONTROL-CONTRA	2,500	2,500	-	0.00%
A00-8810-0100-0000	CEMETERY- PER SVC.	300	300	-	0.00%
A00-8810-0400-0000	CEMETERY-CONTRACTUAL	600	600	900	150.00%
A00-8989-0200-0000	OTHER HOME/COM SVC - EQUIP	-	92,941	-	0.00%
A00-8989-0400-0000	OTHER HOME/COM SVC-CONTR	65,000	65,000	-	0.00%
A00-9010-0800-0000	STATE RETIREMENT	97,000	97,000	22,417	23.11%
A00-9030-0800-0000	SOCIAL SECURITY	74,000	74,000	51,309	69.34%
A00-9040-0800-0000	WORKERS' COMPENSATION	18,000	18,000	17,592	97.73%
A00-9050-0800-0000	UNEMPLOYMENT INSURANCE	6,000	6,000	11,527	192.12%
A00-9055-0800-0000	DISABILITY INSURANCE	1,000	1,000	538	53.78%
A00-9060-0800-0000	HOSPITAL AND MEDICAL INSURANCE	85,000	85,000	43,709	51.42%
A00-9730-0600-0000	BAN PRINCIPAL	45,000	45,000	45,000	100.00%
A00-9730-0700-0000	BAN INTEREST	20,135	20,135	20,135	100.00%
A00-9901-0900-0000	Transfers to Other Funds - Interfund Transfer	-	-	134,624	100.00%
A00-9950-0900-0000	TRANSFERS TO CAPITAL PROJECTS FUND	-	-	23,659	100.00%
		\$ 2,208,250	\$ 2,325,061	\$ 1,534,409	

Highway					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
Revenue					
DB0-1001-0000-0000	REAL PROPERTY TAX	\$ 864,103	\$ 864,103	\$ 864,103	100.00%
DB0-1120-0000-0000	NON-PROPERTY TAX DIST. BY CNTY	275,000	275,000	275,000	100.00%
DB0-2401-0000-0000	INTEREST AND EARNINGS	8,000	8,000	56,751	709.39%
DB0-2650-0000-0000	SALE OF SCRAP	-	-	685	100.00%
DB0-2665-0000-0000	SALE OF EQUIPMENT	-	-	-	100.00%
DB0-2680-0000-0000	INSURANCE RECOVERIES	-	-	-	100.00%
DB0-2701-0000-0000	REFUND-PRIOR YR EXPENDITURES	-	-	-	100.00%
DB0-2709-0000-0000	EMPLOYEES CONTRIBUTIONS	-	-	-	100.00%
DB0-2770-0000-0000	OTHER UNCLASSIFIED	-	-	-	100.00%
DB0-2770-1000-0000	OTHER UNCLASSIFIED - FUEL REIMBURSEMENTS	1,500	1,500	902	60.15%
DB0-2801-0000-0000	INTERFUND REVENUES	65,000	65,000	-	0.00%
DB0-3501-0000-0000	STATE AID	193,346	193,346	-	0.00%
		\$ 1,406,949	\$ 1,406,949	\$ 1,197,441	
Expenditure					
DB0-1930-0400-0000	JUDGEMENT & CLAIMS	\$ -	\$ -	-	100.00%
DB0-5110-0100-0000	GENERAL REPAIRS-PER SVC	238,851	238,851	252,352	105.65%
DB0-5110-0400-0000	GENERAL REPAIRS-CONTR	203,647	203,647	298,364	146.51%
DB0-5110-0410-0000	GEN REPAIRS-FUEL & DIESEL	60,000	60,000	28,946	48.24%
DB0-5110-0420-0000	GEN REPAIRS- DRAINAGE	30,000	30,000	16,084	53.61%
DB0-5112-0200-0000	CAPITAL OUTLAY	193,346	193,346	-	0.00%
DB0-5130-0200-0000	MACHINERY- EQUIPMENT	200,500	371,761	5,400	1.45%
DB0-5130-0400-0000	MACHINERY- CONTRACTUAL	65,000	67,367	25,467	37.80%
DB0-5140-0100-0000	BRUSH & WEEDS-PER SVC (General Fund to Reimb)	31,913	31,913	10,838	33.96%
DB0-5140-0400-0000	MISC BRUSH & WEEDS-CONTRACTUAL	5,000	5,000	6,000	120.00%
DB0-5142-0100-0000	SNOW REMOVAL-PER SVC	203,946	203,946	98,591	48.34%
DB0-5142-0400-0000	SNOW REMOVAL- CONTRACTUAL	130,695	130,695	68,524	52.43%
DB0-5148-0100-0000	SNOW REMOVAL-OTHER GOV'T-PS	-	-	-	100.00%
DB0-5148-0400-0000	SNOW REMOVAL-OTHER GOVT-CONTR	-	-	-	100.00%
DB0-9010-0800-0000	STATE RETIREMENT	57,000	57,000	12,609	22.12%
DB0-9030-0800-0000	SOCIAL SECURITY	37,000	37,000	27,046	73.10%
DB0-9040-0800-0000	WORKERS' COMPENSATION	39,000	39,000	37,134	95.22%
DB0-9060-0800-0000	HOSPITAL AND MEDICAL INSURANCE	85,000	85,000	41,809	49.19%
		\$ 1,580,898	\$ 1,754,526	\$ 929,164	

Water #1					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
HA0-1001-0000-0000	REAL PROPERTY TAX	\$ 116,409	\$ 116,409	\$ 116,409	100.00%
HA0-2401-0000-0000	INTEREST EARNINGS	350	350	6,628	1893.66%
HA0-2680-0000-0000	INSURANCE RECOVERIES	-	-	-	100.00%
		\$ 116,759	\$ 116,759	\$ 123,037	
<i>Expenditure</i>					
HA0-8340-0400-0000	CONTRACTUAL	\$ 100,333	\$ 100,333	\$ 29,909	29.81%
HA0-9730-0600-0000	BAN'S- PRINCIPAL	6,088	6,088	-	0.00%
HA0-9730-0700-0000	BAN'S- INTEREST	10,338	10,338	-	0.00%
		\$ 116,759	\$ 116,759	\$ 29,909	

Water #2					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
HBO-1001-0000-0000	REAL PROPERTY TAX	\$ 51,589	\$ 51,589	\$ 51,589	100.00%
HBO-2401-0000-0000	INTEREST & EARNINGS	600	600	4,324	720.71%
		\$ 52,189	\$ 52,189	\$ 55,913	
<i>Expenditure</i>					
HBO-8340-0400-0000	CONTRACTUAL	\$ 33,642	\$ 33,642	\$ 13,025	38.72%
HBO-9730-0600-0000	BAN'S - PRINCIPAL	6,874	6,874	-	0.00%
HBO-9730-0700-0000	BAN INTEREST	11,673	11,673	-	0.00%
		\$ 52,189	\$ 52,189	\$ 13,025	

Water #3					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
HCO-1001-0000-0000	REAL PROPERTY TAX	\$ 261,334	\$ 261,334	\$ 262,030	100.27%
HCO-2401-0000-0000	INTEREST AND EARNINGS	3,000	3,000	24,691	823.05%
		\$ 264,334	\$ 264,334	\$ 286,721	
<i>Expenditure</i>					
HCO-1930-0400-0000	JUDGEMENT & CLAIMS	\$ -	\$ -	\$ -	100.00%
HCO-8340-0400-0000	CONTRACTUAL	17,045	17,045	17,045	100.00%
HCO-9730-0600-0000	BAN'S- PRINCIPAL	132,649	132,649	120,500	90.84%
HCO-9730-0700-0000	BAN INTEREST	129,355	129,355	117,521	90.85%
		\$ 279,049	\$ 279,049	\$ 255,066	

Water Ext 1					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
HDO-1001-0000-0000	REAL PROPERTY TAX	\$ 3,012	\$ 3,012	\$ 3,012	100.00%
HDO-2401-0000-0000	INTEREST AND EARNINGS	300	300	1,715	571.56%
		\$ 3,312	\$ 3,312	\$ 4,727	
<i>Expenditure</i>					
HDO-8340-0400-0000	CONTRACTS	\$ 3,031	\$ 3,031	\$ 687	22.67%
HDO-9730-0600-0000	BAN'S - PRINCIPAL	104	104	-	0.00%
HDO-9730-0700-0000	BAN'S - INTEREST	177	177	-	0.00%
		\$ 3,312	\$ 3,312	\$ 687	

Water Ext 2					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
HE0-1001-0000-0000	REAL PROPERTY TAX	\$ 29,383	\$ 29,383	\$ 29,383	100.00%
HE0-2401-0000-0000	INTEREST AND EARNINGS	400	400	4,807	1201.81%
		\$ 29,783	\$ 29,783	\$ 34,190	
<i>Expenditure</i>					
HE0-1930-0000-0000	JUDGEMENT & CLAIMS	\$ -	\$ -	\$ -	100.00%
HE0-8340-0400-0000	CONTRACTUAL	27,087	27,087	-	0.00%
HE0-9730-0600-0000	BAN- PRINCIPLE	999	999	-	0.00%
HE0-9730-0700-0000	BAN INTEREST	1,697	1,697	-	0.00%
		\$ 29,783	\$ 29,783	\$ -	

Water #3 Ext. 1					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
HF0-1001-0000-0000	REAL PROPERTY TAX	\$ 10,978	\$ 10,978	\$ 10,978	100.00%
HF0-2401-0000-0000	INTEREST AND EARNINGS	200	200	1,237	618.54%
		\$ 11,178	\$ 11,178	\$ 12,215	
<i>Expenditure</i>					
HF0-8340-0400-0000	CONTRACTUAL	\$ 1,791	\$ 1,791	\$ -	0.00%
HF0-9730-0600-0000	PRINC PMTS- BANS	6,829	6,829	6,250	91.52%
HF0-9730-0700-0000	INTEREST PMTS. BANS	2,558	2,558	1,575	61.57%
		\$ 11,178	\$ 11,178	\$ 7,825	

Lighting					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
L30-1001-0000-0000	REAL PROPERTY TAX	\$ 11,268	\$ 11,268	\$ 11,268	100.00%
L30-2401-0000-0000	INTEREST AND EARNINGS	100	100	769	769.44%
		\$ 11,368	\$ 11,368	\$ 12,037	
<i>Expenditure</i>					
L30-5182-0401-0000	CONTRACTS	\$ 14,051	\$ 14,051	\$ 12,355	87.93%
		\$ 14,051	\$ 14,051	\$ 12,355	

Fire					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
SFO-1001-0000-0000	REAL PROPERTY TAX	\$ 809,049	\$ 809,049	\$ 809,049	100.00%
SFO-1120-0000-0000	NONPROPERTY TAX DIST	150,000	150,000	150,000	100.00%
SFO-2401-0000-0000	INTEREST EARNINGS	4,000	4,000	18,616	465.41%
SFO-5031-0000-0000	INTERFUND TRANSFERS	-	-	134,624	100.00%
		\$ 963,049	\$ 963,049	\$ 1,112,289	
<i>Expenditure</i>					
SFO-1930-0400-0000	JUDGEMENT & CLAIMS	\$ -	\$ -	\$ -	100.00%
SFO-3410-0401-0000	CONTRACTS	686,035	686,035	664,258	96.83%
SFO-9025-0800-0000	SERVICE AWARDS PROGRAM	300,000	300,000	134,624	44.87%
SFO-9040-0800-0000	WORKERS COMP INSURANCE	15,000	15,000	14,020	93.47%
		\$ 1,001,035	\$ 1,001,035	\$ 812,902	

Refuse					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
SGO-1001-0000-0000	REAL PROPERTY TAX	\$ 943,773	\$ 943,773	\$ 943,773	100.00%
SGO-2130-0000-0000	REFUSE AND GARBAGE CHARGES	1,400	1,400	2,433	173.78%
SGO-2401-0000-0000	INTEREST EARNINGS	2,000	2,000	19,661	983.04%
		\$ 947,173	\$ 947,173	\$ 965,867	
<i>Expenditure</i>					
SGO-8160-0401-0000	GARBAGE CONTRACTUAL BFI	\$ 947,173	\$ 947,173	\$ 595,571	62.88%
		\$ 947,173	\$ 947,173	\$ 595,571	

Ambulance					
Account Number	Account Description	Original Budget Amount	Amended Budget Amount	Actual Rev/Exp YTD	% YTD
<i>Revenue</i>					
SMO-1001-0000-0000	REAL PROPERTY TAX	\$ 101,999	\$ 101,999	\$ 101,999	100.00%
SMO-1120-0000-0000	NONPROPERTY TAX DISTRIBUTION	90,000	90,000	90,000	100.00%
SMO-2401-0000-0000	INTEREST INCOME	400	400	8,901	2225.27%
		\$ 192,399	\$ 192,399	\$ 200,900	
<i>Expenditure</i>					
SMO-1930-0400-0000	JUDGEMENT & CLAIMS	\$ -	\$ -	\$ -	100.00%
SMO-4540-0200-0000	AMBULANCE- CAPITAL EQUIPMENT	40,000	273,213	135,549	49.61%
SMO-4540-0400-0000	CONTRACTUAL	117,975	117,975	90,472	76.69%
SMO-9025-0800-0000	LOCAL PENSION FUND	15,000	15,000	8,155	54.36%
SMO-9040-0800-0000	WORKER'S COMP	5,000	5,000	4,841	96.82%
SMO-9730-0600-0000	BAN'S PRINCIPAL	13,928	13,928	13,916	99.92%
SMO-9730-0700-0000	BAN'S INTEREST	496	496	495	99.84%
		\$ 192,399	\$ 425,612	\$ 253,428	

Capital Projects					
Boston State Road Water Main Replacement					
Account Number	Account Description	Project Budget	Current Yr Rev/Exp	Total Project Rev/Exp	% Complete
<i>Revenue</i>					
H01-2401-0000-0000	INTEREST & EARNINGS	\$ -	\$ -	\$ 24	
H01-4989-0000-0000	FED AID - OTHER HOME & COMMUNITY SVC	150,000	-	150,000	100.00%
H01-5031-0000-0000	INTERFUND TRANSFERS (ARPA)	-	-	297,728	
H01-5031-0000-0000	INTERFUND TRANSFERS (Non-ARPA)	-	-	27,628	
		<u>\$ 150,000</u>	<u>\$ -</u>	<u>\$ 475,380</u>	
<i>Expenditure</i>					
H01-8340-0200-0000	BOSTON STATE ROAD WATER MAIN REPLACEMENT				
	New Frontier Excavating & Paving	\$ 430,253	\$ 16,525	\$ 428,626	99.62%
	Engineering	\$ 59,547	\$ -	\$ 63,255	106.23%
		<u>\$ 489,800</u>	<u>\$ 16,525</u>	<u>\$ 491,881</u>	

North Boston Park Shelter					
Account Number	Account Description	Project Budget	Current Yr Rev/Exp	Total Project Rev/Exp	% Complete
<i>Revenue</i>					
H02-2401-0000-0000	INTEREST & EARNINGS	\$ -	\$ -	\$ -	
H02-4989-0000-0000	FED AID - OTHER HOME & COMMUNITY SVC	100,000	-	100,000	100.00%
H02-5031-0000-0000	INTERFUND TRANSFERS (ARPA)	-	23,659	375,969	
H02-5031-0000-0000	INTERFUND TRANSFERS (Non-ARPA)	-	-	39,379	
		<u>\$ 100,000</u>	<u>\$ 23,659</u>	<u>\$ 515,348</u>	
<i>Expenditure</i>					
H02-7110-0200-0000	NORTH BOSTON PARK SHELTER				
	Sicoli Construction	\$ 466,700	\$ 23,659	\$ 473,188	101.39%
	Engineering	\$ 38,900	\$ -	\$ 40,243	103.45%
	Misc. Expenses (Ads / Dumpster/etc.)	\$ 0	\$ -	\$ 1,917	100.00%
		<u>\$ 505,600</u>	<u>\$ 23,659</u>	<u>\$ 515,348</u>	

Water Tank Repairs					
Account Number	Account Description	Project Budget	Current Yr Rev/Exp	Total Project Rev/Exp	% Complete
<i>Revenue</i>					
H03-2401-0000-0000	INTEREST & EARNINGS	\$ -	\$ 7,802	\$ 33,046	
H03-5031-0000-0000	INTERFUND TRANSFERS	-	-	-	
		<u>\$ -</u>	<u>\$ 7,802</u>	<u>\$ 33,046</u>	
<i>Expenditure</i>					
H03-8340-0200-0000	WATER TANK REHAB	\$ 1,013,790	\$ 210,670	\$ 898,720	88.65%
		<u>\$ 1,013,790</u>	<u>\$ 210,670</u>	<u>\$ 898,720</u>	

Waterline Replacements - Phase 1					
Account Number	Account Description	Project Budget	Current Yr Rev/Exp	Total Project Rev/Exp	% Complete
<i>Revenue</i>					
H04-2401-0000-0000	INTEREST & EARNINGS	\$ -	\$ -	\$ -	
H04-5031-0000-0000	INTERFUND TRANSFERS	-	-	-	
		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
<i>Expenditure</i>					
H04-8340-0200-0000	WATERLINE REPLACEMENTS - PHASE 1				
	Construction	\$ -	\$ -	\$ -	0.00%
	Engineering	\$ 355,000	\$ 3,900	\$ 253,900	71.52%
	Advertisement for Bids	\$ -	\$ 466	\$ 1,198	100.00%
		<u>\$ 355,000</u>	<u>\$ 4,366</u>	<u>\$ 255,098</u>	

Town of Boston Comprehensive Plan Update					
Account Number	Account Description	Project Budget	Current Yr Rev/Exp	Total Project Rev/Exp	% Complete
<i>Revenue</i>					
H05-2401-0000-0000	INTEREST & EARNINGS	\$ -	\$ -	\$ -	
H05-2706-0000-0000	GRANTS FROM LOCAL GOVT	25,000	-	-	
H05-3097-0000-0000	STATE AID CAPITAL PROJECTS	63,000	-	4,429	
H05-5031-0000-0000	INTERFUND TRANSFERS	6,870	-	-	
		<u>\$ 94,870</u>	<u>\$ -</u>	<u>\$ 4,429</u>	
<i>Expenditure</i>					
H05-8020-0200-0000	COMPREHENSIVE PLAN UPDATE	\$ 94,870	\$ 50,525	\$ 79,664	83.97%
		<u>\$ 94,870</u>	<u>\$ 50,525</u>	<u>\$ 79,664</u>	

Town Hall Generator					
Account Number	Account Description	Project Budget	Current Yr Rev/Exp	Total Project Rev/Exp	% Complete
<i>Revenue</i>					
H06-2401-0000-0000	INTEREST & EARNINGS	\$ -	\$ 2,307	\$ 4,655	
H06-5031-0000-0000	INTERFUND TRANSFERS	-	-	111,032	
		<u>\$ -</u>	<u>\$ 2,307</u>	<u>\$ 115,687</u>	
<i>Expenditure</i>					
H06-1620-0200-0000	TOWN HALL GENERATOR				
	Construction	\$ 222,400	\$ 103,677	\$ 103,677	46.62%
	Engineering	\$ 20,000	\$ 750	\$ 19,250	96.25%
	Advertisement for Bids	\$ -	\$ -	\$ 732	100.00%
		<u>\$ 242,400</u>	<u>\$ 104,427</u>	<u>\$ 123,659</u>	

Town Hall Entryway					
Account Number	Account Description	Project Budget	Current Yr Rev/Exp	Total Project Rev/Exp	% Complete
<i>Revenue</i>					
H07-2401-0000-0000	INTEREST & EARNINGS	\$ -	\$ 33	\$ 33	
H07-5031-0000-0000	INTERFUND TRANSFERS	64,125	-	17,600	
		<u>\$ 64,125</u>	<u>\$ 33</u>	<u>\$ 17,633</u>	
<i>Expenditure</i>					
H07-1620-0200-0000	TOWN HALL ENTRYWAY				
	Construction	\$ 46,525	\$ 26,125	\$ 26,125	56.15%
	Engineering	\$ 17,600	\$ 4,500	\$ 17,668	100.39%
		<u>\$ 64,125</u>	<u>\$ 30,625</u>	<u>\$ 43,793</u>	

Monthly Cash Balances 2024

Fund	Acct #	Account	1/31/2024	2/29/2024	3/31/2024	4/30/2024	5/31/2024	6/30/2024	7/31/2024	8/30/2024	9/30/2024
General (A)	A00-0201-0000	General Fund Cash	\$ 2,114,522	\$ 1,993,863	\$ 1,944,640	\$ 1,784,050	\$ 1,606,855	\$ 1,844,490	\$ 1,764,000	\$ 1,672,623	\$ 2,008,790
General (A)	A00-0210-0000	Petty Cash	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
General (A)	A00-0878-0300	Reserve for Tri-Seq	\$ 7,478	\$ 7,509	\$ 7,542	\$ 7,575	\$ 7,608	\$ 7,641	\$ 7,673	\$ 7,708	\$ 7,740
General (A)	A00-0878-0600	Reserve for Sr. Facility	\$ 64,055	\$ 64,322	\$ 64,607	\$ 64,884	\$ 65,171	\$ 65,451	\$ 65,730	\$ 66,027	\$ 66,299
General (A)	A00-0878-0700	Reserve for Tax Stable	\$ 88,564	\$ 88,933	\$ 89,328	\$ 89,711	\$ 90,108	\$ 90,495	\$ 90,881	\$ 91,291	\$ 91,667
General (A)	A00-0878-0800	Reserve for Bldgs & Parks	\$ 131,433	\$ 131,981	\$ 132,567	\$ 133,135	\$ 133,725	\$ 134,298	\$ 134,871	\$ 135,480	\$ 136,038
General (A)	A00-0878-0900	Reserve for Recreation	\$ 38,801	\$ 38,962	\$ 39,136	\$ 39,303	\$ 39,477	\$ 39,646	\$ 39,816	\$ 39,995	\$ 40,160
General (A)	A00-0878-1000	Reserve for Drainage	\$ 131,739	\$ 132,287	\$ 132,875	\$ 133,444	\$ 134,035	\$ 134,610	\$ 135,184	\$ 135,795	\$ 136,354
			\$ 2,577,092	\$ 2,458,357	\$ 2,411,195	\$ 2,252,603	\$ 2,077,480	\$ 2,317,130	\$ 2,238,656	\$ 2,149,419	\$ 2,487,549
Highway (DB)	DB0-0201-0000	Highway Cash	\$ 773,119	\$ 761,842	\$ 1,759,036	\$ 1,711,394	\$ 1,652,770	\$ 1,658,726	\$ 1,570,869	\$ 1,248,099	\$ 1,199,805
Highway (DB)	DB0-0878-0100	Reserve or HWY Equipment	\$ 303,294	\$ 304,557	\$ 305,910	\$ 307,221	\$ 308,581	\$ 309,904	\$ 311,227	\$ 312,632	\$ 313,920
			\$ 1,076,413	\$ 1,066,399	\$ 2,064,945	\$ 2,018,615	\$ 1,961,351	\$ 1,968,630	\$ 1,882,095	\$ 1,560,731	\$ 1,513,725
Capital Projects (H)	H00-0201-0000	Capital Projects Cash	\$ 61,290	\$ 64,072	\$ 60,477	\$ 47,024	\$ 46,150	\$ 20,688	\$ (17,275)	\$ (78,008)	\$ (130,678)
Capital Projects (H)	H00-0231-0000	Restricted Cash	\$ 354,941	\$ 356,084	\$ 357,349	\$ 358,659	\$ 148,553	\$ 149,130	\$ 149,699	\$ 150,293	\$ 150,822
			\$ 416,231	\$ 420,156	\$ 417,826	\$ 405,683	\$ 194,703	\$ 169,818	\$ 132,424	\$ 72,285	\$ 20,145
Fire Protection (SF)	SF0-0201-0000	Fire Fund Cash	\$ 193,953	\$ 194,582	\$ 832,833	\$ 828,535	\$ 824,306	\$ 827,148	\$ 503,812	\$ 505,771	\$ 506,671
Fire Protection (SF)	Nationwide	Restricted - LOSAP Fair Market Value	\$ 2,375,888	\$ 2,348,812	\$ 2,360,610	\$ 2,242,423	\$ 2,452,056	\$ 2,443,402	\$ 2,449,530	\$ 2,456,844	
			\$ 2,569,840	\$ 2,543,394	\$ 3,193,442	\$ 3,070,957	\$ 3,276,362	\$ 3,270,551	\$ 2,953,343	\$ 2,962,615	\$ 506,671
Lighting (SL)	L30-0201-0000	Lighting Fund Cash	\$ 20,477	\$ 20,543	\$ 28,627	\$ 27,166	\$ 25,826	\$ 24,311	\$ 22,857	\$ 21,375	\$ 20,086
			\$ 20,477	\$ 20,543	\$ 28,627	\$ 27,166	\$ 25,826	\$ 24,311	\$ 22,857	\$ 21,375	\$ 20,086
Ambulance (SM)	SM0-0201-0000	Ambulance Fund Cash	\$ 24,032	\$ 23,220	\$ 133,789	\$ 132,759	\$ 132,272	\$ 131,849	\$ 130,002	\$ 120,754	\$ 106,289
Ambulance (SM)	SM0-0878-0001	Reserve for Ambulance	\$ 228,478	\$ 93,687	\$ 134,103	\$ 134,557	\$ 135,153	\$ 135,732	\$ 136,312	\$ 136,927	\$ 137,491
			\$ 252,510	\$ 116,906	\$ 267,891	\$ 267,317	\$ 267,425	\$ 267,581	\$ 266,313	\$ 257,682	\$ 243,780
Garbage (SG/SR)	SG0-0201-0000	Garbage & Refuse Fund Cash	\$ 135,696	\$ 136,160	\$ 934,845	\$ 865,306	\$ 795,464	\$ 725,276	\$ 654,952	\$ 580,915	\$ 505,510
			\$ 135,696	\$ 136,160	\$ 934,845	\$ 865,306	\$ 795,464	\$ 725,276	\$ 654,952	\$ 580,915	\$ 505,510
Water (SW)	HA0-0201-0000	(HA) Water District #1	\$ 128,278	\$ 128,724	\$ 216,026	\$ 216,818	\$ 217,644	\$ 218,440	\$ 219,274	\$ 220,144	\$ 220,919
Water (SW)	HB0-0201-0000	(HB) Water District #2	\$ 96,498	\$ 96,844	\$ 135,929	\$ 136,428	\$ 136,948	\$ 137,448	\$ 137,973	\$ 138,520	\$ 139,008
Water (SW)	HCO-0201-0000	(HC) Water District #3	\$ 201,801	\$ 131,709	\$ 378,103	\$ 389,412	\$ 390,337	\$ 391,800	\$ 209,353	\$ 210,183	\$ 210,924
Water (SW)	HCO-0878-0100	Reserve for Debt - Dist. 3	\$ 370,262	\$ 371,804	\$ 373,455	\$ 375,056	\$ 376,716	\$ 378,331	\$ 379,947	\$ 381,662	\$ 383,234
Water (SW)	HDO-0201-0000	(HD) Water Ext. 1	\$ 49,767	\$ 49,929	\$ 52,441	\$ 52,633	\$ 52,834	\$ 53,027	\$ 53,229	\$ 53,441	\$ 53,629
Water (SW)	HE0-0201-0000	(HE) Water Ext. 2	\$ 121,081	\$ 121,479	\$ 151,407	\$ 151,962	\$ 152,541	\$ 153,099	\$ 153,683	\$ 154,293	\$ 154,837
Water (SW)	HFO-0201-0000	(HF) Water Dist. 3 Ext.	\$ 33,059	\$ 29,809	\$ 40,936	\$ 41,086	\$ 41,243	\$ 41,393	\$ 33,726	\$ 33,860	\$ 33,979
			\$ 1,000,746	\$ 930,297	\$ 1,348,298	\$ 1,363,395	\$ 1,368,263	\$ 1,373,540	\$ 1,187,185	\$ 1,192,103	\$ 1,196,529
Total held by Town			\$ 5,673,116	\$ 5,343,401	\$ 8,306,461	\$ 8,028,619	\$ 7,514,818	\$ 7,673,434	\$ 6,888,295	\$ 6,340,280	\$ 6,493,995
Total held at Nationwide (Fire LOSAP)			\$ 2,375,888	\$ 2,348,812	\$ 2,360,610	\$ 2,242,423	\$ 2,452,056	\$ 2,443,402	\$ 2,449,530	\$ 2,456,844	\$ -
			\$ 8,049,004	\$ 7,692,214	\$ 10,667,071	\$ 10,271,041	\$ 9,966,874	\$ 10,116,836	\$ 9,337,826	\$ 8,797,124	\$ 6,493,995



TOWN OF BOSTON

JASON A. KEDING
Supervisor

MICHAEL A. CARTECHINE
JENNIFER L. LUCACHIK
KELLY L. MARTIN
KATHLEEN SELBY
Town Board

SANDRA L. QUINLAN
Town Clerk - Tax Collector

ROBERT J. TELAAK
Highway Supt.

DEBRA K. BENDER
KYLE W. CALABRESE
Town Justice

RYAN F. McCANN
Town Attorney

LAURIE A. BAKER
Prosecutor

THELMA HORNBERGER
Assessor

THOMAS C. MURPHY
Code Enforcement Officer

Constance Berwaldt

September 30, 2024

I am writing to notify you of my resignation from my position as P/T Deputy Town Clerk. My last day will be October 11th.

I have accepted an offer as a full time Dental Hygienist. While I am excited about the opportunities that lie ahead, I also feel a deep sense of gratitude for the time I have spent working in the Clerk's office. I would like to thank everyone for the opportunity I have had in working for the Town of Boston and working with my school schedule for the past three years. It truly has been my pleasure working for the Town of Boston.

Sincerely,

Connie
Constance Berwaldt

TOWN HALL
(716) 941-6113
Fax (716) 941-6116

TOWN SUPERVISOR
(716) 941-6518

TOWN COURT
(716) 941-6115
Fax (716) 796-6170

HIGHWAY GARAGE
(716) 941-5869
Fax (716) 941-3677

NUTRITION PROGRAM
(716) 941-5773

8500 Boston State Road Boston, New York 14025-9848

The Town of Boston is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call 1-866-632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or fax 202-690-7442 or e-mail at program.intake@usda.gov.

PUBLIC NOTICE

30-DAY PERIOD FOR PUBLIC REVIEW OF SOUTHEAST AGRICULTURAL DISTRICT #15

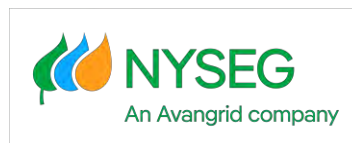
Per New York State Agriculture and Markets Law Section 303-a, the County Legislature is required to review agricultural districts eight years after their creation and every eight years thereafter. Proposed modifications to Southeast Agricultural District #15, which encompasses 85,908.87 acres in the municipalities of Boston, Colden, Concord, Holland, North Collins, Sardinia, and Wales, and was last certified on August 9, 2017, will be accepted from October 1-30, 2024, by the Erie County Department of Environment and Planning.

The application is available at erie.gov/agdistrictwebform. Hard copies are available upon request.

A map of the Agricultural District under review will be on file and open to public inspection in the office of the County Clerk. Any questions on this process should be directed to the Erie County Department of Environment and Planning. At this time, only landowners within the affected municipalities may apply to have land added or removed from the Agricultural District.

CONTACT:

Sarah Gatti, Principal Planner
Erie County Environment & Planning
95 Franklin Street, 10th Floor
Buffalo, NY 14202
Phone: (716) 858-6014
Email: agriculture@erie.gov



NYSEG Announcing More Community Connection Events in Erie County Next Week

Reps and advocates at events to connect with customers, offering resources and addressing billing needs

There will be no formal presentation, customers helped on a first-come-first-served basis

LANCASTER, N.Y. — October 2, 2024 — New York State Electric & Gas (NYSEG) will hold three Community Connection events in Erie County next week to connect directly with customers, offering resources and addressing account needs. These events allow the Company's customers to get face-to-face, one-on-one help with a billing concern or with assistance they may require in paying their bill.

This is an opportunity to offer customers different locations and times in their communities. There will not be a formal presentation. Customers are encouraged to show up anytime during the available time slots to meet with a customer service representative. Customers will be helped on a first-come-first-served basis.

At each of these events, customers can ask questions about their accounts and learn about resources to help manage energy costs.

Details of upcoming events are below:

Tuesday, October 8	Aurora Town Hall 575 Oakwood, Ave. East Aurora, N.Y. 14052	Noon to 2 p.m.
Tuesday, October 8	Boston Town Hall 8500 Boston State Rd. Boston, N.Y. 14025	4:30 p.m. to 6:30 p.m.
Wednesday, October 9	Elma Town Hall 1600 Bowen Rd. Elma, N.Y. 14059	Noon to 2 p.m.

NYSEG remains committed to the communities it serves and will continue to have a direct presence in the community. The Company strives to provide reliable, responsive service customers have come to expect for 172 years and will work with local organizations to provide access to its programs and offer assistance for customers.

#

About NYSEG: New York State Electric & Gas Corporation (NYSEG) is a subsidiary of Avangrid, Inc. Established in 1852, NYSEG operates approximately 35,000 miles of electric distribution lines and 4,500 miles of electric transmission lines across more than 40% of upstate New York. It also operates more than 8,150 miles of natural gas distribution pipelines and 20 miles of gas transmission pipelines. It serves approximately 894,000 electricity customers and 266,000 natural gas customers. For more information, visit www.nyseg.com.

About Avangrid: Avangrid, Inc. (NYSE: AGR) aspires to be the leading sustainable energy company in the United States. Headquartered in Orange, CT with approximately \$46 billion in assets and operations in 24 U.S. states, Avangrid has two primary lines of business: networks and renewables. Through its networks business, Avangrid owns and operates eight electric and natural gas utilities, serving more than 3.3 million customers in New York and New England. Through its renewables business, Avangrid owns and operates a portfolio of renewable energy generation facilities across the United States. Avangrid employs approximately 8,000 people and has been recognized by JUST Capital as one of the JUST 100 companies – a ranking of America’s best corporate citizens – in 2024 for the fourth consecutive year. In 2024, Avangrid ranked first among utilities and 12 overall. The company supports the U.N.’s Sustainable Development Goals and was named among the World’s Most Ethical Companies in 2024 for the sixth consecutive year by the Ethisphere Institute. Avangrid is a member of the group of companies controlled by Iberdrola, S.A. For more information, visit www.avangrid.com.



ACNBC 2024

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585.953.3159



Climate Resilience Working Group Update

9/30/2024

Agenda

- 01** Background
- 02** Resilience Plan Reviews
- 03** On-Going Activities
- 04** Next Steps



Climate Change Resilience Plan

New York State Electric and Gas Corporation

NOVEMBER 21, 2023



Climate Change Resilience Plan

Rochester Gas and Electric Corporation

NOVEMBER 21, 2023

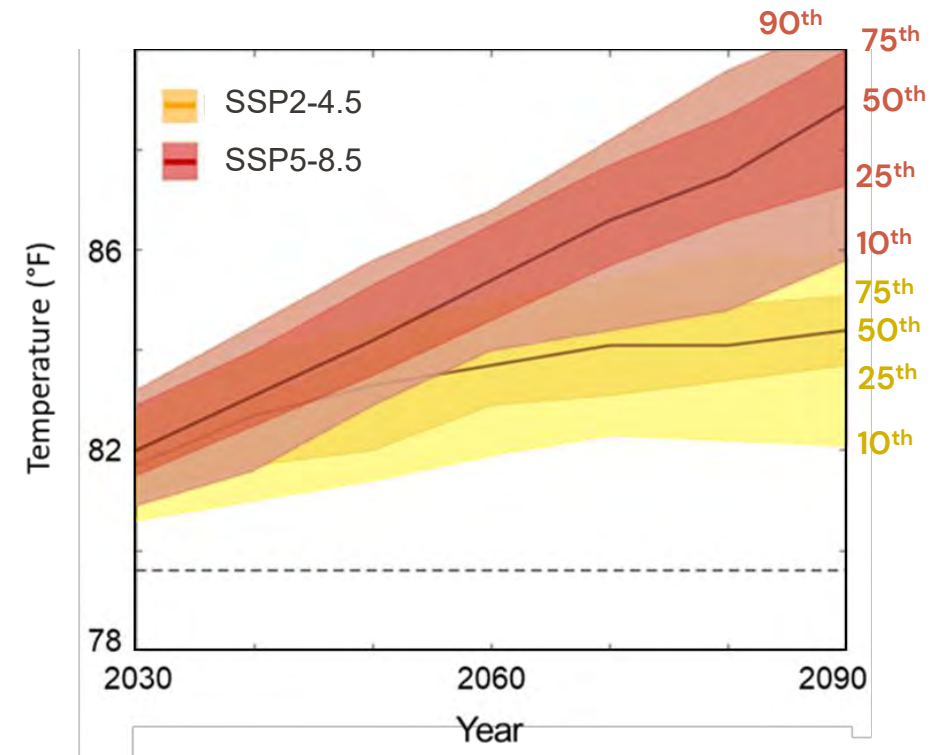
Background: Overview of PSC Order

- March 2022, PSC law became effective (Case 22-E-0222) to NY electric utilities
- Conduct a **Climate Change Vulnerability Study (Study)** and develop a **Climate Change Resilience Plan (Plan)**
- The Study must include an evaluation of the electric grid's vulnerability to climate-driven risks
- The Plan must address the findings of the Study for the next ten- and twenty-year periods
- Engage and collaborate with stakeholders
- The Study and Plan were filed in the fall of 2023, with updates at least every five years



Background : Climate Pathways

- **Climate change projections:** we considered a range of possible scenarios in terms of emissions scenarios and their effect on the climate of New York State.
- Future global emissions of greenhouse gases will determine which pathway the global climate takes.
- We used three combinations pathways and simulation percentiles to represent plausible lower bound, planning level, and upper bound of climate model projections:
 - **SSP2-4.5 50th percentile** as lower bound
 - **SSP5-8.5 50th percentile** as planning level ←
 - **SSP5-8.5 90th percentile** as a high-end “stress test”
- **Planning Level:** A conservative selection aimed to identify resilience measures that will enable NYSEG and RG&E to identify which climate change risks may interfere with the ability to serve our customers.



Summary of Key Findings

Priority vulnerabilities are those that represent the most significant risk to NYSEG and RG&E's electrical assets, and the ability to serve our customers reliably.

- **Substation – High:** Study Team determined that vulnerability to flooding and extreme heat was found to be high for circuit breakers, regulators and transformers. For example, extreme heat in excess of design parameters can increase rate that equipment ages.
- **Transmission & Distribution – High:** Vulnerability to wind, and combined wind and ice events was found to be high. Extreme winds can exceed design parameters and increase risk of failure.
- **Transmission & Distribution - Medium:** Vulnerability to extreme temperature for transmission & distribution power delivery components. Extreme heat in excess of design parameters can increase rate that equipment ages.

					
Substations	High	Med.	High	Low	High
Transmission	Med.	High	Med.	Low	High
Distribution	Med.	High	Med.	Low	High

Resilience Plan Review

Wind/wind-and-Ice

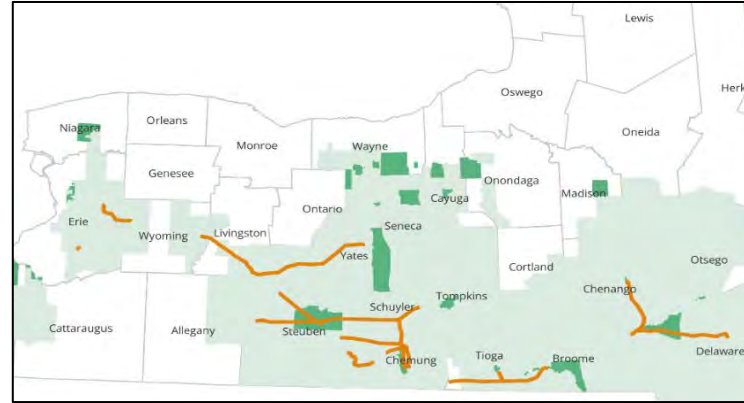
- Grid Modernization
- Resilient Infrastructure
- Transmission Line Upgrades

Flooding

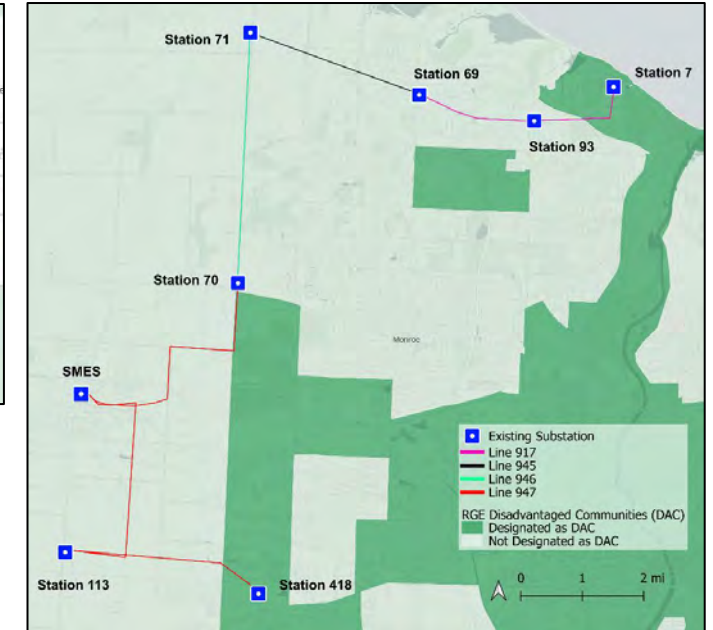
- Flood Mitigation Standards & Projects

Extreme Temperatures

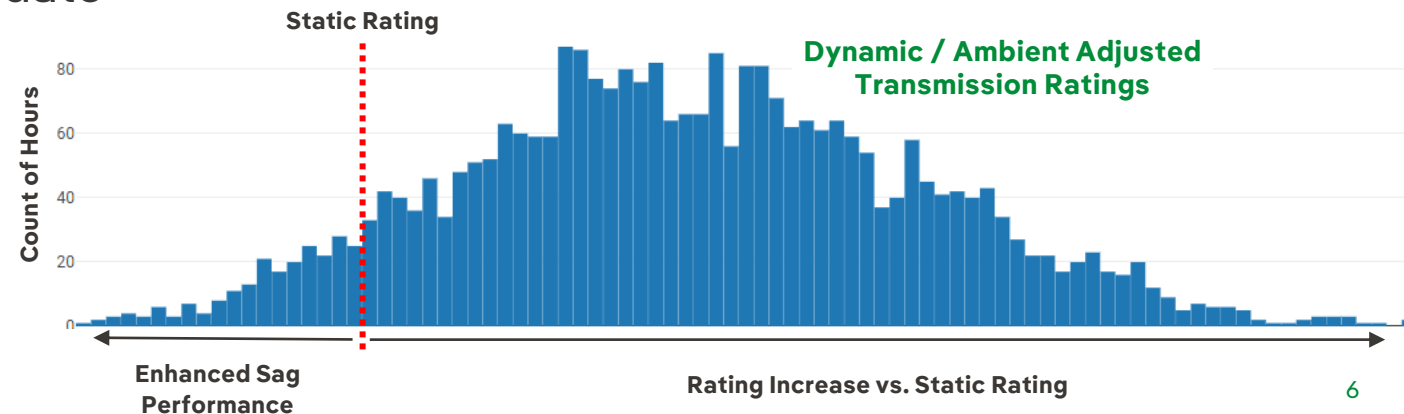
- Substation Transformer Specification Update
- Transmission Dynamic Line Ratings / Ambient Adjusted Ratings



NYSEG: CLCPA

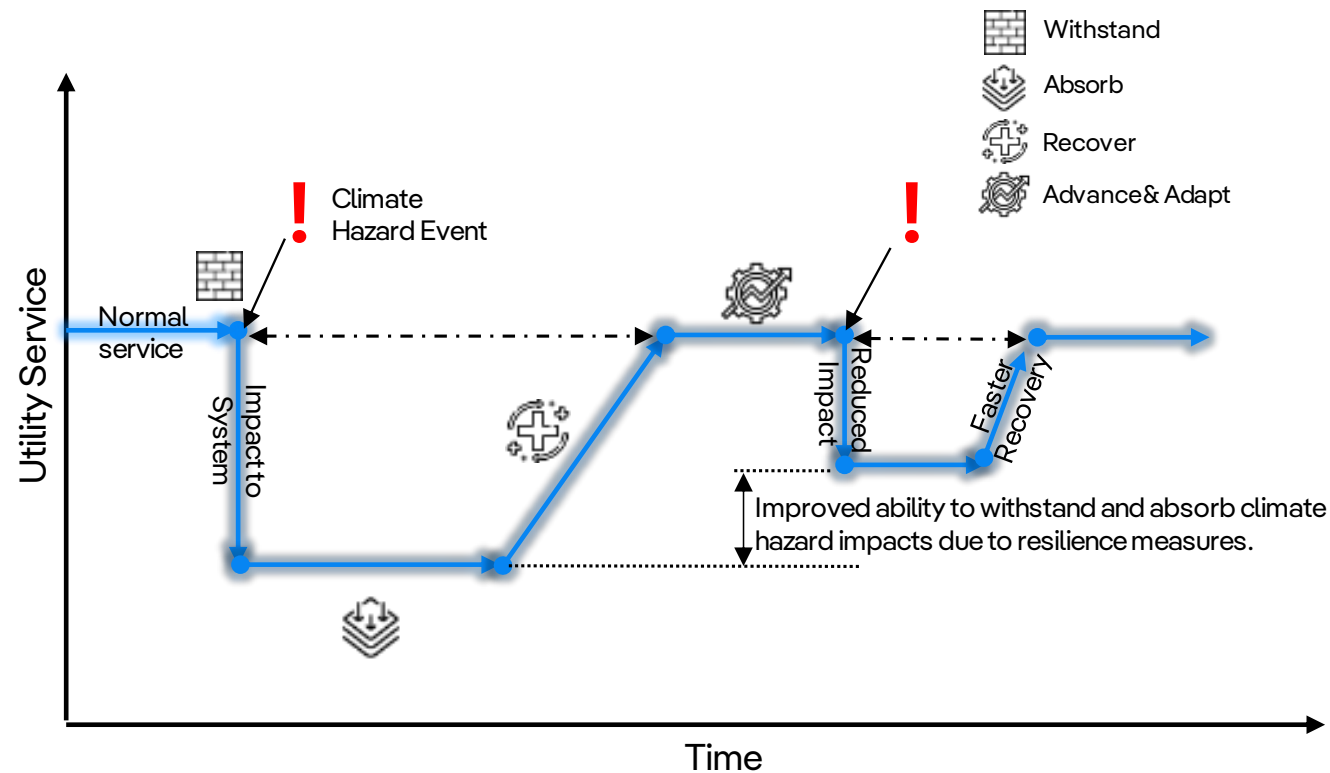


RG&E: MCRP



Resilience Framework

The Company used a multi-pronged approach to resilience, which benefits four dimensions of physical and operational aspects of the system.



Withstand: Strengthen assets and processes to resist a climate hazard event and avoid adverse impacts.

Absorb: Increase the ability to reduce the adverse impacts of climate hazards when the ability to withstand is exceeded.

Recover: Bolster the ability to reduce outage time in the aftermath of a climate hazard event.

Advance: continuous improvement and feedback loops to adjust and adapt to climate change.

On-Going Resilience Overview

Transmission Line Upgrades

- Rebuilding of existing lines as part of identified asset condition and/or capacity needs

Substation Flooding Projects

- Relocation of substations in the 100-year floodplain

Substation Transformer Replacements

- Replacement of transformers due to asset health or capacity needs

Distribution Resiliency

- Activities to harden distribution circuits to major storms



*"In 2024, NYSEG and RG&E will invest **\$38 million** in resiliency projects which include rebuilding circuits in Brewster, Elmira, Lancaster, Liberty, Oneonta and Rochester Central; **\$35 million** in automation, which add an additional 294 locations where they can remotely control equipment from the Energy Control Center; and more than **\$250 million** on replacing aging substation and overhead line equipment."*

On-Going Distribution Resilience Activity Example

WHAT IS HARDENING? (Withstand)

Improvement of system infrastructure by using more robust construction practices and materials

Hardening focuses on:

- Use of stronger, contact-resistant conductor
- Use of tree wire in all areas where tree encroachment is possible
- Replacement of failure-prone poles within the scope of a resiliency project
- Selective undergrounding of wires and other assets
- Enhanced design standards for increased resiliency and reliability

WHAT IS AUTOMATION? (Absorb)

Installation of SCADA devices to segment long circuits and increase speed of power restoration

Automation focuses on:

- Deployment of distribution reclosers and SCADA devices
- Segmentation of circuits into pockets of 500 customers
 - 500 customers is a general rule of thumb; however, this is to be analyzed on a case-by-case basis
- Creation of new circuit ties utilizing automation technology
- Sequential Reclosing Schemes

WHAT IS TOPOLOGY? (Advance/Recover)

Circuit-specific combination of actions including upgrading lines, increasing feeder ties and switching capabilities (with Automation), and enabling further segmentation of circuits to limit the number of customers that are impacted by an outage

Topology focuses on:

- Line upgrades, voltage conversions, load transfers, and construction of new circuit segments
- Installation of devices including step-transformers, voltage regulators, SCADA devices, and disconnect switches

WHAT IS EVM? (Adv./Recover)

A program working to maintain clearance between vegetation and distribution system infrastructure that is more aggressive than standard trimming

EVM focuses on:

- Historically trees have been a leading cause of outages, particularly during major storms
- Enhanced vegetation management's "ground-to-sky" approach can effectively reduce the probability of tree-caused outages.

Next Steps

Climate Resilience Working Group Meetings

- Will be held twice per calendar year
- Next meeting will be scheduled after PSC review is complete

Approval / Modification

- Per the legislation the PSC must approve or modify the plans with 11 months.
- Plans were submitted at the end of November 2023, 11 months later would be end of October 2024

Next Steps

- Once approved or modified, NYSEG and RG&E will share the final approved plans with county executives



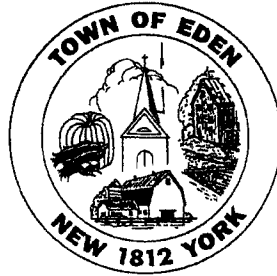
Questions & Discussion



MICHAEL M. BYRNES
GARY E. SAM
VINCENT V. VACCO
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COUNCIL MEMBERS

MICHAEL G. COOPER
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SUPERVISOR

EMILY N. HAWKINS
TOWN CLERK AND
TAX COLLECTOR

DAVID L. RICE
CODE ENFORCEMENT OFFICER

SUSAN L. JOHNSON
NYS CERTIFIED ASSESSOR

July 15, 2024

Town of Boston
8500 North Boston Road
Boston, NY 14025

Re: Special Use Permit Application

To Whom it May Concern:

The Eden Town Board has received a Special Use Permit application for a utility scale solar project at 9549 Knoll Road, Eden, NY 14057.

If your organization has any interest or questions related to this project, please feel free to call the Town of Eden Building Department at 716-992-3408 Option 2.

Sincerely,

Shelly Griebel
Planning Board Secretary

PROJECT No. 240052

PROJECT SITE INFORMATION	
SITE ADDRESS	5147 MANHATTAN ROAD
COUNTY PLAT BOOK NUMBER	238.050-1-7.111
GPS COORDINATES	42° 27' 22.3" N, 74° 03' 03.3" W
SITE ELEVATION	1,370 FT
UTILITY NAME	NATIONAL GRID
UTILITY ADDRESS	300 URB. BLDG. PKT 3 B UNIONDALE, NEW YORK, 11550
UTILITY CONTACT INFORMATION	1-800-452-6272
DEVELOPER NAME	DEVELOPMENT, SCAR
DEVELOPER ADDRESS	218 TWENTY-NINE, GAITHERSBURG, MD 10855
DEVELOPER CONTACT INFORMATION	510-688-3281
TECH. ENGINEER OF RECORD (EARTH) NAME	S. MULLIGAN
TECH. ENGINEER ADDRESS	100 CHARLES ST., ST. BROS. CATH., NY
TECH. ENGINEER CONTACT INFORMATION	200-334-3310
APPLICABLE BUILDING PERMITS AUTHORITY	SPRINTS INC. 10855

CIVIL SITE BASIS AND QUANTITY ESTIMATES	
PROJECT ZIPPING	NO (SUBSTRUCTURE)
CONCRETE APPLIED	AGGREGATE/SQUARE FEET
SETBACK FRONT MIN. BY CODE (FT)	N/A
SETBACK FRONT MIN. DESIGNED (FT)	100 FT TO ACCESS
SETBACK SIDE MIN. BY CODE (FT)	200 FT
SETBACK SIDE MIN. DESIGNED (FT)	200 FT
SETBACK REAR MIN. BY CODE (FT)	100 FT (FORAGE)
SETBACK REAR MIN. DESIGNED (FT)	200 FT
SETBACK SIDE MIN. BY CODE (FT)	200 FT (FORAGE)
MAX. TYPICAL HEIGHT BY CODE (FT)	35 FT
MAX. TYPICAL HEIGHT DESIGNED (FT)	50 FT
MAX. SETBACK HEIGHT DESIGNED (FT)	50 FT
LOT ELEVATION MIN. BY CODE (FEET)	100 FT
LOT ELEVATION MIN. DESIGNED (FEET)	100 FT +/-
ROAD WIDTH DESIGNED (FT)	20 FT
MAX. TYPICAL HEIGHT BY CODE (FT)	35 FT
MAX. TYPICAL HEIGHT DESIGNED (FT)	50 FT
MAX. SETBACK HEIGHT DESIGNED (FT)	50 FT
MAX. STRUCTURE OVERHANG BY CODE (IN)	18 IN
STRUCTURE OVERHANG BY DESIGN (IN)	10 IN
FOUNDATION AREA (SQUARE FEET)	163.5 SQ
FOOTING AREA (SQUARE FEET)	163.5 SQ
FOUNDATION AREA (SQ)	327 SF
FOOTING AREA (SQUARE FEET)	218 SQ
FOOTING AREA (SQUARE FEET)	153.57 SQ
AGGREGATE AREA (SQUARE FEET)	274 SQ
SETBACK (FT)	741 FT
DAIRY-LINE FENCE (LF)	3,841 LF
DECK CHUTE	1 DOORWAY DRIVE
DOOR CHUTE	121 LF
DOOR CHUTE	263.57 FT

PROJECT SUMMARY	
SYSTEM AC SIZE (MW)	5.0
SYSTEM AC SIZE (GK)	6.841.6
MIDDLE COUNT	11,320
INVERTER COUNT	40
SWITCHGEAR COUNT	3
TRANSFORMER COUNT	2
EQUIPMENT PAD COUNT	1
PILE COUNT	90
PANEL INTRANCE	500W

PREPARED BY:

FISHER

INDEX OF DRAWINGS		
DRAWING NUMBER	SHEET NUMBER	DRAWING TITLE
C-001	01	COVER SHEET
C-002	02	CONSTRUCTION NOTES
C100	03	EXISTING CONDITIONS
C-200	04	OVERALL SITE PLAN
C-201	05	SITE PLAN INDEX
C-202	06	CIVIL SITE PLAN - 1
C-203	07	CIVIL SITE PLAN - 2
C-204	08	CIVIL SITE PLAN - 3
C-300	09	OVERALL GRADING PLAN
C-301	10	OVERALL GRADING PLAN INDEX
C-302	11	CIVIL GRADING PLAN - 1
C-303	12	CIVIL GRADING PLAN - 2
C-304	13	CIVIL GRADING PLAN - 3
C400	14	ACCESS ROAD PLAN AND PROFILE INDEX
C-401	15	ACCESS ROAD PLAN AND PROFILE
C-402	16	ACCESS ROAD PLAN AND PROFILE
C-500	17	OVERALL E&S PLAN
C-501	18	E&S PLAN - 1
C-502	19	E&S PLAN - 2
C-503	20	E&S PLAN - 3
C-600	21	LANDSCAPING PLAN
C-700	22	ACCESS ROAD DETAIL
C-705	23	FENCE CIVIL DETAILS
C-710	24	EROSION CONTROL DETAILS
C-715	25	DRAINAGE AND LANDSCAPE DETAILS

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IN PROJECT NO. 240052 PROJECT MANAGER S. MELLOTT	DRAWN BY C. HARVEY SCALE AS SHOWN	PRINT DATE 5/29/2024
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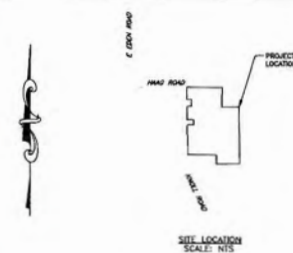


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C-001



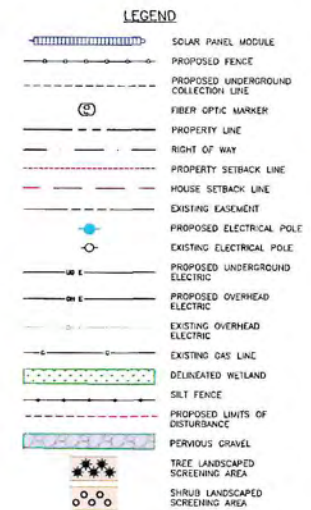
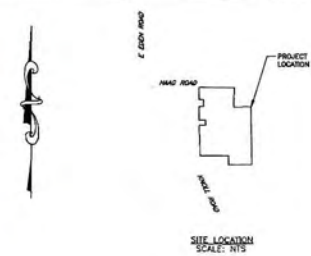
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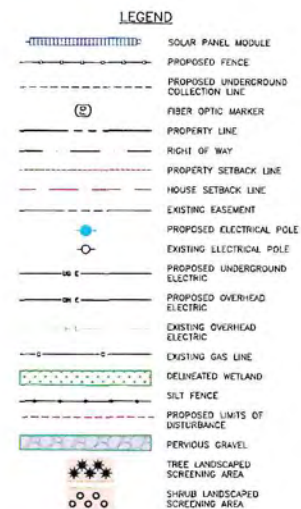
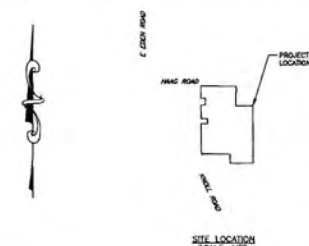
LEGEND

-
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PROJECT AREA
RIGHT OF WAY
PROPERTY SETBACK LINE
HOUSE SETBACK LINE
EXISTING EASEMENT
EXISTING TREE LINE
EXISTING FENCE
EXISTING ELECTRICAL POLE
EXISTING OVERHEAD ELECTRIC
EXISTING GAS LINE
DILUVIATED WETLAND

PROJECT KNOLL EDEN SOLAR 9549 KNOLL ROAD TOWN OF EDEN, NEW YORK 14937		PLANNING NO. C-100		TITLE & NUMBER EXISTING CONDITIONS AND DEMOLITION PLAN		 FISHER ASSOCIATES 100 WEST 14TH STREET, SUITE 100 NEW YORK, NY 10011-3209 TEL: 212-691-1000 FAX: 212-691-1001 WWW.FISHERASSOCIATES.COM				14-AD-00000000 2400052 PROJECT MANAGER S. MELLOTT DESIGNER C. HARVEY REVIEWER J. BULLARD		10/27/2014 150	
						1. REVISIONS 2. REVISIONS 3. REVISIONS 4. REVISIONS 5. REVISIONS 6. REVISIONS 7. REVISIONS 8. REVISIONS 9. REVISIONS 10. REVISIONS 11. REVISIONS 12. REVISIONS 13. REVISIONS 14. REVISIONS 15. REVISIONS 16. REVISIONS 17. REVISIONS 18. REVISIONS 19. REVISIONS 20. REVISIONS 21. REVISIONS 22. REVISIONS 23. REVISIONS 24. REVISIONS 25. REVISIONS 26. REVISIONS 27. REVISIONS 28. REVISIONS 29. REVISIONS 30. REVISIONS 31. REVISIONS 32. REVISIONS 33. REVISIONS 34. REVISIONS 35. REVISIONS 36. REVISIONS 37. REVISIONS 38. REVISIONS 39. REVISIONS 40. REVISIONS 41. REVISIONS 42. REVISIONS 43. REVISIONS 44. REVISIONS 45. REVISIONS 46. REVISIONS 47. REVISIONS 48. REVISIONS 49. REVISIONS 50. REVISIONS 51. REVISIONS 52. REVISIONS 53. REVISIONS 54. REVISIONS 55. REVISIONS 56. REVISIONS 57. REVISIONS 58. REVISIONS 59. REVISIONS 60. REVISIONS 61. REVISIONS 62. REVISIONS 63. REVISIONS 64. REVISIONS 65. REVISIONS 66. REVISIONS 67. REVISIONS 68. REVISIONS 69. REVISIONS 70. REVISIONS 71. REVISIONS 72. REVISIONS 73. REVISIONS 74. REVISIONS 75. REVISIONS 76. REVISIONS 77. REVISIONS 78. REVISIONS 79. REVISIONS 80. REVISIONS 81. REVISIONS 82. REVISIONS 83. REVISIONS 84. REVISIONS 85. REVISIONS 86. REVISIONS 87. REVISIONS 88. REVISIONS 89. REVISIONS 90. REVISIONS 91. REVISIONS 92. REVISIONS 93. REVISIONS 94. REVISIONS 95. REVISIONS 96. REVISIONS 97. REVISIONS 98. REVISIONS 99. REVISIONS 100. REVISIONS							

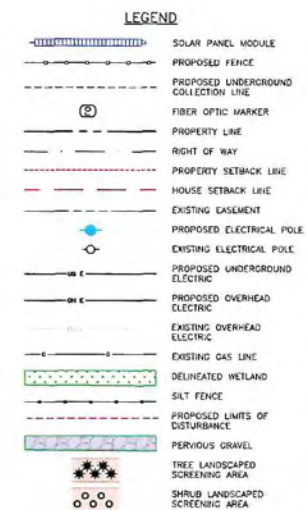
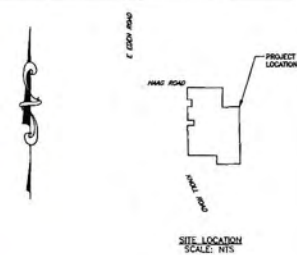


