

CITY OF WATERTOWN, NEW YORK
AGENDA
Monday, August 21, 2017

This shall serve as notice that the next regularly scheduled meeting of the City Council will be held on Monday, August 21, 2017, at 7:00 p.m. in the City Council Chambers, 245 Washington Street, Watertown, New York.

MOMENT OF SILENCE

PLEDGE OF ALLEGIANCE

ROLL CALL

ADOPTION OF MINUTES

COMMUNICATIONS

PRIVILEGE OF THE FLOOR

RESOLUTIONS

- Resolution No. 1 - Authorizing the Sale of Surplus Vehicle, Public Works Department
- Resolution No. 2 - Accepting Bid for Materials for the Thompson Boulevard-Washington Street-Chestnut Street Signal Pole Foundation
- Resolution No. 3 - Approving Change Order for Huntington Street Outfall Pipe Repair, Acts II Construction
- Resolution No. 4 - Finding that the Blight Removal Program (158 and 166 Academy Street) Will Not Have a Significant Negative Impact on the Environment
- Resolution No. 5 - Approving the Site Plan for the Construction of a 640 Square-Foot Building Addition and a 2,300 Square-Foot Concrete Loading Dock at 830 Washington Street, Parcel Numbers 14-02-101.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000

ORDINANCES

LOCAL LAW

PUBLIC HEARING

OLD BUSINESS

STAFF REPORTS

1. Marble Street
2. Public Hearing for the Community Development Block Grant Program Consolidated Annual Performance and Evaluation Report
3. Sales Tax Revenue – July 2017
4. Sale of Surplus Hydro-electricity – July 2017

NEW BUSINESS

EXECUTIVE SESSION

To Discuss Collective Bargaining

WORK SESSION

ADJOURNMENT

**NEXT REGULARLY SCHEDULED CITY COUNCIL MEETING IS TUESDAY,
SEPTEMBER 5, 2017.**

Res No. 1

August 14, 2017

To: The Honorable Mayor and City Council
From: Sharon Addison, City Manager
Subject: Authorizing the Sale of Surplus Vehicle,
Public Works Department

The Public Works Department has a surplus vehicle that is no longer of value to the City and is beyond reasonable repair. As stated in the attached report of City Purchasing Manager Amy M. Pastuf, this vehicle could be sold through Auctions International's online website.

A Resolution is attached for City Council consideration.

RESOLUTION

Page 1 of 1

Authorizing the Sale of Surplus Vehicle,
Public Works Department

Council Member HORBACZ, Cody J.
 Council Member JENNINGS, Stephen A.
 Council Member MACALUSO, Teresa R.
 Council Member WALCZYK, Mark C.
 Mayor BUTLER, Jr., Joseph M.
 Total

YEA	NAY

Introduced by

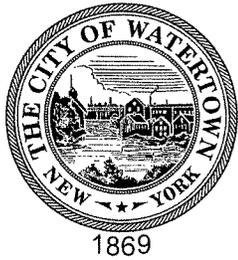
WHEREAS the City of Watertown has a surplus vehicle that is beyond reasonable repair and therefore no longer of value to the City, the description of which is attached and made a part of this resolution, and

WHEREAS this vehicle may have some value best determined by on-line auction,

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Watertown, New York, that it hereby authorizes the sale, by on-line auction, of the 2002 Ford Truck from the Public Works Department, and

BE IT FURTHER RESOLVED that final acceptance of such bid shall constitute acceptance of the same by the City Council.

Seconded by



CITY OF WATERTOWN, NEW YORK

ROOM 205, CITY HALL
245 WASHINGTON STREET
WATERTOWN, NEW YORK 13601-3380
E-MAIL APastuf@watertown-ny.gov
☎(315) 785-7749 📠(315) 785-7752

Amy M. Pastuf
Purchasing Manager

MEMORANDUM

TO: Sharon Addison, City Manager
FROM: Amy M. Pastuf, Purchasing Manager
SUBJECT: Surplus Sale of Public Works Truck
DATE: 8/11/2017

The Purchasing Department is requesting City Council's permission to auction one surplus vehicle from the Public Works Department. The Department has determined that the vehicle is beyond reasonable repair and therefore no longer of value to the City. This request is for the City Council to authorize the Purchasing Department to accept the highest offer at time of sale provided the offer meets or exceeds the estimated scrap value.

Thank you for your consideration in this matter.

Copy: Jim Mills, City Comptroller
Eugene Hayes, Superintendent of Public Works

Enclosures

SURPLUS ITEM(S)

The following item is surplus to the City's needs. This vehicle is located at the Central Garage.

DESCRIPTION	Department
2002 Ford 2x4 pickup (1-23), VIN# 1FDSW34L42EB99097, Mileage 113,000	Public Works



August 15, 2017

To: The Honorable Mayor and City Council

From: Sharon Addison, City Manager

Subject: Accepting Bid for Materials for the Thompson Boulevard-Washington Street-Chestnut Street Signal Pole Foundation

The City Purchasing Department has advertised and received sealed bids for the purchase of materials for use by the Department of Public Works and Engineering Departments for the Thompson Boulevard-Washington Street-Chestnut Street Signal Pole Foundation, per our specifications.

Invitations to bid were issued to ten (10) prospective bidders, as well as area plan room houses, with two (2) bids received and publicly opened and read in the City Purchasing Department on Friday, August 11, 2017, at 11:00 a.m.

City Purchasing Manager Amy Pastuf reviewed the bids received with the Engineering Department, and it is their recommendation that the City Council accept the bid received from Syracuse Signal Systems, Inc. as the lowest qualifying bidder, as detailed below:

Description	Syracuse Signal Systems, Inc.
	Syracuse , NY
Foundation Installation	\$10,902.00
Petro Contaminated Soil	\$1,830.40
Total	\$12,732.40

The bid information is detailed in the attached report of Ms. Pastuf. Funding for this project is included in the 2016-2017 Adopted Budget with funding support through CHIPS.

A Resolution has been prepared for City Council consideration.

RESOLUTION

Page 1 of 1

Accepting Bid for Materials for the
Thompson Boulevard-Washington Street-
Chestnut Street Signal Pole Foundation

Council Member HORBACZ, Cody J.
Council Member JENNINGS, Stephen A.
Council Member MACALUSO, Teresa R.
Council Member WALCZYK, Mark C.
Mayor BUTLER, Jr., Joseph M.
Total

YEA	NAY

Introduced by

WHEREAS the City Purchasing Department has advertised and received sealed bids for materials for use by the Department of Public Works and Engineering Departments for the Thompson Boulevard-Washington Street-Chestnut Street Signal Pole Foundation, per our specifications, and

WHEREAS invitations to bid were issued to ten (10) prospective bidders, as well as area plan room houses, with two (2) bids received and publicly opened and read in the City Purchasing Department on Friday, August 11, 2017, at 11:00 a.m., and

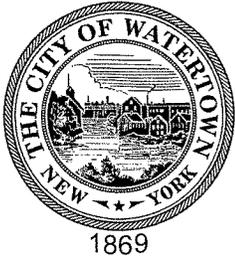
WHEREAS City Purchasing Manager Amy Pastuf reviewed the bids received with the Engineering Department, and it is their recommendation that the City Council accept the bid from Syracuse Signal Systems, Inc. as the lowest qualifying bidder as detailed below:

Description	Syracuse Signal Systems, Inc.
	Syracuse , NY
Foundation Installation	\$10,902.00
Petro Contaminated Soil	\$1,830.40
Total	\$12,732.40

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Watertown hereby accepts the bid submitted by Syracuse Signal Systems, Inc., as detailed above, being the lowest qualifying bidder meeting City specifications for the purchase of materials for use by the Department of Public Works and Engineering Departments for the Thompson Boulevard-Washington Street-Chestnut Street Signal Pole Foundation, and

BE IT FURTHER RESOLVED that City Manager Sharon Addison is hereby authorized and directed to sign all contracts associated with implementing the award to Syracuse Signal Systems, Inc.

Seconded by



CITY OF WATERTOWN, NEW YORK

ROOM 205, CITY HALL
245 WASHINGTON STREET
WATERTOWN, NEW YORK 13601-3380
E-MAIL APastuf@watertown-ny.gov
Phone (315) 785-7749 Fax (315) 785-7752

Amy M. Pastuf
Purchasing Manager

MEMORANDUM

TO: Sharon Addison, City Manager
FROM: Amy M. Pastuf, Purchasing Manager
SUBJECT: Bid 2017- 15 – TWC Traffic Signal Pole Foundation
DATE: 8/15/2017

The City's Purchasing Department advertised in the Watertown Daily Times on July 27, 2017 calling for sealed bids for the installation of a Signal Pole Foundation at the Thompson Boulevard-Washington Street-Chestnut Street Intersection. The Purchasing Department issued Invitations to Bid to ten (10) prospective bidders as well as the area plan room houses and received two (2) sealed bid submittals. The Purchasing Department publically opened and read the sealed bids on August 11, 2017 at 11:00 am, local time. The bid tabulation for the bid is shown below.

Description	Binghamton Road Electric, LLC	Syracuse Signal Systems, Inc.
	Binghamton, NY	Syracuse , NY
Foundation Installation	\$11,900.00	\$10,902.00
Petro Contaminated Soil	\$3,700.00	\$1,830.40
Total	\$15,600.00	\$12,732.40

The Engineering and Purchasing Department reviewed the bid submittals for their responsiveness to the bid requirements. It is recommended that City Council award the bid for the installation of a Signal Pole Foundation at the Thompson Boulevard-Washington Street-Chestnut Street Intersection to **Syracuse Signal Systems, Inc. for \$12,732.40** as the lowest responsive responsible bidder. If there are any questions concerning this recommendation, please contact me at your convenience.

Res No. 3

August 15, 2017

To: The Honorable Mayor and City Council
From: Sharon Addison, City Manager
Subject: Change Order for Huntington Street Outfall Pipe Repair,
Acts II Construction

On November 7, 2016, City Council approved the bid from Acts II Construction in the amount of \$62,700 for the repair of the Huntington Street Outfall Pipe.

As detailed in City Engineer Justin L. Wood's attached report, the project was only recently completed as high river levels have delayed the work. Acts II Construction has submitted a Change Order representing some field changes made during the construction which resulted in a reduced scope of work credit in the amount of \$9,300, bringing the total contract amount to \$53,400.

Attached for Council consideration is a Resolution for this Change Order from Acts II Construction.

RESOLUTION

Page 1 of 1

Approving Change Order for Huntington Street
Outfall Pipe Repair, Acts II Construction

Council Member HORBACZ, Cody J.
 Council Member JENNINGS, Stephen A.
 Council Member MACALUSO, Teresa R.
 Council Member WALCZYK, Mark C.
 Mayor BUTLER, Jr., Joseph M.

Total

YEA	NAY

Introduced by

WHEREAS on November 7, 2016, City Council approved the bid submitted by Acts II Construction in the amount of \$62,700 for the repair of the Huntington Street Outfall Pipe, and

WHEREAS Acts II Construction has now submitted a Change Order in the decreased amount of \$9,300 for a reduced scope of work,

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Watertown approves the Change Order to the contract with Acts II Construction in the decreased amount of \$9,300 for the Huntington Street Outfall Pipe Repair, a copy of which is attached and made part of this Resolution, bringing the total contract amount to \$53,400, and

BE IT FURTHER RESOLVED that the City Manager, Sharon Addison, is hereby authorized and directed to sign the Change Order on behalf of the City of Watertown.

Seconded by



CITY OF WATERTOWN
ENGINEERING DEPARTMENT
MEMORANDUM

DATE: August 15, 2017

TO: Sharon Addison, City Manager

FROM: Justin Wood, City Engineer

SUBJECT: Huntington Street Outfall Pipe Repair – Change Order Credit

City Council awarded the Huntington Street Outfall Pipe Repair project to the lowest bidder, Acts II Construction, in the amount of \$62,700.00, on November 6, 2016. Due to high river levels in the fall of 2016, and through the spring and summer of 2017, that work was only recently completed, as of August 11, 2017.

The Engineering Department and the contractor agreed to make some field changes during construction, which resulted in a reduced scope of work and a credit from the contractor of \$9,300.00. This change order credit is being presented to Council for approval, which reduces the total contract value to \$53,400.00.

Please prepare a resolution for Council consideration.

cc: Jim Mills, City Comptroller
Amy Pastuf, City Purchasing Manager

Change Order

No. _____

Date of Issuance: _____ Effective Date: _____

Project: <u>HUNTINGTON ST OUTFALL</u>	Owner: <u>CITY OF WATERTOWN</u>	Owner's Contract No.: <u>PO # 201700307</u>
Contract: <u>JEFF HAMMOND CEI Proj MGR</u>	Date of Contract: <u>Nov 8TH, 2016</u>	
Contractor: <u>ACTS II CONSTRUCTION, INC</u>	Engineer's Project No.: _____	

The Contract Documents are modified as follows upon execution of this Change Order:

Description: LEAVE EXISTING HEADWALL AND PIPE IN PLACE, ADD CONCRETE PINNED TO ROCKS UP TO SPRING LINE OF PIPE

Attachments: (List documents supporting change): PROPOSAL 7/31/2-17
EMAIL 7/31/2017

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price: \$ <u>62,700.</u>	Original Contract Times: <input type="checkbox"/> Working days <input checked="" type="checkbox"/> Calendar days Substantial completion (days or date): <u>210</u> Ready for final payment (days or date): <u>285</u>
[Increase] [Decrease] from previously approved Change Orders No. <u>N/A</u> to No. _____: \$ <u>N/A</u>	[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____: Substantial completion (days): _____ Ready for final payment (days): _____
Contract Price prior to this Change Order: \$ <u>62,700.</u>	Contract Times prior to this Change Order: Substantial completion (days or date): _____ Ready for final payment (days or date): _____
[Increase] [Decrease] of this Change Order: \$ <u>9,300</u>	[Increase] [Decrease] of this Change Order: Substantial completion (days or date): <u>285</u> <u>ADD 75</u> Ready for final payment (days or date): <u>285</u>
Contract Price incorporating this Change Order: \$ <u>53,400.</u>	Contract Times with all approved Change Orders: Substantial completion (days or date): _____ Ready for final payment (days or date): _____

RECOMMENDED: By: _____ Engineer (Authorized Signature)	ACCEPTED: By: _____ Owner (Authorized Signature)	ACCEPTED: By: <u>[Signature]</u> Contractor (Authorized Signature)
Date: _____	Date: _____	Date: <u>8/9/17</u>
Approved by Funding Agency (if applicable): _____	Date: _____	Date: _____

ACTS II CONSTRUCTION, INC.

