# GENESEE COUNTY PLANNING BOARD REFERRALS
# NOTICE OF FINAL ACTION

| | |
|---|---|
| GCDP Referral ID | **T-05-BAT-2-18** |
| Review Date | **2/8/2018** |
| Municipality | **BATAVIA, T.** |
| Board Name | **PLANNING BOARD** |
| Applicant's Name | **Town of Batavia Fire Dept.** |
| Referral Type | **Site Plan Review** |
| Variance(s) | |
| Description: | **Site Plan Review to construct a new fire station.** |
| Location | **8536 Stringham Dr., Batavia** |
| Zoning District | **Residential (R) District** |

PLANNING BOARD DECISION

**APPROVAL WITH MODIFICATION(S)**

EXPLANATION:

The required modification is that the applicant obtains a NYS Department of Transportation (DOT) driveway permit for the change in use. With this required modification the proposed fire station should pose no significant county-wide or inter-community impact.

Felix A. [signature]

Director

February 8, 2018

Date

If the County Planning Board disapproved the proposal, or recommends modifications, the referring agency shall NOT act contrary to the recommendations except by a vote of a majority plus one of all the members and after the adoption of a resolution setting forth the reasons for such contrary action. Within 30 days after the final action the referring agency shall file a report of final action with the County Planning Board. An action taken form is provided for this purpose and may be obtained from the Genesee County Planning Department.

**SEND OR DELIVER TO:**
GENESEE COUNTY DEPARTMENT OF PLANNING
3837 West Main Street Road
Batavia, NY 14020-9404
Phone: (585) 815-7901

**DEPARTMENT USE ONLY:**
GCDP Referral # T-05-BAT-2-18

RECEIVED
Genesee County
Dept. of Planning
1/31/2018

# * GENESEE COUNTY * PLANNING BOARD REFERRAL

Required According to:
**GENERAL MUNICIPAL LAW ARTICLE 12B, SECTION 239 L, M, N**
**(Please answer ALL questions as fully as possible)**

## 1. REFERRING BOARD(S) INFORMATION

Board(s) Town of Batavia Planning Board
Address 3833 West Main St. Rd.
City, State, Zip Batavia, NY 14020
Phone (585) 343 - 1729 Ext. 208

## 2. APPLICANT INFORMATION

Name Town of Batavia Fire Dept
Address 8362 Lewiston Rd.
City, State, Zip Batavia, NY 14020
Phone (585) 344 - 3284 Ext. Email

**MUNICIPALITY:** ☐ City ☒ Town ☐ Village of

## 3. TYPE OF REFERRAL: (Check all applicable items)

- ☐ Area Variance
- ☐ Use Variance
- ☐ Special Use Permit
- ☒ Site Plan Review
- ☐ Zoning Map Change
- ☐ Zoning Text Amendments
- ☐ Comprehensive Plan/Update
- ☐ Other:

Subdivision Proposal
- ☐ Preliminary
- ☐ Final

## 4. LOCATION OF THE REAL PROPERTY PERTAINING TO THIS REFERRAL:

A. Full Address Clinton St.& Stringham Dr.
B. Nearest intersecting road Violet Lane
C. Tax Map Parcel Number 9.-1-84.11
D. Total area of the property 11.4A Area of property to be disturbed Approx 2A
E. Present zoning district(s) R

## 5. REFERRAL CASE INFORMATION:

A. Has this referral been previously reviewed by the Genesee County Planning Board?

☐ NO ☒ YES If yes, give date and action taken 3/13/2014 approved with modifcations

B. Special Use Permit and/or Variances refer to the following section(s) of the present zoning ordinance and/or law

C. Please describe the nature of this request site plan review for minor changes to original site plan

## 6. ENCLOSURES – Please enclose copy(s) of all appropriate items in regard to this referral

- ☒ Local application
- ☒ Site plan
- ☐ Subdivision plot plans
- ☒ SEQR forms
- ☐ Zoning text/map amendments
- ☐ Location map or tax maps
- ☐ Elevation drawings
- ☐ Agricultural data statement
- ☐ New or updated comprehensive plan
- ☐ Photos
- ☐ Other:

## 7. CONTACT INFORMATION of the person representing the community in filling out this form (required information)

Name Bruce Gerould Title CEO Phone (585) 343 - 1729 Ext. 208
Address, City, State, Zip 3833 West Main St. Rd. Email bgerould@townfobatavia.com

# Building and Zoning Application Permit No._____

**Town of Batavia 3833 West Main Rd. Batavia NY 14020 PH. 585-343-1729**

Date 1 / 25 / 18 Zone R Flood Zone C Wellhead Protection ____ Corner Lot____

New Construction ☑ Fence ☐ Pond ☐ Sign ☐ Alteration(s) ☐ Addition ☐ Demolition ☐

Accessory Bldg. ☐ Mobile Home ☐ Fill Permit ☐ Home Occupation ☐ Land Separation ☐ Site Plan Approval ☑

Special Use Permit ☐ Temporary Use ☐ Subdivision ☐ Zoning Variance Request ☐ Other ☐ Specify:_____

Tax Map No. Various, see survey

Owners Name Town of Batavia Fire Department Phone No. (585) 344-3284

Address 8382 Lewiston Road Batavia, NY 14020 Project Road Width 24 ft

Applicants Name Town of Batavia Fire Department Project Address not yet assigned

E Mail Address gs87gd@gmail.com Phone No (585) 344-3284

Description of Project: Construction of a new 10,500 sf fire station, new water service, new sanitary sewer service and associated driveways and parking.

Existing Use Residential Proposed Use Municipal

Estimated Cost Building $4,400,000 Plumbing_____ Mechanical_____ Miscellaneous_____

**SEQR CLASSIFICATION Type 1 ☐ Type 2 ☐ Unlisted ☐**

Review completed by Planning Board ☐_____ Zoning Board of Appeals ☐_____

**Permit Fee $**_____ **Application Date** ___/___/___ **Permit Expires On** ___/___/___

**Issuing Officer** _____ **Date**___/___/___

**IN SIGNING THIS DOCUMENT I HEARBY GIVE THE RIGHT OF AN ON SITE INSPECTION TO THE TOWN OF BATAVIA CODE ENFORCEMENT OFFICIAL OR THEIR DESIGNE. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PREFORMANCE OF CONSTRUCTION.**

I, Scott Gardock, as Owner or Authorized Agent hereby declare that the statements and information on the foregoing application are true and accurate, to the best of my knowledge.

Scott Gardock 1-26-18

**Signature** of Owner or Authorized Agent Date

*Full Environmental Assessment Form*
*Part 1 - Project and Setting*

## Instructions for Completing Part 1

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1is accurate and complete.

**A. Project and Sponsor Information.**

| | | |
|---|---|---|
| Name of Action or Project:<br>New Batavia Fire Department Fire Station | | |
| Project Location (describe, and attach a general location map):<br>Stringham Drive and Clinton Street Road, Batavia, NY 14021 | | |
| Brief Description of Proposed Action (include purpose or need):<br>Construction of a 10,000 SF fire station including site work, parking for approximately 25 vehicles, and access onto both Stringham Drive and Clinton Street Road. | | |
| Name of Applicant/Sponsor:<br>Town of Batavia Fire Department | Telephone: (585) 344-3284<br>E-Mail: gs87gd@gmail.com | |
| Address: 8382 Lewiston Road | | |
| City/PO: Batavia | State: NY | Zip Code: 14021 |
| Project Contact (if not same as sponsor; give name and title/role):<br>Gary Deigelman | Telephone: (585) 344-3284<br>E-Mail: | |
| Address:<br>8382 Lewiston Road | | |
| City/PO:<br>Batavia | State:<br>NY | Zip Code:<br>14020 |
| Property Owner (if not same as sponsor): | Telephone:<br>E-Mail: | |
| Address: | | |
| City/PO: | State: | Zip Code: |

**B. Government Approvals**

**B. Government Approvals Funding, or Sponsorship.** ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

| Government Entity | If Yes: Identify Agency and Approval(s) Required | Application Date (Actual or projected) |
|---|---|---|
| a. City Council, Town Board, or Village Board of Trustees ☐Yes☑No | | |
| b. City, Town or Village Planning Board or Commission ☑Yes☐No | Batavia Planning Board - Site Plan approval | Projected February 2018 |
| c. City Council, Town or Village Zoning Board of Appeals ☐Yes☑No | | |
| d. Other local agencies ☑Yes☐No | Batavia Hwy Dept - Dwy Permit | Projected February 2018 |
| e. County agencies ☑Yes☐No | Genesee Co DOH - water connection | Projected February 2018 |
| f. Regional agencies ☐Yes☑No | | |
| g. State agencies ☑Yes☐No | NYSDEC - General Permit, NYSDOT - Hwy Permit | Projected February 2018 |
| h. Federal agencies ☐Yes☑No | | |

i. Coastal Resources.
*i.* Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No
If Yes,
*ii.* Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes☑No
*iii.* Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

**C. Planning and Zoning**

**C.1. Planning and zoning actions.**

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

**C.2. Adopted land use plans.**

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes☑No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☑Yes☐No
If Yes, identify the plan(s):
Genesee County Smart Growth Plan

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☑Yes☐No
If Yes, identify the plan(s):
Genesee County Agricultural Farmland Protection Plan

**C.3. Zoning**

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
Public Service

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
*i.* What is the proposed new zoning for the site? _____

**C.4. Existing community services.**

a. In what school district is the project site located? Batavia City School District

b. What police or other public protection forces serve the project site?
Batavia City Police, Genesee County Sheriff, NYS Police

c. Which fire protection and emergency medical services serve the project site?
Town of Batavia FD/EMS, Batavia FD/EMS

d. What parks serve the project site?
DeWitt Recreation Area, Centennial Park, Dwyer Stadium, Austin Park (City of Batavia)

**D. Project Details**

**D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Residential and open space

b. a. Total acreage of the site of the proposed action? 12.6+/- acres
b. Total acreage to be physically disturbed? 3.4+/- acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 12.6+/- acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
*i.* If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
*i.* Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
*ii.* Is a cluster/conservation layout proposed? ☐ Yes ☐ No
*iii.* Number of lots proposed? _____
*iv.* Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will proposed action be constructed in multiple phases? ☐ Yes ☑ No
*i.* If No, anticipated period of construction: 18 months
*ii.* If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐Yes ☑No

If Yes, show numbers of units proposed.

| | One Family | Two Family | Three Family | Multiple Family (four or more) |
|---|---|---|---|---|
| Initial Phase | | | | |
| At completion of all phases | | | | |

g. Does the proposed action include new non-residential construction (including expansions)? ☑Yes ☐No

If Yes,

*i.* Total number of structures 1

*ii.* Dimensions (in feet) of largest proposed structure: 20+/- height; 120 width; and 100 length

*iii.* Approximate extent of building space to be heated or cooled: 10,500+/- square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☑Yes ☐No

If Yes,

*i.* Purpose of the impoundment: Stormwater management

*ii.* If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☑Other specify: Roof and pavement stormwater drainage

*iii.* If other than water, identify the type of impounded/contained liquids and their source. Not applicable

*iv.* Approximate size of the proposed impoundment. Volume: .43 million gallons; surface area: 0.36 acres

*v.* Dimensions of the proposed dam or impounding structure: 6 height; 150 length

*vi.* Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): Earthen stormwater management pond

**D.2. Project Operations**

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☐Yes ☑No

If Yes:

*i.* What is the purpose of the excavation or dredging?

*ii.* How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards):
- Over what duration of time?

*iii.* Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

*iv.* Will there be onsite dewatering or processing of excavated materials? ☐Yes ☐No

If yes, describe.

*v.* What is the total area to be dredged or excavated? acres

*vi.* What is the maximum area to be worked at any one time? acres

*vii.* What would be the maximum depth of excavation or dredging? feet

*viii.* Will the excavation require blasting? ☐Yes ☐No

*ix.* Summarize site reclamation goals and plan:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No

If Yes:

*i.* Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description):

*ii.* Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

*iii.* Will proposed action cause or result in disturbance to bottom sediments? ☐Yes☐No
If Yes, describe:

*iv.* Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes☐No
If Yes:

- acres of aquatic vegetation proposed to be removed:
- expected acreage of aquatic vegetation remaining after project completion:
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
- proposed method of plant removal:
- if chemical/herbicide treatment will be used, specify product(s):

*v.* Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? ☑Yes☐No
If Yes:

*i.* Total anticipated water usage/demand per day: 135 gallons/day

*ii.* Will the proposed action obtain water from an existing public water supply? ☑Yes☐No
If Yes:

- Name of district or service area:
- Does the existing public water supply have capacity to serve the proposal? ☑Yes☐No
- Is the project site in the existing district? ☑Yes☐No
- Is expansion of the district needed? ☐Yes☑No
- Do existing lines serve the project site? ☑Yes☐No

*iii.* Will line extension within an existing district be necessary to supply the project? ☐Yes☑No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project:
- Source(s) of supply for the district:

*iv.* Is a new water supply district or service area proposed to be formed to serve the project site? ☐Yes☑No
If, Yes:

- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- Proposed source(s) of supply for new district:

*v.* If a public water supply will not be used, describe plans to provide water supply for the project:

*vi.* If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☑Yes☐No
If Yes:

*i.* Total anticipated liquid waste generation per day: TBD gallons/day

*ii.* Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):
Sanitary wastewater from bathroom facilities, kitchen and truck bay. A grit chamber and oil/ water separator will be required.

*iii.* Will the proposed action use any existing public wastewater treatment facilities? ☑Yes☐No
If Yes:

- Name of wastewater treatment plant to be used: City of Batavia
- Name of district: City of Batavia
- Does the existing wastewater treatment plant have capacity to serve the project? ☑Yes☐No
- Is the project site in the existing district? ☑Yes☐No
- Is expansion of the district needed? ☐Yes☑No

- Do existing sewer lines serve the project? ☑Yes ☐No
- Will line extension within an existing district be necessary to serve the project? ☐Yes ☑No

  If Yes:
  - Describe extensions or capacity expansions proposed to serve this project: _____

*iv.* Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☑No

If Yes:
- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

*v.* If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

*vi.* Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☑Yes ☐No

If Yes:

*i.* How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or 1.49 acres (impervious surface)

_____ Square feet or 12.6 acres (parcel size)

*ii.* Describe types of new point sources. Roof drains

*iii.* Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

On-site stormwater management pond

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes ☑No

*iv.* Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐Yes ☑No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes ☐No

If Yes, identify:

*i.* Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Fire trucks and other vehicles/appurtenances

*ii.* Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

Generators and air compressors (as needed)

*iii.* Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

Stand-by emergency generator (potential)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

*i.* Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

*ii.* In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide ($CO_2$)
- _____Tons/year (short tons) of Nitrous Oxide ($N_2O$)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride ($SF_6$)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

*i.* Estimate methane generation in tons/year (metric): _____

*ii.* Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

*i.* When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

*ii.* For commercial activities only, projected number of semi-trailer truck trips/day: _____

*iii.* Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

*iv.* Does the proposed action include any shared use parking? ☐Yes ☐No

*v.* If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

*vi.* Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

*vii* Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

*viii.* Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☑Yes ☐No

If Yes:

*i.* Estimate annual electricity demand during operation of the proposed action: TBD

*ii.* Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): National Grid

*iii.* Will the proposed action require a new, or an upgrade to, an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

*i.* During Construction:

- Monday - Friday: daylight hours
- Saturday: _____
- Sunday: _____
- Holidays: _____

*ii.* During Operations:

- Monday - Friday: 24 hours
- Saturday: 24 hours
- Sunday: 24 hours
- Holidays: 24 hours

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

*i.* Provide details including sources, time of day and duration:

Temporary, short-term increase in noise due to construction, only during weekday daylight hours for construction. Noise from emergency vehicles sirens will be likely at random times due to nature of proposed use (fire station).

*ii.* Will proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: _____

n.. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

*i.* Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Building and pole-mounted lighting for safety & security of parking area and building.

*ii.* Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☑ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

Temporary, short-term increase during construction due to heavy equipment exhaust.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

*i.* Product(s) to be stored _____

*ii.* Volume(s) _____ per unit time _____ (e.g., month, year)

*iii.* Generally describe proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

*i.* Describe proposed treatment(s):

*ii.* Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑ No

If Yes:

*i.* Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

*ii.* Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

*iii.* Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

*i.* Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

*ii.* Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

*iii.* If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

*i.* Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

*ii.* Generally describe processes or activities involving hazardous wastes or constituents: _____

*iii.* Specify amount to be handled or generated _____ tons/month

*iv.* Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

*v.* Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

## E. Site and Setting of Proposed Action

### E.1. Land uses on and surrounding the project site

a. Existing land uses.

*i.* Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☐ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☑ Agriculture ☐ Aquatic ☐ Other (specify): _____

*ii.* If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

| Land use or Covertype | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|---|---|---|---|
| • Roads, buildings, and other paved or impervious surfaces | 0.6+/- | 1.5+/- | +0.8 |
| • Forested | | | |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | | | |
| • Agricultural (includes active orchards, field, greenhouse etc.) | | | |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | | | |
| • Wetlands (freshwater or tidal) | | | |
| • Non-vegetated (bare rock, earth or fill) | | | |
| • Other Describe: Lawn, brushland, fallow land | 12.0 +/- | 11.1 +/- | -0.9 +/- |

c. Is the project site presently used by members of the community for public recreation? ☐Yes ☑No

*i.* If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐Yes ☑No

If Yes,

*i.* Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐Yes ☑No

If Yes:

*i.* Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

*ii.* Dam's existing hazard classification: _____

*iii.* Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐Yes ☑No

If Yes:

*i.* Has the facility been formally closed? ☐Yes ☐ No

- If yes, cite sources/documentation: _____

*ii.* Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

*iii.* Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐Yes ☑No

If Yes:

*i.* Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐Yes ☑ No

If Yes:

*i.* Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐Yes ☐No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

*ii.* If site has been subject of RCRA corrective activities, describe control measures: _____

_____

_____

*iii.* Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐Yes ☐No

If yes, provide DEC ID number(s): _____

*iv.* If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

_____

*v.* Is the project site subject to an institutional control limiting property uses? ☐Yes ☐No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐Yes ☐No
- Explain: _____

**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? 10+ feet

b. Are there bedrock outcroppings on the project site? ☐Yes ☑No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site:

| | |
|---|---|
| Hilton loam | 40 % |
| Appleton silt loam | 30 % |
| Ontario silt loam | 21 % |

d. What is the average depth to the water table on the project site? Average: +2 feet

e. Drainage status of project site soils:

| | |
|---|---|
| ☑ Well Drained: | 25 % of site |
| ☑ Moderately Well Drained: | 40 % of site |
| ☑ Poorly Drained | 35 % of site |

f. Approximate proportion of proposed action site with slopes:

| | |
|---|---|
| ☑ 0-10%: | 96 % of site |
| ☑ 10-15%: | 4 % of site |
| ☐ 15% or greater: | % of site |

g. Are there any unique geologic features on the project site? ☐Yes ☑No
If Yes, describe: _____

h. Surface water features.