PROJECT: EDEN SOAR 8649 KNOX ROAD TOWN OF EDEN, NEW YORK 14057		 FISHER ASSOCIATES WWW.FISHERASSOCIATES.COM				ALL PROCEEDINGS IN MATTER OF JACQUES S. MELLITO JUDGMENT C. HARVEY ESQ. AS SHOWN BILL/GATE 5/29/2024		NEW YORK STATE JUDICIAL BRANCH		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781	
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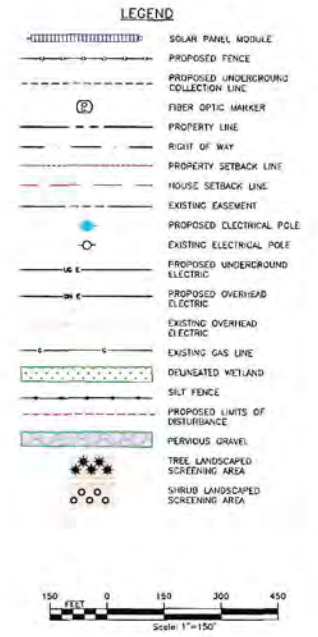
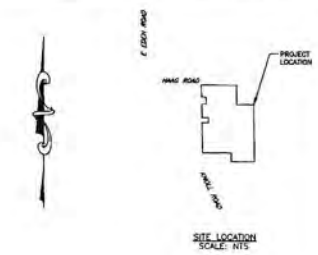
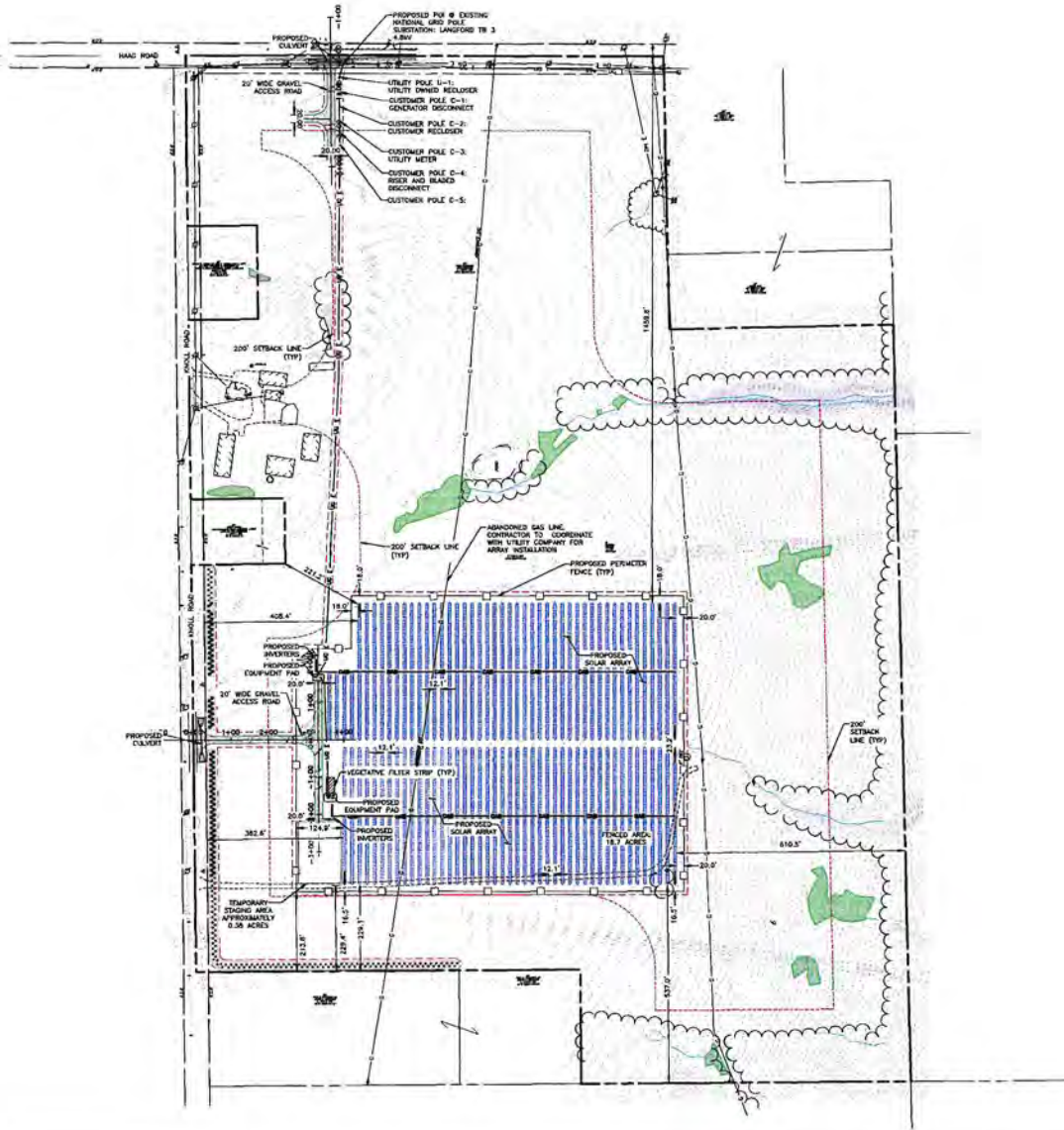
DRAWING NO.		C-203	
SHEET 67 OF 68			
SUBJECT KNOLL EDEN SOLAR 8949 KNOLL ROAD TOWN OF EDEN, NEW YORK 14057		TITLE (SEE SHEETS) CIVIL SITE PLAN - 2	
		14057SECTION 240052 PROJECT MANAGER S. MELLOTT DRAWN BY C. HARVEY CHECKED BY A.S. SHOWN PRINT DATE 5/28/2024	
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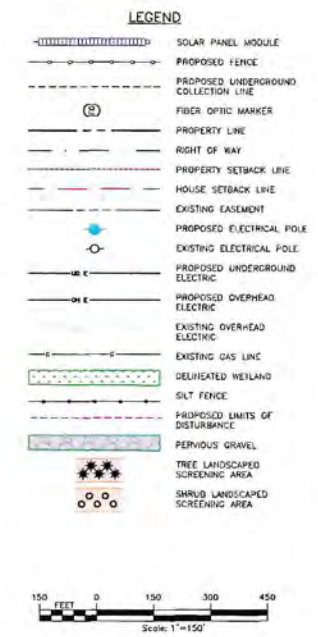
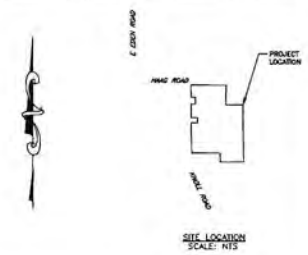
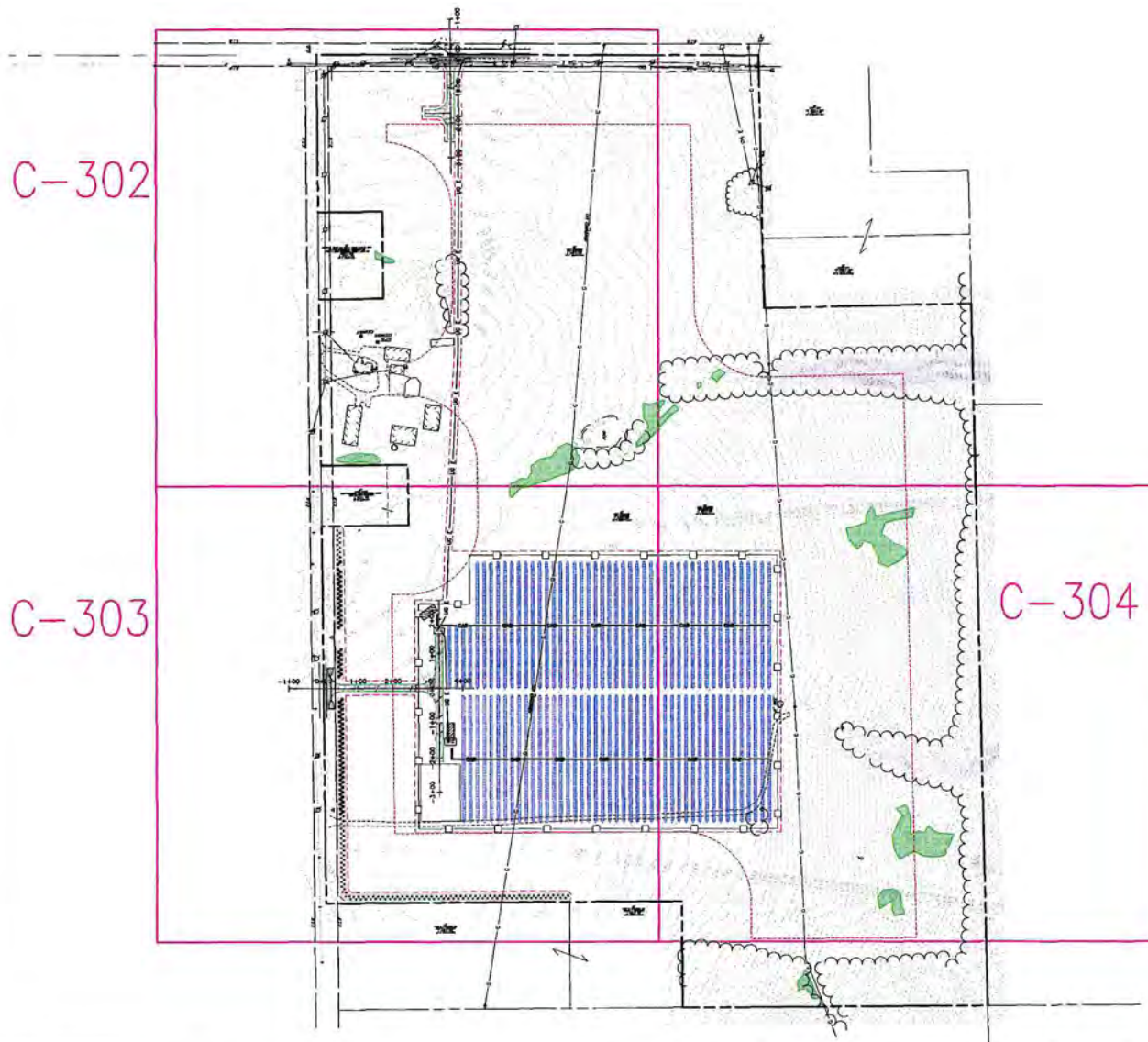
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PROJECT KNOLL EDEN SOLAR TOWN OF EDEN, NEW YORK 14027	TITLE & DRAWING OVERALL GRADING PLAN
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DRAWING NO. C-300	SHEET 06 OF 27
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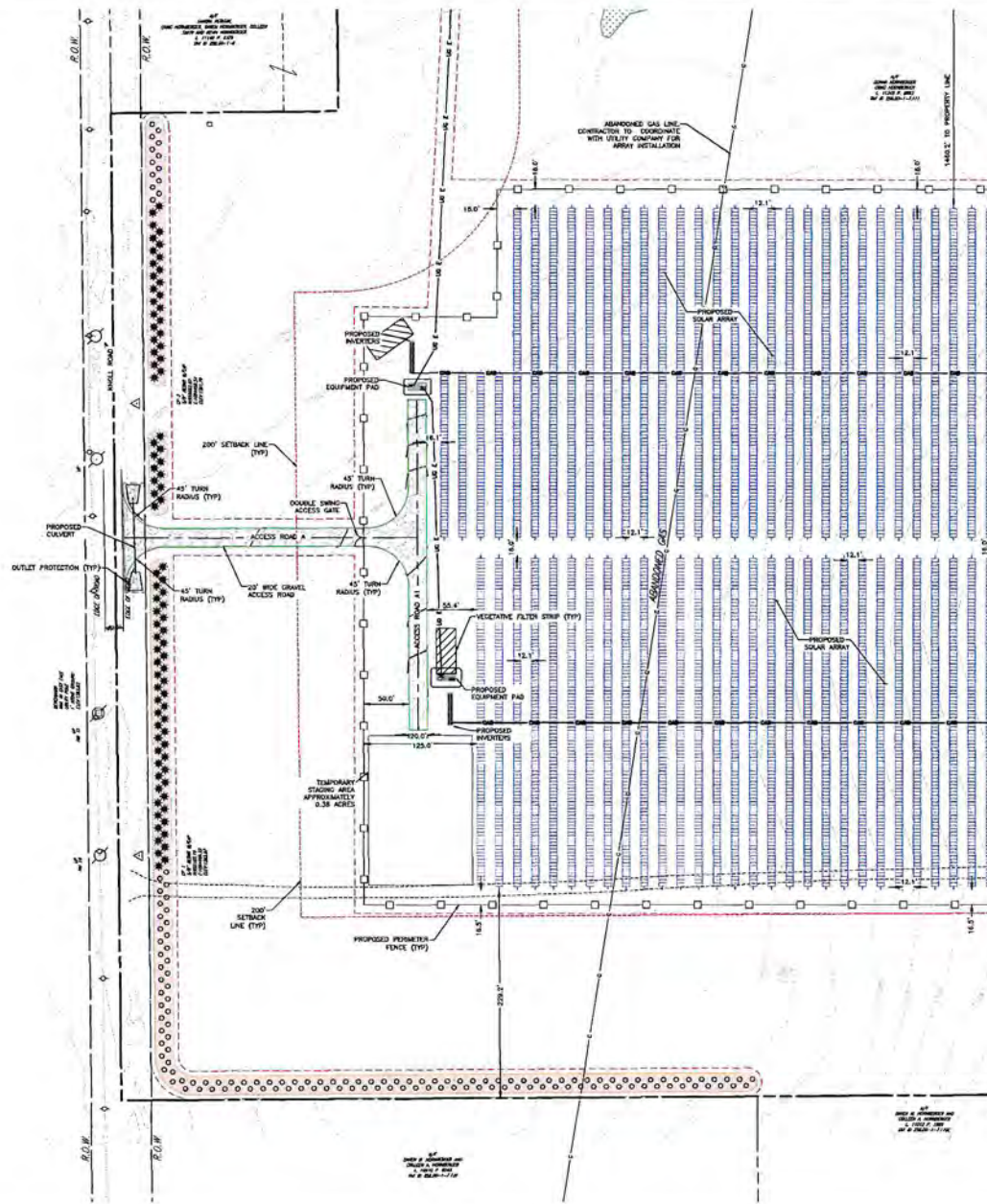
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CLIENT	TOWN OF EDEN, NEW YORK 14087
DESIGNER	FISHER ENGINEERS
DATE	7/12/2024
SCALE	AS SHOWN
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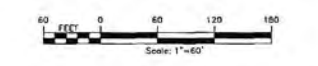
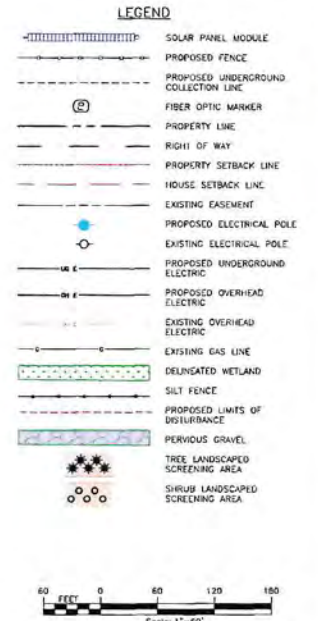
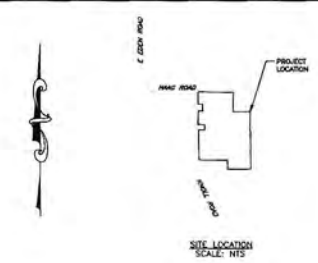
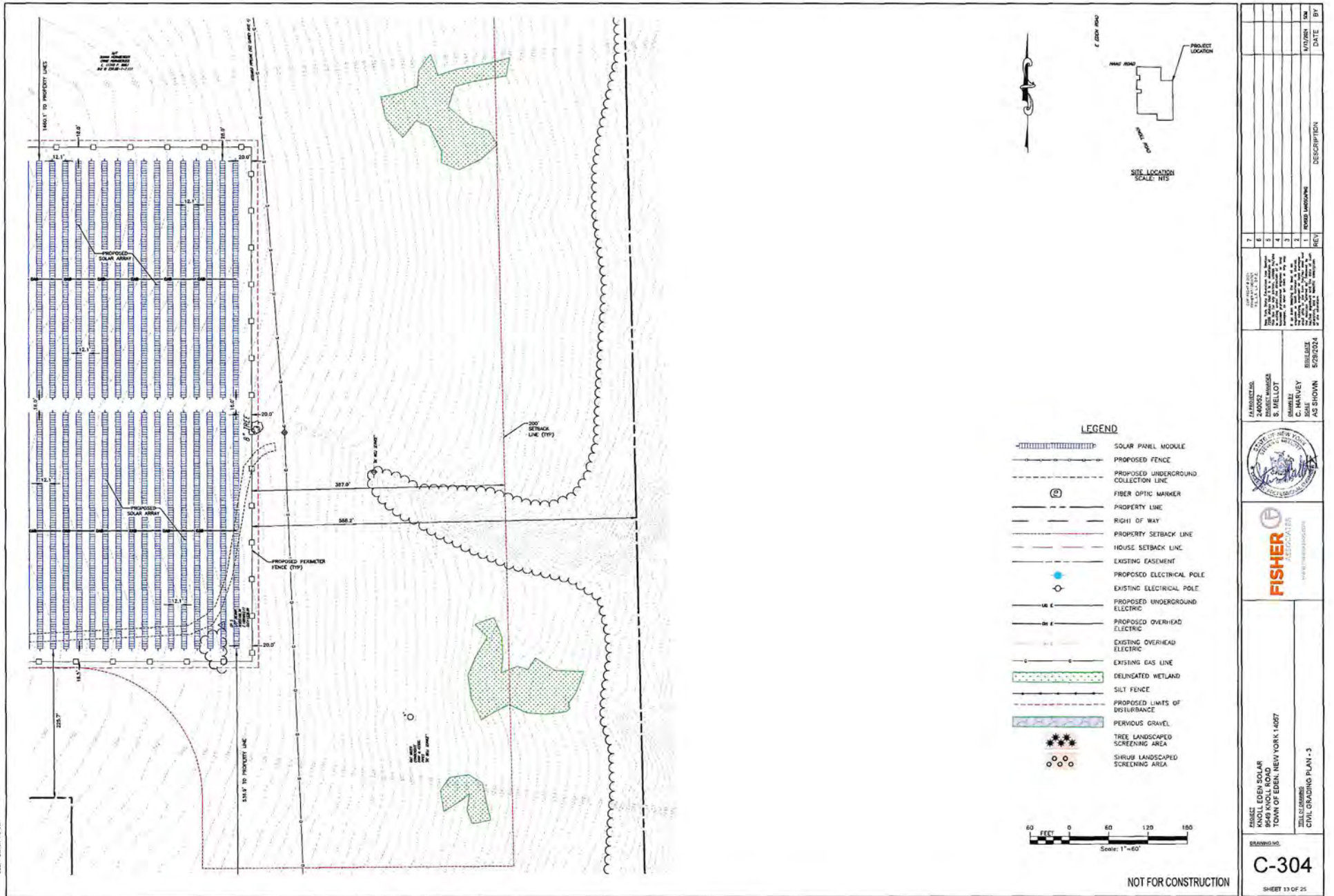


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PROJECT: EDEN SOLAR
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 TOWN OF EDEN, NEW YORK 14057
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 DRAWING: C-303
 SHEET 12 OF 25

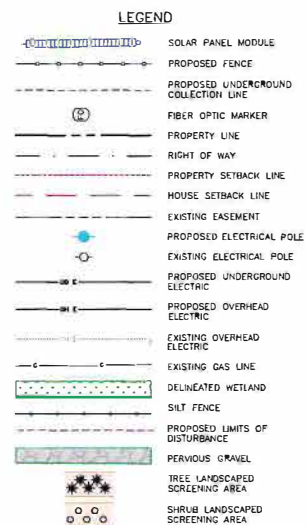
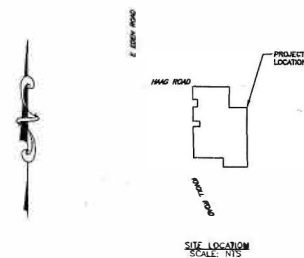
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100	REVISED PER TOWN OF EDEN COMMENTS	7/12/2024	J. HARRIS

The image is a topographic map of a site, likely a construction or planning site. It features contour lines indicating elevation. A large rectangular area in the center is filled with blue diagonal lines. To the left of this area, there are several buildings and structures. Two specific areas are highlighted with red rectangles and labeled 'C-401' and 'C-402' in red. 'C-401' is located near the bottom left, and 'C-402' is located near the top left. The map includes various lines, symbols, and a north arrow pointing towards the top right.



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Profile view of the proposed road grade (TYP). The vertical axis shows elevations from 1335 to 1380 feet. The horizontal axis shows stations from 2400 to 2450. The profile includes several vertical curves and grade segments.

Key data points and labels:

- STA 2+12.75, ELEV 1370.85
- 0.13-FT @ 25.00%
- STA 2+12.89, ELEV 1370.82
- 0.24-FT @ 0.33%
- PM STA = -1+72.02, PI ELEV = 1370.97, 50.00-FT VC
- PM STA = -0+42.24, PI ELEV = 1368.12, 50.00-FT VC
- 80.00-FT @ -2.18%
- 30.54-FT @ -1.00%
- ACCESS ROAD
- PROPOSED GRADE (TYP)
- PM STA = 0+38.26, PI ELEV = 1367.31, 50.00-FT VC
- 86.18-FT @ 3.12%
- 0.23-FT @ -25.00%
- STA 1+21.38, ELEV 1363.34
- STA 1+51.61, ELEV 1353.53

Scale: 1" = 40'

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FA PROJECT NO.
240052
PROJECT MANAGER
S. MELLOTT
DRAWN BY
C. HARVEY
SCALE
AS SHOWN
ISSUE DATE
5/29/2024



FISHER
ASSOCIATES

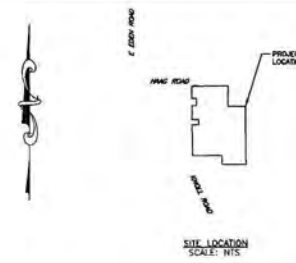
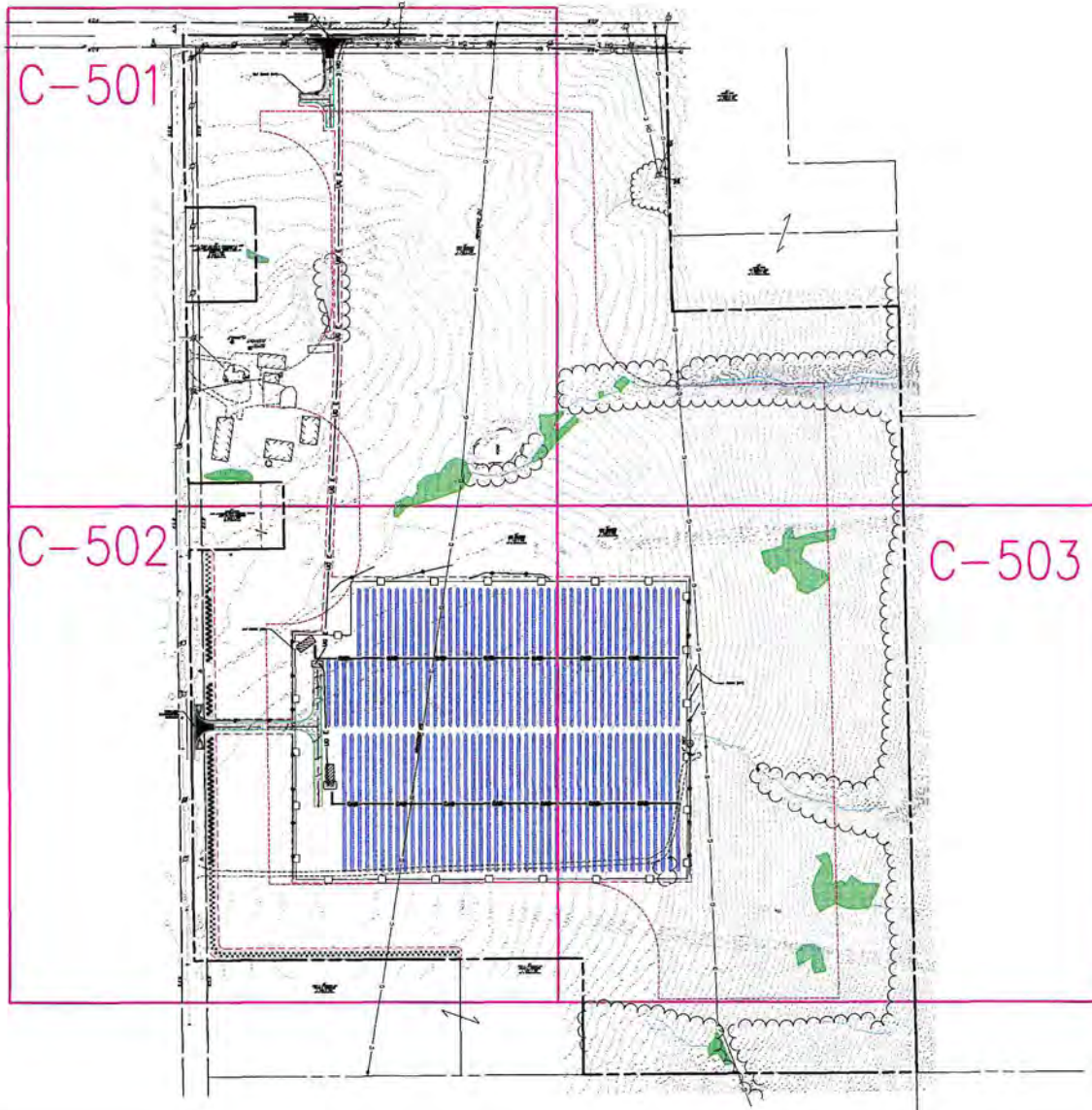
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TOWN OF EDEN, NEW YORK 14057

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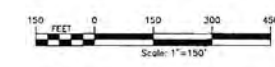
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2025 RELEASE UNDER E.O. 14176
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 LISP: STREETS.MDI



- LEGEND**
- SOLAR PANEL MODULE
 - PROPOSED FENCE
 - PROPOSED UNDERGROUND COLLECTION LINE
 - FIBER OPTIC MARKER
 - PROPERTY LINE
 - RIGHT OF WAY
 - PROPERTY SETBACK LINE
 - HOUSE SETBACK LINE
 - EXISTING EASEMENT
 - PROPOSED ELECTRICAL POLE
 - EXISTING ELECTRICAL POLE
 - PROPOSED UNDERGROUND ELECTRIC
 - PROPOSED OVERHEAD ELECTRIC
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING GAS LINE
 - DELINEATED WETLAND
 - SALT FENCE
 - PROPOSED LIMITS OF DISTURBANCE
 - POROUS GRAVEL
 - TREE LANDSCAPED SCREENING AREA
 - SHRUB LANDSCAPED SCREENING AREA



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PROJECT: KNOX EDEN SOLAR
 TOWN OF EDEN, NEW YORK 14057

DESIGN: J. M. M.
 OVERALL EAS PLAN

C-500

SHEET 17 OF 25

DATE: 5/28/2024

SCALE: AS SHOWN

DESIGNER: C. HARVEY

PROJECT: S. MELLOTT

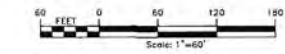
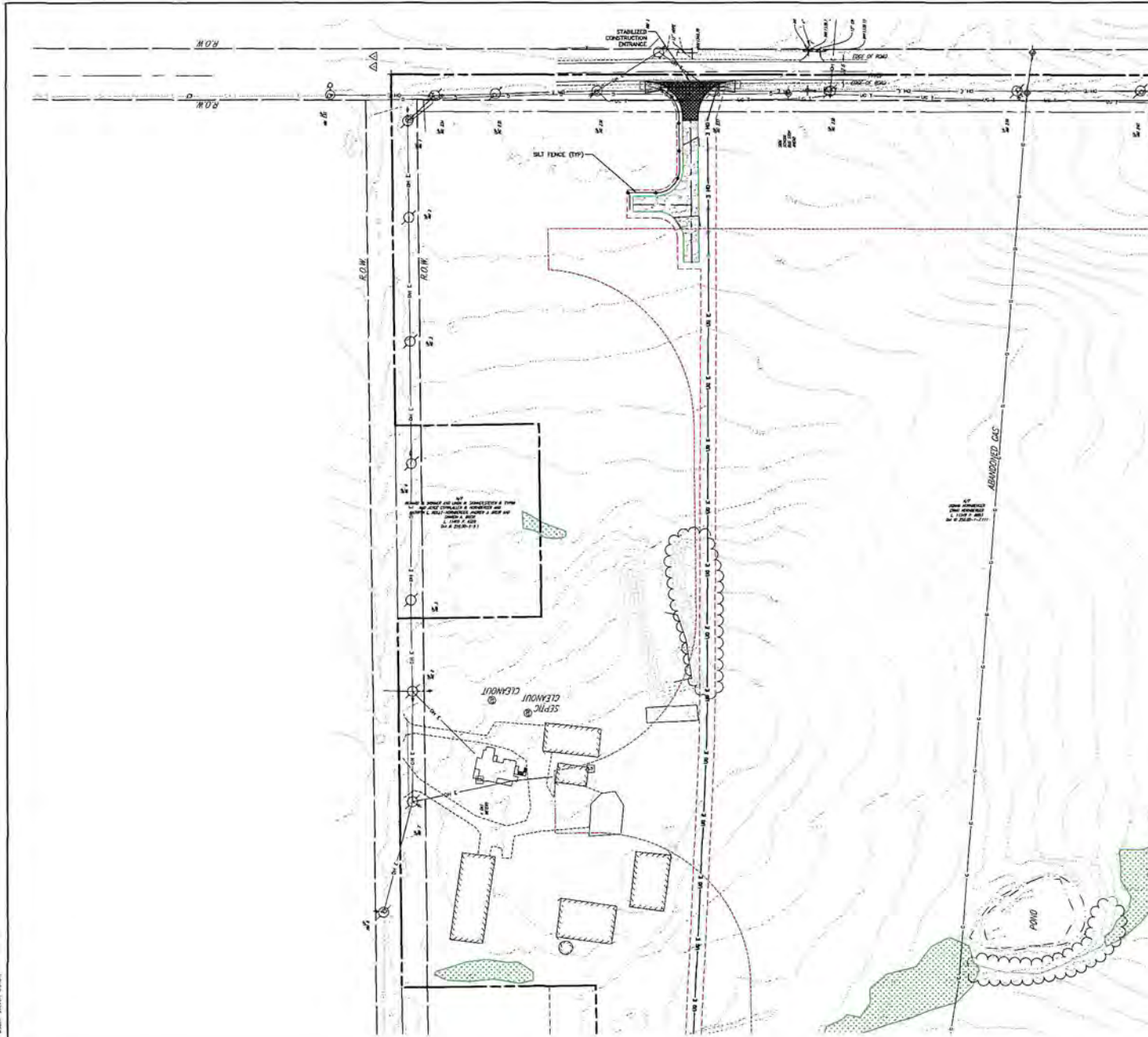
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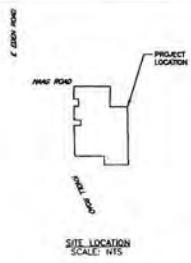
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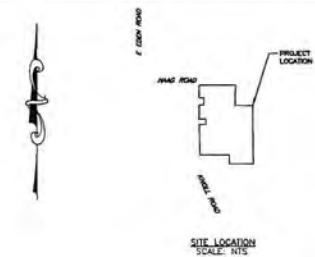
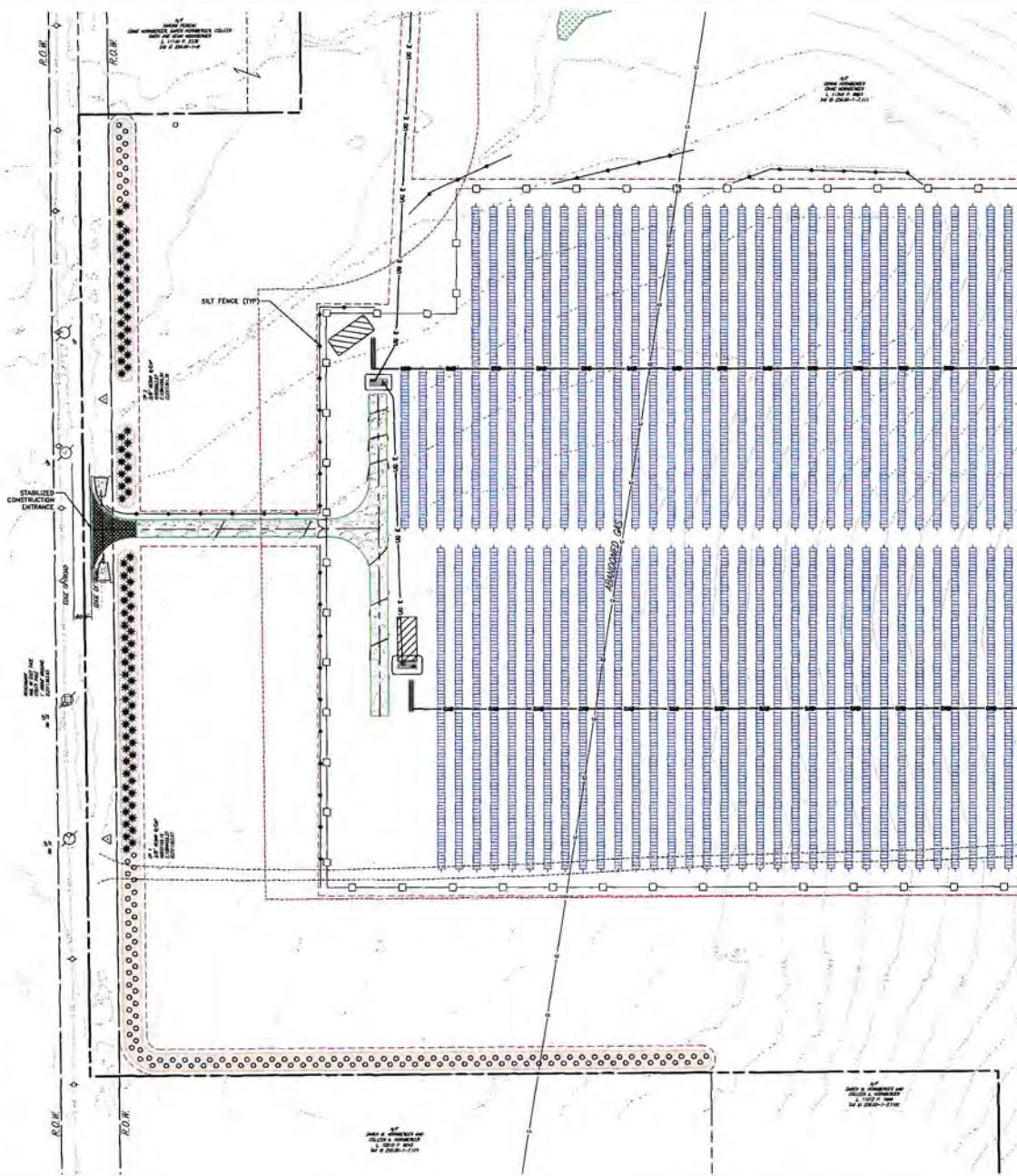
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 - RIGHT OF WAY
 - PROPERTY SETBACK LINE
 - HOUSE SETBACK LINE
 - EXISTING EASEMENT
 - PROPOSED ELECTRICAL POLE
 - EXISTING ELECTRICAL POLE
 - PROPOSED UNDERGROUND ELECTRIC
 - PROPOSED OVERHEAD ELECTRIC
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING GAS LINE
 - DELINEATED WETLAND
 - SILTY FENCE
 - PROPOSED LIMITS OF DISTURBANCE
 - PERVIOUS GRAVEL
 - TREE LANDSCAPED SCREENING AREA
 - SHRUB LANDSCAPED SCREENING AREA



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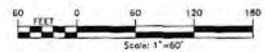
PROJECT NO.	240052	DATE	8/30/24
PROJECT NAME	EDEN SOLAR	SCALE	AS SHOWN
DESIGNER	S. HELLER	DATE	8/30/24
CHECKER	J. HARRIS	DATE	8/30/24
APPROVER	J. HARRIS	DATE	8/30/24

PROJECT	KNOLL EDEN SOLAR
ADDRESS	9509 KNOLL ROAD
TOWN	TOWN OF EDEN, NEW YORK 14057
DRAWING NO.	C-501
SHEET 14 OF 25	



LEGEND

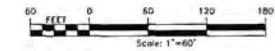
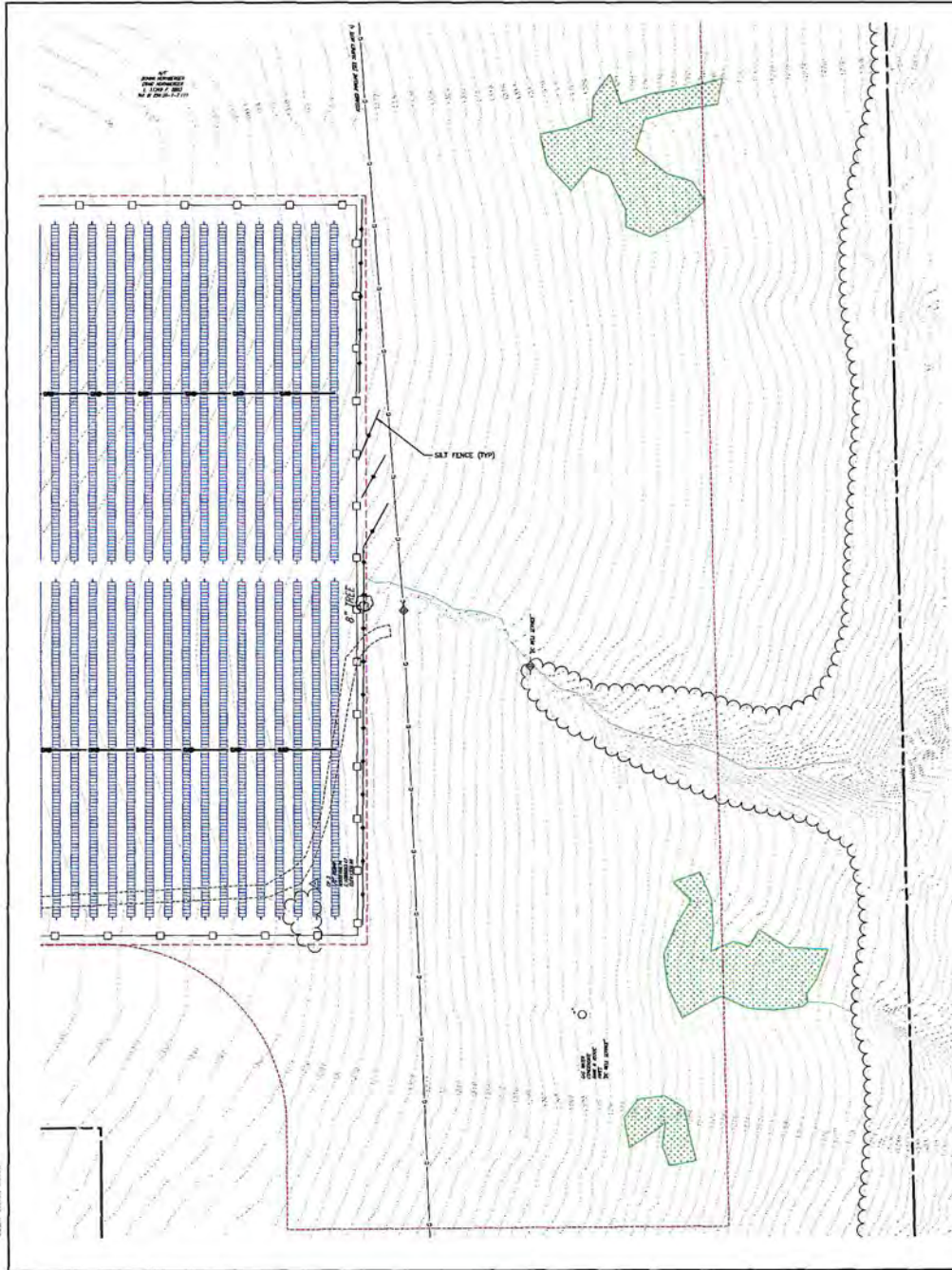
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|--|--------------------------------------|
| | SOLAR PANEL MODULE |
| | PROPOSED FENCE |
| | PROPOSED UNDERGROUND COLLECTION LINE |
| | FIBER OPTIC MARKER |
| | PROPERTY LINE |
| | RIGHT OF WAY |
| | PROPERTY SETBACK LINE |
| | HOUSE SETBACK LINE |
| | EXISTING EASEMENT |
| | PROPOSED ELECTRICAL POLE |
| | EXISTING ELECTRICAL POLE |
| | PROPOSED UNDERGROUND ELECTRIC |
| | PROPOSED OVERHEAD ELECTRIC |
| | EXISTING OVERHEAD ELECTRIC |
| | EXISTING GAS LINE |
| | DELINEATED WETLAND |
| | SILT FENCE |
| | PROPOSED LIMITS OF DISTURBANCE |
| | PERVIOUS GRAVEL |
| | TREE LANDSCAPED SCREENING AREA |
| | SHRUB LANDSCAPED SCREENING AREA |



NOT FOR CONSTRUCTION

[illegible]

FILE NAME: N:\Projects\1742021-00-1\EdenSolar\1742021 - C-503 Eden Solar EAS Plan(0).dwg
 DATE/PLOT: 7/7/2024 8:50:34 AM
 USER: LARRY BROWN



- LEGEND**
- SOLAR PANEL MODULE
 - PROPOSED FENCE
 - PROPOSED UNDERGROUND COLLECTION LINE
 - FIBER OPTIC MARKER
 - PROPERTY LINE
 - RIGHT OF WAY
 - PROPERTY SETBACK LINE
 - HOUSE SETBACK LINE
 - EXISTING EASEMENT
 - PROPOSED ELECTRICAL POLE
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 - PROPOSED UNDERGROUND ELECTRIC
 - PROPOSED OVERHEAD ELECTRIC
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 - EXISTING GAS LINE
 - DELINEATED WETLAND
 - SILT FENCE
 - PROPOSED LIMITS OF DISTURBANCE
 - PERVIOUS GRAVEL
 - TREE LANDSCAPED SCREENING AREA
 - SHRUB LANDSCAPED SCREENING AREA



PROJECT: KNOX EDEN SOLAR
 9549 KNOX ROAD
 TOWN OF EDEN, NEW YORK 14057

DATE: 7/7/2024

PROJECT NO: 240052

PROJECT MANAGER: S. MELLOTT

DESIGNER: C. HARVEY

DATE: 5/28/2024

AS SHOWN

NOT FOR CONSTRUCTION

C-503

SHEET 20 OF 25

NO.	DATE	DESCRIPTION
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OPTION A - PREFERRED SEED MIX

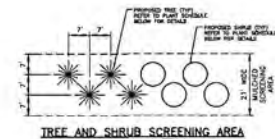
Species	Scientific Name	Pack Size (Lbs Per 1000 Seeds)	% of Mix
Chewing Fescue	<i>Festuca rubra</i>	53.00	15.14%
Craying Red Fescue	<i>Festuca rubra</i>	26.00	7.43%
Hard Fescue	<i>Festuca rubra</i>	57.00	16.29%
Kentucky Bluegrass	<i>Poa pratensis</i>	73.00	20.80%
Sheep Fescue	<i>Festuca ovina</i>	62.00	17.86%
Crimson Clover	<i>Trifolium incarnatum</i>	10.00	2.86%
Head All	<i>Plantago virginica</i>	3.50	0.99%
Western Yarrow (native source)	<i>Achillea millefolium var. canadensis</i>	13.00	3.71%
White Dutch Clover	<i>Trifolium repens</i>	54.00	15.49%
Graminoids Total		291.00	72.37%
Forb Total		76.50	22.13%
Total Seed Mix		367.50	100.00%

*Species may exist in limited quantities. If not available, allocate this portion of seed mix to E. repens.
 **This is a short statured sub-species. Seed mix must contain this or an equivalent short statured sub-species.

OPTION B - SEED MIX TO BE USED IF OPTION A IS NOT AVAILABLE

Species	Scientific Name	Pack Size (Lbs Per 1000 Seeds)	% of Mix
Redtop (short variety)	<i>Lolium rigidum</i>	100.00	26.31%
Canada Bluegrass	<i>Poa canaliculata</i>	25.00	6.50%
Kentucky Bluegrass	<i>Poa pratensis</i>	73.00	19.76%
Australian Bluegrass	<i>Lolium perenne</i>	73.00	19.76%
Pink Rush	<i>Juncus acutus</i>	35.00	9.22%
Crimson Clover	<i>Trifolium incarnatum</i>	10.00	2.63%
Head All	<i>Plantago virginica</i>	3.50	0.92%
Western Yarrow (native source)	<i>Achillea millefolium var. canadensis</i>	13.00	3.47%
White Dutch Clover	<i>Trifolium repens</i>	45.00	11.86%
Graminoids Total		364.00	93.46%
Forb Total		60.50	16.54%
Total Seed Mix		424.50	100.00%

*Species may exist in limited quantities. If not available, allocate this portion of seed mix to E. repens.
 **This is a short statured sub-species. Seed mix must contain this or an equivalent short statured sub-species.

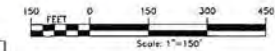


PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	SIZE & ROOT	SPACING	QUANTITY
★	TBD	TREE TYPE TBD	TBD	7' O.C. (AS SHOWN)	88
○	TBD	SHRUB TYPE TBD	TBD	7' O.C. (AS SHOWN)	138



- LEGEND**
- SOLAR PANEL MODULE
 - PROPOSED FENCE
 - PROPOSED UNDERGROUND COLLECTION LINE
 - FIBER OPTIC MARKER
 - PROPERTY LINE
 - RIGHT OF WAY
 - PROPERTY SETBACK LINE
 - HOUSE SETBACK LINE
 - EXISTING EASEMENT
 - PROPOSED ELECTRICAL POLE
 - EXISTING ELECTRICAL POLE
 - PROPOSED UNDERGROUND ELECTRIC
 - PROPOSED OVERHEAD ELECTRIC
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING GAS LINE
 - DELINEATED WETLAND
 - SALT FENCE
 - PROPOSED LIMITS OF DISTURBANCE
 - PERVIOUS GRAVEL
 - TREE LANDSCAPED SCREENING AREA
 - SHRUB LANDSCAPED SCREENING AREA
 - SEED AND MULCH APPLICATION AREA



NOT FOR CONSTRUCTION

NO.	DATE	BY	DESCRIPTION
1	8/12/2024	JWB	ISSUED FOR PERMIT
2	8/12/2024	JWB	ISSUED FOR PERMIT
3	8/12/2024	JWB	ISSUED FOR PERMIT
4	8/12/2024	JWB	ISSUED FOR PERMIT
5	8/12/2024	JWB	ISSUED FOR PERMIT
6	8/12/2024	JWB	ISSUED FOR PERMIT
7	8/12/2024	JWB	ISSUED FOR PERMIT
8	8/12/2024	JWB	ISSUED FOR PERMIT
9	8/12/2024	JWB	ISSUED FOR PERMIT
10	8/12/2024	JWB	ISSUED FOR PERMIT

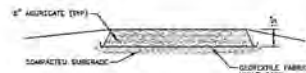
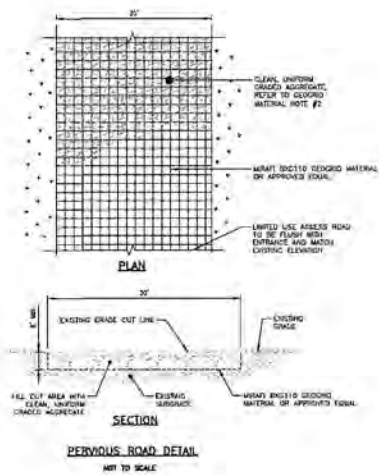
PROJECT: KNOLL EDEN SOLAR
 9549 KNOLL ROAD
 TOWN OF EDEN, NEW YORK 14057

DESIGNER: FISHER ASSOCIATES
 1000 W. 14TH STREET
 SUITE 200
 ALBANY, NY 12204
 (518) 486-1111
 WWW.FISHERASSOCIATES.COM

DATE: 8/12/2024
BY: JWB
SCALE: AS SHOWN

DRAWING NO.: C-600

SHEET 21 OF 25

[illegible]

STAGING AREA NOTES:

1. STRIP AND STOCKPILE TOPSOIL.
2. INSTALL STAGING AREA.
3. REMOVE STONE WHEN STAGING AREA IS NO LONGER NEEDED.
4. OCCUPANT SUBGRADE SOLES PER NYSDOT SHOW TABLE 5.3 SOIL RESTORATION REQUIREMENTS.
5. REINSTALL STOCKPILED TOPSOIL.
6. SEED AND MULCH THE DISTURBED AREA.

TEMPORARY STAGING AREA
NOT TO SCALE

NOT FOR CONSTRUCTION

PROJECT:
KNOLL EDEN SOLAR
9549 KNOLL ROAD
TOWN OF EDEN, NEW YORK 14057

PROJECT:
KNOLL EDEN SOLAR
9549 KNOLL ROAD
TOWN OF EDEN, NEW
JERSEY

DATE OF DELIVERY:
ACCESS ROAD DETAIL

QUANTUM

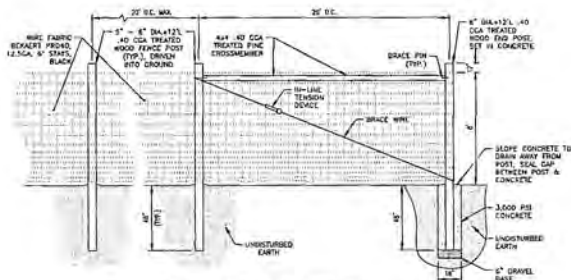
C-700

SHEET 22 OF 25

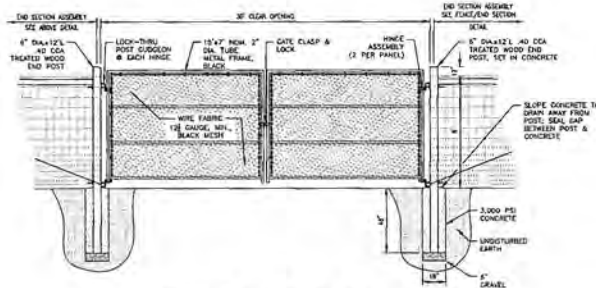
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LEASONS RE 246052 INSURANCE WORKERS S. MELLOTT	LEASONS RE C. HARVEY SCHULZ C. HARVEY	(OFFICIALS) (1981) (OFFICIALS) (1981) (OFFICIALS) (1981)
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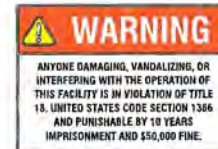




TYPICAL AGRICULTURAL FENCE DETAIL
NOT TO SCALE



AGRICULTURAL CHAIN LINK GATE DETAIL
NOT TO SCALE



NOTES:

1. ALL SIGNS TO BE 18" x 24" IN SIZE.
2. SIGNS SHALL BE IN RETICENT AND 60 COLOR. SIGN MATERIAL SHALL BE HOPE OR LIGHT GAUGE GALVANIZED STEEL.
3. SIGNS TO BE ATTACHED TO FENCING WITH PERMANENT FASTENERS.

PERMANENT SIGNAGE
NOT TO SCALE

NOT FOR CONSTRUCTION

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PROJECT: KNOLL EDEN SOLAR
9549 KNOLL ROAD
TOWN OF EDEN, NEW YORK 14057

DESIGNED BY: JAMES JAMES
CHECKED BY: JAMES JAMES
DATE: 11/12/2019

SCALE: AS SHOWN

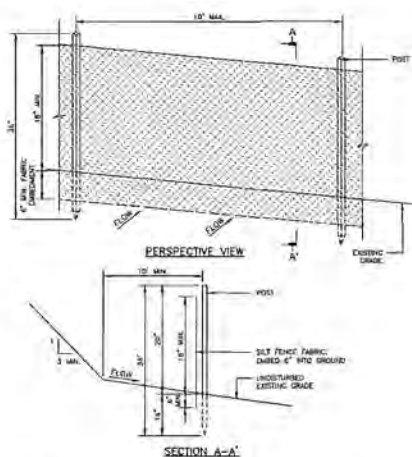
STATE OF NEW YORK
COUNTY OF CATTARAUGUS

FISHER
A TOLLWAY COMPANY

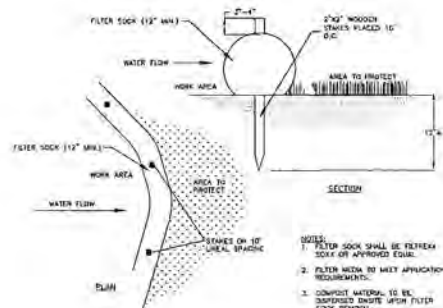
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C-705

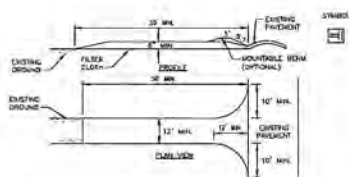
SHEET 23 OF 26



STANDARD SILT FENCE
NOT TO SCALE



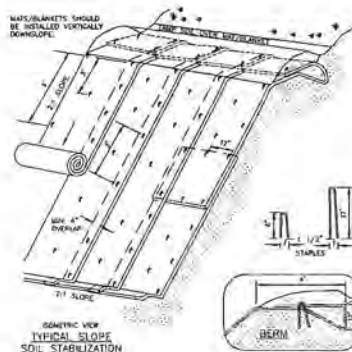
**FILTER SOCK - OPTIONAL
REPLACEMENT TO SILT FENCE**
NOT TO SCALE



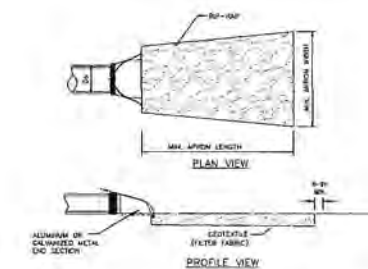
CONSTRUCTION SPECIFICATIONS

- STONE SIZE - 1/2" TO 2" SINGLE OR FINEST CONCRETE EQUIVALENT
- LENGTH - NOT LESS THAN 10 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY)
- THICKNESS - NOT LESS THAN 6" (6) INCHES
- WIDTH - TWELVE (12) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE BERMS OR DITCHES OCCUR. TWENTY-FOUR (24) FOOT X SINGLE ENTRANCE TO ROAD
- FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE
- SURFACE WATER - ALL SURFACE WATER FLOWING OR SPILLING TOWARD CONSTRUCTION ENTRANCES SHALL BE PREVENTED BY THE ENTRANCE OF STONE OR IMPROVED A MOUNTAIN. SOIL WITH SILT SHOULD NOT BE PERMITTED
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED AS A CONSTRUCTION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT DURING PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLS, DRIFTS, MOUNDS OR TRACKS DURING PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY
- WHEN MAINTENANCE IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE, AND WHICH DRAINAGE INTO AN APPROVED SEDIMENT TRAPPING DEVICE
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



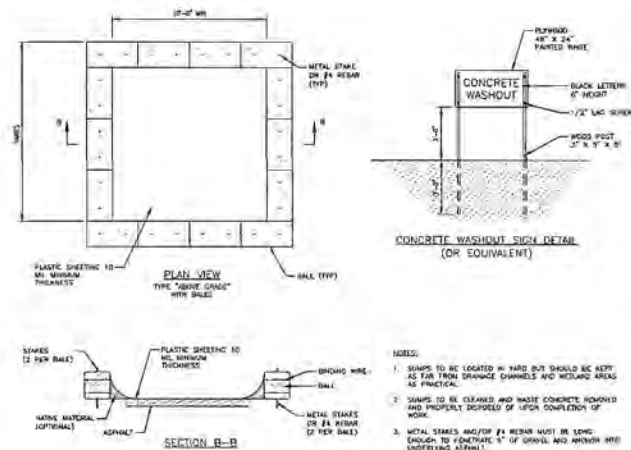
EROSION BLANKETS SLOPE INSTALLATION
NOT TO SCALE



NOTE: REFER TO TABLE FOR LENGTH, WIDTH, AND DEPTH OF R.P.-R.P.

OUTLET PIPE DIAMETER, D _o (IN)	MINIMUM APPROX WIDTH (FT)	MINIMUM APPROX LENGTH (FT)	DEPTH OF R.P.-R.P. (IN)
6	6	6	6
12	12	12	12
18	18	18	18
24	24	24	24
30	30	30	30
36	36	36	36
42	42	42	42

TYPICAL CULVERT ROCK OUTLET PROTECTION
NOT TO SCALE



CONCRETE WASHOUT (BERM TYPE)
NOT TO SCALE

REV	DATE	BY	DESCRIPTION
1	05/20/24	AS SHOWN	AS SHOWN

CLASSIFICATION: 240000
 PROJECT: 240000
 DRAWN: S. MELLOT
 CHECKED: C. HARVEY
 SCALE: AS SHOWN

PROJECT: EROSION CONTROL
 TOWN OF EDEN NEW YORK 11607
 SHEET: 24 OF 25

PROJECT: EROSION CONTROL
 TOWN OF EDEN NEW YORK 11607
 SHEET: 24 OF 25



1. AREA CHOSEN FOR STOCKPILING OREGONSHALE SHALL BE DRY, STABILIZED AND LOCATED AWAY FROM KNOWN WORK AREAS TO PREVENT REDUCATION.
2. MAXIMUM STOCKPILE HEIGHT SHALL BE 12 FEET.
3. EACH PILE SHALL BE SURROUNDED WITH SELF FENCING, OBTAINED PER SELF FENCE DETAIL. THIS SHALL BE ACCORDING TO STANDARD AND SPECIFICATIONS FOR TEMPORARY CONSTRUCTION AREA NEEDING WITHIN 7 DAYS OF COMPLETION.
4. A PERMITTEE SHALL/ORINALE SHALL BE LOCATED UP-SLOPE OF THE TOPSOIL STOCKPILE TO DIVERT STORMWATER AROUND THE STOCKPILE.

STABILIZED SOIL STOCKPILE
NOT TO SCALE

MEMO

COUNTY OF ERIE
DEPARTMENT OF ENVIRONMENT AND PLANNING
DIVISION OF PLANNING

Date: September 9, 2024
To: Mayors and Supervisors in the CDBG Consortium
From: Paul D'Orlando, Principal Contract Monitor
Environment and Planning Department
Subject: 2025-2026 CDBG Project Application Briefing

SEP 12 2024 PM 2:23

Date: Thursday, September 26, 2024
Time: 4:45 pm (preceding the Association of Erie County Governments Meeting)
Location: Curley's Grill, 647 Ridge Road, Lackawanna, NY 14218

SUPERVISORS/ MAYORS: Please attend this important meeting, particularly if you are new to the CD Program and process, or send a representative, if you are planning to apply for CDBG funding. We anticipate no increase in the level of funding for the 2025-2026 CDBG program year. Answers to questions and assistance regarding the **2025 Project Description Forms** and **Rating Criteria** will be addressed at this briefing.

HAVE YOU SCHEDULED YOUR CDBG PUBLIC HEARING?

Please notify your CD Monitor – Paul D'Orlando or Marie Thornton – of the date, time and location.

Attached are the following:

1. Sample Public Hearing Notice (Open Meetings are published 14 days in advance)
2. Timetable for CDBG Application 2025-2026
3. Map of communities with CD Monitor assignments
4. Suggested Authorizing Municipal Resolution prioritizing up to 3 projects
5. CDBG National Objectives and Eligible Activities. Funding is available for municipal income surveys by our consultant, LaBella Associates, DPC
6. 2024 Income Eligibility Schedule
7. 2024 Project Selection Committee
8. 2025-2026 Project Rating Criteria
9. 2025-2026 Project Application and Checklist
10. Census map displaying L/M income areas and Municipal Block Group Data
(If you need a more detailed (municipality) 2020 Census Block Group Map showing the areas/streets eligible for CDBG projects or have any questions, please contact your CD Monitor. (See Community Assignments Map and Block Group Data for each block group in the consortium.)

Attachments

SAMPLE
NOTICE OF PUBLIC HEARING

Notice to the Citizens of the
(City) (Town) (Village) of _____

A Public Hearing will be held on _____ (date) _____ at _____ (time) _____ in
_____ (location, room) _____ regarding the use of Federal Community
Development funds on the (City) (Town) (Village) of _____.

The (City) (Town) (Village) of _____
is eligible for a Federal Community Development Grant under Title I of the Housing and
Community Development Act of 1974, as amended.

The purpose of the Hearing is to provide an opportunity for citizens to express
community development and housing needs and to discuss possible projects which
would benefit low- and moderate-income persons in the (City) (Town) (Village) of _____.

Citizens are urged to attend this meeting to make known their views and/or written
proposals on the (City) (Town) (Village) of _____'s
selection of potential projects to be submitted for possible funding by the Federal
Community Development Grant Program.

The Hearing will also present a review of prior Community Development projects and
expenditures and a discussion of eligible activities. The meeting room is wheelchair
accessible. Those needing special arrangements should call the (City) (Town) (Village)
at _____ (phone #) _____ by (five (5) days before Public Hearing date) _____.

TIMETABLE FOR CDBG APPLICATION
51st GRANT YEAR: APRIL 1, 2025 - MARCH 31, 2026

PSC APPROVED
6/27/2024

<u>DATE</u>	<u>ACTIVITY</u>
May 26, 2024	- PSC to discuss scoring criteria. Bylaws, timetable, criteria and scoring, and citizen participation process.
June 27, 2024	- <u>Consortium Annual Meeting</u> to review 2023 Annual Performance Rpt., schedule, appointments & officers. (Hamburg)
July 2024	- PSC 1st quarter <u>Community Projects progress report mailed</u> . Projects <u>not</u> underway may be suspended and funds granted to "READY" projects.
Sept. 17, 18, 19, 2024	- DEP holds Citizen Forums for County wide public participation (Village of Depew, City of Lackawanna, Village of North Collins)
September 26, 2024	- CD Program Briefing for municipalities, 2025 CDBG Project Application Packet distributed (mailed to municipalities which could not attend) (Hamburg)
Sept. - Oct. 2024	- Communities hold annual CDBG Public Hearings – <u>Please advise Monitor of date/time</u> - Communities prepare Project Description Forms with technical assistance from CD Monitors. Staff will do a <u>courtesy review</u> of any draft application(s) submitted in advance!

November 4, 2024 - Deadline for submission of Project Description Forms to Erie County DEP

Nov 4 – Nov 8, 2024	- Project Description Forms reviewed by Planning staff for eligibility and scoring.
<u>November 12, 2024</u>	- <u>Final date for submitting additional project data to DEP (8 workday grace period ends)</u>
Week of November 18	- Tour of projects by staff and PSC Review Subcommittees. (PSC A, B & C)
Dec 5 & Dec 12, 2024	- PSC rates projects, reviews DEP proposed admin. and planning and program delivery costs. Final project ranking reviewed and approved for transmittal to full Consortium. (Orchard Park)
Week of Dec 16, 2024	- Communities notified of results of project competition and DEP prepares Action Plan/ Grant Application and tentative Budget. PSC reviews 3rd quarter progress.
Wk. of Dec 30, 2024	- Coordinating Committee review of 2025 Action Plan (1004 Rath Bldg.).
Wks. of Jan. 1 -5, 2025	- Public hearings on Grant Application and 2025 Action Plan (Lackawanna, Hamburg, TBD) Written Comments DEADLINE: 2/08/25.
February 14, 2025	- 2025 Action Plan/Grant Application submitted to HUD (1 st yr. of 5-Yr. Consolidated Plan).
April 1, 2025	- Start of 2025 Program Year - Project starts must await clearing Environmental Review by DEP and contract execution by HUD and County (during May 2025).
April-May, 2025	- DEP determines CD Program activities progress and expenditures, prepares draft 2024 Consolidated Annual Performance Report (CAPER).
Week of June 2, 2025	- DEP holds public hearing on draft 2024 Consolidated Annual Performance Report.
June 20, 2025	- File 2024 Consolidated Annual Performance Report (progress on all activities) with HUD. DEP determines need for Mid-Year Amendment: Suspend delayed projects; fund unprogramed projects.

CDBG MONITOR ASSIGNED COMMUNITIES

For 2025-2026 Application Assistance

CDBG Monitored Communities



Paul D'Orlando (858-2194)

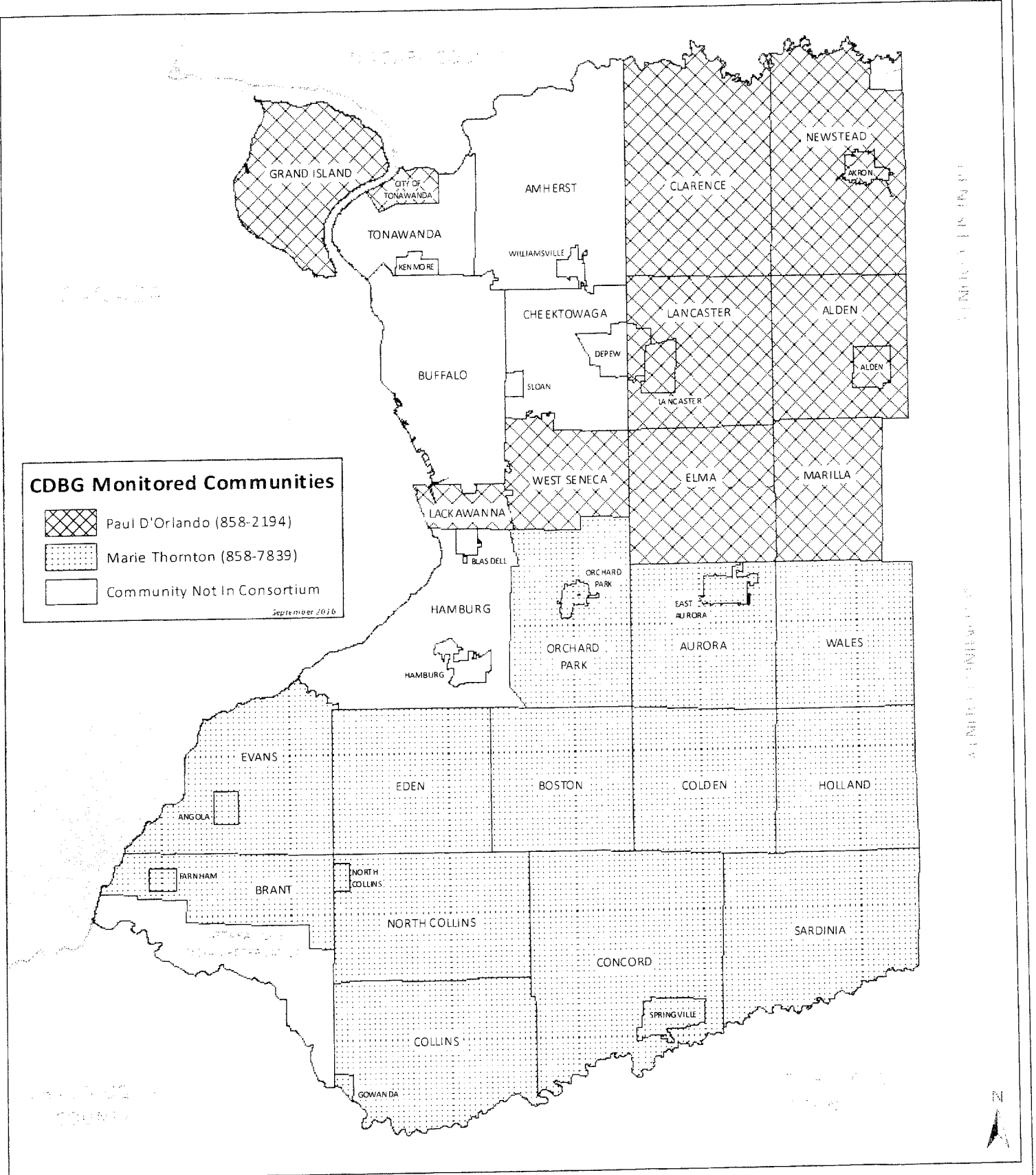


Marie Thornton (858-7839)



Community Not in Consortium

September 2016



0 2.5 5 10 Miles



**SUGGESTED RESOLUTION
AUTHORIZING RESOLUTION**

At a meeting of the _____
(Name of Municipality)

Board/Council held on _____, the Board/Council
(Date)

authorized _____, _____
(Name) (Title)

to sign, submit and execute a contract with Erie County Community Development Block Grant (ECCDBG) program for the following project(s) upon approval of ECCDBG:

1. _____
2. _____
3. _____

Town/City/ Village/ Clerk

Notary

Please attach a copy of Public Hearing Notice

National Objectives

of the Community Development Block Grant Program

In order to be eligible for funding every CDBG-funded activity must qualify as meeting one of the three national objectives established by law for the program. This requires that each activity meet specific tests for either:

- **PRIMARILY BENEFITTING LOW AND MODERATE (L/M) PERSONS; or**
 - **AIDING IN THE PREVENTION OR ELIMINATION OF SLUMS OR BLIGHT; or**
 - **MEETING OTHER COMMUNITY DEVELOPMENT NEEDS HAVING A PARTICULAR URGENCY – BECAUSE EXISTING CONDITIONS POSE A SERIOUS AND IMMEDIATE THREAT TO THE HEALTH OR WELFARE AND OTHER FINANCIAL RESOURCES ARE NOT AVAILABLE TO MEET SUCH NEEDS**
-

Income Guidelines for low and moderate are included with these criteria.

See Chapter 2 – National Objectives in the *“Guide to CDBG Eligible Activities”* for more details. Eligible activities are covered in Chapter 1.

Criteria

1. Activities considered **BENEFITTING LOW AND MODERATE (L/M) INCOME RESIDENTS** are divided into four categories:
 - Area Benefit Activities
 - Limited Clientele Activities
 - Housing Activities
 - Job Creation or Retention Activities

AREA BENEFIT ACTIVITY...

...is an activity which meets the identified needs of l/m income persons residing in an area where at least **40.34%** of the residents are l/m income persons. The benefits of this type of activity are available to all persons in the area regardless of income. Such an area need not be coterminous with census tracts.

Examples of these eligible activities include:

street improvements;
water and sewer lines;
neighborhood facilities;
and façade improvements in neighborhood and commercial districts.

LIMITED CLIENTELE ACTIVITY...

...is an activity which benefits a specific group of people (rather than all the residents in a particular area) at least 51% of whom are l/m persons. To qualify under this category, the activity must meet one of the following tests. It must benefit clientele who are presumed to be principally l/m persons. The following groups are presumed by HUD to meet this criterion:

abused children;
battered spouses;
elderly persons (age 62+);
handicapped adults;
homeless persons;
illiterate persons;
and migrant farm workers.

Examples of limited clientele activities include:

- removal of architectural barriers;
- construction of a senior center;
- programs/services for special needs populations.

A COMMUNITY-INITIATED HOUSING ACTIVITY...