BUILDING BRIDGES FOR JESUS

July 31, 2017

Jeffrey C. Hammond
Civil Engineer 1
City of Watertown
245 Washington Street
Watertown, NY 13601

Re: Huntington Street Outfall

Jeff:

Per discussion this morning, we will revise the scope of work on the storm pipe as follows:

Leave existing pipe and retaining wall in place and form and pin mass concrete wall to fill existing void and support existing retaining wall.

Negotiated Credit of - \$9,300.00

Please issue a deduct change order, as directed we are proceeding with the new design.

Res No. 4

August 15, 2017

To: The Honorable Mayor and City Council

From: Michael A. Lumbis, Planning and Community Development Director

Subject: Finding that the Blight Removal Program (158 and 166 Academy Street) Will Not Have a Significant Negative Impact on the Environment

The City will use part of its 2014 Community Development Block Grant (CDBG) award to demolish two blighted structures on the 100-block of Academy Street. The City is proposing to demolish 158 and 166 Academy Street. The City Code Enforcement Bureau has condemned the former as a dangerous building. The latter, while not condemned, is also in very poor condition and is uninhabitable absent a complete upgrade. The cost to bring the structure to a basic liveable condition would be more than the value of the property after repairs. The intent of the project is to eliminate the structures to eliminate a threat to public safety and prevent the spread of blight to adjacent properties.

One of the requirements of the CDBG program is to prepare an Environmental Review Record for the Project. Part of the Environmental Review Record requires the City Council to evaluate the project's potential impact on the environment under the State Environmental Quality Review Act (SEQRA).

The City Council must complete Part 2, and Part 3 if necessary, of the Short Environmental Assessment Form and adopt the attached resolution so that it can be included in the Environmental Review Record. The attached resolution states that the proposed project will not have a significant impact on the environment.

Regarding Question 12, Staff initiated a consultation with the State Historic Preservation Organization (SHPO) which has concluded that this undertaking will not affect any historic or cultural resources.

Regarding Question 15, which deals with endangered species and their habitats, the entire City lies within the New York State Department of Environmental Conservation's (DEC) defined habitat for the Indiana Bat and within an area of confirmed summer and winter occurrences of the Northern Long-eared Bat. However, the nature of the project does not have the potential to affect either species or their habitats, and Staff is confident that a DEC letter is not necessary to aid Council in making a determination on Part 2 of the SEQR form.

RESOLUTION

Page 1 of 1

Finding that the Blight Removal Program (158 and 166 Academy Street) Will Not Have a Significant Negative Impact on the Environment

Introduced by

Council Member HORBACZ, Cody J.
 Council Member JENNINGS, Stephen A.
 Council Member MACALUSO, Teresa R.
 Council Member WALCZYK, Mark C.
 Mayor BUTLER, Joseph M. Jr.
 Total

YEA	NAY

WHEREAS the City of Watertown, New York, proposes to use Community Development Block Grant (CDBG) funds for a project known as the Blight Removal Program (158 and 166 Academy Street) which would consist of demolishing the blighted structures on those properties, and

WHEREAS the City Council must evaluate the proposed project under the State Environmental Quality Review Act (SEQRA), and the regulations promulgated pursuant thereto, in order to complete the Environmental Review Record for the project, and

WHEREAS the City Council has determined that the proposed project is an “Unlisted Action” as that term is defined in 6NYCRR Section 617.2, and

WHEREAS to aid the City Council in its determination as to whether the proposed project will have a significant effect on the environment, Part 1 of a Short Environmental Assessment Form has been prepared by Staff, a copy of which is attached and made part of this resolution,

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Watertown, New York, that:

1. Based upon its examination of the Short Environmental Assessment Form, in comparison with the proposed action with the criteria set forth in 6NYCRR Section 617.7, no significant impact on the environment is known and the approval of the proposed project will not have a significant negative impact on the environment.
2. The Mayor of the City of Watertown is authorized to execute the Environmental Assessment Form to the effect that the City Council is issuing a Negative Declaration under SEQRA.
3. This Resolution shall take effect immediately.

Seconded by

Short Environmental Assessment Form

Part 1 - Project Information

Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. 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.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information				
Name of Action or Project: Blight Removal Program (158 and 166 Academy Street Demolition)				
Project Location (describe, and attach a location map): 158 and 166 Academy Street, Watertown, NY 13601				
Brief Description of Proposed Action: The City of Watertown proposes to demolish two derelict structures on adjacent properties at the above addresses. The property at 158 Academy Street has been condemned as a dangerous structure by the City Code Enforcement Bureau and the interior is heavily contaminated with black mold. The property at 166 Academy Street is in very poor condition as well, and is uninhabitable without a complete upgrade. The cost to bring the structure to a basic livable condition would be more than the value of the property after repairs. The purposes of the proposed action are to eliminate a threat to public safety and prevent the spread of blight to adjacent properties.				
Name of Applicant or Sponsor: City of Watertown, New York		Telephone: (315) 785-7740 E-Mail: gurda@watertown-ny.gov		
Address: 245 Washington Street, Room 304				
City/PO: Watertown		State: New York	Zip Code: 13601	
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval: Demolition Permit, City of Watertown Code Enforcement Bureau			NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
3.a. Total acreage of the site of the proposed action?		0.25 acres		
b. Total acreage to be physically disturbed?		0.18 acres		
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		0.25 acres		
4. Check all land uses that occur on, adjoining and near the proposed action. <input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Parkland				

<p>18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?</p> <p>If Yes, explain purpose and size: _____</p> <p>_____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?</p> <p>If Yes, describe: _____</p> <p>_____</p> <p>_____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?</p> <p>If Yes, describe: _____</p> <p>The Environmental Protection Agency's NEPAAssist tool identifies the Dulles State Office Building as a Hazardous Waste site, but lists no violations, noncompliance, enforcement actions, or any other causes for concern over the last five years.</p> <p>_____</p>	<p>NO</p> <p><input type="checkbox"/></p>	<p>YES</p> <p><input checked="" type="checkbox"/></p>
<p>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</p> <p>Applicant/sponsor name: City of Watertown, New York Date: 8/16/17</p> <p>Signature: <i>Deborah A. White</i></p>		

Project:

Date:

Short Environmental Assessment Form

Part 2 - Impact Assessment

Part 2 is to be completed by the Lead Agency.

Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept “Have my responses been reasonable considering the scale and context of the proposed action?”

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will the proposed action result in a change in the use or intensity of use of land?	<input type="checkbox"/>	<input type="checkbox"/>
3. Will the proposed action impair the character or quality of the existing community?	<input type="checkbox"/>	<input type="checkbox"/>
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	<input type="checkbox"/>	<input type="checkbox"/>
6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will the proposed action impact existing: a. public / private water supplies? b. public / private wastewater treatment utilities?	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	<input type="checkbox"/>	<input type="checkbox"/>
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	<input type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	<input type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action create a hazard to environmental resources or human health?	<input type="checkbox"/>	<input type="checkbox"/>

Project: Date:

Short Environmental Assessment Form Part 3 Determination of Significance

For every question in Part 2 that was answered “moderate to large impact may occur”, or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

- Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.
- Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.

 Name of Lead Agency

 Date

 Print or Type Name of Responsible Officer in Lead Agency

 Title of Responsible Officer

 Signature of Responsible Officer in Lead Agency

 Signature of Preparer (if different from Responsible Officer)

PRINT FORM



Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

August 10, 2015

Mr. Jeffrey Polkowski
Planner
City of Watertown
245 Washington St.
Watertown, NY 13601

Re: CD
158 Academy Street Demolition
158 Academy Street, Watertown, NY 13601
15PR04487

Dear Mr. Polkowski:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, the New York SHPO has determined that no historic properties will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont

Deputy Commissioner for Historic Preservation



Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

July 13, 2017

Mr. Geoffrey Urda
Planner
City of Watertown
245 Washington Street
Room 304
Watertown, NY 13601

Re: CD
CDBG 166 Academy Street Demolition
166 Academy Street, Watertown, NY 13601
17PR04690

Dear Mr. Urda:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, the New York SHPO has determined that no historic properties will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Michael F. Lynch, P.E., AIA
Director, Division for Historic Preservation

Res No. 5

August 14, 2017

To: The Honorable Mayor and City Council

From: Michael A. Lumbis, Planning and Community Development Director

Subject: Approving the Site Plan for the Construction of a 640 Square-Foot Building Addition, a 2,300 Square-Foot Concrete Loading Dock and Associated Site Improvements at 830 Washington Street, Parcel Numbers 14-02-101.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000

Matthew R. Morgia, P.E. of Aubertine and Currier, PLLC, on behalf of Samaritan Medical Center, has submitted a request for the above subject Site Plan Approval.

The City Planning Board reviewed the request at its meeting held on August 1, 2017, and voted to recommend that the City Council approve the site plan as submitted. Attached is an excerpt from their meeting minutes.

The Staff Report prepared for the Planning Board, the Site Plan application, drawings and other related materials have all been previously sent to Council as part of the Planning Board agenda package. The complete application package can also be found in the online version of the City Council agenda.

The applicant has completed Part 1 of the Short Environmental Assessment Form (EAF), which is attached for Council review. Based on the applicant's answers in Part 1, the applicant was required to provide a letter from the Department of Environmental Conservation (DEC) that determines whether the proposed project has the potential to affect any endangered species or their habitats. The applicant has provided the attached letter as required to aid the Council in completing Part 2 of the Short EAF.

The City Council must respond to the questions in Part 2 of the Short EAF before it may vote on the resolution. The resolution prepared for City Council consideration states that the project will not have a significant negative impact on the environment and approves the site plan submitted to the City Engineering Department on July 18, 2017.

RESOLUTION

Page 1 of 3

Approving the Site Plan for the Construction of a 640 Square-Foot Building Addition and a 2,300 Square-Foot Concrete Loading Dock at 830 Washington Street, Parcel Numbers 14-02-101.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000

Council Member HORBACZ, Cody J.
 Council Member JENNINGS, Stephen A.
 Council Member MACALUSO, Teresa R.
 Council Member WALCZYK, Mark C.
 Mayor BUTLER, Jr., Joseph M.
 Total

YEA	NAY

Introduced by

WHEREAS Matthew R. Morgia, P.E. of Aubertine and Currier, PLLC, on behalf of Samaritan Medical Center, has submitted an application for Site Plan Approval for the construction of a 640 square-foot building addition, a 2,300 square-foot concrete loading dock and associated site improvements at 830 Washington Street, Parcel Numbers 14-02-101.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000, and

WHEREAS the Planning Board of the City of Watertown reviewed the site plan at its meeting held on August 1, 2017, and voted to recommend that the City Council of the City of Watertown approve the site plan with the following conditions:

1. The applicant shall add a Planning Data table to the site plan that contains all relevant zoning information and parking calculations.
2. The applicant shall label all ADA accessible parking spaces on the site plan.
3. The applicant shall expand the geographic area of topographic survey and site plan, depicted to such an extent that it includes, minimally, topographic information for the horseshoe-shaped drive aisle and abutting sidewalk to the immediate east of the parking areas proposed for reconstruction, performed and stamped by a licensed surveyor.
4. The applicant shall provide two additional shade trees in northern interior landscaped island that meet the criteria for interior parking lot landscaping as defined in the Landscaping and Buffer Zone Guidelines and shall update the planting schedule to reflect the species and quantities of all proposed plant material.
5. The applicant shall provide a letter from the neighboring property owner at 1010 Washington Street that authorizes the applicant to apply for site plan approval on the property owner’s behalf and authorizes the applicant to perform all proposed work on the property at 1010 Washington Street.

RESOLUTION

Page 2 of 3

Approving the Site Plan for the Construction of a 640 Square-Foot Building Addition and a 2,300 Square-Foot Concrete Loading Dock at 830 Washington Street, Parcel Numbers 14-02-101.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000

Council Member HORBACZ, Cody J.
Council Member JENNINGS, Stephen A.
Council Member MACALUSO, Teresa R.
Council Member WALCZYK, Mark C.
Mayor BUTLER, Jr., Joseph M.

Total

YEA	NAY

6. The applicant shall provide a letter from the DEC that determines whether the proposed project has the potential to affect any endangered or threatened species or their habitats.
7. The applicant shall obtain New York State Department of Health (DOH) approval for all proposed water main work and forward all correspondence with DOH to the City.
8. The applicant shall conduct water flow testing and install hydrants and marker rods in accordance with City standards.
9. The applicant must obtain the following permits, minimally, prior to construction: Building Permit and Storm Sewer Connection Permit.