*i.* Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐Yes ☑No

*ii.* Do any wetlands or other waterbodies adjoin the project site? ☐Yes ☑No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

*iii.* Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☐Yes ☐No

*iv.* For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

*v.* Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐Yes ☐No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐Yes ☑No

j. Is the project site in the 100 year Floodplain? ☐Yes ☑No

k. Is the project site in the 500 year Floodplain? ☐Yes ☑No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐Yes ☑No
If Yes:

*i.* Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site:
Whitetail deer | Raccoons, skunk, other small mammals | Common songbirds

n. Does the project site contain a designated significant natural community? ☐Yes ☑No
If Yes:
*i.* Describe the habitat/community (composition, function, and basis for designation): _____
*ii.* Source(s) of description or evaluation: _____
*iii.* Extent of community/habitat:
- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐Yes ☑No

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐Yes ☑No

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐Yes ☑No
If yes, give a brief description of how the proposed action may affect that use: _____

**E.3. Designated Public Resources On or Near Project Site**

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No
If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☑Yes ☐No
*i.* If Yes: acreage(s) on project site? 6.0 +/-
*ii.* Source(s) of soil rating(s): USDA NRCS

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No
If Yes:
*i.* Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature
*ii.* Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐Yes ☑No
If Yes:
*i.* CEA name: _____
*ii.* Basis for designation: _____
*iii.* Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places? ☐ Yes ☑ No

If Yes:

*i.* Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District

*ii.* Name: _____

*iii.* Brief description of attributes on which listing is based:

_____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☐ Yes ☑ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

*i.* Describe possible resource(s): _____

*ii.* Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☐ Yes ☑ No

If Yes:

*i.* Identify resource: _____

*ii.* Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____

*iii.* Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

*i.* Identify the name of the river and its designation: _____

*ii.* Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

**F. Additional Information**

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

**G. Verification**

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Town of Batavia Fire Dept. Date 1-23-18

Signature _____ Title President

PRINT FORM

CONSTRUCTION DRAWINGS FOR:

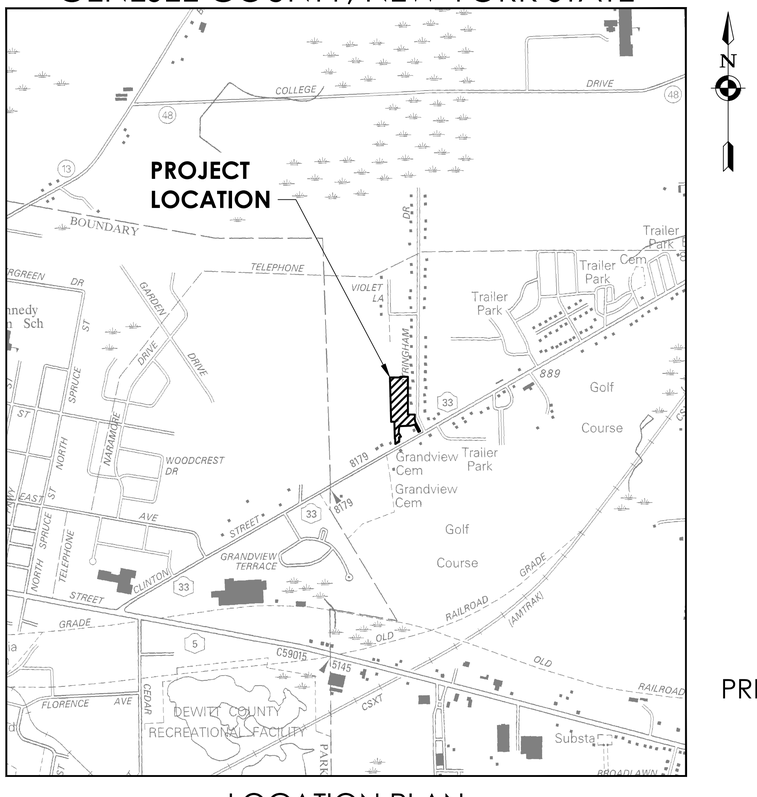
# )F BATAVIA FIRE DEPARTMENT INC.

# FIRE STATION #2

## SITE PLAN SUBMISSION

## JANUARY 2018

TOWN OF BATAVIA
GENESEE COUNTY, NEW YORK STATE




LOCATION PLAN
SCALE: 1"=1000'

| DRAWING INDEX | |
|---|---|
| DWG. NO. | SHEET TITLE |
| C-000 | GENERAL NOTES, LEGEND AND SHEET LAYOUT |
| C-001 | BOUNDARY SURVEY |
| C-100 | EXISTING CONDITIONS AND DEMOLITION PLAN |
| C-200 | PROPOSED SITE PLAN |
| C-201 | PROPOSED UTILITY PLAN |
| C-202 | PROPOSED UTILITY PLAN |
| C-203 | PROPOSED GRADING PLAN |
| C-204 | PROPOSED GRADING PLAN |
| L-100 | LANDSCAPING PLAN |
| L-200 | LANDSCAPING PLAN DETAILS |
| E-010 | ELECTRICAL SITE PLAN |
| C-300 | MISCELLANEOUS DETAILS |
| C-301 | MISCELLANEOUS DETAILS |
| C-302 | MISCELLANEOUS DETAILS |
| C-303 | MISCELLANEOUS DETAILS |
| C-304 | MISCELLANEOUS DETAILS |
| C-305 | MAINTENANCE AND PROTECTION OF TRAFFIC |

PREPARED BY: _____ DATE _____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ROCHESTER, NEW YORK 14604
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FAX (585) 232-5836
www.clarkpatterson.com

Clark Patterson Lee
ARCHITECTURE | ENGINEERING | PLANNING


APPROVAL SIGNATURE: _____

TOWN OF BATAVIA - TOWN ENGINEER _____ DATE


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FOR THE
TOWN OF BATAVIA
FIRE DEPARTMENT INC.
STATION #2

8534 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

| | DATE | DESCRIPTION |
|---|---|---|
| 7 | | |
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| 1 | | |
| A | | |

SCALE:
DWG. BY:
DWG DATE:
STATUS:

PLOT TIME: $PLTTIME

## CONSTRUCTION REQUIREMENTS:

NSTRUCTION EQUIPMENT AND MATERIALS SHALL BE CONFINED TO
CONSTRUCTION AREA AND/OR UPLAND (NON-WETLAND) AREA
F FROM THE WETLAND BOUNDARY.

CESS, WASTE, SPOIL, OR DEBRIS MATERIAL FROM THE PROJECT
/ED TO A PERMISSIBLE, LEGAL UPLAND LOCATION AND NOT
TION OF THE PROTECTED WETLAND, 100 FOOT ADJACENT
?ICTED AS 100 YEAR FLOOD HAZARD AREAS. THESE MATERIALS
?F IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL
ONS, AND ORDINANCES.

TON, NO WET OR FRESH CONCRETE OR LEACHATE SHALL CONTACT
WETLANDS OR WATERS OF NEW YORK STATE NOR SHALL WASHINGS
CONCRETE TRUCKS, MIXERS OR OTHER DEVICES ENTER ANY
RS. ONLY WATERTIGHT OR WATER PROOF FORMS SHALL BE USED.
LL NOT BE POURED TO DISPLACE WATER IN FORMS.

HARGES FROM LAND CLEARING, GRADING OR EXCAVATION ACTIVITIES,
ERATIONS SHALL NOT ENTER THE STREAM, NAVIGABLE WATER OR
T DISCHARGE SHALL BE:
AN APPROPRIATELY MAINTAINED UPLAND SETTLING BASIN.
OUGH CRUSHED STONE, SAND, HAY BALES, SILT SCREENING
OPENING SIZE TO U.S. SIEVE NUMBER 20), ETC.

GRASSY UPLAND AREA THAT IS A SUFFICIENT DISTANCE FROM THE
REVENT CHANGE OF TURBIDITY OF THE RECEIVING WETLAND.

CAVATED MATERIAL MUST BE EFFECTIVELY STABILIZED SO THAT IT
NY WATER BODY, STREAM OR WETLAND AREA.

N EXCAVATED DURING CONSTRUCTION AND NOT USED, SHALL BE
INTO THE DISTURBED AREA AND NOT REMOVED FROM THE SITE.
RADED TO CONFORM TO THE TERRAIN AND ADJACENT LAND.
) SHALL BE SEEDED AND MULCHED WITHIN 5 DAYS WITH ANNUAL
NG FAILS TO PROVIDE ADEQUATE COVER BY THE PERMIT
IE AREA MUST BE RE-SEEDED TO THE AGENCY OF JURISDICTION'S

TING IS IMPRACTICAL DUE TO THE TIME OF YEAR, A TEMPORARY
PLIED WITHIN 5 DAYS OF FINAL GRADE COMPLETION. FINAL
ERFORMED AT THE EARLIEST OPPORTUNITY WHEN WEATHER
GERMINATION AND GROWTH, BUT NO LATER THAN THE PERMIT

AL VEGETATION SHALL BE LIMITED TO THE MATERIAL WHICH POSES
TANCE TO CONSTRUCTION.

BE INSTALLED THROUGH THE WETLAND PROPER, ALONG THE ROAD
W GRADE OF THE WETLAND SURFACE, THEN CLAY TRENCH PLUGS
THE WETLAND BOUNDARIES, TO AVOID INADVERTENT DRAINAGE OF

## SITE NOTES

1. EXISTING ZONING: RESIDENTIAL
   PROPOSED ZONING: RESIDENTIAL
2. PARCEL INFORMATION: TOTAL AREA (13.058)

   PARCEL 1: #09.00-1-84.11 (6.7 ACRES)
   PARCEL 2: #09.00-1-85.1 (-- ACRES)
   PARCEL 3: #09.00-1-94 (-- ACRES)
   PARCEL 4: #09.00-1-173 (-- ACRES)
   PARCEL 5: #09.00-1-174 (-- ACRES)
   PARCEL 6: #09.00-1-194.1 (4.2 ACRES)

3. EXISTING USE: VACANT
   PROPOSED USE: MUNICIPAL USE

   EXISTING BUILDING AREA: ± 1970 S.F.
   PROPOSED BUILDING AREA: ± 10,500 S.F.

   BUILDING HEIGHT: 27'

4. APPLICABLE DEVELOPMENT STANDARDS PROPOSED ARE AS FOLLOWS

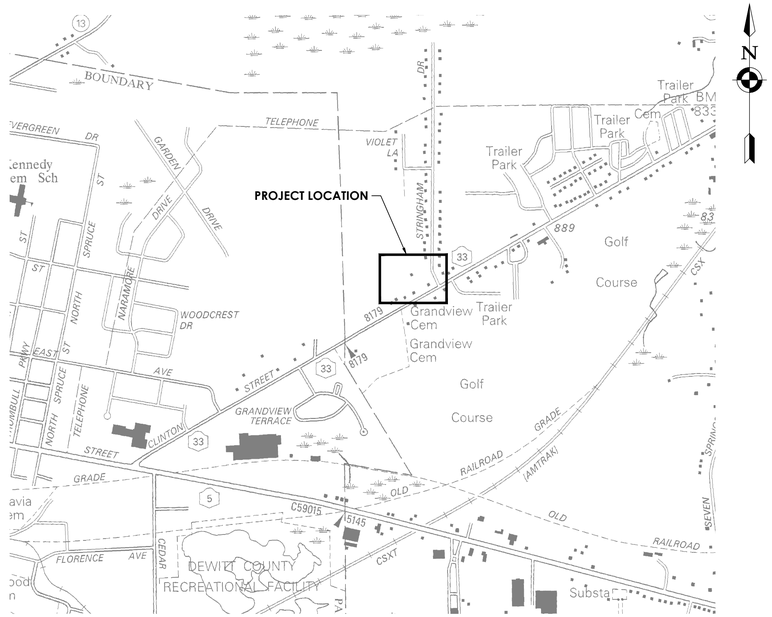
| | REQUIRED | PROPOSED |
|---|---|---|
| SIDE | 30 FT | 30 FT |
| REAR | 40 FT | 40 FT |
| FRONT | 50 FT | 50 FT |

5. MAXIMUM LOT COVERAGE
   EXISTING: 5%
   REQUIRED: 35%
   PROPOSED: 9%

6. MIN GREEN SPACE
   EXISTING: 95%
   REQUIRED: 20%
   PROPOSED: 91%

7. PARKING PROVIDED:

   EXISTING: 0 SPACES
   REQUIRED: 30 SPACES
   PROPOSED: 30 SPACES




## SHEET LAYOUT

SCALE: 1" = 1,000'

## LEGEND

RIGHT OF WAY LINE
EXISTING GAS MAIN
EXISTING UNDERGROUND ELECTRIC LINE
EXISTING UNDERGROUND TELEPHONE LINE, TELEPHONE BOX
EXISTING WATER MAIN, HYDRANT, WATER VALVE
EXISTING STORM SEWER, MANHOLE, CATCH BASIN
EXISTING SANITARY SEWER MAIN, MANHOLE
EXISTING CULVERT
NEW STORM SEWER, MANHOLE, CATCH BASIN
TREE OR BUSH TO BE REMOVED
DIRECTION OF FLOW
SILT FENCE

RIP RAP
DITCH LINE
FENCE LINE
POWER POLE
LIGHT POLE
SIGN
IRON PIN
REBAR
TREES
WOODS
HEDGES
BUSHES
NEW MAJOR CONTOUR
NEW MINOR CONTOUR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FOR THE
TOWN OF BATAVIA FIRE DEPARTMENT INC. STATION #2

8534 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

| | DATE | DESCRIPTION |
|---|---|---|
| 7 | | |
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# GENERAL NOTES, LEGEND AND SHEET LAYOUT

SCALE: NTS
DWG. BY: JRP
DWG DATE: 01/26/18
STATUS: PRELIMINARY

C-000

PLOT TIME: $PLTTIME

REFERENCES:

1. DEEDS TO THE TOWN OF BATAVIA L.907 D.376, DE 2017-368.
2. MAP BY GREGORY W. TOWNSEND HAVING JOB NO. 14-12 DATED JANUARY 31, 2014.
3. STRINGHAM LAND SEPARATION & MERGER FILED NOVEMBER 7, 2016 PLAT CAB. 3, SLIDE 63, MAP NO. 2436.
4. STRINGHAM SUBDIVISION FILED AT BOOK 9 OF MAPS, PAGE 450.
5. STRINGHAM SUBDIVISION PART II FILED AT MAP CAB. 1, SLIDE NO. 3.
6. OTHER MAPS & DEEDS REFERENCED HEREON.

UTILITY EASEMENT NOTES:

1. EASEMENT TO NEW YORK STATE L.261 D.507 LIES WITHIN THE 66' WIDE RIGHT-OF-WAY OF CLINTON STREET.
2. SUBJECT TO BLANKET POLE AND WIRE EASEMENT TO NIAGARA MOHAWK POWER CORPORATION L.356 D.40 ALONG THE LINES OF THE ROADS AND/OR LOTS OF THE STRINGHAM SUBDIVISIONS.
3. SUBJECT TO BLANKET UTILITY EASEMENT TO NEW YORK TELEPHONE COMPANY AND NIAGARA MOHAWK POWER CORPORATION L.371 D.351.

NOTES:

1. UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209 PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
2. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACT THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

STATE OF NEW YORK — KEVIN M. O'DONOGHUE — LICENSE No. 049514 — LICENSED LAND SURVEYOR

I HEREBY CERTIFY THAT THIS MAP WAS MADE JANUARY 17, 2018 FROM NOTES OF A SURVEY COMPLETED DECEMBER 29, 2017.

KEVIN M. O'DONOGHUE, L.S. No. 49514

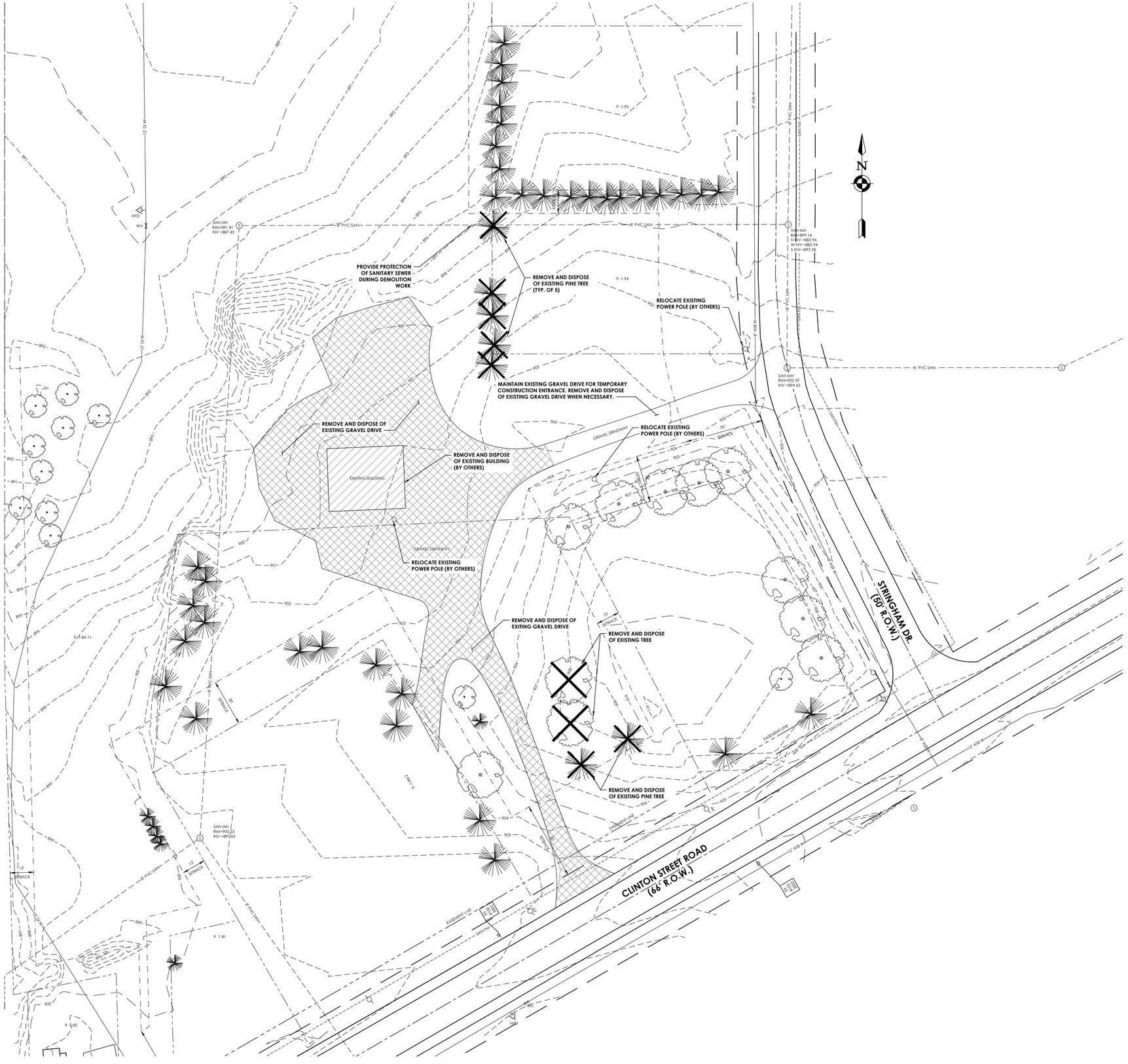
| | |
|---|---|
| DATE: | JANUARY 17, 2018 |
| JOB No. | G17-4451S |
| DRAWN BY: | GMS |
| CHECKED BY: | KOD |
| SCALE: | 1" = 60' |

# BOUNDARY SURVEY OF LAND BELONGING TO TOWN OF BATAVIA FIRE DEPT., INC.

BEING PART OF LOT 7, SECTION 9 AND PART OF LOT 8, SECTION 8, TOWNSHIP 12, RANGE 1 OF THE HOLLAND PURCHASE. SITUATE IN TOWN OF BATAVIA, GENESEE COUNTY, STATE OF NEW YORK