...will be limited to new construction or acquisition and/or rehabilitation of a building for permanent housing. Since the County operates the consortium-wide housing rehabilitation loan program, only community-based and initiated programs seeking match funding will be considered. These programs will have to benefit l/m persons.

Examples of eligible housing activities are:

- New housing construction, and;
- acquisition of property or conversion of buildings for permanent housing.
- In addition, communities may apply for additional housing rehabilitation allocations to be designated to their respective municipalities, which would be in addition to the 27% of the grant allocated for housing.

A L/M JOBS ACTIVITY is one which...

...creates or retains permanent jobs. At least 51% of which are either taken by l/m persons or considered to be available to l/m persons.

Examples of eligible activities include:

- Investment funds;
- Industrial expansion of loan funds;
- Business development loan funds and;
- Industrial park development.

2. Activities addressing **SLUMS OR BLIGHT**

A. To qualify under the national objective of slums or blight on an **AREA BASIS** an activity must meet all of the following criteria:

- The area must be designated by the grantee and must meet a definition of slum, blighted and deteriorated or deteriorating area under state or local law. This can be done by the municipality designating the area by local resolution that defines why the area is being declared a slum or blighted area.
- There must be a substantial number of deteriorated or deteriorating buildings or public improvements throughout the area to qualify the area. Documentation must be maintained by the grantee on the boundaries of the area and condition which qualified the area at the time of the designation.
- As a general rule, the area is greater than 3 acres in size and there is visual evidence that the blighting conditions are or soon may extend to adjacent areas.
- The activity must address one or more of the conditions which contribute to the deterioration of the area.

Examples of eligible activities include:

- assistance to commercial or industrial businesses;
- and public facilities improvements.

B. Elimination of slums or blight on a **SPOT BASIS**:

- The activity must be designated to eliminate specific conditions of blight or physical decay on a spot basis not located in a slum or blight area.

- The activity must be limited to: acquisition; clearance; relocation; historic preservation (provided an eligible use applies); and rehabilitation of buildings.
- The slum/blight conditions are limited to **3 or fewer acres**. In most cases, however, the conditions exist due to one structure.
- Where a vacant structure(s) is the primary cause of the slum/blighted condition, its vacancy has been present for more than three months.
- There is no immediate visual evidence that the blighted conditions are or soon may extend to adjacent areas.

Examples of eligible activities are:

- Elimination of faulty wiring, falling plaster or similar conditions which are detrimental;
- Historic preservation of a public facility; and
- Demolition of a vacant, deteriorated, abandoned building.

As with neighborhoods having area wide blight/slum conditions, a municipality is required to provide and document certain conditions which describe the situation. These include:

- The passage of a local law or resolution designating the area as having spot blight/slum characteristics.
- Documentation defining the area boundaries and a description of the slum/blight conditions. This may include structural reports, vacancy records, etc.

3. Activities considered **URGENT NEEDS***

- To comply with the national objective of meeting community development having particular urgency, must be designated to alleviate existing conditions which:
 - Pose a serious and immediate threat to the health of the community;
 - Are of recent origin or recently became urgent;
 - The grantee is unable to finance on its own; and
 - Other sources of funds are not available;
 - The condition will generally be considered to be of recent origin if it developed within the previous 18 months.

Examples of eligible projects are:

Activities as a result of major catastrophes or emergencies such as flood and earthquakes and replacement of collapsed water lines.

*Projects eligible for meeting another national objective cannot be qualified as "Urgent Need"

----- Erie County Community Development Block Grant Consortium-----

*CDBG/MRLI-September 27, 2002 – MAA updated September 9, 2003

*includes addition of substance of July 23, 197 Slums/Blight Criteria memo from Tom Dearing to the PSC

"national objectives" (pub file)

Erie County Consortium
Eligible Activities
Under the Housing and Community Development Act of 1977

Community Development Block Grant Funds may be used to meet community development and housing need and priorities...

principally for low and moderate income persons and/or
the prevention of slums and blight

Keeping in mind these overall eligibility criteria, the following is a list of some of the eligible activities which may be funded by Community Development monies in your community: (the location of such projects are in the area served must contain a "majority" (or at least the exception criteria threshold of 41.9% per 2000 census or HUD/DEP approved local survey) of low and moderate income persons (not households) or benefit said group (presumed to be low and moderate income by HUD e.g. seniors, handicapped, domestic violence victims, homeless):

1. Land Acquisition and Disposition
2. Public Facilities and Improvements
 - Parks and Recreation
 - Centers for Elderly and Handicapped
 - Solid Waste Disposal Facilities
 - Parking Facilities
 - Public Utilities
 - Street Improvements
 - Water and Sewer Facilities
 - Pedestrian Malls and Walkways
 - Flood and Drainage Facilities
 - Historic Preservation
3. Demolition and Clearance
4. Public Services (new or expanded)
5. Interim Assistance – to correct harmful conditions
6. Non-federal Share
7. Urban Renewal Completion

8. Relocation Costs
9. Removal of Architectural Barriers
10. Rehabilitation and Preservation Activities
11. Economic Development Activities
12. Neighborhood Revitalization and/or Economic Development Activities carried out by private non-profit entities
13. Planning, Design and Environmental Studies and Programs including Comprehensive Planning

ATTACHMENT

INCOME ELIGIBILITY SCHEDULE ERIE COUNTY COMMUNITY DEVELOPMENT PROGRAM

No. of Persons	<i>(Extremely Low Income)</i>	CDBG LOW INCOME <i>(Very Low Income)</i>	CDBG MODERATE INCOME <i>(Low Income)</i>
	30% of Erie County Median	50% of Erie County Median	80% of Erie County Median
1	\$ 20,370	\$ 33,950	\$ 54,320
2	23,280	38,800	62,080
3	26,190	43,650	69,840
4	29,070	48,450	77,520
5	31,410	52,350	83,760
6	33,750	56,250	90,000
7	33,060	60,100	96,160
8 or more	38,400	64,000	102,400

Effective: May 1, 2024

2024 Project Selection Committee

The appointments as Consortium Representatives to the Project Selection Committee are:

- | | |
|--|-------------------------|
| 1. Dawn D. Izydorczak
Supervisor, Town of Newstead | At-Large Representative |
| 2. Kevin Peterson
Mayor, Village of Depew | At-Large Representative |
| 3. Gary A. Dickson
Supervisor, Town of West Seneca | Entitlement Community |
| 4. John White
Mayor, City of Tonawanda | City Representative |
| 5. Annette Iafallo
Mayor, City of Lackawanna | City Representative |
| 6. Jo Ann Litwin Clinton
Mayor, Village of Orchard Park | Small Villages |
| 7. John Tobia
Supervisor, Town of North Collins | At-Large Representative |
| 8. Ken Martin
Supervisor, Town of Collins | At-Large Representative |
| 9. Jason A. Keding
Supervisor, Town of Boston | At-Large Representative |
| 10. Geoffrey, Hack
Supervisor, Town of Holland | At-Large Representative |

The three (3) County Representatives to the Project Selection Committee are:

- | | |
|--|--|
| 1. Thomas E. Baines, Esq.
Deputy Commissioner | Department of Environment and Planning |
| 2. Paul J. D'Orlando
Principal Contract Monitor | Department of Environment and Planning |
| 3. Vicki Haas
Industrial Assistance Specialist | Department of Environment and Planning |

**ERIE COUNTY COMMUNITY DEVELOPMENT PROGRAM
2025-2026 PROJECT RATING CRITERIA**

Approved by
PSC: 6/27/2024

	<u>2025 Pts.</u>	<u>MAX.Pts.</u>
Rated by Staff: 1-8		26
1. <u>National Objectives</u>		4
• Aids in elimination of slums or blight - <u>area wide</u> (certified w/in the past <u>(10 Ten)</u> years.	4	
• Aids in elimination of slums or blight - <u>spot</u> (<u>≤ 3 acres</u>) (certified w/in the past <u>three (3)</u> years	4	
2. <u>Serves More than One Municipality</u>		2
• 3 or more municipalities	2	
• 2 municipalities	1	
3. <u>L/M Income Target Area or Population</u>		5
a) <u>Non-Planning Projects</u>		
- Project solely benefits a census block group w/ 12% or more persons below poverty level	4	
- Project serves an area comprised of several blk. grps., 1 or more of which have 12% or more persons below poverty level	1	
- 65% or more of target area is L/M by census/income survey	3	
- Handicapped or Senior Citizens	2	
- 51% or more of target area is L/M by census/income survey	2	
*** - 46.10% or more of target area is L/M by census	1	
b) <u>Planning Projects Only</u>		5
- 40% or more of study <u>area</u> within L/M block group(s)/survey area		4
- 10-39% of study <u>area</u> within L/M block group(s)/survey area	3	
- 1-9% of study <u>area</u> within eligible block group(s)/survey area.	2	
Study area contains a block group with 12% or more persons below the poverty level (2024 census).	1	
NOTE: Planning project must include a "CD element" (i.e. focus on housing, community project and/or economic development activities).		

*** Official 2020 Census Upper Quartile Low/Mod. Income Percentage

- | | | |
|--|---|---|
| 4. <u>Project Implementation Performance</u> | | 2 |
| • Community expended 100% of CD project funds through 2023 | 2 | |
| • Communities expended 100% of CD project funds through 2022 | 1 | |

@Expended means County has received request(s) for full payment from the sponsoring community. Unexpended "joint project" funds will result in 2 or 1 point(s) loss to the lead and supporting municipalities respectively.

- | | | |
|---|---|---|
| 5. <u>Previous Projects Funded</u> | | 5 |
| • Municipality has not received funding for a single or a joint* project during the last <u>three</u> program years (2022, 2023, 2024) | 5 | |
| • Municipality has not received funding for a single or a joint* project during the last <u>two</u> program years (2023, 2024) | 4 | |
| • Municipality has received less than \$45,000 in <u>total</u> funding for a single project(s) during 2023 and/or 2024 program years | 2 | |
| • Municipality received <u>no</u> funding for projects(s) during the last two program years, only joint* project | 1 | |

Rural Transit Service is not considered a "joint" community project

- | | | |
|--|---|---|
| 6. <u>Community Ranking of Project</u> | | 3 |
| • First | 3 | |
| • Second | 1 | |

- | | | |
|---|---|---|
| 7. <u>Other Funding Provided (Cash or In-kind - in contract year) *</u> | | 3 |
| • Other funding equal to or greater than 50% of total project cost | 3 | |
| • Other funding equal to or greater than 25% of total project cost | 2 | |
| • <u>Cash</u> contribution of 5% or more of total project cost | 1 | |

* Local match may include money spent on physical improvements within past 3 years; planning/engineering/acquisition activities within past 5 years, if they are specifically related to the CD project proposal.

WARNING: Projects not meeting final match commitment may have grant amount reduced.

- | | | |
|--|---|---|
| 8. <u>Quality of Application Information</u> | | 2 |
| • Project description form was complete, timely and accurate (no additional information was required). | 2 | |
| • Project description form was incomplete and additional information was provided within the <u>8 work-day</u> grace period (11/12/24). ** | 1 | |
| • After the grace period, project description form was still incomplete (i.e. entire sections not filled out, inaccurate information, vague.... lacking adequate documentation), and requested information was not received. | 0 | |

Rated by Project Selection Committee (PSC): 9-11		17
9. <u>Project Need</u>		8
• Justification of need and assessment well documented	6-8	
• Moderate need for project	3-5	
• Unclear or undocumented	0-2	
10. <u>Project Readiness</u>		4
Has provided sufficient documentation (e.g. ownership, cost estimate, schedule, scope of services), to show that project can be completed.		
• High degree of readiness	4	
• Moderate degree of readiness	2	
11. <u>Other Factors</u>		5
(not covered by the above criteria) e.g. over-priced, under-funded, does not appear to be the best solution for problem, clearly inconsistent with local, county or consolidated plans. (Scoring starts at "5" and loses 1-5 points for the above, or any other factors, as noted on page 5 of the Rating Form)		5-0
<u>Total Points:</u>		43

** Notice of incomplete application will go to the municipality (supervisor/mayor or contact person listed on application) via telephone call or fax from the CD monitor.

**ERIE COUNTY COMMUNITY DEVELOPMENT PROGRAM
2025-2026 PROJECT DESCRIPTION FORM**

(Complete one application form for each project)

Submit original and five (5) copies (include all attachments with copies)

Use page size 8 ½ x 11 ONLY

Please use space provided on the form. Limit attachments but use additional pages if needed. Photos are encouraged; follow-up site visits may be done by Project Selection Subcommittees.

PROJECT TITLE: _____

APPLICANT(S):

Municipality(s): _____

Number of applicants, i.e. municipalities to be served: _____
(For each applicant/municipality)

Authorized Official, Title:

Signature:

Date:

Municipality(s) Ranking of this Project:

1st _____

2nd _____

3rd _____

CDBG GRANT FUNDS REQUESTED (\$150,000-max. grant.): \$ _____

Total cost of project: \$ _____

PROJECT CONTACT

PERSON: _____ **Phone:** _____

TITLE: _____ **Usually can be reached at (times):** _____

ADDRESS: _____

SUBMISSION DEADLINE: MONDAY, NOVEMBER 4, 2024

For definitions of low and moderate (L/M) income persons, see “National Objectives” Handout.
Check up to two boxes in each column.

NOTE: These Categories require additional documentation. Refer to CD Program Manual: "Guide to CDBG Eligible Activity" (Chapter 2) and contact your CD Monitor for additional assistance, if needed.

TYPE OF PROJECT (check only one):

A. ☐ Public Facility or Improvement (i.e. acquisition, construction, rehabilitation activities)

☐ Removal of Architectural Barriers

☐ Property Acquisition Disposition, or Clearance

B. ☐ Public Service - includes services as well as operating/ maintenance costs of facilities
(Attach documentation of past and anticipated level of service to be provided)

☐ Planning and Capacity Building Activity

C. ☐ New Housing Construction

☐ Historic Preservation

☐ Commercial or Industrial Rehabilitation

☐ Special Economic Development - Community Initiated Program

☐ Other: _____

PROJECT SERVICE AREA AND LOCATION:

Project involves service to:

☐ Entire municipality(ies) ☐ Target Area

☐ Limited Clientele

Describe target area boundaries and attach map.

☐ Poverty Block Group
(12%+)

The following areas will be served:

Municipality(ies)	Census Tract(s) or Describe Limited Clientele or Target Area	Block Group(s)	Percent Low/Mod
_____	_____	_____	_____ %
_____	_____	_____	_____ %
_____	_____	_____	_____ %
_____	_____	_____	_____ %

For area wide benefit projects qualifying with the use of an income survey the municipality has attached an addendum to the application documenting that only the clientele surveyed will be the predominate beneficiaries of the proposed improvements. Such documentation should describe the project in terms of the following:

- Nature – The size, equipment (e.g. sewer pipe)
- Location – Is the project located in center of the targeted neighborhood? Or on periphery?
- Accessibility Issues – For example are fees charged? Is it accessible to public transit?
- Availability of Comparable Activities – Provide, if appropriate, an inventory of comparable facilities.

*Limited Clientele

Target Population

Currently Served

Maximum Potentially Served*

*- Seniors defined as age 62 and over

(Source: Survey or Census)

- Handicapped assumed to be 17% of population, or from 2020 Census Summary File 3(SF3)

STATEMENT OF NEEDS:

Briefly describe the nature and extent of the problem or concern that this project will correct or address.

This description should be related to Community Development and Housing needs or problems (particularly those of low/moderate income persons, minorities, female headed households, elderly, handicapped). Examples include: blighted or deteriorated housing that needs improvement, or lack of adequate drainage has caused property loss and/or discouraged local investment in the neighborhood.

This description should be related to Community Development and Housing needs or problems. Include the following type(s) of information (as applicable) geographic extent/location of problem, number of persons/families affected, frequency and/or duration of problem, and evidence of the severity and seriousness of problem. If the project is to correct a health hazard, please explain the situation.

Project must clearly show how it will serve the needs of low- and moderate-income residents of the area to be served by the project and relate to national CDBG objectives.

For planning projects, the narrative should include a description of the problem being addressed in the proposed plan. Particular emphasis should be placed on how the needs of low/moderate income residents will be approached and incorporated into the study scope.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

ANTICIPATED RESULTS AND BENEFITS:

Describe the anticipated direct results/benefits of the proposed project. Indicate how the project will eliminate or mitigate the problem described in the "Statement of Needs" above.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page.

PROJECT DESCRIPTION:

- A. Provide a description of the project. Be specific. (Example: if housing related, provide number of units; for capital projects, provide linear or square footage for work to be done) For planning projects, provide a scope of work describing major elements of the plan.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

A. Project Description (Cont'd)

B. Does project involve specific site(s)? _____ Yes _____ No

Sites will be selected within target area: _____

Identified site(s) involved: _____

Attach map(s) that clearly show location(s) and photos (optional)

Describe the exact location(s) acreage involved below:

C. Does project involve any construction activity? _____ Yes _____ No

If so, are engineering drawings, site plan(s)
and/or building plans available?

_____ Yes _____ No

To be available from: _____
_____ (If available, attach copies to document readiness.)

Phone: _____ Date: _____

If project involves an existing building(s), indicate date of construction: _____

D. Does the project involve the lease, acquisition or condemnation of any land or easements?
_____ Yes _____ No

If yes, please attach a map of parcel(s) and list SBL number(s) from tax maps.

SBL# _____

Also, attach evidence of control (lease, option agreement, written commitment to donate, sell, etc.);
explain:

E. Does the project involve, or will it cause the relocation or displacement of any families, individuals, businesses or associations?

_____ Yes _____ No

If yes, attach names and addresses of those affected and type of land use (i.e. residence, business).

F. Will implementation of the project depend on the completion of any other projects?

_____ Yes _____ No

If so, state project and give timetable for completion of that project below:

COMMUNITY PLANS AND GOALS, PLANNING CONSIDERATIONS:

Does this project comply with community long-term plans and goals? _____ Yes _____ No

Consortium Consolidated Plan? _____ Yes _____ No

Explain:

Is this project consistent with Framework for Regional Growth – Policy Area in which it is located?

(See Development Policy Areas Map attached)

_____ Yes _____ No

If no, explain:

_____ Not Applicable

Is this project compatible with your municipality's Master Plan?

_____ Yes _____ No

If no, explain:

_____ Not Applicable

Project site(s) zoned: _____

Will rezoning be required? If yes, explain:

_____ Yes _____ No

_____ Not Applicable

OTHER APPROVALS AND PERMITS:

Will other local, county, state or federal funding, approvals or permits be required to implement this project?

_____ Yes _____ No

A. Approvals required for project implementation (list):

B. Permits required for project implementation (list):

C. Will this project involve:

___ Floodplains / Wetlands (use, disposal, conversion, purchase, etc.)

___ Water district extension/site water service

___ Sewer District extension/septic system

___ Agricultural District (any excavation and/or conversion or new development in or adjacent to)

___ Food Service, nutritional programs

___ Construction in a State or County Right-of-Way

___ Designated Historic site/district or landmark on or near project site(list): _____

___ Local Referendum/Bond issue, etc.

___ Relocation or displacement of people or families.

___ Hazardous facility or waste site

TIME FRAMES: Assuming earliest possible starting date of 4/1/2025

Project to begin: _____ (date) To be completed _____ (date)

_____ Number of months to complete. You may attach a detailed schedule.

BUDGET: 2025-2026

Please provide a breakdown of all activities with estimated costs and timetable for completion of proposed project.

(Please document source(s) of this information)

	Total Cost	Local Share Required	Amount of CD Funds Required	Months Estimated to Complete	Tentative Completion Date M/Y
Planning					
Engineering					
In House					
Contract**					
Consultant** (specify type if Non-engineering)					
Site/Building Acquisition					
Site/Building Relocation					
Construction					
Contractor					
Own Labor					
Materials					
Facility Leases					
Operations					
Salary/Fringes					
Equipment					
Other – Specify Type					
TOTAL					

Total Project Cost: \$ _____

Local Project Funds: \$ _____

CDBG Funds Requested: \$ _____

Non-CDBG Secured Funding: \$ _____ \$ _____

*Source _____

Other Needed Funding: \$ _____ \$ _____

*Source _____

***Provide Documentation (letter, budget line, etc.) if over 5% of Total cost**

****Requires RFP if CDBG funds are used.** Engineers on retainer are acceptable IF HUD procurement policies were followed in selection process. This item may include CD eligible audit costs (accounting, consultant) required by Federal regulations for grantees and sub-grantees receiving \$300,000 or more in total Federal financial assistance in a year

*****May include prior expenditures for Acquisition and Design: (4/17 – 11/24) and Construction (4/19-11/24)**

(PAGE MUST BE COMPLETELY FILLED OUT FOR YOUR APPLICATION TO BE ACCEPTED)

CHECKLIST OF ATTACHMENTS

REQUIRED:

1. LEGAL NOTICE OF PUBLIC HEARING:

- ☐ The **notice must be published at least ten days prior** to the date of the hearing, in a local official paper. Please provide a copy and submit an affidavit of publication as soon as available.

2. SUMMARY (or extract of Meeting Minutes) OF PUBLIC HEARING:

- ☐ This is needed to document public opportunity was provided to comment. Projects submitted need not be proposed by the public, public proposals need not be acted upon (and often are not eligible), and the absence of any public comment does not void meeting the requirement for a public hearing.

3. LOCAL RESOLUTION(S):

- ☐ Provide a **certified** copy of your resolution, on municipal letterhead, **authorizing** the Supervisor/Mayor to **1) sign and submit an application** for stated specific project(s), and **2) authorizing** the Supervisor/Mayor **to execute the contract** with the County of Erie for such project(s)*. Also show desired rank of projects within the resolution. If fewer proposals than authorized are submitted, the rank of those submitted will automatically be adjusted upward.

* **Preferably for a stated dollar amount of grant sought**

4. INCOME SURVEY (if applicable):

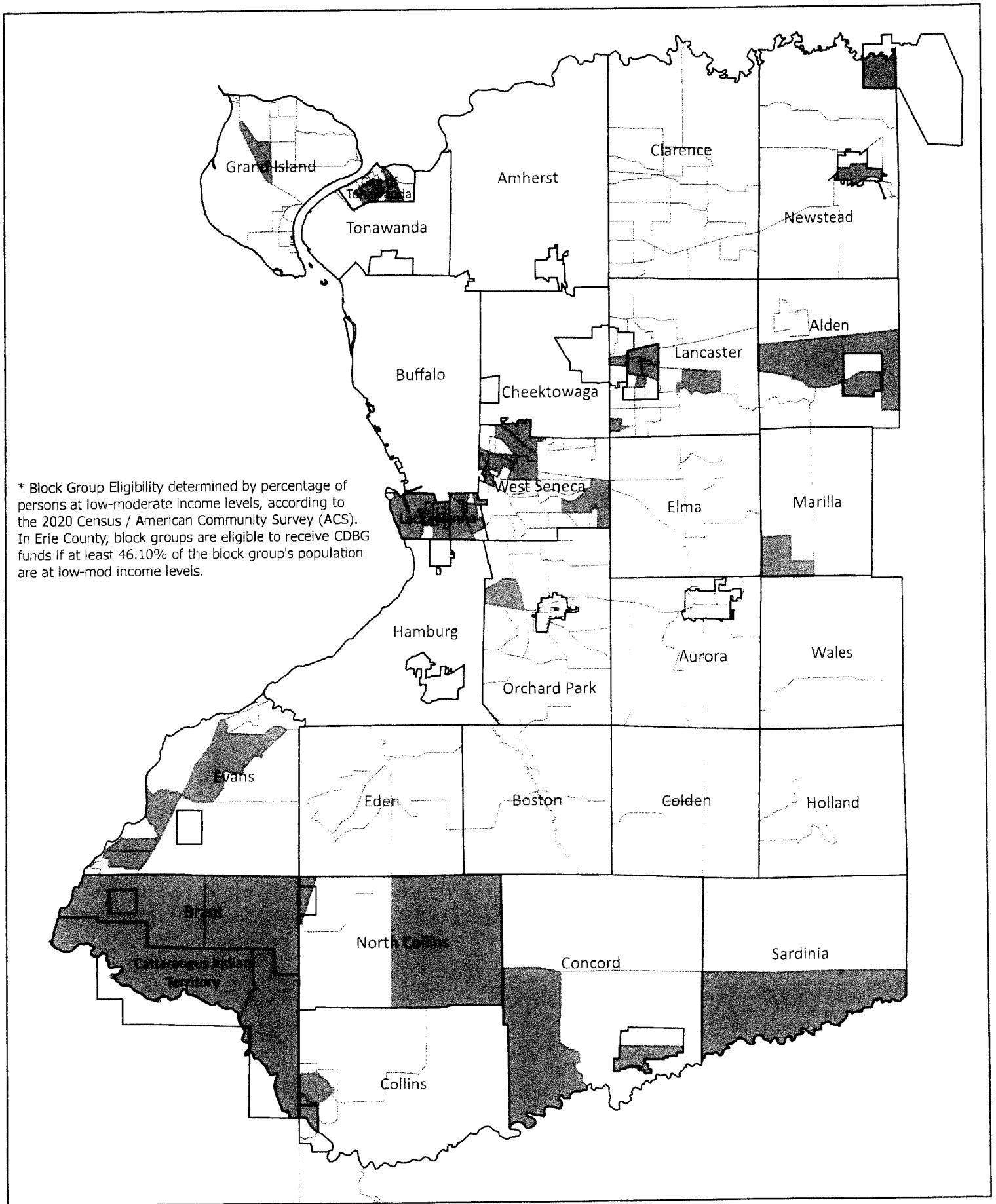
- ☐ Summary sheet from Household Survey must be provided. Income surveys are valid for 10 yrs. from date of completion (2013). The survey must be valid for at least a part of the upcoming CD program year.

5. DOCUMENTATION OF OTHER FUNDING:

- ☐ Required if matching funds exceed 5% of total project. Proposed municipal budget lines should be identified, accompanied by a letter or resolution from the municipality, and/or award letter from funding source.

OPTIONAL: *(All items are highly desired; some may be required upon selection for funding)*

- ☐ **6. PHOTOGRAPHS:** All reviewers may not necessarily attend the site tours.
- ☐ **7. PERMITS/APPROVALS:** From State, County and municipal agencies.
- ☐ **8. OPTION TO BUY/CONTRACT OF SALE/EASEMENTS/LEASES FOR LAND/BUILDING USE:** For land /building to be acquired or leased long-term (5+ yrs.).
- ☐ **9. LOCAL REFERENDUM:** Results and date, if a referendum is required.
- ☐ **10. DETAILED COST ESTIMATES / INFORMAL BIDS**
- ☐ **11. ENGINEERING PLANS, WORK WRITE-UP**
- ☐ **12. LETTERS OF VOLUNTEER COMMITMENT/ PUBLIC SUPPORT**



**NEW CENSUS BLOCK GROUP DATA
EFFECTIVE APRIL 1, 2020**

**CENSUS GROUPS MUST HAVE A
LOW INCOME PERCENTAGE OF AT LEAST 40.61%
TO BE ELIGIBLE FOR CDBG FUNDING**

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
Akron (village)	014801	2	860	1,620	53.10%
Akron (village)	014801	1	285	790	36.10%
Total			1,145	2,410	47.51%
Alden (town)	014903	4	760	1,645	46.20%
Alden (town)	014903	5	490	1,505	32.60%
Alden (town)	014903	1	190	945	20.10%
Alden (town)	014903	3	85	1,155	7.40%
Alden (town)	014903	2	20	620	3.20%
Alden (town)	980400	1	0	0	0.00%
Total			1,545	5,870	26.32%
Alden (village)	014901	2	495	1,050	47.10%
Alden (village)	014901	1	320	1,500	21.30%
Total			815	2,550	31.96%
Angola (village)	015501	1	1,120	2,765	40.50%
Total			1,120	2,765	40.51%
Aurora (town)	013802	3	235	655	35.90%
Aurora (town)	013802	4	280	980	28.60%
Aurora (town)	013802	2	135	820	16.50%
Aurora (town)	014000	1	260	1,580	16.50%
Aurora (town)	013801	2	255	1,610	15.80%
Aurora (town)	013802	5	185	1,295	14.30%
Aurora (town)	013802	1	220	1,645	13.40%
Aurora (town)	013801	1	75	570	13.20%
Total			1,645	9,155	17.97%
Boston (town)	015201	1	490	1,190	41.20%
Boston (town)	015201	2	740	2,190	33.80%
Boston (town)	015202	2	490	1,450	33.80%
Boston (town)	015202	3	560	1,935	28.90%
Boston (town)	015202	1	300	1,270	23.60%
Total			2,580	8,035	32.11%
Brant (town)	015600	1	650	1,115	58.30%
Brant (town)	015600	2	420	895	46.90%
Total			1,070	2,010	53.23%
Cattaraugus Indian Reservation	940000	2	720	920	78.30%
Cattaraugus Indian Reservation	940000	1	605	1,100	55.00%
Total			1,325	2,020	65.59%

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
City of Lackawanna	017400	1	1,560	1,845	84.60%
City of Lackawanna	012501	1	695	840	82.70%
City of Lackawanna	012300	3	570	700	81.40%
City of Lackawanna	012400	2	1,030	1,270	81.10%
City of Lackawanna	017400	4	165	215	76.70%
City of Lackawanna	017400	3	1,070	1,405	76.20%
City of Lackawanna	012300	4	845	1,160	72.80%
City of Lackawanna	012300	1	445	620	71.80%
City of Lackawanna	012502	1	725	1,030	70.40%
City of Lackawanna	012400	1	315	455	69.20%
City of Lackawanna	012501	3	1,040	1,595	65.20%
City of Lackawanna	016200	1	765	1,195	64.00%
City of Lackawanna	016200	2	565	930	60.80%
City of Lackawanna	012300	2	520	885	58.80%
City of Lackawanna	012501	5	300	510	58.80%
City of Lackawanna	012501	4	320	740	43.20%
City of Lackawanna	012501	2	190	450	42.20%
City of Lackawanna	012502	2	280	815	34.40%
City of Lackawanna	017400	2	250	850	29.40%
Total			11,650	17,510	66.53%
City of Tonawanda	007600	1	530	730	72.60%
City of Tonawanda	017200	2	245	385	63.60%
City of Tonawanda	007700	4	340	565	60.20%
City of Tonawanda	007800	2	1,260	2,115	59.60%
City of Tonawanda	017200	3	420	750	56.00%
City of Tonawanda	007700	2	475	925	51.40%
City of Tonawanda	007600	2	625	1,270	49.20%
City of Tonawanda	007800	3	615	1,290	47.70%
City of Tonawanda	017200	1	450	990	45.50%
City of Tonawanda	007700	1	475	1,130	42.00%
City of Tonawanda	007700	3	400	1,010	39.60%
City of Tonawanda	007700	5	290	775	37.40%
City of Tonawanda	007800	1	250	670	37.30%
City of Tonawanda	007600	3	310	835	37.10%
City of Tonawanda	007800	4	375	1,320	28.40%
Total			7,060	14,760	47.83%
Clarence (town)	014704	2	390	975	40.00%
Clarence (town)	014605	2	330	840	39.30%
Clarence (town)	014601	1	320	960	33.30%
Clarence (town)	014704	3	445	1,685	26.40%

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
Clarence (town)	014601	3	155	675	23.00%
Clarence (town)	014701	3	330	1,580	20.90%
Clarence (town)	014603	1	545	2,855	19.10%
Clarence (town)	014605	1	480	2,920	16.40%
Clarence (town)	014701	4	185	1,190	15.50%
Clarence (town)	014701	1	180	1,235	14.60%
Clarence (town)	014601	2	370	2,615	14.10%
Clarence (town)	014704	1	145	1,040	13.90%
Clarence (town)	014601	4	170	1,270	13.40%
Clarence (town)	014603	2	115	865	13.30%
Clarence (town)	014606	2	190	1,655	11.50%
Clarence (town)	014703	2	50	915	5.50%
Clarence (town)	014606	1	120	2,535	4.70%
Clarence (town)	014603	3	30	735	4.10%
Clarence (town)	014701	2	35	1,635	2.10%
Clarence (town)	014703	3	15	1,975	0.80%
Clarence (town)	014703	1	0	2,125	0.00%
Total			4,600	32,280	14.25%
Colden (town)	015101	2	170	650	26.20%
Colden (town)	015101	3	155	675	23.00%
Colden (town)	015101	1	425	1,990	21.40%
Total			750	3,315	22.62%
Collins (town)	980300	1	60	60	100.00%
Collins (town)	017501	1	170	425	40.00%
Collins (town)	017502	2	435	1,180	36.90%
Collins (town)	017502	1	300	870	34.50%
Total			965	2,535	38.07%
Concord (town)	015800	2	150	300	50.00%
Concord (town)	015800	1	805	1,880	42.80%
Concord (town)	015800	3	675	1,990	33.90%
Total			1,630	4,170	39.09%
Depew (village)	014502	1	580	790	73.40%
Depew (village)	014501	2	675	1,800	37.50%
Depew (village)	014502	2	500	1,390	36.00%
Depew (village)	014501	1	650	1,905	34.10%
Total			2,405	5,885	40.87%
East Aurora (village)	014000	2	335	1,735	19.30%
East Aurora (village)	013900	1	435	2,315	18.80%

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
Total			770	4,050	19.01%
Eden (town)	015302	2	490	1,090	45.00%
Eden (town)	015302	1	370	920	40.20%
Eden (town)	015302	3	370	960	38.50%
Eden (town)	015301	1	310	1,130	27.40%
Eden (town)	015301	2	375	1,430	26.20%
Eden (town)	015301	3	390	1,965	19.80%
Total			2,305	7,495	30.75%
Elma (town)	014102	3	515	1,325	38.90%
Elma (town)	014101	3	1,075	2,940	36.60%
Elma (town)	014102	1	600	1,860	32.30%
Elma (town)	014101	1	430	1,495	28.80%
Elma (town)	014102	2	460	2,250	20.40%
Elma (town)	014101	2	350	1,865	18.80%
Total			3,430	11,735	29.23%
Evans (town)	015504	1	625	995	62.80%
Evans (town)	015402	4	720	1,365	52.70%
Evans (town)	015503	2	610	1,180	51.70%
Evans (town)	015504	4	435	860	50.60%
Evans (town)	015503	1	545	1,265	43.10%
Evans (town)	015504	2	395	1,105	35.70%
Evans (town)	015402	2	295	845	34.90%
Evans (town)	015401	2	445	1,330	33.50%
Evans (town)	015402	1	400	1,320	30.30%
Evans (town)	015504	3	110	390	28.20%
Evans (town)	015401	1	315	1,455	21.60%
Evans (town)	015402	3	225	1,080	20.80%
Total			5,120	13,190	38.82%
Gowanda - EC (village)	017501	2	815	1,115	73.10%
Gowanda - CC (village)	960400	2	475	1,150	41.30%
Gowanda - CC (village)	960400	1	325	960	33.90%
Total			1,615	3,225	50.08%
Grand Island (town)	007303	5	780	1,255	62.20%
Grand Island (town)	007306	2	290	790	36.70%
Grand Island (town)	007303	1	220	630	34.90%
Grand Island (town)	007306	1	375	1,110	33.80%
Grand Island (town)	007304	2	160	560	28.60%
Grand Island (town)	007303	2	595	2,345	25.40%

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
Grand Island (town)	007306	5	380	1,595	23.80%
Grand Island (town)	007305	1	495	2,540	19.50%
Grand Island (town)	007306	3	150	815	18.40%
Grand Island (town)	007304	3	425	2,725	15.60%
Grand Island (town)	007303	3	180	1,610	11.20%
Grand Island (town)	007304	1	300	2,805	10.70%
Grand Island (town)	007303	4	85	1,095	7.80%
Grand Island (town)	007306	4	95	1,275	7.50%
Total			4,530	21,150	21.42%
Holland (town)	015003	2	520	1,150	45.20%
Holland (town)	015003	1	810	2,195	36.90%
Total			1,330	3,345	39.76%
Lancaster (town)	014207	3	905	1,205	75.10%
Lancaster (town)	014204	3	570	1,035	55.10%
Lancaster (town)	014209	1	620	1,980	31.30%
Lancaster (town)	014207	1	205	835	24.60%
Lancaster (town)	014208	2	410	1,795	22.80%
Lancaster (town)	014204	2	345	1,530	22.50%
Lancaster (town)	014208	1	185	930	19.90%
Lancaster (town)	014204	1	210	1,160	18.10%
Lancaster (town)	014209	2	255	1,755	14.50%
Lancaster (town)	014207	2	210	1,455	14.40%
Lancaster (town)	014209	3	110	790	13.90%
Lancaster (town)	014206	4	260	2,005	13.00%
Lancaster (town)	014208	3	335	2,950	11.40%
Lancaster (town)	014206	2	160	1,420	11.30%
Lancaster (town)	014207	4	190	1,685	11.30%
Lancaster (town)	014206	1	270	2,720	9.90%
Lancaster (town)	014206	3	30	1,420	2.10%
Total			5,270	26,670	19.76%
Lancaster (village)	014400	2	775	1,210	64.00%
Lancaster (village)	014400	3	585	1,070	54.70%
Lancaster (village)	014300	4	470	910	51.60%
Lancaster (village)	014400	1	875	1,845	47.40%
Lancaster (village)	014300	5	500	1,320	37.90%
Lancaster (village)	014300	2	385	1,085	35.50%
Lancaster (village)	014300	1	485	1,585	30.60%
Lancaster (village)	014300	3	285	1,025	27.80%
Total			4,360	10,050	43.38%

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
Marilla (town)	015001	3	555	1,000	55.50%
Marilla (town)	015001	1	620	1,750	35.40%
Marilla (town)	015001	2	130	2,635	4.90%
Total			1,305	5,385	24.23%
Newstead (town)	014804	1	405	930	43.50%
Newstead (town)	014804	3	535	1,755	30.50%
Newstead (town)	014805	1	250	900	27.80%
Newstead (town)	014804	2	290	1,205	24.10%
Newstead (town)	014805	2	270	1,475	18.30%
Total			1,750	6,265	27.93%
North Collins (town)	015700	1	575	1,225	46.90%
North Collins (town)	015700	3	190	615	30.90%
North Collins (town)	015700	2	160	700	22.90%
Total			925	2,540	36.42%
North Collins (village)	015700	4	435	925	47.00%
Total			435	925	47.00%
Orchard Park (town)	013701	3	450	815	55.20%
Orchard Park (town)	013701	2	880	1,950	45.10%
Orchard Park (town)	013701	1	570	1,275	44.70%
Orchard Park (town)	013702	2	570	1,595	35.70%
Orchard Park (town)	013702	3	300	875	34.30%
Orchard Park (town)	013501	2	310	1,030	30.10%
Orchard Park (town)	013501	4	520	1,830	28.40%
Orchard Park (town)	013502	3	605	2,365	25.60%
Orchard Park (town)	013701	4	570	2,550	22.40%
Orchard Park (town)	013501	3	395	1,895	20.80%
Orchard Park (town)	013702	1	615	3,435	17.90%
Orchard Park (town)	013501	5	165	1,015	16.30%
Orchard Park (town)	013501	1	120	790	15.20%
Orchard Park (town)	013502	1	255	1,925	13.20%
Orchard Park (town)	013502	4	95	1,225	7.80%
Orchard Park (town)	013502	2	40	1,630	2.50%
Total			6,460	26,200	24.66%
Orchard Park (village)	013600	1	295	1,335	22.10%
Orchard Park (village)	013600	2	170	1,020	16.70%
Orchard Park (village)	013600	3	95	580	16.40%
Total			560	2,935	19.08%

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
Sardinia (town)	015102	2	465	990	47.00%
Sardinia (town)	015102	1	385	1,750	22.00%
Total			850	2,740	31.02%
Springville (village)	015900	2	905	1,965	46.10%
Springville (village)	015900	1	990	2,160	45.80%
Total			1,895	4,125	45.94%
Tonawanda Indian Reservation	940100	1	15	15	100.00%
Total			15	15	100.00%
Wales (town)	015002	1	520	2,420	21.50%
Wales (town)	015002	2	125	585	21.40%
Total			645	3,005	21.46%
West Seneca (town)	011202	4	735	910	80.80%
West Seneca (town)	011400	2	1,115	1,565	71.20%
West Seneca (town)	017302	2	695	1,310	53.10%
West Seneca (town)	011300	4	655	1,235	53.00%
West Seneca (town)	011400	1	415	795	52.20%
West Seneca (town)	011600	1	725	1,440	50.30%
West Seneca (town)	011700	1	310	620	50.00%
West Seneca (town)	011500	1	410	840	48.80%
West Seneca (town)	011700	3	940	2,170	43.30%
West Seneca (town)	017302	1	480	1,190	40.30%
West Seneca (town)	011800	2	330	820	40.20%
West Seneca (town)	011300	3	150	380	39.50%
West Seneca (town)	012001	2	980	2,495	39.30%
West Seneca (town)	011500	2	200	550	36.40%
West Seneca (town)	011300	1	220	645	34.10%
West Seneca (town)	012001	1	455	1,350	33.70%
West Seneca (town)	011700	2	360	1,130	31.90%
West Seneca (town)	012002	1	370	1,240	29.80%
West Seneca (town)	011300	2	535	1,850	28.90%
West Seneca (town)	012003	1	440	1,720	25.60%
West Seneca (town)	011202	3	610	2,575	23.70%
West Seneca (town)	011800	1	195	835	23.40%
West Seneca (town)	011201	1	455	1,980	23.00%
West Seneca (town)	011202	2	200	890	22.50%
West Seneca (town)	017301	1	415	1,870	22.20%
West Seneca (town)	017302	3	375	1,735	21.60%
West Seneca (town)	011800	3	415	2,065	20.10%
West Seneca (town)	012002	3	275	1,375	20.00%

MUNICIPAL TOTALS
Low/Moderate Income Persons - Year 2020
Erie County, New York (Urban County)

MUNICIPALITY	TRACT	BLKGRP	LOWMOD	LOWMODUNIV	LOWMODPCT
West Seneca (town)	017301	2	160	855	18.70%
West Seneca (town)	012003	3	440	2,395	18.40%
West Seneca (town)	011202	1	115	705	16.30%
West Seneca (town)	011600	2	90	560	16.10%
West Seneca (town)	012003	2	130	850	15.30%
West Seneca (town)	012002	2	145	1,050	13.80%
West Seneca (town)	012001	3	75	800	9.40%
Total			14,615	44,795	32.63%

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Managing Mercury Thermostats

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New York State Mercury Thermostat Collection Act

On December 18, 2013, the Governor signed the Mercury Thermostat Collection Act of 2013 [\(<https://www.nysenate.gov/legislation/laws/env/a27t29>](https://www.nysenate.gov/legislation/laws/env/a27t29) (leaves DEC website) into law. This legislation adds a new Title 29 to Environmental Conservation Law (ECL) Article 27, "Mercury Thermostat Collection Act" and provides for the mandatory collection and environmentally sound management of mercury thermostats. As a result, homeowners have more convenient opportunities for the safe drop-off and recycling of out-of-service mercury thermostats, thereby diverting them from being improperly disposed of in the trash, ultimately ending up in landfills and at municipal waste combustion facilities. **It is illegal to throw mercury thermostats in the trash, as New York State has had a disposal ban in place since 2005.**

The Act requires thermostat manufacturers, individually or collectively with other manufacturers, to establish and maintain a program for the collection, transportation, recycling, and proper management of out-of-service mercury thermostats at no cost to the consumer or other persons participating in the program. In NYS the Thermostat Recycling Corporation (TRC) implements the program on behalf of manufacturers. To locate a collection location near you visit TRC's website [\(<https://thermostat-recycle.org/>](https://thermostat-recycle.org/) (leaves DEC website)

Thermostat wholesalers are prohibited from selling thermostats unless they participate as collection sites and wholesalers and retailers are prohibited from offering for sale or distributing thermostats unless the manufacturer of such thermostats has or is participating in a program to accept end-of-life mercury thermostats. The Act also prohibits transporters from knowingly comingling mercury-added thermostats with recyclable materials, or transporting or knowingly delivering mercury thermostats to incinerators, landfills, transfer stations, or to anyone the transporter knows might comeingle materials or make such unlawful deliveries. Contractors who replace mercury thermostats or demolish buildings are required to bring mercury thermostats to collection programs.

Reports on the NYS Mercury Thermostat Collection Act

DEC has submitted a report to the Governor and Legislature analyzing the results of the mercury thermostat collection program since implementation. The report, entitled "New York State Mercury Thermostat Collection Act Program Analysis and Recommendations [\(</docs/materials_minerals_pdf/mercurythermreport.pdf>](/docs/materials_minerals_pdf/mercurythermreport.pdf)," (PDF) is now available.

A report entitled, "Effectiveness of the NYS Mercury Thermostat Collection Act of 2013 with Recommendations for the Act's Extension [\(</docs/materials_minerals_pdf/csmmfinaireport.pdf>](/docs/materials_minerals_pdf/csmmfinaireport.pdf)" (PDF) was submitted to the DEC by the NYS Center for Sustainable Materials Management, and is now available.

Contact for this Page

Product Stewardship & Waste Reduction Section Division of Materials Management

625 Broadway

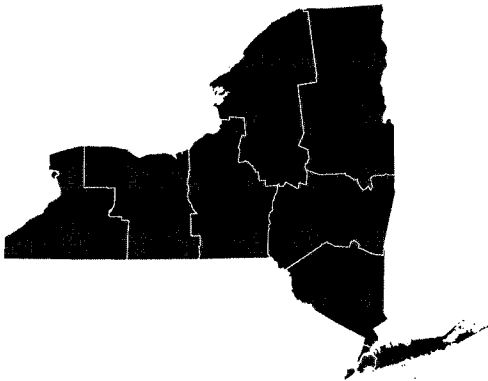
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Carpet Recycling

The Carpet Collection Program Law <https://www.nysenate.gov/legislation/laws/env/a27t33> (law -- link leaves DEC's website), Article 27, Title 33 of the Environmental Conservation Law, will go into effect on December 28th, 2024. This critical extended producer responsibility law requires carpet producers to fund a convenient carpet collection program at no cost to NYS consumers, with program launch set for **July 1st, 2026**.

The law establishes increasing recycling rates for programs to achieve, phases out PFAS chemicals in the production of new carpet, requires new carpet be manufactured with increasing percentages of post-consumer recycled material, as well as sets specific goals for closed-loop recycling that will lead to the development of a more circular economy for the carpet industry.

Carpet Covered by the Law

Carpet is a manufactured article used by consumers, attached or placed on the floor or walking surface as a decorative or functional feature, and is primarily made of a top surface of synthetic or natural fibers, yarns, or tufts attached to a backing system made of synthetic or natural materials. Carpet covered by this law includes, but is not limited to:

- Broadloom carpet
- Modular carpet tiles
- Artificial turf
- Pads or underlayment used in conjunction with carpet

The law does not cover: handmade rugs, area rugs, or mats.

Producer Responsibilities

A carpet producer or its representative organization must submit to the Department for approval a carpet collection program plan addressing the various requirements set forth in the law. On and after July 1, 2026, a producer may not offer for sale carpet in the state unless it is participating under an approved program plan. Producers are responsible for all costs associated with the implementation of their carpet collection programs. A producer or its representative organization must also provide an outreach and education program to inform consumers, carpet installers and others engaged in the management of discarded carpet of their opportunities available through the approved program. Carpet producers must comply with applicable labeling and design requirements as well.

A producer or its representative organization is also responsible for submitting annual reports detailing prior program year results and compliance with minimum performance metrics (i.e., minimum post-consumer recycled content, recycling, and closed-loop recycling rates) as set in statute:

- **One** year after the original program plan is approved by the Department:
 - all carpet sold shall be manufactured with at least 10% post-consumer recycled content
- **Five** years after the original program plan is approved by the Department:
 - All carpet sold shall be manufactured with at least 20% post-consumer recycled content
 - Producers shall achieve a 30% recycling rate, of which 10% shall be closed loop
- **10** years after the original program plan is approved by the Department:
 - All carpet sold shall be manufactured with at least 30% post-consumer recycled content
 - Producers shall achieve a 50% recycling rate, of which 20% shall be closed loop
- **15** years after the original program plan is approved by the Department:
 - Producers shall achieve a 75% recycling rate, of which 40% shall be closed loop

A producer will be liable for surcharge penalties of \$.25 per pound if recycling rate minimums are not achieved. Please review the law for a comprehensive list of requirements applicable to a carpet producer and its representative organization.

Retailer Responsibilities

Retailers may not sell or offer for sale carpet in the state unless the producer of the carpet is participating in a carpet collection program. Retailers may also voluntarily participate as a designated collection site in a carpet collection program. Please review the law for a comprehensive list of requirements applicable to carpet retailers.

Important Dates

- **December 28, 2024** - Law goes into effect
- **January 1, 2025** - Advisory board to be established within the Department to make recommendations regarding program plans
- **December 31, 2025** - Producers and representative organization(s) must submit carpet collection program plans to the Department for approval
 - Any new carpet producers after this date must submit a plan before selling carpet
 - Plans are accepted or rejected within 90 days
- **July 1, 2026** - Implementation of carpet collection program(s)
 - Producers cannot sell carpet into the state unless participating in a collection program
 - Retailers may not sell carpet unless the producer of the carpet is participating in a carpet collection program
- **December 31, 2026** - No carpet offered for sale shall contain or be treated with PFAS substances
- **July 1, 2027** - first program annual reports are due to the Department

This webpage will be updated frequently as program implementation progresses.

Contact for this Page

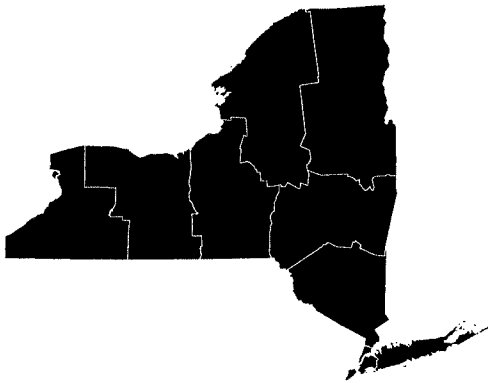
DMM, Bureau of Waste Reduction and Recycling
625 Broadway
Albany, NY 12233

Phone: 518-402-8706

Pswr@dec.ny.gov

This Page Covers

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Dare to REPAIR Cafe

Fix it. Don't ditch it!

JOIN US AT A FREE UPCOMING EVENT:

SATURDAY SEP. 21ST 11:00AM-2:00PM Kenmore Public Library 160 Delaware Rd, Kenmore, NY 14217	SATURDAY OCT. 19TH 11:00AM-2:00PM Orchard Park Public Library 4570 S Buffalo St, Orchard Park, NY 14127
SATURDAY NOV. 9TH 11:00AM-2:00PM West Seneca Public Library 1300 Union Rd, West Seneca, NY 14224	SATURDAY DEC. 7TH 11:00AM-2:00PM UB Allen Hall (South Campus) 3485 Main St, Buffalo, NY 14214

Dare to Repair Cafes are pop-up community events where individuals can bring broken items and have a team of volunteer fixers try to repair the item alongside them *for free!*

Current repair categories include small appliances, lamps, electronics, bicycles, clothing, and textiles. Please no gas powered items or TVs.

Learn a new skill, save money, and help save the planet!

Note: Repairs are not guaranteed and all participants will be required to sign a waiver. Not all fixers can make every event, so registering ahead of time helps ensure we've got someone who can fix your item. Replacement parts are limited, so bring 'em if ya got 'em!

or scan this QR code



Register to attend: thetoollibrary.org/daretorepair

PARTNERS IN REPAIR:



Funding generously provided by NYS Senator Sean Ryan

C I R C U L A R

OCTOBER

A MONTH OF SUSTAINABILITY

SATURDAY

05

11AM - 3PM

SCRAP Documentary Screening

📍 North Park Theatre (1423 Harte Avenue)

A film by Steve Granbaum that explores our relationship to things, what happens when we throw them out, and how people are giving them a second life. Tickets are \$12 and help support Dare to Repair Cofes.



TUESDAY

15

6PM - 7:30PM

Visible Mending Workshop w/ Susan

📍 The Tool Library (2626 Main Street)

Repairing holes in the wood can bring a new life to old items. Learn how repair can be useful and beautiful from master woodworker Susan in this hands-on visible mending workshop.



SATURDAY

19

11AM - 3PM

Dare to Repair Cafe

📍 Orchard Park Public Library (4570 S. Buffalo Street)

Dare to Repair Cafes are pop-up community events where individuals can bring broken items and have a team of volunteer fixers try to repair them alongside them for free.



TUESDAY

22

6PM - 7:30PM

Lamp Repair Workshop w/ Adam

📍 The Tool Library (2626 Main Street)

Lamp won't light? Light fixture on the fritz? Come learn how to repair and rewire your lamp from volunteer fixer Adam. Bring your own lamp or follow along with ours. Repair parts will be provided.



SATURDAY

26

1PM - 5PM

Tools & Treats Tool and Bake Sale

📍 The Tool Library (2626 Main Street)

Join us for a sidewalk sale where we'll be selling delicious baked goods and hundreds of tools ranging from hammers and wrenches, to circular saws, drills, woodworking tools, garden tools, lawnmowers, and so much more!



TUESDAY

29

6PM - 7:30PM

An Evening with Ken Ilgunas

📍 Buffalo Maritime Center (80 Arthur Street)

Join Ken Ilgunas, an award-winning author, journalist, backcountry ranger, and WNY native as he shares his experience as a right-to-room advocate and explores the promise of the Commons to build a more sustainable future.



To learn more, scan the QR Codes or visit: www.thetoollibrary.org/circular







COUNTY OF ERIE
DEPARTMENT OF ENVIRONMENT & PLANNING
DIVISION OF SEWERAGE MANAGEMENT
*** * MEMORANDUM * ***

TO: David C. Millar, P.E., Secretary - ECSD No. 3 Board of Managers
FROM: Nadine R. Wetzel, P.E., Sanitary Engineer *NRW*
DATE: June 17, 2024
RE: ECSD No. 3 - Eighteenmile Creek Sewer Line Stabilization Mitigation Project
Contract No. 79
ECSD No. 3 Board of Managers Recommendation for Approval

ECSD No. 3 owns and operates an 18-inch diameter sanitary trunk sewer that has become exposed above grade within Eighteenmile Creek in the Town of Boston. The concrete-encased PVC sewer was constructed in the early 1980's and was originally over 3 feet below the creek bed. Degradation and erosion of the creek channel has exposed the pipe's concrete encasement over time and in two locations the encasement has been worn away exposing the pipe. The downstream side of the interceptor has started to become undermined. Continued degradation of the creek bed and/or channel, or debris in the creek, could cause the pipe to rupture or fail. This would result in discharge raw sewage directly into Eighteenmile Creek or inflow of creek water into the pipe that would cause flooding and damage of downstream sewers and pumping stations. Access to the sewer is difficult due to its location in a wooded backlot with no direct path from the roadway.

While exploring alternatives for securing the exposed creek crossing and stabilizing a portion of the creek, the Division of Sewerage Management (DSM) contacted the Erie County Soil & Water Conservation District (ECS&WCD). The ECS&WCD has an existing agreement with the County of Erie to facilitate stream bank maintenance, on behalf of Erie County Department of Public Works, as well as specialized expertise in designing, obtaining permits for, and constructing the creek stabilization structures. After reviewing the project conditions with the DSM, the ECS&WCD has indicated it would be willing to partner with ECSD No. 3 and prepare engineering plans and secure regulatory permits to facilitate a construction project to perform stream stabilization, as well as repair the pipe encasement on behalf of ECSD No. 3.

The DSM is proposing, on behalf of ECSD No. 3, an amendment to the existing agreement to facilitate funding for this work by ECSD No. 3.

The DSM would like to have this item considered by the ECSD No. 3 Board of Managers before the next Board meeting, which is scheduled for October 9, 2024. Please poll the members for the Board's approval of an amendment to the existing agreement and to facilitate funding from ECSD No. 3. Capital Reserves Account C.00007.

Cc: G. Pecak/J. Desjardins/ 3.3.3.79

*under \$400K
10/17/24 O'Brien*

Here 5(c)(1)

**RESOLUTION
BOARD OF MANAGERS
ERIE COUNTY SEWER DISTRICT NO. 3**

WHEREAS, the County of Erie had previously entered into a municipal agreement with the Erie County Soil and Water Conservation District (ECS&WCD), as authorized by Legislative Comm. 2E-17 (2023); and

WHEREAS, the Erie County Department of Environment and Planning, Division of Sewerage Management (ECDSM), has identified the need to secure an exposed creek crossing and stabilize a portion of Eighteenmile Creek in the Town of Boston to prevent additional degradation of the creek and damage to the sewer; and

WHEREAS, the ECS&WCD has the essential experience necessary to execute a stream bank stabilization project in the vicinity of the proposed project area; and

WHEREAS, the ECDSM and the ECS&WCD desire to enter into a cooperative agreement to allow the ECS&WCD to coordinate and facilitate the ECSD No. 3 - Eighteenmile Creek Sewer Line Stabilization Mitigation Project on behalf of Erie County Sewer District (ECSD) No. 3; and

WHEREAS, the total amount of this project is not to exceed \$400,000.00; and

WHEREAS, Erie County Sewer District No. 3 will fund this project from Capital Reserve Account C.00007.

NOW, THEREFORE, BE IT,

RESOLVED, that the ECSD No. 3 Board of Managers recommends the amendment of an agreement with ECS&WCD to include the ECSD No. 3 - Eighteenmile Creek Sewer Line Stabilization Mitigation Project in an amount not to exceed \$400,000.00.

CONFIRMATION OF 6/17/24 EMAIL POLL

Moved by: _____

Seconded by: _____

Approved/Disapproved: _____

Date: _____

Respectfully submitted,

David C. Millar, P.E.
Secretary to the Board of Managers
Erie County Sewer District No. 3

APPROVED VIA EMAIL POLL, 9-0
JUNE 20, 2024
AM

emailed 9/26/24 ak



NEW YORK MUNICIPAL INSURANCE RECIPROCAL

09/05/2024

Mr. Jason Keding
Town of Boston
8500 Boston State Rd
Boston, NY 14025

SEP 10 2024 09:01

Dear Mr. Keding

NYMIR worked together with our members over the past year to address the devastating impact vehicle fires have had on our municipalities. The loss of a garage facility along with the essential equipment contained within has a crippling effect on operations, finances and much more. In 2022 alone, vehicle fires resulted in over \$12 million in losses for NYMIR members.

Members will need to continue this effort to prevent avoidable vehicle fires by attesting that all heavy and extra-heavy trucks are equipped with battery disconnect switches which are engaged when the vehicle is parked at the end of the day.

We kindly request that you work with your Highway Department or DPW to affirm that all applicable vehicles have working battery disconnect switches. NYMIR strongly recommends a process be in place to confirm that the switches are engaged. It doesn't matter how many trucks are outfitted with disconnect switches if they are not used to cut power at the end of the day.

Going forward, we will not be providing a separate vehicle list. Please refer to your own records for the list of vehicles insured by NYMIR.

Please sign and return the attached attestation form to Polyne Akech at pakech@wrightinsurance.com by 10/25/2024. The signed form can be scanned and emailed back or mailed to 12 Metro Park Rd., Colonie, NY 12205. Failure to return the form prior to your renewal date will reduce coverage for your vehicles and property at renewal.

We appreciate the efforts your municipality has made over the past year to implement these important preventative measures. Should you have any questions, please contact me directly at 845-551-9618.

Sincerely,

David Bloodgood
Vice President of Risk Management

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Association of Towns



Conference of Mayors



Association of Counties

333 Earle Ovington Blvd. Suite 505
Uniondale, New York 11553-3624
(516) 227-2120, FAX 227-2352
1-800-NYMIR05

12 Metro Park Road
Colonie, New York 12205-1139
(518) 437-1171, FAX 437-1182
www.nymir.org



NEW YORK MUNICIPAL INSURANCE RECIPROCAL

The Town of Boston attests that all heavy and extra-heavy trucks have working battery disconnect switches installed.

The Town of Boston understands the importance of ensuring the use of these switches daily.

Lead Municipal Administrator

Signature

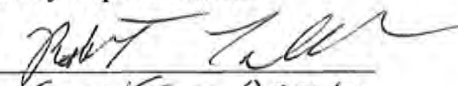
Date


Sept 19, 2024

DPW/Highway Superintendent

Signature

Date

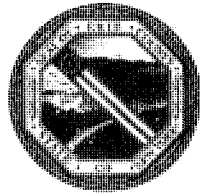

9-19-2024

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1-800-NYMIR05

12 Metro Park Road
Colonie, New York 12205-1139
(518) 437-1171, FAX 437-1182
www.nymir.org



SEP 30 2024 PM12:22

ERIE COUNTY SOUTHEAST AGRICULTURAL DISTRICT NO. 15 | 8-YEAR REVIEW UNDERWAY

Why am I getting this flyer?

You are receiving this flyer because you own one or more properties that are located within the Southeast Agricultural District, which Erie County is currently reviewing. NYS Agriculture and Markets Law requires the Erie County Legislature to review districts every eight years. As part of this review, landowners in the District have a 30-day comment period during which landowners may request changes to the District. **The only time a property owner may remove their land from the Agricultural District, by law, is during the eight-year review period.**

What are Agricultural Districts?

An Agricultural District is an area within a local jurisdiction where farming is the preferred economic activity. The purpose of agricultural districts is to encourage the continued use of farmland for agricultural production. Farmers in Agricultural Districts benefit from “right-to-farm” protections, such as defense from private nuisance lawsuits and restrictive local ordinances. These protections are designed to prevent the conversion of farmland to non-agricultural uses.

My property is not farmed, what effect does being in the Agricultural District have on my property?

There is no effect on non-farm properties by being in the Agricultural District. Being in the District does not affect property taxes, property values, or property assessments for any parcel regardless of use; nor does it guarantee that any parcel will receive any tax exemptions.

What do I need to do?

1. To enroll additional property, or to remove property, from the District, complete the Agricultural District Modification Form at erie.gov/agdistrictwebform. For a paper copy of the form, email agriculture@erie.gov. To view current Agricultural Districts and determine if your property is enrolled, visit erie.gov/checkagstatus.

PLEASE NOTE: NO ACTION IS REQUIRED IF YOU WISH TO LEAVE YOUR LAND IN THE DISTRICT.

2. Complete the “Agricultural District Review Worksheet” to the best of your ability and return it to the Erie County Department of Environment and Planning. As part of this review, the County is required by the NYS Department of Agriculture and Markets to report summary data for farms enrolled in the district. All personal information and parcel identifying information is kept strictly confidential. The worksheet can be completed online at erie.gov/agsurvey. If completing the enclosed worksheet, return to:

Attn: Agricultural Districts
Erie County Department of Environment and Planning
95 Franklin Street, 10th Floor
Buffalo, NY 14202

What is the deadline?

Modification requests must be submitted in writing between October 1-31, 2024.

I want more information...

More information on the District review period can be found at erie.gov/agriculture or by contacting Sarah Gatti at sarah.gatti@erie.gov or 716-858-6014.

ERIE COUNTY DEPARTMENT OF ENVIRONMENT & PLANNING AGRICULTURAL DISTRICT REVIEW WORKSHEET

This form is to be completed by landowners whose lands are being utilized agriculturally within an agricultural district that is subject to a review, or by landowners that wish to be included in the district. Information provided will be used to determine the significance and viability of agriculture within the district.

PART I – LANDOWNER IDENTIFICATION

Owner Name: _____

Telephone: _____

Mailing Address: _____

Street Address

City

State

Zip

Is property in agricultural use? ☐ No (stop – form is complete, please mail back) ☐ Yes

Are you a farmer/grower? ☐ No (If your land is rented, please fill out part IV) ☐ Yes (Please fill out parts II, III, and IV)

PART II – FARM OPERATION DESCRIPTION

No. of Acres Owned: _____

No. of Acres Cropped: _____

No. of Acres Rented: _____

(from another landowner as part of the subject farm)

Where Do You Sell Agricultural Products? (examples: grocery stores, institutions, restaurants)

Are you Looking for Additional Markets to Sell your Products?

Farm Enterprise (check one)	Estimated Annual Gross Farm Income (check one)	Capital Investment Over Past 8 Years (check one)
☐ Dairy	☐ Below \$10,000	☐ Below \$10,000
☐ Cash Crop – Grain (please specify)	☐ \$10,000 to \$49,999	☐ \$10,000 to \$39,999
	☐ \$50,000 to \$99,999	☐ \$40,000 to \$99,999
☐ Cash Crop – Vegetable (please specify)	☐ \$100,000 to \$199,999	☐ \$100,000 to \$199,999
	☐ \$200,000 to \$499,999	☐ Over \$200,000
	☐ Over \$500,000	
☐ Orchard		
☐ Vineyard		
☐ Livestock (other than dairy)		
☐ Poultry		
☐ Horticulture Specialties		
☐ Sugarbush		
☐ Christmas Tree		
☐ Other (please specify)		

PART III – BOUNDARY DESCRIPTION

List tax ID numbers for all parcels within the farm unit. These numbers, also known as SBL numbers, can be found on property tax notices.