And

WHEREAS the City Council has reviewed the Short Environmental Assessment Form, responding to each of the questions contained in Part 2, and has determined that the project, as submitted, is an Unlisted Action and will not have a significant impact on the environment,

NOW THEREFORE BE IT RESOLVED that it is an express condition of this Site Plan Approval that the applicant provide the City Engineer with a copy of any change in stamped plans forming the basis for this approval at the same time such plans are provided to the contractor. If plans are not provided as required by this condition of site plan approval, the City Code Enforcement Officer shall direct that work on the project site shall immediately cease until such time as the City Engineer is provided with the revised stamped plans. Additionally, any change in the approved plan, which, in the opinion of the City Engineer, would require Amended Site Plan Approval, will result in immediate cessation of the affected portion of the project work until such time as the amended site plan is approved. The City Code Enforcement Officer is requested to periodically review on-site plans to determine whether the City Engineer has been provided with plans as required by this approval, and

RESOLUTION

Page 3 of 3

Approving the Site Plan for the Construction of a 640 Square-Foot Building Addition and a 2,300 Square-Foot Concrete Loading Dock at 830 Washington Street, Parcel Numbers 14-02-101.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000

Council Member HORBACZ, Cody J.
Council Member JENNINGS, Stephen A.
Council Member MACALUSO, Teresa R.
Council Member WALCZYK, Mark C.
Mayor BUTLER, Jr., Joseph M.

Total

YEA	NAY

BE IT FURTHER RESOLVED by the City Council of the City of Watertown that Site Plan Approval is hereby granted to Matthew R. Morgia, P.E. of Aubertine and Currier, PLLC, on behalf of Samaritan Medical Center for the construction of a 640 square-foot building addition, a 2,300 square-foot concrete loading dock and associated site improvements at 830 Washington Street, Parcel Numbers 14-02-101.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000, as depicted on the site plan submitted to the City Engineer on July 18, 2017, contingent upon the applicant meeting the conditions listed above.

Seconded by:

SITE PLAN APPROVAL
830 WASHINGTON STREET – PARCEL NUMBERS 14-02-101.110, 14-08-111.000,
14-08-101.002 and 14-08-110.000

The Planning Board then considered a request submitted by Matthew R. Morgia, P.E. of Aubertine and Currier, PLLC, on behalf of Samaritan Medical Center, for the construction of a 640 square-foot building addition, a 2,300 square-foot concrete loading dock and associated site improvements at 830 Washington Street, Parcel Numbers 14-02-110.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000.

Mr. Morgia and Chris Bastien of Samaritan Medical Center were in attendance to represent the request.

Mr. Morgia began by introducing Mr Bastien. He then drew the Planning Board's attention to the site plan drawing and noted that the Planning Board saw this property a year ago for the planned Women and Children's addition. He identified Sherman Street and the former Pratt Street on the drawing and then pointed out the location of the proposed loading dock. He then identified the Samaritan Keep and Centennial Apartments on the drawing as well as the driveway that connected them to Washington Street.

Mr. Morgia then said that the proposed loading dock would be situated next to shipping and receiving in the back of the hospital. He then said that to accommodate trucks, the grade would need to change quite significantly. Mr. Morgia explained that trucks must be level and not on a steep slope, and said that modifying the grade of the pavement would require at least three feet of cut. He said that the large gray area on the site plan drawing represented the extent of reconstruction required to create a reasonable slope.

Mr. Morgia then noted that there are several utilities within the area proposed for reconstruction, including water and gas, and explained that with a three-foot cut, they would need to lower those utilities. Mr. Morgia then said that there were overhead electric lines in the project area that this site plan proposed to bury underground as part of the project. Mr. Morgia then said that the project would improve several other items, including curbing, sidewalks, handicap ramps, the gate to the physicians' lot, the retaining wall by the loading dock and the storm drains connecting to the former Pratt Street sewer.

Mr. Katzman then asked if the proposed project would have any negative impacts. Mr. Morgia replied that the reconstruction would affect through traffic. Mr. Morgia noted that the driveway connecting to Washington Street was not a through road, but that some motorists did use it as such. Mr. Katzman asked if the impacts would only occur during construction or if they would be long-term. Mr. Morgia replied that long-term traffic flow would remain the same, and the hospital would be able to fit two trucks on the dock with no impact to existing parking.

Mr. Morgia then went through the list of summary items on Staff's memorandum, one-by-one. He addressed the first summary item, which required the applicant to add a Planning Data table to the site plan that contained all relevant zoning information and parking

calculations. Mr. Morgia said that the drawing he brought for display at the Planning Board meeting had the table, and that he would submit an updated drawing to Staff with the table on it.

Mr. Morgia then addressed the second summary item, which required the applicant to label all ADA accessible parking spaces on the site plan. Mr. Morgia said that his team would update the drawing accordingly.

Mr. Morgia then addressed the third summary item, which required that the applicant expand the geographic area of topographic survey and site plan to include all the drive aisles and sidewalks adjacent to the project area. Mr. Morgia said that his team would make the change and explained to the Planning Board that the area Staff was concerned with stretched about 120 feet further east than the drawing's current extent.

Mr. Morgia then addressed the fourth summary item, which required the applicant to provide two additional shade trees in northern interior landscaped island and update the planting schedule to reflect the addition. Mr. Morgia said that the updated drawing would show the new trees as requested, and then pointed out two other existing trees that might need to be replaced, as they were directly over an electric line, and which the original site plan did not depict for removal.

Mr. Morgia then addressed the fifth summary item, which required the applicant to provide a letter from the neighboring property owner at 1010 Washington Street that authorizes the applicant to apply for site plan approval on the property owner's behalf and to perform all proposed work on the property. Mr. Morgia said that there is currently an easement by deed for ingress, egress, maintenance and construction. He then added that he was working on getting the required letter, but that the neighbor's representative has been on vacation.

Mr. Morgia then addressed the sixth summary item, which required the applicant to provide a letter from the New York State Department of Environmental Conservation (DEC) that determines whether the proposed project has the potential to affect any endangered or threatened species or their habitats. Mr. Morgia said that his team had contacted the DEC and were awaiting a response.

Mr. Morgia then addressed the seventh summary item, which required the applicant to obtain New York State Department of Health (DOH) approval for all proposed water main work and forward all correspondence with the DOH to the City. Mr. Morgia said that the DOH had responded and concluded that no review was necessary.

Mr. Morgia then addressed the eighth summary item, which required the applicant to conduct water flow testing and install hydrants and marker rods in accordance with City standards. Mr. Morgia said that his team would perform the required flow testing.

Mr. Morgia then addressed the ninth summary item, which identified all the permits the applicant would need to obtain prior to demolition and construction. Mr. Morgia then said that he acknowledged all of the listed permits. Mr. Morgia then said that the hospital hoped to begin construction in September.

Mr. Urda then said that with regard to the two trees over the electric line, Staff would look to verify that the applicant was providing five trees total in the parking lot under consideration. Mr. Urda explained that the two new trees that the summary item required, combined with three existing trees, brought the total to five. He added that if the applicant removed two of those existing trees, they would need to replace them as well adding two new trees to get the total number of trees to five, and that the applicant should work with Mr. DeMarco or Planning Director Michael Lumbis to satisfy this requirement.

Mr. Neddo then asked about the underground utility lines. Mr. Morgia then explained the series of proposed reconnections. Ms. Capone then asked about speed bumps and if they would slow traffic. Mr. Bastien replied that he hoped so. Mr. Katzman then asked about the potential for raised crosswalks. Mr. Morgia replied that there is not a lot of pedestrian traffic in the area, and those that did walk were mainly employees. He added that not having a bump was better for tractor-trailers.

Ms. Capone then asked if the dock had an elevation difference from the parking lot. Mr. Morgia replied that there was, but the elevation change would be spread over 320 feet, and that most motorists slowed down as they entered the parking lot anyway. Ms. Capone then asked if there would be new curbing. Mr. Morgia replied in the affirmative.

Mr. Neddo then asked if there would be any obstructions for tractor-trailers. Mr. Morgia replied that tractor-trailers would pull around the corner and back straight up and that there would be some conflict with traffic, but no worse than when they had to back into an active parking lot. Mr. Bastien added that it would be much safer than the existing setup where there is pedestrian traffic all morning as people were arriving.

Mr. Neddo then made a motion to recommend that City Council approve the request for Site Plan Approval submitted by Matthew R. Morgia, P.E. of Aubertine and Currier, PLLC on behalf of Samaritan Medical Center for the construction of a 640 square-foot building addition, a 2,300 square-foot concrete loading dock and associated site improvements at 830 Washington Street, Parcel Numbers 14-02-110.110, 14-08-111.000, 14-08-101.002 and 14-08-110.000, contingent upon the following:

1. The applicant shall add a Planning Data table to the site plan that contains all relevant zoning information and parking calculations.
2. The applicant shall label all ADA accessible parking spaces on the site plan.
3. The applicant shall expand the geographic area of topographic survey and site plan, depicted to such an extent that it includes, minimally, topographic information for the horseshoe-shaped drive aisle and abutting sidewalk to the immediate east of the parking areas proposed for reconstruction, performed and stamped by a licensed surveyor.
4. The applicant shall provide two additional shade trees in northern interior landscaped island that meet the criteria for interior parking lot landscaping as defined in the

Landscaping and Buffer Zone Guidelines and shall update the planting schedule to reflect the species and quantities of all proposed plant material.

5. The applicant shall provide a letter from the neighboring property owner at 1010 Washington Street that authorizes the applicant to apply for site plan approval on the property owner's behalf and authorizes the applicant to perform all proposed work on the property at 1010 Washington Street.
6. The applicant shall provide a letter from the DEC that determines whether the proposed project has the potential to affect any endangered or threatened species or their habitats.
7. The applicant shall obtain New York State Department of Health (DOH) approval for all proposed water main work and forward all correspondence with DOH to the City.
8. The applicant shall conduct water flow testing and install hydrants and marker rods in accordance with City standards.
9. The applicant must obtain the following permits, minimally, prior to construction: Building Permit and Storm Sewer Connection Permit.

Before anyone seconded the motion, Mr. Wood said that he wanted to discuss impervious surfaces and drainage flows as they related to Municipal Separated Storm Sewer (MS4) requirements. Mr. Wood explained that the Pratt Street storm sewer flowed south and collected water from many small parking lots where pollutants entered the storm sewer.

Mr. Wood said that you would likely start seeing projects under an acre need to start providing some level of stormwater treatment and detention, especially parking lots. Mr. Wood then said to Mr. Morgia and Mr. Bastien that their project did not hit the one-acre threshold for a Stormwater Pollution Prevention Plan (SWPPP), but he encouraged them to do something now so MS4 regulations would not box them in on any future projects.

Mr. Bastien replied that that was a great idea. Mr. Wood then said it was likely to be an issue the hospital would keep bumping up against. Mr. Katzman asked what the treatments were. Mr. Wood replied that it would be cyclonic catch basins like those on Factory Street, Public Square and Ten Eyck Street, and explained that it is a unit that water passes through and captures sediment.

Mr. Morgia then asked if water quantity or water quality was the primary concern. Mr. Wood replied that they are both worth considering.

Ms. Capone then seconded the motion and all voted in favor.

Mr. Urda then said that while the next regularly scheduled City Council meeting was August 7, which was only six days away, meaning it was unlikely that the applicant would have all necessary correspondence in time for the project to appear on that Council agenda. Mr. Urda then said that the Council could consider the application at its August 21 meeting, provided applicant had the required letters by August 15, when that agenda would need to be finalized.

Mr. Morgia then asked if the summary items requiring letters meant the letters were needed before City Council could approve the site plan or if they were needed for the permitting process. Mr. Urda replied that the Council would need the DEC letter. Mr. Urda explained that the Council would need to complete Part 2 of the Short Environmental Assessment Form (EAF) before it could vote on the site plan, and that the Council would need the DEC letter to make a determination regarding endangered species on Part 2 of the EAF. Mr. Urda then added that the letter from the neighboring property owner could wait until permitting.

Short Environmental Assessment Form

Part 1 - Project Information

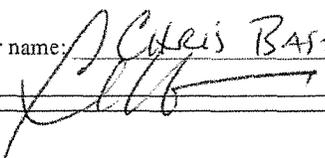
Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. 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.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information							
Name of Action or Project: Samaritan Medical Center Secondary Loading Dock Project							
Project Location (describe, and attach a location map): City of Watertown Tax Parcel No.'s 14-02-101.110, 14-08-110, 14-08-111, and 14-08-101.002							
Brief Description of Proposed Action: Action includes the construction of a 640 SF Loading Dock Addition and Concrete ramp located along the southern wall of the western service wing of SMC, connecting to the Former Pratt Street. Construction includes the regrading and reconstruction of adjacent parking areas, access drives and storm sewer system. Site Utility improvements include the relocation of existing domestic water, natural gas, and overhead primary electric and communications.							
Name of Applicant or Sponsor: Samaritan Medical Center, Attn: Chris Bastien, Assistant VP Support Services		Telephone: 315-782-6866 E-Mail: cbastien@shsny.com					
Address: 830 Washington Street							
City/PO: Watertown		State: New York	Zip Code: 13601				
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">NO</th> <th style="width: 50%;">YES</th> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	NO	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO	YES						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval: Planning Board referral and City Council approval			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">NO</th> <th style="width: 50%;">YES</th> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input checked="" type="checkbox"/>
NO	YES						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
3.a. Total acreage of the site of the proposed action?		_____ 0.94 acres					
b. Total acreage to be physically disturbed?		_____ 0.94 acres					
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		_____ 17.4 acres					
4. Check all land uses that occur on, adjoining and near the proposed action.							
<input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input checked="" type="checkbox"/> Other (specify): <u>Medical Center/Hospital</u> <input type="checkbox"/> Parkland							

5. Is the proposed action, a. A permitted use under the zoning regulations?	NO	YES	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	NO	YES	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Are public transportation service(s) available at or near the site of the proposed action?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ Addition does not require any connections to the wastewater system	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Is the proposed action located in an archeological sensitive area?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input checked="" type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban			
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. Is the project site located in the 100 year flood plain?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Will connect to the existing City of Watertown Municipal Storm Sewer System _____	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size: _____ _____ _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____ _____ _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____ See Attached Summary _____ _____	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
<p>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</p> <p>Applicant/sponsor name: <u>Chris Bastien</u> Date: <u>7-19-17</u></p> <p>Signature: <u></u></p>		

Project:

Date:

**Short Environmental Assessment Form
Part 2 - Impact Assessment**

Part 2 is to be completed by the Lead Agency.

Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will the proposed action result in a change in the use or intensity of use of land?	<input type="checkbox"/>	<input type="checkbox"/>
3. Will the proposed action impair the character or quality of the existing community?	<input type="checkbox"/>	<input type="checkbox"/>
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	<input type="checkbox"/>	<input type="checkbox"/>
6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will the proposed action impact existing:	<input type="checkbox"/>	<input type="checkbox"/>
a. public / private water supplies?	<input type="checkbox"/>	<input type="checkbox"/>
b. public / private wastewater treatment utilities?	<input type="checkbox"/>	<input type="checkbox"/>
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	<input type="checkbox"/>	<input type="checkbox"/>
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	<input type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	<input type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action create a hazard to environmental resources or human health?	<input type="checkbox"/>	<input type="checkbox"/>

Project: _____
 Date: _____

**Short Environmental Assessment Form
 Part 3 Determination of Significance**

For every question in Part 2 that was answered “moderate to large impact may occur”, or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

- Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.
- Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.

Name of Lead Agency	Date
Print or Type Name of Responsible Officer in Lead Agency	Title of Responsible Officer
Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)

PRINT FORM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 6

Dulles State Office Building, 317 Washington Street, Watertown, NY 13601-3787

P: (315) 785-2245 | F: (315) 785-2242

www.dec.ny.gov

August 2, 2017

Timothy F. Titus
Aubertine and Currier
522 Bradley Street
Watertown, NY 13601

Re: Initial SEQR Information Request
Samaritan Medical Center
Secondary Loading Dock Project (A&C Project#2017-099.001)
Tax Map Parcel 14-02-101.110, Former Pratt Street, City of Watertown

Dear Mr. Titus:

We received your letter dated July 28, 2017, in which you requested information on the possible existence of threatened or endangered species within the above referenced project site. On behalf of the New York State Department of Environmental Conservation (DEC), I reviewed our databases for this location.

The Samaritan Medical Center area is listed as potential habitat for the New York State listed threatened northern long-eared bat (*Myotis septentrionalis*), and threatened pied-billed grebe (*Podilymbus podiceps*).

Impacts to the northern long-eared bat depend on the nature of the project. If tree removal for this project is required, trees should be removed during the period of November 1st to March 31st. Because this project is within 5 miles of a known northern long-eared bat hibernaculum, the removal of snag or cavity trees between April 1st and October 31st may require a DEC permit.

The pied-billed grebe requires open water for habitat, with no suitable habitat existing on the project site. This project will have no impact on the pied-billed grebe.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

Coverage under the State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activities will be required if this project results in a disturbance of a total of one acre or more of soil.

Our databases are continuously being updated and amended. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Thank you for contacting DEC about this project. If you have any questions with this letter, feel free to contact me directly.

Sincerely,

A handwritten signature in black ink that reads "Ben Shubert". The signature is written in a cursive style with a horizontal line extending from the end of the name.

Ben Shubert
Environmental Analyst
benjamin.shubert@dec.ny.gov
315-785-2248

July 18, 2017

City of Watertown
Justin Wood, P.E., City Engineer
Room 305, City Hall
245 Washington Street
Watertown, NY 13601

Re: **Site Plan Review Application**
Secondary Loading Dock Project
Samaritan Medical Center (A&C #2017-099.001)
830 Washington Street, Watertown, NY

Dear Mr. Wood:

Aubertine and Currier Architects, Engineers & Land Surveyors, PLLC on behalf of Samaritan Medical Center (SMC) is requesting to be included on the agenda for the August City of Watertown Planning Board meeting for a proposed building addition to the existing Samaritan Medical Center, located at 830 Washington Street, on Tax Parcel No. 14-02-101.110. Included with this cover letter is a review fee check for \$50.00, sixteen (16) copies of the letter, Site Plan Application, Short SEQR Environmental Assessment Form, and three (3) copies of the Engineering Report. Also attached are three (3) full size and thirteen (13) 11"x17" copies of the Preliminary Site Plans and Preliminary Building Floor Plans and Elevations.

The proposed Secondary Loading Dock Addition and Parking Area Reconstruction will be located along the southern wall of the western service wing of the existing building, near the intersection of Sherman Street and the Former Pratt Street. This project consists of 640 sf building addition, 2,650 sf concrete ramp and the reconstruction of approximately 27,000 sf of existing parking areas and access drives. Construction will also include the relocation of existing domestic water, natural gas, and overhead primary electric and communications.

SMC intends to begin site construction in the Fall of 2017, continue with building construction through the winter months, and complete construction in time for April 2018 operation. If there are any questions, please feel free to contact our office at your earliest convenience.

If there are any questions, please feel free to contact our office at your earliest convenience.

Sincerely,
Aubertine and Currier Architects, Engineers & Land Surveyors, PLLC



Matthew R. Morgia, P.E.
Civil Engineer

Attachments

Cc: Mr. Chris Bastien, Samaritan Medical Center



NYS WBE/DBE Certified
SBA Woman Owned
Small Business (WOSB)

aubertinecurrier.com

522 Bradley Street
Watertown, New York 13601

Phone: 315.782.2005

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Structural Engineer

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Architect

Patrick J. Currier, R.A.
Architect

Brian A. Jones, AIA.,
LEED AP BD+C
Architect

Matthew R. Morgia, P.E.
Civil Engineer

Jayson J. Jones, P.L.S.
Land Surveyor



1869

CITY OF WATERTOWN SITE PLAN APPLICATION

** Provide responses for all sections. INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED. Failure to submit required information by the submittal deadline will result in **not** making the agenda for the upcoming Planning Board meeting.

PROPERTY LOCATION

Proposed Project Name: Samaritan Medical Center Secondary Loading Dock
Tax Parcel Number: 14-02-101.110
Property Address: 830 Washington Street
Existing Zoning Classification: HS-Health Services

OWNER OF PROPERTY

Name: Samaritan Medical Center, Attn.: Chris Bastien, Assistant VP Supporting Services
Address: 830 Washington Street
Watertown, NY 13601
Telephone Number: 315-782-6866
Fax Number: 315-785-4292

APPLICANT

Name: Aubertine and Currier PLLC, Attn.: Matt Morgia P.E., Engineer
Address: 522 Bradley Street
Watertown, NY 13601
Telephone Number: 315-782-2005
Fax Number: 315-782-1472
Email Address: mrm@aubertinecurrier.com

ENGINEER/ARCHITECT/SURVEYOR

Name: Aubertine and Currier PLLC
Address: 522 Bradley Street
Watertown, NY 13601
Telephone Number: 315-782-2005
Fax Number: 315-782-1472
Email Address: mrm@aubertinecurrier.com

OPTIONAL MATERIALS:

- PROVIDE AN ELECTRONIC (.DWG) COPY OF THE SITE PLAN WITH AS-BUILT REVISIONS. This will assist the City in keeping our GIS mapping up-to-date.**

REQUIRED MATERIALS:

** The following drawings with the listed information **ARE REQUIRED, NOT OPTIONAL**. If the required information is not included and/or addressed, the Site Plan Application will **not** be processed.

- COMPLETED ENVIRONMENTAL ASSESSMENT FORM** (Contact us if you need help choosing between the Short EAF and the Full EAF):
<http://www.dec.ny.gov/permits/6191.html>
- ELECTRONIC COPY OF ENTIRE SUBMISSION** (PDF preferred)
- BOUNDARY & TOPOGRAPHIC SURVEY**
(Depict existing features as of the date of the Site Plan Application. This Survey and Map must be performed and created by a Professional Land Surveyor licensed and currently registered to practice in the State of New York. This Survey and Map must be stamped and signed with an original seal and signature on at least one copy, the rest may be copies thereof.)
 - All elevations are National Geodetic Vertical Datum of 1929 (NGVD29). NAVD88
 - 1' contours are shown & labeled with appropriate spot elevations.
 - All existing features on and within 50 feet of the subject property are shown and labeled.
 - All existing utilities on and within 50 feet of the subject property are shown and labeled.
 - All existing easements and/or right-of-ways are shown and labeled.
 - Existing property lines (bearings & distances), margins, acreage, zoning, existing land use, reputed owner, adjacent reputed owners & tax parcel numbers are shown and labeled.
 - The north arrow & graphic scale are shown.
- DEMOLITION PLAN** (If Applicable)
 - All existing features on and within 50 feet of the subject property are shown and labeled.
 - All items to be removed are labeled in darker text.

■ SITE PLAN

- All proposed above ground features are depicted and clearly labeled.
- All proposed features are clearly labeled “proposed”.
- N/A All proposed easements & right-of-ways are shown and labeled.
- Land use, zoning, & tax parcel number are shown.
- The Plan is adequately dimensioned including radii.
- The line work & text for all proposed features is shown darker than existing features.
- All vehicular & pedestrian traffic circulation is shown including a delivery or refuse vehicle entering and exiting the property.
- Proposed parking & loading spaces including ADA accessible spaces are shown and labeled.
- N/A Refuse Enclosure Area (Dumpster), if applicable, is shown. Section 161-19.1 of the Zoning Ordinance states, “No refuse vehicle or refuse container shall be parked or placed within 15 feet of a party line without the written consent of the adjoining owner, if the owner occupies any part of the adjoining property”.
- The north arrow & graphic scale are shown.

■ GRADING PLAN

- All proposed below ground features including elevations & inverts are shown and labeled.
- All proposed above ground features are shown and labeled.
- The line work & text for all proposed features is shown darker than existing features.
- All proposed easements & right-of-ways are shown and labeled.
- 1’ existing contours are shown dashed & labeled with appropriate spot elevations.
- 1’ proposed contours are shown & labeled with appropriate spot elevations.
- All elevations are National Geodetic Vertical Datum of 1929 (NGVD29). NAVD88

- Sediment & Erosion control are shown & labeled on the grading plan unless separate drawings have been provided as part of a Stormwater Pollution Prevention Plan (SWPPP).

■ UTILITY PLAN

- All proposed above & below ground features are shown and labeled.
- All existing above & below ground utilities including sanitary, storm water, water, electric, gas, telephone, cable, fiber optic, etc. are shown and labeled.
- All proposed easements & right-of-ways are shown and labeled.
- The Plan is adequately dimensioned including radii.
- The line work & text for all proposed features is shown darker than existing features.
- The following note has been added to the drawings stating, “All water main and service work must be coordinated with the City of Watertown Water Department. The Water Department requirements supersede all other plans and specifications provided.”

■ LANDSCAPING PLAN

- All proposed above ground features are shown and labeled.
- All proposed trees, shrubs, and other plantings are shown and labeled.
- All proposed landscaping & text are shown darker than existing features.
- All proposed landscaping is clearly depicted, labeled and keyed to a plant schedule that includes the scientific name, common name, size, quantity, etc.
- For additional landscaping requirements where nonresidential districts and land uses abut land in any residential district, please refer to Section 310-59, Landscaping of the City’s Zoning Ordinance.
- **Site Plan complies with and meets acceptable guidelines set forth in Appendix A - Landscaping and Buffer Zone Guidelines (August 7, 2007).**

■ PHOTOMETRIC PLAN (If Applicable)

- All proposed above ground features are shown.
- Photometric spot elevations or labeled photometric contours of the property are clearly depicted. Light spillage across all property lines shall not exceed 0.5 foot-candles.

■ CONSTRUCTION DETAILS & NOTES

- All details and notes necessary to adequately complete the project including, but not limited to, landscaping, curbing, catch basins, manholes, water line, pavement, sidewalks, trench, lighting, trash enclosure, etc. are provided.
- N/A Maintenance & protection and traffic plans & notes for all required work within City streets including driveways, water laterals, sanitary laterals, storm connections, etc. are provided.
- The following note must be added to the drawings stating:
“All work to be performed within the City of Watertown margin will require sign-off from a Professional Engineer, licensed and currently registered to practice in the State of New York, that the work was built according to the approved site plan and applicable City of Watertown standards. Compaction testing will be required for all work to be performed within the City of Watertown margin and must be submitted to the City of Watertown Codes Department.”

■ PRELIMINARY ARCHITECTURAL PLANS (If Applicable)

- Floor plan drawings, including finished floor elevations, for all buildings to be constructed are provided.
- Exterior elevations including exterior materials and colors for all buildings to be constructed are provided.
- Roof outline depicting shape, slope and direction is provided.

■ ENGINEERING REPORT

**** The engineering report at a minimum includes the following:**

- Project location
- Project description
- Existing & proposed sanitary sewer flows & summary
- Water flows & pressure
- Storm Water Pre & Post Construction calculations & summary
- Traffic impacts
- Lighting summary
- Landscaping summary

■ GENERAL INFORMATION

ALL ITEMS ARE STAMPED & SIGNED WITH AN ORIGINAL SIGNATURE BY A PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR SURVEYOR LICENSED AND CURRENTLY REGISTERED TO PRACTICE IN THE STATE OF NEW YORK.

If required, a copy of the Stormwater Pollution Prevention Plan (SWPPP) submitted to the NYSDEC will also be sent to the City of Watertown Engineering Department.

** If required, a copy of all submittals sent to the New York State Department of Environmental Conservation (NYSDEC) for the sanitary sewer extension permit will also be sent to the City of Watertown Engineering Department.

** If required, a copy of all submittals sent to the New York State Department of Health (NYSDOH) will also be sent to the City of Watertown Engineering Department.

** When NYSDEC or NYSDOH permitting is required, the property owner/applicant shall retain a licensed Professional Engineer to perform inspections of the proposed utility work and to certify the completed works were constructed in substantial conformance with the approved plans and specifications.

Signage will not be approved as part of this submission. It requires a sign permit from the Codes Department. See Section 310-52.2 of the Zoning Ordinance.

Plans have been collated and properly folded.

If an applicant proposes a site plan with multiple buildings and any of those buildings front on a private drive, the City Council will name the private drive by resolution and the building(s) will be given an address number on that private drive by City staff. The applicant may propose a name for the private drive for the City Council's consideration.