WELCH & O'DONOGHUE
– LAND SURVEYORS, P.C.
2023 RT. 39, P.O. BOX 297
AVON, NEW YORK 14414
PH: 585-226-2990 FAX: 226-2991
OR
8713 RT. 237, P.O. BOX 669
STAFFORD, NEW YORK 14143
PH: 585-343-5334 FAX: 343-5810
EMAIL – WOSURVEY@ROCHESTER.RR.COM

| REVISIONS | | | |
|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION |





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FOR THE

# TOWN OF BATAVIA FIRE DEPARTMENT INC. STATION #2

8534 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

| | DATE | DESCRIPTION |
|---|---|---|
| 1 | | |
| 2 | | |
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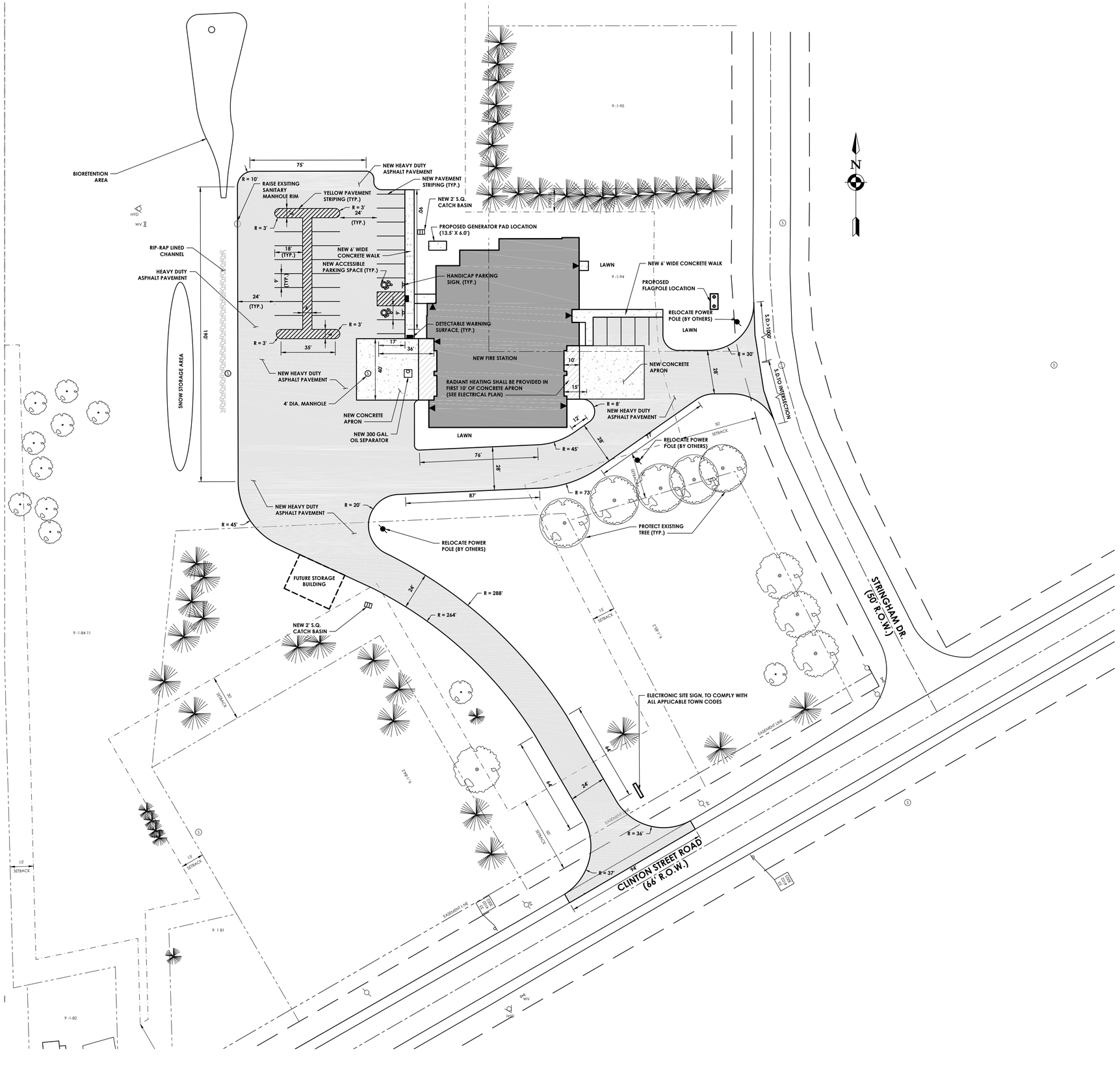
| 7 | | |
| 8 | | |

# EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: 1" = 30'
DWG. BY: ZLA
DWG DATE: 01/24/18
STATUS: PRELIMINARY

C100

PLOT TIME: 8PLTTIME

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FOR THE

# TOWN OF BATAVIA FIRE DEPARTMENT INC. STATION #2

8534 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

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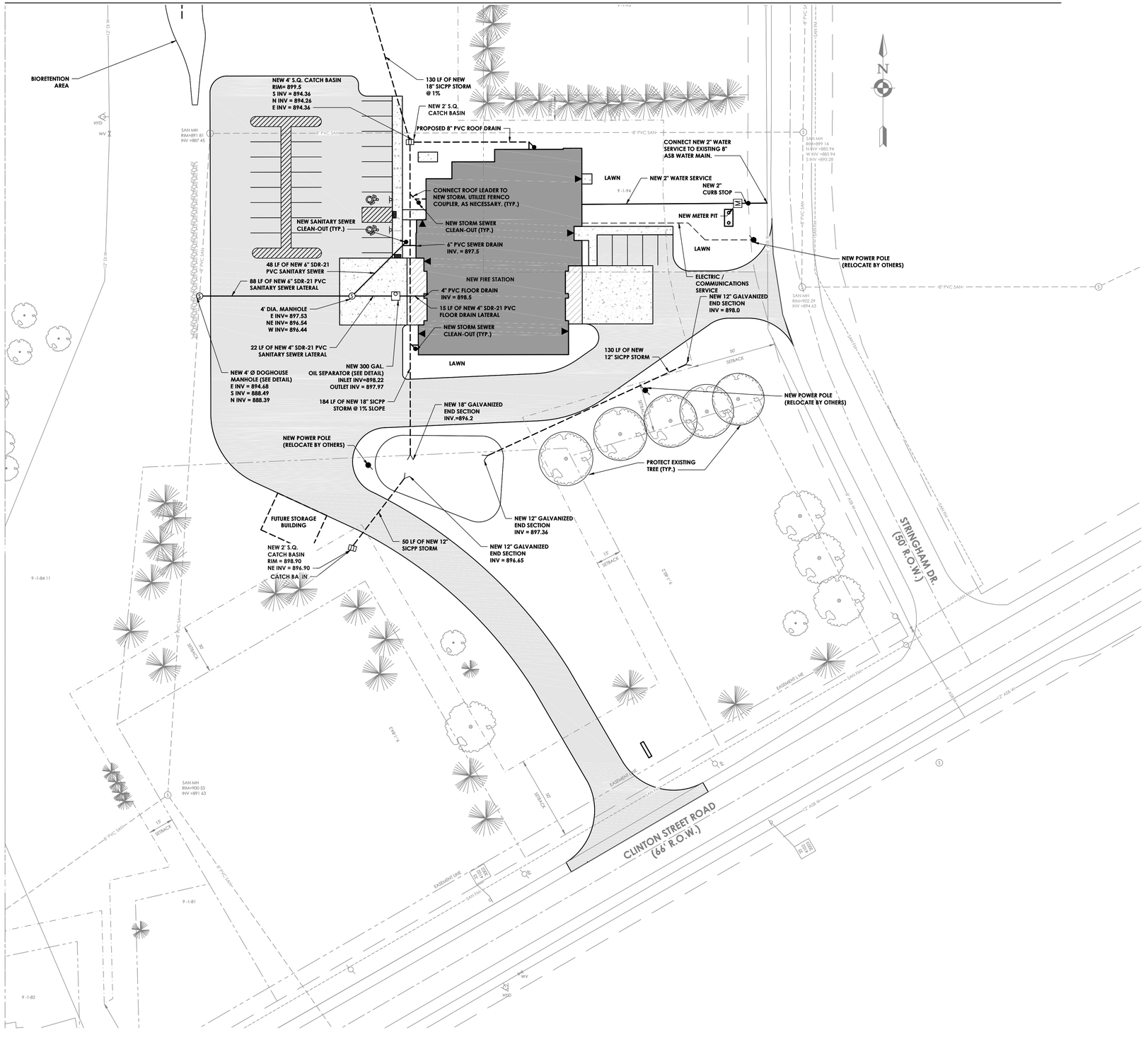
## PROPOSED SITE PLAN

SCALE: 1" = 30'
DWG. BY: ZLA
DWG DATE: 01/05/18
STATUS: PRELIMINARY

C-200

PLOT TIME: 8PLTTIME

MATCH TO DWG. NO. C-202





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FOR THE

# TOWN OF BATAVIA FIRE DEPARTMENT INC. STATION #2

8536 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

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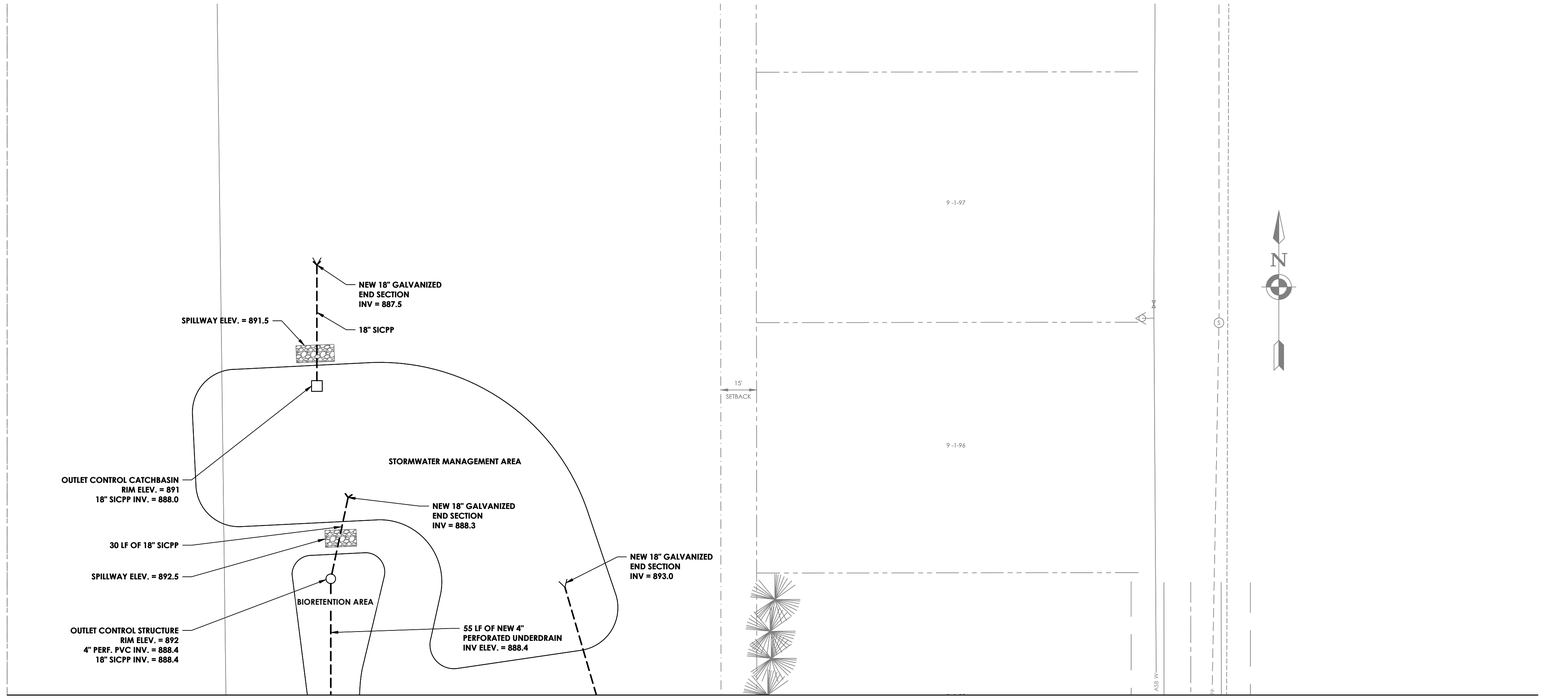
## PROPOSED UTILITY PLAN

SCALE: 1" = 30'
DWG. BY: ZLA
DWG DATE: 01/05/18
STATUS: PRELIMINARY

C-201

PLOT TIME: 9PLTTIME




MATCH TO DWG. NO. C-201

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FOR THE

TOWN OF BATAVIA
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STATION #2

853 & STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

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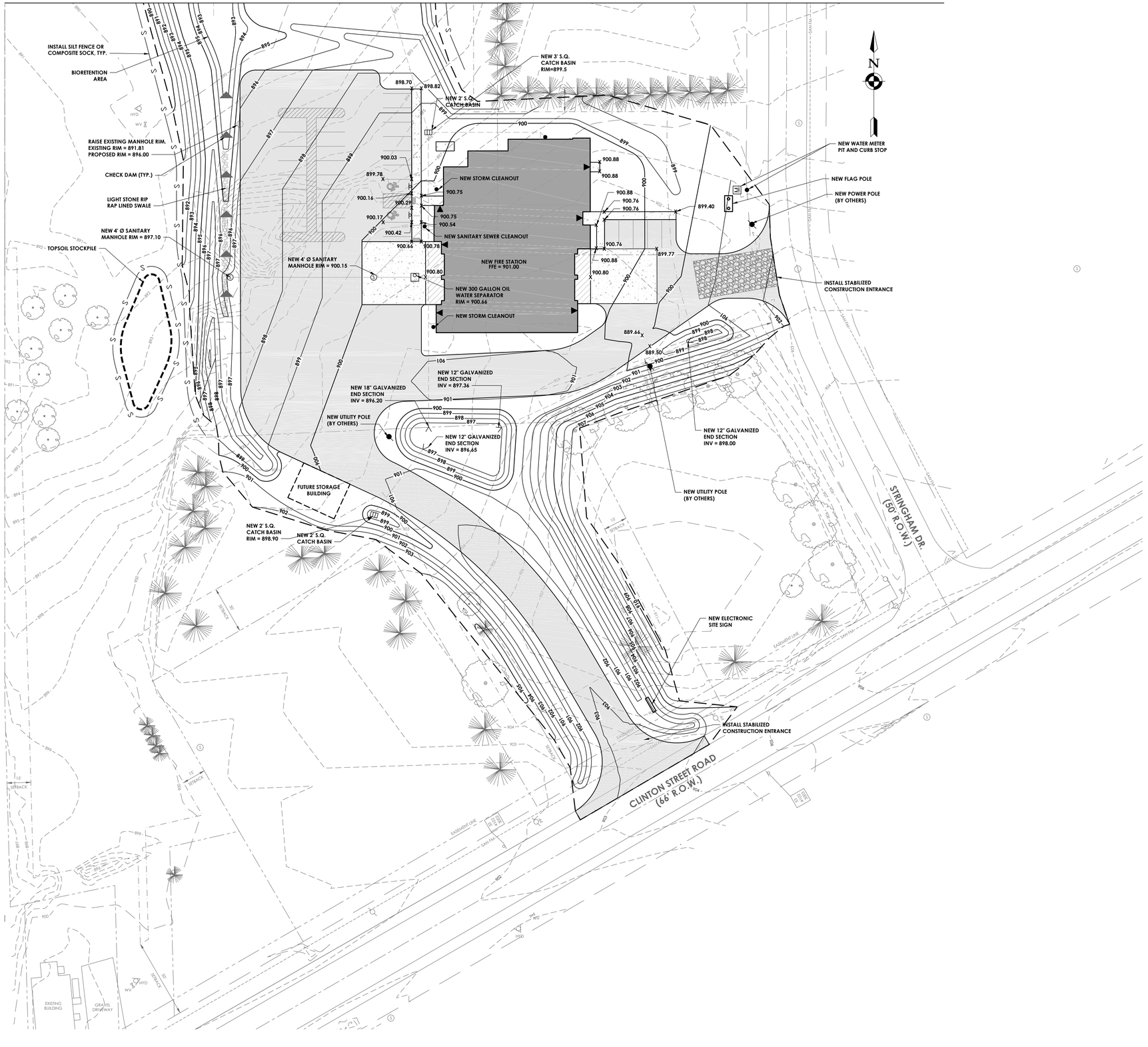
PROPOSED UTILITY PLAN

SCALE: 1" = 30'
DWG. BY: ZLA
DWG DATE: 01/05/18
STATUS: PRELIMINARY

C-202

PLOT TIME: 9PLTTIME

MATCH TO DWG. NO. C-203





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STATION #2

8534 STRINGHAM DRIVE
BATAVIA, NY 14020

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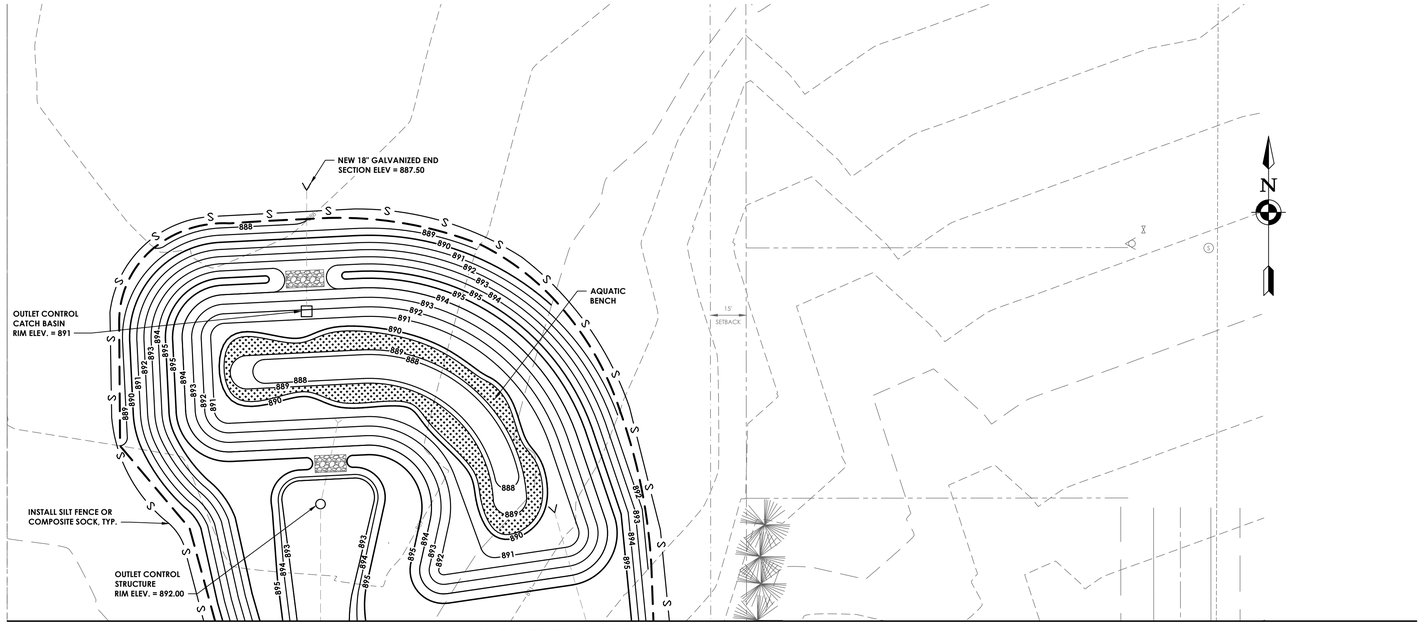
PROPOSED GRADING PLAN