Tax ID No.	Acres	Tax ID No.	Acres	Tax ID No.	Acres

List tax ID numbers (if known) and landowner names for all parcels rented from another

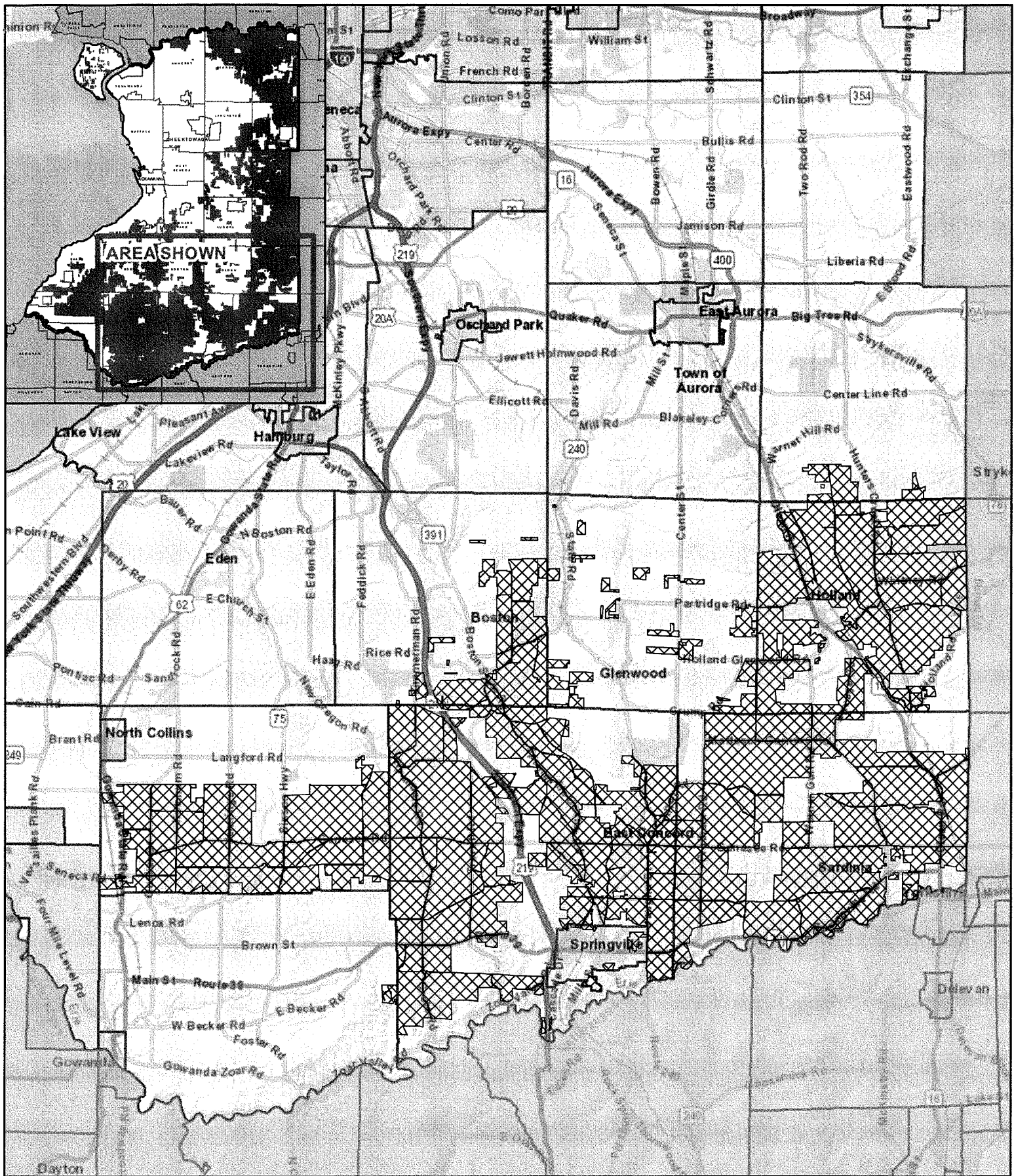
Tax ID No.	Farmer/Grower Name	Tax ID No.	Farmer/Grower Name	Tax ID No.	Farmer/Grower Name

List tax ID numbers for all parcels **rented** to farmers/growers and identify farmer/grower names.

Tax ID No.	Farmer/Grower Name	Tax ID No.	Farmer/Grower Name	Tax ID No.	Farmer/Grower Name

BREAKDOWN OF TOTAL ACRES	OWNED	RENTED	LIVESTOCK & POULTRY	NUMBER
CROPS HARVESTED:			Milk Cows	_____
Hay	_____	_____	Heifers and Calves	_____
Corn	_____	_____	Beef	_____
Other Grains (Wheat, Rye, Oats, etc.)	_____	_____	Laying Hens and Pullets	_____
Vegetables	_____	_____	Hogs	_____
Nursery	_____	_____	Horses	_____
Other (Please indicate)	_____	_____	Other (Please indicate)	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
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SUBTOTAL (1)			OTHER	AMOUNT
CONSERVATION RESERVE PROGRAM	_____	_____	Maple Syrup (gallons)	_____
DIRECT & COUNTER CYCLICAL PROGRAM (5yr)	_____	_____	Cord Wood (cords)	_____
NON-TILLABLE LAND:	_____	_____	Greenhouses (#)	_____
Pasture	_____	_____	Greenhouses (total sqft)	_____
Wetlands	_____	_____	Milk (lbs) (12 months)	_____
Forests	_____	_____	Other (Specify)	_____
Other (Sugarbush, X-mas Trees, etc.)	_____	_____	_____	_____
_____	_____	_____	_____	_____
SUBTOTAL (2)				
TOTAL ACRES (1) AND (2)				

Attn: Agricultural District Review
Erie County Department of Environment and Planning
95 Franklin Street
Buffalo, NY 14202



 Southeast #15



0 3.5 7 14
Miles

SOUTHEAST AGRICULTURAL DISTRICT

BOSTON, COLDEN, CONCORD, HOLLAND,
NORTH COLLINS, SARDINIA, AND WALES
ERIE COUNTY NY



MAP PREPARED BY THE ERIE COUNTY DEPARTMENT OF
ENVIRONMENT & PLANNING BY GATTIS2, 9/6/2024

ERIE COUNTY

AGRICULTURAL AND FARMLAND PROTECTION PLAN UPDATE

OVERVIEW

Erie County is updating the existing Agricultural and Farmland Protection Plan, a document that will guide policy decisions on agricultural land use in Erie County and will address the:

- Economic viability of agriculture
- Protection and promotion the use of land for farming
- Importance of climate-resilient farming
- Emergence of urban agriculture

The Erie County Department of Environment and Planning will lead the update process, in close cooperation with the Erie County Agricultural and Farmland Protection Board, which will act as the Steering Committee.

SCHEDULE

The Plan update will conclude in early 2025. Opportunities for public engagement are ongoing, with focus groups occurring in Fall 2024, when the public can review draft issues and opportunities identified, and again in Winter 2025, when the final draft Plan will be available for review.

PROJECT WEBSITE

Subscribe for project updates, view draft documents, and project information at [**erie.gov/agplanupdate**](https://erie.gov/agplanupdate).

CONTACT

Sarah Gatti, Principal Planner, at [**agriculture@erie.gov**](mailto:agriculture@erie.gov)





EXPLORE ERIE COUNTY AGRICULTURE

Erie Grown is an Erie County initiative to better links farms and consumers. The Erie Grown Passport, a companion to the website, rewards participants for supporting local producers.

HOW IT WORKS

- Visit erie.gov/eriegrown to find farmers near you.
- Enroll in the Erie Grown Passport.
- When visiting farms, record the date of your visit.
- Submit your Passport for a chance to win prizes.

PASSPORT RULES

- One Passport person. One entry allowed per listing.
- Be kind and make a purchase.

THINGS TO KEEP IN MIND

- Visit erie.gov/eriegrownpassport for more details.
- Tag #eateriegrown on social media.
- Always check that a listing is open before visiting.
- Email agriculture@erie.gov with questions.

HOW TO SUBMIT YOUR PASSPORT

- If using the online Passport, submit only when you are ready to enter the contest. If using a hard copy Passport, you can email to agriculture@erie.gov or submit by mail to:

Erie County Department of Environment and Planning
95 Franklin Street, Tenth Floor
Buffalo, NY 14202

THANK YOU TO OUR SPONSORS

Cornell Cooperative Extension
Erie County



AGENDA

Boston MS4

Kick Off Meeting Agenda

NYSDEC MS4 Permit GP – 0 24 – 24 – 001 Program and Reporting Requirements

Location: Town of Boston Town Hall

Date: 9/25/2024

Time: 9:15 AM

AGENDA ITEMS

1. Introductions

- LaBella Team
- Town of Boston Key Staff
 - Code Enforcement
 - Highway Superintendent

2. NYSDEC Compliance Items

Meeting will aim to focus on 2025 reporting requirements. Refer to Spreadsheet Handout.

2.1A.1 – Update SWMP for Permit GP-0-24-001

Existing SWMP for Permit GP-0-15-003(Outdated)

2.1A.2 – New SWMP Template (Word File) from WNY Stormwater Coalition

2.1B – Org Chart and Roles (Include in updated SWMP) – Refer to Spreadsheet Handout

- Org Chart and Roles
 - Stormwater Program Coordinator
Stormwater Program Coordinator oversees the development, implementation, and enforcement of the SWMP; coordinates all elements of the SWMP to ensure compliance with this SPDES general permit; and develops and submits the Annual Report.

4 Hour Training required.
 - **Stormwater Management Officer** for questions related to this Stormwater Management Program (SWMP) Plan, or to obtain compliance-related documentation cited throughout this document.

- **Local point of contact** to receive and respond to public concerns/complaints regarding stormwater management and compliance with permit requirements:
 - Town Clerk Log complaints
- **To report illicit discharges** in **Boston** contact:
- To report **stormwater complaints related to construction activity** in **Boston** contact:

2.1C – Mapping

- Mapping – Coordination with WNY Stormwater Coalition
- Current 2020 mapping has pipe sizes, materials, descriptions, land use, etc..
- LaBella will request latest mapping from County
 - Show Progress on Mapping for 1st reporting period
- GPS Hand Devices for obtaining field data missing (TBD)

2.1D – Enforcement response Plan and Tracking

- Verbal, written, Citations, Stop Work Orders
- Record Keeping

Minimum Control Measures (MCM)

3. MCM1 – Public Education and Outreach

Collaboration with WNY Stormwater Coalition

Document the educational messages the methods in the SWMP (i.e. brochures, website, etc..)

- Boston Focus area: 18 Mile Creek Class A Stream per NYSDEC Stormwater Interactive Map

4. MCM2 – Public Involvement/Participation

Local Point of Contact for public to ask questions and submit comments related to Stormwater Management and compliance with permit requirements

8. **MCM3-Illicit Discharge Detection and Elimination**

- SWMP must contain contact, email and phone no. (able to leave message)
- Monitoring locations, descriptions including priority (high or low), receiving waterbody, etc...

9. **MCM4-Construction Site Stormwater Runoff Control**

- Document in SWMP contact e-mail and phone (with message recording) complain no. for construction sites.
- Document site complaints in SWMP plan
- Document Construction Oversight program in SWMP plan
- Maintain list of applicable construction sites in the SWMP plan

10. **MCM5-Post-Construction Stormwater Management** Refer to Spreadsheet Handout

11. **MCM6-Pollution Prevention and Good Housekeeping** Refer to Spreadsheet Handout

12. Discussion/Next Steps

Materials Checklist	☐ Ladders	☐ Plastic	☐ Drills
	☐ Toll \$	☐ Suits	☐ Gas/Diesel
	☐ Duct Tape	☐ Staples	☐ Hand Tools
	☐ Scaffold	☐ Garbage Bags	☐ Baffles
	☐ Shields	☐ Saws	☐

Weather Conditions

☐ Dry ☐ Cold
☐ Wet ☐ Warm

Jobsite Inspection ☐ Potential Overspray ☐ Previous Damage (note it here and inform the customer)
Damage

Job Time
Estimates _____ Actual Hours _____

Job Clicks
Estimates _____ Actual Clicks _____

**SUPERIOR INSULATION of
Williamstown Construction, Inc.**

71 Gruner Rd., Cheektowaga, NY 14227
716-892-1416 • Cell 716-239-9719 • Fax 716-844-8096

Job Clicks Estimates _____		Actual Clicks _____		CELL PHONE 716-860-4659		WORK PHONE	
NAME Town of Boston C/O Shawn Vanderdoes				HOME PHONE		DATE June 10, 2024	
STREET 8500 Boston State Road				JOB NAME SPF Retrofit			
CITY, STATE AND ZIP CODE Boston, NY 14025-9648				JOB LOCATION Blue Hwy. Dept. Garage for plow trucks			
EMAIL		ACCESS		☐ CHECK ☐ MasterCard ☐ VISA		JOB PHONE	

Foam Type:  Spray Foam  Pour Foam  Injected Foam

Area to be Sprayed	Sq. Ft.	Inches	Product	Price
Note: 15,000 sq. ft. building				
Scope:				
-Remove existing fiberglass from ceiling and dispose.	10,000+/-	-	Removal & disposal of existing	\$15,000.00
-Install closed cell SPF directly against underside uninsulated roof section.	10,000+/-	R21 min. 3"	Accufoam 2.0 closed cell SPF	\$45,000.00
-Install intumescent fire paint to previously installed 5000 sq. ft. SPF and new 10,000 sq. ft. SPF sections.	15,000+/-	15 minute 18 mils wet	DC-315 or No Burn	\$22,500.00
			James Hottum V.P.	

☐ _____

Spray zone should not be occupied by persons & pets for the first 24-48 hours after installation.

Eighty two thousand five hundred and 00/100

dollars (\$ **82,500.00**).

Payment in full is due upon completion of work, payable to Williamstown Construction.

Signature _____

*Note this proposal may be withdrawn by us if not accepted within 30 days.

Signature _____

Signature _____

Date of Acceptance _____

☐ This proposal contains all the information of the job. No other agreements, verbal or implied are valid.

TOWN OF BOSTON
APPLICATION FOR
USE OF TOWN MEETING FACILITY

Name/Organization South town's Homeschoolers Date 9/12/2024

Name of person responsible for facilities Amanda Kessler

Title Coordinator

Applicant Address

Applicant Daytime Phone #

Of Attendees: 30 +/-

Date(s) Requested* 11/18, 3/17, 3/20, 4/17, 5/8 Time 1:30 Type of Event Homeschool
social -
presentations

I, THE UNDERSIGNED, REQUEST PERMISSION TO USE THE FOLLOWING: (check all that apply)

☒ Town Hall Community Room w/o Kitchen

☐ Planning Board Room

☐ Court Room

I agree that all facilities used will be properly cleaned to the best of my ability upon completion of the event and that I will be responsible for any damages caused to any of the facilities or grounds .

SIGNATURE OF APPLICANT: Amanda Kessler

Upon Completion, please submit to Town Clerk

APPROVED DENIED : 10/7/2021
(date)

INSPECTION: _____
(date)

RECEIVED
BOSTON TOWN CLERK
7 114

TOWN OF BOSTON
APPLICATION FOR
USE OF TOWN MEETING FACILITY

Name/Organization Girl Scout Troop 34715 Date 9 / 26 / 24

Name of person responsible for facilities Carrienne Hultgren

Title Troop Coleader

Applicant Address [REDACTED]

Applicant Daytime Phone # [REDACTED] # Of Attendees: 10-15

Date(s) Requested* See attached list Time 6pm-7:30pm Type of Event Troop Meeting

I, THE UNDERSIGNED, REQUEST PERMISSION TO USE THE FOLLOWING: (check all that apply)

☒ Town Hall Community Room w/o Kitchen

☐ Planning Board Room

☐ Court Room

I agree that all facilities used will be properly cleaned to the best of my ability upon completion of the event and that I will be responsible for any damages caused to any of the facilities or grounds .

SIGNATURE OF APPLICANT: Carrienne Hultgren

Upon Completion, please submit to Town Clerk

APPROVED/DENIED : 10/7/2024
(date)

INSPECTION: _____
(date)

Girl Scout Troop 34715 Meeting Dates 2024-2025

October 10, 2024 *	February 27, 2025
October 17, 2024	March 6, 2025
November 7, 2024	March 20, 2025
November 21, 2024	April 3, 2025
December 5, 2024	April 24, 2025
December 19, 2024	May 1, 2025
January 9, 2025	May 15, 2025
January 23, 2025	May 29, 2025
February 6, 2025	

**PUBLIC HEARING
NOTICE TO THE CITIZENS OF THE
TOWN OF BOSTON**

NOTICE IS HEREBY GIVEN that the Town Board of the Town of Boston, New York (the "Town"), will meet at the Town Hall, 8500 Boston State Road, Boston, New York, on the **16th day of October, 2024, at 7:30 p.m.** for the purpose of conducting a public hearing upon a Petition to establish the Deanna Drive Extension Subdivision Lighting District as hereinafter described, at which time and place said Town Board will meet to consider such proposition and hear all persons interested in the subject thereof concerning the same.

The Petition concerns the residential subdivision known as the Deanna Drive Extension. A description of the boundaries of the proposed district is as follows:

ALL THAT TRACT OR PARCEL OF LAND situate in the Town of Boston, County of Erie and State of New York, being part of Lot No. 14, Township 8, Range 7 of Holland Land Company's Survey, described as follows:

BEGINNING at a point in the north line of Lot No. 14, 580 feet west of the westerly line of the Hamburg-Springville Road (Route 219), said point being the northwest corner of lands conveyed to Frederick R. Keppler and Joyce A. Keppler his wife by deed recorded in the Erie County Clerk's Office in Uber 7273 of Deeds at page 119; running thence westerly along the north line of Lot No. 41, 1695.66 feet more or less to the Bank of Eighteen Mile Creek; thence southerly along the Bank of Eighteen Mile Creek to the north line of lands conveyed to William Pound by deed recorded in the Erie County Clerk's Office in Uber 3 of Deeds at page 148; thence easterly along the north line of lands so conveyed to Pound by deed aforesaid 1712.64 feet more or less to the westerly line of lands conveyed to Basil W. DesSoye and Margaret T. DesSoye his wife by deed recorded in the Erie County Clerk's Office in Uber 7867 of Deeds at page 457 ; thence northwesterly along the westerly line of lands so conveyed to DesSoye aforesaid 169.13 feet to an angle point therein; thence northeasterly along the westerly line of lands so conveyed to DesSoye aforesaid, being along a curve to the left with a radius of 150 feet, an arc distance of 160 feet to a point therein ; thence northerly along the westerly line of lands so conveyed to DesSoye aforesaid and along the westerly line of lands conveyed to John Sedovy and Penelope G. Sedovy his wife by deed recorded in the Erie County Clerk's Office in Uber 6968 of Deeds at page 554, 150 feet to a point of curve in the westerly line of said lands of Sedovy; thence northeasterly along the westerly line of lands so conveyed to Sedovy by deed aforesaid, being along a curve to the right with a radius of 15 feet, an arc distance of 23.56 feet to a point in the south line of Deanna Drive as conveyed to the Town of Boston by deed recorded in the Erie County Clerk's Office in Uber 7585 of Deeds at page 331; thence westerly along the south line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 90 feet to a point, said point being in the north line of lands conveyed to Robert Geiger and Sally Geiger his wife by deed recorded in the Erie County Clerk's Office in Uber 7585 of Deeds at page 290; thence southeasterly along the easterly line of lands so conveyed to Geiger by deed aforesaid, being along a curve to the right with a radius of 15 feet, an arc distance of 23.56 feet to a point therein; thence southerly along the easterly line of lands so conveyed to Geiger by deed aforesaid 110 feet to the southeast corner thereof; thence westerly along the south line of lands so conveyed to Geiger by deed aforesaid 121 feet to the southwest corner thereof; thence

northerly along the westerly line of lands so conveyed to Geiger by deed aforesaid 125 feet to the south line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid; thence westerly along the south line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 255 feet more or less to the southwest corner thereof; thence northerly along the west line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 60 feet to the northwest corner thereof; thence easterly along the north line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 136 feet more or less to the southwest corner of lands conveyed to Keppler by deed aforesaid; thence northerly along the west line of lands so conveyed to Keppler by deed aforesaid 125 feet to the point of beginning.

EXCEPTING AND RESERVING THEREFROM on the south line thereof a parcel of land sufficiently large to enclose all the graves now occupied by a 1/4 acre graveyard.

BY ORDER OF THE TOWN OF BOSTON
TOWN BOARD
Sandra L. Quinlan, Town Clerk
An Equal Opportunity Provider & Employer

**PUBLIC HEARING
NOTICE TO THE CITIZENS OF THE
TOWN OF BOSTON**

A Public Hearing will be held on **October 16, 2024 at 7:40 PM** Eastern Prevailing Time at the Boston Town Hall, 8500 Boston State Road, Boston, New York regarding the use of Federal Community Development Funds in the Town of Boston.

The Town of Boston is eligible for a Federal Community Development Grant under Title 1 of the Housing and Community Development Act of 1974, as amended.

The purpose of the hearing is to provide an opportunity for citizens to express community development and housing needs and to discuss possible projects, which would benefit low and moderate-income persons in the Town of Boston.

Citizens are urged to attend this meeting to make known their views and/or written proposals on the Town of Boston's selection of potential projects to be submitted for possible funding by the Federal Community Development Program.

The hearing will also present a review of prior Community Development projects and expenditures and a discussion of eligible activities.

DATED: OCTOBER 2, 2024

PUBLISHED: OCTOBER 4, 2024

BY ORDER OF THE TOWN BOARD

SANDRA L. QUINLAN, TOWN CLERK

An Equal Opportunity Provider & Employer

**PUBLIC NOTICE
TOWN OF BOSTON
NOTICE OF HEARING
UPON TENTATIVE BUDGET**

NOTICE IS HEREBY GIVEN that the Tentative Budget of the Town of Boston for the fiscal year beginning January 1, 2025 has been completed and filed in the office of the Town Clerk, where it is available for inspection by any interested person during regular office hours.

FURTHER NOTICE IS HEREBY GIVEN that the Boston Town Board will hold a public hearing and review said Tentative Budget at the Boston Town Hall, 8500 Boston State Road, at 7:45 PM Eastern Prevailing Time, on October 16, 2024 and at such hearing any person may be heard for or against the Tentative Budget as compiled or any items contained therein.

Pursuant to Section 103 of the Town Law, the proposed salaries of the following elected town officers are: Supervisor \$ 47,436, Town Clerk \$ 58,070, (4) Councilman \$ 10,033, Superintendent of Highways \$ 83,048, (2) Town Justice \$23,236. An exemption report is available.

Dated: September 30, 2024

Published: October 4, 2024

BY ORDER OF THE TOWN BOARD

Sandra L. Quinlan, Town Clerk

This Institution is an equal opportunity provider and employer

TOWN OF BOSTON – RESOLUTION NO. 2024 - 64

APPROVAL OF DEANNA DRIVE EXTENSION SUBDIVISION LIGHTING DISTRICT

WHEREAS, a written Petition to Create Lighting District (“Petition”) has been presented to the Boston Town Board, duly dated August 5, 2024 and verified to contain the required signatures and having been filed with the Town Clerk of the Town of Boston, County of Erie, New York, for the Establishment of the Deanna Drive Extension Subdivision Lighting District, and

WHEREAS, the boundaries of said Lighting District are described in Exhibit “A” and are as shown on Exhibit “B” of the Petition, and

WHEREAS, a Resolution was duly adopted by the Town Board on October 2, 2024, reciting the filing of said Petition, the boundaries of the proposed lighting district, the improvements proposed and the cost thereof, and specifying October 16, 2024 at 7:30 p.m. at the Town Hall, 8500 Boston State Road, in the Town of Boston, New York, as the date, time and place where the said Board would hold a public hearing to consider the Petition and to hear all persons interested in the subject matter thereof concerning the same; and

WHEREAS, such Resolution was duly posted and published as required by law; and

WHEREAS, a public hearing on the matter was duly held by the Town Board on October 16, 2024, where discussion of the matter was had, and all persons interested were given the opportunity to be heard; and

WHEREAS, pursuant to Town Law Section 194(6), the approval of the State Comptroller is not required since the entire burden of the financing of the proposed district is to be borne by the Petitioner, and there is to be no financing to be borne by the Town; and

NOW, THEREFORE, BE IT RESOLVED, that: (a) the Petition is signed and acknowledged as required by law and is otherwise sufficient; (b) all property and property owners within the limits of the proposed district are benefited thereby; (c) all property owners benefited thereby are included within the limits of the proposed district; and (d) it is in the public interest to grant in whole the relief sought; and it is further

RESOLVED, that the District in the Town, as proposed in the Petition, be and the same is hereby approved, and that the said Deanna Drive Extension Subdivision Lighting District include the property bounded and described as set forth in **Schedule “A”** annexed hereto and made a part hereto; and it is further

RESOLVED, that the total cost of the improvements to be constructed within the boundaries of the said Deanna Drive Extension Subdivision Lighting District shall be borne by the Petitioner at no cost to the Town; and it is further

RESOLVED, that the Town Clerk shall, within ten (10) days after adoption of this Resolution, file certified copies thereof in duplicate in the Office of the Department of Audit and

Control at Albany, New York, and record a certified copy in the Office of the Clerk of the County of Erie.

On October 16, 2024, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Councilmember Cartechine	[]	[]	[]	[]
Councilmember Lucachik	[]	[]	[]	[]
Councilmember Martin	[]	[]	[]	[]
Councilmember Selby	[]	[]	[]	[]
Supervisor Keding	[]	[]	[]	[]

Sandra L. Quinlan, Town Clerk



August 5, 2024

Sarah desJardins, Planning Consultant
Town of Boston Town Hall
8500 Boston State Road
Boston, New York 14025

Re: Extension of Deanna Drive Clustered Residential Subdivision
Town of Boston Planning Board
Applicant: Wetzl Development LLC
File No. 10011.14

Dear Sarah:

Pursuant to our conversation, enclosed is a signed and notarized original of the Petition to Create a Lighting District dated today with attached Exhibits A and B.

Final Plat Condition No. 14 requires the Project Sponsor imposed by the Planning Board on October 11, 2022 requires the Project Sponsor to submit a written request to the Town Board for creation a Lighting District consisting of the Project Site and as such the enclosed Petition to Create a Lighting District satisfies Final Plat Condition No. 14.

Please feel free to contact me at 510-4338 or via e-mail at shopkins@hsmlegal.com if you have any questions.

Sincerely,

HOPKINS SORGI & MCCARTHY PLLC

A handwritten signature in black ink, appearing to read "Sean W. Hopkins".

Sean W. Hopkins, Esq.

Enc.

cc: Glenn Wetzl, Wetzl Development LLC [Via mail]
Patrick Sheedy Jr., P.E., Carmina Wood Design [Via e-mail]
Ryan McCarthy, Esq. [Via e-mail]

HOPKINS SORGI & MCCARTHY PLLC

Attorneys at Law

5500 Main Street, Suite 343 • Williamsville, New York 14221

Direct: 716-510-4338 • E-mail: shopkins@hsmlegal.com • www.hsmlegal.com

PETITION TO CREATE LIGHTING DISTRICT

TO THE TOWN BOARD OF THE TOWN OF BOSTON COUNTY OF ERIE, NEW YORK

The undersigned, being the owner(s) of taxable real property located in the proposed Lighting District, to be known as Lighting District No. ____, owning in aggregate at least one-half of the assessed value of the taxable real property located in the proposed Lighting District as shown upon the latest assessment roll of the Town of Boston, and including the resident owners owning at least one-half of the of the taxable real property owned by residents owners of the taxable real property located in the proposed Lighting District as shown upon the latest assessment roll of the Town of Boston, do hereby petition the Town Board of the Town of Boston as follows:

1. Petitioner proposed pursuant to Town Law Article 12, that the Town Board establish a lighting District in the Town in the territory with boundaries described within the legal description attached hereto at **Exhibit "A"**.
2. Said territory is located wholly in the Town of Boston and is outside of any city or incorporated village.
3. Attached hereto at **Exhibit "B"** is a copy of the Subdivision Map of Deanna Drive Extension Subdivision, as recorded at the Erie County Clerk's Office on December 7, 2023, showing the boundaries of the proposed lighting district. The Deanna Drive Extension Subdivision consists of Sublots 1-34.
4. No funds are to be expended by the Town of Boston for the construction of lighting improvements within the proposed lighting district.
5. The proposed lighting district will provide benefits to the owners of real property located within the boundaries of the proposed lighting district since it will allow street lighting to be provided for safety purposes within Deana Drive Extension Subdivision.
6. The assessed value of all taxable real property situated in the proposed lighting district, as such valuations appear upon the latest completed assessment roll of the Town is \$116,000.00. The assessed valuation of all the taxable real property situated in the proposed lighting district, owned by resident owners, as such valuations appear upon the latest completed assessment roll of the Town is \$0.00. The petitioner is the owner of all of the real property situated in the proposed lighting district, which property according to the latest completed assessment roll of the Town shows the assessed valuations respectively set out next to the name of the petitioner as follows:

**Names and Addresses of Nonresident Petitioners
Owning Property in Proposed Lighting District**

**Assessed Valuation
of Property Owned**

Deanna Drive LLC, 7071 Liebler Road, Colden, NY 14033

\$116,000

**Names and Addresses of Resident Petitioners
Owning Property in Proposed Lighting District**

**Assessed Valuation
of Property Owned**

Not Applicable

Not Applicable

WHEREFORE, Petitioners respectfully request that the Town Board of the Town of Boston establish the lighting district described above and that a public hearing be held according to law.

Date: August 5, 2024

DEANNA DRIVE LLC

Signature: 

Name: Glenn P. Wetzl

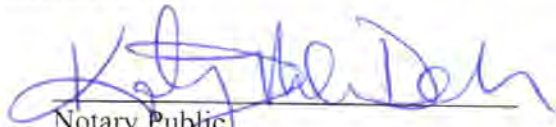
Title: Managing Member

STATE OF NEW YORK)

ss:

COUNTY OF ERIE)

On this 5th day of August, in the year 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared Glenn P. Wetzl, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.


Notary Public

Katlynn Nicole Dehr
Notary Public, State of New York
Registration No. 01DE6369988
Qualified in Erie County
Commission Expires 02/05/2025

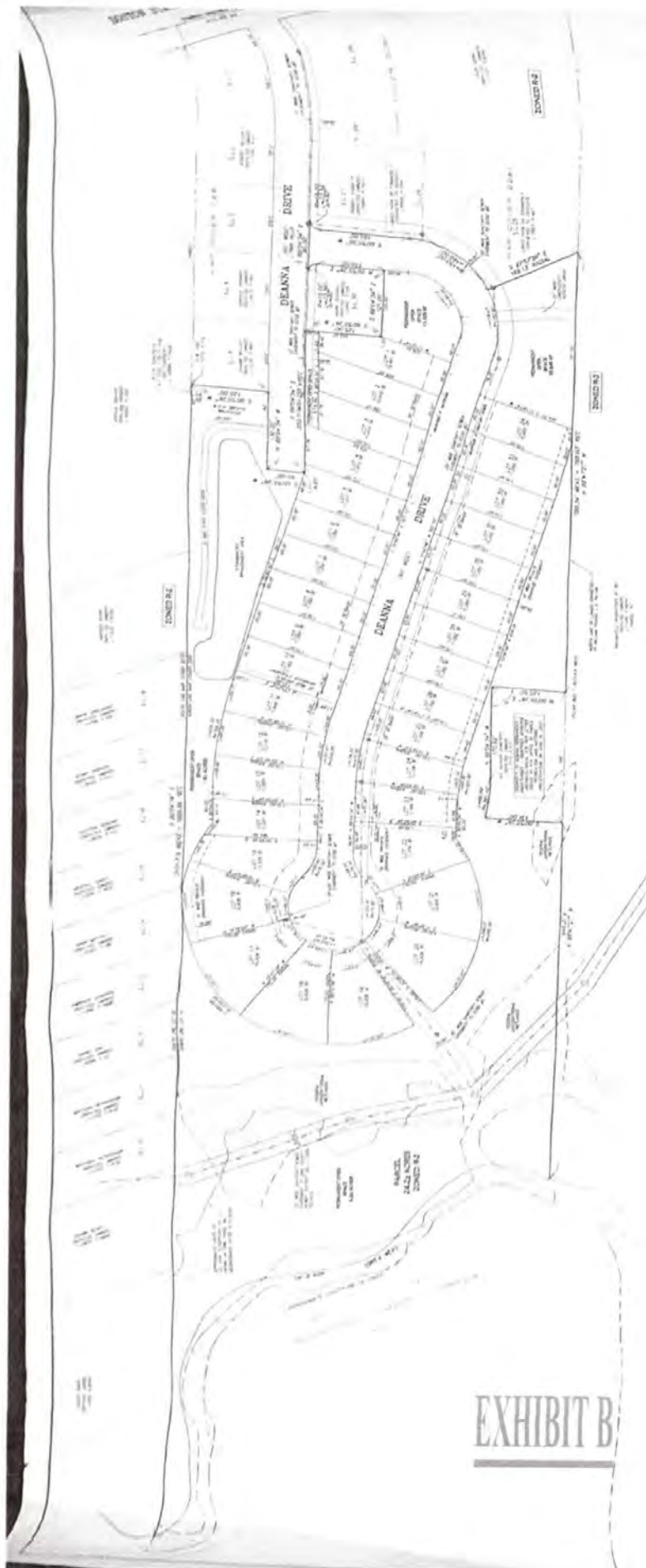
EXHIBIT A

METES AND BOUNDS LEGAL DESCRIPTION THE SUBJECT PARCEL

ALL THAT TRACT OR PARCEL OF LAND situate in the Town of Boston, County of Erie and State of New York, being part of Lot No. 14, Township 8, Range 7 of Holland Land Company's Survey, described as follows:

BEGINNING at a point in the north line of Lot No. 14, 580 feet west of the westerly line of the Hamburg-Springville Road (Route 219), said point being the northwest corner of lands conveyed to Frederick R. Keppler and Joyce A. Keppler his wife by deed recorded in the Erie County Clerk's Office in Uber 7273 of Deeds at page 119; running thence westerly along the north line of Lot No. 41, 1695.66 feet more or less to the Bank of Eighteen Mile Creek; thence southerly along the Bank of Eighteen Mile Creek to the north line of lands conveyed to William Pound by deed recorded in the Erie County Clerk's Office in Uber 3 of Deeds at page 148; thence easterly along the north line of lands so conveyed to Pound by deed aforesaid 1712.64 feet more or less to the westerly line of lands conveyed to Basil W. DesSoye and Margaret T. DesSoye his wife by deed recorded in the Erie County Clerk's Office in Uber 7867 of Deeds at page 457; thence northwesterly along the westerly line of lands so conveyed to DesSoye aforesaid 169.13 feet to an angle point therein; thence northeasterly along the westerly line of lands so conveyed to DesSoye aforesaid, being along a curve to the left with a radius of 150 feet, an arc distance of 160 feet to a point therein; thence northerly along the westerly line of lands so conveyed to DesSoye aforesaid and along the westerly line of lands conveyed to John Sedovy and Penelope G. Sedovy his wife by deed recorded in the Erie County Clerk's Office in Uber 6968 of Deeds at page 554, 150 feet to a point of curve in the westerly line of said lands of Sedovy; thence northeasterly along the westerly line of lands so conveyed to Sedovy by deed aforesaid, being along a curve to the right with a radius of 15 feet, an arc distance of 23.56 feet to a point in the south line of Deanna Drive as conveyed to the Town of Boston by deed recorded in the Erie County Clerk's Office in Uber 7585 of Deeds at page 331; thence westerly along the south line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 90 feet to a point, said point being in the north line of lands conveyed to Robert Geiger and Sally Geiger his wife by deed recorded in the Erie County Clerk's Office in Uber 7585 of Deeds at page 290; thence southeasterly along the easterly line of lands so conveyed to Geiger by deed aforesaid, being along a curve to the right with a radius of 15 feet, an arc distance of 23.56 feet to a point therein; thence southerly along the easterly line of lands so conveyed to Geiger by deed aforesaid 110 feet to the southeast corner thereof; thence westerly along the south line of lands so conveyed to Geiger by deed aforesaid 121 feet to the southwest corner thereof; thence northerly along the westerly line of lands so conveyed to Geiger by deed aforesaid 125 feet to the south line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid; thence westerly along the south line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 255 feet more or less to the southwest corner thereof; thence northerly along the west line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 60 feet to the northwest corner thereof; thence easterly along the north line of Deanna Drive as conveyed to the Town of Boston by deed aforesaid 136 feet more or less to the southwest corner of lands conveyed to Keppler by deed aforesaid; thence northerly along the west line of lands so conveyed to Keppler by deed aforesaid 125 feet to the point of beginning.

EXCEPTING AND RESERVING THEREFROM on the south line thereof a parcel of land sufficiently large to enclose all the graves now occupied by a 1/4 acre graveyard.

[illegible]

It is not that students of history have been

FILED
DEC 07 2007
FBI - NEW YORK

Page 5 of 10

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Abstracts included

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DEANNA DRIVE EXTENSION

A REVISION OF PART OF MAP (CODE) PART OF LOT 14, TOWNSHIP 6, RANGE 6

WILLIAM AND COMPANY, BOSTON, MASS.

CHI DEBUTTA

6P
 ATTORNEYS AT LAW
 10000 W. 10th Avenue, Suite 1000
 Denver, CO 80202
 (303) 733-8800
 www.mccoy.com

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(continued)

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TOWN OF BOSTON – RESOLUTION 2024-65

**ERIE COUNTY 2025-2026 COMMUNITY DEVELOPMENT BLOCK GRANT
REQUEST**

WHEREAS, the Town of Boston seeks to participate in the 2025-2026 Erie County Community Development Block Grant Program, and

WHEREAS, the Town of Boston held a public hearing for comments on proposed projects for the 2025-2026 CDBG funding cycle on October 16, 2024, and

WHEREAS, a few projects were brought up and the Town Board has agreed to submit one grant application for the 2025-2026 funding cycle, and

WHEREAS, the Town will provide no less than 5% matching funds for the 1st Priority Project,

NOW, THEREFORE BE IT RESOLVED, that the Boston Town Board submits the following projects to be considered for funding by the Erie County Community Development Block Grant Program during the 2025-26 grant cycle:

1st Priority - Rural Transit Service; and

BE IT FURTHER RESOLVED, that the Boston Town Board authorizes the Town Supervisor to sign, submit and execute a Contract(s) with Erie County Community Development Block Grant (CDBG) Program for the cited project upon approval of the CDBG application.

This resolution shall take effect immediately.

On October 16, 2024, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Councilmember Cartechine	[]	[]	[]	[]
Councilmember Lucachik	[]	[]	[]	[]
Councilmember Martin	[]	[]	[]	[]
Councilmember Selby	[]	[]	[]	[]
Supervisor Keding	[]	[]	[]	[]

Sandra L. Quinlan, Town Clerk

TOWN OF BOSTON – RESOLUTION NO. 2024-66

**AUTHORIZATION TO ENTER INTO PROFESSIONAL SERVICES AGREEMENT
WITH LABELLA FOR CREATION OF DESIGN & CONSTRUCTION DOCUMENT**

WHEREAS, pursuant to Town Law § 20(2)(b), the Town of Boston may contract with an engineering services firm to give it such professional service and advice as it may require; and

WHEREAS, due to the growing number of development and improvement projects within the Town of Boston, it is the desire of the Town Board to develop a specifications document for the design and construction of improvement initiatives, and

WHEREAS, LaBella Associates submitted a proposal dated July 24, 2024 to develop a specifications document for the design and construction of municipal improvement projects in the Town of Boston; and

NOW, THEREFORE BE IT

RESOLVED, that the Supervisor hereby is authorized, on behalf of the Town of Boston, to enter into a professional services agreement with LaBella Associates to develop a specifications document for the design and construction of municipal improvement projects in the Town of Boston per the proposal dated July 24, 2024 for a fee not to exceed \$5,800.00.

On October 16, 2024, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Councilmember Cartechine	[]	[]	[]	[]
Councilmember Lucachik	[]	[]	[]	[]
Councilmember Martin	[]	[]	[]	[]
Councilmember Selby	[]	[]	[]	[]
Supervisor Keding	[]	[]	[]	[]

Sandra L. Quinlan, Town Clerk

July 24th, 2024

Supervisor Jason Keding
Town of Boston
8500 Boston State Road
Boston, NY 14025

**RE: Specifications for the Design and Construction of Municipal Improvement Projects for the Town of Boston, New York
LaBella Proposal No. P2404864**

Dear Supervisor Keding:

LaBella Associates, DPC is pleased to submit the following proposal to provide Professional Services to the Town of Boston to develop a specifications document for the design and construction of municipal improvement projects. This proposal outlines our understanding of the project, proposed scope of work, and associated fees.

PROJECT UNDERSTANDING

Due to the growing number of development and improvement projects, the Town has requested a proposal to develop a specifications document for the design and construction of municipal improvement initiatives. The specifications document will be based off the Town of Tyre, New York's "*Design and Constructions Standards for Land Development (2019)*" document (**Attachment A**) that reviewed with the Town at a "Planning and Construction Workshop" meeting hosted by LaBella for the Town of Boston on June 20th, 2024.

These standards will be prepared to provide guidelines for, and control over, the development of land within the Town of Boston, Erie County, New York. The intent is to assure proper design and construction of facilities which will be dedicated to the Town, and to assure that development is compatible with the long-range development plans of the Town. It is the intent of these standards to conform with the Code of the Town of Boston, or general control of development by the Town Board and Planning Board, and it is intended to supplement such policies by providing the technical details necessary to carry out general policy. These standards do not include control over building design or construction. These matters are covered elsewhere by Boston Town Code.

SCOPE OF SERVICES

LaBella's Civil Engineering team will use the Town of Tyre's "Design and Construction Standards for Land Development (2019)" as the foundation to create a similar document for the Town of Boston. Our team will carefully review and update it to align with and meet the standards and specifications of Boston's town code. Specifications for the Design and Construction of Municipal Improvement Projects" will be divided into three sections:

- **Section 1** is entitled **Design Standards** and provides a guide for Developers' Engineers in the preparation of plans and other information for the development of land.



- **Section 2** is entitled **Construction Standards** and provides the construction specifications. Developers and their Engineers are responsible that their Contractors follow these Specifications in constructing dedicated facilities.
- **Section 3** is entitled **Standard Details** and provides detail drawings that supplement the Construction Standards.

Deliverables:

- Project Kick-off Meeting
- Draft Specifications for the Design and Construction of Municipal Improvement Projects document
- Draft document review meeting with Town officials
- Final Specifications for the Design and Construction of Municipal Improvement Projects document

Assumptions:

- LaBella will utilize the Town of Tyre's "Design and Construction Standards for Land Development (2019) as the foundation for the development of the document. Updates and modifications will be made to comply with the Town Code for Boston, New York
- Town of Boston representatives will be available to meet with and review the draft and final report

SCHEDULE

Upon receipt of approval, LaBella will begin work on the project. We anticipate that a project kick-off meeting will be scheduled within 1 week of project initiation. A draft Specifications for the Design and Construction of Municipal Improvement Projects document will be presented to the Town for review and discussion approximately four (4) weeks after project kick-off. The final document will be delivered in electronic format to the town approximately two (2) weeks after.

PROPOSED FEE

Total fee for the items described above (not to exceed): **\$5,800**

If you have any questions or require further clarification, please do not hesitate to contact me directly at (716) 768-3411 or via e-mail at kwinkler@labellapc.com. We appreciate the opportunity to serve the Town of Boston and look forward to working with you on this project.

Respectfully submitted,
LaBella Associates

Kristopher Winkler PE
Senior Civil Engineer/Team Leader



ATTACHMENT A

Town of Tyre, New York's "Design and Constructions Standards for Land Development (2019)"



DESIGN AND CONSTRUCTION STANDARDS FOR LAND DEVELOPMENT

July 2019



300 STATE STREET, ROCHESTER, NEW YORK 14614 (585) 454-6110

TOWN OF TYRE, SENECA COUNTY, NEW YORK
DESIGN AND CONSTRUCTION STANDARDS FOR LAND DEVELOPMENT

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INTRODUCTION

These Standards have been prepared to provide guidelines for, and control over, the development of land within the Town of Tyre, Seneca County, New York.

The intent is to assure proper design and construction of facilities which will be dedicated to the Town, and to assure that development is compatible with the long range development plans of the Town.

It is the intent of these Standards to conform with the Code of the Town of Tyre or general control of development by the Town Board and Planning Board, and it is intended to supplement such policies by providing the technical details necessary to carry out general policy.

These Standards do not include control over building design or construction. These matters are covered elsewhere by Tyre Town Code.

These Standards are divided into THREE Sections as follows:

Section 1 is entitled Design Standards and provides a guide for Developers' Engineers in the preparation of plans and other information for the development of land.

Section 2 is entitled Construction Standards and provides the construction specifications. Developers and their Engineers are responsible that their Contractors follow these Specifications in constructing dedicated facilities.

Section 3 is entitled Standard Details and provides detail drawings that supplement the Construction Standards.

SECTION 1.0 DESIGN REQUIREMENTS

SECTION 1.0 DESIGN REQUIREMENTS

1.1 GENERAL

The development of land shall conform with zoning regulations established by the Town. It shall also conform with all appropriate laws, rules, and regulations established by all governing bodies having or claiming jurisdiction over various phases of the development.

Where these Standards impose greater restrictions than are imposed by the provision of any law, ordinance, regulation or private agreement, these Standards shall control. Where greater restrictions are imposed by any law, ordinance, regulation, or private agreement than are imposed by these Standards, such greater restrictions shall apply.

1.2 REFERENCES TO OTHER SPECIFICATIONS

References to other standards and specifications shall mean that the applicable portions thereof shall be followed as if the specifications were actually incorporated in these Standards. It shall be understood that such references shall be to the latest edition or revision thereof, including all addenda.

1.3 RESPONSIBILITY FOR DESIGN

Developers are responsible for providing sound engineering design of all facilities, subject to review by the Town. The design shall be prepared by a New York State licensed professional engineer and/or land surveyor experienced in the design of such facilities. Design information, engineering reports, plans and specifications shall provide the information required by these Standards and additional information that may be required by the Planning Board.

Boundary surveys shall be performed and certified by a licensed land surveyor.

All revisions to the originally submitted Plans and Reports shall be noted and dated by the Developer's Engineer on the revised Plans and Reports before they are resubmitted for further review.

1.4 TOWN ROAD CROSSINGS

Open cutting of Town roads for installation of underground utilities is not allowed unless an exception is granted by the Town Highway Superintendent.

1.5 WATER DISTRIBUTION SYSTEM

1.5.1 GENERAL

Public water supply shall be provided wherever existing water mains are reasonably accessible in the opinion of the Planning Board.

Only those developments that cannot be served by extension of public water systems may be designed with individual wells. The Developer is responsible for obtaining approval for individual wells from the NYS Department of Health.

1.5.2 PUBLIC WATER SYSTEMS

Design shall conform to the following standards supplemented and superseded by additional requirements as listed.

1. Recommended Standards for Water Works - Policies for the Review and Approval of Plans and Specifications for Public Water Supplies (Ten-State Standards).

1.5.3 INDIVIDUAL WELLS

Design shall conform to the following standards supplemented and superseded by additional requirements as listed.

1. Rural Water Supply, by NYS Department of Health.
2. Where wells are proposed on lots with individual subsurface sewage disposal systems, soils data for the full depth of proposed wells and detailed plans shall be submitted to indicate how pollution of the wells will be prevented.
3. A well for a residential lot shall be developed from a water-bearing formation at a depth greater than 20 feet below the ground surface, have sustained yield of not less than 5 gallons per minute, and provide a pressure of at least 20 psi at ground level at the entry point into the house.
4. A note shall be included on the plans requiring that the well driller's report, in the form required by the Town, be submitted to the Town before a building permit is issued.
5. A note shall be included on the plans requiring that wells be sampled for adequate quantity and required quality of potable water and that a laboratory report be submitted to the Town before a building permit is issued.
6. Sampling and analytical methods to determine compliance with Drinking Water Standards shall be in accordance with NYS Department of Health requirements.

1.6 SANITARY SEWER SYSTEMS

1.6.1 GENERAL

Public sanitary sewers shall be provided wherever existing sanitary sewers are reasonably accessible in the opinion of the Planning Board.

Only those developments that cannot be served by extension of public sanitary sewers may be designed with individual sewage disposal systems. The Developer is responsible for obtaining approval for such systems from regulatory agencies.

1.6.2 PUBLIC SANITARY SEWER SYSTEMS

Design shall conform to the following standards supplemented and superseded by additional requirements as listed:

1. Recommended Standards for Sewage Works, by Great Lakes-Upper Mississippi River Board of State Sanitary Engineers. (Ten-State Standards).
2. Materials shall be in accordance with Section 2. Construction Standards and construction shall conform to Section 3. Standard Details.
3. Manholes shall be spaced at intervals not greater than 300 feet.

4. Depths of sewers shall be sufficient to serve basements of all houses in the development.
5. The minimum inside diameter of manholes shall be 48-inches for 8" through 12" sewers and 60-inches for sewers larger than 12 inches.
6. A drop of 0.1 foot shall be provided through each manhole for all changes in horizontal alignment.
7. Building sewers shall be 4 inch diameter minimum, at a minimum slope of 1/4-inch per foot.
8. Cleanouts shall be provided for building sewers at the right-of-way or back of any public easement line, at all horizontal bends and at a maximum separation distance of 100 feet.
9. A vertical separation of two (2) feet shall be provided between parallel sanitary sewers and storm sewers to provide clearance for crossing of building sewers and drains.
10. Pumping stations and force mains shall be designed to conform to Ten-State Standards, and to NYSDEC and Town of Tyre requirements.
11. Pump station wet wells shall be minimum 5-foot diameter.

1.6.3 INDIVIDUAL DISPOSAL SYSTEMS

Design shall conform to the following standards supplemented and superseded by additional requirements as listed.

1. Standards for Waste Treatment Works Institutional and Commercial Sewage Facilities, by NYS Department of Environmental Conservation.
2. Appendix 75-A, Wastewater Treatment Standards – Residential Onsite Systems (10NYCRR 75-A).
3. Individual sewage disposal systems shall not be used in any development with more than 49 lots.
4. The Planning Board may require design and installation of house plumbing for future public sanitary sewer connection.
5. Two (2) percolation tests and a deep hole shall be provided within each proposed absorption field area.
6. Soils which have any percolation test results faster than 5 minutes per inch for any lots shall not be used for absorption fields and seepage pits, unless the results are evaluated and approved by the Planning Board.
7. Minimum distance between the bottom of the absorption system or seepage pit and seasonal high groundwater level, bedrock or impervious layer shall be not less than 4.0 feet.

8. Seepage pits shall not be used if soil and site conditions are adequate for absorption trenches.
9. An additional 50% of the required absorption field area shall be available for future expansion and replacement. Such area shall be shown on the drawings.
10. Minimum total length of absorption trench shall be 200 feet.
11. Where percolation rates exceed 60 minutes per inch, subsurface disposal systems shall not be allowed. In extreme cases for a single lot development, where the lot size exceeds 5.0 acres and the lot dimensions allow all parts of the sewage disposal system to be located 100 feet or more from any lot line, the Developer may apply to the NYS Department of Health for approval to use an alternative system of special design.

12. Ground Water Protection Program Requirements.

- 12.1. Results from percolation and deep hole tests shall be shown on the drawings and one such percolation test and deep hole test shall be performed within a 200 foot radius of each on-site sewage disposal system proposed.
- 12.2. Depth to seasonal high groundwater shall be determined at the location of each deep hole test from direct measurement, from US Soil Conservation Service data, or from other published data. The source of the data must be cited in the Engineer's Report.
- 12.3. The Engineer's Report shall contain an estimate of the average gradient (in percent) of the groundwater table towards (+) or away from (-) the nearest point of water use or the nearest surface water body such as a stream, pond, lake, or wetland in the vicinity of each deep test pit location. An estimate shall also be made of the distance from the deep test pit location to the nearest point of water use or nearest surface water body.
- 12.4. The Engineer's Report shall address the potential for groundwater quality degradation due to subsurface sewage disposal in the vicinity of the test pit locations. This shall be done using procedures for the Soil-Site-Waste Interaction Matrix, the Surface Impoundment Assessment, and the DRASTIC empirical assessment methodologies in Appendix "B" of the Groundwater Protection Program.

In the case where this preliminary analysis indicates that subsurface sewage disposal at the site has a moderate to high potential to cause groundwater quality degradation, the Town Engineer will likely require additional data in order to determine if the site is suitable for subsurface sewage disposal.

- 12.5. As a minimum, the additional data, if required, shall consist of test borings, with detailed boring logs, sufficient in number and location, as approved by the Town Engineer, to determine the gradient, thickness, and hydraulic conductivity of the shallowest saturated zone (aquifer) underlying the site.

Based on the above information, the Developer's Engineer shall submit dilution calculations of expected nitrate pollution at the property boundary.

- 12.6. On the basis of this additional data, the Town Engineer may determine that the site is suitable, is suitable with specific conditions, or that the site does not appear to be suitable for subsurface sewage disposal. In the later case, additional detailed modeling of groundwater flows and pollutant dispersion may be submitted by the applicant in order to demonstrate that the site is appropriate for subsurface sewage disposal and that such an activity will not cause an unacceptable degradation in groundwater quality.

1.7 STORM DRAINAGE SYSTEMS

1.7.1 GENERAL

Storm drainage systems shall be provided to convey stormwater runoff from within the development and from the upland watershed area along natural direction of drainage.

Drainage facilities shall include the green infrastructure practices, street drainage system, a system of back-lot-line drainage swales, main drainage channels through the development, and stormwater detention facilities.

Generally, preservation and improvement of natural streams, channels and swales within the development is preferable to the construction of new drainage channels, and whenever practicable, such watercourses shall be preserved.

The preservation and improvement of streams and channels downstream of the proposed development shall be required whenever such watercourses are subject to potential overflow, erosion or siltation as a result of runoff from the development.

1.7.2 DESIGN STANDARDS

Design of drainage facilities shall conform to the following standards supplemented and superseded by additional requirements as listed:

1. Urban Hydrology for Small Watersheds, Technical Release No. 55 by Soil Conservation Service, U.S. Department of Agriculture.
2. New York State Standards for Erosion and Sediment Control by New York State Department of Environmental Conservation New York.
3. State Stormwater Management Design Manual by NYSDEC.
4. Materials shall be in accordance with Section 2. Construction Standards.
5. Manholes shall be spaced at intervals not greater than 300 feet.
6. Minimum size of storm sewers shall be 12-inch diameter pipe, except as otherwise permitted by these Standards.
7. Minimum velocity in storm sewers shall be 3 feet per second when flowing full.

8. Storm sewers shall be designed with uniform grade and straight alignment between manholes, outlets, and drop inlets.
9. Drop inlets shall be located at intervals not greater than 300 feet, at low points, and at street intersections.
10. Drop inlet connections between drop inlets shall be a minimum of 12" inch diameter pipe, and shall be connected from the drop inlet to the manhole with a minimum of 12" inch diameter pipe.
11. Building drains shall be 4-inch diameter minimum, at a minimum slope of 1/4-inch per foot.
12. Minimum inside diameter of manholes shall be 48-inches for 12" through 18" pipe, 60-inches for 21" through 30" pipe, and 72-inches for 33" through 42" pipe.
13. All three-way manholes shall be 60-inch inside diameter or greater depending on size of storm sewers.
14. Swales and turf-lined channels shall be designed with slopes of not less than 1.0%.
15. Site grading should be no steeper than 1 vertical to 3 horizontal.

1.7.3 HYDROLOGIC DESIGN

Storm sewers and other drainage facilities for drainage areas up to 1,000 acres shall be based on a design flow with a minimum return interval of 10 years.

The design of drainage facilities for larger drainage areas and for natural watercourse channels shall be based on the drainage area according to the following:

<u>Drainage Area</u>	<u>Return Interval</u>
1000 acres to 4 sq miles	25 years
4 sq miles to 20 sq. miles	50 years
20 sq miles and above	100 years

1.7.4 GREEN INFRASTRUCTURE

The following green infrastructure practices shall be considered for use on a case-by-case basis to avoid, reduce and manage the impacts that occur during development, in an effort to meet the runoff reduction requirements noted in the New York State Stormwater Management Design Manual (NYSSMDM). All proposed green infrastructure designs must conform to the requirements listed in the current version of the NYSSMDM.

Preservation of Undisturbed Areas

Preservation of Buffers

Reduction of Clearing and Grading

Locating Development in Less Sensitive Areas

Open Space Design
Soil Restoration
Driveway Reduction
Cul-de-sac Reduction
Building Footprint Reduction
Parking Reduction
Sheet flow to riparian buffers or filter strips
Vegetated open swale
Tree Planting / Tree Box
Disconnection of rooftop runoff
Stream daylighting for redevelopment projects
Rain Garden
Green Roof
Stormwater Planter
Rain Tank / Cistern
Porous Pavement

1.7.5 STORM SEWERS AND CHANNELS

Storm sewers and channels shall be designed to convey the anticipated runoff from within the development as well as all future development from the upstream or upland watershed area.

For drainage areas of 100 acres or less, runoff within the development shall be computed by the Rational Method, using the 10-year storm. Time of concentration to first inlet shall be taken as not more than 15 minutes.

For drainage areas larger than 100 acres and for major channels or piping systems conveying stormwater through the development, the design shall be based on the Soil Conservation Service Method using the appropriate storm return interval.

1.7.6 OPEN CHANNELS

Only natural drainage channels may be continued as open channels. Street drainage systems for major subdivisions shall be designed with storm sewers.

1.7.7 DETAILS OF HYDRAULIC STRUCTURES

Complete and sufficient details of hydraulic structures shall be submitted as part of the plans. This includes, but is not limited to, cross-sections of drainage channels, erosion control facilities, special manholes, and all such other items as may be necessary to establish fully the methods and materials to be followed in construction.

1.7.8 SURCHARGING OF DRAINAGE FACILITIES

Storm drainage systems shall be designed so that surcharging will not cause backup or flooding of basements. The effect of a 25-year storm shall be studied by calculating the

high water elevation, and evaluating the operation of the storm drainage and detention facilities under such flows.

1.7.9 BUILDING AND LOT STORM DRAINAGE

1.7.9.1 Finished Grade Adjacent to Buildings

Finished grade adjacent to building walls shall be a minimum one (1) foot higher than the edge of pavement for standard subdivision development. In minor developments where front setbacks exceed 150 feet and/or where natural drainage characteristics would be better utilized by draining away from the street, this requirement may be waived. In any case, provisions shall be made for positive drainage of each lot by designing a minimum grade of 2.0% away from the building to side-lot and back-lot swales, natural drainage channels, or drains.

1.7.9.2 Roof and Basement Drainage

Provisions shall be made for disposing of roof and basement drainage into the storm sewer system. Basement floors shall be at an elevation higher than the pavement to permit the street drainage system to be fully surcharged without causing backup or flooding of basements. In lieu of this, the Developer may provide that basements shall be drained with sump pumps and appropriate check valves.

In special conditions, where storm sewers are not available and topography permits, basement drainage may be conveyed to drainage swales if abutting or downstream properties will not be adversely affected. In such instances the basement floor shall be designed above the project design flood elevation to prevent backup or flooding of the basement.

1.7.9.3 Dry Wells

Dry wells shall be used for disposing roof drainage where storm sewers are not available and soil conditions are suitable.

1. Determine if soil conditions are suitable for dry well discharge. According to the New York State Stormwater Management Design Manual (NYSSMDM), dry wells shall not be accepted in soils with a tested infiltration rate of less than 0.5 inches per hour. Soils shall also have a clay content of less than 20% and a silt/clay content of less than 40%.
2. Determine distance to seasonal high groundwater level. According to the NYSSMDM, there shall be no less than 3 feet between the bottom of the dry well and seasonal high groundwater levels.
3. Determine roof area. Calculate run-off, using Rational Method, from roof area based on minimum 10-year storm.
4. Size drywell based on run-off and soil infiltration rates, considering a complete discharge of run-off volume within a 72 hour period.
5. Dry wells shall be separated a minimum of 10 feet from structures.

1.7.9.4 Restrictions

Laundry, sanitary, or kitchen wastes shall not be discharged to storm drainage systems. Drain connections from garages shall not be discharged to drainage swales.

1.7.9.5 Grading

Lots shall be graded to provide positive drainage. Runoff from uphill lots shall be conducted around and across downhill lots alongside-lot and back-lot swales.

Grading shall be designed to prevent runoff from adjacent lots draining against buildings and flowing across individual sewage disposal systems.

1.7.10 STORM WATER MANAGEMENT

Detention or retention ponds, sedimentation basins and related control measures shall be provided where in the judgment of the Town such facilities may be required for proper drainage control. The Town reserves the right to establish specific requirements for a proposed development; however, in general, runoff is limited from any development to an amount no more than the runoff from the natural, undeveloped condition, regardless of the disturbed area size.

Stormwater management facilities shall be designed to control the runoff from the developed project site to a rate not to exceed the runoff from the natural, undeveloped site for a 2- year, 10-year, and 100-year 24 hour storm considered individually. Stormwater management practices shall be designed in accordance with the current version of the New York State Stormwater Management Design Manual. The Stormwater Management Officer will review water quality volume requirements for sites with less than one acre of disturbed area.

The Town reserves the right to establish more restrictive requirements if the proposed development site caused downstream flooding even in its natural, undeveloped condition. The Town may require an impoundment area, and storm sewers and culverts of sufficient size and type to correct the existing downstream flooding conditions.

1.7.11 DETENTION AND RETENTION POND REQUIREMENTS

1. Ponds shall be designed to provide water quantity and quality control in accordance with the New York State Stormwater Design Manual.
2. Minimum freeboard above design high water level to the top of embankment shall be 1".
3. Controlled overflow structures shall be provided for flows in excess of the maximum design flow.
4. Temporary settling basins or sediment sinks shall be provided as specified under sediment control in these Standards.
5. The outlet structure shall be designed to discharge flow as a continuous function of head at a rate not to exceed runoff from the natural, undeveloped site for all flow conditions with maximum allowable flow occurring at maximum pond depth.
6. Trickle tube outlets shall include anti-vortex devices and trash racks.

7. Controlled overflows using emergency spillways shall be designed with spillway crest not less than 2 feet below the top of the pond embankment and 1 foot above design high water level.
8. Pond embankments shall be designed with minimum side slopes of 1 vertical to 3 horizontal. Seepage control collars shall be provided on piping passing through embankments.
9. Bottom of ponds shall be designed with a minimum longitudinal slope of 0.5%.

1.7.12 STORMWATER GROUND RECHARGE

In areas where positive surface stormwater disposal is not feasible, the Town may allow stormwater ground recharge.

The Developer shall retain a geotechnical engineer to provide a detailed report and plan documenting the ability of the aquifer to receive ground recharge. The report shall include soil permeability data, geologic features, and soil sampling and exploration data. Test pits and test borings shall be provided to define the limits of the aquifer where recharge is proposed.

The ground recharge facility shall include a detention facility to provide for settling of sediment and for storage. Discharge to the recharge area shall use a trickle tube or other discharge control. Additional information including details of infiltration piping and other facilities, useful life of system, and operation and maintenance costs shall be provided by the Developer.

1.8 EROSION AND SEDIMENT CONTROL

1.8.1 GENERAL

To control siltation and erosion resulting from land development, the Developer shall implement erosion and sediment control measures as required by the Town.

It is the Developer's responsibility to certify that the design and construction specifications for the erosion control measures are adequate and meet all requirements.

1.8.2 EROSION CONTROL PLAN.

The Developer shall submit an erosion control plan as part of the review process. The erosion control plan shall consist of maps and other information showing the existing features, the existing and proposed contours, and applicable erosion control methods including the following:

1. Fitting the development plan to the topography and type of soils to minimize the erosion potential.
2. Exposing the smallest practical area of land at any one time during development.
3. Providing for temporary vegetation, mulching or other soil stabilization to protect critical areas during construction.
4. Returning and protecting natural vegetation wherever possible.
5. Installing permanent final vegetation and structures as soon as practicable.

6. Providing protective measures for slopes in excess of 10% and minimizing such steep grading. Terracing of steep slopes should be considered to minimize erosion potential.
7. Providing rip-rap and stone fill at points of discharge of storm sewers into open channels, ponds and swales.
8. Completing phases of construction as quickly as possible and stabilizing disturbed areas.
9. Providing a landscaping plan and planting schedule. Ground cover shall be selected to minimize future maintenance and provide plant hardiness.

1.8.3 SEDIMENT CONTROL

All siltation and sedimentation caused by erosion due to clearing, grading and removal of vegetation or other ground cover shall be retained on-site. Use interceptor swales at the base of disturbed areas, draining to temporary settling basins with sediment sinks. The storm sewer systems shall also temporarily drain to settling basins until sufficient turf has been established on graded areas to prevent erosion.

The following guidelines shall apply in the design of settling basins and sediment sinks.

1. The design of the settling basin shall prevent short circuiting. Generally, the length of the pond shall be at least twice the width, with the inlet and the outlet at opposite ends. Entrance swales and pipes shall be designed to discharge at the bottom of the pond to prevent erosion at the entrance point.

1.8.4 STEEP SLOPES

Development in steep slope areas is subject to the guidelines as follows.

1.8.4.1 Required Information

Development proposals shall be of sufficient detail to show site grading, building site locations, drainage facilities, erosion and sedimentation control measures, stream channel improvements and location of roads.

1.8.4.2 Grading of Building Sites

Padding to provide level building sites may be designed only when sufficient information is developed to clearly demonstrate that the overall design of the site will not have an adverse environmental effect or negative appearance.

1.8.4.3 Design Principles

Design in steep slope areas shall include, but not be limited to the following principles:

1. Landscaping of areas around structures to make them compatible with the natural terrain.
2. Shaping, grouping and placement of structures to complement the natural landscape.

3. Shaping of essential grading to complement existing land forms,
4. Retaining outstanding natural features such as the highest crest of the hill, natural rock outcroppings, particularly desirable trees and vegetation, and other unique features.
5. Land within the hill area in excess of 30% slope should not be developed as individual residential lots.

1.8.5 FLOOD HAZARD CONTROL

Inundation and excessive ground water seepage shall be controlled by site grading and by the establishment of adequate elevations of buildings, building openings and roadways above the project design high water levels.

Particular care shall be used in the design of developments in the vicinity of designated flood plain areas as defined by the National Flood Insurance Program or known high groundwater problem areas. The effect of such development on upstream and downstream areas and adjacent properties shall be considered, and adequate protective measures shall be included in the design.

Proposed developments within the special Flood Hazard Area as defined by the National Flood Insurance Program shall comply with the regulations required by the Flood Insurance Program.

Development within or adjacent to flood plains shall also comply with current Town requirements and NYS Department of Environmental Conservation regulations.

1.9 ROADS AND STREETS

1.9.1 GENERAL

Roads and streets shall be provided for convenient traffic flow and circulation, and for fire safety, emergency and maintenance access. Roads, streets and driveways shall comply with the following designations:

1.9.1.1 Primary Road

Dedicated major road used to carry greater than 3,000 Average Daily Traffic (ADT) from developed neighborhoods and municipal boundaries, and all streets serving commercial and industrial developments.

1.9.1.2 Collector Road

Dedicated main road or street used to carry up to 3,000 ADT from local streets to primary or major thoroughfares, including the principal entrance streets of major developments.

1.9.1.3 Local Street

Dedicated local street used to carry up to 1,000 ADT which connects to a Primary Road or Collector Road and which provides access to abutting properties and protection from through traffic.

1.9.1.4 Dead End Street

Dedicated local street with only one means of access, used to carry up to 250 ADT.

1.9.1.5 Driveway

A driveway, as defined as both an undedicated common and an individual access point used as ingress and egress for not more than three properties which are not fronting on a dedicated road or street; the creation of a common driveway requires reciprocal easements and a common maintenance agreement.

Four (4) or more lots must be served by a drive, road or street, consistent with these Design and Construction Standards for dedicated roads and streets.

1.9.2 DESIGN STANDARDS

Major subdivisions and commercial and industrial developments require a Traffic Impact Analysis. Scope of the analysis will be determined by the Planning Board.

Design of roads, streets and driveways shall conform to the following standards supplemented and superseded by additional requirements listed in these Town Standards.

1. A Policy of Geometric Design of Highways and Streets, by American Association of State Highway and Transportation Officials (AASHTO).
2. Geometric Design Guide for Local Roads and Streets, by American Association of State Highway and Transportation Officials (AASHTO).
3. Revised Draft Guidelines for Accessible Public Rights-of-Way, by the United States Access Board.
4. Materials shall be in accordance with Section 3. Construction Standards.
5. Minimum right-of-way widths, pavement widths, road sections, and other details shall conform to Section 3. Standard Details.