Proposed Street Name: _____

Explanation for any item not checked in the Site Plan Checklist.

Short Environmental Assessment Form

Part 1 - Project Information

Instructions for Completing

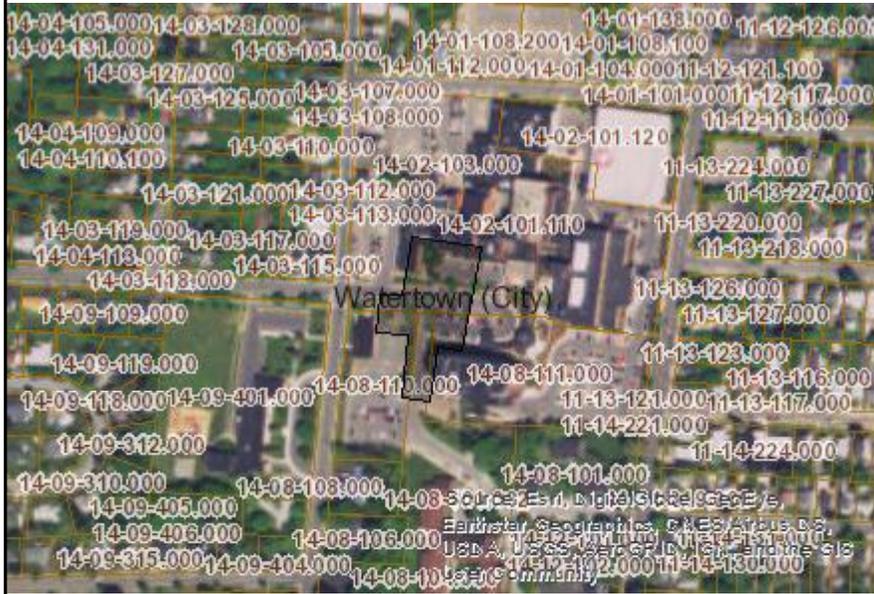
Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information			
Name of Action or Project: Samaritan Medical Center Secondary Loading Dock Project			
Project Location (describe, and attach a location map): City of Watertown Tax Parcel No.'s 14-02-101.110, 14-08-110, 14-08-111, and 14-08-101.002			
Brief Description of Proposed Action: Action includes the construction of a 640 SF Loading Dock Addition and Concrete ramp located along the southern wall of the western service wing of SMC, connecting to the Former Pratt Street. Construction includes the regrading and reconstruction of adjacent parking areas, access drives and storm sewer system. Site Utility improvements include the relocation of existing domestic water, natural gas, and overhead primary electric and communications.			
Name of Applicant or Sponsor: Samaritan Medical Center, Attn: Chris Bastien, Assistant VP Support Services		Telephone: 315-782-6866	
		E-Mail: cbastien@shsny.com	
Address: 830 Washington Street			
City/PO: Watertown		State: New York	Zip Code: 13601
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.		NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval: Planning Board referral and City Council approval		NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
3.a. Total acreage of the site of the proposed action?		0.94 acres	
b. Total acreage to be physically disturbed?		0.94 acres	
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		17.4 acres	
4. Check all land uses that occur on, adjoining and near the proposed action. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input checked="" type="checkbox"/> Other (specify): <u>Medical Center/Hospital</u> <input type="checkbox"/> Parkland			

5. Is the proposed action, a. A permitted use under the zoning regulations?	NO	YES	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____ _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation service(s) available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ Addition does not require any connections to the wastewater system	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places? b. Is the proposed action located in an archeological sensitive area?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input checked="" type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban			
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. Is the project site located in the 100 year flood plain?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Will connect to the existing City of Watertown Municipal Storm Sewer System _____ _____	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<p>18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size: _____ _____ _____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____ _____ _____</p>	<p>NO</p> <p><input checked="" type="checkbox"/></p>	<p>YES</p> <p><input type="checkbox"/></p>
<p>20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____ See Attached Summary _____ _____</p>	<p>NO</p> <p><input type="checkbox"/></p>	<p>YES</p> <p><input checked="" type="checkbox"/></p>
<p>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</p> <p>Applicant/sponsor name: _____ Date: _____</p> <p>Signature: _____</p>		



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National Register of Historic Places]	No
Part 1 / Question 12b [Archeological Sites]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	No
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 16 [100 Year Flood Plain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
Part 1 / Question 20 [Remediation Site]	Yes

SHORT EAF SUMMARY REPORT:

The Short EAF was completed utilizing the online NYSDEC EAF Mapper. The Mapper will provide yes or no answers to certain parts of the Short EAF. If the mapper answered yes to any of the questions, supplemental information was provided below.

Narrative Description for Part 1; Questions 15.

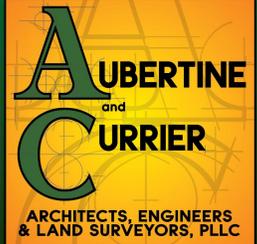
If the question was answered “yes” the proposed action or lands may contain a species of animal, or associated habitats, listed by the State or Federal government and threatened or endangered.

Reviewing several online resources including NYSDEC, NY Natural Heritage and US Fish and Wildlife Services, the project site may be in a general location that may contain threatened and endangered species. However this does not mean that they are located on the specific project site. Local municipality may have further information if the project site contains any threatened or endangered species.

Narrative Description for Part 1; Questions 20.

If the question was answered “yes” the proposed action or lands may be within a 2,000 foot buffer of a (ongoing or completed) remediation project of hazard waste.

Reviewing the online NYSDEC Environmental Navigator, it appears that there was a Voluntary Cleanup Program Site located near the intersection of Washington Street and Chestnut Street. This site is located approximately 1,700 feet away from the proposed action.



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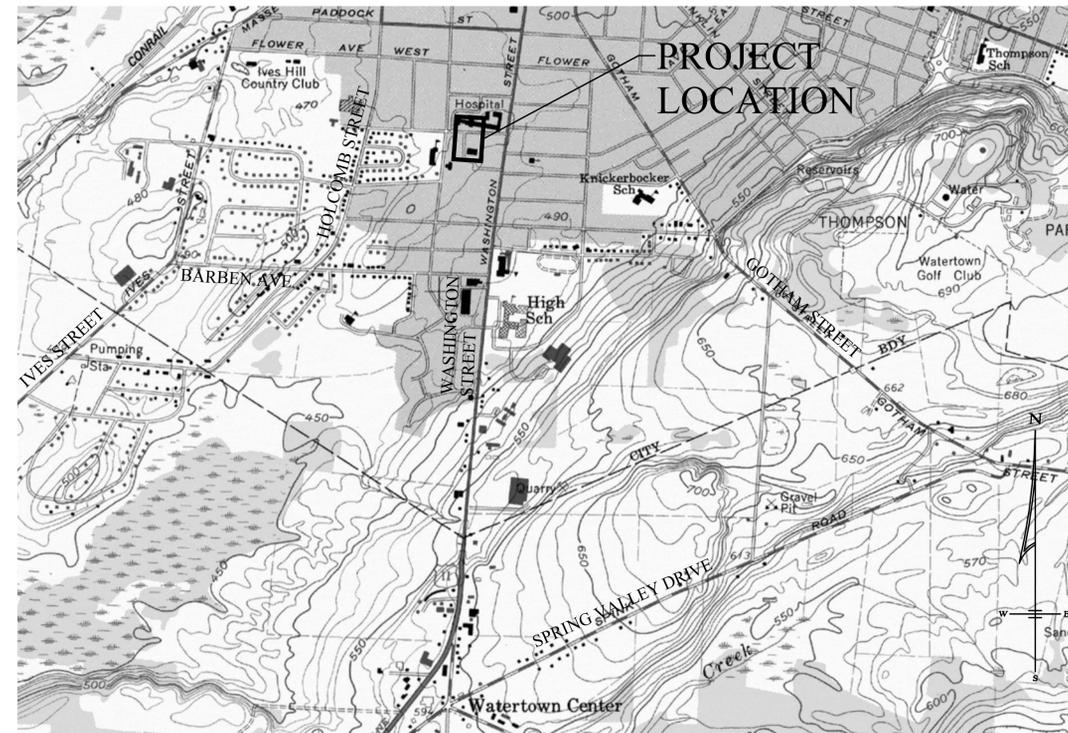
Jayson J. Jones, P.L.S.
Land Surveyor

SAMARITAN MEDICAL CENTER SECONDARY LOADING DOCK PROJECT

CITY OF WATERTOWN

JEFFERSON COUNTY, STATE OF NEW YORK

PRELIMINARY SITE PLAN REVIEW: 07/18/2017



OWNER

SAMARITAN MEDICAL CENTER
ATTN: CHRIS BASTIEN
830 WASHINGTON STREET
WATERTOWN, NEW YORK 13601
TELE: (315) 782-6866
FAX: (315) 785-4292

ARCHITECT and CIVIL/SITE ENGINEER

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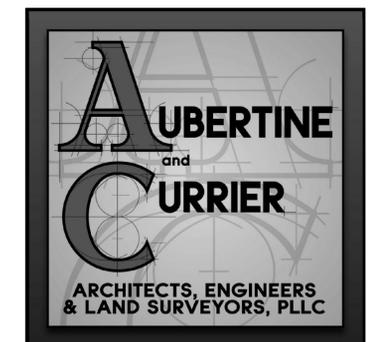
MECHANICAL and ELECTRICAL

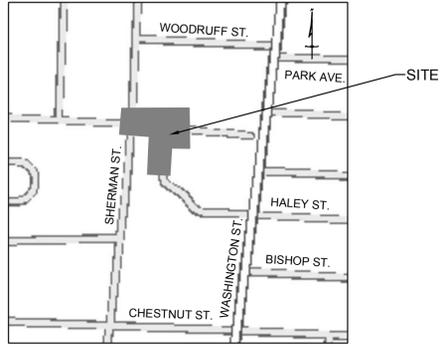
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FAX: (888) 999-9672
www.jstoneeng.com

INDEX OF DRAWINGS

VF-101	TOPOGRAPHIC SURVEY MAP OF A PORTION OF THE LANDS OF SAMARITAN MEDICAL CENTER
CD-101	EXISTING CONDITIONS AND DEMOLITION PLAN
CS-101	SITE AND LANDSCAPING PLAN
CG-101	GRADING PLAN
CG-102	EROSION AND SEDIMENT CONTROL PLAN
CU-101	UTILITY PLAN
CS-200	LOADING DOCK CENTERLINE PROFILE
CS-201	RETAINING WALL PROFILE AND SECTION
CP-101	SITE PHOTOMETRIC LIGHTING PLAN
CT-101	VEHICLE CIRCULATION PLAN
CS-500	SITE DETAILS
CS-501	SITE DETAILS
CS-502	CONCRETE PAVING DETAILS
CG-500	STORM SEWER DETAILS
CG-501	EROSION AND SEDIMENT CONTROL DETAILS
CU-500	WATER DETAILS
CU-501	SITE ELECTRICAL AND NATURAL GAS DETAILS
A-100	PRELIMINARY FLOOR PLAN AND ELEVATIONS

FOR APPROVALS ONLY
NOT FOR CONSTRUCTION





LOCATION MAP
NOT TO SCALE

STANDARD NOTES:

1. Unauthorized alteration or addition to a boundary survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub-division 2, of the New York State Education Law.
2. Only boundary survey maps with the surveyor's embossed seal or red ink seal are genuine true and correct copies of the surveyor's original work and opinion.
3. Certifications on this boundary survey map signify that the map was prepared in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. The certification is limited to persons for whom the boundary survey map is prepared, to the title company, to the governmental agency, and to the lending institution listed on this boundary survey map.
4. The certifications hereon are not transferable.
5. The location of underground improvements or encroachments are not always known and often must be estimated. Underground improvements or encroachments if any, are not covered by this certificate.

GENERAL NOTES:

1. The subject parcels are portions of City of Watertown Real Property Tax Parcel Nos. 14-02-101.110, 14-08-101.002, 14-08-110, and 14-08-111
2. All adjoiners are per the City of Watertown Real Property Office.
3. Adjoining property lines should be considered approximate and are shown for reference only.
4. This survey was prepared without the benefit of an abstract of title and is subject to any modifications which may occur as a result of a complete title search.
5. The underground utilities and features shown hereon have been located from above ground visible features and other available records and therefore their location should be considered approximate only. Other underground utilities and features may exist, either in service or abandoned, that are not indicated on this survey. Dig Safely New York (UFFO) should be contacted prior to performing any excavation activities.
6. The field survey was performed on June 20, 21, and 23, 2017.
7. Sherman Street is a public road with a reputed width of 50 feet.
8. Pratt Street is a public road with a reputed width of 55.42 feet.
9. Underground utilities are shown per record drawings, previous mapping, and field evidence.
10. The Horizontal Datum for this survey is based on NYS Central Zone NAD83(2011) (North American Datum 1983/2011).
11. The Vertical Datum for this survey is based on the North American Vertical Datum of 1988 (NAVD88).

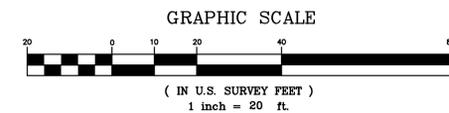
MAP REFERENCE:

1. "Access Agreement Plat, Survey of a Portion of the Land of Samaritan Medical Center, City of Watertown, County of Jefferson, State of New York," dated April 02, 2009, prepared by The Bernier Carr Group.
2. "Subdivision Final Plat, Survey of the Land of Samaritan Medical Center, Main Hospital Campus & Woodruff Street Parking Lot, Washington Street & Woodruff Street, City of Watertown, County of Jefferson, State of New York," dated February 19, 2009 and last revised March 12, 2009, prepared by The Bernier Carr Group.
3. "Topographic Survey of a Portion of Samaritan Keep Nursing Home, 133 Pratt Street, City of Watertown, Jefferson County, New York," dated January 25, 2016, prepared by Aubertine and Currier Architects, Engineers & Land Surveyors, PLLC.