SCALE: 1" = 30'
DWG. BY: JP
DWG DATE: 01/24/18
STATUS: PRELIMINARY

C-203

PLOT TIME: 8PLTTIME




MATCH TO DWG. NO. C-203

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STATION #2

8536 STRINGHAM DRIVE
BATAVIA, NY 14020

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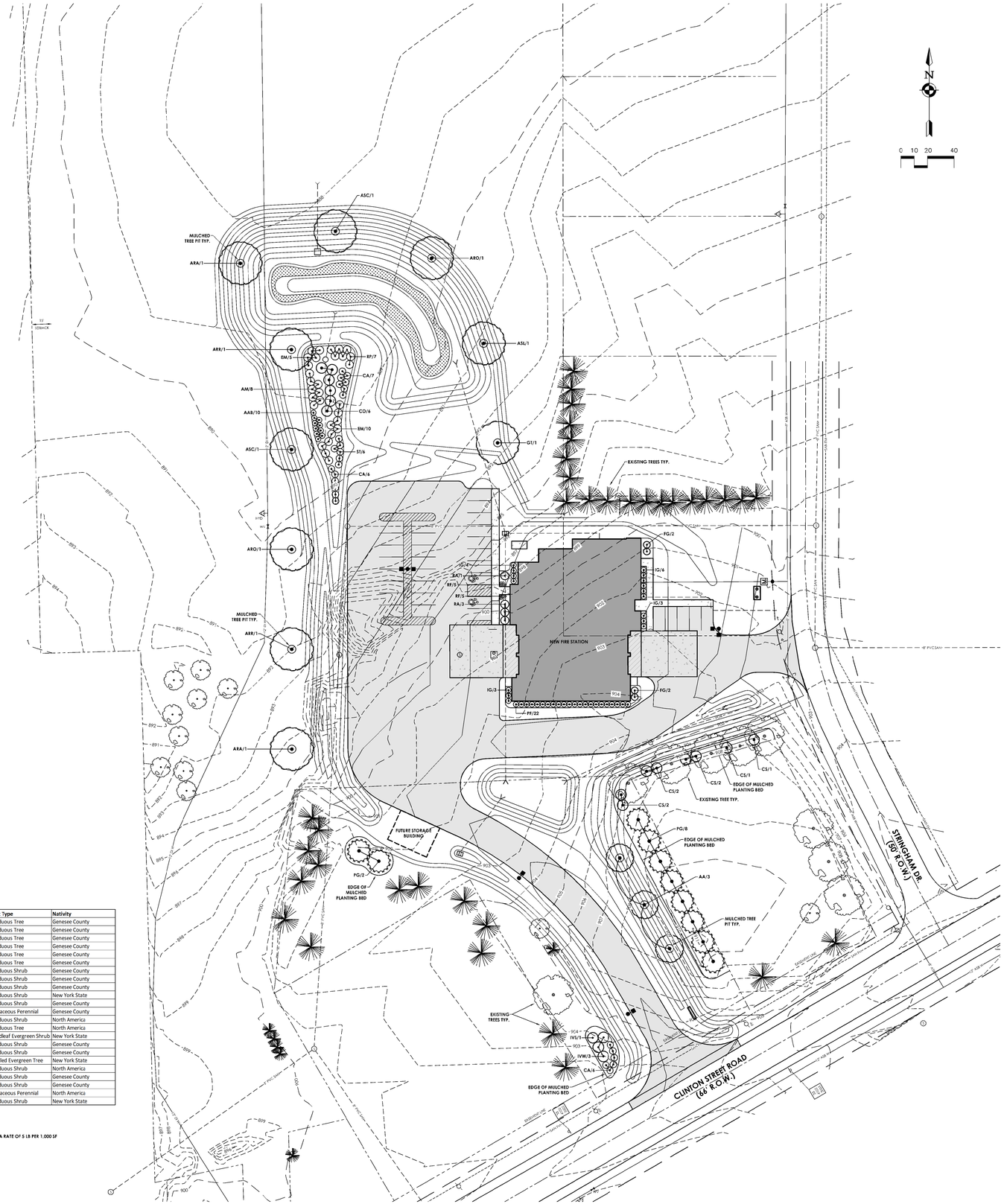
PROPOSED GRADING PLAN

SCALE: 1" = 30'
DWG. BY: JP
DWG DATE: 01/24/18
STATUS: PRELIMINARY

C-204

PLOT TIME: 9PLTTIME




## PLANT MATERIALS SCHEDULE

| Key | No. | Botanic Name | Common Name | Root | Size | Hgt. | Wdt. | Plant Type | Nativity |
|---|---|---|---|---|---|---|---|---|---|
| ARA | 2 | Acer rubrum 'Autumn Blaze' | Autumn Blaze Red Maple | BB | 2.5" | 50' | 35' | Deciduous Tree | Genesee County |
| ARO | 2 | Acer rubrum 'October Glory' | October Glory Red Maple | BB | 2.5" | 50' | 35' | Deciduous Tree | Genesee County |
| ARR | 2 | Acer rubrum 'Red Sunset' | Red Sunset Red Maple | BB | 2.5" | 50' | 35' | Deciduous Tree | Genesee County |
| ASC | 2 | Acer saccharum 'Commemoration' | Commemoration Sugar Maple | BB | 2.5" | 50' | 35' | Deciduous Tree | Genesee County |
| ASL | 1 | Acer saccharum 'Legacy' | Legacy Sugar Maple | BB | 2.5" | 50' | 35' | Deciduous Tree | Genesee County |
| AAA | 3 | Amelanchier arborea 'Autumn Brilliance' | Autumn Brilliance Downy Serviceberry | BB | 2.5" | 25' | 25' | Deciduous Tree | Genesee County |
| AAB | 10 | Aronia arbutifolia 'Brillantissima' | Brillantissima Red Chokeberry | CG | No. 3 | 8' | 4' | Deciduous Shrub | Genesee County |
| AM | 8 | Aronia melnocarpa 'Autumn Magic' | Autumn Magic Black Chokeberry | CG | No. 3 | 6' | 6' | Deciduous Shrub | Genesee County |
| CO | 6 | Cephalanthus occidentalis | Buttonbush | CG | No. 3 | 12' | 8' | Deciduous Shrub | Genesee County |
| CA | 19 | Clethra alnfolia 'Hummingbird' | Hummingbird Summersweet Clethra | CG | No. 3 | 4' | 5' | Deciduous Shrub | New York State |
| CS | 8 | Cornus sericea 'Cardinal' | Cardinal Redosier Dogwood | CG | No. 3 | 9' | 10' | Deciduous Shrub | Genesee County |
| EM | 15 | Eupatorium maculatum 'Atropurpureum' | Atropurpureum Joe Pye Weed | CG | No. 2 | 10' | 6' | Herbaceous Perennial | Genesee County |
| FG | 4 | Fothergilla gardenii 'Mt. Airy' | Mt. Airy Dwarf Fothergilla | CG | No. 3 | 5' | 5' | Deciduous Shrub | North America |
| GT | 1 | Gleditsia triacanthos inermis 'Shademaster' | Shademaster Thornless Honeylocust | BB | 2.5" | 70' | 60' | Deciduous Tree | North America |
| IG | 16 | Ilex glabra 'Shamrock' | Shamrock Inkberry | CG | No. 5 | 4' | 4' | Broadleaf Evergreen Shrub | New York State |
| IVS | 1 | Ilex verticillata 'Southern Gentleman' | Common Winterberry (male) | CG | No. 7 | 8' | 8' | Deciduous Shrub | Genesee County |
| IVW | 3 | Ilex verticillata 'Winter Red' | Common Winterberry (female) | CG | No. 7 | 8' | 8' | Deciduous Shrub | Genesee County |
| PG | 10 | Picea glauca 'Densata' | Black Hills Spruce | BB | 7' | 40' | 15' | Needled Evergreen Tree | New York State |
| PF | 22 | Potentilla fruiticosa 'Goldfinger' | Goldfinger Bush Cinquefoil | CG | No. 3 | 3' | 4' | Deciduous Shrub | North America |
| RA | 4 | Rhus aromatica 'Gro-Low' | Gro-Low Fragrant Sumac | CG | No. 3 | 2' | 8' | Deciduous Shrub | Genesee County |
| RP | 7 | Rosa palustris | Swamp Rose | CG | No. 3 | 6' | 6' | Deciduous Shrub | Genesee County |
| RF | 10 | Rudbeckia fulgida 'Early Bird Gold' | Early Bird Gold Black Eyed Susan | CG | No. 1 | 2' | 2' | Herbaceous Perennial | North America |
| ST | 6 | Spiraea tornentosa | Steeplebush | CG | No. 3 | 4' | 5' | Deciduous Shrub | New York State |

## SEED MIX SCHEDULE

**ALL NEW AND RESTORED LAWN AREAS ARE TO RECEIVE 6" OF APPROVED TOPSOIL AND BE SEEDED WITH "TRIO SUPREME" BY PREFERRED SEED AT A RATE OF 5 LB PER 1,000 SF**

- **34.0% Lolium perenne (Perennial Ryegrass - blend of Aspire, Paragon GLR, and Exacta II)**
- **33.0% Festuca (Fescue - blend of Intrigue Chewings, Celestial CRF, and Nanook Hard)**
- **33.0% Poa pretensis (Kentucky Bluegrass - blend of Brooklawn, Bonaire, and SR 2100)**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FIRE DEPARTMENT INC.
STATION #2

8536 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

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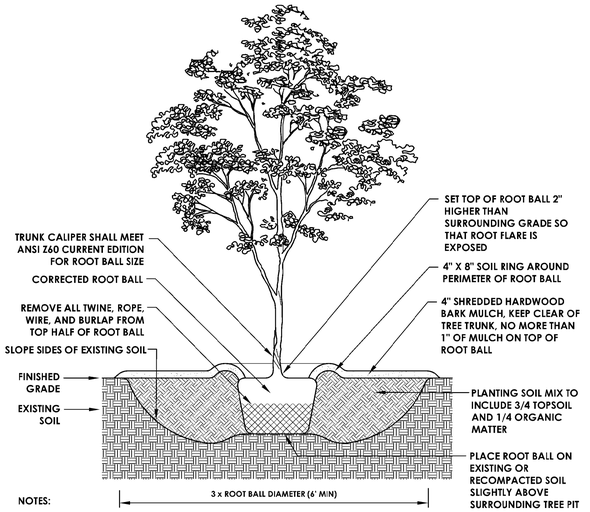
# PLANTING PLAN

SCALE: 1"=40'
DWG. BY: RHW
DWG DATE: 1/25/18
STATUS: PRELIMINARY

L-100

PLOT TIME: @PLTTIME




NOTES:

1. DO NOT HEAVILY PRUNE TREES AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.

2. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN PLANTING HOLE HAS BEEN BACKFILLED POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL.

3. STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

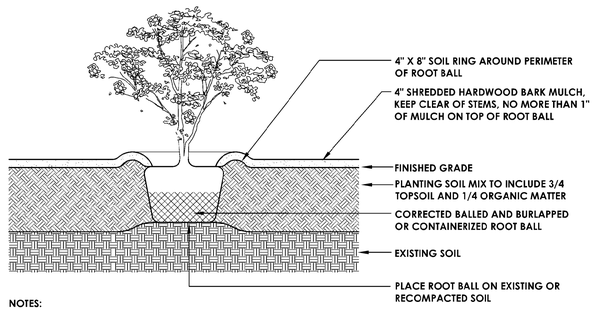
4. WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

5. MARK THE NORTH SIDE OF THE TREE AT THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHENEVER POSSIBLE.

6. ROOT BALLS SHALL BE CORRECTED PRIOR TO PLANTING PER THE ROOT BALL CORRECTION DETAILS.

## TREE PIT

N.T.S




NOTES:

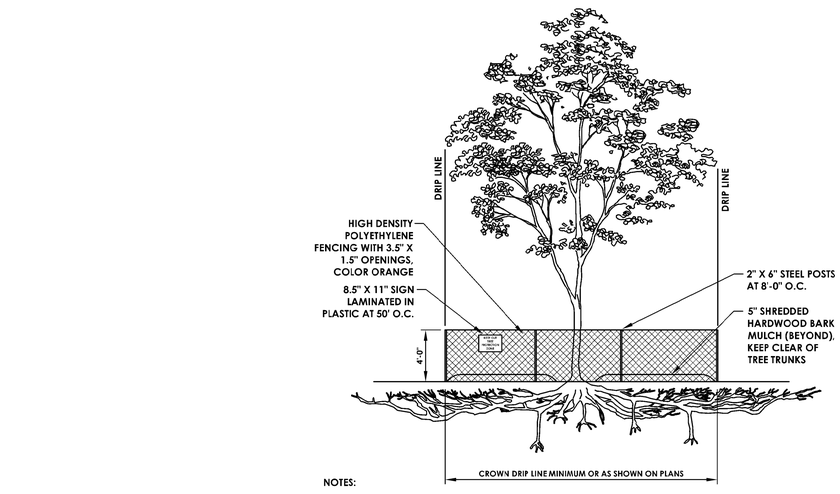
1. DO NOT HEAVILY PRUNE SHRUBS AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.

2. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 6" LIFTS TO BRACE SHRUB. DO NOT OVER COMPACT. WHEN PLANTING HOLE HAS BEEN BACKFILLED POUR WATER AROUND THE ROOT MASS TO SETTLE THE SOIL.

3. ROOT BALLS OF BOTH CONTAINERIZED AND BALLED AND BURLAPPED PLANTS SHALL BE CORRECTED PRIOR TO PLANTING PER THE ROOT BALL CORRECTION DETAILS.

## SHRUB

N.T.S




NOTES:

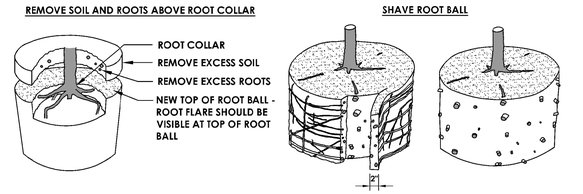
1. INDIVIDUAL TREES AND PLANT GROUPS TO RECEIVE THIS PROTECTIVE TREATMENT ARE INDICATED ON THE DEMOLITION PLAN. WHERE SPATIAL CONSTRAINTS PREVENT INSTALLATION OF THE FENCING AS SHOWN ON THE PLANS AND THIS DETAIL, CONSULT WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

2. NO CROWN OR ROOT PRUNING SHALL BE PERFORMED INSIDE OF THE PROTECTIVE FENCING EXCEPT BY AN APPROVED ARBORIST.

3. NO EQUIPMENT SHALL BE OPERATED INSIDE THE PROTECTIVE FENCING INCLUDING DURING THE TIMES OF FENCE INSTALLATION AND REMOVAL.

## TREE PROTECTION FENCING

N.T.S




NOTES:

1. ALL PLANTS ARE REJECTABLE UNLESS THEY UNDERGO RECOMMENDED CORRECTION.

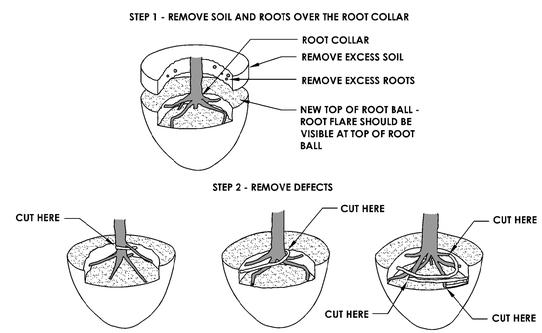
2. SMALL ROOTS (½" OR LESS) ON THE PERIPHERY OF THE ROOT BALL ARE COMMON WITH CONTAINER PLANT PRODUCTION. THESE SMALL ROOTS ARE NOT DEFINED AS DEFECTS BUT SHOULD BE ADDRESSED AT THE TIME OF INSTALLATION.

3. SHAVING TO BE DONE USING A SHARP BLADE OR HAND SAW ELIMINATING NO MORE THAN NEEDED TO REMOVE ALL ROOTS ON THE PERIPHERY OF THE ROOT BALL.

4. SHAVING CAN BE PERFORMED JUST PRIOR TO PLANTING OR AFTER PLACING THE ROOT BALL IN THE HOLE.

## ROOT CORRECTION FOR CONTAINER PLANTS

N.T.S




NOTES:

1. ALL TREES ARE REJECTABLE UNLESS THEY UNDERGO RECOMMENDED CORRECTION.

2. ADJUST HOLE DEPTH TO ACCOUNT FOR THE REMOVAL OF EXCESS SOIL AND ROOTS OVER THE COLLAR AND ACHIEVE APPROPRIATE ELEVATION OF ROOT FLARE.

## ROOT CORRECTION FOR BALLED AND BURLAPPED PLANTS

N.T.S

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# PLANTING DETAILS

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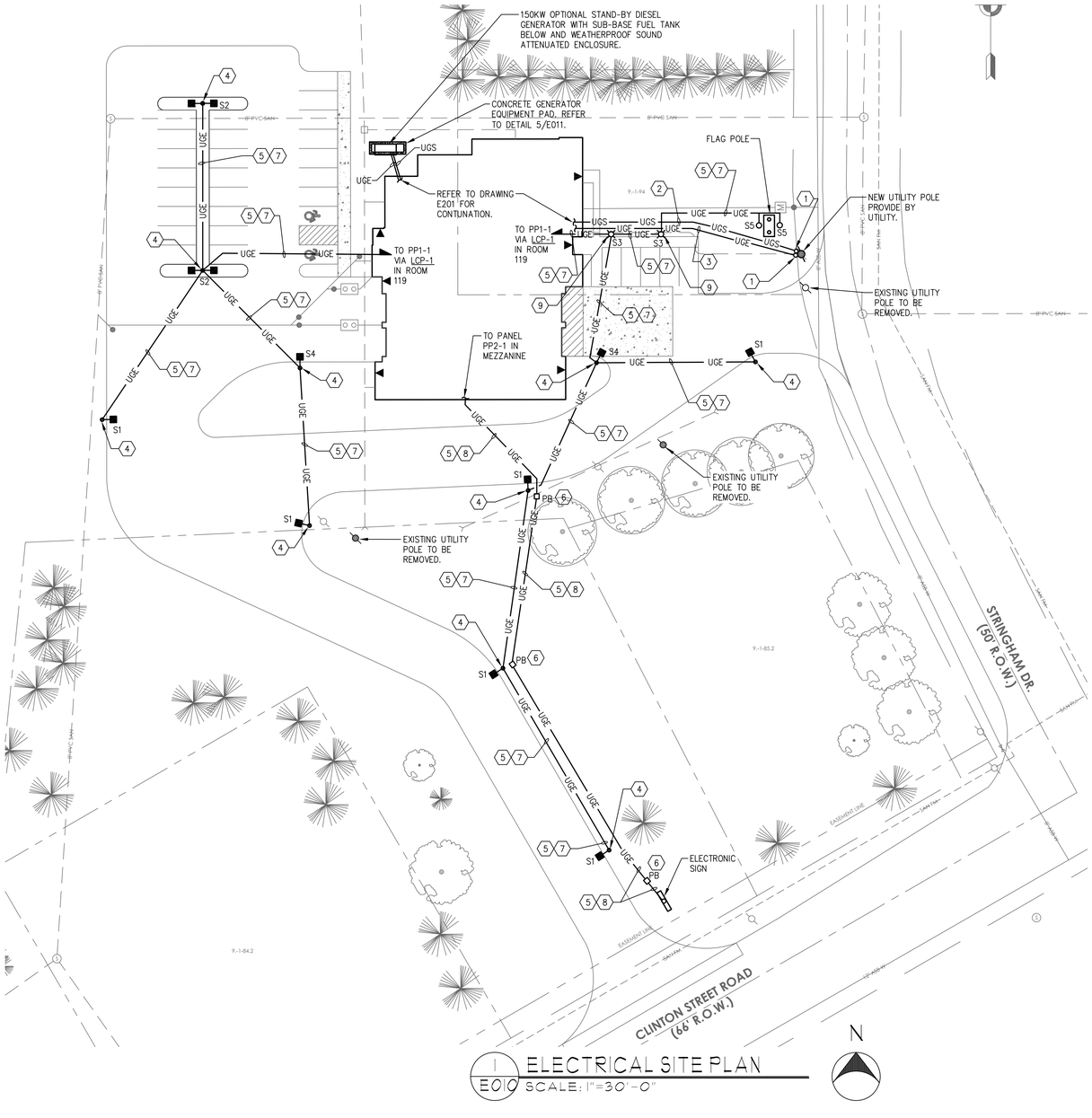
| SCALE: | AS NOTED |
| DWG. BY: | RHW |
| DWG DATE: | 1/25/18 |
| STATUS: | PRELIMINARY |