1.9.3 HORIZONTAL DESIGN REQUIREMENTS

Roads and streets shall be designed to conform to the following horizontal alignment requirements:

1. Minimum radius along the centerline of horizontal curves:

Primary Roads	500 feet
Collector Roads or Streets	300 feet
Local Streets	150 feet

2. Minimum tangent along the centerline of road between horizontal curves shall be not less than 100 feet.
3. Stopping sight distance for each type of road shall be not less than:

Primary Roads	450 feet
Collector Roads or Streets	225 feet
Local Streets	150 feet

4. Dead end streets in developments with public water supply shall provide access to not more than 25 units, and shall have a turnaround at the terminal end in accordance with Section 3. Standard Details.

Length of dead end streets in subdivisions without public water supply shall be limited to 900 feet due to restrictions for fire protection.

Exceptions to the length of dead end streets may be granted at the discretion of the Planning Board in consultation with the Town Highway Superintendent, Town Engineer and the Fire Chief. Any exceptions shall be mitigated including the following:

- Provision along the dead end street for ease of access by emergency vehicles.
 - Greater front setback for properties near the dead end access.
 - Buffering along the roadway for properties near the dead end access.
 - Traffic calming design to control speeds along the dead end street, such as islands and curvilinear alignment.
5. Layout of street systems in the development shall provide for access of adjacent future developments.
 6. Temporary dead-end streets shall be provided with paved turnarounds conforming to the dimensions in Section 3. Standard Details.

1.9.4 VERTICAL DESIGN REQUIREMENTS

Roads and streets shall be designed to conform to the following vertical alignment requirements:

1. Minimum grade 0.50%.
2. Maximum grade for:

Primary Road	6.0%
Collector Road or Street	6.0%
Local Street	8.0%
Driveway	8.0%
3. Vertical curves shall be provided for all changes in grade exceeding 1.0%.
4. Minimum length of vertical curves shall be determined based on the sight distance required for each type of road.

1.9.5 INTERSECTION DESIGN REQUIREMENTS

Intersections shall be designed to conform to the following requirements:

1. Within 50 feet of intersections, streets shall be approximately at right angles and in no case shall the intersecting centerlines have an angle less than 75°.
2. Minimum pavement radius at intersections shall be not less than 30 feet.

3. Intersections of Primary Roads shall be spaced not less than 1,000 feet between centerlines.
4. Intersections of Collector Streets by other streets shall be spaced not less than 800 feet between centerlines.
5. Minimum distance between centerlines of offset streets shall be not less than 200 feet.
6. Acceleration and deceleration lanes may be required by the Town along Primary Roads at principal entrance streets of developments.
7. Leveling areas shall be provided on all sides of intersections for a minimum distance of 100 feet where the grade shall not exceed 4.0%.
8. Maximum pavement grade within intersections shall not exceed 1.0% in any direction.
9. Visibility for traffic safety shall be provided within triangular areas formed by the intersecting right-of-way lines and a sight line between points 75 feet from their intersection. There shall be no plantings or structures in these triangular areas.
10. Provide intersection lighting as required by the Planning Board.

1.9.6 GRADING AND ROADSIDE SWALES

11. Areas within road and street rights-of-way shall be graded to slopes not steeper than 1 vertical to 3 horizontal, except in residential subdivisions, where roadside swales/ditches shall not be allowed. Roadside swales steeper than 6.0%, or where soil conditions require, shall incorporate special design to control erosion.

1.9.7 ISLANDS

Islands shall not be situated in local road medians or cul-de-sacs.

1.9.8 SIDEWALKS

Sidewalks shall be provided where required by the Town for safety or convenience. Generally, sidewalks will be required along Primary Roads and along other streets near schools, or where pedestrian traffic is anticipated. The minimum width of sidewalks shall be five (5) feet.

Sidewalks shall be constructed in accordance with FHWA guidelines (Designing Sidewalks and Trails for Access), ADA Accessibility Guidelines, and NYSDOT Standard Sheet 608-01, SIDEWALK CURB RAMP DETAILS and DETECTABLE DETAILS.

1.9.9 TREES WITHIN THE RIGHT-OF-WAY

Generally, the right-of-way shall be cleared of trees and brush. Only occasional existing desirable trees should be preserved within the right-of-way if approved by the Town.

1.9.10 STREET NAMES

All streets shall be named, and the names shall be subject to the approval of the Town. Names shall be sufficiently different in sound and spelling from other street names in the Town and municipalities contiguous to the Town so as not to cause confusion.

A street which is a continuation of an existing street shall bear the same name. Relating street names to features of local historical, topographical, or other natural interest is encouraged.

1.9.11 MONUMENTS

Permanent monuments shall be provided for major subdivisions at the following locations and shall be shown on the final subdivision plat:

1. All boundary corners and angle points along street rights-of-way of the parcel being subdivided.
2. In street right-of-way boundaries at all street intersections.
3. In street right-of-way boundaries at PC and PT of horizontal curves.

Monuments are required on one side of the street only, and at only one corner of intersecting streets. Adjacent monuments shall be intervisible.

Monuments shall be tied into the NYS Coordinate System where practical in the opinion of the Town Highway Superintendent or Engineer for the Town.

1.9.12 PROPERTY CORNER MARKERS

Permanent markers shall be provided for all property corners of each lot of major and minor subdivisions, and shall be in place upon completion of final grading of the lot.

1.9.13 CONSERVATION EASEMENT MARKERS AND BOUNDARY PINS

Markers and boundary pins shall be provided for all conservation easements at the following locations and shall be shown on the final subdivision plat:

1.9.13.1 At all intersections of property lines with the conservation easement boundary.

1.9.13.2 At all angle points in the conservation easement boundary.

1.9.13.3 Along the conservation easement boundary not more than 200 feet apart.

1.9.14 ROAD DEDICATION REQUIREMENTS

1.9.14.1 Policy

All primary roads, collector roads and local streets serving a development shall be built to the appropriate Town design standards and dedicated to the Town. Common driveways serving not more than three (3) properties shall be privately owned and maintained. All driveways must be built to the appropriate design standards of the Town.

1.9.14.2 Dedication Requirements

All roads offered for dedication must set through one winter season and be monumented before dedication will be considered. Prior to any road being accepted for dedication, it must be completed in accordance with the approved plans to the satisfaction of the Engineer for the Town.

1.9.14.3 Common Driveways

This section pertains to any commonly owned means of access to not more than three (3) properties. All proposals for common driveways must be approved by the Highway Superintendent and the Planning Board and be made part of the subdivision review record. Private ownership must be clearly identified on the final subdivision map. Prior to final approval of subdivision plans, an application for a home owners association and a draft offering plan for the New York State Attorney General's Office must be filed with the Planning Board. An "exempt status" letter from the NYS Attorney General's Office may be filed in lieu of the application and offering plan. Should the commonly owned access not require a home owners association, then reciprocal easement and a maintenance agreement must be approved by the Attorney for the Town and placed in the deeds of the affected lots. A copy of the filed deed must be presented to the Building Department prior to a building permit being issued for an affected lot.

1.9.15 DEDICATION OF EXISTING PRIVATE ROADS

1.9.15.1 Matter is considered a re-subdivision and must undergo Town Planning Board review.

1.9.15.2 Matter will normally be considered a minor subdivision unless complexities require otherwise in which case, process for major subdivision applies.

1.9.15.3 All responsible officials will review the proposal and their respective approvals are required before the Planning Board will consider the final plat.

1.9.15.4 As with all other Planning Board matters, project sponsors will pay all costs (legal and engineering) associated with review of the project before dedication is accepted. If the effort is unsuccessful, then the sponsors will still be responsible for municipal review costs.

1.9.15.5 After appropriate approvals are granted, a letter of approval and any and all conditions will be forwarded to the Town Board for action. A resolution

accepting dedication must be approved by the Town Board.

1.9.16 DRIVEWAY DESIGN REQUIREMENTS

Design and location of driveways shall be in accordance with applicable Town Standards and requirements of NYSDOT Policy and Standards for Entrances to State Highways. These standards shall apply also to driveways entering on County and Town roads and streets.

1.9.16.1 Vertical Alignment

Maximum grade shall not exceed 10%.

Driveways shall slope away from the edge of road pavement at the same slope as the road shoulder, and the slope shall extend at least the full width of the shoulder so as not to create a bump or depression in the shoulder area.

1.9.16.2 Horizontal Alignment

Minimum radius along the centerline of driveways shall be 50 feet.

Minimum radius along the inside edge of driveway shall be 35 feet unless shown otherwise in Section 3. Standard Details.

Driveways shall conform to the horizontal alignment requirements of Driveway Details in Section 3. Standard Details. Driveway pavement shall extend at least 10 feet back from the edge of the travel lane.

1.9.16.3 Application Requirements

Written application including a plan and a profile of the driveway may be required by the Highway Superintendent for approval.

1.9.16.4 Fire Department Requirements

All common driveways regardless of length and individual driveways which are longer than 200 feet shall be constructed to support HS-25 loading and to provide access for emergency and fire-fighting equipment. There shall be 10 feet clearance from the edge of the driveway to any obstruction. Plans and details of such driveways shall be submitted to the Fire Department for review.

Residential driveways for one and two family dwellings that extend beyond 250' must be designed to support HS-25 loading, require a 30' x 10' pull over lane every 250', and a turn-around point near the house.

1.9.17 STREET AND TRAFFIC SIGNS

1.9.17.1 Street Signs

Street signs shall be provided at all street intersections, shall be of the type approved by the Town Highway Superintendent, and shall conform to the requirements of National Manual of Uniform Traffic Control Devices with NYS Supplement. All street signs, including their size, MUTCD designation, and

sign face shall be shown in their proposed location on the preliminary and final plans.

1.9.17.2 Traffic Signs

Traffic signs shall be provided at intersections designated by the Town Highway Superintendent and shall conform to the requirements of National Manual of Uniform Traffic Control Devices with NYS Supplement. All traffic signs, including their size, MUTCD designation, and sign face shall be shown in their proposed location on the preliminary and final plans.

1.9.18 STREET LIGHTING

All major commercial and industrial subdivisions with dedicated roads shall create a lighting district. However, in major residential subdivisions, individual homeowner lamp posts shall be installed in lieu of a New York State Electric & Gas lighting district. Lamp posts will be required prior to issuance of a Certificate of Occupancy. The lamps shall have photo electric devices and be maintained by the property owner. Lamp posts shall have uniform location of 20 feet from right-of-way and use uniform light fixtures.

Provide intersection lighting as required by the Planning Board.

A street lighting plan showing the location of street lighting fixtures shall be submitted as part of all Final Subdivision Plans.

1.10 FIRE SERVICE PROVISIONS

1.10.1 Key Boxes

Fire Department Access Key boxes shall be required for all new commercial or tenant spaces. Where appropriate, a single key box may be shared by several tenants within a single structure. Key boxes shall be located above the FDC or next to the front tenant door.

1.10.2 Sprinkler Systems

Fire suppression sprinkler systems protecting more than one commercial tenant space shall be electronically monitored by an agent of the building's owner.

1.10.3 Vehicle Access Points

Vehicle access points must have minimum clearances of 13'-6" height, 20' width and a turning radius of 50'. Turning radii must be separated by at least 30', measured from the beginning of the point of curvature to the next point of curvature.

1.10.4 Hydrants and Fire Department Connections

Hydrants located on cul-de-sacs or dead-end roads will have hydrants situated at the end of the cul-de-sac/ road.

Hydrants serving fire department connections (FDC) must be situated within 100 feet of the FDC but outside the collapse zone(s) of the building (distance equal to 1.5 times the measure of the peak of the structure to final grade).

Additional hydrants are to be provided when the distance of apparatus path of travel exceeds 500' from nearest street hydrant and/or additional apparatus, including pumpers and aerial devices, would be blocked from accessing building by supply hose of first arriving apparatus.

Private fire hydrants shall have independent supply lines, not shared with sprinkler supply lines.

1.11 REQUIREMENTS FOR DEDICATION AND PROJECT ACCEPTANCE

1.11.1 General

Town All construction within the right-of-way or on lands to be dedicated to the shall be complete with final site reviews and written approvals of the construction by the following:

1. Town of Tyre Code Enforcement Officer
2. Highway Superintendent
3. Town Engineer

1.11.2 Monuments

Monuments shall have been set in their required locations and certified to the Town.

1.11.3 Grading

and Final grading and hydroseeding shall be completed within the right-of-way all spoil removed from the site.

1.11.4 Landscaping

All landscaping is to be completed as per the approved site plans and inspected by the Town of Tyre.

1.11.5 Street Signs

All street and traffic signs shall be properly set in their designated locations.

1.11.6 Record Information

Geodetic Control Subcommittee Standards and Specification approved by NYSDOT and the National Geodetic Survey.

The following information shall be provided as described:

1. One (1) electronic version and two (2) paper sets are to be submitted to the Town of Tyre.
2. Locations and Elevations of all storm manholes, catch basins, culverts, this includes invert and top elevations of sanitary sewers, watermain, storm sewers, slopes, size and lengths.
3. Locations and Elevations of all water system valves, curb boxes, fire hydrants, storm sewer lateral and main connection at wyes, cleanouts, water service line and curb box, street signs.
4. Finished centerline elevations and slopes of road surfaces and gutters, including road name and curve table.
5. Liber/page numbers of any easements or right-of-way and including floodplain numbers.
6. Any other significant details affecting the operation or maintenance of any system by the town or districts.
7. All record data and test results shall be supplied to the Town/Districts and are subjected to review and approval at least 15 days prior to any dedication procedure.
8. If the developer cannot provide the record information as detailed above the Town may elect to complete the record information at the Developer/owners expense.

1.11.7 Letter of Credit Approval Procedures

to
the
approved

Prior to Construction, the Town of Tyre shall require the developer to provide a surety (Letter of Credit or Performance Bond) in favor of the Town for all proposed improvements to be dedicated to the Town or those items needed closeout construction. The irrevocable letter of credit shall be submitted by developer in an amount determined by the Developer's Engineer and by the Town Engineer.

The amount shall include but not be limited to the following items:

- 1) Mass Grading
- 2) Roads, gutters, sidewalks, trails, cul-de-sacs, temporary turnarounds, storm sewers, stormwater management facilities, landscaping, erosion control, street signs, monuments, Record Maps, potential construction cost increases, etc.
- 3) Contingency Factor 10%
- 4) Owner's Guarantee 5%
- 5) Inspection 10%

The following is the required procedure for review and approval of letters of credit:

1. Developer Submits the following to the Town Code Enforcement Officer:
 - a) Cover letter identifying the project and requested letter of credit amount.
 - b) Completed "Engineers Estimate" and "Summary Sheet" for all items to be constructed.
2. Town Code Enforcement Officer forwards to Town Engineer the following:

- a) Copy of developers submittal package
 - b) Transmittal Letter
3. Town Engineer compares Letter of Credit Estimate to plans and prepares a review letter to be submitted to the Town Code Enforcement Officer.
 4. Zoning Enforcement Officer reviews Town Engineer's letter and submits to the Town Board with recommendation of action regarding adequacy of the surety.
 5. Town Board accepts by resolution the surety.

1.11.8 Letter of Credit Release Procedure

The following is the required procedure for review and approval of letters of credit releases.

1. Developer submits the following to the Town Engineer:
 - a) Cover letter identifying the project and requested letter of credit to be released.
 - b) Completed "Town of Tyre Letter of Credit Release Form"
 - c) Completed "Engineer's Estimate".
2. Town Engineer compares Engineer's Estimate to the approved plans and submits a letter of recommendation to the Code Enforcement Officer. Include the following:
 - a) Cover letter with recommendation
 - b) A completed and signed "Letter of Credit Release Form" submitted by developer.
 - c) Copy of Developer's engineers estimate

1.11.9 Maintenance Guarantee

The submission and acceptance of a two (2) year Maintenance Bond or Letter of Credit (LOC) for all improvements to be offered to the Town for dedication. Maintenance LOC shall be written by a surety licensed to do business in New York and they shall be in the amount of 10 percent of the dedication items. [The Maintenance LOC shall be approved as to form and content by the Municipal Attorney prior to any dedication procedure.]

1.11.10 Final Release of Funds

The Town Board, upon recommendation from the Code Enforcement Officer, Town Engineer, and Highway Superintendent, shall authorize the final release of monies retained in the Letter of Credit.

1.11.11

LETTER OF CREDIT ENGINEER'S ESTIMATE

SUMMARY SHEET

Based on Engineer's Estimate Dated: _____

Project Name: _____

Mass Grading \$ _____
10% Contingency \$ _____

Erosion Control Measures \$ _____
10% Contingency \$ _____

Drainage & Stormwater Systems \$ _____
10% Contingency \$ _____

Landscaping \$ _____
10% Contingency \$ _____

Roadways \$ _____
10% Contingency \$ _____

Road Signs \$ _____

Record Drawings & Monuments \$ _____

Construction Observation (Estimated) \$ _____

Construction Administration (Estimated) \$ _____

TOTAL ESTIMATE OF COSTS \$ _____

2 Year Maintenance Bond Amount \$ _____

1.11.12

LETTER OF CREDIT RELEASE

PROJECT NAME: _____ ESTIMATE NO. _____

DATE _____

LABELLA PROJECT NO. _____

Total Construction
To Date

\$ _____

LETTER OF CREDIT INFORMATION

Less Retainage

\$ _____

1) Original Amount

A. Construction
Value To Be
Released

\$ _____

\$ _____

2) Authorized For Release
Per Estimate Nos.B. Engineering
Costs

\$ _____

_____ \$ _____

_____ \$ _____

C. Construction
Observation
Costs

\$ _____

_____ \$ _____

_____ \$ _____

D. Other Costs

_____ \$ _____

Subtotal \$ _____

Amount Previously
Released Through
Estimate No. _____

\$ _____

* Balance Remaining In Letter Of
Credit Through This StatementAmount Authorized
For Release

\$ _____

\$ _____

* The balance amount shall be sufficient
to insure satisfactory completion of the
remainder of the development._____
Project Engineer_____
Date_____
Developer_____
Date_____
Municipal Engineer_____
Date_____
Fiscal Officer_____
Date

LETTER OF CREDIT EXPIRES _____

SECTION 2.0 CONSTRUCTION STANDARDS

SECTION 2.0 CONSTRUCTION STANDARDS

2.1 GENERAL

2.1.1 PRELIMINARY MATTERS

Site preparation, grading and construction of facilities shall not be started until the Final Subdivision Plan has been approved by the Planning Board and all necessary signatures have been affixed on the drawings, and until the Letter of Credit has been received by the Town. Items to be completed prior to construction commencing are listed on the Checklist Prior to Construction Commencing for Land Development Projects included in Section 2.1.12 on page 2-4.

2.1.2 PRE-CONSTRUCTION MEETING

A pre-construction meeting shall be held prior to the start of construction to review Town requirements and to establish the project schedule. The Developer, his Engineer and Contractor along with permitting agency personnel shall attend this meeting to discuss the project with Town representatives.

2.1.3 INSPECTION

All construction shall be subject to inspection by representatives of the Town. The Developer and his Contractor shall give not less than 24 hours' notice for inspection and shall provide adequate access for such inspection at all stages of the work. This shall include erosion and sediment control inspections.

All costs related to engineering and inspection by representatives of the Town shall be paid by the Developer. An amount estimated by the Town for engineering and inspection shall be included in the Letter of Credit.

2.1.4 RESPONSIBILITY FOR CONSTRUCTION

The Developer is solely responsible for construction of all dedicated facilities in accordance with the approved plans, and all applicable regulations and Town standards.

Inspection during construction shall not imply acceptance of the work by the Town. If subsequent inspections, operation or occurrences reveal defects in the work, such defects shall be corrected by the Developer to the satisfaction of the Town.

The development shall not be accepted for dedication until all construction of dedicated facilities is fully completed by the Developer and found to be satisfactory by the Town.

2.1.5 PROTECTION OF EXISTING UTILITIES AND STRUCTURES

It is the Developer's and his Contractor's responsibility to locate and protect all existing utilities and structures before, during, and after excavation. Protect all utilities, services, and systems, including public and private poles, conduits, wells, water piping, storm drainage piping and culverts, existing sewage disposal systems, and farm tiles, including related structures, in a manner acceptable to the representative of the Town and the owner of each utility, service or system.

Any damage done to any utility, service or system shall be repaired at the Contractor's expense in a manner acceptable to the representative of the Town and the owner of the system. Where construction is near or underneath any pole, conduit, pipe or similar structure, provides any necessary support.

Notify all utilities and the Underground Facilities Protective Organization, Inc. (Telephone 1-800-962-7962) 48 hours prior to any excavation.

Where excavations are within existing pavement and sidewalk areas, pavements and sidewalks shall be sawed or cut uniformly along the limits of excavation. All disturbed pavements, sidewalks, curbs and gutters shall be replaced by the Contractor to match the existing or remaining surfaces.

2.1.6 PERMITS AND TRAFFIC CONTROL

The Developer and his Contractor shall obtain and comply with all necessary permits from the authority having jurisdiction for construction within and adjacent to public roads.

Provide flagmen, signs, barricades, lights, and flashing signals for traffic control, safety and protection of the public as required by the authority having jurisdiction.

2.1.7 SHOP DRAWINGS AND MANUFACTURER'S INFORMATION

The Contractor shall submit shop drawings for all materials to be incorporated in the dedicated facilities to the Developer's Engineer for review. Upon confirming that the shop drawings conform to the approved plans, specifications and Town standards, the Developer's Engineer shall forward four (4) signed copies of such shop drawings to the Engineer for the Town for review. The Town Engineer will return two (2) reviewed copies to the Developer's Engineer for forwarding to the Contractor. A digital-based or equivalent alternative process may be proposed to the Town Engineer.

2.1.8 NOISE CONTROL

Construction equipment and vehicles shall be maintained by the Contractor in good working condition to control noise and exhaust emissions.

Construction activity shall be restricted to Monday through Friday from 7:00 a.m. to 7:00 p.m. and Saturdays from 7:00 a.m. to 6:00 p.m. No construction activity is allowed on Sundays and holidays. Special permission shall be obtained from the Town for activities that require continuous operation beyond the restricted hours. This restriction applies also to starting up and moving of construction equipment.

2.1.9 WEATHER CONDITIONS

Work shall be suspended during unsuitable weather conditions. The Contractor shall take necessary precautions to protect all Work, materials and equipment from damage or deterioration due to floods, rain, wind, and snow storms.

The mixing and placing of concrete, construction of pavements, gutters and sidewalks, laying of masonry and installation of sewers shall be stopped during rain storms or other unsuitable weather. Newly placed concrete and masonry shall be protected by suitable covering.

2.1.10 CONNECTION TO, AND OPERATION OF, EXISTING FACILITIES

Connection to and operation of existing Town facilities is not permitted for any purpose, unless specifically authorized by a designated representative of the Town. It is strictly prohibited to operate existing hydrants, valves or other controls. Discharging sewage, groundwater or surface drainage to existing sanitary or storm sewer systems is also prohibited. Any person violating this restriction will be prosecuted to the full extent of the law.

Generally, connection to existing systems will not be permitted until all work on the new facility to be dedicated is completed, tested and found to be acceptable by the Town.

2.1.11 RECORD DRAWINGS

Record drawings shall be prepared by the Developer's Engineer for all dedicated facilities and public & private underground utilities. Record drawings submitted for review shall be submitted in electronic format. Review set shall include one (1) set of electronic files and one (1) set of paper prints. If the Town Engineer recommends revisions to the submitted plan, the Developer's Engineer shall revise the record mapping and resubmit one (1) set of electronic files and one (1) set of paper prints for further review. Continue the re-submittal process until record mapping approval is obtained from the Town Engineer.

Following approval by the Town Engineer, record drawings for minor subdivisions shall include one (1) set of electronic files and four (4) paper prints and shall be submitted as final to the Town. Record drawings for major subdivisions and commercial development projects shall include two (2) sets of electronic files and four (4) paper prints and shall be submitted as final to the Town.

2.1.12 CHECKLIST PRIOR TO CONSTRUCTION COMMENCING FOR LAND DEVELOPMENT PROJECTS

	DATE
1. Planning Board Approval of Final Plans	_____
2. Drawings signed by Planning Board Chairman & Town Engineer	_____
3. Stormwater Pollution Prevention Plan signed by Developer & Contractor	_____
4. NYS Department of Health Water System Plan Approval	_____
5. NYS Department of Health Realty Subdivision Approval	_____
6. NYS Department of Environmental Conservation Sanitary Sewer Plan Approval	_____
7. NYS Department of Environmental Conservation Notice of Intent for SPDES General Permit for Stormwater Discharges from Construction Activity	_____
8. NYS Department of Environmental Conservation Freshwater Wetlands Permit	_____
9. NYS Department of Environmental Conservation Water Supply Permit Application Approval	_____
10. NYS Department of Transportation Highway Work Permit	_____
11. Seneca County Highway Work Permit	_____
12. Water Benefitted Area or District Application	_____
13. Sewer District Formation or Extension Application	_____
14. Stormwater Control Facility Maintenance Agreement	_____
15. Utility Easement Drawing and Description	_____
16. Right-of-way Description and Drawing	_____
17. Surety Posted with Town and Accepted by Town Board	_____
18. Amount of Letter of Credit	_____
19. Pre-Construction Meeting Held	_____
20. All Legal and Engineering Review Fees Paid	_____

2.2 SITE PREPARATION

2.2.1 GENERAL

Site preparation consists of clearing and grubbing, topsoil removal and stockpiling, protection of existing facilities, providing temporary access, erosion and siltation control, and related work.

2.2.2 CLEARING AND GRUBBING

Clear and grub all areas of excavations, trenches, embankments, and areas to be graded by removing all trees, stumps, roots, brush and debris within the limits indicated on the drawings. All trees, shrubs and vegetation that are not to be removed shall be protected and preserved.

Arrange for disposal of clearing and grubbing materials satisfactory to the New York State Department of Environmental Conservation and the Town. Burning of debris in the work areas is not permitted.

2.2.3 LAYOUT OF WORK

The Developer is responsible for layout of all work on the project. All work shall be staked-out by experienced surveying personnel in accordance with the approved plans. Stake-out shall be in sufficient detail to provide correct horizontal locations and elevations of structures, pipes, roads and grading.

Stake-out shall be performed as the work progresses. Any stake-out that is disturbed shall be re-staked before continuing with the work.

2.2.4 TOPSOIL REMOVAL AND STOCKPILING

Remove and stockpile topsoil from areas to be excavated and graded. Topsoil shall not be removed from the project site, but shall be retained until it is used in landscaping of project sites. Erosion control shall be provided and maintained for all topsoil stockpiles.

2.2.5 EROSION AND SILTATION CONTROL

Construction of erosion and siltation control for projects disturbing more than one (1) acre shall be in accordance with the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity.

Construct temporary erosion and siltation control facilities before starting excavation and grading. Before starting construction of these facilities, submit to Engineer for the Town for review written description and details of the proposed erosion and siltation control facilities.

Prevent direct discharge from dewatering pumps and surface runoff from the construction sites to storm sewers, culverts, streams or ditches. Intercept and conduct surface runoff and discharge from dewatering pumps to siltation ponds before discharging to natural drainage channels.

Maintain temporary erosion and siltation control facilities during the construction period until final grading, landscaping and permanent erosion control are completed. At that time, remove the temporary facilities, after obtaining authorization from the Engineer for the Town, and complete the site work as specified.

2.2.6 TEMPORARY ACCESS

Provide and maintain temporary parking areas and access roads to project sites for use by all Contractors on this project, and for delivery of materials.

Maintain the temporary roads and parking areas in serviceable condition until the permanent roads are completed.

2.3 GRADING, EXCAVATION AND RELATED WORK

2.3.1 GRADING

Site grading shall be completed to within one (1) foot of finished grades and contours shown on the grading plan before starting any trench excavation, and shall include grading of lots, drainage channels, detention ponds, temporary siltation ponds, and roadways.

Graded areas shall be relatively smooth and free of ruts, depressions or mounds, and shall be graded for proper drainage.

2.3.2 TRENCH EXCAVATION

Excavation shall include the removal of all materials encountered, including rock, necessary for the installation of piping, appurtenances and structures. Excavation shall also include separation and disposal of material that is not suitable for backfill and storing material that is suitable for backfill.

Trenches shall be excavated only so far in advance of pipe laying as necessary for installation of pipe and to comply with access requirements.

If encountered, rock may be loosened by blasting or other methods after review by the Engineer. The Contractor must take proper precautions to protect persons and property. Blasting operations shall be carried out only by experienced personnel. The Contractor shall obtain any permits and insurance necessary for blasting operations. Any damages resulting from rock excavation shall be the responsibility of the Contractor.

Rock, boulders and large stones shall be removed to provide a minimum clearance of 6 inches below and on each side of all pipes and a minimum clearance of 1 1/2 feet around manhole risers.

2.3.3 TRENCH WIDTH LIMITS

The following trench width limits must be maintained at all times until backfill is complete even if it may be necessary to leave sheeting and bracing in place:

	<u>MAXIMUM TRENCH WIDTH</u>	
	<u>At Top of Pipe</u>	<u>At Ground Surface</u>
Building Sewers	2'-6"	5'-0"
Sanitary Sewers	3'-0"	7'-0"
Storm Sewers	3'-0"	7'-0"

See special requirements for excavation limits at manholes.

2.3.4 SEPARATION OF BACKFILL MATERIAL

Excavated material which is suitable for backfill shall be separated from earth excavation which is unsuitable for backfill and rock, boulders, frozen earth, paving materials, concrete, and stones larger than 8 inches in their greatest dimension. These materials which are not to be used for backfill shall be hauled away and disposed of at a site to be arranged for by the Contractor and subject to the approval of the New York State Department of Environmental Conservation.

2.3.5 DEWATERING

Trenches shall be dewatered so that pipe is not installed in water. The Contractor shall provide pumping equipment and other methods for dewatering trenches. The discharge from dewatering equipment shall be conducted to sedimentation basins and silt traps before discharging to natural drainage channels, gutters, drains, or storm sewers. Surface water shall be diverted or otherwise prevented from entering excavations and to prevent damage to adjacent property.

Water shall not be allowed to soften the bottom of the trench. If the trench bottom becomes soft due to failure to keep the excavation dry, the softened material shall be removed and replaced with crushed stone.

2.3.6 MAINTENANCE OF BANKS

Provide sheeting, bracing, and shoring of trenches as necessary to protect adjacent structures including poles, trees, pavements, pipelines, and to provide safe working conditions.

The use of a trench shield will be permitted if adequate provisions are made for preventing movement of the pipe and caving of the banks while the shield is being moved. The use of a bar by a workman is not considered adequate.

The methods to maintain the stability of banks must be in accordance with applicable laws, rules and regulations, and are the sole responsibility of the Contractor.

2.3.7 PIPE BEDDING

When crushed stone cradle pipe bedding for storm sewer pipe is not required, the bottom of the pipe trench shall be formed in solid, undisturbed earth except as otherwise specified. Water shall not be allowed to soften the bottom of the trench. The pipe bed shall be prepared accurately with hand tools so that the full length of the pipe is supported by the pipe bed. The bottom of the trench shall be checked before the pipe is lowered into the trench to make certain that the pipe to be laid will not exceed the allowable deflection. Recesses shall be excavated for pipe bells, so that the pipe does not rest on the bells. If the trench is excavated below the required depth, the excess depth shall be filled with crushed stone cradle.

Trenches shall be excavated to a level 6 inches below the bottom of the pipe in rock areas or where the trench bottom contains stones larger than 2" in diameter. The foundation for the pipe in such areas shall be provided by the use of crushed stone cradle.

Trenches for sanitary sewers and buildings sewers shall be excavated to a level 6 inches below the bottom of the pipe. The foundation for the pipe shall be provided by the use of crushed stone cradle. The crushed stone cradle shall be spread and shaped by

hand to provide uniform support for the pipe for at least 3/4 of the pipe diameter and shall extend for the full width of the trench.

Where the 6 inch depth of crushed stone cradle is not adequate to provide a proper foundation for the pipe in the opinion of the Engineer, additional depth of crushed stone cradle shall be used.

If any trench is excavated below the required depth or depth as authorized by the Engineer, the excess depth shall be filled with crushed stone cradle.

Coupling or bell holes shall be prepared so that the pipe does not rest on the outer portion of the coupling or bell. Holes shall be of adequate size but must not be excessively large.

2.3.8 CRADLE MATERIALS

Cradle materials for pipes, manholes and building sewers shall be as follows:

2.3.8.1 Crushed Stone Cradle

NYSDOT 703-02, Size No. 2, mixed with sufficient smaller sized stone and screenings to provide a dense material that gives the maximum support to the pipe. Use only enough smaller stones and screenings to fill the voids in the No. 2 stone. Crusher run material that meets this specification is acceptable.

2.3.8.2 Concrete Cradle

NYSDOT Section 501, Portland Cement Concrete, Class B with 1-1/2 inch maximum slump. When approved by the Engineer, water may be omitted from the mix.

2.3.9 SPECIAL REQUIREMENTS AT STRUCTURES

Excavation around manholes and other structures shall provide a clearance of 1foot. The excavation in the areas where pipes enter the structure shall be kept to a minimum.

Where any pipe passes through a structure excavation, crushed stone cradle shall be provided under the pipe for support. The crushed stone cradle with 2:1 side slopes shall extend from the pipe to the bottom of the excavation and shall support the pipe for a width equal to at least 3/4 of the pipe diameter.

Provide uniform support with crushed stone cradle under manhole bases as detailed.

Special attention shall be given to keeping the excavation opened and dewatered so that work around the outside of structures can be completed properly.

2.3.10 SPECIAL REQUIREMENTS FOR BUILDING SEWERS

Where building sewers pass through main sewer trench excavations, the foundation for the pipe and tee shall be provided by the use of crushed stone cradle. The crushed stone cradle shall extend the full width of the trench. The crushed stone cradle shall be shaped by hand to provide uniform support for the pipe and tee for a width equal to at least 3/4 of the pipe diameter.

2.3.11 STABILIZATION OF STEEP SLOPES

Stabilization of grades 1 vertical to 3 horizontal (or steeper) shall include additional measures beyond seeding. Practice to consider include biological rolled erosion control blankets (or mats), which may use jute, excelsior, straw, wood fibers, coconut fibers, or a combination of these items, or others to the satisfaction of the Town Engineer (if new products become available). Non-biodegradable options may be acceptable as well, including plastic netting or mesh, synthetic fibers with netting, or bonded synthetic fibers, or a combination of biodegradable and non-biodegradable products or others to the satisfaction of the Town Engineer. Area to be properly prepared and seeded prior to blanket installation. Blanket to be anchored in accordance with manufacturer's recommendations. Contractor to be responsible for maintenance of slope stabilization until vegetation is established.

2.4 BACKFILL AND EMBANKMENTS

2.4.1 GENERAL

Backfill and embankments consist of placing and compacting backfill material in trenches and around structures, and construction of embankments and fills, including maintenance of backfilled surfaces, disposal of excess excavated material, and related work, and shall generally conform to applicable requirements of NYSDOT 203.

Embankments and fills shall be completed before installation of piping and appurtenances are started.

2.4.2 MATERIALS

In general, construct fills and backfill trenches with excavated material provided that the excavated material is suitable in the opinion of the Engineer. Where there is a deficiency of excavated material due to the rejection of a part thereof, use excess excavated material from other portions of the project.

Granular fill shall be used for backfill, where directed by the Engineer or where there is a deficiency of suitable or select excavated material on the project.

2.4.2.1 Suitable Excavated Material

Dry excavated material from which all frozen material, pavement materials, cinders, ashes, refuse, sod, roots, organic material, rock or stones larger than 8 inches in the greatest dimension have been removed.

2.4.2.2 Select Excavated Material

Select, dry excavated material from which all pavement materials, concrete, cinders, ashes, refuse, organic material, topsoil, sod, roots, frozen material, boulders, rock, or stones larger than 2 inches in the greatest dimension, or other material, which in the opinion of the Engineer is not suitable, have been removed.

2.4.2.3 Granular Fill

NYSDOT 203-2.02C, Select Granular Fill except that all particles shall pass a 2-inch square sieve.

2.4.2.4 Controlled Density Fill

K-Krete Controlled Density Fill (CDF) Mix consisting of Portland Cement and salvaged materials as developed by K-Krete Inc.

2.4.3 EMBANKMENTS AND FILLS

Construct fills and embankments using select excavated material within 2 feet of finished grade, and suitable excavated material below depths of 2 feet within finished grade. Place and compact fill material in layers not to exceed 12 inches or as specified under compaction requirements.

Rework embankment and fill that does not conform to these specifications to meet the requirements, or remove and replace the material with acceptable fill. Compact all fill material placed before the end of each work day. Grade the final layer placed each day for proper drainage to prevent ponding of surface run-off on the fill.

2.4.4 TRENCH BACKFILL

2.4.4.1 General

Trenches shall be backfilled immediately after installing the pipe and completion of work within the excavation. Backfill around each pipe shall be placed before installing the next length of pipe. Trenches shall be relatively dry during backfilling.

2.4.4.2 Pipe Sidefill and Safety Cover

From the top of the pipe bed or cradle to a level one foot over the top of the pipe, backfill shall be select excavated material deposited by hand in 6 inch layers and compacted by tamping. Backfill shall be deposited in the trench for its full width on each side of the pipe simultaneously so as not to disturb the pipe.

2.4.4.3 Backfill around Structures and Appurtenances

Backfill around manholes, inlets, valve boxes and hydrants shall be select excavated material deposited in accordance with the requirements for backfill around pipe to a level one foot over the top of the entering pipes. Above this level, backfill shall be deposited uniformly around the structure or appurtenance in 12-inch layers and thoroughly compacted.

2.4.4.4 Backfill above Safety Cover

Above the levels specified for pipe sidefill and safety cover, the trench shall be backfilled and compacted by mechanical methods. For each section of trench, the Engineer shall review the method of backfill and compaction considering the type of backfill material and the finished ground surface above the pipe.

2.4.4.5 Backfill under Pavement Areas

Backfill under roadways and surfaces normally subject to vehicular traffic, including pavements and gutters, shall be granular fill uniformly placed, leveled, and compacted in 12 inch layers using mechanical compactors. Select excavated material may be used only if it meets the specifications for granular fill.

2.4.4.6 Detectable Warning Tape

Acid & alkali-resistant, polyethylene film warning tape manufactured for marking and identifying underground utilities, a minimum of 6 inches wide and 4 mils thick, continuously inscribed with a description of the utility in bold readable lettering, with metallic core encased in a protective jacket for corrosion protection, detectable by metal detector when tape is buried less than 30-inches deep from finished grade.

2.4.5 COMPACTION

Compaction methods employed shall produce the specified compaction, prevent subsequent settlement, and provide the required support for proposed construction on the compacted subgrade. Proposed compaction methods shall avoid damage to existing facilities and to completed construction.

Prior to starting placement and compaction of backfill and embankment, submit in writing to the Engineer for the Town a description of the methods and equipment proposed for compaction. The Engineer will review this information considering the type of backfill material and the finished ground surface. If the proposed method does not provide the compaction required, alternate methods shall be adopted until the required compaction is achieved.

Minimum compaction requirements for backfill and embankment shall generally conform to the following, unless otherwise specified:

2.4.5.1 Embankments

	<u>Maximum Layer Before Compaction</u>	<u>Minimum Compaction</u>
Under roadways, shoulders, gutters and sidewalks	12 inches	95%
All other areas	24 inches	85%

2.4.5.2 Trench Backfill

Under pipe and pipe cradle	6 inches	95%
Pipe sidefill and safety cover to 1 foot over top of pipe	8 inches	93%
Under roadways, shoulders, sidewalks, parking areas, and gutters	12 inches	95%
All other areas	24 inches	85%

2.4.5.3 Structure Backfill

Around all structures and appurtenances including manholes, inlets, hydrants and valve boxes	12 inches	95%
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2.4.6 SITE MAINTENANCE AND CLEANUP

The Developer shall maintain the site in a neat and safe condition. Surplus materials, debris, rock and unsuitable excavated material shall be removed and disposed of as the work progresses.

Dust shall be controlled so as not to affect adjacent developed areas, roads and streets.

Gravel run-off areas shall be provided for construction traffic leaving the site to control tracking and deposits of dirt from the site on adjacent roads and streets. The Developer and his Contractor are responsible for removing tracked or dropped material as often as required to keep roads and paved areas clean.

2.5 WATER DISTRIBUTION SYSTEM

All water main and water service materials, installation, testing, and disinfection shall be in accordance with the Recommended Standards for Water Works – Policies for the Review and Approval of Plans and Specifications for Public Water Supplies (Ten State Standards). All bolts for fittings shall be blue anodized or stainless steel.

All new hydrants shall include a reflective hydrant marker. The marker shall be 3/8"-diameter fiberglass rod, with red and white reflective banding, a heavy-duty stainless steel spring, and be top-mounted. Markers shall be in place prior to the final surety release.

2.5.1 WATER MAINS

Ductile-iron (DIP) pipe:

2.5.1.1 Shall conform to ANSI/AWWA C151/A21.51-09, minimum allowable thickness shall be Class 51. Pipe shall be cement lined in accordance with AWWA C104/A21.4-08 and shall have rubber gasket push-on joint in accordance with AWWA C111/A21.11-07.

2.5.1.2 DIP installation shall include: The developer or his engineer must submit certified results of the Ductile Iron Pipe Research Association's (DIPRA) ten-point soil test prior to commencing construction. Testing shall be conducted by a qualified soil-testing laboratory, and the results shall be submitted to the Town on the report form included in Appendix II.

2.5.1.3 The DIPRA ten-point soil test shall be taken along the route of the proposed water main at a maximum spacing of 500 feet with a minimum of one test in developments less than 500 feet long, in all wetlands, fill areas and railroad beds (existing or abandoned) that the water main route crosses or occupies, at the elevation of the top of the proposed water main, and referenced on the

report by station number.

2.5.1.4 The developer's engineer shall certify that the samples tested are from the site referenced on the form and were taken along the pipe route at the appropriate depth. The certification may be done on the form or in a separate letter from the developer's engineer.

2.5.1.5 Upon submission of a satisfactory soil testing report, the Town Engineer will make the determination as to whether or not a main will require polyethylene encasement and the limits of such encasement. Water mains installed in soils with DIPRA point totals of 10 or greater shall be wrapped in polyethylene. Polyethylene encasement shall be installed in accordance with the Town specifications. The developer may choose to wrap the entire main in polyethylene in lieu of soils testing as per Appendix GG. [2] In this case, a note stating this shall be placed on the plans.

2.5.1.6 Polyethylene wrap specifications:

- a. Polyethylene tube: ANSI/AWWA C105/A21.5-10.
- b. Thickness: eight mils.
- c. Pigmentation: natural when exposure to ultraviolet light such as sun will be less than 48 hours. Pigmentation shall be 2.0 to 2.5% well-dispersed carbon black with stabilizers when exposure to ultraviolet light will be two to 10 days.
- d. Polyethylene: virgin polyethylene produced from Dupont Alathon or USI Petrothene resins.
- e. Method of manufacture: extruded tube form.
- f. Closure Tape: Polyken 910 general utility tape or 3M Scotchrap 50 all-weather corrosion-protection tape, two-inch wide, plastic-backed, adhesive tape.

2.5.1.7 Polyvinyl chloride (PVC) pipe:

- a. Shall conform to AWWA C900-07 for pipe sizes four inches through 12 inches and AWWA C905-10 for pipe sizes 14 inches through 48 inches. Minimum class shall be 150 (DR 18) with elastomeric gasket joints, integral bell and rubber rings locked in place.

2.5.1.8 Polyethylene Pressure pipe and Fittings:

- a. Polyethylene Pipe shall be manufactured conforming to the requirements of ANSI/AWWA C906, latest revision. Pipe shall be made from materials conforming to standard PE code designation PE 3408. Pipe shall have dimension ratio (DR) of 11 and be ductile iron pipe size (DIPS). Pipe shall be manufactured by Performance Pipe or approval equal. Pipe shall be NSF-61 complaint.
- b. Fittings for PE piping shall meet the requirements of ASTM D2683, ASTM D3261 and AWWA C906 and be the NSF-61 complaint. Fittings shall have a stainless steel stiffener and be furnished with heavy duty MJ gland for use with HDPE. Transition between PE and PVC or DI pipe/fittings shall be accomplished with a bell MJ adapter.

- c. HDPE electrofusion couplings shall meet AWWA C906 and shall be sized for use with the DIPS size OD HDPE pipe.
- d. HDPE service saddles shall meet AWWA C906 and shall be sidewall electrofusion type with a brass AWWA corporation threaded outlet for use with a waterworks brass corp stop.

2.5.1.9 PVC and HDPE pipe installation shall include either:

- a. Six-inch-wide metallic detectable warning tape placed over the center of the pipe on top of the twelve-inch safety cover as manufactured by Instock Now, Inc.
- b. Solid copper wire (No. 8-gauge minimum) insulated with high-density polyethylene per ASTM D1248-05 attached to the pipe at five-foot intervals with plastic ties with a minimum of 150# tensile strength. Wire shall be attached to all cast fittings, hydrants and valve boxes to make a continuous traceable system.

2.5.2 FITTINGS

2.5.2.1 Ductile iron shall meet ANSI/AWWA C110/A21.10-12 specifications, minimum Class 250; with mechanical or push-on joint in accordance with AWWA C111/A21.11-07, except for hydrant branches, which shall be mechanical joint. Pipe and fittings shall be cement lined in accordance with AWWA C104/A21.4-08. Bolts and nuts shall be high-strength, low-alloy steel.

2.5.2.2 PVC shall meet specifications of AWWA C900-07 for sizes four inches through 24 inches and AWWA C905-10 for sizes 14 inches through 48 inches made from PVC compound with a cell classification 12454-B (ASTM D1784-11) with gasket joints meeting ASTM D3139-98(2011).

2.5.3 HYDRANTS

2.5.3.1 Shall be manufactured in accordance with AWWA C502-05. Hydrants shall be manufactured for five-foot bury with break-away flange construction and six-inch mechanical joint inlet. They shall open left and be painted red bodies, bonnet, and nozzle covers. Hydrants shall be three-way with two-and-one-half-inch hose nozzles and one four-and-one-half-inch pumper connection with National Standard threads. Main valve openings shall be 5 1/4 inches with the total unit consisting of the tee, guard valve, hydrant and adaptors.

2.5.3.2 The Kennedy Guardian K-81-D or Mueller Super Centurion 250 A-423 are approved hydrants in the Town.

Note: All hydrants shall be provided with an integral Storz Harrington Hydrant Adapter (HPHA) connection on the pumper nozzle.

2.5.4 FLUSHING HYDRANT

Blowoff shall be two-inch, self-draining, nonfreezing with five-foot bury, with all bronze parts designed to connect to a two-inch main-line outlet as manufactured by GIL Industries, Inc., Model Slimline.

2.5.5 GATE VALVES

- 2.5.5.1** Gate valves shall conform to AWWA C509-09, resilient-seated wedge-type epoxy-coated gate valves with a nonrising stem. They shall be of the 350 psi test class with a minimum working pressure of 250 psi. Valves shall be open left manufactured by U.S. Pipe, Mueller or an approved equal.
- 2.5.5.2** The valve ends shall depend on the type of pipe used and the particular use intended.
- 2.5.5.3** Valves shall be furnished with a screw-type valve box, 5 1/4 inches' inside diameter, with covers marked with "WATER."
- 2.5.5.4** If the valves are buried deep, they must have an extension stem that can be reached with a six-foot valve box key.

2.5.6 ANCHORING FITTINGS

Anchoring pipe in accordance with ANSI/AWWA C104/A21.4-08 shall be employed to anchor all hydrants to gate valves. The anchoring pipe shall be coal-tar coated, cement-lined and provided with a rotating gland. There should be a minimum of 18 inches between hydrant and gate valve. These anchoring pipes shall be as manufactured by Clow, Tyler or approved equal.

Restrainers shall be manufactured of high-strength ductile-iron pipe and incorporate a full 360° support around the pipe. They shall be as manufactured by Uni-Flange series 1300, 1350, 1360, depending on the specific use.

2.5.7 WATER SERVICE MATERIAL (MINIMUM 3/4 INCH)

- 2.5.7.1** Corporations stop shall be Mueller H-15008 compression type.
- 2.5.7.2** Curb stops shall be Mueller H-15209 Mark II compression type.
- 2.5.7.3** Curb boxes shall be Mueller H-10314, five feet long.
- 2.5.7.4** Copper pipe shall be Type "K" ASTM B88-09.
- 2.5.7.5** Plastic pipe shall be copper tube size (CTS) polyethylene ASTM D2737-03, PE3608 per AWWA C901-08 (only used from curb box to unit, and a No. 10-gauge solid copper tracer wire insulated with high-density polyethylene per ASTM D1248-05 shall be included from the curb box to the structure). When polyethylene pipe is used for water service piping, the plain end of all pipe connections shall have an internal 304 stainless steel stiffener. Stiffener shall have a permanent outside diameter, which fits into the pipe inside diameter to reinforce and maintain concentricity of the pipe.
- 2.5.7.6** All services tapped into PVC mains shall utilize two bolt bronze saddles with triple "O" ring seals as manufactured by Ford or Mueller. All taps shall be spaced a minimum of 10 feet apart on the main.

Meter pits for individual services shall be as manufactured by Ford or Mueller. Covers shall be double-lid style with a one-and-three-fourths-inch hole for radio read systems.

2.5.7.7 Any water service greater than 150 feet from the road right of way will require a meter pit as per detailed in section 3.

2.5.8 WATER MAIN TESTING

All new water mains must pass the test procedures set forth in AWWA Standard C600 Section 5.2 Hydrostatic Testing, AWWA Standard C651 Sections 4.1 Disinfecting Water Main and 4.4 Continuous feed method.

2.6 SANITARY SEWER SYSTEM

2.6.1 MATERIALS

2.6.1.1 Polyvinyl Chloride (PVC) Main Sewer

ASTM D3034 SDR 35, PVC Plastic Gravity Sewer Pipe with elastomeric gasket joints. Provide 4 inch diameter branch fittings. Use SDR-21 PVC pipe for sewers deeper than 16 feet.

2.6.1.2 Polyvinyl Chloride (PVC) Building Sewer

ASTM D3034-SDR-21, PVC Plastic Gravity Sewer Pipe and fittings with elastomeric gasket joints. Glued joints will not be allowed.

2.6.1.3 Ductile Iron Pipe (DIP) Force Main

AWWA C151/ANSI A21.51, thickness Class 50 with ANSI A21.4 cement mortar lining and seal coating inside, bituminous coating outside, ANSI 21.1 1 push-on joints.

2.6.1.4 Polyvinyl Chloride (PVC) Force Main

ASTM D2241 SDR 21, PVC Pressure Rated Pipe and fittings, 200 psi pressure rating, with elastomeric gasket joints, adapters, and 3" wide detectable underground tape. Detectable tape shall be green and read, "CAUTION - BURIED SEWER LINES BELOW".

2.6.1.5 Force Main Fitting

AWWA C110/ANSI A21.10 ductile iron fittings or AWWA C153/ANSI A21.53 ductile iron compact fittings with ANSI A21.4 cement mortar lining and seal coating inside, bituminous coating outside.

2.6.1.6 Crushed Stone Cradle

NYS DOT 703-02, Size No. 2, mixed with sufficient smaller size stone and screenings to provide a dense material that gives maximum support to the pipe. Crusher run material meeting these specifications will be acceptable.

2.6.1.7 Concrete

Concrete for backing, bracing, encasement and cradle shall be NYSDOT Section 501, Portland Cement Concrete, Class B, 2-inch maximum slump. Water may be omitted from the mix for cradle and encasement when approved by the Engineer.

2.6.1.8 Cleanouts

Fabricated from ASTM D3034 SDR 35, PVC Plastic Gravity Sewer Pipe and fittings, and brass screw plugs as shown in the Standard Details. Glued joints will not be allowed.

2.6.1.9 Manholes

a. Bases, Risers, and Cone Tops

Precast reinforced concrete manhole units conforming to NYSDOT 706-04 requirements for circular manhole units and ASTM C-478 and designed to sustain AASHTO H20-44 wheel loading. Refer to Standard Details for dimensions, minimum base slab reinforcing steel and other features.

b. Cover Slabs

Precast reinforced concrete cover slabs. NYSDOT 555-2, Structural Concrete, Class A conforming to NYSDOT 501-1, 501-2, and 501-3 and ASTM A-615, grade 60 deformed reinforcing steel, and other features.

c. Base, Riser, and Cover Slab Joints

Tongue and groove with continuous solid rubber ring gasket joints conforming to ASTM C-443.

d. Pipe to Manhole Connections

Flexible rubber boot gasket, power sleeve, and a stainless steel take-up clamp, PSX Positive Seal as manufactured by Press Seal Gasket Corporation, or equal.

All flexible manhole seals shall be sized for inlet and outlet pipes to provide a watertight seal and shall be installed in preformed manhole openings by the manhole supplier.

e. Manhole Steps

Aluminum Alloy 6005-T5 forged from a solid extruded section Part No. 20100 conforming to ASTM B221, as manufactured by Aluminum Company of America or Relgrit Part No. LR-800 as manufactured by Reliance Steel Products Company, or equal.

The portion of the step embedded in concrete shall be coated with a six mil coat of Bitumastic No. 505 as manufactured by Koppers Company or a 15 mil coat of DeGraco Moisture/Gard 9330 thick black as manufactured by the Detroit

Graphite Company, or equal. The first step should be no more than 30 inches below the rim.

f. Manhole Frames and Covers

Cast iron frames and covers, uniform quality, free from blow holes, porosity, hard spots, shrinkage defects, cracks, fins, burrs, sand and slag. Cleaned by sand blasting. Asphalt coated. Materials shall conform to ASTM A-48, Class 30. Bearing surfaces shall be ground or machined. Designed to carry a wheel load of 16,000 pounds plus impact. Total weight of frame and cover shall be not less than 300 pounds. Covers shall be cast with the words "SANITARY SEWER" as part of the design.

Standard frames and covers with indented top design as manufactured by Neenah Foundry Co., Catalog No. R-1726, Type B; Syracuse Castings Sales Corp., Catalog No. 1032; or equal.

g. Concrete for Benches

NYSDOT 555-2, Structural Concrete, Class A conforming to NYSDOT 501-1 and 501-3.

h. Dampproofing

Two 3.6 wet mil coats of bitumastic black coal tar sealer / damp-proofing applied by the manufacturer on interior and exterior surfaces, except the base slab. RC-30 as manufactured by Midland Asphalt, Hydrocide 700B as manufactured by BASF or equal.

i. Non-Shrink Grout

Fast setting, non-shrink, non-metallic, high strength, water resistant, premixed grout. Octocrete as manufactured by Penncrete Products Company, or equal.

j. Grade Rings

ASTM C-478 precast reinforced concrete rings, 3 inches thick, 8 inches wide and 24 inches inside diameter.

k. Brick

ASTM C-32 sewer and manhole clay or shale brick.

l. Mortar

ASTM C-270, Type M. Mix design by volume shall be one part Portland Cement, one part masonry cement, and five parts mortar sand. Lime shall not be used.

m. Concrete Curing Compound.

ASTM C-309 Liquid membrane-forming compound for curing concrete.

n. Drop Pipe and Fittings.

ASTM D3034 SDR 35 PVC Plastic Gravity Sewer pipe and fittings with elastomeric gasket joints.

o. Manhole Cover Inserts.

High density polyethylene bowl, ASTM D1248, Class A, Category 5, minimum thickness 1/16 inch. Black, closed cell neoprene gasket, ASTM-D-1056-73T, cemented to the underside of the insert bowl rim by the manufacturer.

One gas pressure relief and one vacuum relief valve installed in the insert bowl. Valve bodies manufactured of high density polyethylene with neoprene valve plugs confined with stainless steel springs. The pressure and vacuum relief valves shall release at a differential pressure of 1 psi.

Sewer Guard as manufactured by Preco Industries, Ltd., or equal.

p. Pipes for Inverts

ASTM D3034 SDR 35 PVC.

2.6.1.10 Pumping Stations

Pumping stations shall include above ground fiberglass reinforced enclosures housing self-priming, horizontal, centrifugal, v-belt motor driven sewage pumps, valves, internal piping, emergency by-pass piping connections, motor and level controls, internal wiring, emergency power, and remote monitoring.

The pumping station equipment and accessories shall be provided as a complete system package, factory assembled and tested by the pump manufacturer. Self-priming Super T or Ultra V Series pumping station for automatic operation, as manufactured by Gorman Rupp Company or equal.

Pumps 15HP and greater shall be provided with soft starts. Where required by the Engineer or the Town, variable frequency drives shall be provided.

Emergency power generation shall consist of a Gorman Rupp Company "Auto Start" pump or equal.

Remote monitoring shall consist of FSI Systems, Inc. Phoenix Sentry Internet Enabled Monitoring System, with battery back-up and padlock adapter or equal.

Provide two (2) sets of Operation and Maintenance Instructions with submittal of shop drawings.

2.6.2 INSTALLATION OF MAIN SEWERS, BUILDING SEWERS AND FORCE MAINS

2.6.2.1 Handling Materials

The Contractor shall inspect pipe for damage before unloading. The pipe shall be unloaded in accordance with the manufacturer's instructions and with care to avoid damage. Pipe shall not be dropped or bumped against pipe already on the ground or any other object on the ground. Prevent damage to the pipe ends. Keep interior and ends of pipe free from dirt.

The pipe shall be lowered into the trench to prevent impact and damage. As the pipe is lowered, the ends and interior of the pipe shall be inspected for cleanliness and shall be cleaned, if necessary. Do not allow the pipe to be dragged along the ground or trench bottom.

2.6.2.2 Making Joints

Joints shall be made in accordance with the manufacturer's instructions and direction of the Engineer. Glued joints will not be allowed.¹ The interior of the pipe and coupling already in place shall be cleaned, the gasket inserted in the groove, lubricant applied, and the length of pipe to be installed pushed home. A gauge shall then be used to verify that the rubber ring is located in the groove all the way around.

The pipe joint shall not be made under water.

2.6.2.3 Other Installation Requirements

Pipe installation shall commence at the lowest elevation and shall terminate only at manholes. Pipe bells or couplings shall be laid on the upstream end.

Each section of pipe shall rest on the prepared pipe bed or cradle for the full length of the barrel. The pipe shall be laid true to established line and grade to within 1/4 inch. Any pipe that is disturbed after laying shall be taken up and relaid.

If a trench shield is used, the pipe joint shall not be covered until after the shield has been advanced in the trench and the joint has been inspected for movement.

The upstream end of the pipe shall be plugged at all times when pipe laying is not in progress. Water and dirt shall be prevented from entering the pipe.

2.6.2.4 Special Requirements for Main Sewers

Tee branches for building sewers shall be installed at the locations shown on the drawings or as directed by the Engineer. The tee branches shall be installed with the main sewer pipe.

2.6.2.5 Special Requirements for Building Sewers

Building sewers shall be a minimum 4 inch diameter unless otherwise shown and shall be laid at a grade of 1/4 inch per foot. A riser shall be installed if necessary,

so that the building sewer can be laid at a grade of 1/4 inch per foot to meet the required end elevation.

Concrete cradle, bend, end cap, and marker shall be installed for each building sewer before backfilling the main sewer pipe. If risers are to be used, they shall also be installed with these fittings.

Building sewer extensions to the street right-of-way shall be made as required after the main sewer has been completed or may be installed immediately after installation of the main sewer.

Whenever the end of a building sewer is to be backfilled, whether temporarily or permanently, a removable plug or end cap shall be installed. The plug or end cap shall be braced with removable blocking to prevent movement during testing. A hardwood or pressure treated 2" x 4" marker extending three feet above finished grade shall be placed at the end of all laterals.

2.6.2.6 Special Requirements for Force Mains

Force main installation shall commence at the pumping station with pipe bells or couplings laid on the upstream end. The force main shall slope up from the pumping station to the discharge manhole without sags, dips or air pockets.

Force main fittings shall be provided with concrete backing against undisturbed earth to prevent movement during testing and operation. Soft, unstable soil may require the use of tie rods and clamps.

Provide a minimum area of 2.0 square feet of blocking against undisturbed earth for each force main fitting.

2.6.2.7 Repairs

If it is necessary to repair or relay a section of pipe due to broken pipe, faulty line or grade, or any other reason, repair clamps shall not be used, but the pipe to be repaired shall be removed and replaced with new pipe.

2.6.3 INSTALLATION OF MANHOLES AND PUMPING STATIONS

2.6.3.1 Handling and Setting Manholes

Precast manhole sections shall not be shipped or handled until concrete is completely cured. Any damage that occurs during shipping or handling shall be cause for rejection. Precast sections shall be inspected before unloading and any sections that have been damaged or do not meet the specifications shall not be unloaded.

Set the manholes on concrete cradle as detailed. All pipe openings shall be performed as detailed.

2.6.3.2 Openings and Joints

Openings around pipes and lift holes shall be completely filled with nonshrink grout and after initial set waterproofed on the outside with two coats of dampproofing. Riser, top, and grade ring joints shall be made using nonshrink grout in a sufficient quantity to cover the joint approximately 1/4 inch thick for a strip 4 inches wide all around the outside of the manhole and waterproofed by covering with two coats of dampproofing. All joints and openings shall be closed upon setting the manhole.

2.6.3.3 Benches and Inverts

Benches shall be constructed of NYSDOT class A concrete and sloped to drain. Change in size and grade shall be made gradually and evenly. Changes in direction of the sewer and entering branches shall have a radius 1/2 the inside diameter of the manhole. Apply 2 coats of SIKAGARD 62 epoxy resin coating to bench walls. Sprinkle silica sand on top of freshly coated bench walls. In highly corrosive conditions/areas, Town Engineer may require epoxy coatings to be applied to manhole walls and top slab.

Inverts shall be formed of half pipe PVC or VTP. For PVC pipe, anchor in place with 1/2 inch diameter x 2.5 inch long stainless steel carriage bolts. Locate the round head of the bolt on the inside of the pipe with a SS washer and nut, snugged tight on the outside. Bolt hole should be at least two inches below the top of the pipe. Anchors should be installed 12 inches on-center each side of the invert pipe. Brick formed inverts may be used when approved by the Town Engineer. Refer to the Precast Concrete Sanitary Manhole detail; brick shall be installed above the half pipe section to set the elevation of the manhole bench wall to the top of the pipe elevation across the manhole.

2.6.3.4 Grade Rings and Covers.

Grade rings shall be used to bring the manhole cover and frame to an elevation 1/4 inch below finished grade in paved areas and to meet finished grade in other areas. Total height of grade rings shall not exceed 8 inches.

2.6.3.5 Manhole Cover Inserts

Furnish and install watertight manhole cover inserts where shown on the drawings or designated by the Engineer.

After completion of all other work on the manhole, clean manhole frame bearing surface of all dirt and debris. Place insert with the rim gasket in full contact on the frame bearing surface. Replace the manhole cover being careful to prevent damage to the pressure and vacuum relief valves.

Test the seal with water after installation of the manhole cover insert. If infiltration is more than 1 gallon per 24 hours, remove the manhole cover, reseal the insert rim gasket, and retest the seal.

2.6.3.6 Installation of Pumping Stations

Install pumping station structure, enclosure, and mechanical and electrical equipment as shown on the drawings. Installation of pumps, level control system, electrical equipment, and related components shall be in accordance with the manufacturer's instructions.

The electric service for the pumping station shall be as shown on the drawings. Arrangements for the final connection shall be made by the Contractor.

Remote monitoring systems shall be as shown on the plans. Arrangements for activation shall be made by the Contractor.

Install an underground electric service at a minimum depth of 24 inches, from the connection on the power company power pole to the meter box. Use galvanized heavy wall rigid conduit from the conduit on the electrical control panel to the power pole.

All electrical work shall conform to National Electrical Code and shall meet all requirements of the New York Board of Fire Underwriters. Upon completion of the work, the Contractor shall furnish a certificate of inspection and approval by the New York Board of Fire Underwriters. Inspections and final approval of the work shall be obtained and paid for by the Contractor.

Provide lightning arresters on the electric service located adjacent to the meter in accordance with National Electrical Code requirements.

Provide the proper electrical equipment including any transformers necessary for the electric service provided, to operate pumps, controls and accessories at their respective voltage and ampere ratings.

All metal conduits, cabinets and other enclosures and neutral conductor of systems shall be permanently grounded to grounding rods or underground piping. Make all ground connections as required by the National Electrical Code. All circuits and feeders shall be tested and proven free of improper grounds.

2.6.4 PREPARATION OF SEWER SYSTEM FOR USE

2.6.4.1 General

Provide all labor and equipment for cleaning and testing including hoses, pumps, plugs, temporary connections, gauges, meters and measuring devices to perform the specified tests. Testing shall be done under observation of the Engineer for the Town.

2.6.4.2 Water Supply for Testing and Flushing

The Contractor shall make arrangements for furnishing and disposing of water for testing.

2.6.4.3 Cleaning and Flushing

Each section of sanitary sewer and all wet wells shall be flushed to remove all silt, sand, gravel, and other debris prior to testing. Hydraulic propelled devices, rodding equipment or machines for direct removal shall be used if any sections of pipe cannot be flushed clean.

Flushing shall be started at the highest end and proceed to the lowest end of the system. All debris shall be removed at each consecutive manhole and shall not be flushed into downstream sections.

2.6.4.4 Testing Requirements

All sewers, manholes, and wet wells shall be tested for exfiltration and infiltration. Exfiltration testing of sewers shall be done by the use of compressed air. Manholes and wet wells shall be tested for exfiltration by water testing or by vacuum testing.

Force mains shall be tested by hydrostatic pressure test.

Any section of sewer and force main, and any manhole that does not meet the specified test results must be repaired and retested until a satisfactory test is completed.

Tracer wire or detectable metal tape shall be tested for continuity.

2.6.4.5 Air Testing Main Sewers and Building Sewers

Building sewers shall be tested with the main sewer and the following procedure shall be used:

- (a) The test shall be conducted between two (2) consecutive manholes.
- (b) The test section of the sewer line shall be plugged at each end. One of the plugs used at the manhole must be tapped and equipped with air inlet connection for filling the line from the air compressor.
- (c) Ends of building sewers, cleanouts, stubs and fittings into the sewer test section shall be properly capped or plugged, and carefully braced against the internal pressure to prevent air leakage.
- (d) An air hose shall be connected to tapped plug from the portable air control equipment which shall include valves and pressure gauges to control the air entry rate, and to monitor the air pressure in the pipeline.
- (e) A second air hose shall be connected between the air compressor and the air control equipment.
- (f) Supply air to the test section slowly, filling the pipeline until a constant pressure of 3.5 psig is maintained. The air pressure shall be regulated to prevent the pressure inside the pipe from exceeding 5.0 psig.