LEGEND

	CONTROL POINT
	BENCHMARK
	IRON PIN/PIPE (As Noted)
	LEGAL POINT
	MAJOR CONTOUR
	MINOR CONTOUR
	PROPERTY LINE
	STREET MARGIN
	EASEMENT LINE
	EDGE OF PAVEMENT
	EDGE OF GRAVEL
	PAVEMENT CUTS
	CURB LINE
	CHAIN LINK FENCELINE
	WATER LINE
	SANITARY SEWER LINE
	STORM SEWER LINE
	NATURAL GAS LINE
	OVERHEAD UTILITY LINE
	UNDERGROUND UTILITY LINE
	TREES
	FIRE HYDRANT
	WATER VALVE
	SANITARY SEWER MANHOLE
	STORM DRAINAGE MANHOLE
	CATCHBASIN
	RIPRAP
	UTILITY POLE
	LIGHT POLE
	ELECTRIC ENTRANCE
	ELECTRIC HANDHOLE
	VERTICAL UTILITY PIPE
	SIGN
	SIGN POST
	BOLLARD



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Watertown, New York 13601

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TOPOGRAPHIC SURVEY MAP OF a PORTION of the LANDS of SAMARITAN MEDICAL CENTER
830 WASHINGTON STREET
CITY of WATERTOWN
JEFFERSON COUNTY, NEW YORK

PROJECT NO:	2017-099.002
SCALE:	1"=20'
DRAWN BY:	J.D.B.
CHECKED BY:	O.D.L.
ISSUE DATES:	June 29, 2017

2017-099.002.LDTB-VF-SBO01.DWG

VF-101

Plot Date: June 29, 2017 - 3:03pm
Filename: 2017-099.002.LDTB-VF-SBO01.DWG
Coordinate System: NAD83 New York State Plane, Central Zone, US Foot
Sheet #: 24 x 30 AC Survey
24 x 36 AC Survey

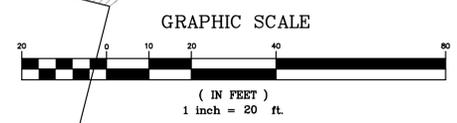


TAX MAP PARCEL
14-02-101.110
SAMARITAN MEDICAL CENTER



LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL	PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	---	---
SANITARY SEWER	---	---
STORM SEWER	---	---
OVERHEAD UTILITIES	---	---
UNDERGROUND UTILITIES	---	---
UNDERGROUND ELECTRIC	---	---
GAS	---	---
COMMUNICATION	---	---
SANITARY MANHOLE	⊙	⊙
STORM MANHOLE	⊙	⊙
CATCH BASIN	⊙	⊙
FIRE HYDRANT	⊙	⊙
WATER VALVE	⊙	⊙
CURB STOP	⊙	⊙
GAS METER	⊙	⊙
ELECTRIC METER	⊙	⊙
UTILITY POLE	⊙	⊙
LIGHT POLE	⊙	⊙
SIGN	⊙	⊙
BOLLARD	⊙	⊙
TREES	⊙	⊙

- GENERAL NOTES:**
- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. PRIOR TO CONSTRUCTION CONTACT UNDERGROUND UTILITIES CALL CENTER OF NEW YORK FOR EXACT LOCATION OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND WORKING WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION.
 - THE ON-SITE TOPOGRAPHIC, UTILITY, AND PLANNIMETRIC SURVEY FOR THE PROJECT AREA WAS CONDUCTED BY AUBERTINE AND CURRIER, PLLC IN JUNE OF 2017. UTILITY LOCATIONS WERE PLOTTED FROM DRAWINGS OF MULTIPLE PROJECTS THAT ARE ON FILE IN THE CITY ENGINEERING DEPARTMENT. VERTICAL DATUM IS BASED ON NAVD83 DATUM AND THE HORIZONTAL DATUM IS BASED ON NAD83 (2011).
 - ALL OUT-OF-SCOPE AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS WILL BE RESTORED TO CONDITIONS EQUAL TO OR BETTER THAN THAT PRIOR TO CONSTRUCTION. OUTSIDE OF PROPERTY BOUNDARIES AND ASSESSMENT AREAS THE CONTRACTOR IS REMINDED THAT HE MUST OBTAIN WRITTEN AUTHORIZATION TO USE PRIVATE PROPERTY AND ASSUMES ALL LIABILITY HIMSELF.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CHARACTERISTICS AND EXTENT OF SUBSURFACE SOILS, ROCK, WATER TABLE LEVELS, ETC., PRIOR TO BIDDING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND BONDS NECESSARY TO OBTAIN SAID PERMITS WHERE APPLICABLE.
 - SITE CONTRACTOR TO PROVIDE EROSION AND DUST CONTROL AS REQUIRED.
 - A LICENSED LAND SURVEYOR SHALL BE RETAINED FOR ALL UTILITY AND FIELD STAKEOUT AT THE CONTRACTOR'S EXPENSE.
 - PAVED AREAS WILL BE SAWCUT PRIOR TO EXCAVATION AND PAVING OPERATIONS. SAW CUT AREAS WILL BE TACK COATED PRIOR TO PAVING. TACK COAT SHALL MEET THE REQUIREMENTS OF ASPHALT OF ASPHALT EMULSION FOR TACK COAT, NYS DOT TABLE 702.9.
 - CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION UNTIL ESTABLISHMENT OF VEGETATIVE COVER. RUN-OFF CONTAINING SEDIMENTS FROM DISTURBED AREAS OF THE SITE SHALL NOT BE ALLOWED DIRECTLY INTO NATURAL STREAM CHANNELS.
 - ALL TREES AND WETLANDS TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. CONSTRUCTION ACTIVITIES ADJACENT TO TREES SHALL BE CONDUCTED TO REDUCE THE IMPACT TO TREES TO THE MAXIMUM EXTENT PRACTICAL. ANY DAMAGE TO EXISTING TREES SHALL BE REPAIRED OR THE TREE REPLACED, AS DIRECTED BY THE OWNER AT THE CONTRACTOR'S EXPENSE.
 - CONTRACTOR SHALL PERFORM ALL ROADWAY CONNECTION WORK IN ACCORDANCE WITH NYS DOT SPECIFICATIONS. ALL ROADWAY WORK SHALL BE IN ACCORDANCE WITH NYS DOT MAINTENANCE AND PROTECTION OF TRAFFIC REGULATIONS, INCLUDING FLAGMEN, BARRICADES, WARNING SIGNS/LIGHTS, ETC., WHERE WARRANTED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL, AT A NYS DEC ACCEPTABLE LOCATION, OF ALL MATERIALS NOT REUSED AS TRENCH BACKFILL.
 - EXCAVATIONS SHALL BE TO DEPTHS SHOWN ON DRAWINGS. ALL UNSTABLE OR UNSUITABLE MATERIAL SHALL BE EXCAVATED AND REMOVED TO SUCH DEPTH AS REQUIRED TO PROVIDE SUFFICIENT BEARING CAPACITY. OVEREXCAVATED AREAS SHALL BE BACKFILLED WITH SUITABLE MATERIAL.
 - COMPACTION OF PIPE BEDDING AND BACKFILL MATERIAL SHALL BE BY MEANS OF HAND-GUIDED POWER DRIVEN OR DRUM-TYPE OR PLATE TAMPERS. BACKFILLING SHOULD PROCEED IN ACCORDANCE WITH LIFT THICKNESSES AND COMPACTION REQUIREMENTS AS SHOWN ON THE DRAWINGS. UNLESS OTHERWISE NOTED ON THE DRAWINGS, COMPACTION REQUIREMENTS REFER TO PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM STANDARD D1557 METHOD "C". CARE SHOULD BE TAKEN TO SHAPE PIPE BEDDING TO FIT THE LOWER PART OF THE PIPE. BACKFILLING AND COMPACTION SHOULD PROGRESS EVENLY ALONG THE PIPE SIDEWALLS AND TO THE TOP OF PIPE BEDDING.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OF DIMENSIONS, ELEVATIONS AND LOCATIONS DURING PRECONSTRUCTION FIELD VERIFICATION. SUCH INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR VERIFICATION OR MODIFICATION OF THE PLANS.
 - THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORD DRAWINGS INCLUDING, AS A MINIMUM, THE FOLLOWING INFORMATION AS WELL AS ALL REQUIREMENTS OF THE SPECIFICATION:
 - RECORD OF ALL UTILITIES ENCOUNTERED IN TRENCH EXCAVATION. INFORMATION SHALL INCLUDE DIAMETER OF UTILITY, DEPTH OF BURIAL, AND LOCATION WITH REFERENCE TO NEAREST STRUCTURE SHOWN ON DRAWINGS. THIS INFORMATION SHALL BE KEPT CURRENT ON A WEEKLY BASIS. FAILURE TO DO SO MAY RESULT IN WITHHOLDING OF PAYMENTS.
 - DISTANCE TIES TO ALL MANHOLES, CLEANOUTS, BENDS AND CORPORATION STOPS.
 - UTILITY REPAIRS, SIDEWALK, AND DRIVEWAY REPLACEMENTS CENTERLINE.
 - STATIONS OF BENDS, CLEANOUTS, VALVES AND CORPORATION STOPS.
 - DENOTE BENDS WITH MARK REFERENCE USED.
 - PERIODIC OFFSETS.
 - RECORD DETAILS NOT SHOWN ON THE ORIGINAL CONTRACT DOCUMENTS. ANY FIELD CHANGES OF DIMENSIONS AND DETAILS AND ANY CHANGES MADE BY CHANGE ORDER OR FIELD ORDER.
 - CERTIFICATE OF SUBSTANTIAL COMPLETION SHALL NOT BE ISSUED UNTIL AS-BUILT INFORMATION IS ACCEPTABLE.
 - PROVIDE TWO (2) SETS OF FINAL COMPLETE RECORD DRAWINGS. CONTRACTOR SHALL FURNISH AS-BUILT DATA ON PLAN SHEETS.
 - UPON COMPLETION OF STORM SEWER FACILITIES AND ESTABLISHMENT OF VEGETATION, THE NEW AND EXISTING STORM SYSTEMS RECEIVING RUNOFF FROM THIS SITE SHALL BE CLEANED OF DEBRIS. ONLY AT THIS TIME SHALL THE EROSION AND SEDIMENTATION CONTROL MEASURES BE REMOVED.
 - ALL WATER MAIN AND SERVICE WORK MUST BE COORDINATED WITH THE CITY OF WATERTOWN WATER DEPARTMENT. WATER DEPARTMENT REQUIREMENTS SUPERCEDE ALL OTHER PLANS AND SPECIFICATIONS PROVIDED.
 - ALL WORK TO BE PERFORMED WITHIN THE CITY OF WATERTOWN MARGIN WILL REQUIRE SIGN-OFF FROM A PROFESSIONAL ENGINEER, LICENSED AND CURRENTLY REGISTERED TO PRACTICE IN THE STATE OF NEW YORK, THAT THE WORK WAS BUILT ACCORDING TO THE APPROVED SITE PLAN AND APPLICABLE CITY OF WATERTOWN STANDARDS. COMPACTION TESTING WILL BE REQUIRED FOR ALL WORK TO BE PERFORMED WITHIN THE CITY OF WATERTOWN MARGIN AND MUST BE SUBMITTED TO THE CITY OF WATERTOWN CODES DEPARTMENT.



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SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

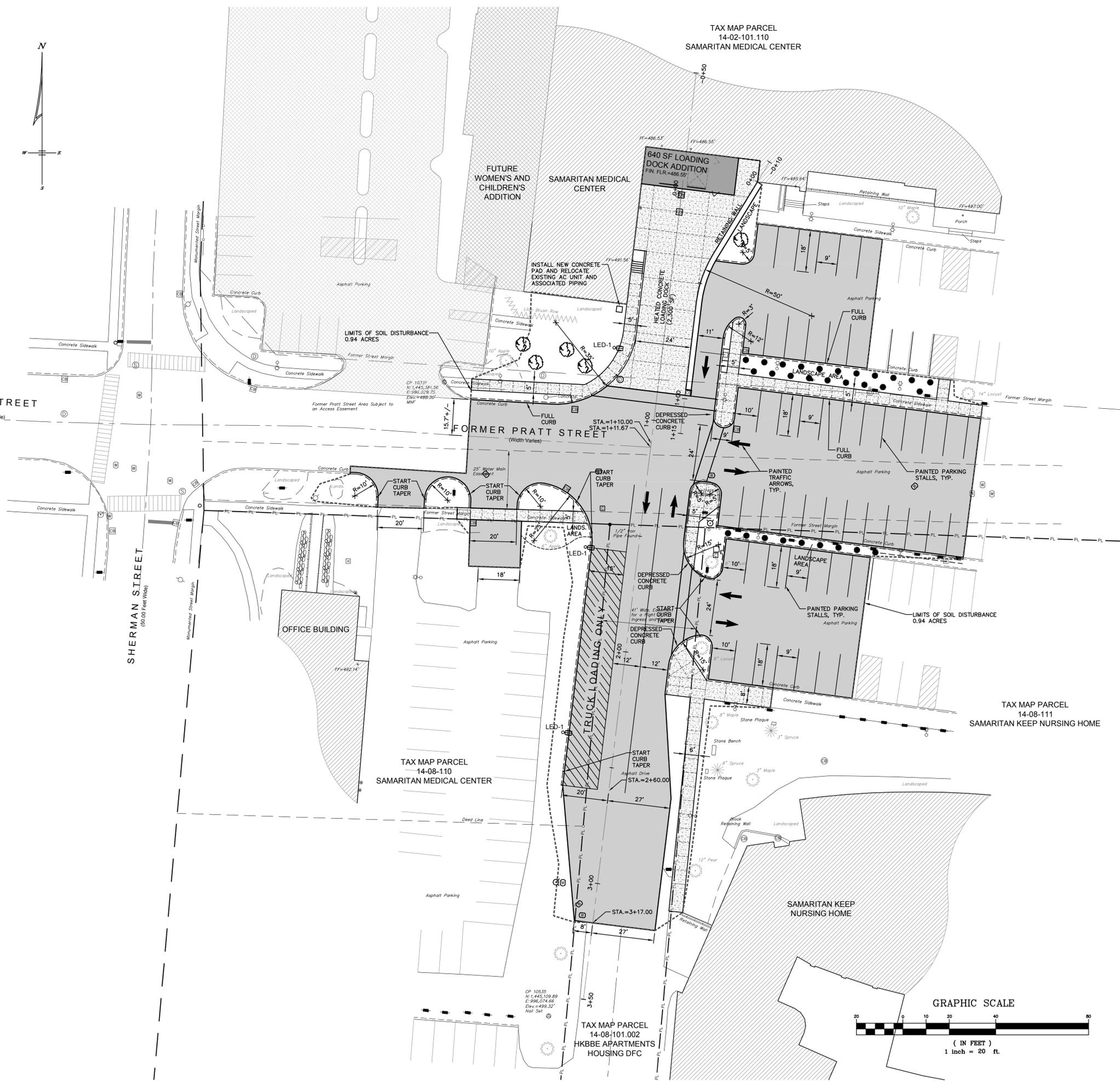
PROJECT NO: 2017-099
SCALE: 1"=20'
DRAWN BY: TTF
CHECKED BY: MRM
ISSUE DATE: 07/18/2017