L-200

PLOT TIME: @PLTTIME

## SITE LIGHTING FIXTURE SCHEDULE

| TYPE | DESCRIPTION | LAMPS | VOLTAGE | MOUNTING | MOUNTING HEIGHT | MANUFACTURERS | POLE |
|---|---|---|---|---|---|---|---|
| S1 | LED AREA LUMINAIRE, SINGLE HEAD 33" LENGTH X 13" WIDE SLEEK DESIGN SINGLE DIE-CAST ALUMINUM BRONZE COLORED HOUSING WITH HEAT SINK FINS, TYPE III MEDIUM DISTRIBUTION, PRECISION MOLDED ACRYLIC LENSES, ZERO UPLIGHT (NIGHTTIME FRIENDLY), INTEGRAL BI-LEVEL MOTION/AMBIENT SENSOR 15-30; MOUNTING HEIGHT. | 183 WATTS, 40 LED COUNT, 15800 LUMENS 70 CRI 4000K COLOR TEMPERATURE | 208 | SITE POLE | 27'-6" AFG | LITHONIA "D-SERIES SIZE 1" OR EQUAL BY GARDCO OR EATON | PROVIDE WITH LITHONIA SSA 4" SQUARE STRAIGHT 25' POLE WITH MATCHING BOLT CANOPY AND HANDHOLE OPENING. |
| S2 | LED AREA LUMINAIRE, TWO HEADS 33" LENGTH X 13" WIDE SLEEK DESIGN SINGLE DIE-CAST ALUMINUM BRONZE COLORED HOUSING WITH HEAT SINK FINS, TYPE III MEDIUM DISTRIBUTION, PRECISION MOLDED ACRYLIC LENSES, ZERO UPLIGHT (NIGHTTIME FRIENDLY), INTEGRAL BI-LEVEL MOTION/AMBIENT SENSOR 15-30; MOUNTING HEIGHT. | (2) 183 WATTS, 40 LED COUNT, 15800 LUMENS 70 CRI 4000K COLOR TEMPERATURE EACH HEAD | 208 | SITE POLE | 27'-6" AFG | LITHONIA "D-SERIES SIZE 1" OR EQUAL BY GARDCO OR EATON | PROVIDE WITH LITHONIA SSA 4" SQUARE STRAIGHT 25' POLE WITH MATCHING BOLT CANOPY AND HANDHOLE OPENING. |
| S3 | LED AREA LUMINAIRE, SINGLE HEAD 11" LENGTH X 13" WIDE SLEEK DESIGN SINGLE DIE-CAST ALUMINUM BRONZE COLORED HOUSING WITH HEAT SINK FINS, TYPE III MEDIUM DISTRIBUTION, PRECISION MOLDED ACRYLIC LENSES, ZERO UPLIGHT (NIGHTTIME FRIENDLY), INTEGRAL BI-LEVEL MOTION/AMBIENT SENSOR 15-30; MOUNTING HEIGHT. | 27 WATTS, 10 LED COUNT, 2700 LUMENS, 70 CRI 4000K COLOR TEMPERATURE | 208 | SITE POLE | 12'-0" AFG | LITHONIA "D-SERIES SIZE 0" OR EQUAL BY GARDCO OR EATON | PROVIDE WITH LITHONIA SSA 4" SQUARE STRAIGHT 11' POLE WITH MATCHING BOLT CANOPY AND HANDHOLE OPENING. |
| S4 | LED AREA LUMINAIRE, SINGLE HEAD 33" LENGTH X 13" WIDE SLEEK DESIGN SINGLE DIE-CAST ALUMINUM BRONZE COLORED HOUSING WITH HEAT SINK FINS, TYPE 4 FORWARD THROW DISTRIBUTION, PRECISION MOLDED ACRYLIC LENSES, ZERO UPLIGHT (NIGHTTIME FRIENDLY), INTEGRAL BI-LEVEL MOTION/AMBIENT SENSOR 15-30; MOUNTING HEIGHT. | 183 WATTS, 40 LED COUNT, 15800 LUMENS 70 CRI 4000K COLOR TEMPERATURE | 208 | SITE POLE | 27'-6" AFG | LITHONIA "D-SERIES SIZE 1" OR EQUAL BY GARDCO OR EATON | PROVIDE WITH LITHONIA SSA 4" SQUARE STRAIGHT 25' POLE WITH MATCHING BOLT CANOPY AND HANDHOLE OPENING. |
| S5 | FLAG POLE SURFACE MOUNTED GRADE FLOOD LIGHT, NARROW TO MEDIUM 40 DEGREE BEAM WIDTH, ALUMINUM IP67 RATED HOUSING AND ADJUSTABLE AIMING HARDWARE | 54 WATTS LED, 7800 LUMENS 90 CRI 4000K COLOR TEMPERATURE | 208 | GRADE - ADJUSTABLE | GRADE | LITHONIA "D-SERIES SIZE 2 FLOOD" OR EQUAL BY GARDCO OR EATON | |




1 / E010 ELECTRICAL SITE PLAN
SCALE: 1"=30'-0"

N

## KEYED NOTES

1. PROVIDE RISER CONDUIT, REFER TO DETAIL 1/E011.
2. PROVIDE UNDERGROUND SECONDARY FEEDER, REFER TO DETAIL 2/E011.
3. PROVIDE UNDERGROUND SIGNAL CONDUITS, REFER TO DETAIL 3/E011.
4. PROVIDE POLE BASE, REFER TO DETAIL 4/E011.
5. REFER TO DETAIL 6/E011.
6. REFER TO DETAIL 7/E011.
7. PROVIDE 3#10 AWG, 1#10 AWG EGC IN 1-1/2" CONDUIT.
8. PROVIDE 2-#8 AWG, 1-#8 AWG EGC IN 1" CONDUIT.
9. REFER TO DETAIL 8/E011.

## GENERAL NOTES

1. REFER TO DETAILS ON DRAWING E011.
2. PROVIDE FULL COORDINATION WITH NATIONAL GRID (NG) WITH RESPECT TO THE EXISTING ELECTRICAL SERVICE DECOMMISION AND ALL NECESSARY PROVISIONS REQUIRED FOR THE CONSTRUCTION OF THE NEW ELECTRICAL SERVICE ENTRANCE. REFER TO "SUPPLEMENT TO SPECIFICATIONS FOR ELECTRICAL INSTALLATIONS - ELECTRIC SYSTEM BULLETIN #758."
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NG FEES AND CHARGES.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NEW STATION
FOR THE
TOWN OF BATAVIA FIRE DEPARTMENT INC. STATION #2

8534 STRINGHAM DRIVE
Batavia, NY 14020

REVISION HISTORY

| | DATE | DESCRIPTION |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
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| 7 | | |
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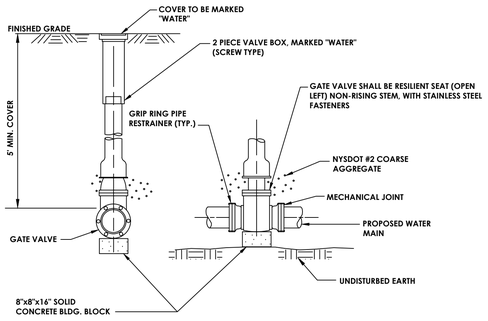
ELECTRICAL SITE PLAN

SCALE: AS NOTED
DWG. BY: JAS
DWG DATE: 1/19/2018
STATUS: -

E010

DWG ID#: $DWGFULLNAME

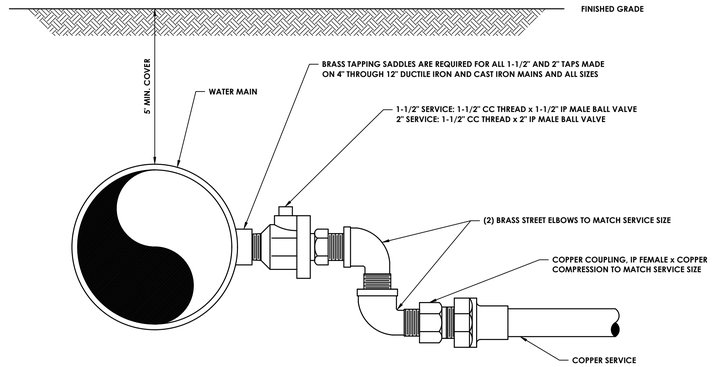



**NOTES:**

1. THE VALVE BOX SHALL BE CENTERED ON THE VALVE AND BACKFILLED SO THAT IT SETS ON COMPACTED FILL, NOT RESTING ON THE VALVE HOUSING.
2. ALL BOLTS AND NUTS SHALL BE FLUOROCARBON COATED.
3. VALVE SHALL BE WRAPPED WITH 2 MIL. THICK POLYETHYLENE 2' BEYOND END OF VALVE.

## GATE VALVE

N.T.S.




## 1-1/2" AND 2" SERVICE INSTALLATION WITH SWING JOINT

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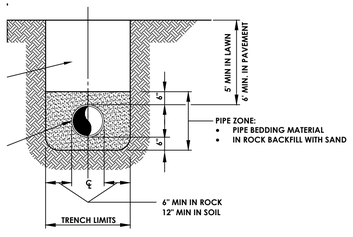


G & BACKFILL MATERIAL INSTALLED & COMPACTED IN 6" LIFTS

## NATER MAIN TRENCH

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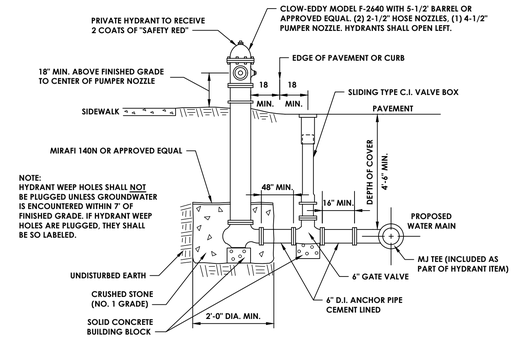
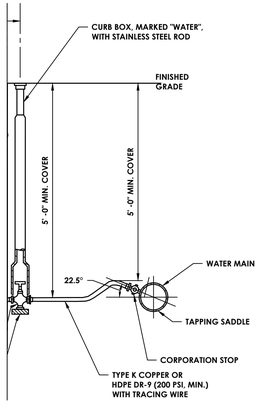



ALL FLANGES ON FIRE HYDRANT LEG TO BE MECHANICAL JOINT RETAINING TYPE OF FLANGES

## FIRE HYDRANT ASSEMBLY COMPLETE

N.T.S.




DX

## WATER SERVICE NOTES:

. ALL EXISTING SERVICES CONNECTED TO THE EXISTING MAIN SHALL BE RE-CONNECTED TO THE PROPOSED MAIN. PAYMENT FOR ALL RE-CONNECTIONS SHALL BE INCLUDED UNDER APPROPRIATE WATER SERVICE ITEMS.

2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE WATER SERVICES AND THE DISPOSITION OF THE WATER SERVICES BEFORE BEGINNING RELATED WORK. THE CONSEQUENCES OF THE CONTRACTOR'S FAILURE TO DO THIS SHALL BE BORNE SOLELY BY THE CONTRACTOR. ALL WATER SERVICE WORK SHALL BE COORDINATED WITH THE BUILDING OWNER AND THE VILLAGE SUPERINTENDENT.

3. ALL EXISTING SERVICES SHALL BE RECONNECTED TO THE NEW WATER MAIN WITH "K" COPPER, AND A NEW CURB STOP AND BOX SHALL BE PROVIDED. THE ABANDONMENT OF THE EXISTING SERVICE ITEMS WILL BE INCLUDED IN THE UNIT PRICE FOR THE NEW SERVICE INSTALLATION ITEMS.

4. THE CONTRACTOR SHALL MAKE A COMPLETE RECORD OF ALL NEW SERVICE WORK AND SERVICES ABANDONED AT TAP INCLUDING INFORMATION FOR "WATER SERVICE CARD" RECORDING NEW SERVICE WORK AND SUBMIT THIS INFORMATION TO THE OWNER'S WATER DEPARTMENT. PAYMENT FOR THIS WORK SHALL BE INCLUDED UNDER WATER ITEMS WITH NO ADDITIONAL PAYMENT.

5. LOCATION OF CURB STOP SHALL BE INSIDE THE SIDEWALK EDGE, ON THE ROAD SIDE, OR AS ORDERED BY THE ENGINEER.

6. EXCAVATION AND BACKFILL FOR NEW SERVICE CONNECTION TO BE INCLUDED IN THE APPROPRIATE WATER ITEM.

7. THE SERVICE SHALL HAVE A MINIMUM COVER DEPTH OF 5'-0". LONG SIDE SERVICE CONNECTIONS SHALL BE INSTALLED A MINIMUM OF 5'-FEET BELOW THE PAVEMENT SURFACE.

8. THE SERVICE TAP SHALL BE MADE ON SIDE OF MAIN FACING CUSTOMER AND SERVICE SHALL NOT CROSS OVER TOP OF MAIN.

9. THE SERVICE SHALL RUN PERPENDICULAR TO THE MAIN.

0. FOLLOWING COUNTY HEALTH DEPARTMENT APPROVAL OF THE NEW WATER MAIN, CONNECT TO EXISTING WATER SERVICE AT EACH RESIDENCE OR BUSINESS. COST TO INCLUDE ALL EQUIPMENT, LABOR AND MATERIAL, INCLUDING TRANSITION FITTINGS TO COMPLETE THE CONNECTION.

1. WATER MAIN TRENCH DETAILS SHALL APPLY TO WATER SERVICES. WATER SERVICE PIPE BEDDING SHALL BE CONCRETE SAND NYSDOT ITEM #203.07 IN ALL AREAS.

2. WATER SERVICE CONNECTION MATERIALS SHALL FOLLOW "LEAD-FREE" REGULATIONS.

## WATER MAIN TESTING AND DISINFECTION NOTES:

1. MAINS AND AND SERVICES SHALL BE FLUSHED BEFORE TESTING. THE MINIMUM FLUSHING VELOCITY SHALL BE 3.0 FEET PER SECOND.
2. BEFORE TESTING, SECTIONS ADJACENT TO THE TEST SECTION SHALL BE FILLED WITH WATER. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT, CONNECTIONS, PIPING, METERS, MEASURING, DEVICES, PUMPS, AND TEMPORARY ENCLOSURES NECESSARY TO PERFORM THE REQUIRED TESTS. TESTING SHALL BE MADE ON SECTIONS OF WATER MAIN NOT TO EXCEED 2,000 FEET IN LENGTH. WATER FOR TESTING AND FLUSHING SHALL BE OBTAINED FROM EXISTING WATER SYSTEM BY THE CONTRACTOR, FROM THE OWNER. ARRANGEMENTS SHALL BE MADE WITH THE WATER SYSTEM OPERATOR FOR PAYMENT OF WATER USED.
3. TESTING SHALL MEET THE MINIMUM REQUIREMENTS OF AWWA C-600 SECTION 4, EXCEPT WHERE MORE RIGID REQUIREMENTS ARE ESTABLISHED BY THE SPECIFICATIONS FOR THIS PROJECT. BEFORE APPLYING TEST PRESSURE, ALL AIR SHALL BE EXPELLED FROM THE PIPE. AFTER THE PIPE HAS BEEN FILLED, THE CONTRACTOR SHALL SUBJECT IT TO A HYDROSTATIC PRESSURE OF 50 PSI ABOVE NORMAL LINE PRESSURE OR A MINIMUM OF 150 PSI FOR A PERIOD OF 2 HOURS.
4. AFTER THE PRELIMINARY TEST IS SATISFACTORY, THE WATER SYSTEM OPERATOR SHALL BE GIVEN 24 HOURS NOTICE AND A FINAL TEST PERFORMED.
5. LEAKAGE SHALL BE DEFINED AS THE QUANTITY OF WATER SUPPLIED TO THE SECTION OF THE PIPE UNDER TEST NECESSARY TO MAINTAIN THE REQUIRED PRESSURE. SHOULD ANY TEST DISCLOSE LEAKAGE GREATER THAN THE ALLOWABLE, THE DEFECT SHALL BE LOCATED AND REPAIRED BY THE CONTRACTOR.
6. LEAKAGE SHALL BE DETERMINED AT 30 MINUTE INTERVALS BY MEANS OF VOLUMETRIC MEASUREMENT OF THE WATER ADDED DURING THE TEST.
7. TEST PRESSURE SHALL BE BASED ON THE ELEVATION OF THE LOWEST POINT UNDER TEST. PRESSURE SHALL BE APPLIED BY A PUMP CONNECTED TO THE PIPE. THE PUMP, PIPE, CONNECTIONS, GAUGES, AND MEASURING DEVICES SHALL BE CALIBRATED TO THE SATISFACTION OF THE ENGINEER.
8. ALL WATER MAINS AND APPURTENANCES SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C 651 DISINFECTING WATER MAINS, AND THE REQUIREMENTS OF NYS DEPARTMENT OF HEALTH, USING THE CONTINUOUS FEED METHOD. THE REQUIREMENTS OF NYS DEPARTMENT OF HEALTH SHALL GOVERN WHEN THERE IS A CONFLICT. USE 50 PPM INITIAL CHLORINE DOSE. DISINFECTANT SHALL REMAIN IN THE SYSTEM FOR A PERIOD OF 24 HOURS AFTER WHICH THE RESIDUAL SHALL BE AT LEAST 25 PPM. FOLLOWING DISINFECTION, ALL TREATED WATER SHALL BE THOROUGHLY FLUSHED FROM THE MAIN.
9. THE CONTRACTOR IS RESPONSIBLE TO ATTAIN A CHLORINE RESIDUAL NOT EXCEEDING 0.05 MG/L AT THE POINT OF DISCHARGE.
10. ALL APPURTENANCES AND SECTIONS OF WATER MAIN THAT CANNOT NORMALLY BE DISINFECTED SHALL BE SWABBED BY THE CONTRACTOR, TO THE SATISFACTION OF THE WATER SYSTEM OPERATOR, WITH A CONCENTRATED CHLORINE SOLUTION CONTAINING NO LESS THAN 200 PPM OF FREE CHLORINE. THE CONTRACTOR SHALL ALSO DISINFECT ALL EXISTING WATER LINES AND APPURTENANCES WHICH WERE BROKEN, DAMAGED, CONTAMINATED, OR SUSPECTED OF BEING CONTAMINATED AS A RESULT OF WORK DONE WITH THIS PROJECT.
11. WATER SAMPLES SHALL BE COLLECTED BY THE COUNTY HEALTH DEPARTMENT AND ANALYZED FOR BACTERIOLOGICAL CONTENT. A MINIMUM OF 1 SAMPLE PER 1,200 FEET OF NEW WATER MAIN AND 1 FOR EACH SIDE STREET SHALL BE COLLECTED AND ANALYZED. THE LOCATION OF THE SAMPLING TAP MUST BE APPROVED BY THE WATER SYSTEM OPERATOR AND COUNTY HEALTH DEPARTMENT. 2 CONSECUTIVE SAMPLES SHALL BE TAKEN AND ANALYZED AT THE CONTRACTOR'S EXPENSE.
12. THE MUNICIPALITY'S DESIGN ENGINEER IS RESPONSIBLE FOR CERTIFYING TO THE WATER SYSTEM OPERATOR AND THE DEPARTMENT OF HEALTH THAT THE WATER MAIN WAS INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THAT THE FLUSHING, TESTING, AND DISINFECTION WAS PERFORMED IN ACCORDANCE WITH THESE REQUIREMENTS. THE DESIGN ENGINEER SHALL SUBMIT THIS CERTIFICATION ALONG WITH THE PRESSURE TEST AND BACTERIOLOGICAL TESTING RESULTS TO THE WATER SYSTEM OPERATOR AND THE COUNTY HEALTH DEPARTMENT. THE WATER MAIN CANNOT BE PLACED IN SERVICE UNTIL AN APPROVAL OF COMPLETED WORKS IS RECEIVED FROM THE COUNTY HEALTH DEPARTMENT.

## WATER MAIN PRESSURE TESTING AND DISINFECTION PROCEDURES:

1.1 EXECUTION OF THE PRESSURE TEST
- A. FILL TEST SECTION OF PIPE WITH WATER OF APPROVED QUALITY, AND REMOVE ALL AIR FROM TEST SECTION.
- B. MAINTAIN TEST SECTION OF PIPE FULL OF WATER FOR A PERIOD OF 24 HOURS PRIOR TO TEST.
- C. PRESSURE TEST ALL WATER MAINS FROM MAIN LINE VALVE TO MAIN LINE VALVE OR TAPPING VALVE UNLESS OTHERWISE SPECIFIED.
  1. OPEN ALL HYDRANT GUARD VALVES AND PRESSURE TEST AGAINST HYDRANT.
  2. RESILIENT SEAT MAIN LINE GATE VALVES MAY BE PRESSURE TESTED FROM ONLY ONE DIRECTION.
  3. PRESSURE TEST BUTTERFLY AND DOUBLE DISC MAIN LINE GATE VALVES FROM BOTH DIRECTIONS, EXCEPT FOR LAST VALVE ON DEAD END MAINS (WHICH MAY BE TESTED FROM ONLY ONE DIRECTION).
- D. USE A PUMP TO RAISE THE WATER PRESSURE, BASED ON THE ELEVATION OF THE HIGHEST POINT OF TEST SECTION, TO A MINIMUM PRESSURE OF 150 POUNDS PER SQUARE INCH. USE A 300 PSI MAXIMUM TEST GAUGE TO MEASURE THE PRESSURE.
- E. MAINTAIN TEST PRESSURE FOR A PERIOD OF ONE HOUR WITHOUT ADDITIONAL PUMPING OR ADDITION OF WATER.
- F. REPAIR AND RETEST ALL SECTIONS OF PIPE THAT FAIL PRESSURE TEST.
- G. THE MAXIMUM LENGTH TO BE TESTED SHALL BE 1,000 FEET UNLESS THE MINIMUM VALVE SPACING IS GREATER.