- (g) When constant pressure of 3.5 psig is reached, throttle the air supply to maintain the internal pressure above 3.0 psig for at least five minutes. This time permits the temperature of the entering air to equalize with the temperature of the pipe wall.
- (h) After the stabilization period, the air pressure shall be adjusted to 3.5 psig and the air supply disconnected. Observe the gauge until the air pressure reaches 3.0 psig. At 3.0 psig, commence timing with a stop watch which is allowed to run until the line pressure drops to 2.5 psig, at which time the stop watch shall be stopped. The time required, as shown on the stop watch, for a pressure loss of 0.5 psig shall be used to compute the air loss.
- (i) An air pressure correction shall be required when the prevailing groundwater is above the sewer line being tested. Under this condition, the air test pressure shall be increased to 0.433 psig for each foot the groundwater level is above the invert of the pipe.
- (j) When building sewers are tested with the main sewers, the time requirement shall be determined by averaging the time for each diameter in proportion to the length of each size of pipe tested.
- (k) If the length of the sewer being tested is less than 200 feet, an adjustment shall be made for the length and diameter of pipe in determining the allowable length of time for the loss of air at the average rate of 0.0011 cubic feet per minute per square foot of internal pipe surface under test from 3.0 psig to 2.5 psig.

Any time in paragraph (h) which is less than 5 minutes, 6 seconds shall be cause for rejection.

2.6.4.6 Water Testing Manholes and Wet Wells

Exfiltration tests shall be conducted on all manholes and wet wells by filling the manhole or wet well with water to the top of the cast iron frame and allowing to stand for at least two hours. More than one inch drop in water level shall be cause for rejection.

2.6.4.7 Infiltration Testing

A satisfactory infiltration test will be required for all sections of sanitary sewers before final acceptance of the system. The infiltration test shall include main sewers, building sewers and manholes, and the following procedure shall be used.

- (a) The test shall be conducted in the downstream manhole.
- (b) Any leaks into manholes shall be repaired prior to conducting the test.
- (c) Place a V-notch weir into the upstream pipe in the manhole. The weir shall be installed so as to maintain a watertight seal between the weir and the interior surface of the pipe to prevent water by-passing the V-notch weir.

V-notch weirs shall be commercially manufactured specifically for infiltration testing of sewers. All weirs used for testing shall be approved by the Engineer.

- (d) After the V-notch weir has been installed, allow 24 hours for the infiltrating water to build-up and level off behind the weir, and thus permit a steady, uniform flow to pass over the V-notch weir.
- (e) Measurements shall be taken after steady flow occurs over the V-notch weir. Leakage is determined from the readings, either directly or by converting the readings of the flow into terms of gallons per inch of pipe diameter per mile per day.

Infiltration rates exceeding 100 gallons per day per inch of sewer diameter per mile shall be cause for rejection.

2.6.4.8 Deflection Testing

Deflection tests shall be performed on all flexible pipe main sewers. The test shall be conducted after the final backfill has been in place at least 30 days. No pipe shall exceed a deflection of 5%. If the deflection test is to use a rigid ball or mandrel, it shall have a diameter equal to 95% of the inside diameter of the pipe. The test shall be performed without mechanical pulling devices.

2.6.4.9 Vacuum Testing of Manholes

Each manhole shall be tested immediately after assembly and prior to backfilling. All lift holes shall be plugged with an approved non-shrink grout. All pipes entering the manhole shall be plugged, taking care to securely brace the plug from being drawn into the manhole.

The test head shall be placed at the inside of the top of the cone section and the seal inflated in accordance with the manufacturers' recommendations.

A vacuum of 10 inches of mercury shall be drawn and the vacuum pump shut off. With the valves closed, the time shall be measured for the vacuum to drop to 9 inches. The manhole shall pass if the time is greater than 60 seconds for 48" diameter, 75 seconds for 60", and 90 seconds for 72" diameter manholes.

If the manhole fails the initial test, necessary repairs shall be made with a non-shrink grout while the vacuum is still being drawn. Retesting shall proceed until a satisfactory test is obtained.

2.6.4.10 Testing Force Mains

Pressure test force mains by filling with water, expelling air, applying hydrostatic pressure of 50 psi above normal operating pressure at lower end of force main

for a 2 hour period. After 2 hours, if the pressure has fallen below 50 psi, measure the volume of water necessary to bring pressure up to 50 psi.

Leakage shall not exceed 0.17 gallons per inch of pipe diameter per 1,000 feet per 2 hours. Leakage shall be located and repaired until this limitation is met.

2.6.4.11 Inspection after Testing

After testing, the Engineer will make a complete visual inspection of the system. The Contractor shall remove and replace manhole covers and furnish lights to assist the Engineer in making this inspection. All defects shall be promptly repaired by the Contractor.

2.6.4.12 Testing Pumping Stations

The pumping station piping, equipment and control systems shall be tested for proper operation under normal operating conditions for all anticipated conditions, including emergency power. Testing shall include the station's remote monitoring system. In the presence of the Engineer for the Town, and water Superintendent of the Village of Waterloo, the manufacturer's representative shall inspect the installation and operation of the equipment and controls, and make adjustments as necessary for proper operation of all equipment and systems.

Upon completion of testing, provide manufacturer's certification that the equipment has been installed and operates in accordance with the manufacturer's specifications.

2.7 STORM DRAINAGE SYSTEM

2.7.1 MATERIALS FOR STORM DRAINAGE SYSTEM

2.7.1.1 Storm Sewers and Culverts (RCP)

NYSDOT 706-02 Reinforced Concrete Pipe (RCP), Class IV, Wall B minimum, bell and spigot type elastomeric gasketed joints, with fully bituminous coated CMP or SDR 35 PVC laterals and couplings. Provide for culverts NYSDOT 706-07 Reinforced Concrete Pipe End Sections.

2.7.1.2 Storm Sewers and Culverts (CMP)

NYSDOT 707-02, Corrugated Steel Pipe (CMP), helically corrugated, 14 gauge minimum thickness, galvanized, fully bituminous coated, including bituminous coated corrugated steel connecting bands, branch tees and laterals. Provide for culverts NYSDOT 707-10 Galvanized Steel End Sections.

2.7.1.3 Storm Sewers and Culverts (CPEP)

NYSDOT 706-14, Corrugated Polyethylene Storm Drain Pipe, smooth interior, conforming to AASHTO M-252 and M-294, including split couplings corrugated to

engage a minimum of four pipe corrugations and neoprene gaskets, branch tees and laterals. Provide for culverts NYSDOT 707-10 Galvanized Steel End Sections.

2.7.1.4 Polyvinyl Chloride (PVC) Building Sewer

ASTM D3034-SDR 35, PVC Plastic Gravity Sewer Pipe and fittings with elastomeric gasket joints. Glued joints will not be allowed

2.7.1.5 Perforated Piping Between Catch Basins, Underneath Town Road.

12-inch diameter and larger, NYSDOT 706-12 Smooth Interior Corrugated Polyethylene Pipe

2.7.1.6 Concrete

NYSDOT Section 501, Portland Cement Concrete, Class A.

2.7.1.7 Reinforcing Steel

ASTM A-6 15, Grade 60 deformed reinforcing steel.

2.7.1.8 Nonshrink Grout

ASTM Nonshrink, high strength, non-metallic, water resistant, pre-mixed grout. Octocrete as manufactured by Penncrete Products Company, or equal.

2.7.1.9 Concrete Curing Compound

ASTM C-309 liquid membrane-forming compound for curing concrete.

2.7.1.10 Concrete Cradle

NYSDOT Section 501, Portland Cement Concrete, Class B, 2-inch maximum slump.

2.7.1.11 Manholes

a. Bases, Risers, and Cone Tops

Precast reinforced concrete manhole units conforming to NYSDOT 706-04 requirements for circular manhole units and ASTM C-478. Refer to Standard Details for dimensions, minimum base slab reinforcing steel and other features.

b. Cover Slabs

Precast reinforced concrete cover slabs. NYSDOT 555-2, Structural Concrete, Class A conforming to NYSDOT 501-1, 501-2 and 501-3, and ASTM A-615, Grade 60 deformed reinforcing steel. Refer to Standard Details for cover slab dimensions, reinforcing steel and other features.

c. Base, Riser, and Cover Slab Joints

Tongue and groove joints set in fast setting, nonshrink, high strength, water resistant, nonmetallic, premixed grout.

Continuous solid rubber ring gasketed joints conforming with ASTM C-443 will be considered by the Engineer in lieu of the nonshrink grout joints.

d. Manhole Steps

Aluminum Alloy 606 1 -T6, forged from a solid extruded section Part No. 12653A as manufactured by Aluminum Company of America or Relgrit Part No. LR-800 as manufactured by Reliance Steel Products Company, or equal.

The portion of the step embedded in concrete shall be painted with a six mil coat of Bitumastic No. 505 as manufactured by Koppers Company or a 15 mil coat of DeGraco Moisture/Gard 9330 thick black as manufactured by the Detroit Graphite Company, or equal.

e. Dampproofing

Two 3.6 wet mil coats of bitumastic black coal tar sealer / damp-proofing applied by the manufacturer on interior and exterior surfaces, except the base slab. RC-30 as manufactured by Midland Asphalt, Hydrocide 700B as manufactured by BASF or equal.

f. Manhole Frames and Covers.

Castings shall be uniform quality and shall be free from blow holes, porosity, hard spots, shrinkage defects, cracks, fins, burrs, sand and slag. Castings shall be cleaned by sand blasting and shall be asphalt coated by the manufacturer. Materials shall conform to ASTM A-48, Class 30.

Castings shall be true to pattern with satisfactory fit of component parts. Bearing surfaces shall be ground or machined. Castings shall be designed to carry a wheel load of 16,000 pounds plus impact.

Total weight of frame and cover shall be not less than 300 pounds.

Standard manhole frame and cover, Catalog No. R-1726, Type B, indented top design as manufactured by Neenah Foundry Company, or Catalog No. 1042 indented top design as manufactured by Syracuse Castings Sales Corporation, or equal.

g. Grade Rings

ASTM C-478 precast reinforced concrete rings, 2 inches thick, 8 inches wide, and 24 inches I.D.

h. Brick

ASTM C-32 sewer and manhole clay or shale brick.

2.7.1.12 Inlets

a. Concrete Catch Basins

Precast, reinforced concrete catch basins conforming to NYSDOT 706-04, designed for AASHTO HS-20 loading. Refer to Standard Details for dimensions and other requirements.

b. Concrete Brick and Block

ASTM C-139 solid load bearing units.

c. Mortar

ASTM C-270, Type M. Mix design by volume shall be one part Portland Cement, one part masonry cement, and five parts mortar sand. Lime shall not be used.

d. Inlet Frame and Grate

NYSDOT 655-2.02, Frames and Grates. Rectangular steel welded grates and frames, galvanized, supplied with locking devices

e. Damp-proofing

Two 3.6 wet mil coats of bitumastic black coal tar sealer / damp-proofing applied by the manufacturer on interior and exterior surfaces, except the base slab. RC-30 as manufactured by Midland Asphalt, Hydrocide 700B as manufactured by BASF or equal.

2.7.1.13 Dry Wells

1. According to the NYSSMDM, dry wells may be constructed by lining an excavation with filter fabric and filling with bank run gravel.
2. As an alternative, precast products are recommended, for ease of maintenance and for larger capacity (with the same volume of space), such as Kistner Concrete Products, Inc. or Lakelands Concrete Products, Inc. "Leaching Chamber" or similar.
3. Where practical, use roof gutter guards and/or sumps or traps (with clean-outs) in the conduit(s), to minimize the potential pollution entering the dry well.

2.7.2 INSTALLATION OF STORM SEWERS

2.7.2.1 Alignment and Grade

Pipe installation shall commence at the lowest point with pipe bells laid on the upstream end. Pipe shall be installed at the elevation and grades shown on the drawings and with straight alignment between manholes and inlets.

2.7.2.2 Preparation of Pipe Bed

When crushed stone cradle pipe bedding for pipe is not required, the² pipe bed shall be prepared using hand tools to shape the bottom of the trench to match the barrel of the pipe with recesses for the joints. The pipe bed shall provide as nearly as possible a uniform and continuous bearing for the full length of the pipe between joints. Tolerances up to ¼ inch ± variance in the pipe bed will be permitted.

Except where excavation for rock or unsuitable foundation material is required, care shall be taken not to excavate below the depth necessary to lay the pipe. If excavation does exceed the necessary depth, the trench shall be backfilled under the pipe with crushed stone, thoroughly tamped.

Where rock is encountered, it shall be removed to a depth six inches below the bottom of the pipe. Support the pipe on crushed stone cradle.

Where wet or unsuitable foundation material is encountered, it shall be removed. Support the pipe on crushed stone cradle.

2.7.2.3 Handling Pipe

The Contractor shall inspect pipe for damages before unloading. The pipe shall be unloaded with care to avoid damage. Pipe shall not be dropped or bumped against pipe already on the ground or any other object. Keep the pipe ends and interior clean.

2.7.2.4 Making Joints

Joints shall be made in accordance with the manufacturer's instructions and as directed by the Engineer. Joints shall not be made under water.

2.7.2.5 Installation of Pipe

Each length of pipe shall rest on the prepared pipe bed or cradle for the full length of the barrel. The pipe shall be laid true to established line and grade to within ¼ inch. Any pipe that is disturbed after laying shall be taken up and re-laid.

If a trench shield is used, the pipe joint shall not be covered until after the shield has been advanced in the trench and the joint has been inspected for movement.

2.7.2.6 Repairs

If it is necessary to repair or relay a section of pipe due to broken pipe, faulty line or grade, or any other reason, repair clamps shall not be used, but the pipe to be repaired shall be removed and replaced with new pipe.

2.7.3 INSTALLATION OF MANHOLES

2.7.3.1 Handling and Setting Manholes

Precast manhole sections shall not be shipped or handled until concrete is completely cured. Any damage that occurs during shipping or handling shall be

cause for rejection. Precast sections shall be inspected before unloading and any sections that have been damaged or do not meet the specifications shall not be unloaded.

Set the manholes on crushed stone cradle as detailed. All pipe openings shall be performed as detailed.

2.7.3.2 Openings and Joints

Openings around pipes and lift holes shall be completely filled with nonshrink grout and after initial set waterproofed on the outside with two coats of dampproofing. Riser, top, and grade ring joints shall be made using nonshrink grout in a sufficient quantity to fill the joint completely and to cover the joint approximately $\frac{1}{4}$ inch thick for a strip 4 inches wide all around the outside of the manhole and waterproofed by covering with two coats of dampproofing. All joints and openings shall be closed immediately upon setting the manhole.

2.7.3.3 Benches and Inverts

Benches and inverts shall be formed of concrete and accurately shaped to a semicircular section conforming to the inside of the adjacent sewer pipe. Change in size and grade shall be made gradually and evenly. Changes in direction of the sewer and entering branches shall have a radius $\frac{1}{2}$ the inside diameter of the manhole.

2.7.3.4 Grade Rings and Covers

Grade rings shall be used to bring the manhole cover and frame to an elevation $\frac{1}{4}$ inch below finished grade in paved areas and to meet finished grade in other areas. Total height of grade rings shall not exceed 8 inches.

2.7.4 INSTALLATION OF INLETS

Set precast inlets on concrete cradle as detailed. Construct inlets in accordance with NYSDOT 604-3, and as shown in the Standard Details.

Openings around pipes shall be completely filled with non-shrink grout. Inverts and benches shall be formed of concrete and shaped to drain.

Frames and grates shall be set in full mortar beds.

2.7.5 INSTALLATION OF DRY WELLS

1. Protect infiltration area from compaction prior to installation.
2. Excavate dry well area and line with non-woven filter fabric (such as Mirafi 180-N or Carthage FX-80S). A sand layer may be used at on the bottom of the dry well in lieu of filter fabric. Sand shall be washed and meet AASHTO Std. M-43, Size No. 9 or No. 10.

3. Place washed bank run gravel (meeting size requirements for AASHTO Std. M-43; Size No. 2 or No. 3) in the lined area, to within 12" of the ground surface. See NYSSMDM C.2, "Construction Specifications for Infiltration Practices" for additional material and installation requirements. ALTERNATIVELY, excavate for precast structure. Install stone bedding layer at bottom of excavation, and place precast structure. Fill sides with additional stone envelope (12" width from dry well perimeter, for full depth of dry well). In both instances, top the dry well excavation with topsoil.
4. If possible, install dry well(s) during later phases of site construction to prevent sedimentation and/or damage from construction activity.

2.7.6 PREPARATION FOR USE

2.7.6.1 Cleaning

All pipes and appurtenances shall be cleaned by flushing or mechanical methods to remove all foreign material. Water shall be furnished and disposed of by the Contractor.

2.7.6.2 Inspection

After cleaning, the Engineer will make a complete visual inspection of the system. The Contractor shall remove and replace manhole covers and furnish lights to assist the Engineer in making this inspection.

2.8 ROADWAYS AND STREETS

2.8.1 MATERIALS

2.8.1.1 Granular Fills

NYSDOT 203-2.02C, Select Granular Fill except that the material shall have the following gradation:

<u>U.S. Standard Sieve</u>	<u>Percent Passing By Weight</u>
2"	100
No. 40	0 – 70
No. 200	0 – 15

2.8.1.2 Foundation Course

NYSDOT 304-2, Subbase Course, Type 4, gravel or crushed stone, with the following gradation limits:

<u>U.S. Standard Sieve</u>	<u>Percent Passing By Weight</u>
2"	100

1"	75 – 100
1/4"	30 – 65
No. 40	5 – 40
No. 200	0 – 10

2.8.1.3 Crushed Stone for Underdrain

NYSDOT 703-0201, Crushed Stone, consisting of equal parts of Size 1 and 2 washed crushed stone.

2.8.1.4 Filter Fabric for Underdrain and Perforated Pipe

High porosity nonwoven geotextile fabric composed of polypropylene filaments, Mirafi 140N as manufactured by Mirafi, Inc.

2.8.1.5 Underdrain Pipe

NYSDOT 706-13, Corrugated Polyethylene Storm Drain pipe (CPEP), perforated, conforming to AASHTO M252, including corrugated split couplings. Provide minimum one foot cover, as measured from the bottom of the subbase, over underdrain pipe.

2.8.1.6 Geotextile Fabric

Nonwoven or woven geotextile fabric for stabilization of soft subgrade, conforming to AASHTO/AGC Task Force 25 Specifications and the following minimum requirements:

<u>Fabric Property</u>	<u>ASTM</u>	<u>Property Value</u>
Tensile Strength	D-4632	180 lbs
Puncture	D-4833	75 lbs
Trapezoidal Tear	D-4533	75 lbs
UV Resistance	D-4355	70 %

2.8.1.7 Crushed Stone

NYSDOT 703-0201, Crushed Stone, Size 1A for surface treatment, or size selected by Engineer.

2.8.1.8 Bituminous Material

NYSDOT 702-3 101, Asphalt Emulsion, Grade RS-2, or grade and type of material selected by Engineer and Contractor.

2.8.1.9 Asphalt Concrete

NYSDOT 400, Bituminous Plant Mix, Type 3 (19.0 mm) Binder Course and Type 6F (12.5 mm) Top Course.

2.8.1.10 Concrete

NYSDOT Section 501, Portland Cement Concrete. Class and compressive strength as specified.

2.8.1.11 Sidewalks

NYSDOT 608-2, Conventionally Formed Concrete Sidewalks, Class A, except that wire fabric reinforcing shall be omitted. with the exception of driveway crossings, refer to Concrete Sidewalk detail. Machine formed concrete sidewalks shall use Class J concrete.

2.8.1.12 Concrete Gutters

NYSDOT 624-2.02, Conventionally Formed Concrete Gutters, Class A concrete. NYSDOT 624-2.05, Machine Formed Concrete Gutters, Class J concrete).

2.8.1.13 Joint Fillers

NYSDOT 705-07, Premoulded Bituminous Joint Filler
NYSDOT 705-02, Asphalt Filler.

2.8.1.14 Curing Compound

NYSDOT 711-05 white pigmented membrane curing compound

2.8.2 CONCRETE TESTING

2.8.2.1 The Contractor shall be responsible to complete concrete compressive strength testing by an independent testing agency approved by the Town to ensure minimum strength requirements are achieved. The approved independent testing agency shall cast the concrete test cylinders during concrete placement.

2.8.2.2 At a minimum, the following testing frequency shall be followed:

a. Compression Test Specimen: ASTM C 31; One composite sample (minimum of 4 cylinders) for each day's pour of each concrete mix exceeding 5 cu. yd, but less than 25 cu. yd., plus one set of four standard cylinders for each additional 50 cu. yd. or fraction thereof. Mold and store cylinders for laboratory cured test specimens except when field-cure test specimens are required. One additional test cylinder will be taken during cold weather concreting, cured on job site under same conditions as concrete it represents.

b. Compressive Strength Tests: ASTM C 39; one set for each 25 cu. yds. or fraction thereof, of each concrete class placed in any one day; one specimen tested at seven days, two specimens tested at 28 days, and one specimen held for testing at 56 days if needed.

c. When frequency of testing will provide less than five strength tests for a given class of concrete, conduct testing from at least five randomly selected batches or from each batch if fewer than five are used.

d. When strength of field-cure cylinders is less than 85% of companion laboratory-cured cylinders, evaluate current operations and provide corrective procedures for protecting and curing the in-place concrete.

e. Strength level of concrete will be considered satisfactory if averages of sets of two consecutive strength test results equal or exceed specified compressive strength, and no individual strength test result falls below specified compressive by more than 500 psi.

2.8.2.3 The approved testing agency shall also conduct slump and air entrainment testing, as well as monitor surface and ambient air temperatures during concrete placement. Any batch of concrete that does not fall within the specified ranges shall be rejected and removed from the site of work. Concrete placed from the rejected batch shall be removed and reconstructed. As a minimum, testing frequency shall be as follows:

a. Slump: ASTM C 143; one test for each concrete load at point of discharge; and one test for each set of compressive strength test specimens.

b. Air Content: ASTM C 231 pressure for normal weight concrete; one for each set of compressive strength test specimens.

c. Concrete Temperature: Test hourly when air temperature is 40° F (4° C) and below, and when 80° F (27° C) and above; and each time a set of compression test specimens are made.

d. Batching: All concrete shall be batched from a NYSDOT accepted automated plant. Batch plant deliveries shall be accompanied with a ticket showing weights of ingredients in loads. Provide the Town Representative or Town Engineer a copy of the ticket at time of delivery.

2.8.3 PREPARATION OF SUBGRADE

Preparation of subgrade shall not be started until all underground utilities are installed, tested, and found acceptable by the Town.

After completion of all underground construction, grade the subgrade surface to the required cross-section and grade, and compact it to form a smooth surface free of ruts, depressions and mounds in accordance with the requirements of Section 3.4.5. Compaction. The final subgrade surface shall not deviate more than 1 inch from the required grade and cross-section.

The Contractor shall notify the Town Highway Superintendent, the Developer's Engineer, and the Engineer for the Town when the subgrade is completed. The completed subgrade shall be proof-rolled with a roller of not less than 10 tons operating weight. The subgrade shall not roll, deflect, displace or show cracking when proof-rolled.

Remove any soft or saturated subgrade material, replace it with granular fill and compact in accordance with requirements for Backfill and Embankments.

Geotextile fabric may be used only after obtaining written approval and where appropriate in the opinion of the Highway Superintendent and the Engineer for the Town. Subgrade shall be undercut to provide minimum thickness of foundation course based on fabric manufacturer's design curves for H25 loading and shear strength of subgrade soil. Soil support value shall be determined in the field by a soils engineer in accordance with AASHTO methods. Design information shall be submitted to the Engineer for the Town for review.

2.8.4 FOUNDATION COURSE

Do not start placing foundation course material until the subgrade is proof-rolled and inspected and approved by the Town Highway Superintendent.

Place, grade and compact the foundation course on completed subgrade surface to the alignment, grade and cross-section shown on the drawings. The subgrade surface shall be free of standing water, snow, ice and frozen material prior to placing the foundation course.

Construct the foundation course in accordance with NYSDOT 304-3. Compaction shall be in accordance with applicable requirements of NYSDOT 203-3.12, and shall provide not less than 95% of the maximum dry weight density of the material as determined by ASTM D698.

Construct the foundation course for roads and streets in two equal lifts to a minimum total compacted thickness of 12 inches. Construct the foundation course for sidewalks and gutters in a single lift to a minimum compacted thickness of 6 inches.

Adjust all manhole and drop inlet frames and covers, valve boxes, and other appurtenances to conform to finished grades.

2.8.5 UNDERDRAIN CONSTRUCTION

The Developer shall install perforated underdrain and crushed stone weeps to drain the subgrade. Construction of underdrain shall not be started until preparation of subgrade is completed.

Excavate the underdrain trench to conform to the detail on the Drawings. Place filter fabric carefully in the trench. Provide sufficient width to allow wrapping of the fabric over the top of the underdrain trench with a minimum of one (1) foot overlap. Transverse splices shall be in accordance with manufacturer's instructions.

Place the underdrain pipe in the trench with perforations in the down position and cap the high end of the pipe.

Stone shall then be carefully placed on the fabric and around the pipe, brought to normal subgrade elevation, and compacted prior to placement of the road base. After the stone has been placed, the filter fabric shall be wrapped over the top of the weep and fastened. Connect underdrain pipe to drop inlets and storm manholes.

2.8.6 PAVEMENT CONSTRUCTION

2.8.6.1 General

After completion of the foundation course and only after inspection and approval by the Town Highway Superintendent, construct pavements to the alignment, grade and cross-section shown on the drawings. The foundation course shall be free of standing water, snow, ice and frozen material prior to and during pavement construction.

The finished pavement surface shall be dense, smooth, free of ruts, ridges, roller marks, cracks, depressions or other irregularities. Any defective pavement that cannot be corrected by additional rolling shall be removed and replaced with new pavement.

The type of pavement shall be as shown on the drawings and on typical sections.

2.8.6.2 Asphalt Concrete Binder

Binder shall be constructed to a minimum compacted thickness of three (3) inches, or greater thickness as shown on the drawings, in accordance with applicable requirements of NYSDOT 402-3 and 403-3.³ The material shall be placed with a self-propelled bituminous paver conforming to NYSDOT 402-3.02, and compacted with vibrator type or static steel wheel type roller conforming to NYSDOT 402-3.04 Contractor to place all essential safety markings on binder course.

2.8.6.3 Asphalt Concrete Top

Before placing of the top course, the binder shall be cleaned of mud, dust and debris, and shall be inspected by the Town Highway Superintendent. Tack coat shall be applied at a rate of 0.1 gallon per square yard before placing the top course. Any depressions or settlements in the binder shall be repaired by shimming before applying the tack coat and placing the top course.

Top course shall be constructed to a minimum compacted thickness of one and a half (1 1/2) inch, or greater thickness as shown on the drawings, in accordance with applicable requirements of NYSDOT 402-3 and 403-3.

Placing and compaction shall be as specified for the binder course.

2.8.6.4 Bituminous Surface Treatment

Bituminous surface treatment shall be constructed on completed foundation course in accordance with NYSDOT 410-3.01 - Bituminous Surface Treatment - Pavement, by applying a first course of 0.25 - 0.50 gallons per square yard of bituminous material and 20 - 30 pounds per square yard of crushed stone, followed by a second course of 0.25 - 0.40 gallons per square yard of bituminous material and 15 - 25 pounds per square yard of crushed stone.

Stabilized shoulders shall be constructed on completed foundation course in accordance with NYSDOT 410-3.02 - Bituminous Surface Treatment – Shoulders, by applying 0.4 gallons per square yard of bituminous material followed by 20 - 30 pounds per square yard of crushed stone.

2.8.7 CONCRETE GUTTERS

2.8.7.1 General

NYSDOT 703-0201 washed stone weeps shall be provided under all concrete gutters.

Concrete gutters shall be constructed using conventional steel forms or machine forming.

Before setting forms, the foundation course shall be inspected by the Town Highway Superintendent. Any ruts, depressions and soft areas shall be corrected and the surface regraded and thoroughly compacted. The foundation course shall be thoroughly wetted before placing concrete.

Construct concrete gutters where indicated on the drawings in accordance with the Standard Details and NYSDOT 624-3.02.

2.8.7.2 Casting Segments

Conventionally formed gutters shall be cast in 8-foot segments. A 1/8-inch thick separator plate cut to fit the section shall be used in each joint and removed as the concrete hardens, or the gutter may be constructed in alternate sections, 24 hours to elapse before construction of adjacent sections. Construction joints shall be poured full with Asphalt Filler.

2.8.7.3 Conventional Forms

Forms shall be steel, straight, free from warp, and constructed not to interfere with inspection for grade or alignment. All forms shall extend for the full gutter depth and shall be braced and secured to prevent displacement from alignment during placing of concrete.

2.8.7.4 Concrete Placing and Finishing

Concrete shall be placed in conventional forms in accordance with the applicable requirements of NYSDOT 555-3.04. Excess concrete shall be screeded off perpendicular to the flow line of the gutter. Forms shall be left in place for 24 hours or until the concrete has sufficiently hardened, as determined by the Engineer, so that they can be removed without damage to the gutter.

The gutters shall be finished to produce a smooth surface and then lightly broomed to a uniform texture.

2.8.7.5 Machine Forming

Gutter shall be machine formed to the proper line and grade. The Engineer may require the Contractor to demonstrate that the specific equipment he proposes to use is capable of satisfactorily placing the concrete mix.

Any gutter placed outside of tolerance of 1/2 inch of the established line or 1/4 inch of the established grade shall be removed and replaced at the Contractor's expense.

Maximum placement slump shall be 2 1/2". Air content shall be within +1% of design.

2.8.7.6 Contraction Joints

Contraction joints for machine formed gutter shall be spaced every 10 feet and formed or sawcut 1/8" wide and 3/4" deep. The sawcut or formed joints shall be left unfilled.

2.8.7.7 Expansion Joints

Expansion joints for conventionally formed and machine formed gutter shall be 1/2-inches wide and shall be formed with Joint Filler, placed at intervals not to exceed 50 feet. The filler material shall be cut to conform to the cross-section of the gutter and shall extend the full width and depth of the gutter.

2.8.7.8 Concrete Curing

Curing shall comply with the requirements of NYSDOT 502-3.11, Curing. NYSDOT 711-05 white pigmented membrane curing compound shall be applied by spraying in accordance with manufacturer's instructions upon initial setting of the concrete.

2.8.7.9 Protection

The Contractor shall keep the gutter clean, aligned, and protected from damage until final acceptance of the work. Any gutter damaged prior to the final acceptance of the work shall be repaired or replaced at the Contractor's expense.

2.8.8 CONCRETE SIDEWALKS

2.8.8.1 General

Before setting forms, the foundation course shall be inspected by the Town Highway Superintendent. Any depressions, ruts and soft areas shall be corrected and the surface regraded and thoroughly compacted. The foundation course shall be thoroughly wetted before placing of concrete.

Construct concrete sidewalks where shown on the drawings in accordance with the Standards Details and NYSDOT 608-3.01.

2.8.8.2 Forms

Forms shall be steel, straight, free from warp and constructed not to interfere with screeding of concrete. Wood forms may be used only for curved sections. All forms shall extend the full 5-inch depth of the sidewalk and shall be braced and secured to prevent displacement of alignment during placing of concrete.

2.8.8.3 Concrete Placing and Finishing

Concrete shall be placed to the full depth as shown on the drawings and in the Standard Details.

Transverse construction joints shall extend to the full depth of the slab and shall be spaced 20 to 25 feet apart. The edges of joints shall be finished with an edging tool having a 1/4-inch radius.

A premolded bituminous joint filler 1/2-inch thick shall be installed at all construction joints and joints between sidewalk and curb, pavement and buildings.

The concrete surface shall be scored at intervals of three to five feet so that the finished walk will be marked in squares. The concrete shall be finished to produce a smooth surface and then lightly broomed to a uniform texture.

2.8.8.4 Curing

Curing shall comply with the requirements of NYSDOT 502-3.11, Curing. NYSDOT 711-05 white pigmented membrane curing compound shall be applied by spraying in accordance with manufacturer's instructions upon initial setting of the concrete.

2.8.8.5 Protection

The Contractor shall keep the sidewalk clean and protected from damage until final acceptance of the work. Any sidewalk damaged prior to the final acceptance of the work shall be repaired or replaced at the Contractor's expense.

2.8.8.6 Detectable Warnings

Install dark gray precast polymer panel, or cast iron, detectable warnings during construction of sidewalk curb ramps.

2.8.9 STREET AND TRAFFIC SIGNS

2.8.9.1 Street Signs

Temporary signs shall be installed at each street intersection when construction of new roadways allow passage by vehicles. Street signs shall be provided at all street intersections, shall be of the type approved by the Town Highway Superintendent, and shall conform to the requirements of NYS Manual of Uniform Traffic Control Devices.

2.8.9.2 Traffic Signs

Traffic signs shall be provided at intersections designated by the Town Highway Superintendent and shall conform to the requirements of NYS Manual of Uniform Traffic Control Devices.

2.8.10 MONUMENTS

Monuments shall be 4-inch diameter or square precast concrete 36 inches long, with a 1/2-inch steel reinforcing rod embedded in the center. The top of the rod shall serve as the point of reference.

Monuments shall be installed plumb, with the top set 1/4-inch lower than adjacent finished grade, at the locations shown on the approved final plans and staked out by a Licensed Surveyor. Fill the space around the monument with thoroughly compacted dry concrete.

2.8.11 PROPERTY CORNER MARKERS

During construction lots may be staked with wood hubs. After construction and final grading is completed, permanent corner markers consisting of 3/4-inch diameter solid steel rod 24-inches long shall be set by a Licensed Surveyor at all corners of each lot.

The top of the rod shall be set 1/4-inch lower than adjacent finished grade.

At the option of the property owner, monuments conforming to Section 3.8.10 may be used in lieu of steel rods.

2.8.12 CONSERVATION EASEMENT MARKERS AND BOUNDARY PINS

Boundary pins consisting of 3/4-inch diameter solid steel rod 24-inches long with the top set 1/4-inch lower than adjacent finished grade shall be set by a Licensed Surveyor.

Conservation easement markers shall be one of the following:

2.8.12.1 Pressure treated 4" x 4" wood posts, six (6) feet long, installed plumb, with the top set three (3) feet above adjacent finished grade, located within 12 inches of the conservation easement boundary pins.

2.8.12.2 Brown fiberglass posts, five (5) feet long, with pull out anchors, Glas-Flex (GFX) as supplied by Rockart, Inc., or equal as approved by the Town, set plumb, with the top set three (3) feet above adjacent finished grade, located within 12 inches of the conservation easement boundary pins.

2.8.12.3 In lawn areas, alternate durable, visible natural markers may be used in lieu of 3.8.12.1 and 3.8.12.2 above, and shall be located within 10 feet of the conservation easement boundary pins. Such alternate markers shall be submitted in advance for approval by the Town.

A sign, as approved by the Town, shall be attached to all markers, and shall include the following information: "Town Conservation Easement".

2.8.13 TOWN ROAD CROSSINGS

Town road crossings shall be made by boring unless specific approval is granted by the Town Highway Superintendent for open cut. If crossing by open cut is approved, the road shall be repaired in accordance with the Standard Detail of Typical Town Road Crossing Repair. All crossings shall require casing in accordance with

NYSDOT Specification Section 650 – Trenchless Installation of Casing.

SECTION 3.0 STANDARD DETAILS

SECTION 3.0 STANDARD DETAILS

STANDARD DETAIL INDEX

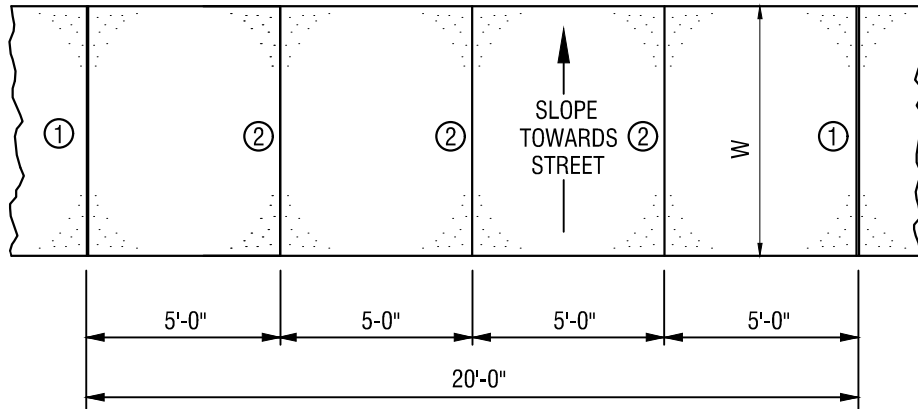
<u>Dwg No.</u>	<u>Title</u>
RS-1	Concrete Sidewalk
RS-2	Concrete And Granite Curb
RS-3	Concrete Gutter With Stone Weep
RS-4	Gutter Inlet
RS-5	Special Gutter Inlet
RS-6	Driveway Layout
RS-7	Typical Cul-De-Sac Layout Detail
RS-8	Typical Roadway Turn-Around
RS-9	Typical Roadway Sections
RS-10	Typical Driveway Sections
RS-11	Typical Major Commercial & Industrial Subdivision Road Entrance
RS-12	Mountable Curb
RS-13	Commercial & Industrial Subdivision Road Entrance Island Nose
RS-14	Monument And Property Corner Marker
RS-15	Decorative Timber Guide Rail
SA-1	Precast Concrete Sanitary Manhole
SA-2	Precast Concrete Sanitary Manhole With Eccentric Top
SA-3	Sanitary Sewer Outside Drop Connection
SA-ST-4	Sanitary & Storm Sewer Lateral
SA-ST-5	Sanitary & Storm Sewer Lateral
ST-1	Storm Sewer Drainage Manhole Set In Pavement Or Grass
ST-2	Storm Sewer Drainage Inlet Placed In Gutter
ST-3	Storm Sewer Drainage Inlet Set In Pavement Or Grass
TR-1	HDPE, PVC & DIP / Storm & Sanitary Sewer Pip Trench
TR-2	Rigid Pipe Storm & Sanitary Sewer Pipe Trench
TR-3	HDPE & PVC Perforated Pipe Storm Sewer Bedding
TR-4	Typical Trench Section In Non-Roadway Pavement Areas
TR-5	Typical Trench Section Crossing Existing Town Road

SECTION 3.0 STANDARD DETAILS

STANDARD DETAIL INDEX

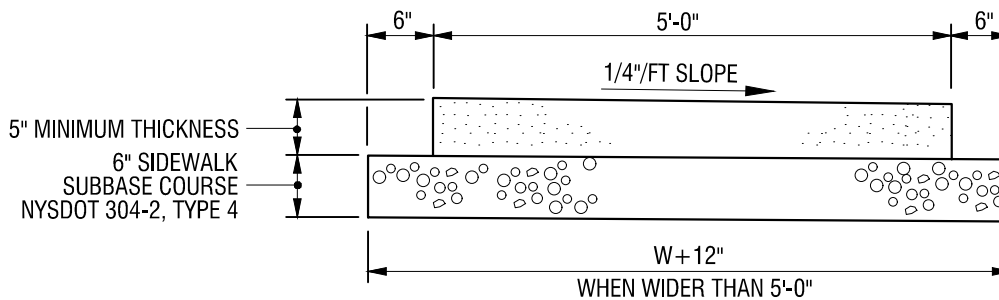
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WS-1	Water And Sewer Horizontal Separation
WS-2	Water Main And Sewer Crossing Vertical Separation Less Than 18"
WS-3	Precast Concrete Sanitary Manhole
WS-4	Vertical Thrust Block
WS-5	Horizontal Thrust Block
WS-6	Perpendicular Hydrant Assembly
WS-7	Water Main Crossing Below Sewer
WS-8	Water Meter Pit
WS-9	Water Service 2 inch & Smaller
WS-10	Disinfection Sampling Tap
WS-11	MJ Gate Valve
WS-12	Water Main Trench

DATE/TIME: Thursday, June 28, 2018 AT 10:33 AM
FILENAME: J:\Tyre, Town Of\2172262.03 - Const Specifications\Standard Details\2018 RS-1.dwg



- ① EXPANSION JOINT WITH PREMOLDED RESILIENT JOINT FILLER
② CONTRACTION / CRACK CONTROL JOINT, TROWEL OR SAW-CUT

PLAN



SECTION

NOTES

- 1) REFER TO TOWN OF TYRE DESIGN AND CONSTRUCTION STANDARDS FOR LAND DEVELOPMENT - SECTION 2 & 3, NYSDOT 608-3.01 PORTLAND CEMENT CONCRETE SIDEWALKS AND DRIVEWAYS, USFHA & ADA REQUIREMENTS.
- 2) CONCRETE SHALL CONFORM TO NYSDOT SECTION 501, NYSDOT CLASS A CONCRETE FOR CONVENTIONAL FORMED CONCRETE AND NYSDOT CLASS J CONCRETE FOR MACHINE FORMED CONCRETE
- 3) IMMEDIATELY AFTER PLACEMENT OF CONCRETE, THOROUGHLY COMPACT CONCRETE WITH MECHANICAL VIBRATING EQUIPMENT. THE USE OF MECHANICAL SCREEDING OR FINISHING EQUIPMENT (SUCH AS A JITTERBUG) SHALL NOT BE ALLOWED. ONLY HAND SCREEDING AND FINISHING SHALL BE ALLOWED.
- 4) NYSDOT 711-05 WHITE PIGMENTED MEMBRANE CURING COMPOUND SHALL BE APPLIED IMMEDIATELY AFTER FINISHING CONCRETE SURFACE IN ACCORDANCE WITH NYSDOT 502-3.11 AT A RATE OF 1.5 GALLONS PER 150 S.F. APPLY TO ALL EXPOSED SURFACES.
- 5) PROVIDE WELDED WIRE FABRIC CONFORMING TO NYSDOT 709-02. FABRIC SHALL BE PLACED WHEN SIDEWALK CROSSES A DRIVEWAY, EXTEND FABRIC 4'-0" FROM BOTH EDGES OF DRIVEWAY.
- 5) WHEN SIDEWALK AND CONCRETE CURB ARE PLACED ADJACENT TO ONE ANOTHER #4 REBAR SHALL BE DRILLED AND GROUTED OR PUSHED INTO BACK OF NEW CURB AT 2'-0" ON CENTER MAX. PLACE 6 MIL. PLASTIC BOND BREAKER THE DEPTH OF NEW SIDEWALK ON BACK OF CURB PRIOR TO POURING NEW SIDEWALK.

Town of
TYRE
NEW YORK

ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

CONCRETE SIDEWALK DETAIL

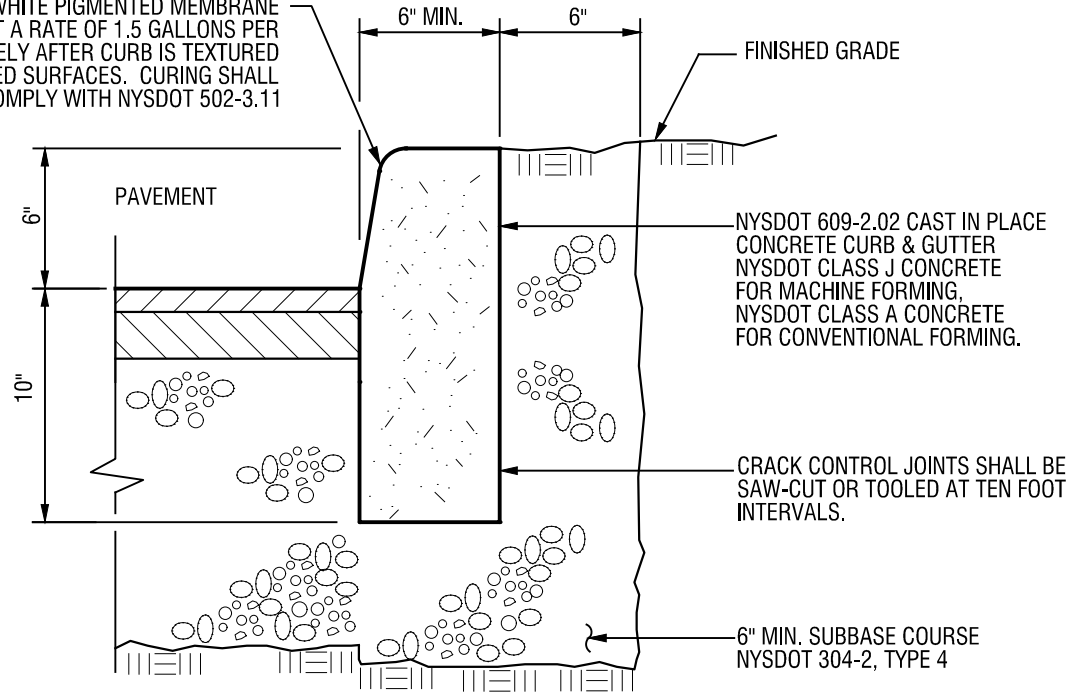
NOT TO SCALE

JULY 2018

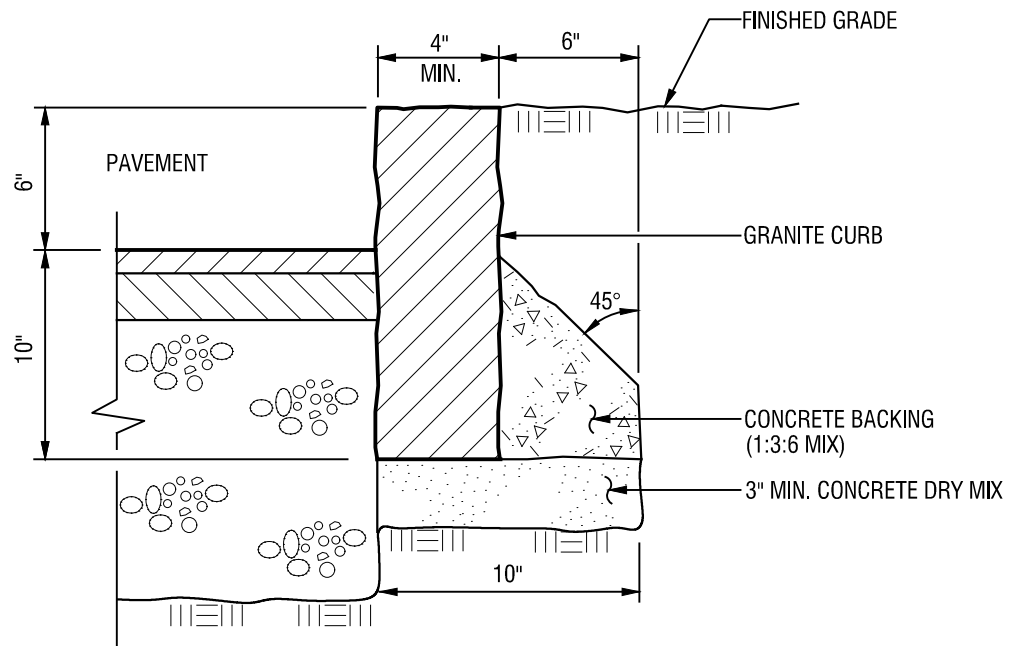
RS-1

DATE/TIME: Thursday, June 28, 2018 AT 10:50 AM
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PLACE NYSDOT 711-05 WHITE PIGMENTED MEMBRANE CURING COMPOUND AT A RATE OF 1.5 GALLONS PER 150 S.F. IMMEDIATELY AFTER CURB IS TEXTURED TO ALL EXPOSED SURFACES. CURING SHALL COMPLY WITH NYSDOT 502-3.11



CONCRETE CURB



GRANITE CURB

Town of
TYRE
 NEW YORK

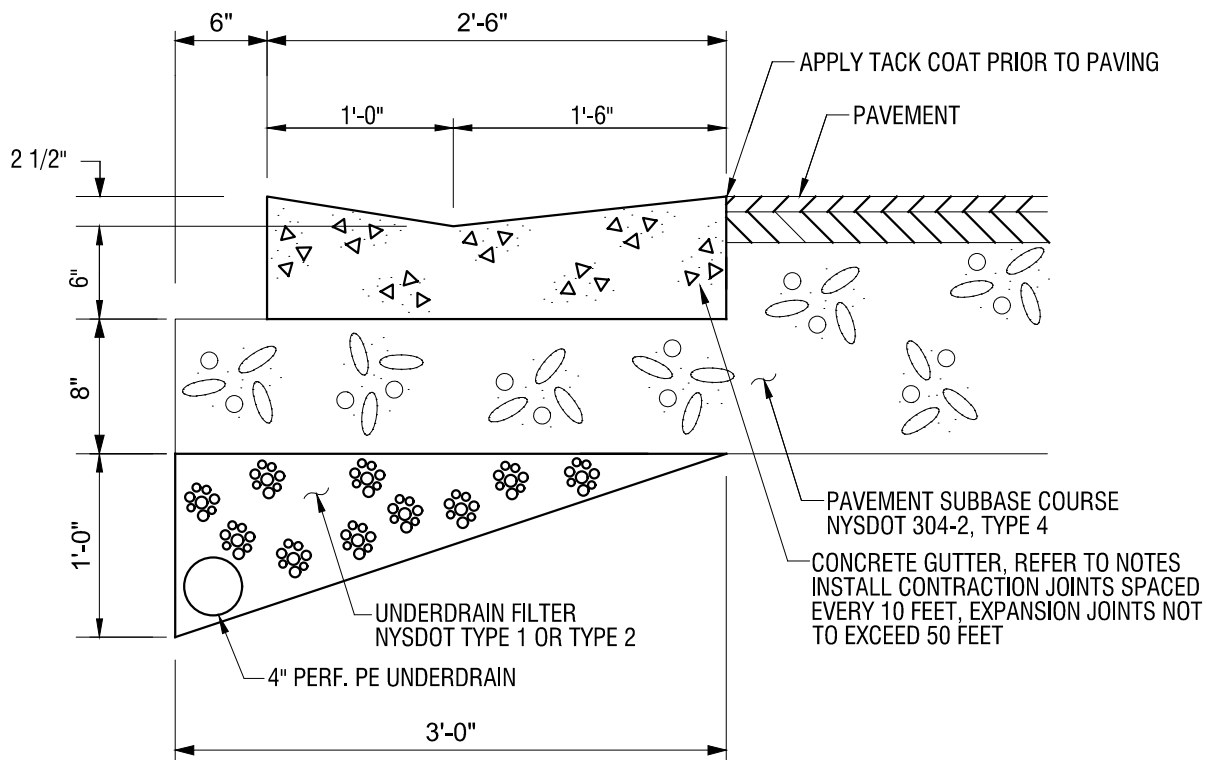
ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

CONCRETE & GRANITE CURB DETAIL

NOT TO SCALE

JULY 2018

RS-2



NOTES:

1. REFER TO TOWN OF TYRE DESIGN AND CONSTRUCTION STANDARDS FOR LAND DEVELOPMENT - SECTION 2 & 3 AND NYSDOT SECTION 609 CURB & GUTTER.
2. CONCRETE SHALL CONFORM TO NYSDOT 501, NYSDOT CLASS A CONCRETE FOR CONVENTIONAL FORMED CONCRETE AND NYSDOT CLASS J CONCRETE FOR MACHINE FORMED CONCRETE.
3. FOR CONVENTIONAL FORMED GUTTERS, IMMEDIATELY AFTER PLACEMENT OF CONCRETE, THOROUGHLY COMPACT CONCRETE WITH MECHANICAL VIBRATING EQUIPMENT. THE USE OF MECHANICAL SCREEDING OR FINISHING EQUIPMENT (SUCH AS A JITTERBUG) SHALL NOT BE ALLOWED. ONLY HAND SCREEDING AND FINISHING SHALL BE ALLOWED.
4. NYSDOT 711-05 WHITE PIGMENTED MEMBRANE CURING COMPOUND SHALL BE APPLIED IMMEDIATELY AFTER FINISHING CONCRETE SURFACE IN ACCORDANCE WITH NYSDOT 502-3.11 AT A RATE OF 1.5 GALLONS PER 150 S.F. APPLY TO ALL EXPOSED SURFACES.
5. WASHED CRUSHED STONE WEEPS NYSDOT 703-0201, SHALL BE PLACED DURING ROADBOX SUBGRADE CONSTRUCTION ALONG ENTIRE PORTION OF ROADWAY AND ROADWAY INTERSECTIONS WHEN STANDARD UNDERDRAIN PIPE AND TRENCH ARE NOT USED. 4" PERFORATED POLYETHYLENE UNDERDRAIN PIPE SHALL BE PLACED ON THE BACK SIDE OF THE WEEP EXTENDING A MINIMUM OF 10 FEET FROM BOTH SIDES OF DRAINAGE INLETS. WHEN DRAINAGE INLETS ARE PLACED IN ROADWAY LOW AREAS, UNDERDRAIN PIPE SHALL EXTEND 20' FROM BOTH SIDES OF DRAINAGE INLETS ALONG THE ROADWAY.
6. WASHED STONE WEEPS SHALL BE PLACED PRIOR TO PLACEMENT OF ROADWAY PAVEMENT FOUNDATION COURSE. FOUNDATION COURSE SHALL BE COMPACTED OVER WASHED STONE WEEPS.



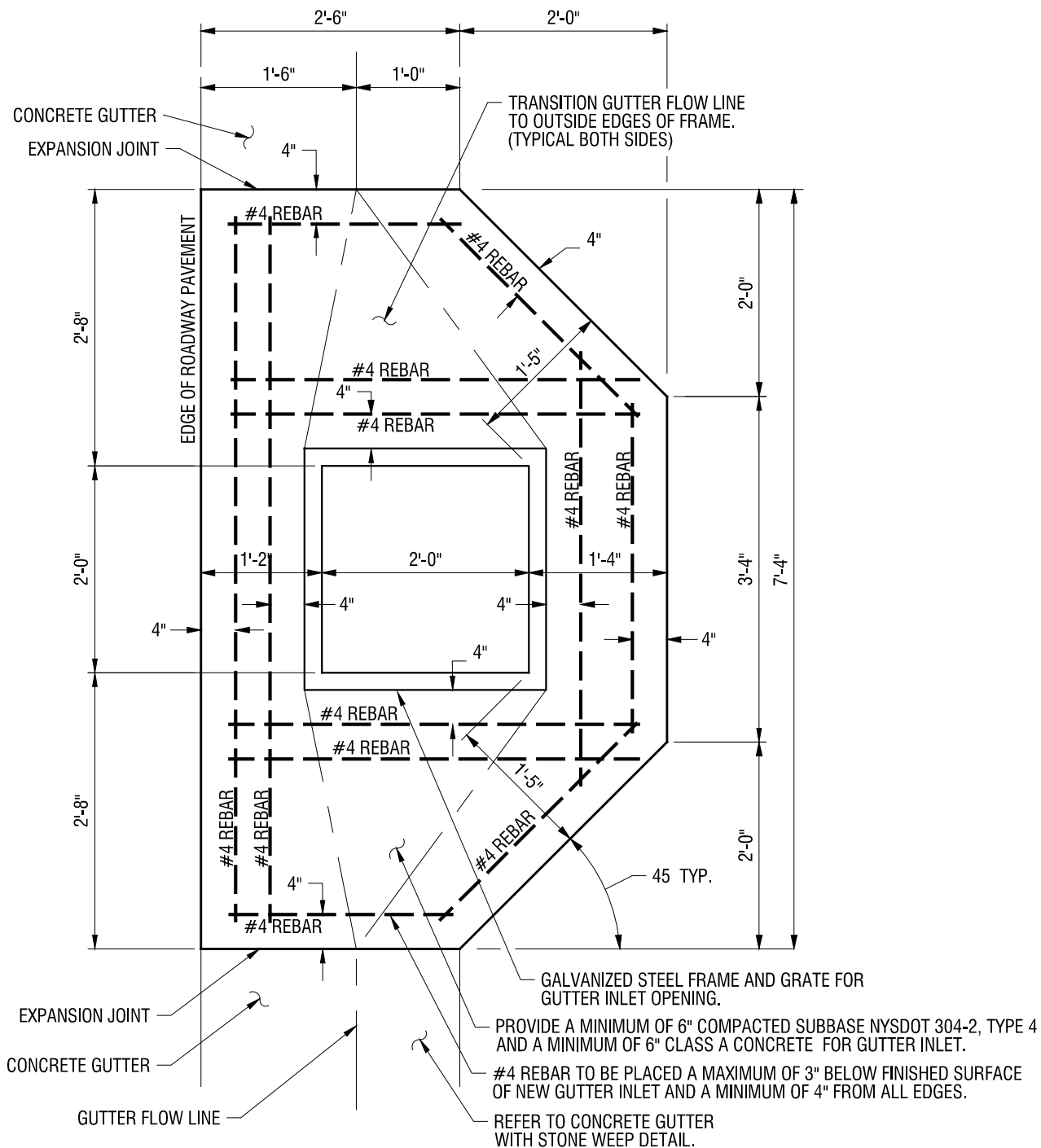
ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

CONCRETE GUTTER WITH
STONE WEEP DETAIL

NOT TO SCALE

JULY 2018

RS-3



NOTES:

1. CONCRETE SHALL CONFORM TO NYSDOT 501, NYSDOT CLASS A CONCRETE FOR CONVENTIONAL FORMED CONCRETE GUTTERS.
2. IMMEDIATELY AFTER PLACEMENT OF CONCRETE, THOROUGHLY COMPACT CONCRETE WITH MECHANICAL VIBRATING EQUIPMENT.
3. NYSDOT 711-05 WHITE PIGMENTED MEMBRANE CURING COMPOUND SHALL BE APPLIED IMMEDIATELY AFTER FINISHING CONCRETE SURFACE IN ACCORDANCE WITH NYSDOT 502-3.11 AT A RATE OF 1.5 GALLONS PER 150 S.F. APPLY TO ALL EXPOSED SURFACES.

Town of
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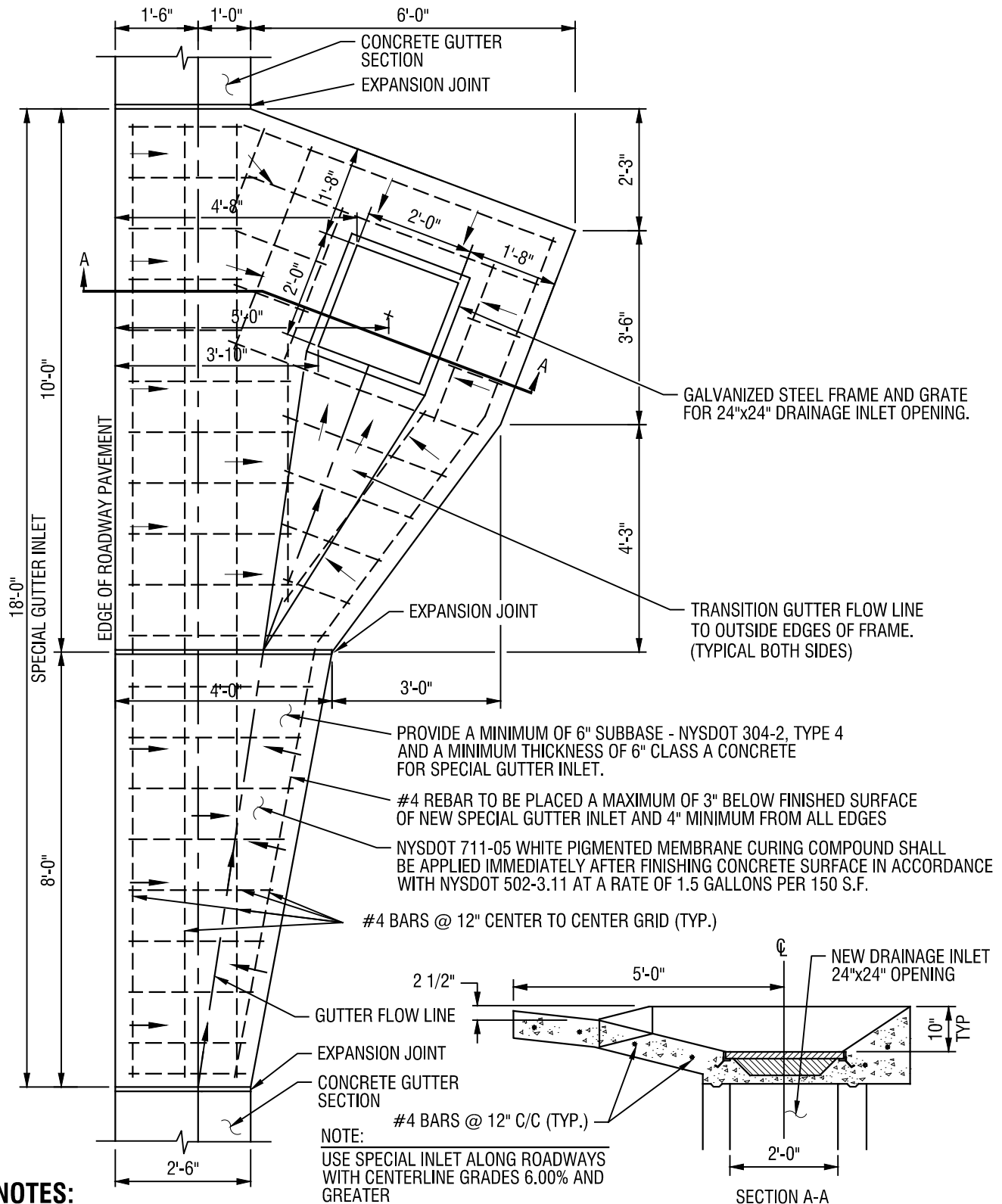
ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

GUTTER INLET DETAIL

NOT TO SCALE

JULY 2018

RS-4

**NOTES:**

1. CONCRETE SHALL CONFORM TO NYSDOT 501, NYSDOT CLASS A CONCRETE FOR CONVENTIONAL FORMED CONCRETE GUTTERS.
2. IMMEDIATELY AFTER PLACEMENT OF CONCRETE, THOROUGHLY COMPACT CONCRETE WITH MECHANICAL VIBRATING EQUIPMENT.

Town of
TYRE
NEW YORK

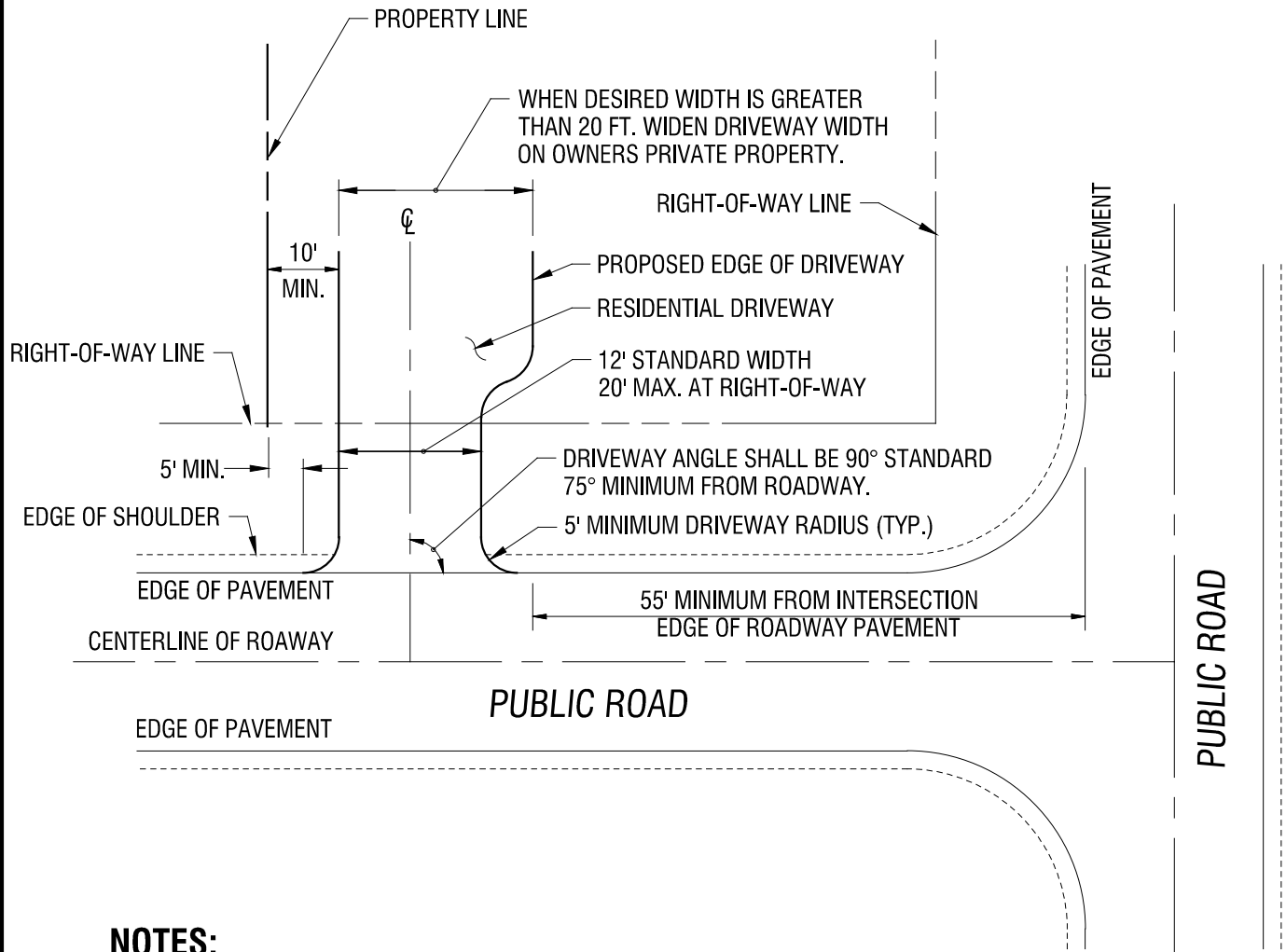
ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

SPECIAL GUTTER INLET DETAIL

NOT TO SCALE

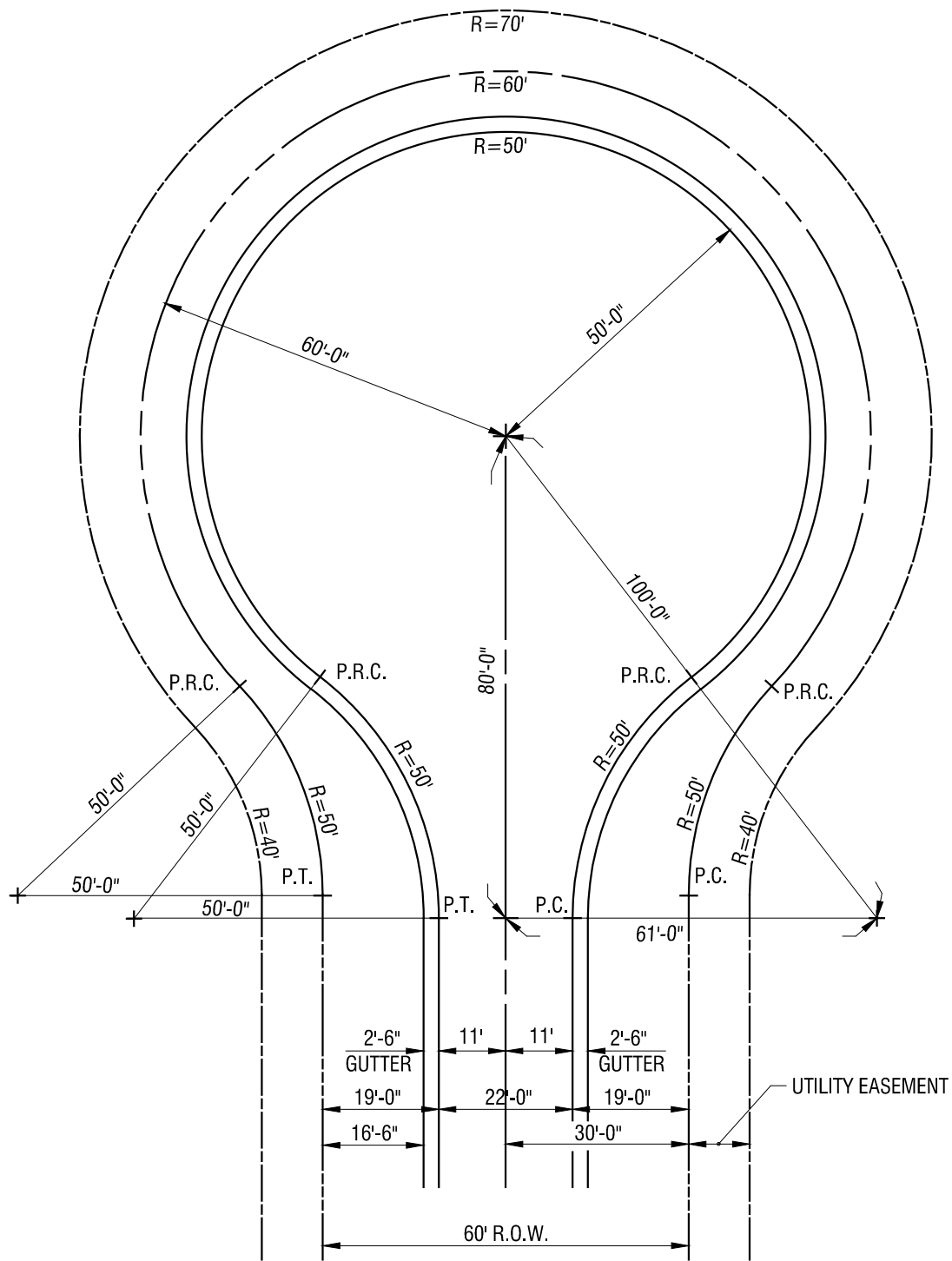
JULY 2018

RS-5



NOTES:

- 1) REFER TO TOWN OF TYRE DESIGN AND CONSTRUCTION STANDARDS FOR LAND DEVELOPMENT - SECTION 2, 3 & 6 FOR DRIVEWAY SPECIFICATIONS.
- 2) FOR COMMERCIAL DRIVEWAY DESIGN, REFER TO THE NYSDOT POLICY & STANDARDS FOR THE DESIGN OF ENTRANCES TO STATE HIGHWAYS.
- 3) DRIVEWAY MAXIMUM GRADE SHALL NOT EXCEED 10%
- 4) 50 FT. MINIMUM HORIZONTAL CURVE ALONG CENTERLINE OF DRIVEWAY.