EXISTING CONDITIONS AND DEMOLITION PLAN

CD101



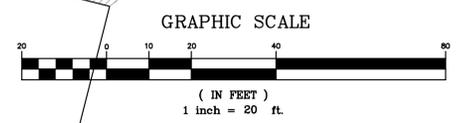
TAX MAP PARCEL
14-02-101.110
SAMARITAN MEDICAL CENTER



LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL	PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	Wx	Wx
SANITARY SEWER	SSx	SSx
STORM SEWER	SDx	SDx
OVERHEAD UTILITIES	OUx	OUx
UNDERGROUND UTILITIES	UAx	UAx
UNDERGROUND ELECTRIC	Ex	Ex
GAS	Gx	Gx
COMMUNICATION	CUx	CUx
SANITARY MANHOLE	SM	SM
STORM MANHOLE	SMH	SMH
CATCH BASIN	CB	CB
FIRE HYDRANT	FH	FH
WATER VALVE	WV	WV
CURB STOP	CS	CS
GAS METER	GM	GM
ELECTRIC METER	EM	EM
UTILITY POLE	UP	UP
LIGHT POLE	LP	LP
SIGN	S	S
BOLLARD	B	B
TREES	T	T

LABEL	FIXTURE	MOUNTING HEIGHT	QUANTITY
LED-1	GLEON-AF-02-LED-E1-T4W-BZ BY COOPER LIGHTING	25' FIXTURE HEIGHT (22' POLE AND 3' CONCRETE BASE)	3

SYM	DESCRIPTION	SPACING	SIZE
⊙	SMALL TO MEDIUM DECIDUOUS TREE	AS SHOWN ON PLANS	1 1/2" CALIPER, MINIMUM
●	SHRUBS	8' O.C.	GROW TO 36" IN HEIGHT



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**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
 830 WASHINGTON STREET
 CITY OF WATERTOWN
 JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO:	2017-099
SCALE:	1"=20'
DRAWN BY:	TFT
CHECKED BY:	MRM
ISSUE DATES:	07/18/2017

SITE PLAN

CS101

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14-02-101.110
SAMARITAN MEDICAL CENTER

LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL PL	PL PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	Wx Wx	Wx Wx
SANITARY SEWER	SSx SSx	SSx SSx
STORM SEWER	SDx SDx	SDx SDx
OVERHEAD UTILITIES	OUx OUx	OUx OUx
UNDERGROUND UTILITIES	UAx UAx	UAx UAx
UNDERGROUND ELECTRIC	Ex Ex	Ex Ex
GAS	Gx Gx	Gx Gx
COMMUNICATION	CUx CUx	CUx CUx
SANITARY MANHOLE	SM	SM
STORM MANHOLE	SMH	SMH
CATCH BASIN	CB	CB
FIRE HYDRANT	FH	FH
WATER VALVE	WV	WV
CURB STOP	CS	CS
GAS METER	GM	GM
ELECTRIC METER	EM	EM
UTILITY POLE	UP	UP
LIGHT POLE	LP	LP
SIGN	S	S
BOLLARD	B	B
TREES	T	T



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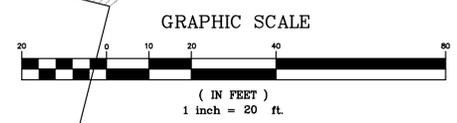
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SECONDARY LOADING DOCK PROJECT**
 830 WASHINGTON STREET
 CITY OF WATERTOWN
 JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO:	2017-099
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GRADING PLAN

CG101

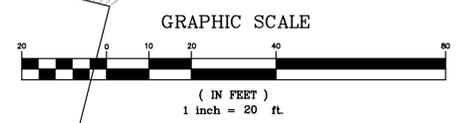




TAX MAP PARCEL
14-02-101.110
SAMARITAN MEDICAL CENTER

LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL PL	PL PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	W _x W _x	W _x W _x
SANITARY SEWER	SS _x SS _x	SS _x SS _x
STORM SEWER	SD _x SD _x	SD _x SD _x
OVERHEAD UTILITIES	OU _x OU _x	OU _x OU _x
UNDERGROUND UTILITIES	UA _x UA _x	UA _x UA _x
UNDERGROUND ELECTRIC	EX _x EX _x	EX _x EX _x
GAS	G _x G _x	G _x G _x
COMMUNICATION	CU _x CU _x	CU _x CU _x
SANITARY MANHOLE	SM	SM
STORM MANHOLE	SMH	SMH
CATCH BASIN	CB	CB
FIRE HYDRANT	FD	FD
WATER VALVE	WV	WV
CURB STOP	CS	CS
GAS METER	GM	GM
ELECTRIC METER	EM	EM
UTILITY POLE	UP	UP
LIGHT POLE	LP	LP
SIGN	S	S
BOLLARD	B	B
TREES	T	T

- TEMPORARY MEASURES:
- INSTALL SILT FENCE IN LOCATIONS INDICATED AND WHERE THERE IS THE POTENTIAL FOR OFFSITE RUNOFF TO OCCUR PRIOR TO ANY CONSTRUCTION WITHIN THOSE AREAS. FENCE MUST BE MAINTAINED AND MUST REMAIN IN PLACE UNTIL PROJECT HAS BEEN FINAL GRADED AND VEGETATION HAS BEEN ESTABLISHED.
 - CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY OR STREETS. ALL SEDIMENT SPILLED, DROPPED OR WASHED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.
 - INLET PROTECTION SHALL BE INSTALLED AROUND CULVERTS AND CATCH BASINS FOLLOWING THEIR INSTALLATION.
- SILT FENCE
 STABILIZED CONSTRUCTION ENTRANCE
 INLET PROTECTION



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SAMARITAN MEDICAL CENTER
 SECONDARY LOADING DOCK PROJECT
 830 WASHINGTON STREET
 CITY OF WATERTOWN
 JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO:	2017-099
SCALE:	1"=20'
DRAWN BY:	TFT
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EROSION AND SEDIMENT CONTROL PLAN

CG102



TAX MAP PARCEL
14-02-101.110
SAMARITAN MEDICAL CENTER

LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL PL	PL PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	Wx Wx	Wx Wx
SANITARY SEWER	SSx SSx	SSx SSx
STORM SEWER	SDx SDx	SDx SDx
OVERHEAD UTILITIES	OUx OUx	OUx OUx
UNDERGROUND UTILITIES	UAx UAx	UAx UAx
UNDERGROUND ELECTRIC	Ex Ex	Ex Ex
GAS	Gx Gx	Gx Gx
COMMUNICATION	CUx CUx	CUx CUx
SANITARY MANHOLE	SM	SM
STORM MANHOLE	SMH	SMH
CATCH BASIN	CB	CB
FIRE HYDRANT	FH	FH
WATER VALVE	WV	WV
CURB STOP	CS	CS
GAS METER	GM	GM
ELECTRIC METER	EM	EM
UTILITY POLE	UP	UP
LIGHT POLE	LP	LP
SIGN	S	S
BOLLARD	B	B
TREES	T	T



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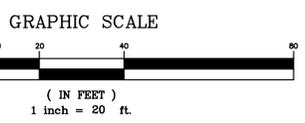


**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
830 WASHINGTON STREET
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JEFFERSON COUNTY, STATE OF NEW YORK

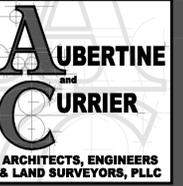
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SCALE: 1"=20'
DRAWN BY: TFT
CHECKED BY: MRM
ISSUE DATES: 07/18/2017

UTILITY PLAN

CU101



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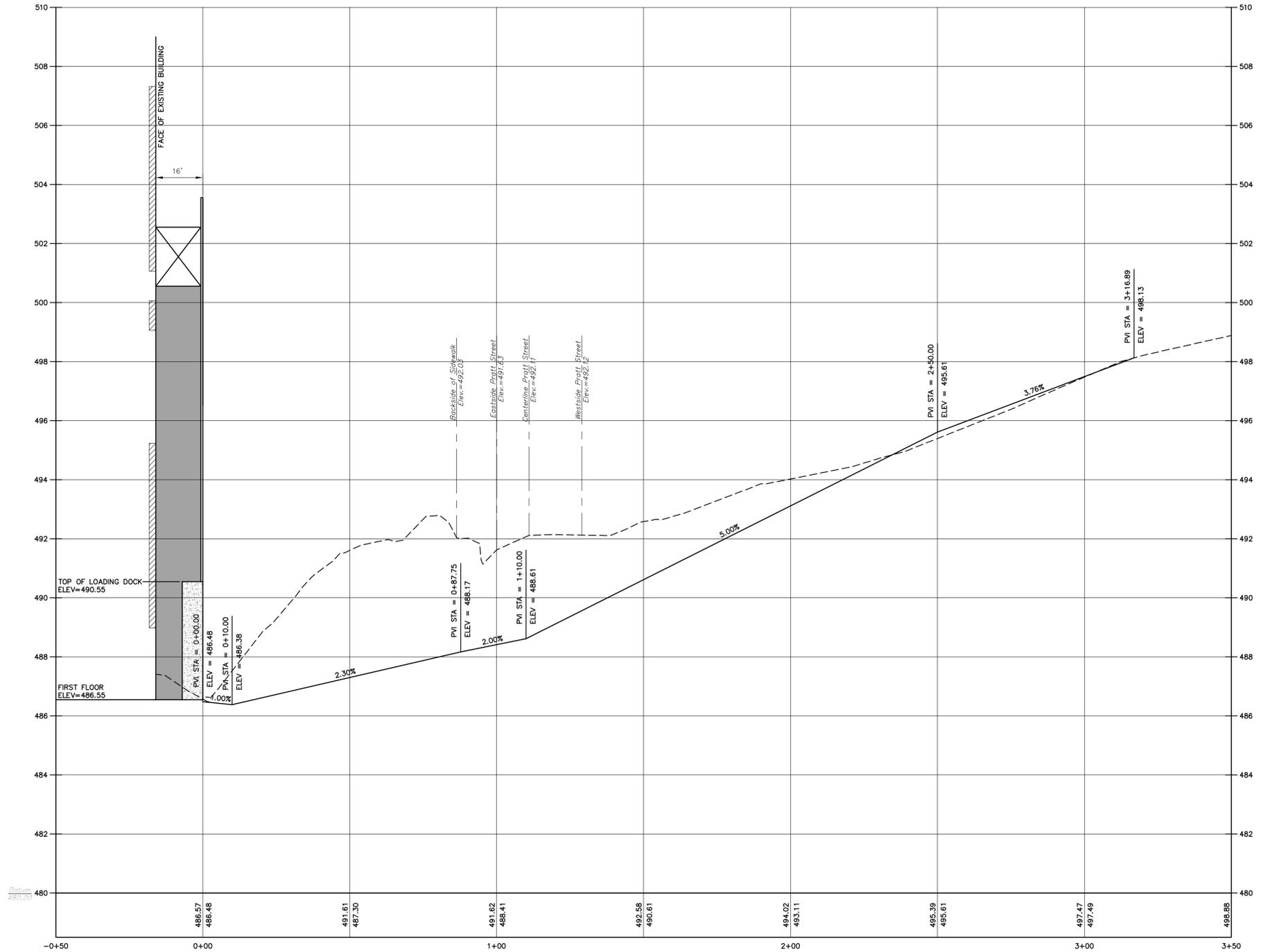


**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO: 2017-099
SCALE: 1"=20'
DRAWN BY: TFT
CHECKED BY: MRM
ISSUE DATES:
07/18/2017