1.2 EXECUTION OF FLUSHING
- A. DO NOT FLUSH ANY SECTION OF MAIN UNTIL COMPLETION OF A SUCCESSFUL PRESSURE TEST.
- B. PROVIDE 24 HOURS' NOTICE TO THE OWNER PRIOR TO FLUSHING ANY SECTION OF MAIN. OWNER SHALL REVIEW AND APPROVE BOTH TIME AND RATE OF FLUSHING.
- C. OWNER SHALL OPERATE ALL PRIOR EXISTING VALVES.
- D. MAINTAIN A VELOCITY OF 2.5 FEET PER SECOND IN SECTION BEING FLUSHED.

1.3 EXECUTION OF DISINFECTING AND HEALTH SAMPLING
- A. DO NOT DISINFECT A SECTION OF PIPE UNTIL SUCCESSFUL COMPLETION OF PRESSURE TESTING AND FLUSHING.
- B. DISINFECT AND SAMPLE IN ACCORDANCE WITH AWWA C651. USE OF TABLETS NOT ALLOWED.
- C. APPLY CHLORINE SOLUTION BY MEANS OF A SOLUTION FEED DEVICE. PROPORTION CHLORINE SOLUTION FLOW RATE TO RATE OF WATER ENTERING PIPE OR STRUCTURE SUCH THAT RESULTING FREE CHLORINE RESIDUAL IS NOT LESS THAN 50 PARTS PER MILLION (PPM).
- D. RETAIN CHLORINATED WATER IN PIPE OR STRUCTURE AT LEAST TWENTY-FOUR (24) HOURS, UNLESS OTHERWISE DIRECTED. OPERATE ALL VALVES AND HYDRANTS WITHIN DISINFECTION SECTION DURING RETENTION PERIOD.
- E. CHLORINE RESIDUAL SHALL BE NOT LESS THAN 25 PPM (MG/L) AT ANY POINT IN PIPE OR STRUCTURE AT THE END OF RETENTION PERIOD.
- F. AFTER THE RETENTION PERIOD, THOROUGHLY FLUSH THE PIPE OR STRUCTURE UNTIL WATER IN IT HAS A CHLORINE RESIDUAL COMPARABLE TO THAT OF THE WATER IN THE ADJACENT PUBLIC WATER SUPPLY SYSTEM. DISPOSE OF CHLORINATED WATER FROM ANY PIPE OR STRUCTURE SUCH THAT IT WILL NOT CAUSE DAMAGE TO ANY VEGETATION, FISH, OR ANIMAL LIFE.
- G. SCHEDULE HEALTH SAMPLING OF THE TEST SECTION BY THE COUNTY DEPARTMENT OF HEALTH. AS A MINIMUM, HEALTH SAMPLES SHALL BE TAKEN FOR EVERY 1000 FEET OF WATER MAIN AND AS INDICATED ON THE CONTRACT DRAWINGS. HEALTH SAMPLE MUST BE OBTAINED IN THE PRESENCE OF THE ENGINEER. FLAME SAMPLING POINT PRIOR TO SAMPLING. DO NOT USE FIRE HYDRANTS FOR SAMPLING POINTS.
- H. FLUSH AND RECHLORINATE ALL SECTIONS OF PIPE THAT FAIL THE HEALTH SAMPLE TEST IN ACCORDANCE WITH AWWA C651.
- I. PROVIDE WRITTEN APPROVAL OF THE HEALTH SAMPLE FROM THE HEALTH DEPARTMENT TO THE ENGINEER PRIOR TO PLACING THE TEST SECTION OF PIPE IN SERVICE OR INSTALLING ANY SERVICES.
- J. APPLY 5% SODIUM HYPOCHLORITE WHEN SPECIFIED OR WHEN MAKING REPAIRS TO STRUCTURES AND PORTIONS OF PIPELINES OR TIE-IN CONNECTIONS TO EXISTING PIPELINES. APPLY SOLUTION, NOT MORE THAN 60 OR LESS THAN 30 MINUTES, BEFORE INSTALLATION USING A WIDE BRUSH OR SPRAY APPLICATOR.

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FOR THE
TOWN OF BATAVIA FIRE DEPARTMENT INC. STATION #2

8536 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

| | DATE | DESCRIPTION |
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| 7 | | |
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| 1 | | |

MISCELLANEOUS DETAILS

SCALE: NTS
DWG. BY: JRP
DWG DATE: 01/24/18
STATUS: PRELIMINARY

C-300

PLOT TIME: 8PLTTIME

JOINT ALL AROUND WITH
OATS OF KOPPERS
CK COAL T
ETE MANHOLE ASTM C-478

C-443 (TYP.)

MORTAR (3000 PSI MIN)

CAST
H C-923, FILL
UT.

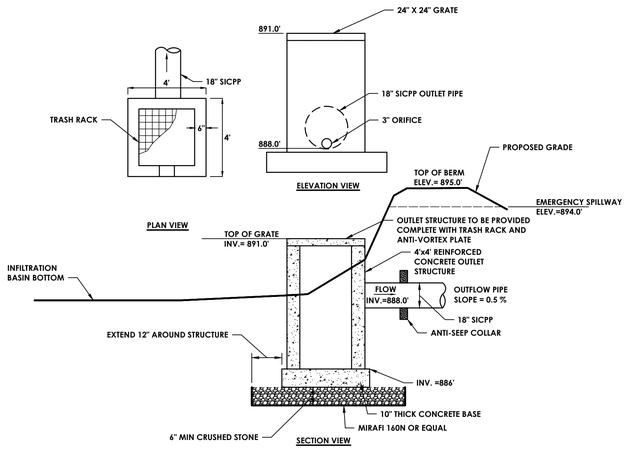
D HERE-ON APPLY
ANHOLES.

ESS =
FT. 6FT. 9 FT.
" 8" 12"
" 7" 9"
" 8" 12"

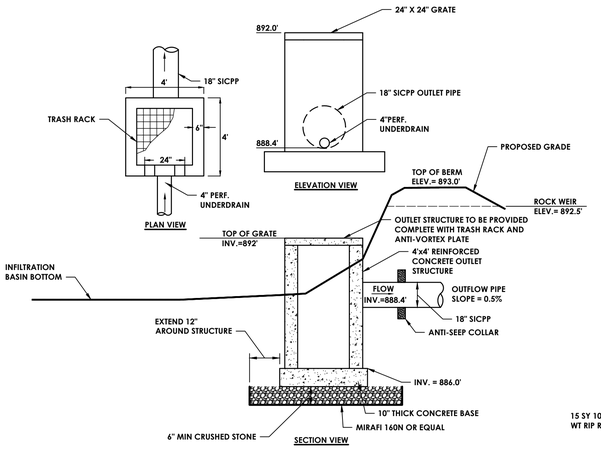
F MANHOLES TO
A.S.H.T.O. H20-44
EEL LOADING PLUS

PART PORTLAND
LEAN SAND.

M MANHOLES
NDER STORM
TEM. WORK
ON AND

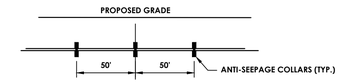



## POND OUTLET STRUCTURE
N.T.S.

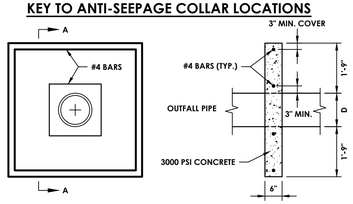



## BIORETENTION OUTLET STRUCTURE
N.T.S.

SEEDING
OIL
COMPACTED SUITABLE EXCAVATED GENERAL
EARTH FILL (NOT TO EXCEED 6" LIFTS)
EXCAVATE TO A SAFE SLOPE OR
PROVIDE TRENCH BRACING
12"
12"
D
D+2'-0"
6"
E / LAWN AREA




## KEY TO ANTI-SEEPAGE COLLAR LOCATIONS




ELEVATION

SECTION A-A

## ANTI-SEEPAGE COLLAR DETAIL
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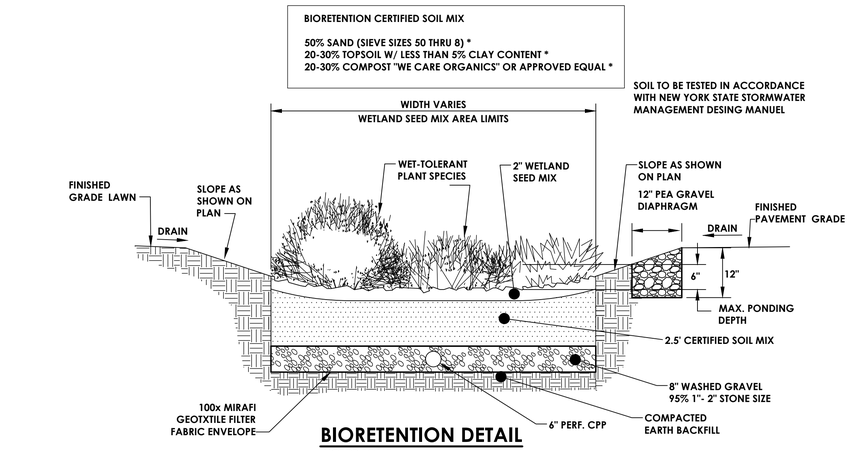
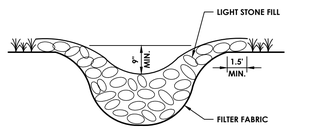
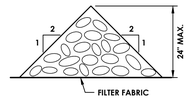



## BIORETENTION DETAIL
NOT TO SCALE




ELEVATION

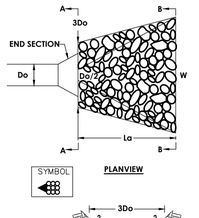



SECTION

## SPECIFICATIONS:

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
3. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER .
4. ENSURE THAT THE CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

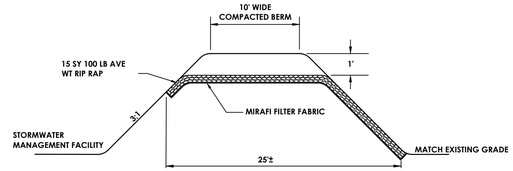
## CHECK DAM
N.T.S.



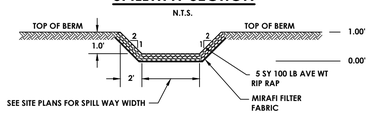

### RIP-RAP OUTLET DIMENSIONS

| STRUCTURE | DIA. OF PIPE Do | 3Do | La | W |
|---|---|---|---|---|
| ES1 (PIPES ACROSS TRACKS) | 2 x 27" | 6.75' | 14' | 16.3' |
| ES2 (INTO FOREBAY) | 18" | 4.5' | 8' | 9.5' |
| POND OUTLET | 24" | 6' | 12' | 14' |

## RIP-RAP OUTLET PROTECTION DETAIL
N.T.S.



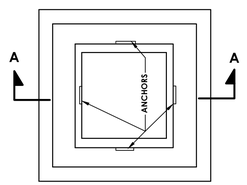

## SPILLWAY SECTION
N.T.S.



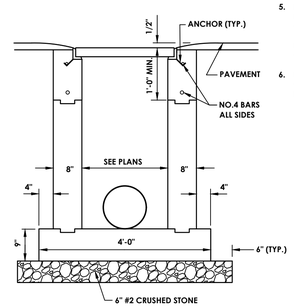

NOTES:

1) BERMS CONSTRUCTED IN FILL TO UTILIZE SELECT ON-SITE CLAY MATERIALS.
2) ALL BERMS TO BE COMPACTED TO PROVIDE STABLE, NON POROUS SURFACE.

## RIP RAP SPILLWAY DETAIL
N.T.S




PLAN




SECTION A-A

## CATCH BASIN
N.T.S.

## NOTES:

1. 24" x 24" FRAME AND GRATE
2. REINFORCEMENT SHALL HAVE A COVER OF 2" UNLESS OTHERWISE SHOWN.
3. ALL CONCRETE FOR CATCH BASINS SHALL BE 4000 PSI CAST-IN-PLACE CONCRETE OR PRECAST CONCRETE.
4. FILL WITH CEMENT MORTAR AND SEAL WITH ASPHALT EMULSION TACK COAT BETWEEN FRAME AND CURB.
5. DESIGN LOADING: AASHTO H-20, AND EQUIVALENT SOIL PRESSURE OF 130 P.S.F. CONCRETE: 4000 PSI, AIR ENTRAINED 5-9% STEEL: A.S.T.M. A496-A615, GRADE 60-60 K.S.I. THE INTERIOR AND EXTERIOR OF CATCH
6. BASIN SHALL BE COATED WITH TWO COATS OF KOPPERS SUPER SERVICE BLACK OR APPROVED EQUAL.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FOR THE
TOWN OF BATAVIA
FIRE DEPARTMENT INC.
STATION #2

8536 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

| | DATE | DESCRIPTION |
|---|---|---|
| 1 | | |
| 2 | | |
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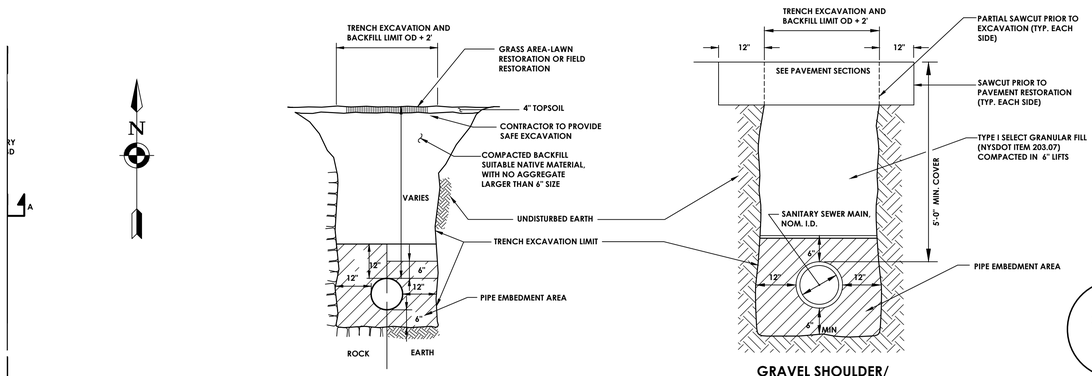
| 7 | | |
| 8 | | |

MISCELLANEOUS DETAILS

SCALE: NTS
DWG. BY: JRP
DWG DATE: 01/24/18
STATUS: PRELIMINARY

C-301

PLOT TIME: $PLTTIME




## GRASS AREA

## GRAVEL SHOULDER/ PAVEMENT AREA

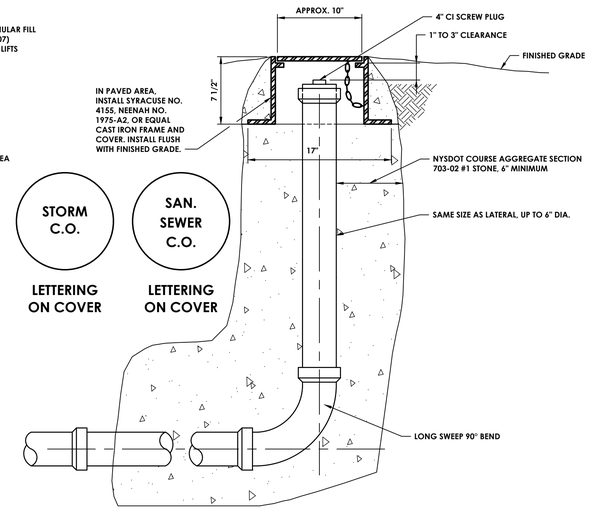
### PIPE EMBEDMENT REQUIREMENTS

PAVEMENT & SHOULDER AREAS:
CONCRETE SAND NYSDOT SPECIFICATION SECTION 703-07

LAWN & FIELD AREAS:
NYSDOT #1A SCREENED GRAVEL OR CONCRETE SAND

## SANITARY SEWER TRENCH DETAIL

N.T.S.




## TYPICAL SANITARY/STORM CLEAN-OUT

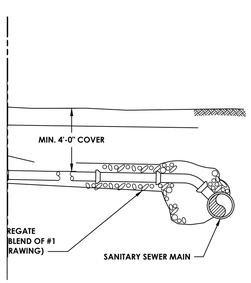
N.T.S.



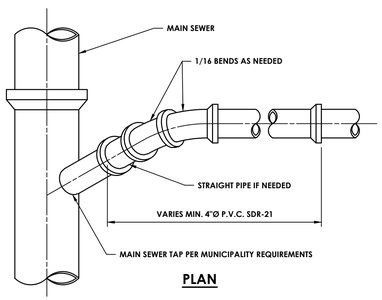

## SECTION B-B

## L/WATER SEPARATOR

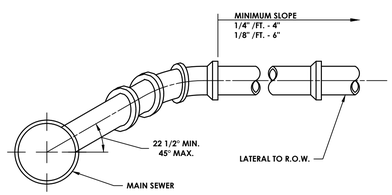
CALE: ¾" = 1'-0"




## .ATERAL



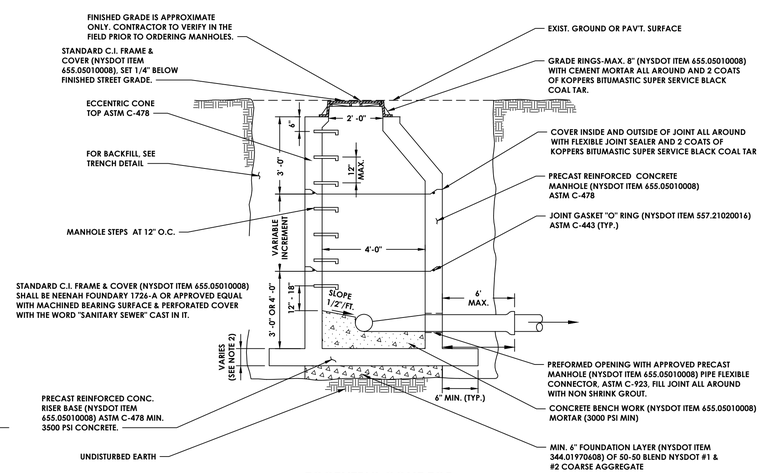

## PLAN




## SECTION

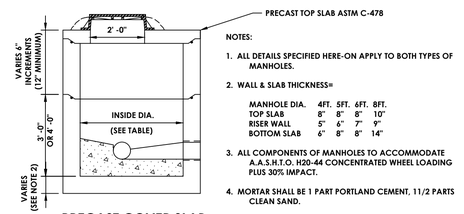
## WYE BRANCH CONNECTION

N.T.S.




## ECCENTRIC CONE TOP

(FOR MANHOLES DEEPER THAN 7 FT.)




NOTES:

1. ALL DETAILS SPECIFIED HERE-ON APPLY TO BOTH TYPES OF MANHOLES.
2. WALL & SLAB THICKNESS=

| MANHOLE DIA. | 4FT. | 5FT. | 6FT. | 8FT. |
|---|---|---|---|---|
| TOP SLAB | 8" | 8" | 8" | 10" |
| RISER WALL | 5" | 6" | 7" | 9" |
| BOTTOM SLAB | 6" | 8" | 8" | 14" |

3. ALL COMPONENTS OF MANHOLES TO ACCOMMODATE A.A.S.H.T.O. H20-44 CONCENTRATED WHEEL LOADING PLUS 30% IMPACT.
4. MORTAR SHALL BE 1 PART PORTLAND CEMENT, 11/2 PARTS CLEAN SAND.