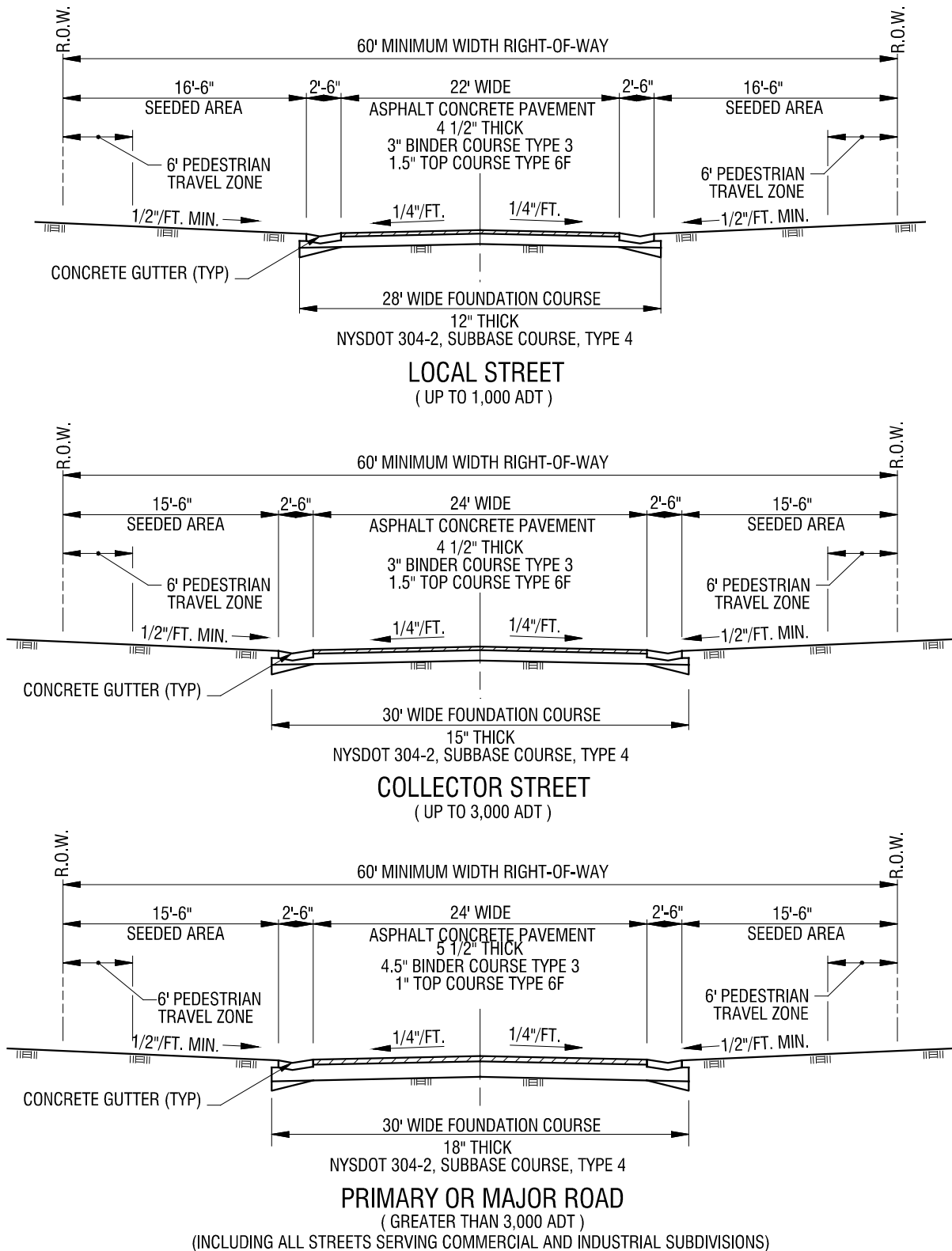
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TYPICAL ROADWAY TURN-AROUND DETAIL

RS-8

DATE/TIME: Friday, June 29, 2018 AT 11:14 AM
FILENAME: J:\Tyre, Town Of\2172262.03 - Const Specifications\Standard Details\2018 RS-9.dwg



Town of
TYRE
NEW YORK

ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

TYPICAL ROADWAY SECTIONS

NOT TO SCALE

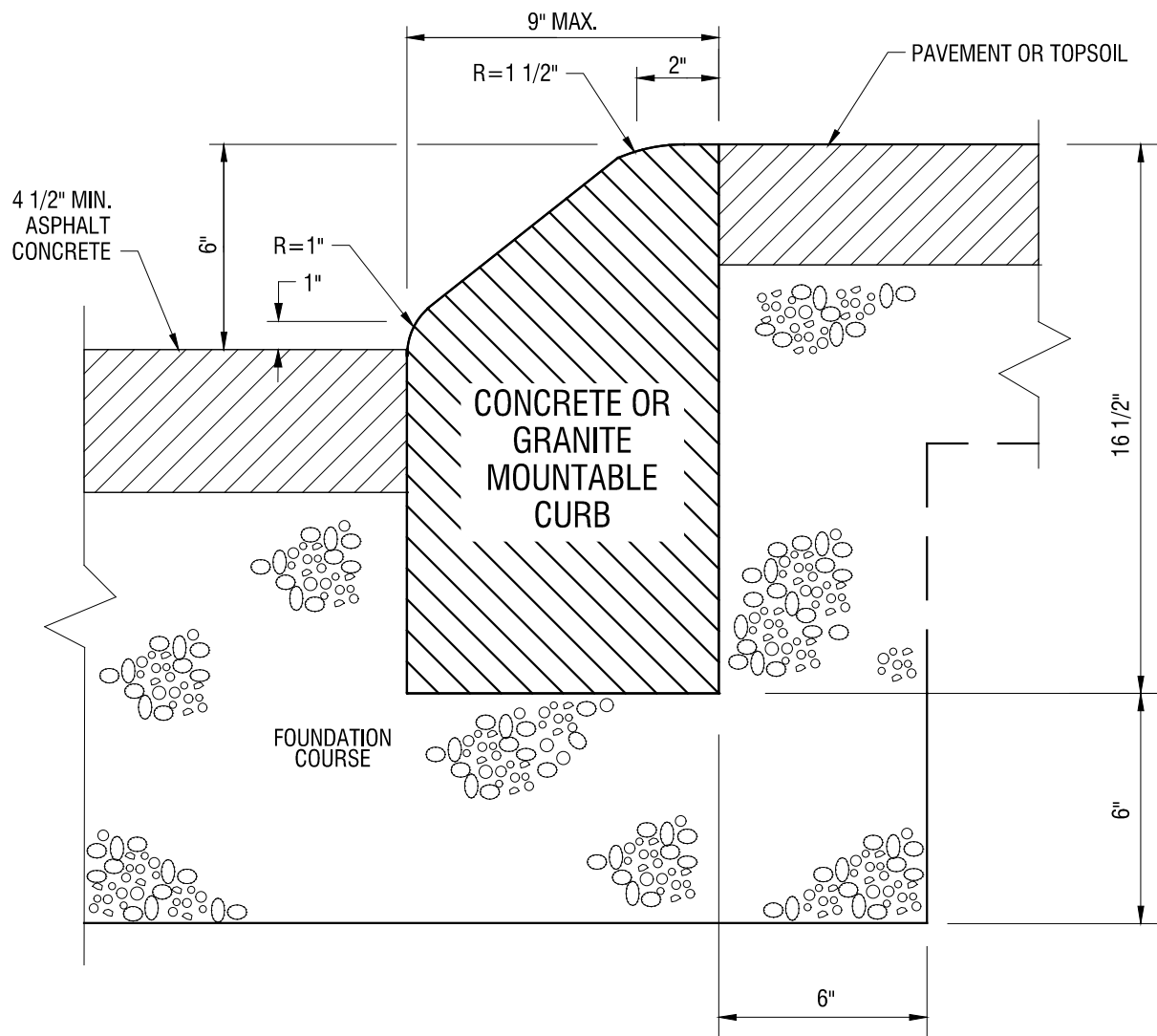
JULY 2018

RS-9



RS-11

DATE/TIME: Friday, June 29, 2018 AT 11:15 AM
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ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

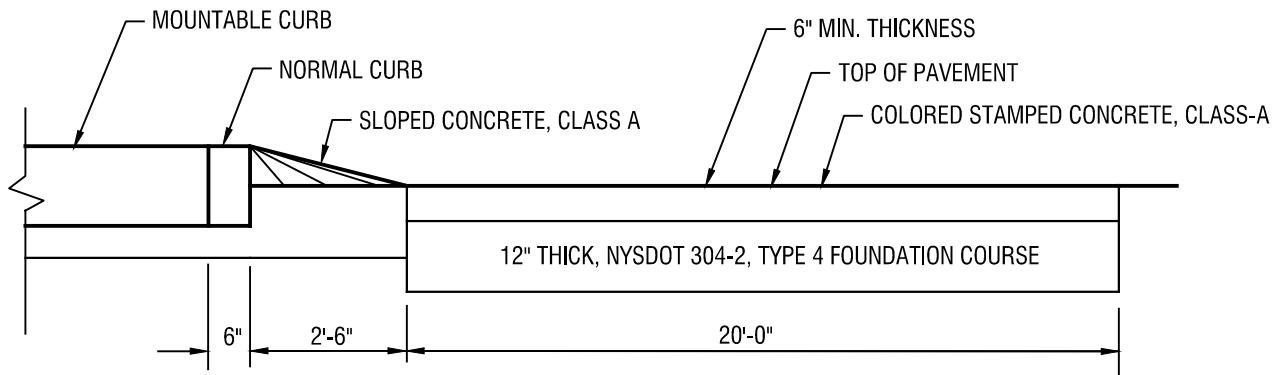
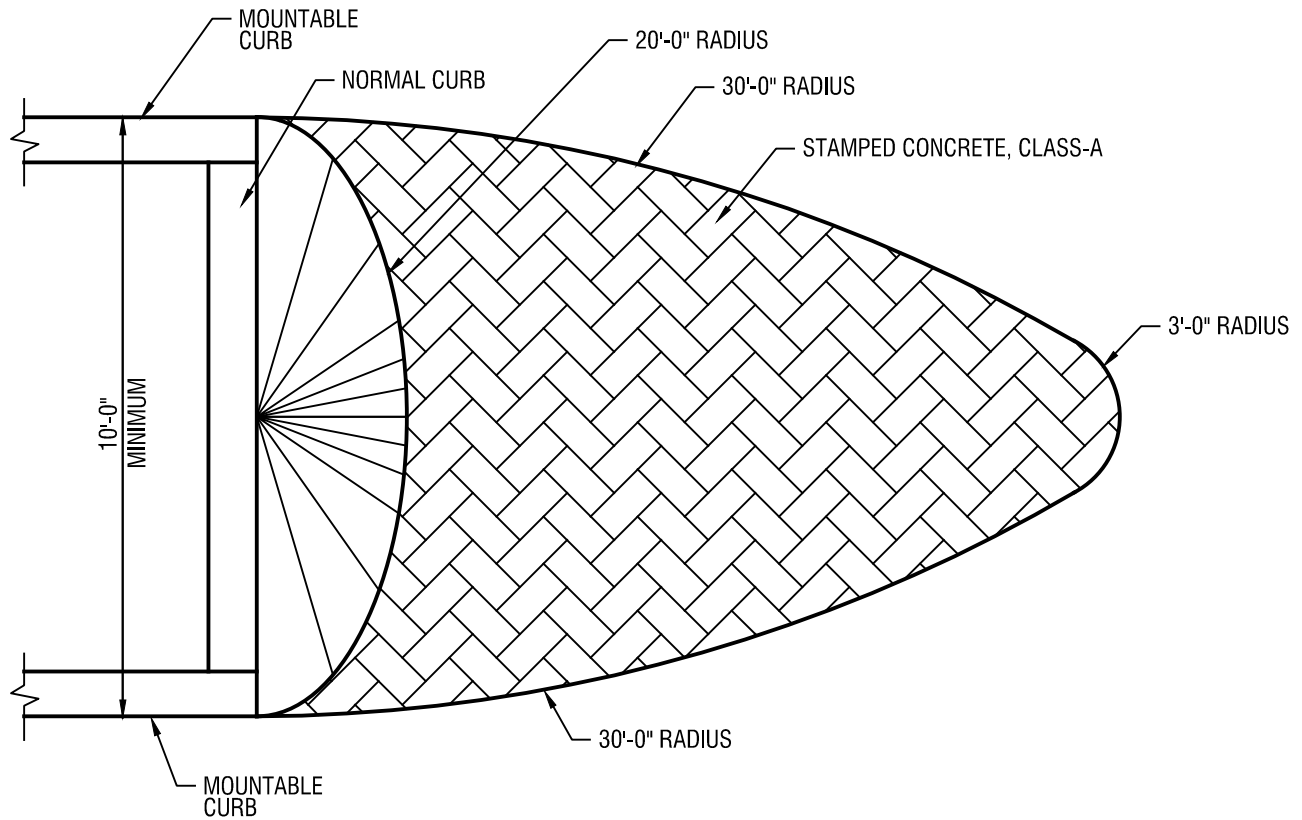
MOUNTABLE CURB DETAIL

NOT TO SCALE

JULY 2018

RS-12

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Town of
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ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

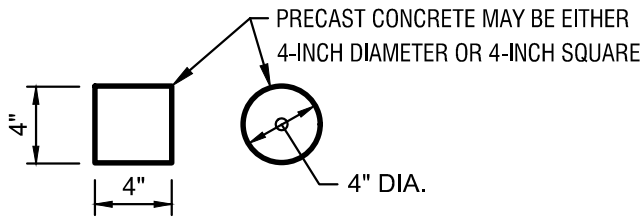
**COMMERCIAL & INDUSTRIAL
SUBDIVISION ROAD ENTRANCE
ISLAND NOSE DETAIL**

NOT TO SCALE

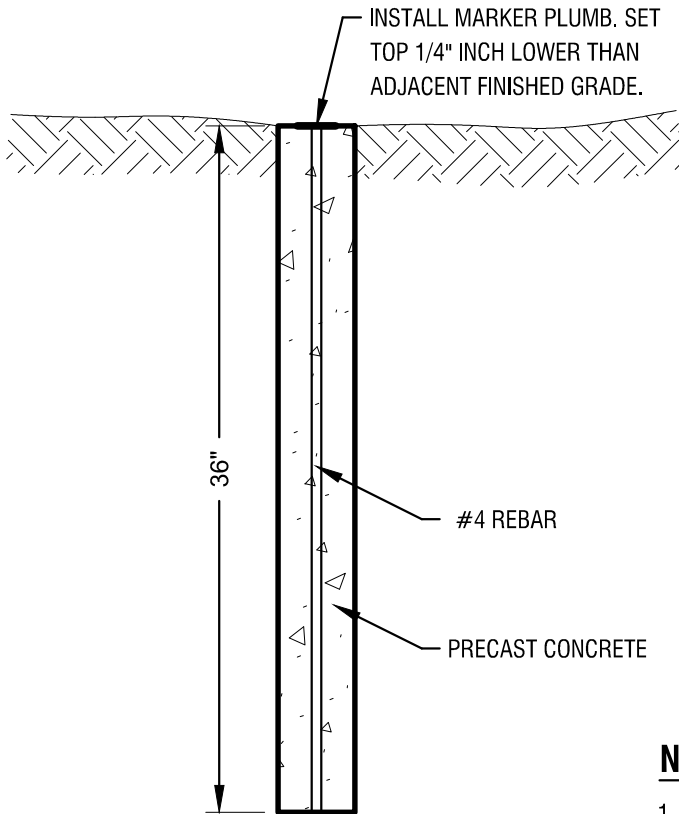
JULY 2018

RS-13

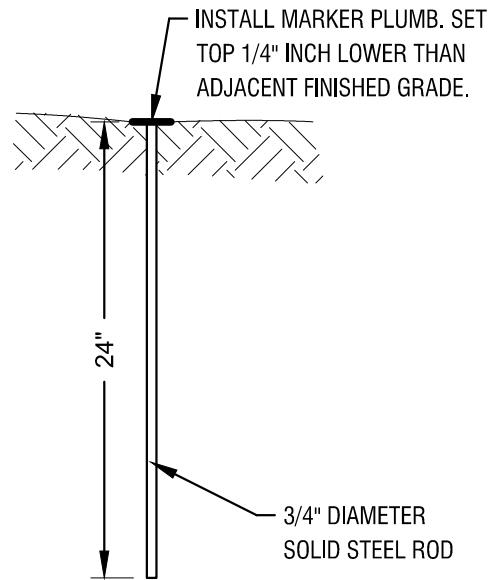
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PLAN



SECTION



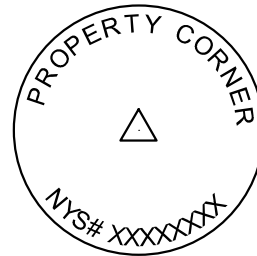
SECTION

NOTE:

1. THE REBAR/CAP SHALL MARK THE EXACT POINT DENOTED ON THE PLAN



MONUMENT MARKER



PROPERTY CORNER MARKER



ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

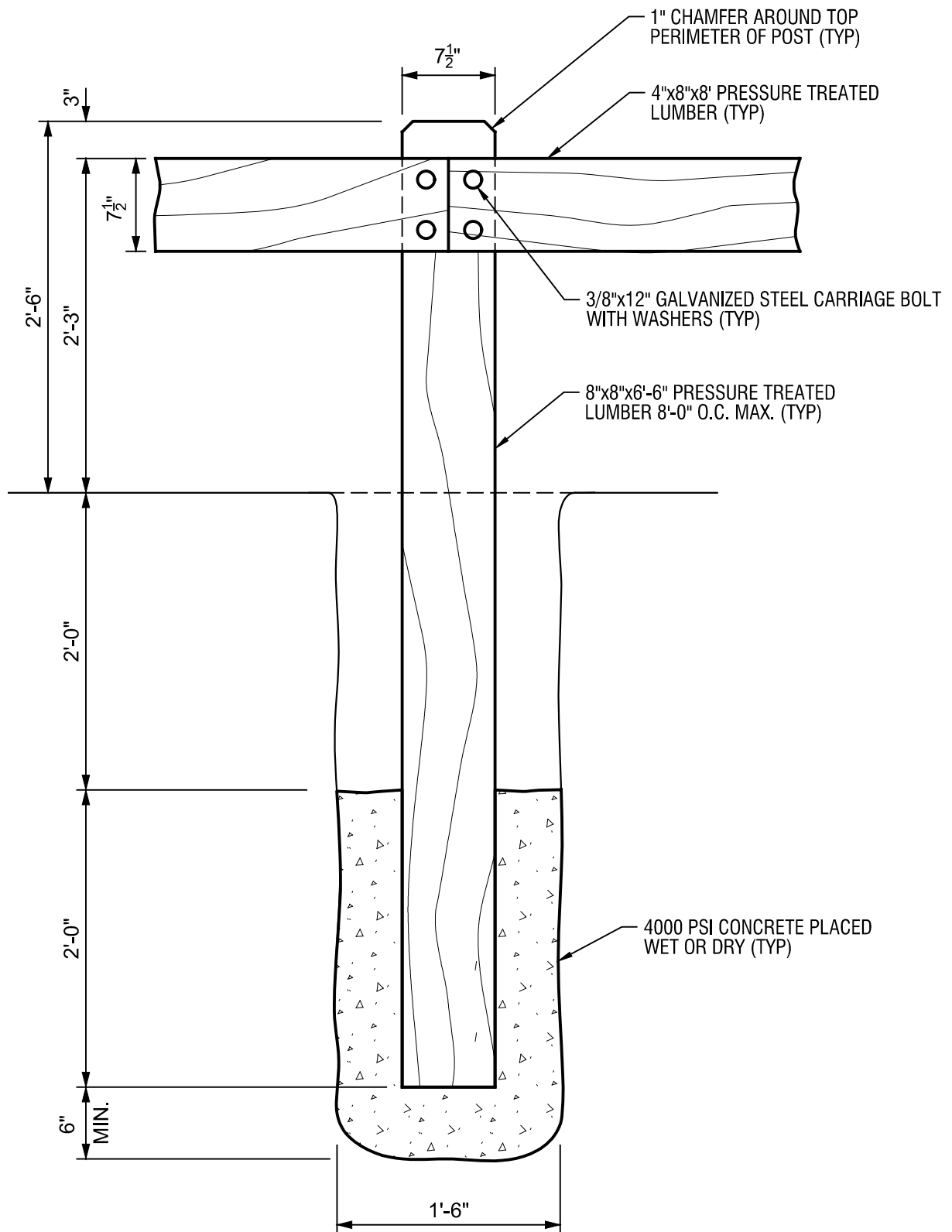
**MONUMENT & PROPERTY CORNER
MARKER DETAIL**

NOT TO SCALE

JULY 2018

RS-14

DATE/TIME: Friday, June 29, 2018 AT 11:35 AM
FILENAME: J:\Tyre, Town Of\2172262.03 - Const Specifications\Standard Details\2018 RS-15.dwg



ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

DECORATIVE TIMBER GUIDE RAIL DETAIL

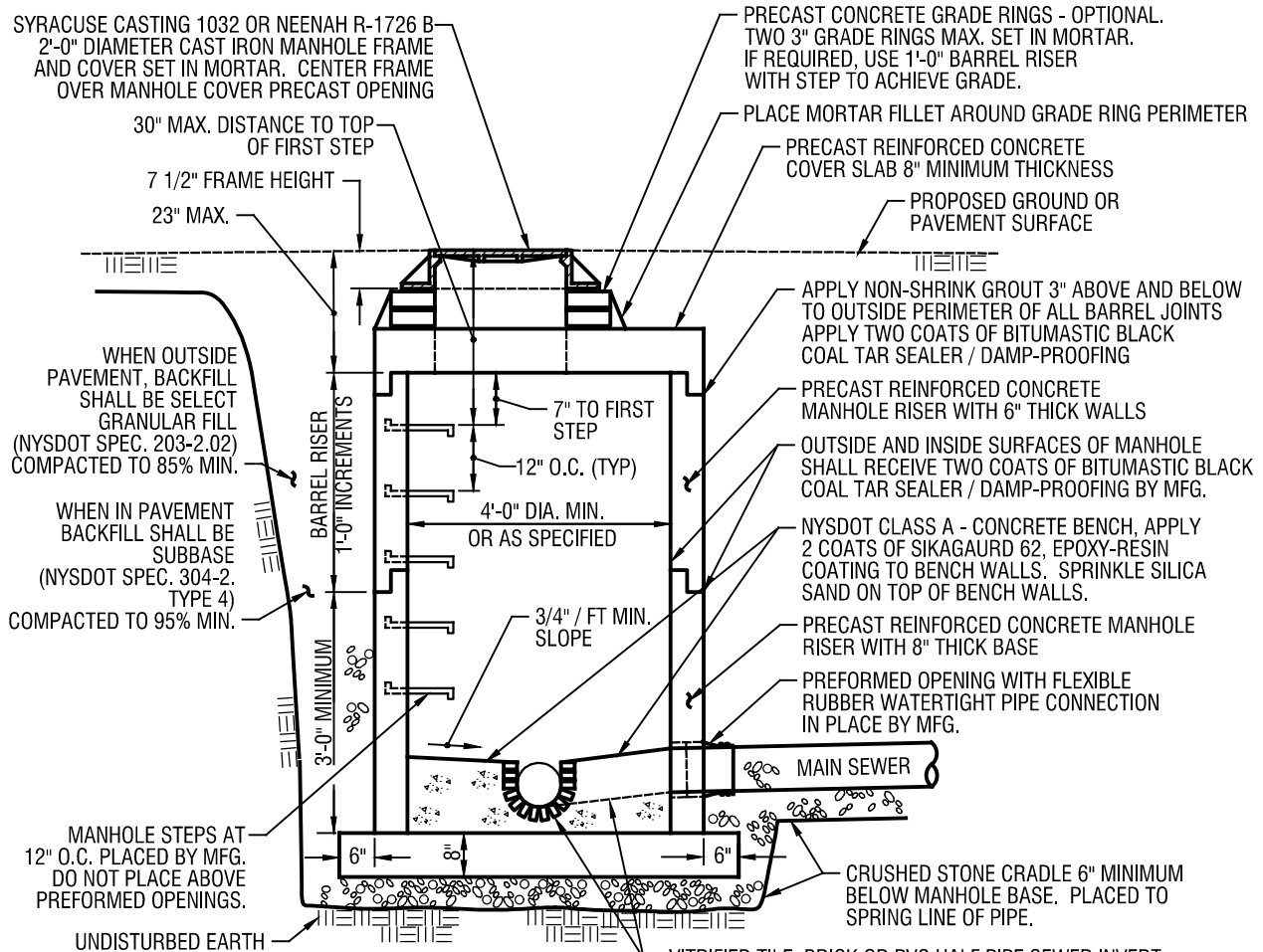
NOT TO SCALE

JULY 2018

RS-15

FILENAME: J:\Tyre, Town Of\2172262.03 - Const Specifications\Standard Details\2018 SA-ST-4.dwg





NOTE:

IN HIGHLY CORROSIVE CONDITIONS / AREAS,
 TOWN ENGINEER MAY REQUIRE 2 COATS OF
 SIKAGAUARD 62, EPOXY-RESIN COATING.
 COATINGS TO BE APPLIED TO MANHOLE WALLS
 AND TOP SLAB.

SECTION

VITRIFIED TILE, BRICK OR PVC HALF PIPE SEWER INVERT.
 IF HALF PIPE IS USED, BRICKS SHALL BE INSTALLED ABOVE
 THE HALF PIPE SECTION TO SET ELEVATION OF THE BENCH
 WALL TO THE TOP OF THE PIPE ELEVATION ACROSS
 THE MANHOLE.

PREFORMED OPENING WITH FLEXIBLE
 RUBBER WATERTIGHT PIPE CONNECTION
 IN PLACE BY MFG.

MAIN SEWER PIPE

PREFORMED OPENING SECTION

SEWER PIPE AT MANHOLE
 SET BRICK WITH MORTAR

POUR NYSDOT CLASS A
 CONCRETE BENCH

CONSTRUCT SEWER INVERT WITH BRICK,
 VITRIFIED TILE HALF PIPE OR PVC HALF PIPE.
 BRICKS SHALL BE INSTALLED ABOVE THE HALF
 PIPE SECTION TO SET ELEVATION OF THE BENCH
 WALL TO THE TOP OF THE PIPE ELEVATION ACROSS
 THE MANHOLE.

INVERT SECTION

Town of
TYRE
 NEW YORK

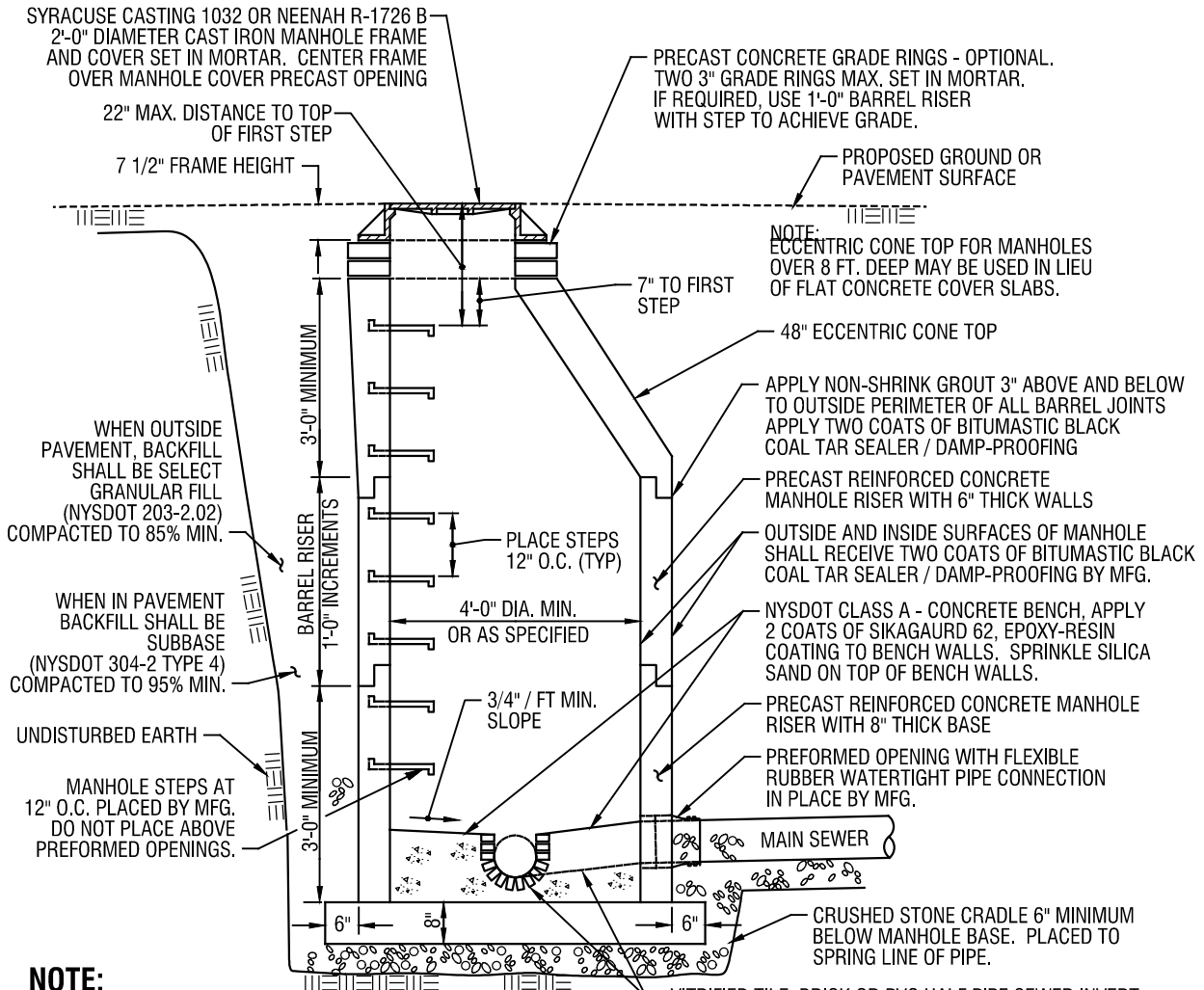
ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

PRECAST CONCRETE SANITARY MANHOLE DETAIL

NOT TO SCALE

JULY 2018

SA-1



NOTE:

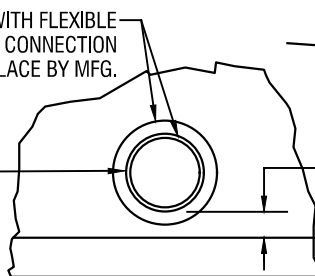
IN HIGHLY CORROSIVE CONDITIONS / AREAS,
 TOWN ENGINEER MAY REQUIRE 2 COATS OF
 SIKAGAUARD 62, EPOXY-RESIN COATING.
 COATINGS TO BE APPLIED TO MANHOLE WALLS
 AND TOP SLAB.

SECTION

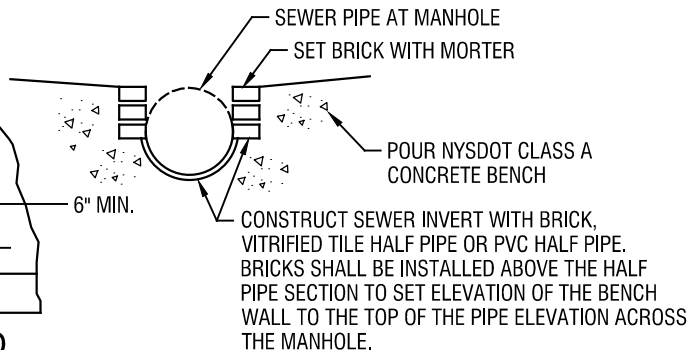
VITRIFIED TILE, BRICK OR PVC HALF PIPE SEWER INVERT.
 IF HALF PIPE IS USED, BRICKS SHALL BE INSTALLED ABOVE
 THE HALF PIPE SECTION TO SET ELEVATION OF THE BENCH
 WALL TO THE TOP OF THE PIPE ELEVATION ACROSS
 THE MANHOLE.

PREFORMED OPENING WITH FLEXIBLE
 RUBBER WATERTIGHT PIPE CONNECTION
 IN PLACE BY MFG.

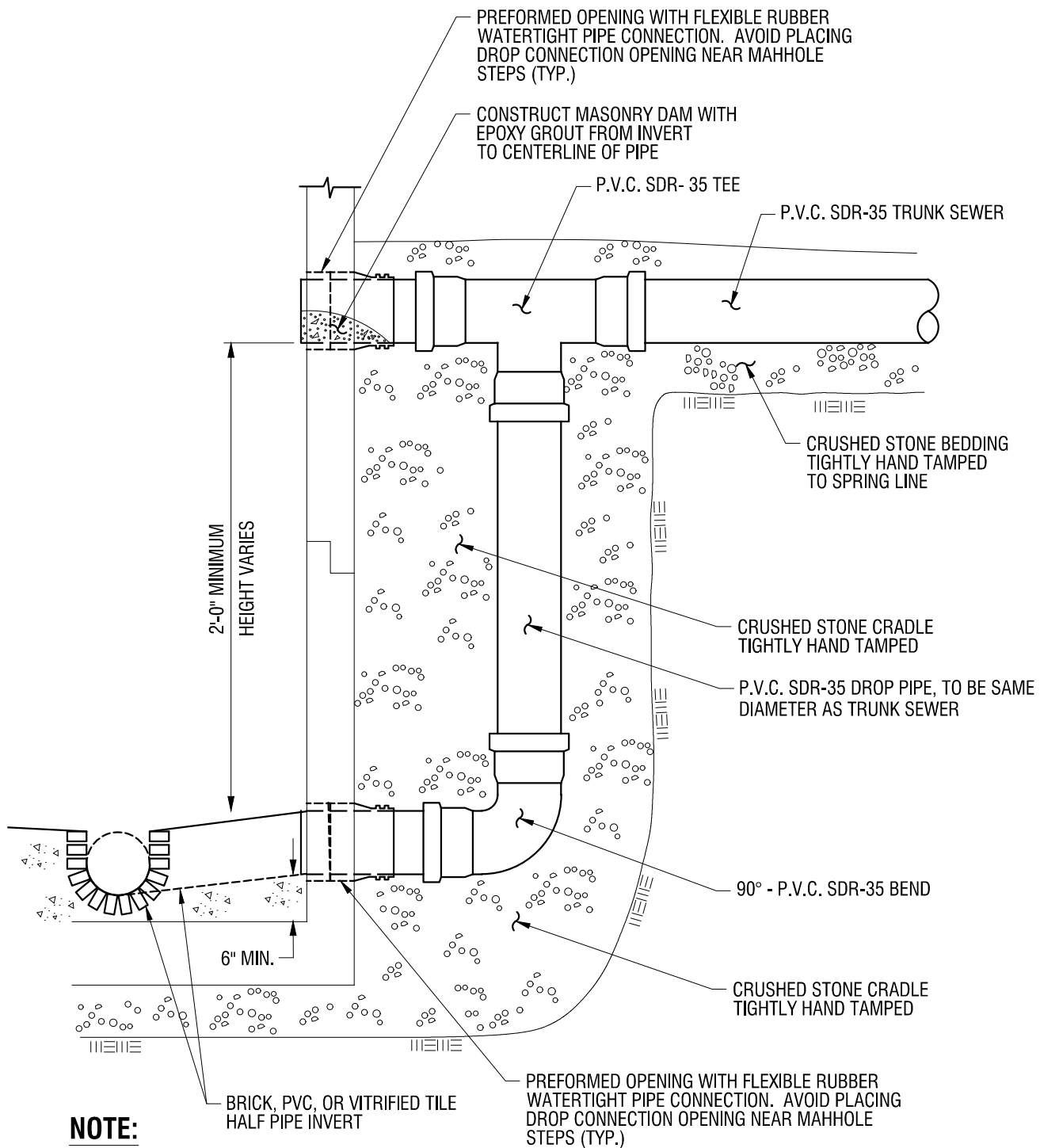
MAIN SEWER PIPE



**PREFORMED
 OPENING SECTION**



INVERT SECTION



NOTE:

- 1) GLUED JOINTS WILL NOT BE PERMITTED.
- 2) ALL SEWER PIPES AND FITTINGS SHALL BE PUSH ON TYPE.
- 3) REFER TO SANITARY SEWER MAHOLE DETAILS FOR MANHOLE INSTALLATION DETAILS

Town of
TYRE
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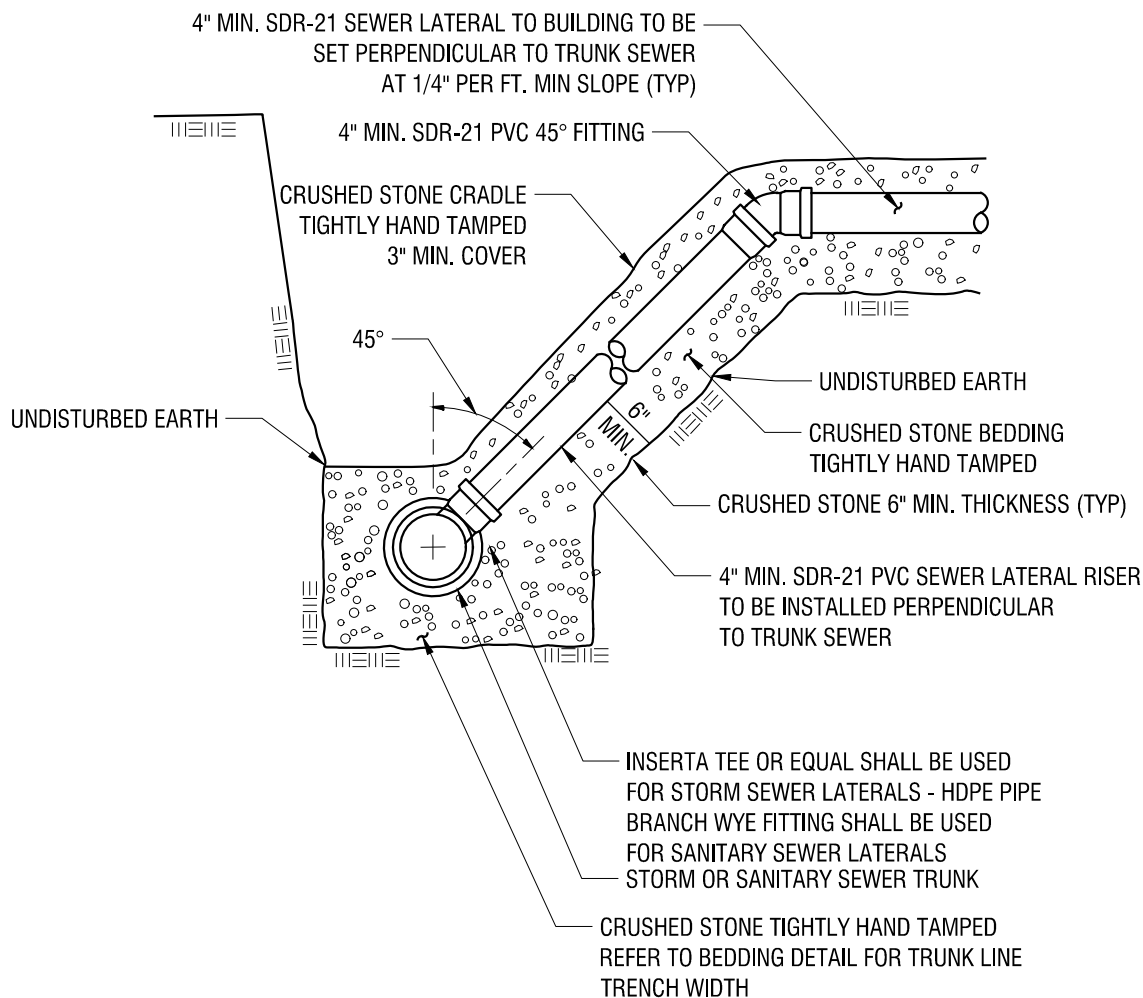
ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

**SANITARY SEWER OUTSIDE DROP
 CONNECTION DETAIL**

NOT TO SCALE

JULY 2018

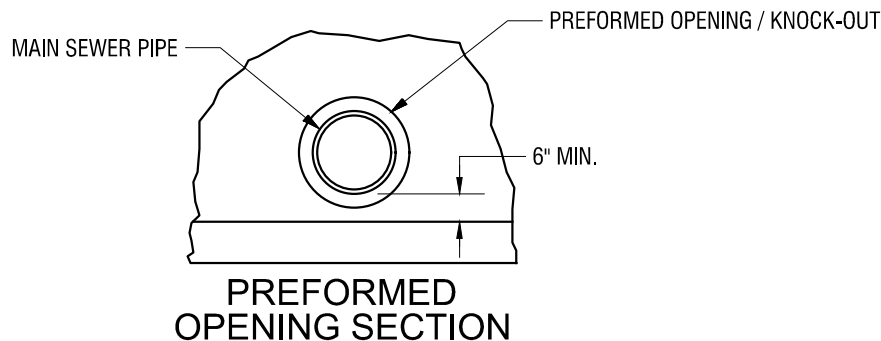
SA-3



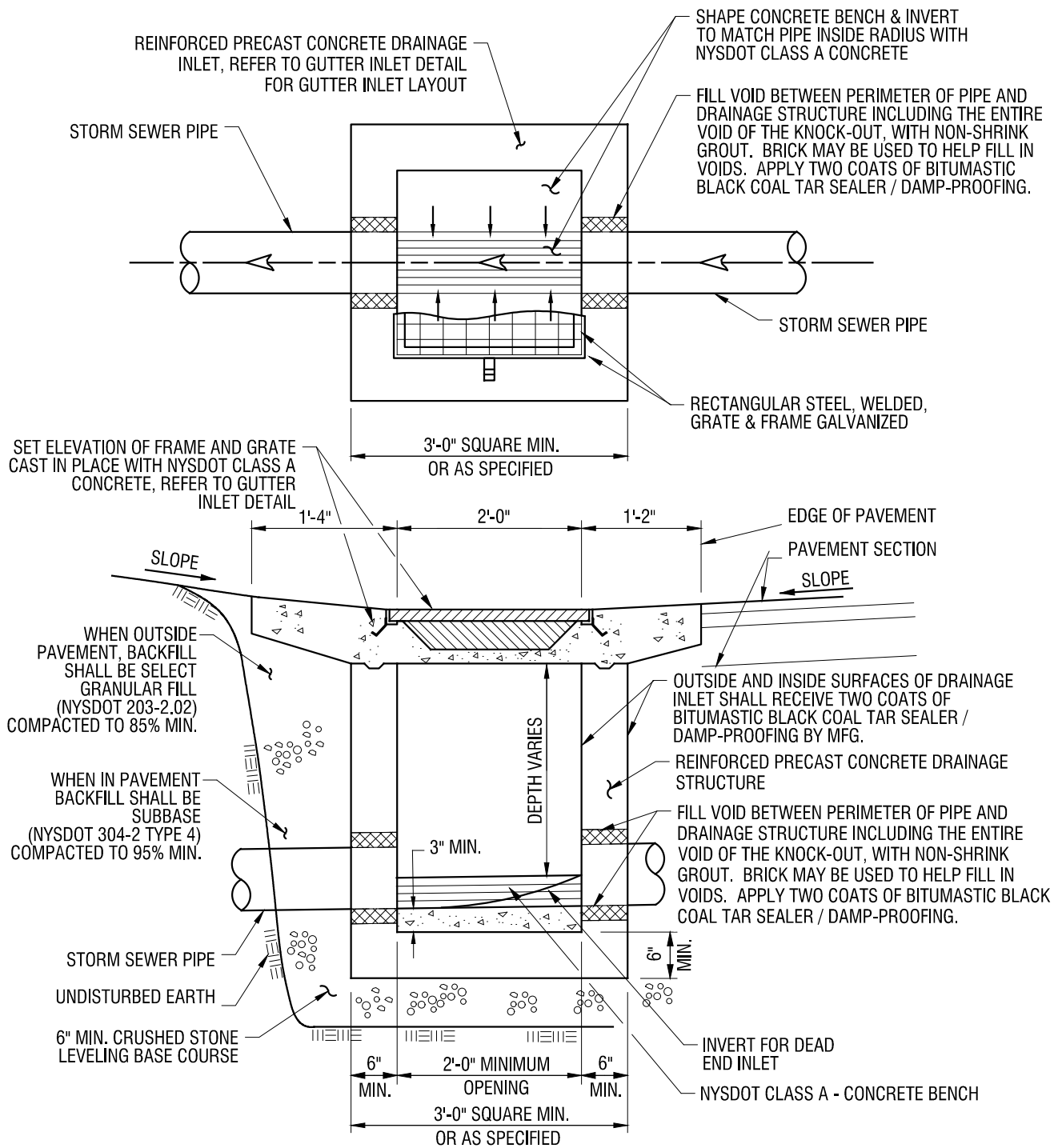
NOTES:

- 1) GLUED JOINTS WILL NOT BE PERMITTED.
- 2) ALL SEWER LATERAL PIPES AND FITTINGS SHALL BE 4" DIA. MIN. SDR-21 PVC. PUSH ON TYPE, FOR PUBLIC PORTION OF BUILDING SEWER LATERALS
- 3) UNDERGROUND WARNING TAPE SHALL BE INSTALLED OVER ALL STORM AND SANITARY LATERAL PIPES. FOR PIPES UP TO FOUR FEET DEEP, INSTALL DETECTABLE WARNING TAPE PER MANUFACTURER'S RECOMMENDATIONS. FOR PIPES DEEPER THAN FOUR FEET, INSTALL NON-DETECTABLE WARNING TAPE A MINIMUM OF ONE FOOT ABOVE THE PIPE IN ADDITION TO THE DETECTABLE WARNING TAPE

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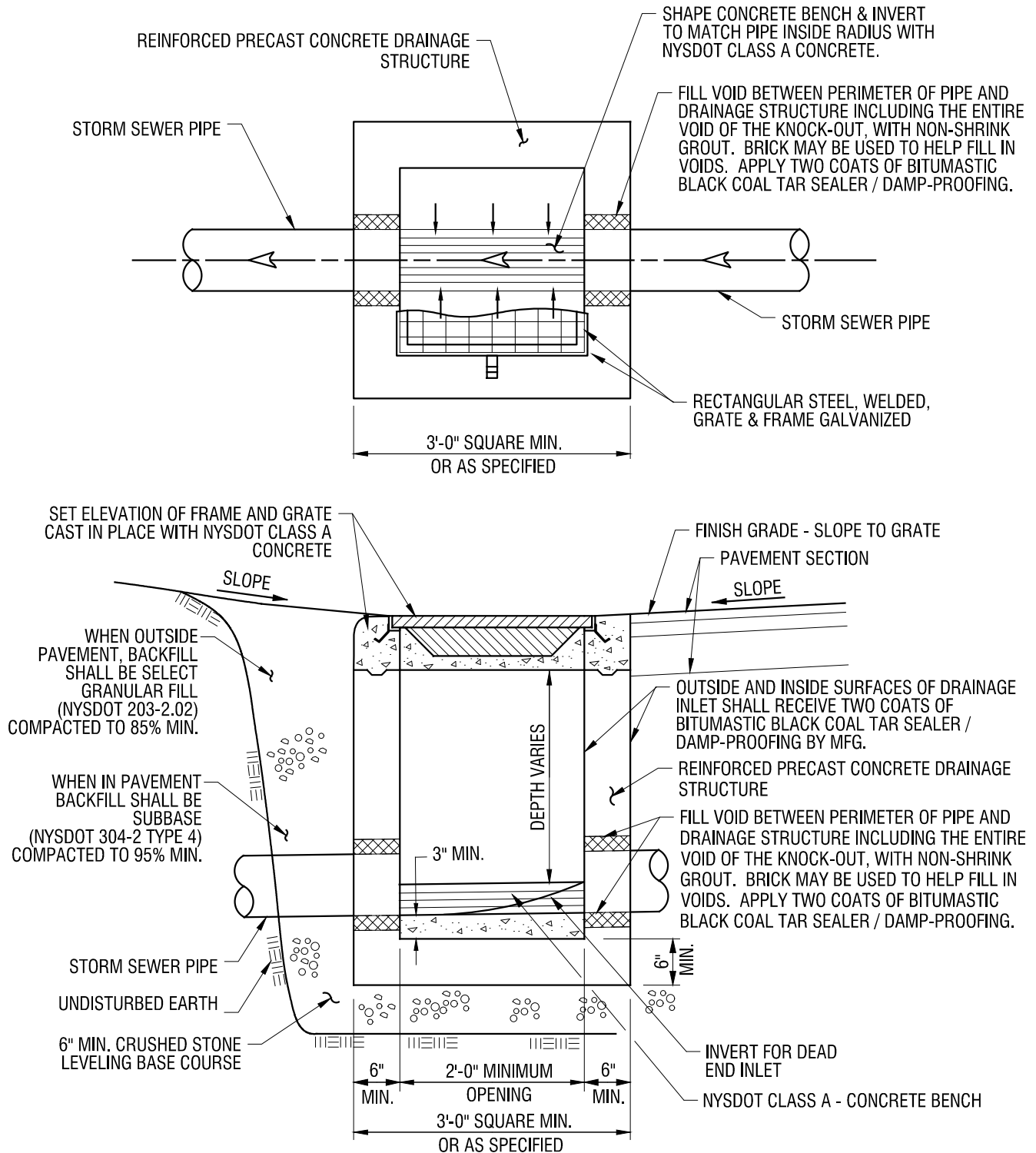


ST-1

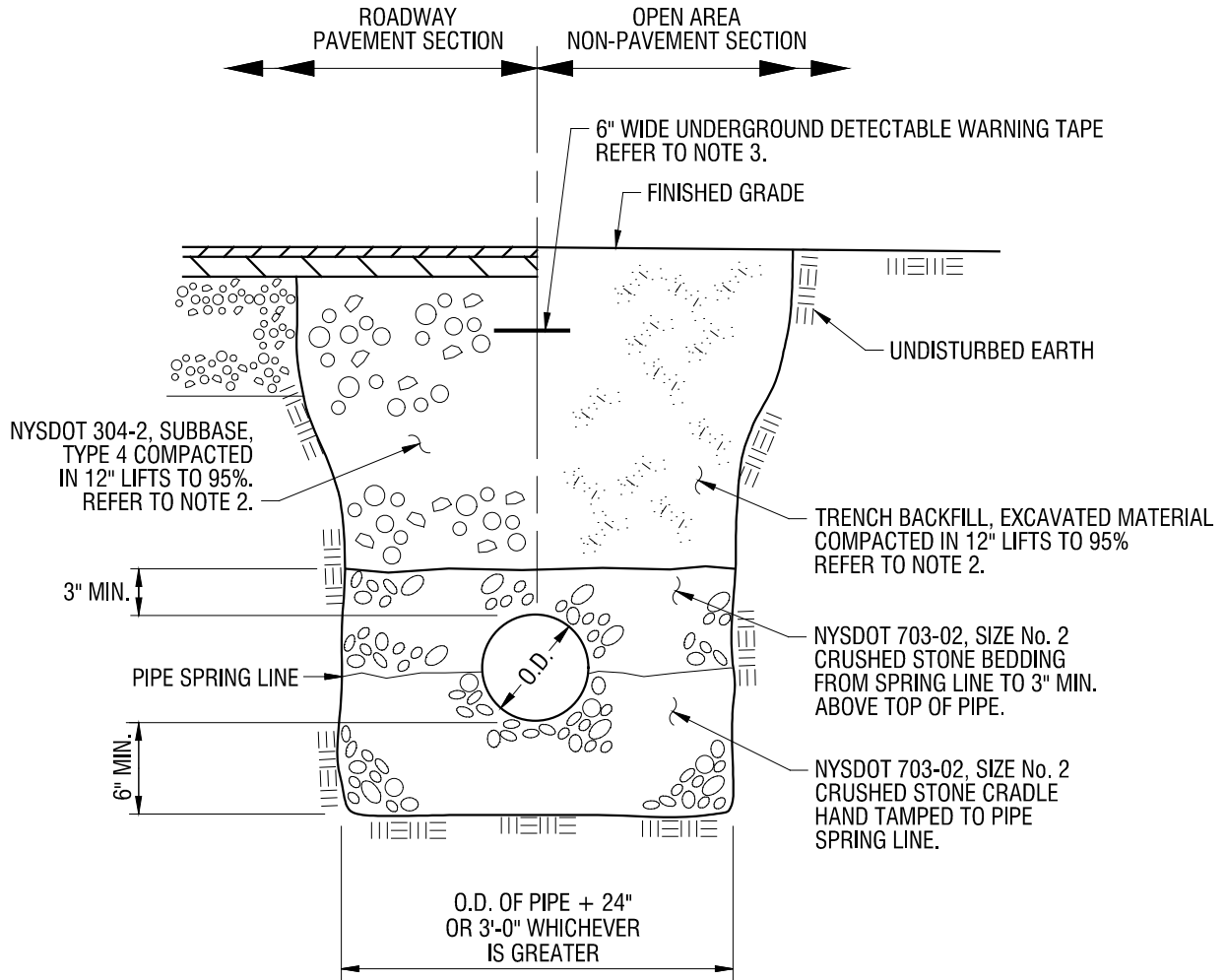


NOTE:

USE SPECIAL INLET ALONG ROADWAYS WITH CENTERLINE GRADES 6.00% AND GREATER



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HDPE & PVC / STORM & SANITARY SEWER PIPE

NOTES:

- 1) HDPE STORM SEWER PIPE SHALL BE NYSDOT 706.14 SMOOTH INTERIOR CORRUGATED POLETHYLENE PIPE (SICPP) CONFORMING TO AASHTO M-252 AND M-294.
- 2) COMPACTION AND COMPACTION TESTING OF TRENCHES SHALL BE IN ACCORDANCE WITH SECTIONS 3.4.5.2 AND 3.4.6 OF THE D&C STANDARDS.
- 3) 6-INCH WIDE UNDERGROUND DETECTABLE WARNING TAPE SHALL BE USED DURING INSTALLATION OF ALL NON-METALLIC STORM AND SANITARY PIPES. FOR PIPES UP TO FOUR FEET DEEP, INSTALL DETECTABLE WARNING TAPE BURIED AT MANUFACTURER'S RECOMMEND DEPTH. FOR PIPES DEEPER THAN FOUR FEET, IN ADDITION TO THE DETECTABLE WARNING TAPE, INSTALL NON-DETECTABLE WARNING TAPE A MINIMUM OF ONE FOOT ABOVE THE PIPE

Town of
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ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

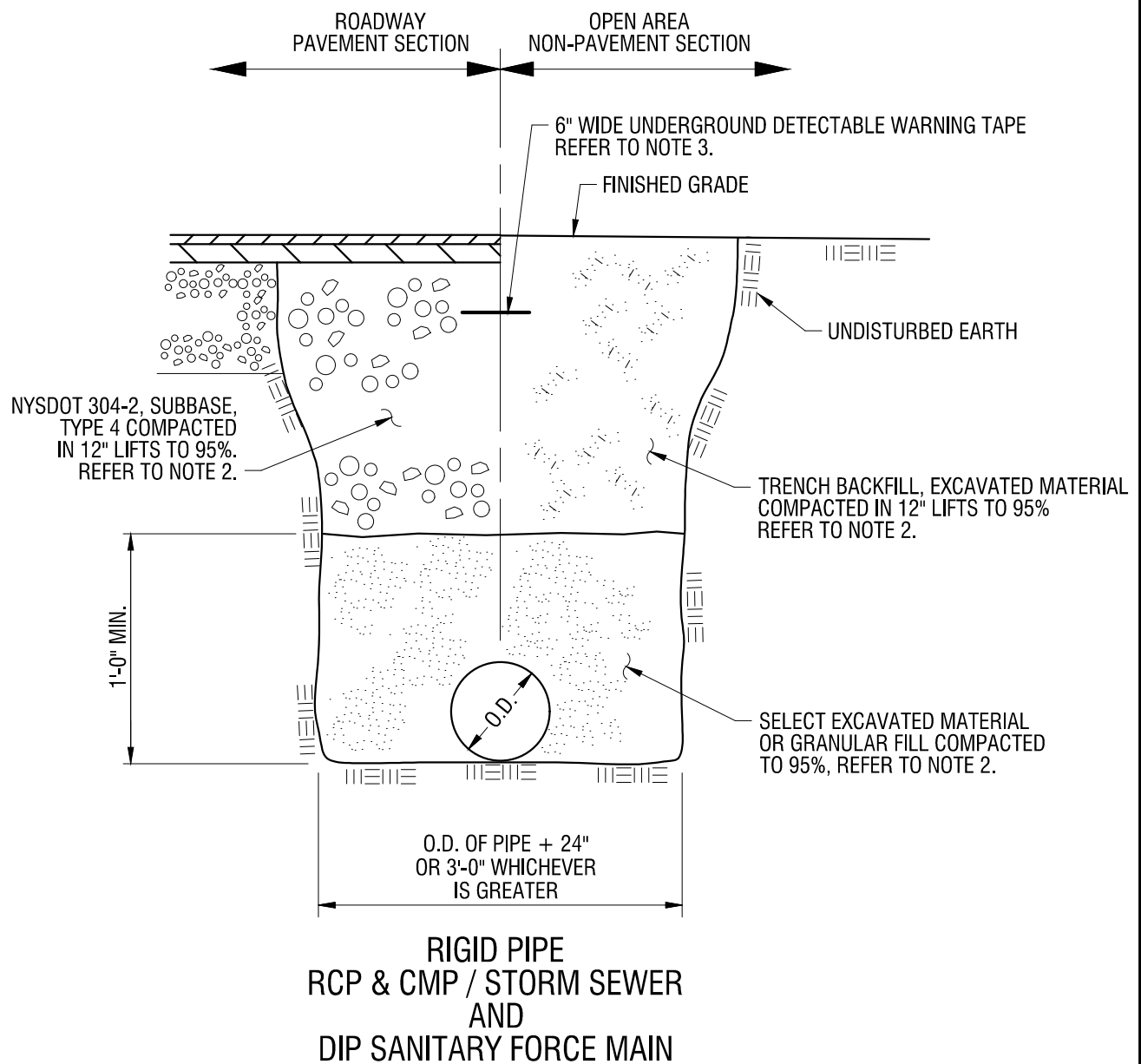
**HDPE, PVC, & DIP
STORM & SANITARY SEWER
PIPE TRENCH DETAIL**

NOT TO SCALE

JULY 2018

TR-1

DATE/TIME: Friday, June 29, 2018 AT 11:49 AM
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NOTES:

- 1) PROVIDE 6" MINIMUM CRUSHED STONE CRADLE UNDER PIPE IN ROCK AREAS AND WHERE REQUIRED DUE TO TRENCH AND SOIL CONDITIONS.
- 2) COMPACTION AND COMPACTION TESTING OF TRENCHES SHALL BE IN ACCORDANCE WITH SECTIONS 3.4.5.2 AND 3.4.6 OF THE D&C STANDARDS.
- 3) 6-INCH WIDE UNDERGROUND DETECTABLE WARNING TAPE SHALL BE USED DURING INSTALLATION OF ALL NON-METALLIC STORM AND SANITARY PIPES. FOR PIPES UP TO FOUR FEET DEEP, INSTALL DETECTABLE WARNING TAPE BURIED AT MANUFACTURER'S RECOMMEND DEPTH. FOR PIPES DEEPER THAN FOUR FEET, IN ADDITION TO THE DETECTABLE WARNING TAPE, INSTALL NON-DETECTABLE WARNING TAPE A MINIMUM OF ONE FOOT ABOVE THE PIPE

Town of
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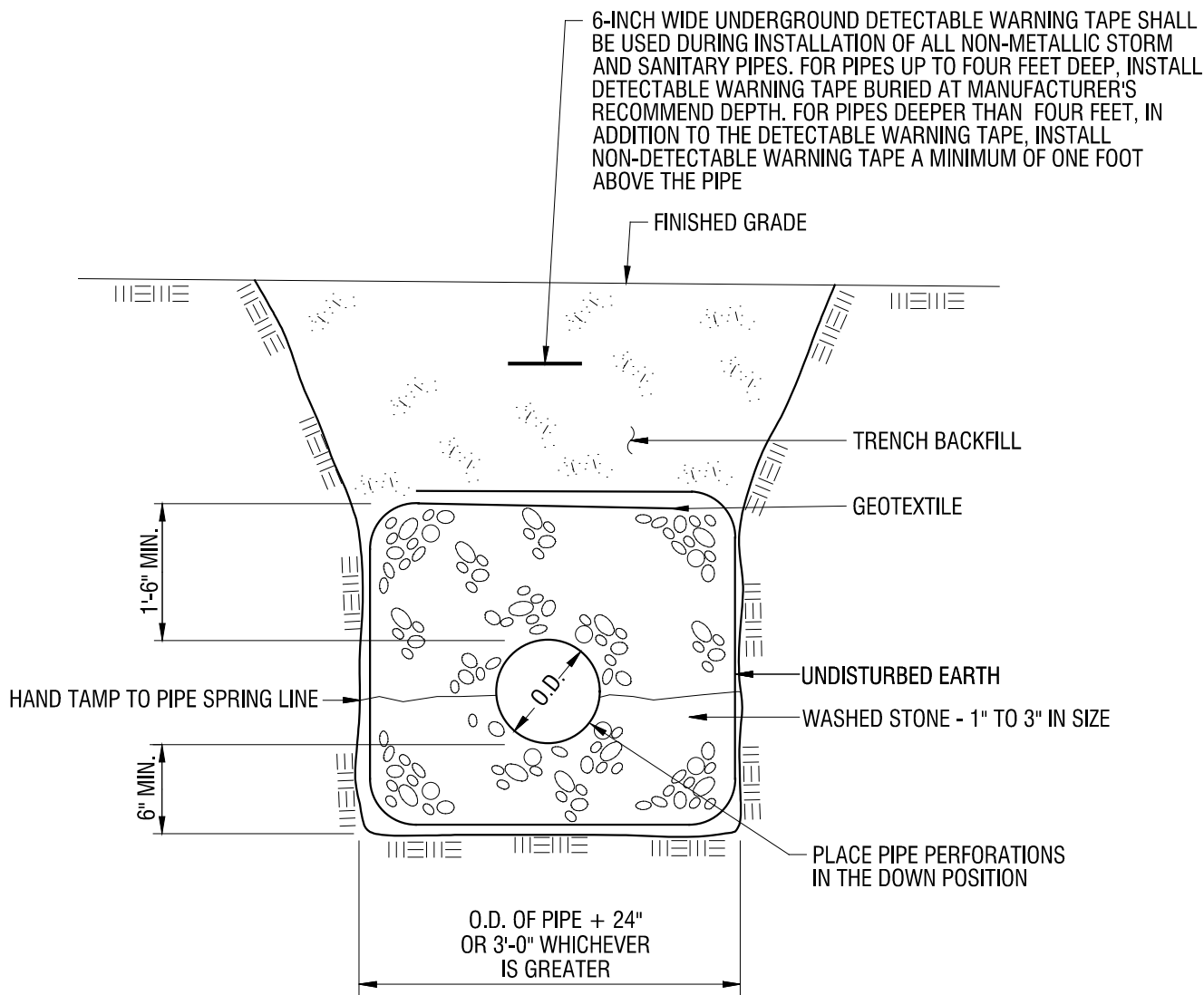
ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

**RIGID PIPE STORM & SANITARY
SEWER PIPE TRENCH DETAIL**

NOT TO SCALE

JULY 2018

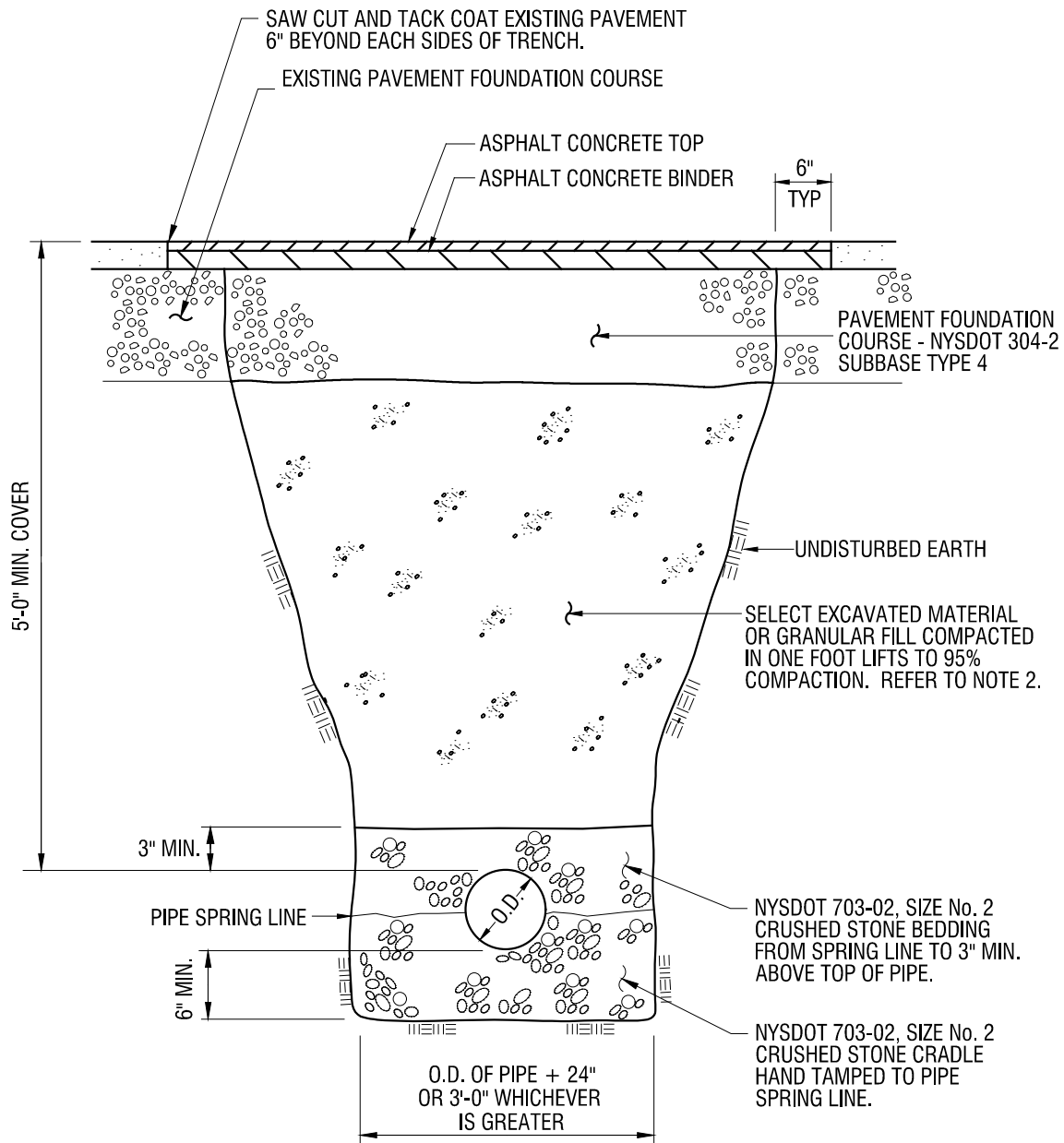
TR-2



HDPE & PVC PERFORATED PIPE NON-UNDERDRAIN

NOTES:

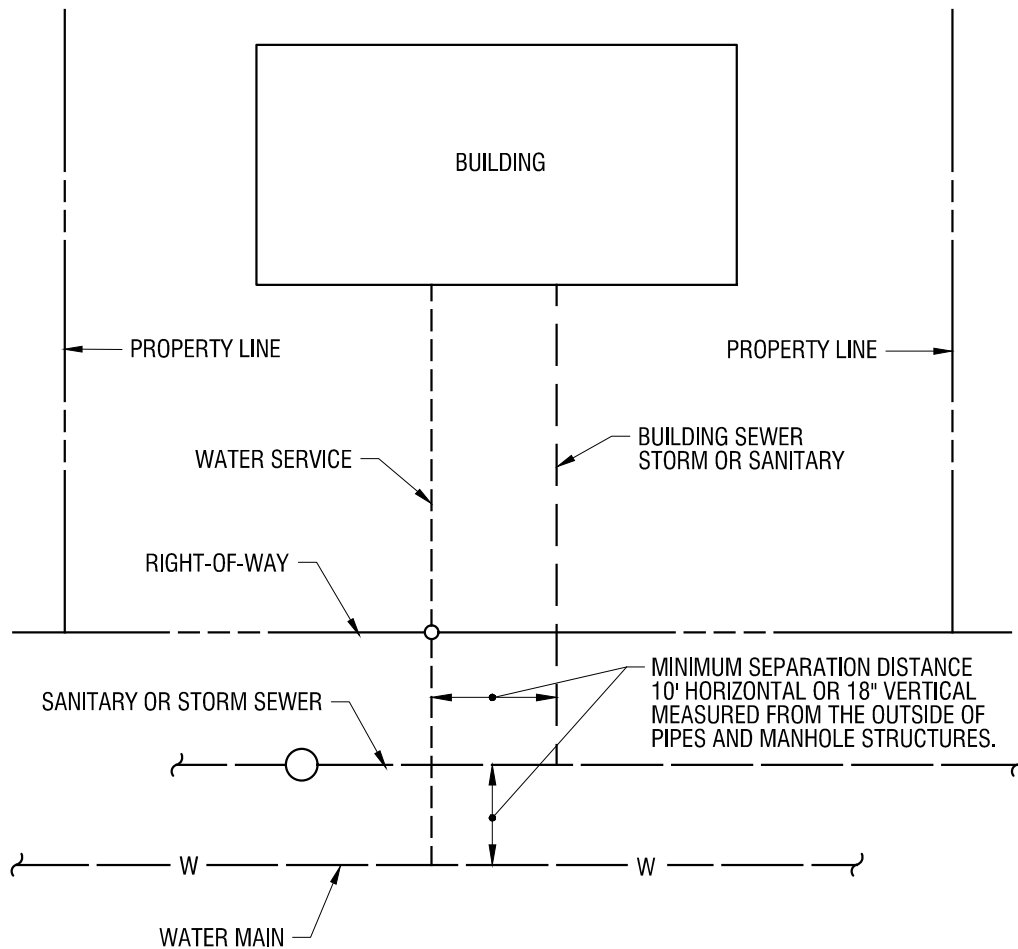
- 1) PROVIDE 6" MINIMUM CRUSHED STONE CRADLE UNDER PIPE IN ROCK AREAS AND WHERE REQUIRED DUE TO TRENCH AND SOIL CONDITIONS.
- 2) HDPE STORM SEWER PIPE SHALL BE NYSDOT 706.14 SMOOTH INTERIOR CORRUGATED POLETHYLENE PIPE (SICPP) CONFORMING TO AASHTO M-252 AND M-294.
- 3) COMPACTION AND COMPACTION TESTING OF TRENCHES SHALL BE IN ACCORDANCE WITH SECTIONS 3.4.5.2 AND 3.4.6 OF THE D&C STANDARDS.



NOTES:

- 1) HDPE STORM SEWER PIPE SHALL BE NYSDOT 706.14 SMOOTH INTERIOR CORRUGATED POLETHYLENE PIPE (SICPP) CONFORMING TO AASHTO M-252 AND M-294.
- 2) COMPACTION AND COMPACTION TESTING OF TRENCHES SHALL BE IN ACCORDANCE WITH SECTIONS 3.4.5.2 AND 3.4.6 OF THE D&C STANDARDS.

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NOTES:

- 1) REFER TO TOWN OF TYRE DESIGN AND CONSTRUCTION STANDARDS FOR LAND DEVELOPMENT - SECTION 2, 3 & 6 FOR UTILITY REQUIREMENTS.
- 2) ALL CURB BOXES AND SEWER CLEANOUTS SHALL BE BUILT OUTSIDE OF THE DRIVEWAY PAVEMENT SURFACE.



ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

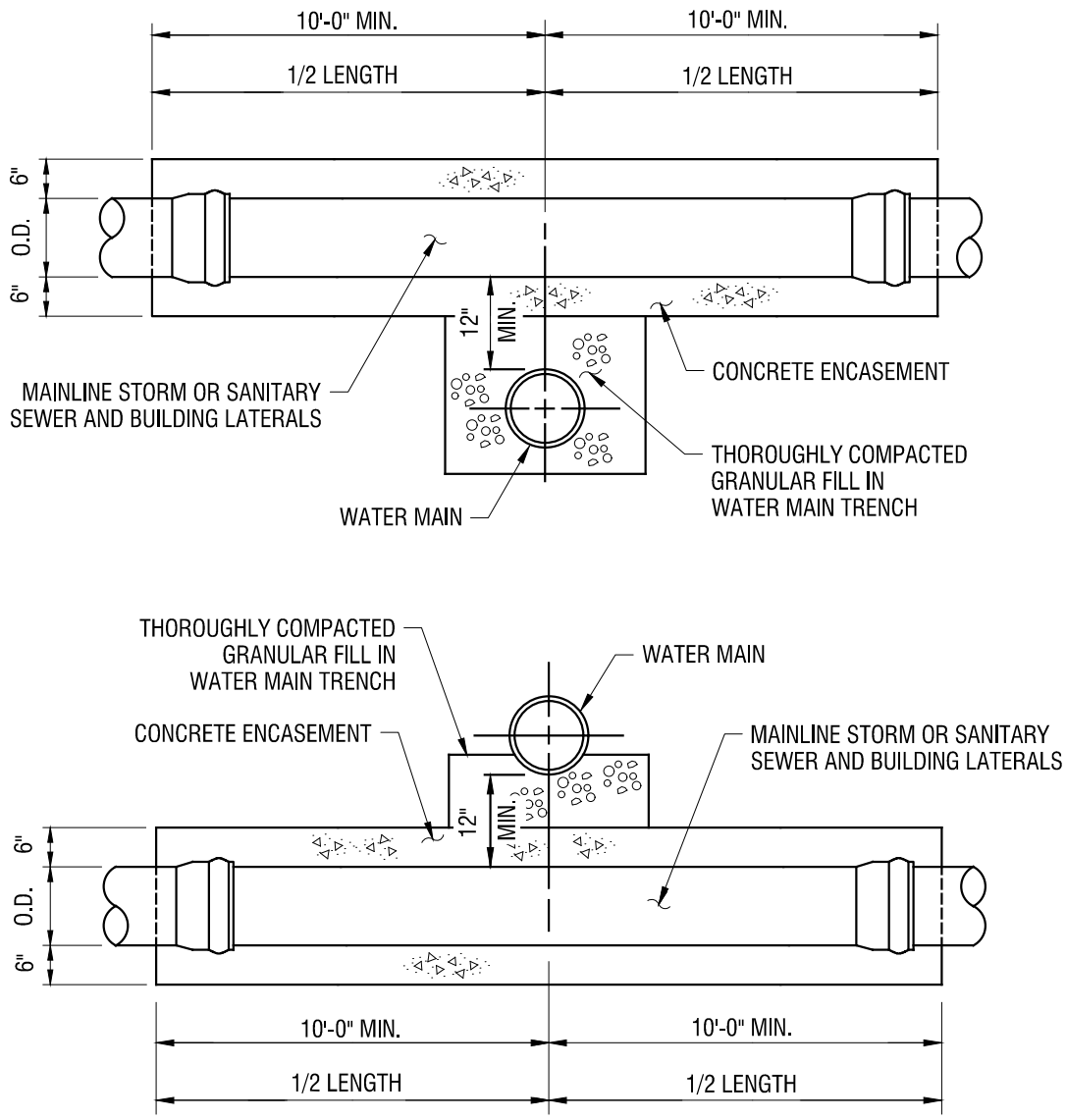
**WATER AND SEWER
HORIZONTAL SEPARATION DETAIL**

NOT TO SCALE

JULY 2018

WS-1

DATE/TIME: Friday, June 29, 2018 AT 11:53 AM
FILENAME: J:\Tyre, Town Of\2172262.03 - Const Specifications\Standard Details\2018 WS-2.dwg



NOTES:

- 1) PLACE WATER MAIN JOINTS EQUAL DISTANT FROM THE MAIN OR BUILDING SEWER.
- 2) WRAP ALL PIPE IN POLYETHYLENE FILM BEFORE ENCASING IN CONCRETE TO PREVENT ADHESION OF CONCRETE TO THE PIPE.

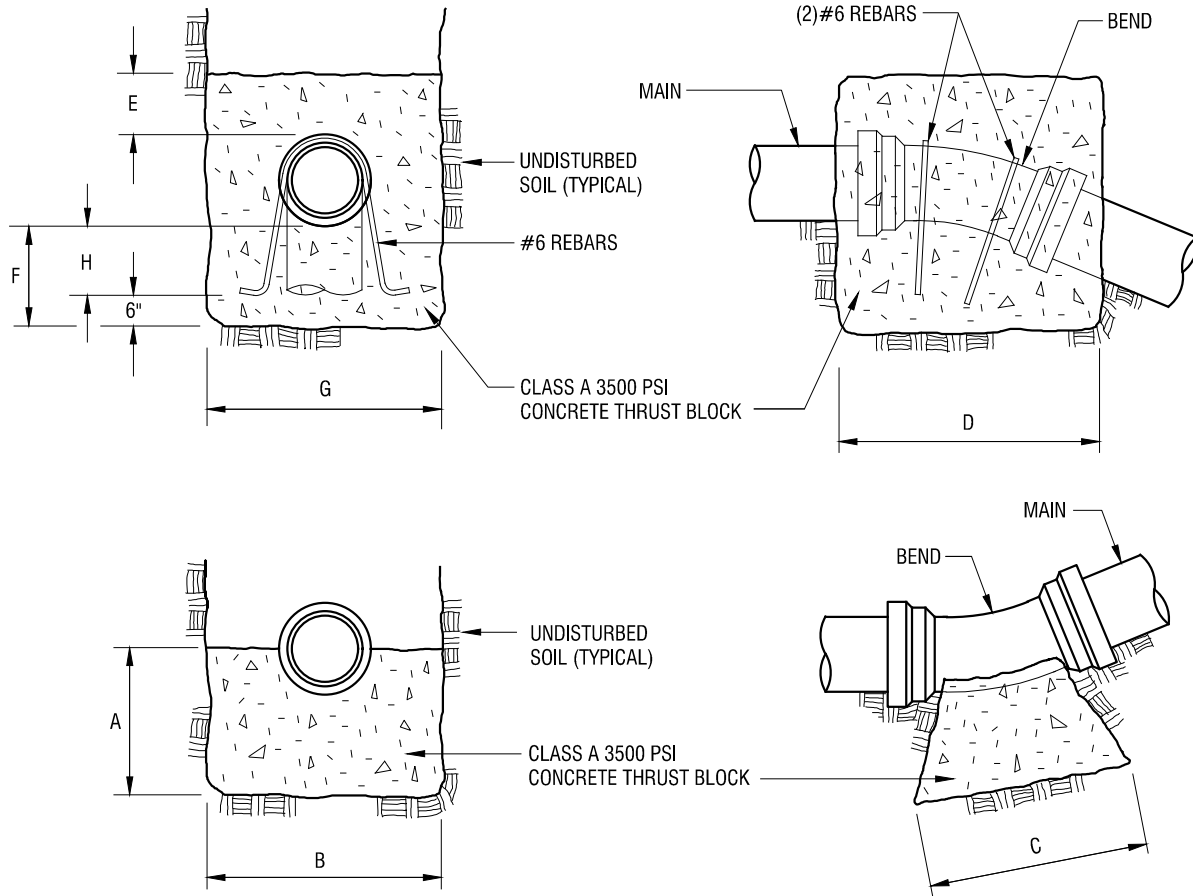


ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

**WATER MAIN & SEWER CROSSING
VERTICAL SEPARATION LESS THAN 18"**

NOT TO SCALE
JULY 2018
WS-2

WATER MAIN / SEWER CROSSING DETAIL										
CONDITION	SCHEMATIC	REQUIREMENTS								
I WATER LINE ABOVE SEWER LINE	WL MORE THAN 18" INCHES SL	A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM.								
II WATER LINE ABOVE SEWER LINE	WL 18 INCHES MIN SL	A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) WHEN BOTH WATER LINE AND SEWER LINE ARE NEW, SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. -OR- WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING.								
III SEWER LINE ABOVE WATER LINE	SL 18 INCHES MIN WL	A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) SLEEVE SEWER LINE WITH "STEEL CASING FOR 10FT." EACH SIDE OF CROSSING. C) PROVIDE CRADLE OF CONCRETE OR CRUSHER RUN STONE (SEE TRENCH SECTION DETAIL BELOW) FOR WATER LINE AND SEWER LINE FOR 10 FT. EACH SIDE OF CROSSING.								
LEGEND <table><tr><th>SYMBOL</th><th>DESCRIPTION</th></tr><tr><td>WL</td><td>(WATER LINE)</td></tr><tr><td>SL</td><td>(SEWER LINE, SANITARY OR STORM)</td></tr><tr><td>D</td><td>(OUTSIDE DIAMETER OF PIPE)</td></tr></table> NOTE: IN NO CASE SHALL PIPES EVER BE CLOSER THAN 12" INCHES APART VERTICALLY. DISTANCES ARE MEASURED BETWEEN OUTSIDES OF PIPES.		SYMBOL	DESCRIPTION	WL	(WATER LINE)	SL	(SEWER LINE, SANITARY OR STORM)	D	(OUTSIDE DIAMETER OF PIPE)	CAREFULLY TAMPED BACKFILL CRADLE OF CONCRETE OR CRUSHER RUN STONE 1/4D 1/4D 6" MIN. D PLUS 8 INCHES
SYMBOL	DESCRIPTION									
WL	(WATER LINE)									
SL	(SEWER LINE, SANITARY OR STORM)									
D	(OUTSIDE DIAMETER OF PIPE)									

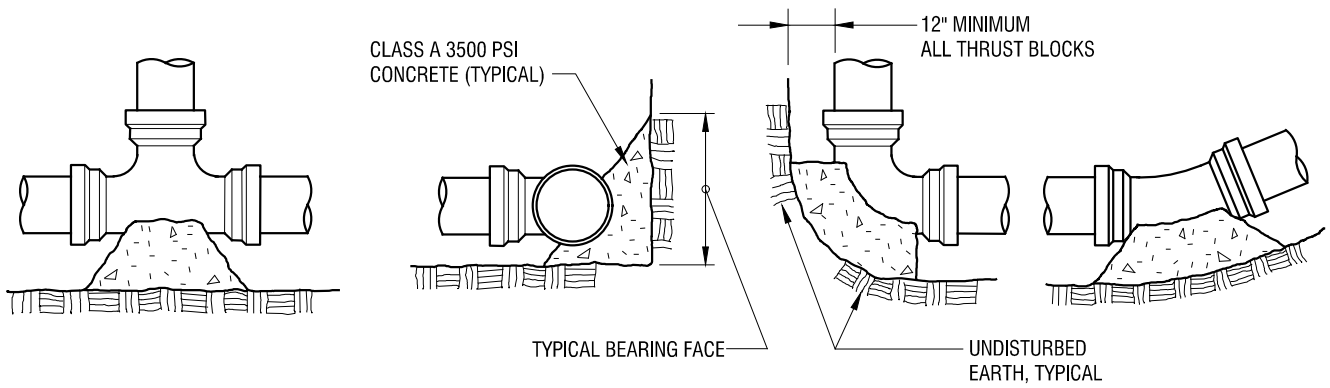


WATER MAIN		TOP SECTION MINIMUM VOLUME OF CONCRETE	MINIMUM DIMENSIONS (IN FEET)							
SIZE	BEND		A	B	C	D	E	F	G	H
6"	11 1/4°	0.40 C.Y.	1.0	2.5	1.0	2.0	0.5	1.0	2.5	0.5
	22 1/2°	0.65 C.Y.	1.0	2.5	1.5	2.0	1.0	2.0	2.5	1.5
	45 °	0.90 C.Y.	1.5	2.5	1.5	2.5	1.5	2.0	2.5	1.5
	90 °	1.50 C.Y.	1.5	2.5	2.0	4.0	1.5	2.0	3.0	1.5
8"	11 1/4°	0.60 C.Y.	1.0	2.7	1.5	2.0	1.0	1.5	2.7	1.0
	22 1/2°	0.85 C.Y.	1.5	2.7	1.5	2.5	1.0	2.0	2.7	1.5
	45 °	1.80 C.Y.	1.5	2.7	2.0	4.0	1.5	2.0	3.0	1.5
	90 °	2.80 C.Y.	2.0	2.7	2.0	4.0	2.0	3.0	3.5	2.5
10"	11 1/4°	1.20 C.Y.	1.5	3.0	1.5	2.5	1.5	2.0	3.0	1.5
	22 1/2°	2.10 C.Y.	1.5	3.0	2.0	4.0	2.0	2.0	3.0	1.5
	45 °	3.75 C.Y.	2.0	3.0	2.0	5.0	2.0	3.0	3.5	2.5
	90 °	4.80 C.Y.	2.0	3.0	2.5	5.5	2.5	3.5	3.5	3.0

NOTES:

1. TIE RODS ARE TO BE USED IN CONJUNCTION WITH CONCRETE THRUST BLOCKS FOR VERTICAL BENDS.
2. ALL MECHANICAL JOINTS SHALL BE SUPPLIED WITH RETAINER GLANDS.

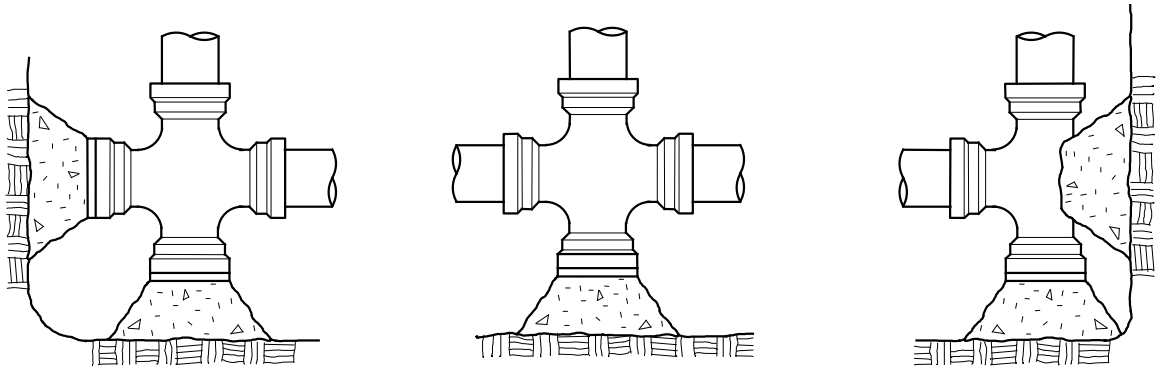
DATE/TIME: Friday, June 29, 2018 AT 12:41 PM
 FILENAME: \\PROJECTS2\Projects\NZ\Tyre, Town Of\2172262.03 - Const Specifications\Standard Details\2018 WS-4 WATER DETAILS.dwg



THRUST BLOCK AT TEE

TYPICAL ELEVATION
AT THRUST BLOCK

THRUST BLOCK AT BENDS



THRUST BLOCKS AT TEES,
CROSSES AND PLUGS

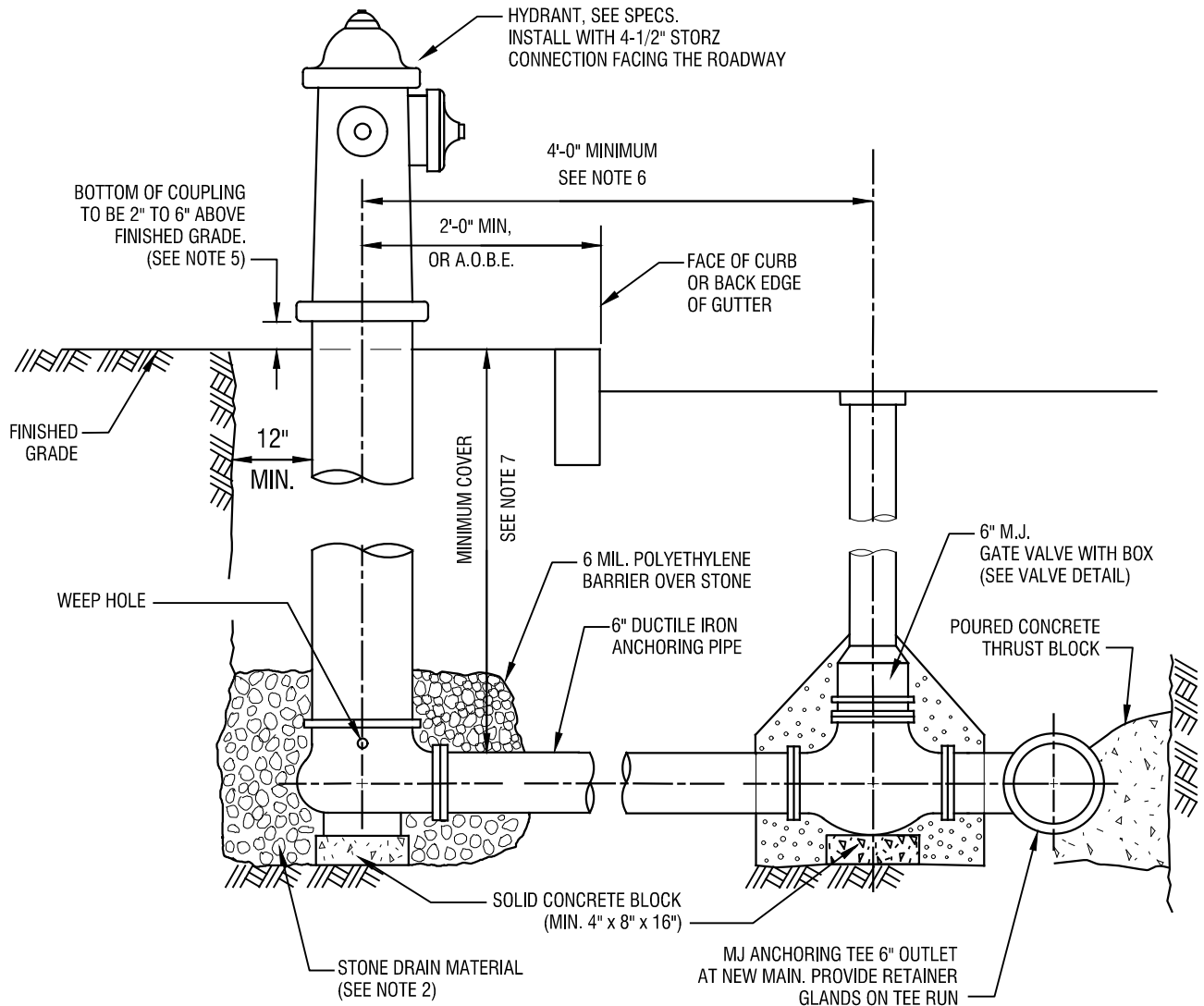
AREA OF BEARING FACE OF CONCRETE THRUST BLOCK IN SQ. FT. BLOCKS TO BE POURED AGAINST UNDISTURBED EARTH					
PIPE SIZE	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND	TEE OR PLUG
4",6"	6	3	3	3	5
8"	10	6	3	3	8
10"	17	9	5	3	12
12"	22	12	6	3	16
16"	24	13	7	3	19

AREAS BASED ON AN INTERNAL PRESSURE OF 150 P.S.I.G.
AND A SOIL BEARING PRESSURE OF 2000 P.S.F.

NOTES:

1. THRUST BLOCKS ARE TO BE PLACED AT ALL BENDS AND TEES.
2. THRUST BLOCKS ARE TO BE PLACED AT ALL TAPPING SLEEVE AND VALVE CONNECTIONS AS SHOWN ABOVE FOR TEE.
3. FACTORY CAST OFFSETS WILL BE TREATED AS (2) 45 DEGREE BENDS.
4. WOOD BLOCKING WILL NOT BE PERMITTED.
5. ALL MECHANICAL JOINTS SHALL BE SUPPLIED WITH RETAINER GLANDS.

DATE/TIME: Thursday, July 19, 2018 AT 11:39 AM
FILENAME: \\PROJECTS2\Projects\NY\Tyre, Town Of\2172262.03 - Const Specifications\Standard Details\2018 WS-4 WATER DETAILS.dwg



HYDRANT NOTES:

1. THE REQUIRED LENGTH FOR THE ANCHOR PIPE VARIES BASED ON THE HYDRANT LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE LENGTHS REQUIRED TO PLACE THE HYDRANT AT THE LOCATIONS SHOWN ON THE PLAN, OR AS ORDERED BY THE ENGINEER.
2. CONTRACTOR SHALL PLACE 1/2 CUBIC YARD OF CRUSHED STONE DRAIN MATERIAL OVER THE HYDRANT BASE ELBOW TO A POINT 12 INCHES ABOVE THE WEEP HOLES.
3. PROVIDE CONCRETE BLOCKING ON THREE SIDES OF THE HYDRANT BARREL AGAINST UNDISTURBED EARTH TO MAINTAIN PLUMB VERTICAL POSITION OF THE HYDRANT.
4. HYDRANT WEEP HOLES SHALL BE PLUGGED AND STONE DRAIN MATERIAL OMITTED AS ORDERED BY THE ENGINEER WHEN EVIDENCE OF SEASONALLY HIGH GROUND WATER IS FOUND IN THE SOIL IN THE TRENCH.
5. IF REQUIRED CONTRACTOR SHALL PROVIDE HYDRANT EXTENSION KIT TO SET HYDRANT AT PROPER ELEVATION.
6. IF REQUIRED A HORIZONTAL BEND SHALL BE USED TO ACHIEVE A MINIMUM PIPE LENGTH OF 4 FEET BETWEEN GATE VALVE AND HYDRANT.
7. HYDRANT BRANCH PIPE SHALL HAVE A MINIMUM COVER THE SAME AS WATERMAIN. SEE WATERMAIN TRENCH DETAIL.
8. VALVES TO CLOSE RIGHT.



ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

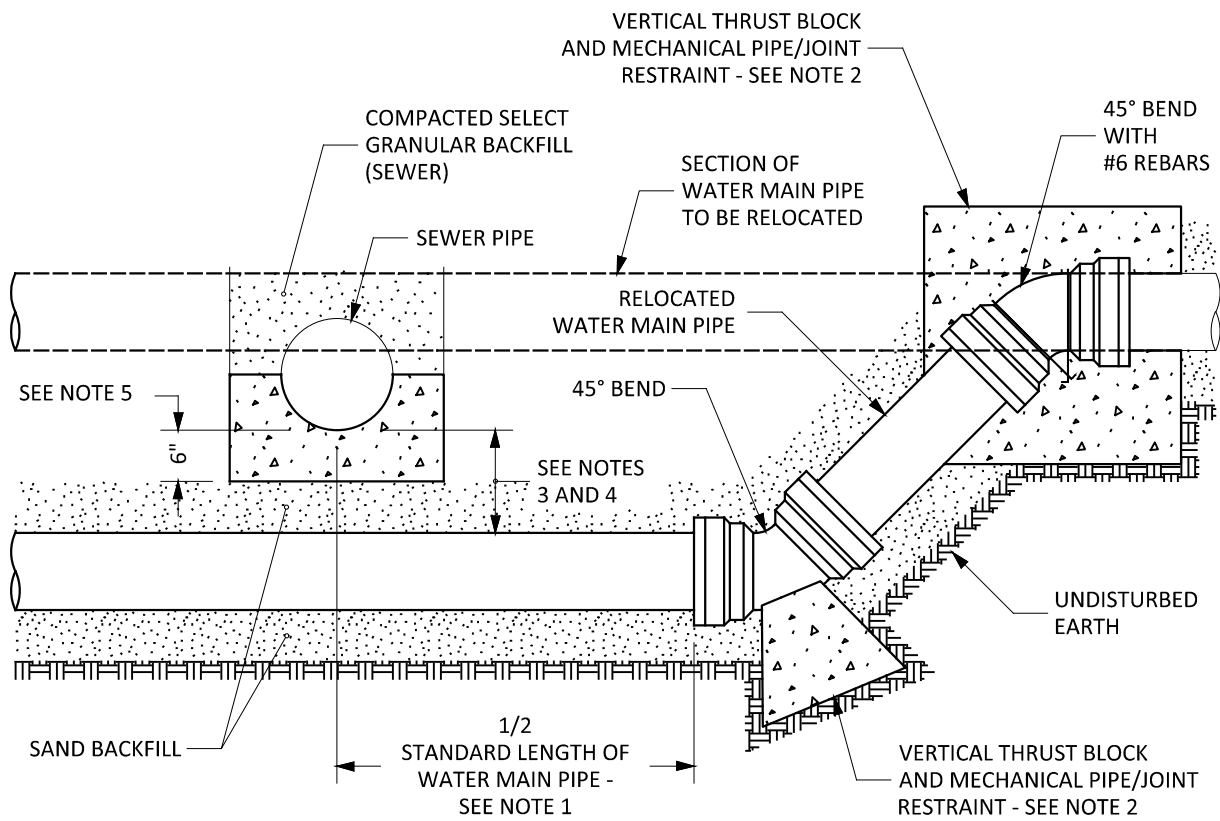
PERPENDICULAR HYDRANT ASSEMBLY

NOT TO SCALE

JULY 2018

WS-6

DATE/TIME: Thursday, July 19, 2018 AT 10:49 AM
FILENAME: \\PROJECTS\Projects\TYRE, Town Of\2172262.03 - Const Specifications\Standard Details\2018 WS-4 WATER DETAILS.dwg



NOTES:

1. ONE STANDARD FULL LENGTH OF WATER MAIN PIPE IS TO BE CENTERED ON SEWER PIPE SO THAT BOTH JOINTS OF WATER MAIN PIPE WILL BE AS FAR FROM SEWER PIPE AS POSSIBLE.
2. THRUST BLOCKS AND PIPE/JOINT RESTRAINTS ARE TO BE PROVIDED AT ALL BENDS, SEE DETAILS
3. WHERE WATER MAIN PIPE PASSES UNDER SEWER PIPE THERE IS TO BE MINIMUM 18 INCHES OF VERTICAL SEPARATION BETWEEN WATER MAIN PIPE AND SEWER PIPE.
4. WHERE VERTICAL SEPARATION IS LESS THAN 18 INCHES, WATER MAIN PIPE JOINTS LOCATED WITHIN 18 FEET OF BOTH SIDES OF SEWER PIPE MUST BE ENCASED WITHIN CONTROLLED DENSITY FILL MATERIAL, OR SEWER PIPE CONSTRUCTED WITH WATER MAIN STANDARD PIPE AND TESTED TO 150 PSI.
5. WHERE WATER MAIN PIPE PASSES UNDER SEWER PIPE THERE IS TO BE MINIMUM OF 6 INCHES OF CLASS K CONCRETE OR CRUSHED STONE BEDDING MATERIAL FOR SEWER PIPE.



ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

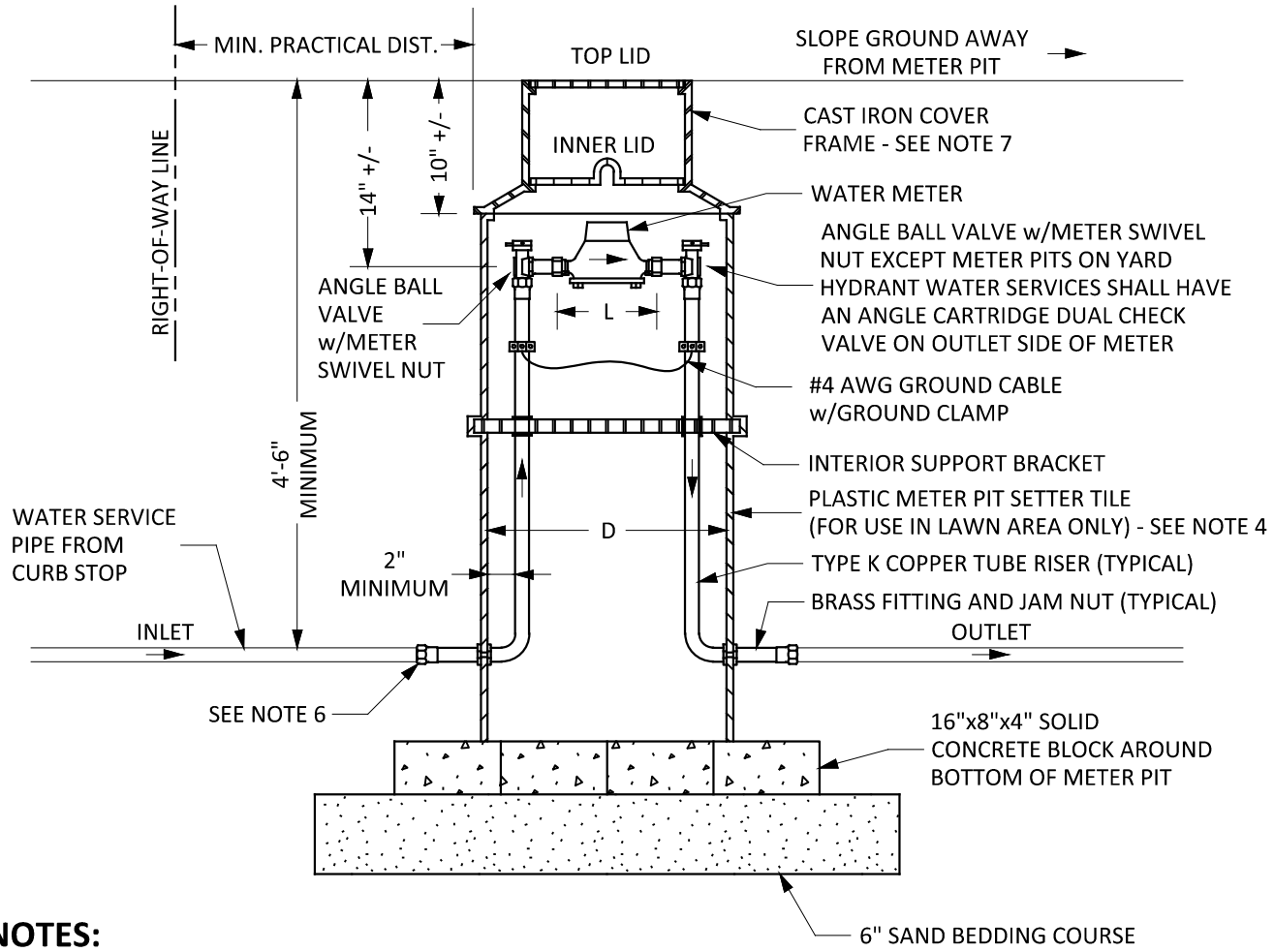
**WATER MAIN CROSSING
BELOW SEWER PIPE**

NOT TO SCALE

JULY 2018

WS-7

DATE/TIME: Thursday, July 19, 2018 AT 10:49 AM
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NOTES:

1. WATER METER WILL BE FURNISHED BY WATER PURVEYOR.
2. ELECTRONIC READ DEVICE WILL BE INSTALLED BY WATER PURVEYOR.
3. WATER PIPE, VALVES AND FITTINGS (EXCLUDING WATER METER) ARE TO BE ASSEMBLED INSIDE METER PIT AT FACTORY.
4. WHEN INSTALLED IN PAVED AREA, WATER METER PIT IS TO BE DESIGNED TO SUPPORT AASHTO HS-20-44 WHEEL LOADING. SUBMIT SHOP DRAWINGS OF METER PIT TO WATER PURVEYOR FOR APPROVAL PRIOR TO FABRICATION.
5. SAND BACKFILL AROUND EXTERIOR WALLS OF METER PIT IS TO BE CAREFULLY PLACED AND COMPACTED.
6. BOTTOM INLET AND OUTLET CONNECTIONS ARE TO ACCOMMODATE EITHER FLARED COPPER JOINT OR PLASTIC CTS "QUICK" COMPRESSION JOINT, DEPENDING ON WATER SERVICE PIPE MATERIAL.
7. TOP LID IS TO BE 11½ INCH DIAMETER LOCKING CAST IRON WITH HOLE AND PLUG FOR ELECTRONIC METER READ MODULE. INNER LID IS TO BE PLASTIC. COVER FRAME IS TO BE SIZED TO FIT REQUIRED DIAMETER OF METER PIT SETTER TILE.

METER SIZE (INCHES)	"L" (INCHES)	"D" (INCHES) MINIMUM
5/8"	7½"	18"
5/8"x3/4"	7½"	18"
3/4"	9"	20"
1"	10¾"	20"
SEE NOTE 7 FOR COVER TYPE		

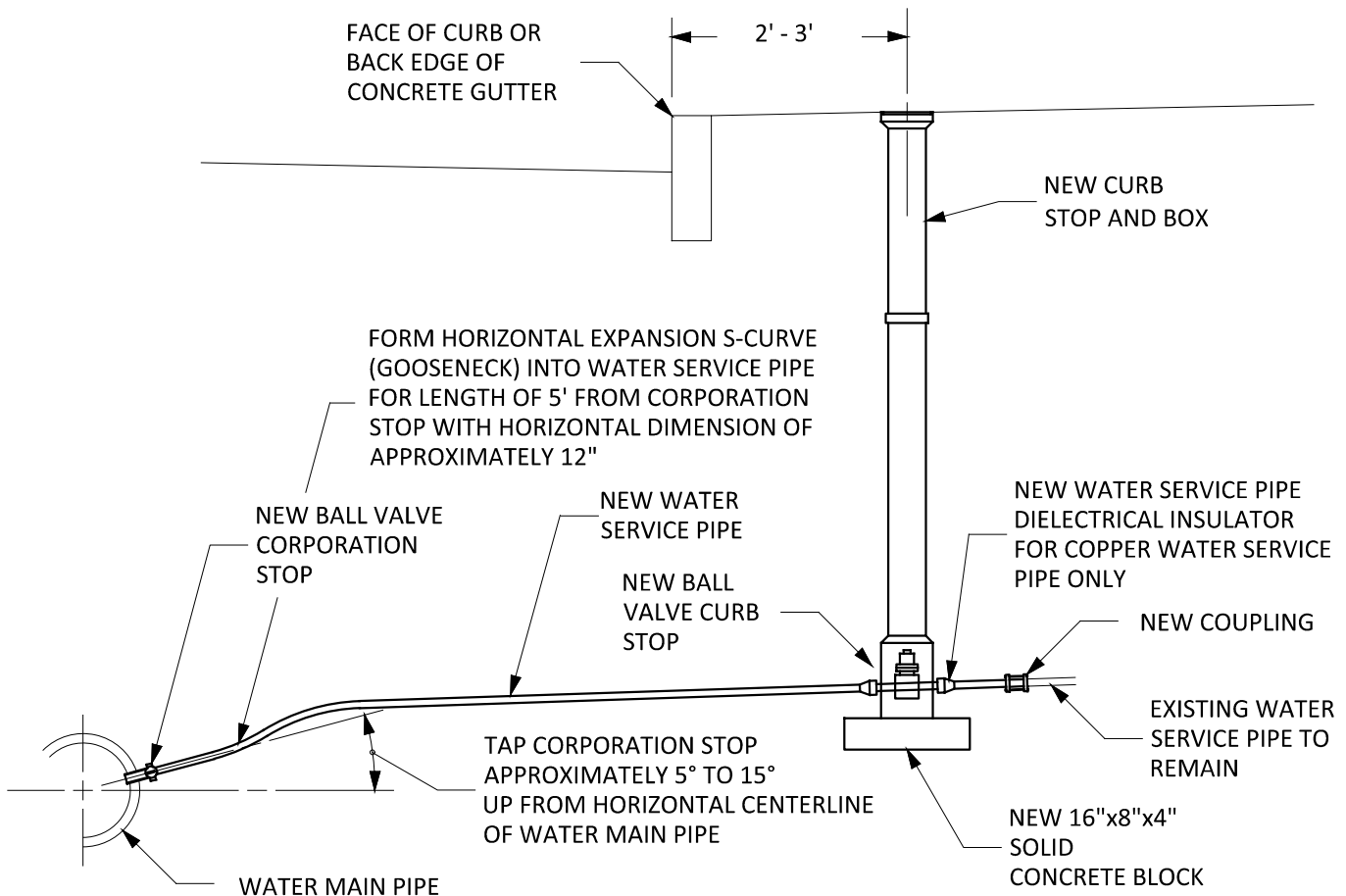


ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

**WATER METER PIT 1 INCH & SMALLER
IN LAWN AREA**

NOT TO SCALE
JULY 2018
WS-8

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NOTES:

1. WATER SERVICE PIPE IS TO HAVE MINIMUM COVER DEPTH OF 4.50 FEET FROM FINISHED SURFACE.
2. WATER SERVICE TAP IS TO BE MADE ON CUSTOMER SIDE OF WATER MAIN PIPE. FOR PLASTIC WATER MAIN PIPE USE WIDE STRAP BRASS TAPPING SADDLE. FOR CAST/DUCTILE IRON WATER MAIN PIPE USE DOUBLE STRAP BRASS TAPPING SADDLE, SEE TABLE.
3. WATER SERVICE PIPE IS TO RUN PERPENDICULAR TO WATER MAIN PIPE.
4. FOR WATER SERVICE PIPE 1½ INCHES AND LARGER, ADD CURB BOX ARCH TO CURB BOX.
5. TRACER WIRE MUST BE INSTALLED FOR PLASTIC WATER SERVICE PIPE, SEE DETAILS.
6. MAGNESIUM ANODE MUST BE INSTALLED FOR COPPER WATER SERVICE PIPE, SEE DETAIL.
7. WARNING TAPE MUST BE INSTALLED WITH ALL OPEN CUT TRENCHED WATER SERVICE PIPE INSTALLATIONS.
8. REFER TO WATER PURVEYOR'S APPROVED PRODUCT LIST FOR LIST OF APPROVED WATER SERVICE PRODUCTS.

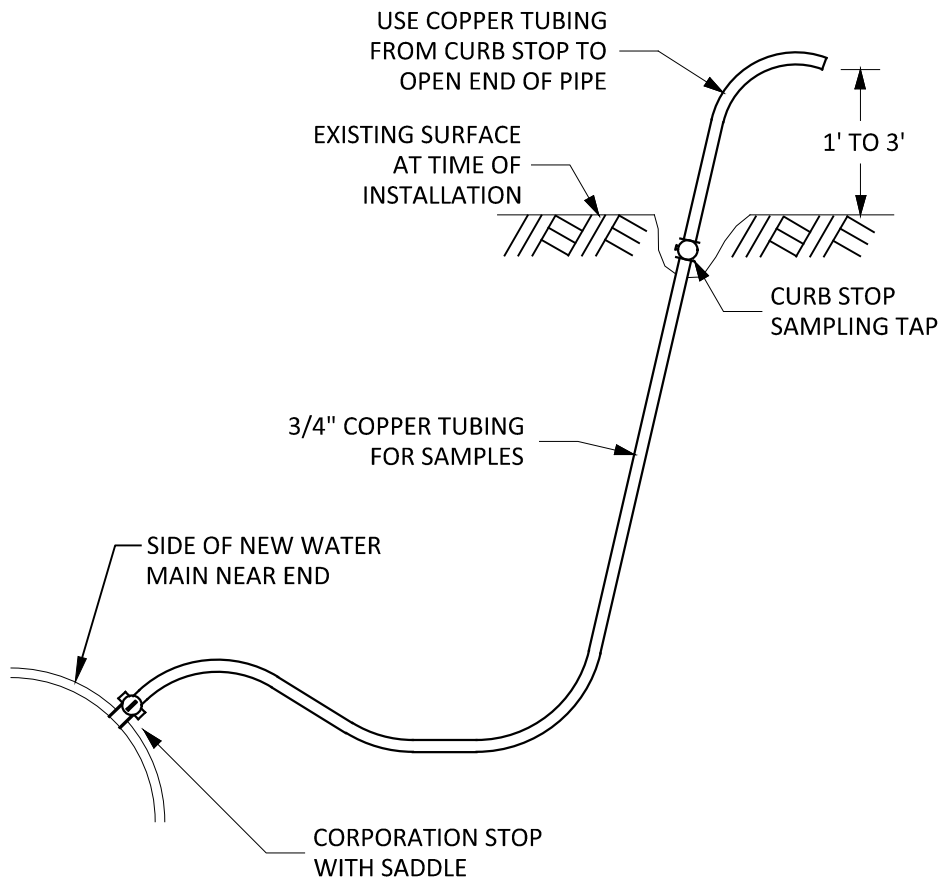
SERVICE SADDLE REQUIREMENTS FOR TAPS ON CAST/DUCTILE IRON WATER MAIN PIPE	
WATER MAIN PIPE SIZE (INCHES)	MAXIMUM TAP SIZE ALLOWED w/o SERVICE SADDLE (INCHES)
4" - 6"	ALL TAPS REQUIRE SADDLE
8" - 10"	¾"
12"	1"
16" AND LARGER	1½"



ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

WATER SERVICE PIPE 2 INCH & SMALLER

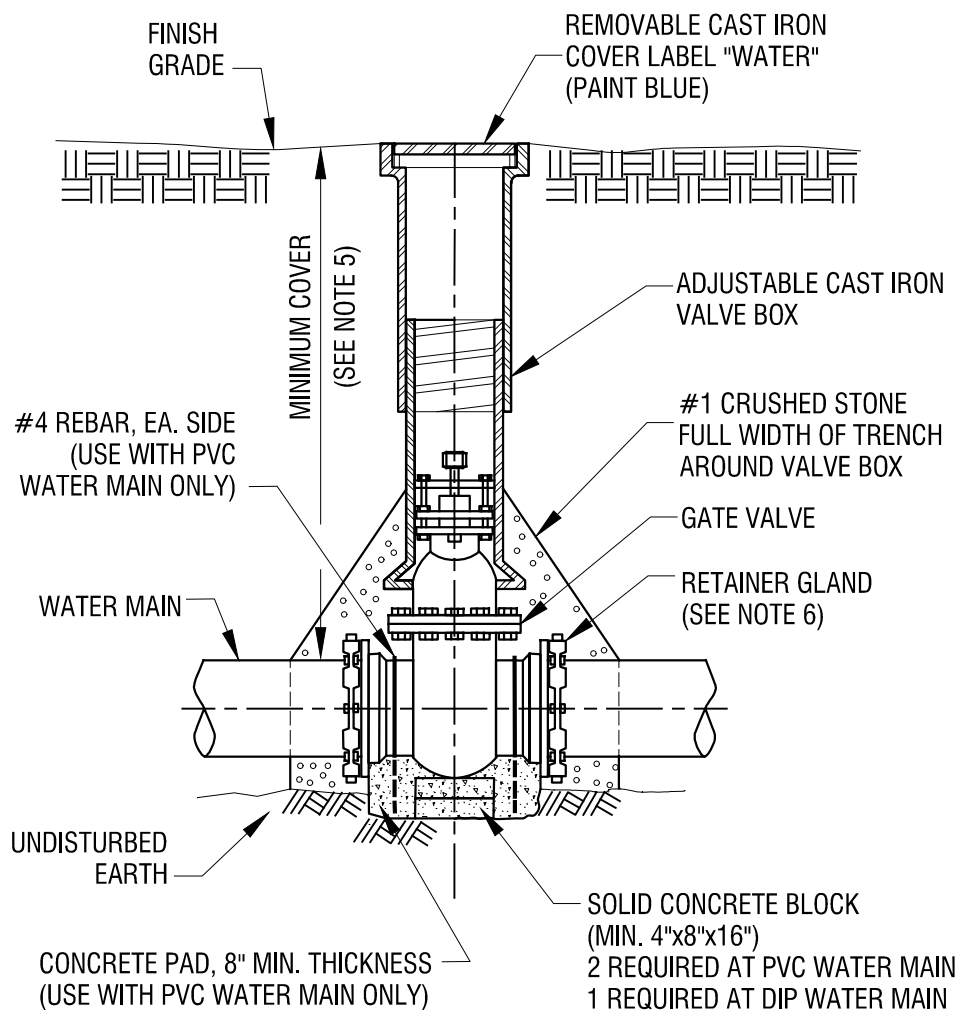
NOT TO SCALE
 JULY 2018
 WS-9



NOTES:

1. IF SAMPLING TAP IS LOCATED IN PAVED AREA, SAMPLING TAP IS TO BE KEPT BELOW GROUND EXCEPT WHEN IN USE.
2. IF APPROVED BY THE ENGINEER, SAMPLING TAP MAY BE LOCATED AT SAME LOCATION AS NEW WATER SERVICE.
3. IF SAMPLING TAP IS NOT TO BE USED AS NEW WATER SERVICE, UPON NOTIFICATION OF ACCEPTABLE SAMPLE RESULTS, CORPORATION STOP IS TO BE REMOVED AND REPLACED WITH A BRASS PLUG OR CORPORATION STOP IS TO BE CLOSED, WATER SERVICE PIPE DISCONNECTED FROM CORPORATION AND BRASS CAP INSTALLED ON OUTLET OF CORPORATION STOP.
4. MAXIMUM DISTANCE BETWEEN SAMPLING TAPS ON NEW WATER MAIN INSTALLATION IS 1,000 FEET.

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NOTES:

1. VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL.
2. VALVE SHALL NOT SUPPORT VALVE BOX.
3. BODY AND BONNET BOLTS SHALL BE STAINLESS STEEL.
4. VALVES SHALL BE OPEN LEFT.
5. MINIMUM COVER SHALL BE AS SHOWN ON WATER MAIN TRENCH DETAIL.
6. RETAINER GLANDS NOT REQUIRED AT HYDRANT GUARD VALVES.
GUARD VALVES SHALL BE RESTRAINED WITH ANCHOR PIPE.
7. REFER TO PLANS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

Town of
TYRE
NEW YORK

ALL CONSTRUCTION TO CONFORM TO SPECIFICATIONS WRITTEN IN THE TYRE D&C STANDARDS

MJ GATE VALVE

NOT TO SCALE

JULY 2018

WS-11



1. LIMITS SHOWN ARE MAXIMUM ALLOWED AND MINIMUM REQUIRED FOR EXCAVATION AND BACKFILL.
2. UPPER LIMIT FOR TRENCH EXCAVATION IS TOP OF EXISTING SURFACE AT TIME OF TRENCH EXCAVATION.
3. UPPER LIMIT FOR ROCK EXCAVATION IS TOP SURFACE OF ROCK.
4. UPPER LIMIT FOR SELECT GRANULAR BACKFILL (WATER) IS BOTTOM OF TEMPORARY PAVEMENT, IF USED, OTHERWISE TOP OF SURFACE.
5. TEMPORARY OR PERMANENT BLOCKS OR ANY OTHER TYPE OF PIPE SUPPORT IS NOT TO BE USED DURING PIPE INSTALLATION.
6. MINIMUM DEPTH OF COVER FOR WATER PIPE FROM TOP OF PROPOSED GRADE IS 5 FEET FOR DOMESTIC WATER PIPE, UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY PROJECT MANAGER.

TOWN OF BOSTON – RESOLUTION NO. 2024 - 67

**AMENDING 2024 BUDGET TO PROPERLY ACCOUNT
FOR NYSERDA CLEAN ENERGY COMMUNITIES GRANT RECEIVED**

WHEREAS, the Town of Boston sought out clean energy initiatives such as energy benchmarking, a unified solar permit, energy-related code enforcement training, LED light conversion for all town owned street lights and municipal buildings; and

WHEREAS, the Town was awarded a Clean Energy Communities 1-Star designation grant from the New York State Research and Development Authority (NYSERDA) in the amount of \$10,000.00; and

WHEREAS, the town plans to put this grant towards the purchase and installation of a Dual Port Electric Vehicle Charging Station at Town Hall; and

WHEREAS, these funds were not included in either the revenue or expenditures budgeted for the fiscal year ended December 31, 2024;

NOW THEREFORE BE IT

RESOLVED, that the 2024 Town of Boston Budget hereby is amended effective immediately:

- 1) Increase Appropriations:
Account No. A00-8410-0200 Electric & Power – Equipment \$10,000.00
- 2) Increase Revenues:
Account No. A00-3089-0000 State Aid – Other \$10,000.00

On October 16, 2024, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Councilmember Cartechine	[]	[]	[]	[]
Councilmember Lucachik	[]	[]	[]	[]
Councilmember Martin	[]	[]	[]	[]
Councilmember Selby	[]	[]	[]	[]
Supervisor Keding	[]	[]	[]	[]

Sandra L. Quinlan, Town Clerk

Resolution 2024-__ EV Charging
Electrical/Installation (**Ryan**)



TOWN OF BOSTON

Date Submitted: 10/7/2024

Project Description:

Electrical work and installation of EV Charger (x2) at 8500 Boston State Road. Charging unit to be supplied by others.

Resolution 2024-45 approved supply purchase.

Company/Contact Info		Price
Quote 1	Sub-City Electrical Services, Inc. 716-864-8527	\$6,490.00
Quote 2	S. Mandiak Electric, LLC 716-226-8027	\$8,899.00
Quote 3	Electrical Services & Systems Installation 716202-7247	*Requested quote but did not receive anything.
Quote 4 (Optional)		
Quote 5 (Optional)		

Lowest Bid: Sub City Electrical Services, Inc.

Amount: \$6,490.00

FOR OFFICE USE ONLY

Approval Date: _____

P.O. #: _____

Resolution (if applicable): _____



3449 Dolphin Drive • Blasdel, NY 14219 • (716) 864-8527

Estimate

Name/Address
Town of Boston Attention: Shawn 8500 Boston State Road Boston, NY 14025

Date	Estimate No.
07/16/24	4618

Item	Description	Total
Electrical	Sub-City Electrical, Inc. proposes pricing on the following:	
	Electrical Service Work -Remove and replace (1) customer supplied RAB fixture on pole light, including required bucket truck	270.00
	This estimate is an approximation and is not guaranteed. The estimate is based on information provided from the client regarding project requirements. Actual cost may change once all project elements are finalized or negotiated. Prior to any changes of cost, the client will be notified. Estimate valid for 30 days. ***NOTE*** Credit Card Processing will be an additional 3% of the total invoice Sales Tax	0.00
Thank you for the opportunity to quote your electrical project.		Total \$270.00



S. Mandiak Electric LLC

5345 Scranton Road | Hamburg, New York 14075
7162268027 | jbraunscheidel15@gmail.com

RECIPIENT:

Shawn Vanderdoes

8500 Boston State Road
Boston, New York 14025

Quote #295

Sent on

Sep 24, 2024

Total

\$8,899.00

Product/Service	Description	Qty.	Unit Price	Total
EV Charger installation	This estimate includes the installation of a new concrete pad installed at the edge of the back top near the pole mounted meter and panel This estimate includes the installation of two bollards in front of the concrete pad This estimate includes two 240 volt 50 amp feeds ran from the panel mounted on the utility pole, underground to the center of the pad This estimate includes excavation for underground conduits This estimate includes mounting the Blink Charging station to the concrete pad and the connection to the 240 volt feeds This estimate does not include an ethernet connection. If an Ethernet connection is needed an additional cost may be added for installation This estimate does not include repair to the lawn after back filling the trench S. Mandiak Electric will not be responsible for the purchase of the EV Charging station	1	\$7,439.00	\$7,439.00
New panel installation	This estimate includes the installation of one 3r panel in place of the existing panel mounted on the utility pole This estimate includes new breakers for the existing circuits in this panel	1	\$1,460.00	\$1,460.00

Total

\$8,899.00

This quote is valid for the next 30 days, after which values may be subject to change.

Margaret Derk

From: Norm Queeno <bfcnorm@gmail.com>
Sent: Wednesday, October 2, 2024 8:50 PM
To: Sandra Quinlan; Michael Cartechine
Subject: Boston Fire Company New Members
Attachments: Claire Tartick Junior BFC Application - Sep 26 2024 - 8-32 PM.pdf; Travis Nardolillo BFC Application - Sep 26 2024 - 8-33 PM.pdf

Hello Sandy,

We have a new Junior and a new member for the Towns Approval. Attached please find the Junior Application for Claire Tartick and Member Application For Travis Nardilillo. Both Claire and Travis passed the required Background checks and were voted into membership in the 4 October 2nd BFC general meeting.

--

Norm Queeno
Chief
Boston Fire Company
716-697-3312
Fax 716-941-6200
bfcnorm@gmail.com



6746 Mill St, Boston NY 14025

APPLICATION FOR MEMBERSHIP

1. Full Name Travis James Nardolillo Soc. Sec. # [REDACTED]
2. Address [REDACTED]
3. Home Phone [REDACTED] Work Phone ()
4. Years at current residence 1 year Years a resident of NY State 30
5. DOB: [REDACTED] Age: [REDACTED]
6. Employment: General Contractor - Self employed
7. Previous Emergency Service Experience: None
8. Valid NYS Drivers License? Yes X No Class A
9. Have you ever been convicted of or plead guilty to any felony or misdemeanor involving Fraud, Arson, Theft, Burglary, or Assault? Yes No X If yes, explain below:
10. Are you under treatment for, or do you have any medical or emotional conditions; and are you taking any medications that could interfere with your ability to perform firefighting duties?
 Yes No X If yes, explain:
11. OSHA requires that all firefighters take and pass an annual physical exam: Will you be willing to undergo said examination by the Fire Company physician? Yes X No
 ** It is the duty of each firefighter to inform the Chief immediately of any medical changes that might occur during the tenure of his/her membership that would impact their ability to perform their duties, and the Chief may require appropriate medical clearance for continued firefighting service.

Recommended By Cody Yetter

13. Please furnish the names, addresses and phone numbers of three (3) persons *unrelated* to you, whom we may contact as references as to your character and qualifications:

Name	Address	City	State/Zip	Phone
a. <u>Justin uncapther</u>	<u>[REDACTED]</u>			
b. <u>Seth Gunther</u>	<u>[REDACTED]</u>			
c. <u>Jeremy Sittnewski</u>	<u>[REDACTED]</u>			

PRIVACY POLICY:

Under Sect 94 of the NYS Public Officers Law and Art. 6 of the NYS Executive Law, any personal information collected will be held in confidentiality, to be used only to determine the applicant's qualifications for duty. Said data will be maintained in the applicants personnel file, and will only be released to the Chief and/or other supervisors. Falsifications and/or omission of data with the intent to mislead and/or deceive will be considered fraud, and is grounds for summary dismissal from the Boston Fire Company, Inc.

14. I Travis J. Nardolillo, acknowledge the Privacy Policy above, and affirm that the data cited in my application is true and factual, to the best of my knowledge.

Signature of Applicant Travis J. Nardolillo

Date 9/3/24

First Reading Date 9-4-24

APPLICATION PROCEDURAL ACTIONS

Executive Board Action: Date

Recommended

Not Recommended

Board Members Present:

Second Reading Date:

Results of Election: Accepted Rejected

Recorded By:

(signature of Presiding Officer or Secretary)

Town of Boston Planning Board Appointment
of Anthony Braunscheidel, **Alternate member,**
term through 12/31/2026.

September 25, 2024



Sandra Quinlan
Boston Town Clerk
8500 Boston State Rd
Boston, NY 14025

Re: Town Planning Board Appointment Request

Dear Ms. Quinlan,

I am writing to express my interest in joining the Town Planning Board. My family and I have resided on Meadow Drive in the town of Boston for over twenty five years. We enjoy living here and have taken interest in the many positive changes which have occurred over time. I have long since wanted to become more active in the Town, but was occupied with other priorities. However, being semi-retired, I can now devote time to the community in which I reside. I have no particular agenda - other than participation.

By way of career background, I completed thirty years of service at the international Peace Bridge - a NY Public Authority. I retired as the facility and operations manager. In that role I had responsibilities for capital construction projects as well as daily maintenance and general operations. In my role, I was involved with strategic planning, consultant management, routinely interacted with the public, and reported monthly to the Board of Directors.

After retiring early, I worked for another five years in consulting for different firms. One specialized in energy performance contracting, and the other specialized in forensics engineering. In my management roles with those firms, I was involved with, and led business planning efforts. Some of the clients we served in consulting were municipalities. I therefore have some exposure to local government processes. Currently, I am working part-time as a coach to individuals with Parkinson's Disease.

Thank you for the opportunity to present my desire and credentials to be considered for appointment on the Town Planning Board.

Regards,

A handwritten signature in blue ink, appearing to read 'Anthony D. Braunscheidel', written over a circular blue ink stamp.

Anthony D. Braunscheidel



TOWN OF BOSTON

October 11, 2024

JASON A. KEDING
Supervisor

S. Quinlan
Town Clerk
Town of Boston,

MICHAEL A. CARTECHINE
JENNIFER L. LUCACHIK
KELLY L. MARTIN
KATHLEEN SELBY
Town Board

RE:2024 Association of Towns Planning and Zoning School
Monday, October 28,2024 Marriott Niagara Amherst, New York

SANDRA L. QUINLAN
Town Clerk -Tax Collector

ROBERT J. TELAAK
Highway Supt.

I respectfully submit my request to attend a 2024 Planning and Zoning seminar presented by the Association of Towns as outlined above. The cost for members is \$80. The seminar runs from 8 a.m. to 12 p.m.

DEBRA K. BENDER
KYLE CALABRESE
Town Justice

Ryan McCann
Town Attorney

Thomas C. Murphy
Code Enforcement Officer
Town of Boston
State of New York

LAURIE BAKER
Prosecutor

Thelma Hornberger
Assessor

THOMAS C. MURPHY
Code Enforcement Officer

TOWN HALL
(716) 941-6113
Fax (716) 941-6116

TOWN SUPERVISOR
(716) 941-6518
Fax (716) 941-9264

TOWN COURT
(716) 941-6115
Fax (716) 941-5169

HIGHWAY GARAGE
(716) 941-5869
Fax (716) 941-3677

NUTRITION PROGRAM
(716) 941-5773

8500 Boston State Road Boston, New York 14025-9848

The Town of Boston is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call 1-866-632-9992 to request the form. You may also write a letter containing all the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or fax 202-690-7442 or e-mail at program.intake@usda.gov.