## PRECAST COVER SLAB

## STANDARD SANITARY SEWER MANHOLES

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MISCELLANEOUS DETAILS

SCALE: NTS
DWG. BY: JRP
DWG DATE: 01/24/18
STATUS: PRELIMINARY

C-302

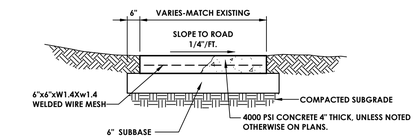
PLOT TIME: 9PLTTIME

OURSE (TYPE 7F3)

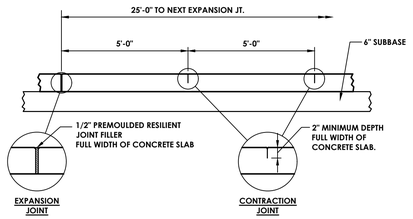
R COURSE (TYPE 3)
URSE (TYPE 1)

N FABRIC (MIRAFI 600X)

ADE PER
WITH APPROVED
ERCUT ALL
FILL MATERIAL.



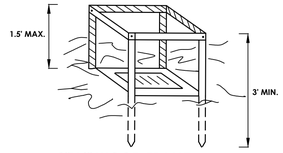

## CROSS-SECTIONAL VIEW



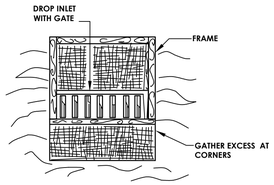

## SIDE VIEW

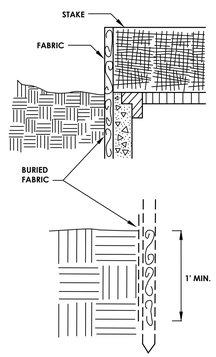
# TYPICAL CONCRETE SIDEWALK DETAIL

N.T.S.




## 2"X4" WOOD FRAME




CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. *MAXIMUM DRAINAGE AREA 1 ACRE

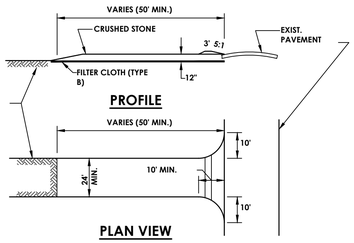
# FILTER FABRIC DROP INLET PROTECTION

N.T.S

SIZE: 12"X18"
BACKGROUND COLOR: WHITE
LEGEND COLOR: GREEN, BLUE

# RESERVED PARKING SIGN DATA

N.T.S.



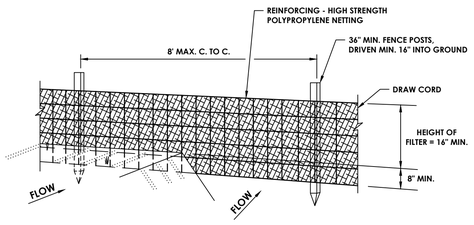

## PROFILE



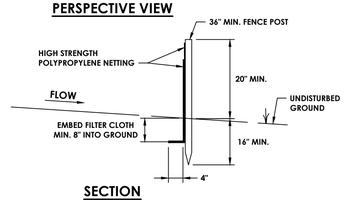

## PLAN VIEW

# STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.




## PERSPECTIVE VIEW




## SECTION

## CONSTRUCTION NOTES FOR FABICATED SILT FENCE

1. SILT FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO POLYPROPYLENE NETTING WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. NETTING MAY BE INCORPORATED INTO FILTER CLOTH.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.

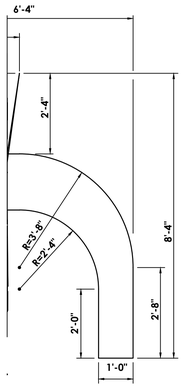
FENCE: HIGH STRENGTH POLYPROPYLENE NETTING

FILTER CLOTH: MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

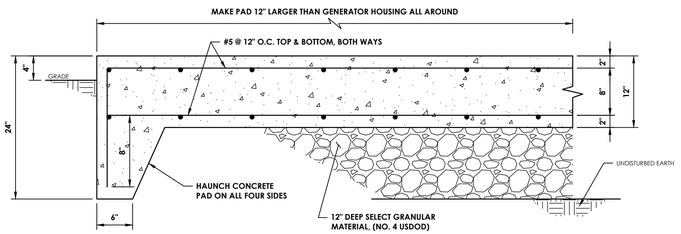
# SILT FENCE DETAIL

N.T.S.




# RN ARROW

N.T.S.




# GENERATOR HOUSING CONCRETE PAD

N.T.S.




SIZE: 18"X24"
LETTER: SEE M.U.T.C.D. M.U.T.C.D. #: R8-3 BACKGROUND COLOR: WHITE
LEGEND COLOR: RED

# NO PARKING

N.T.S.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MISCELLANEOUS DETAILS

SCALE: NTS
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DWG DATE: 01/24/18
STATUS: PRELIMINARY

C-303

PLOT TIME: 9PLTTIME

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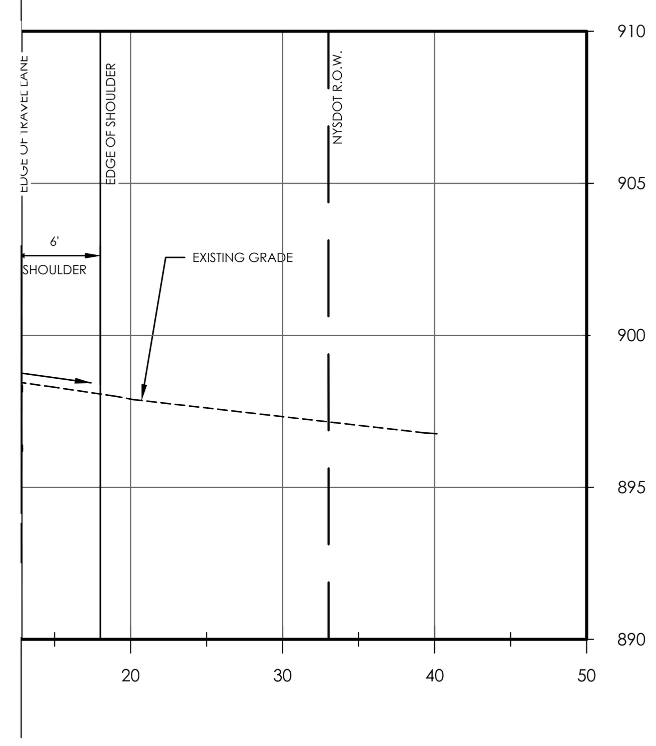


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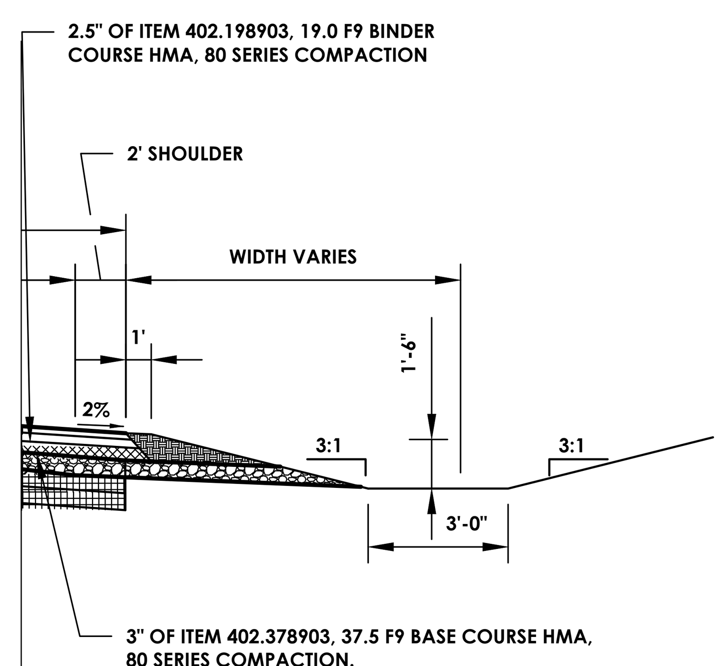


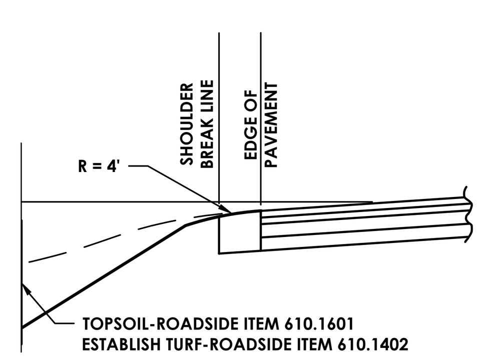

TRIP 12"-24"" OF ORGANIC MATERIAL BELOW
XISTING SURFACE UNDER ENTIRE WIDTH OF
ROPOSED PAVEMENT, IF NECESSARY.

WAY

NTENT SELECTION
ELECT THE DESIGN PGB CONTENT AT THE BINDER CONTENT THAT RESULTS IN A
NSITY OF 96.5% GMM AT THE DESIGN NUMBER OF GYRATIONS (NDESIGN). UNDER
ICES SHALL THE PERFORMANCE GRADED BINDER CONTENT IN THE HMA MIXTURE BE
OR A 9.5 DESIGN, 5.2% FOR A 12.5 DESIGN, 4.5% FOR A 19.0 DESIG, 4.2% FOR A
3.7% FOR A 37.5 DESIGN. ALL VOLUMETRIC AND MECHANICAL PROPERTIES ARE
GB CONTENT TO ENSURE THAT ALL REQUIREMENTS ARE MET.

RRANTY WORK IN ACCORDANCE WITH MATERIALS PROCEDURE (MP) 402-01,
IREMENTS FOR HOT MIX ASPHALT (HMA) TOP COURSE.

D SPECIFICATION SECTION 401-4.01 CERTIFIED PRODUCTION, PRODUCTION LESS
ND HIGHWAY PERMIT PRODUCTION, PRODUCTION MEETING THE SPECIFICATION
ILL BE ASSIGNED A QAF OF 1.00. PRODUCTION FAILING TO MEET THE
REQUIREMENTS WILL BE SUBJECT TO EVALUATION ACCORDING TO SECTION
ATION OF SUBLOTS REPRESENTED BY 0.85 QAF.




TAIL

R.O.W.

GENERAL NOTES

1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
2. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.

ACTIVITY AREA

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

SIGNS

1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
5. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
6. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
7. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

CHANNELIZING DEVICES

1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

PUBLIC ACCESS

1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES

1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

LANE WIDTHS

1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'. THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
2. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.

BARRIER/SHADOW VEHICLES

1. BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

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DATE/TIME = 06-NOV-2008 15:03
USER = jturley

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
WORK ZONE TRAFFIC CONTROL
GENERAL NOTES
APPROVED SEPTEMBER 18, 2008
/S/ DAVID J. CLEMENTS, P.E.
DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY
ISSUED UNDER EB 08-036
619-10
EFFECTIVE DATE: 01/08/09

## Standard General Plan Notes

1. ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
2. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
3. MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
4. MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE CURRENT NATIONAL MUTCD WITH NYS SUPPLEMENT, SECTION 619 OF THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THESE PLANS AND AS ORDERED BY THE ASSISTANT RESIDENT ENGINEER. ON A NYSDOT CONSTRUCTION PROJECT, MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THESE PLANS AND BE IN ACCORDANCE WITH THE NYSDOT CONTRACT DOCUMENTS AS DEEMED NECESSARY BY THE NYS ENGINEER-IN-CHARGE.
5. NOTIFY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S ASSISTANT RESIDENT ENGINEER AT THE APPROPRIATE NUMBER, AS NOTED BELOW, FIVE (5) WORK DAYS PRIOR TO WORKING WITHIN THE STATE RIGHT-OF-WAY.

| | | | |
|---|---|---|---|
| **GENESEE CO. -** | **DAN STAHLEY (585) 343-0502** | **LIVINGSTON CO. -** | **ADAM KISIAH (585) 346-3036** |
| **MONROE CO. -** | **WEST OF GENESEE RIVER DARRELL FAZIO (585) 352-3471** | **MONROE CO. -** | **EAST OF GENESEE RIVER MARK ELLSWORTH (585) 586-4514** |
| **ONTARIO CO. -** | **GREG TROST (585) 396-4955** | **ORLEANS CO. -** | **KEVIN KEISER (585) 589-6655** |
| **WAYNE CO. -** | **JEFF JONES (315) 332-4000** | **WYOMING CO. -** | **KEN BITTNER (585) 786-3310** |

THE PERMITTEE IS ADVISED THAT THE NYSDOT IS NOW REVIEWING ALL LANE CLOSURES ON THE PRIORITY NETWORK FOR IMPACT ON TRAFFIC OPERATIONS IN REAL-TIME. THE PRIORITY NETWORK CONSISTS OF INTERSTATES 390, 490 AND 590 AND STATE ROUTES 390, 590, 104 (FROM NY 390 TO WAYNE COUNTY), US 20, NY 63 (FROM STEUBEN COUNTY TO I 90) AND NY 77 IN GENESEE COUNTY. THE CLOSURE WILL BE EVALUATED IN THE LIGHT OF WHAT IS HAPPENING AT THAT TIME ON THE HIGHWAY. INCIDENTS, CONFLICTING WORK ZONES OR OTHER UNPLANNED EVENTS THAT RENDER THE HIGHWAY UNAVAILABLE FOR THE CLOSURE MAY RESULT IN A SHORT-TERM DISAPPROVAL OF THE CLOSURE UNTIL THE SITUATION HAS BEEN RESOLVED. EVALUATION PROCEDURES ARE AVAILABLE FOR REVIEW AT THE REGIONAL TRAFFIC OPERATIONS CENTER, 1155 SCOTTSVILLE ROAD, ROCHESTER, NY.

6. NOTIFY THE NYSDOT SIGNAL MAINTENANCE FACILITY AT (585) 753-7780 5 DAYS PRIOR TO WORKING WITHIN 350' OF A SIGNALIZED INTERSECTION. NOTIFY DIG SAFELY NEW YORK 2 WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 811 FOR A UTILITY STAKE-OUT.
7. ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION'S STANDARD SHEETS.
8. QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.
9. NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.
10. HAZARDOUS WASTE NOTIFICATION - THE PERMITTEE ACCEPTS THE RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO THE ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDER. SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE PERMITTEE IS REQUIRED TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS APPROVED BY THE DEPARTMENT OF TRANSPORTATION.
11. ADA COMPLIANCE – ALL WORK ON PEDESTRIAN FACILITIES SHALL BE COMPLIANT WITH THE AMERICANS WITH DISABILITIES ACT (ADA). 10/2017


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VOORHEESVILLE, NY 1218
(518) 765-4571 FAX (518) 765-2950
WWW.MITCHELL-ARCHITECTS.C


EMERGENCY SERVICE FACILITIES


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MEP ENGINEERING CONULTANT
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FOR THE
TOWN OF BATAVIA FIRE DEPARTMENT INC.
STATION #2
8536 STRINGHAM DRIVE
BATAVIA, NY 14020

| REVISION HISTORY | | |
|---|---|---|
| | DATE | DESCRIPTION |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

MISCELLANEOUS DETAILS

SCALE: NTS
DWG. BY: JRP
DWG DATE: 01/26/18
STATUS: PRELIMINARY

C-304

PLOT TIME: @PLTTIME

| ... LENGTHS | | | |
|---|---|---|---|
| ...ET (FT.) ...ON POSTED SPEED LIMIT (MPH) | | | |
| ...ED LIMIT | | | |
| ...MPH) | (60 MPH) | (65 MPH) | (70 MPH) |
| ...0 | 240 | 260 | 280 |
| ...5 | 300 | 325 | 350 |
| ...0 | 360 | 390 | 420 |
| ...5 | 420 | 455 | 490 |
| ...0 | 480 | 520 | 560 |
| ...5 | 540 | 585 | 630 |
| ...0 | 600 | 650 | 700 |
| ...5 | 660 | 715 | 770 |
| ...0 | 720 | 780 | 840 |

**TABLE 6C-3 TAPER LENGTH FOR TEMPORARY TRAFFIC CONTROL ZONES**

| TYPE OF TAPER | TAPER LENGTH (L) |
|---|---|
| MERGING TAPER | L |
| SHIFTING TAPER | L/2 |
| SHOULDER TAPER | L/3 |
| ONE-LANE, TWO-WAY TRAFFIC TAPER | 100 FT. MAXIMUM |
| DOWNSTREAM TAPER | 100 FT. PER LANE |

**TABLE 619-4 FLARE RATES FOR POSITIVE BARRIER**

| TYPE OF POSITIVE BARRIER | POSTED SPEED LIMIT 30 MPH | 40 MPH | 50 MPH | 55 MPH | 65 MPH |
|---|---|---|---|---|---|
| TEMPORARY CONCRETE BARRIER | 8:1 | 11:1 | 14:1 | 16:1 | 20:1 |
| BOX BEAM OR HEAVY POST CORRUGATED BEAM | 7:1 | 9:1 | 11:1 | 12:1 | 15:1 |

**TABLE NY6H-3 ADVANCE WARNING SIGN SPACING**

| ROAD TYPE | DISTANCE BETWEEN SIGNS A (FT.) | B (FT.) | C (FT.) | SIGN LEGEND XX | YY |
|---|---|---|---|---|---|
| URBAN (≤ 30 MPH•) | 100 | 100 | 100 | AHEAD | AHEAD |
| URBAN (35-40 MPH•) | 200 | 200 | 200 | AHEAD | AHEAD |
| URBAN (≥ 45 MPH•) | 350 | 350 | 350 | 1000 FT. | AHEAD |
| RURAL | 500 | 500 | 500 | 1500 FT. | 1000 FT. |
| EXPRESSWAY / FREEWAY | 1000 | 1500 | 2640 | 1 MILE | ½ MILE |

• PRECONSTRUCTION POSTED SPEED LIMIT

URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA) SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS, DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS PER MILE, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS PER MILE OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.

RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF THE ABOVE CHARACTERISTICS.

EXPRESSWAY: DIVIDED HIGHWAYS FOR TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.

FREEWAYS/INTERSTATE: LOCAL OR INTER REGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLUME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.

**WORK DURATION DEFINITIONS**

LONG-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS.

INTERMEDIATE-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN 1 HOUR.

SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.

SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.

MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

**WORK ZONE TRAFFIC CONTROL LEGEND**

| SYMBOL | DESCRIPTION |
|---|---|
| | ARROW PANEL |
| | ARROW PANEL, CAUTION MODE |
| | ARROW PANEL TRAILER OR SUPPORT |
| | CHANGEABLE MESSAGE SIGN (PVMS) |
| | CHANNELIZING DEVICE |
| | CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR |
| | DIRECTION OF TEMPORARY TRAFFIC DETOUR |
| | DIRECTION OF TRAFFIC |
| | FLAGGER |
| | FLAG TREE |
| | LUMINAIRE |
| | PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT |
| | SIGN, TEMPORARY |
| | TEMPORARY BARRIER |
| | TEMPORARY BARRIER WITH WARNING LIGHTS |
| | TRAFFIC OR PEDESTRIAN SIGNAL |
| | TYPE III BARRICADE |
| | WARNING LIGHTS |
| | WORK SPACE |
| | WORK VEHICLE |
| | WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR |

EFFECTIVE DATE: 01/08/09

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES
APPROVED SEPTEMBER 18, 2008 | ISSUED UNDER EB 08-036
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY
619-11

**WORK ZONE TRAFFIC CONTROL SIGN TABLE**

| SIGN | SIGN DESIGNATION | COLOR CODE | CONVENTIONAL ROAD | EXPRESSWAY | FREEWAY |
|---|---|---|---|---|---|
| EXIT | E5-1 | C | ------- | 72"X60" | 72"X60" |
| ROAD WORK NEXT X MILES | G20-1 | A | 36"X18" | 48"X24" | 48"X24" |
| END ROAD WORK | G20-2 | A | 36"X18" | 48"X24" | 48"X24" |
| PILOT CAR FOLLOW ME | G20-4 | A | 36"X18" | ------- | ------- |
| WORK ZONE | G20-5aP | A | 24"X18" | 36"X24" | 36"X24" |
| X XX | M1-1 | G | 1 OR 2 DIGITS 24"X24" | 36"X36" | 36"X36" |
| XXX | M1-1† | G | 3 DIGITS 30"X24" | 45"X36" | 45"X36" |
| X XX | M1-4 | B | 1 OR 2 DIGITS 24"X24" | 36"X36" | 36"X36" |
| XXX | M1-4† | B | 3 DIGITS 30"X24" | 45"X36" | 45"X36" |
| NORTH | M3-1 | SEE NOTE 3 | 24"X12" | 36"X18" | 36"X18" |
| EAST | M3-2 | | | | |
| SOUTH | M3-3 | | | | |
| WEST | M3-4 | | | | |
| DETOUR | M4-8 | A | 24"X12" | 36"X18" | 36"X18" |
| END DETOUR | M4-8a | A | 24"X18" | 24"X18" | 24"X18" |
| DETOUR | M4-9 M4-9L M4-9R | A | 30"X24" | 48"X36" | 48"X36" |
| DETOUR | M4-9a | A | 30"X24" | 30"X24" | ------- |
| DETOUR | M4-9b | A | 30"X24" | 30"X24" | ------- |
| DETOUR | M4-9c | A | 30"X24" | 30"X24" | ------- |
| DETOUR | M4-10L | A | 48"X18" | 48"X18" | 48"X18" |
| DETOUR | M4-10R | | | | |
| | M5-1 | SEE NOTE 3 | 21"X15" | 30"X21" | 30"X21" |
| | M5-2 | SEE NOTE 3 | 21"X15" | 30"X21" | 30"X21" |
| | M6-1 | SEE NOTE 3 | 21"X15" | 30"X21" | 30"X21" |
| | M6-2 | | | | |
| | M6-3 | | | | |
| | M6-4 | | | | |
| X XX | NYM3-1 | B | 24"X24" | 36"X36" | 36"X36" |
| XXX | NYM3-2 | B | 30"X24" | 45"X36" | 45"X36" |
| XXXA | NYM3-3 | B | 30"X24" | 45"X36" | 45"X36" |

**WORK ZONE TRAFFIC CONTROL SIGN TABLE**

| SIGN | SIGN DESIGNATION | COLOR CODE | CONVENTIONAL ROAD | EXPRESSWAY | FREEWAY |
|---|---|---|---|---|---|
| STATE LAW LICENSE SUSPENDED AFTER TWO WORK ZONE SPEEDING TICKETS | NYR9-11 | B | 24"X42" | 48"X84" | 48"X84" |
| STATE LAW FINES DOUBLED FOR SPEEDING IN WORK ZONES | NYR9-12 | B | 24"X36" | 36"X54" | 48"X72" |
| RUMBLE STRIPS | NYW4-17 | A | 36"X36" | 48"X48" | 48"X48" |
| WET PAINT | NYW8-30 | A | 48"X24" | 48"X24" | 48"X24" |
| STAY IN LANE | NYW8-31 | A | 48"X24" | 48"X24" | 48"X24" |
| DO NOT PASS | NYW8-32 | A | 48"X24" | 48"X24" | 48"X24" |
| LANE CLOSED | NYW8-33 | A | 48"X24" | 48"X24" | 48"X24" |
| STOP | R1-1 | D | 36"X36" | 36"X36" | 48"X48" |
| YIELD | R1-2 | E | 36"X36"X36" | 48"X48"X48" | 60"X60"X60" |
| SPEED LIMIT XX | R2-1 | B | 24"X30" OR 30"X36" (SEE NOTE 5) | 36"X48" | 36"X48" |
| END HIGHER FINES ZONE | R2-11 | B | 24"X30" | 36"X48" | 36"X48" |
| END WORK ZONE SPEED LIMIT | R2-12 | B | 24"X36" | 36"X54" | 36"X54" |
| DO NOT PASS | R4-1 | B | 24"X30" | 36"X48" | 36"X48" |
| | R4-7 | B | 24"X30" | 36"X48" | 36"X48" |
| | R4-7c NARROW | B | 18"X30" | ------- | ------- |
| | R4-8 | B | 24"X30" | 36"X48" | 36"X48" |
| | R4-8c NARROW | B | 18"X30" | ------- | ------- |
| STAY IN LANE | R4-9 | B | 24"X30" | 36"X48" | 36"X48" |
| DO NOT ENTER | R5-1 | E | 36"X36" | 36"X36" | 48"X48" |
| PEDESTRIAN CROSSWALK | R9-8 | B | 36"X18" | 36"X18" | ------- |
| SIDEWALK CLOSED | R9-9 | B | 24"X12" | 24"X12" | ------- |
| SIDEWALK CLOSED USE OTHER SIDE | R9-10L R9-10R | B | 24"X12" | 24"X12" | ------- |
| SIDEWALK CLOSED AHEAD CROSS HERE | R9-11L R9-11R | B | 24"X18" | 24"X18" | ------- |
| SIDEWALK CLOSED CROSS HERE | R9-11aL R9-11aR | B | 24"X12" | 24"X12" | ------- |
| STOP HERE ON RED | R10-6 | B | 24"X36" | 24"X36" | ------- |
| ROAD CLOSED | R11-2 | B | 48"X30" | 48"X30" | 48"X30" |

**WORK ZONE TRAFFIC CONTROL SIGN TABLE**

| SIGN | SIGN DESIGNATION | COLOR CODE | CONVENTIONAL ROAD | EXPRESSWAY | FREEWAY |
|---|---|---|---|---|---|
| ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY | R11-3a | B | 60"X30" | 60"X30" | ------- |
| | W1-4L W1-4R | A | 36"X36" | 48"X48" | 48"X48" |
| | W1-4bL W1-4bR | A | 36"X36" | 48"X48" | 48"X48" |
| | W1-4cL W1-4cR | A | 36"X36" | 48"X48" | 48"X48" |
| | W1-6L | A | 48"X24" | 60"X30" | 60"X30" |
| | W1-6R | A | | | |
| | W1-8L | A (NO BORDER) | 18"X24" | 30"X36" | 30"X36" |
| | W1-8R | A (NO BORDER) | | | |
| | W3-1 | A[4] | 36"X36" | 48"X48" | 48"X48" |
| | W3-2 | A[4] | 36"X36" | 48"X48" | 48"X48" |
| | W3-3 | A[4] | 36"X36" | 48"X48" | 48"X48" |
| BE PREPARED TO STOP | W3-4 | A | 36"X36" | 48"X48" | 48"X48" |
| SPEED LIMIT XX | W3-5 | A[4] | 36"X36" | 48"X48" | 48"X48" |
| | W4-1L W4-1R | A | 36"X36" | 48"X48" | 48"X48" |
| | W4-2L W4-2R | A | 36"X36" | 48"X48" | 48"X48" |

ROADWAY DEFINITIONS:

CONVENTIONAL ROAD - A STREET OR HIGHWAY OTHER THAN A FREEWAY, OR EXPRESSWAY.

EXPRESSWAY - A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS.

FREEWAY - A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS.

**COLOR CODE LEGEND**

| CODE | DESCRIPTION |
|---|---|
| A | BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND |
| B | BLACK LEGEND AND BORDER ON A WHITE BACKGROUND |
| C | WHITE LEGEND AND BORDER ON A GREEN BACKGROUND |
| D | WHITE LEGEND AND BORDER ON A RED BACKGROUND |
| E | RED LEGEND AND BORDER ON A WHITE BACKGROUND |
| F | BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW GREEN BACKGROUND |
| G | WHITE LEGEND AND BORDER ON A BLUE AND RED BACKGROUND |

NOTES:

1. DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.
2. FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO THE M.U.T.C.D.
3. COLORS FOR DIRECTION PLAQUES, ADVANCE TURN ARROWS, AND DIRECTIONAL ARROWS SHALL MATCH THE ROUTE OR INTERSTATE SIGN THAT THEY SUPPLEMENT AS PER THE M.U.T.C.D.
4. MULTICOLORED SYMBOL IMPOSED ON SIGN WITH BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND.
5. FOR R2-1 SIGN LARGER DIMENSIONS SHALL BE USED WHEN SIGN FACES MULTIPLE LANES ON A CONVENTIONAL ROAD.

FILE NAME = 619-1201_050312.dgn DATE/TIME = 18-APR-2012 11:00 USER = rlohse

EFFECTIVE DATE: 05/03/2012

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
SIGN TABLE (SHEET 1 OF 2)
APPROVED APRIL 1, 2012 | ISSUED UNDER EB 12-010
/S/ TODD WESTHUIS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY
619-12

**WORK ZONE TRAFFIC CONTROL SIGN TABLE**

| SIGN | SIGN DESIGNATION | COLOR CODE | CONVENTIONAL ROAD | EXPRESSWAY | FREEWAY |
|---|---|---|---|---|---|
| | W21-1 | A | 36"X36" | 48"X48" | 48"X48" |
| SLOW MOVING VEHICLE | W21-4 | A | 36"X18" | 48"X24" | 48"X24" |
| SHOULDER WORK | W21-5 | A | 36"X36" | 48"X48" | 48"X48" |
| LEFT SHOULDER CLOSED / RIGHT SHOULDER CLOSED | W21-5aL W21-5aR | A | 36"X36" | 48"X48" | 48"X48" |
| LEFT SHOULDER CLOSED AHEAD / XXX FT / X MILE; RIGHT SHOULDER CLOSED AHEAD / XXX FT / X MILE | W21-5bL W21-5bR | A | 36"X36" | 48"X48" | 48"X48" |
| MOWING AHEAD | W21-8 | A | 36"X36" | 48"X48" | 48"X48" |
| BLASTING ZONE AHEAD / 1500 FT / 1/2 MILE | W22-1 | A | 36"X36" | 48"X48" | 48"X48" |
| TURN OFF 2-WAY RADIO AND CELL PHONE | W22-2 | A | 42"X36" | 42"X36" | 42"X36" |
| END BLASTING ZONE | W22-3 | A | 42"X36" | 42"X36" | 42"X36" |
| NEW TRAFFIC PATTERN AHEAD | W23-2 | A | 36"X36" | 48"X48" | 48"X48" |
| | W24-1L W24-1R | A | 36"X36" | 48"X48" | 48"X48" |
| | W24-1aL W24-1aR | A | 36"X36" | 48"X48" | 48"X48" |
| | W24-1bL W24-1bR | A | 36"X36" | 48"X48" | 48"X48" |

ROADWAY DEFINITIONS:

CONVENTIONAL ROAD - A STREET OR HIGHWAY OTHER THAN A FREEWAY, OR EXPRESSWAY.

EXPRESSWAY - A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS.

FREEWAY - A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS.

**COLOR CODE LEGEND**

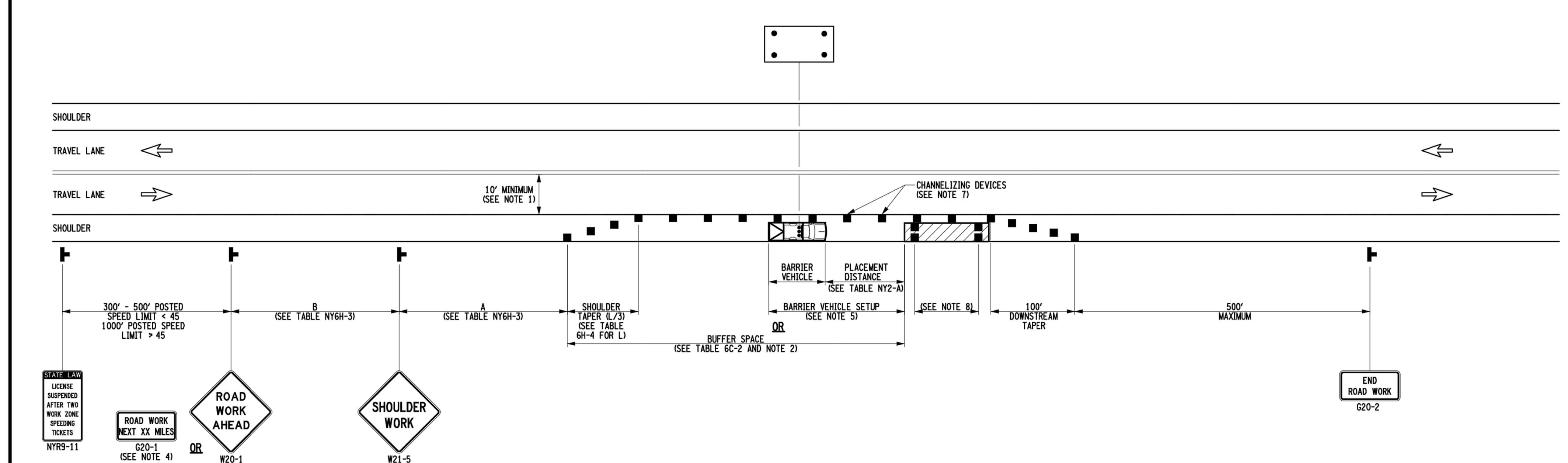
| CODE | DESCRIPTION |
|---|---|
| A | BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND |
| B | BLACK LEGEND AND BORDER ON A WHITE BACKGROUND |
| C | WHITE LEGEND AND BORDER ON A GREEN BACKGROUND |
| D | WHITE LEGEND AND BORDER ON A RED BACKGROUND |
| E | RED LEGEND AND BORDER ON A WHITE BACKGROUND |
| F | BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW GREEN BACKGROUND |
| G | WHITE LEGEND AND BORDER ON A BLUE AND RED BACKGROUND |

NOTES:

1. DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.
2. FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO THE M.U.T.C.D.
3. WHEN USED IN CONJUNCTION WITH A BICYCLE SIGN (W11-1) OR PEDESTRIAN CROSSING (W11-2) COLOR CODE SHALL MATCH.

EFFECTIVE DATE: 05/03/2012

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
SIGN TABLE (SHEET 2 OF 2)
APPROVED APRIL 1, 2012 | ISSUED UNDER EB 12-010
/S/ TODD WESTHUIS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY
619-12




SHOULDER CLOSURE
SHORT OR INTERMEDIATE TERM STATIONARY
2-LANE 2-WAY ROADWAY
(NOT TO SCALE)

NOTES:

1. WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.
2. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
3. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, A SUPPLEMENTAL DISTANCE PLAQUE (W7-3a) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).
4. THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
6. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.
7. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
8. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

FILE NAME = 619-20_010710.dgn DATE/TIME = 09-OCT-2009 10:46 USER = jturley

EFFECTIVE DATE: 01/07/10

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
SHOULDER CLOSURE 2-LANE 2-WAY ROADWAY
APPROVED SEPTEMBER 15, 2009 | ISSUED UNDER EB 09-025
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY
619-20

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FOR THE
TOWN OF BATAVIA FIRE DEPARTMENT INC. STATION #2
8536 STRINGHAM DRIVE
BATAVIA, NY 14020

REVISION HISTORY

| | DATE | DESCRIPTION |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

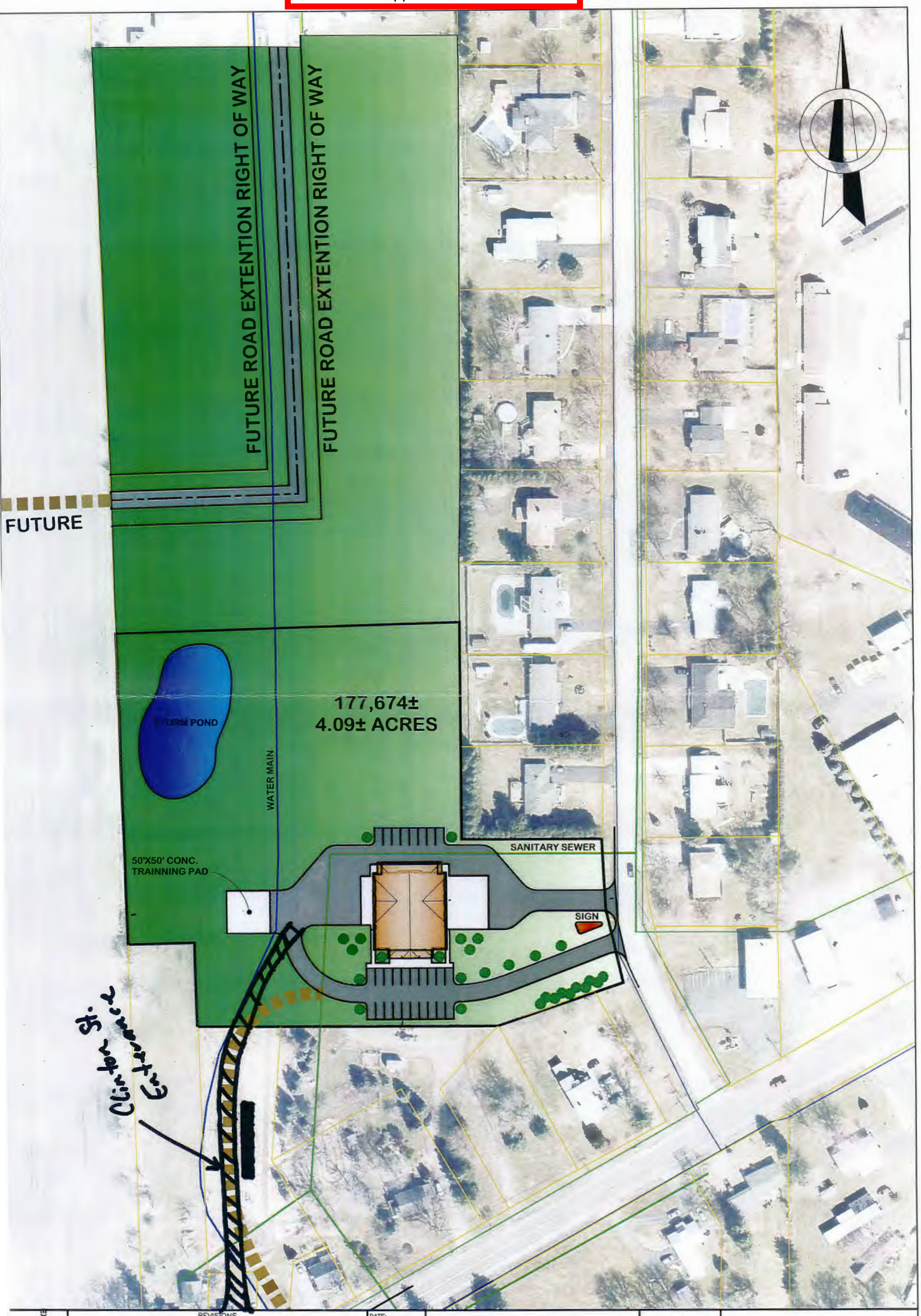
MAINTENANCE AND PROTECTION OF TRAFFIC

SCALE: NTS
DWG. BY: JRP
DWG DATE: 01/26/18
STATUS: PRELIMINARY

C-305

PLOT TIME: @PLTTIME

Site Plan approved in March 2014




| REVISIONS | | | | | DATE: |
|---|---|---|---|---|---|
| NO. | DATE | BY | CHKED | DESCRIPTION | DRAWN: |
| | | | | | DESIGNED: |
| | | | | | SCALE: |

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 SECTION 7209, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWING NAME: EXISTING FLOOR PLAN

DRAWING NUMBER: F – 2

TOWN OF BATAVIA FIRE DEPARTMENT
FIRE STATION #2 STRINGHAM DRIVE

**TOWN OF BATAVIA**

3833 West Main St. Rd. 14020
GENESEE COUNTY STATE OF NEW YORK

CONCEPT SITE PLAN
FIRE STATION #2
SCALE: 1"=100'

# T-05-BAT-2-18

04/21/2016