LOADING DOCK PROFILE

CS202



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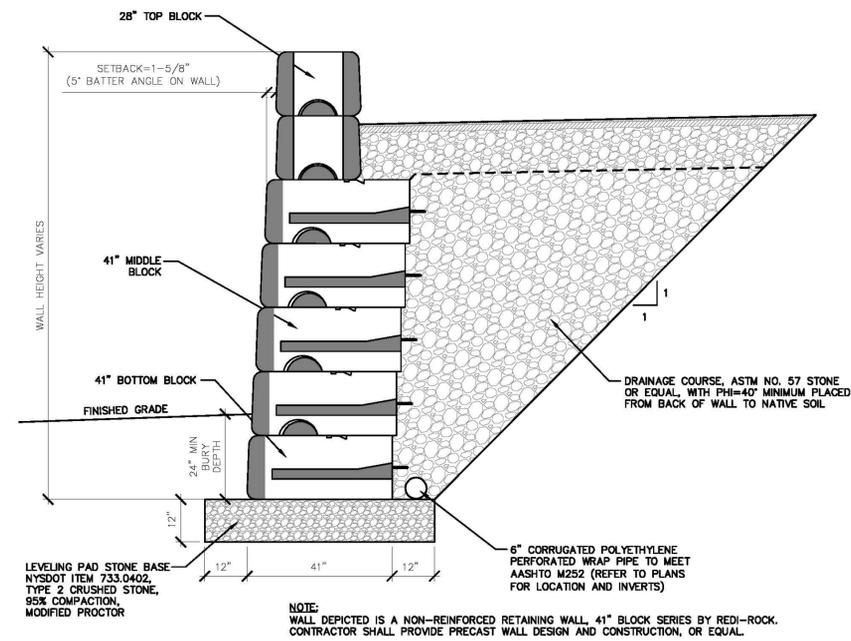
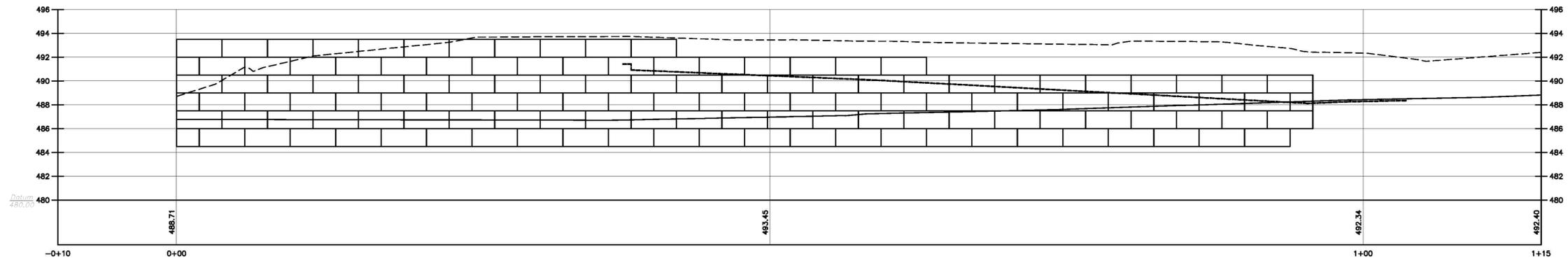


**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO.	2017-099
SCALE:	1"=20'
DRAWN BY:	TFT
CHECKED BY:	MRM
ISSUE DATES:	07/18/2017

RETAINING WALL PROFILE
AND DETAILS

CS202

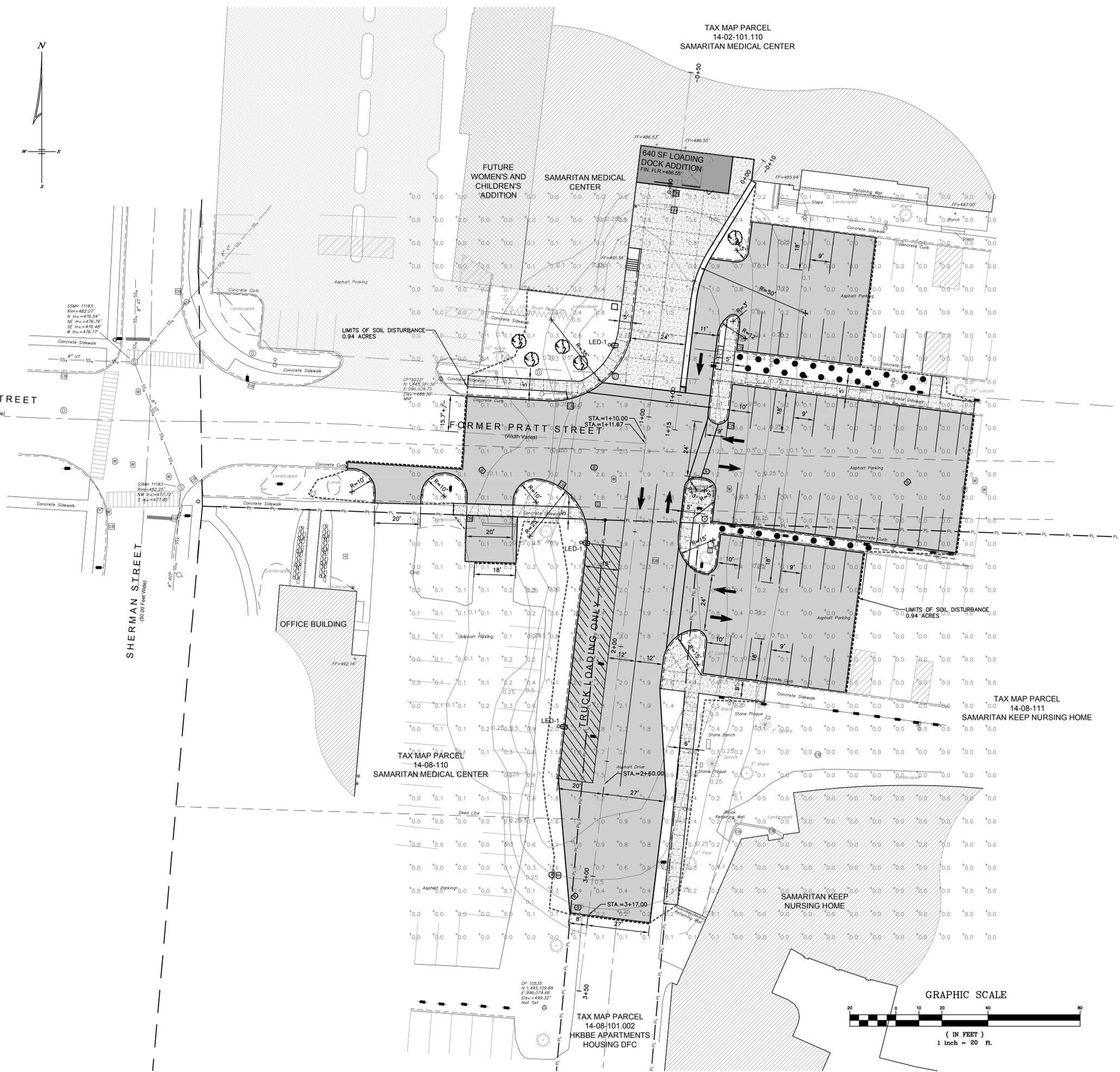


1 TYPICAL RETAINING WALL SECTION
NOT TO SCALE

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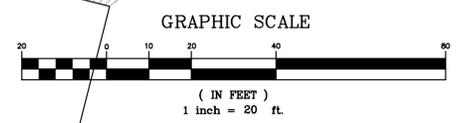


TAX MAP PARCEL
14-02-101.110
SAMARITAN MEDICAL CENTER



LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL - PL	PL - PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	Wx - Wx	Wx - Wx
SANITARY SEWER	SSx - SSx	SSx - SSx
STORM SEWER	SDx - SDx	SDx - SDx
OVERHEAD UTILITIES	OUx - OUx	OUx - OUx
UNDERGROUND UTILITIES	UAx - UAx	UAx - UAx
UNDERGROUND ELECTRIC	Ex - Ex	Ex - Ex
GAS	Gx - Gx	Gx - Gx
COMMUNICATION	CUx - CUx	CUx - CUx
SANITARY MANHOLE	SM	SM
STORM MANHOLE	SMH	SMH
CATCH BASIN	CB	CB
FIRE HYDRANT	FH	FH
WATER VALVE	WV	WV
CURB STOP	CS	CS
GAS METER	GM	GM
ELECTRIC METER	EM	EM
UTILITY POLE	UP	UP
LIGHT POLE	LP	LP
SIGN	S	S
BOLLARD	B	B
TREES	T	T

SITE LIGHTING SCHEDULE			
LABEL	FIXTURE	MOUNTING HEIGHT	QUANTITY
LED-1	GLEON-AF-02-LED-E1-T4W-BZ BY COOPER LIGHTING	25' FIXTURE HEIGHT (22' POLE AND 3' CONCRETE BASE)	3



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SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT
 830 WASHINGTON STREET
 CITY OF WATERTOWN
 JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO:	2017-099
SCALE:	1"=20'
DRAWN BY:	TFT
CHECKED BY:	MRM
ISSUE DATES:	07/18/2017

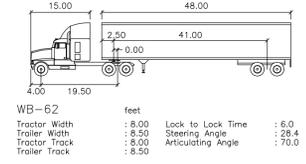
PHOTOMETRIC LIGHTING PLAN

CP101



TAX MAP PARCEL
14-02-101.110
SAMARITAN MEDICAL CENTER

LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL	PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	Wx	Wx
SANITARY SEWER	SSx	SSx
STORM SEWER	SDx	SDx
OVERHEAD UTILITIES	OUx	OUx
UNDERGROUND UTILITIES	UAx	UAx
UNDERGROUND ELECTRIC	Ex	Ex
GAS	Gx	Gx
COMMUNICATION	CUx	CUx
SANITARY MANHOLE	SM	SM
STORM MANHOLE	SMH	SMH
CATCH BASIN	CB	CB
FIRE HYDRANT	FH	FH
WATER VALVE	WV	WV
CURB STOP	CS	CS
GAS METER	GM	GM
ELECTRIC METER	EM	EM
UTILITY POLE	UP	UP
LIGHT POLE	LP	LP
SIGN	S	S
BOLLARD	B	B
TREES	T	T



PRATT STREET
(55.42 Feet Wide)

SHERMAN STREET
(50.00 Feet Wide)

OFFICE BUILDING

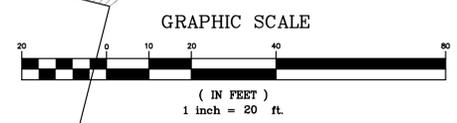
TRUCK LOADING ONLY

TAX MAP PARCEL
14-08-110
SAMARITAN MEDICAL CENTER

TAX MAP PARCEL
14-08-111
SAMARITAN KEEP NURSING HOME

SAMARITAN KEEP NURSING HOME

TAX MAP PARCEL
14-08-101.002
HKBBE APARTMENTS HOUSING DFC



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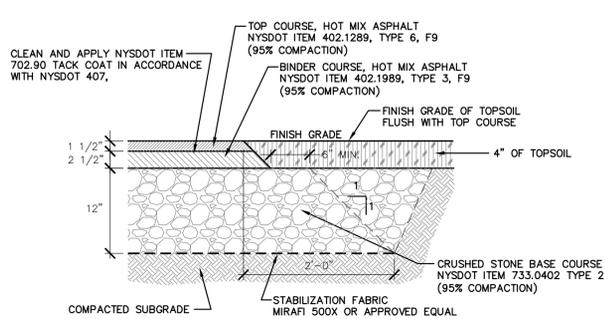


**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO:	2017-099
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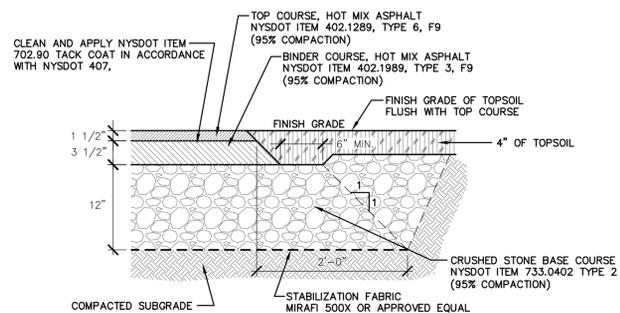
VEHICLE CIRCULATION PLAN

CT101



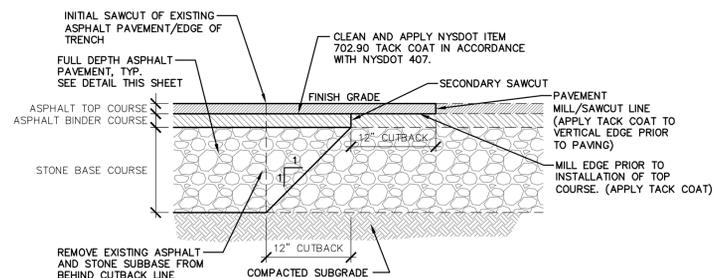
- NOTES:**
1. ALL HMA COMPACTION WILL BE IN THE RANGE OF 92% TO 97% MMTD (MIXTURE'S MAXIMUM THEORETICAL DENSITY) PER NYS DOT SPECIFICATIONS FOR HMA COMPACTION 402-3.07
 2. BASE COURSE SHALL BE COMPACTED TO 95% MODIFIED PROCTOR MAXIMUM DENSITY
 3. FIELD VERIFICATION OF COMPACTION SHALL BE BY NUCLEAR DENSITY TESTING METHODS

1 TYPICAL STANDARD ASPHALT PAVEMENT DETAIL
NOT TO SCALE

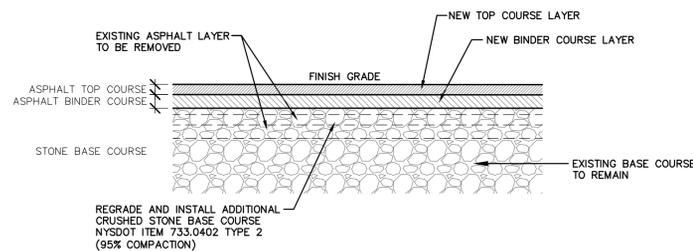


- NOTES:**
1. ALL HMA COMPACTION WILL BE IN THE RANGE OF 92% TO 97% MMTD (MIXTURE'S MAXIMUM THEORETICAL DENSITY) PER NYS DOT SPECIFICATIONS FOR HMA COMPACTION 402-3.07
 2. BASE COURSE SHALL BE COMPACTED TO 95% MODIFIED PROCTOR MAXIMUM DENSITY
 3. FIELD VERIFICATION OF COMPACTION SHALL BE BY NUCLEAR DENSITY TESTING METHODS

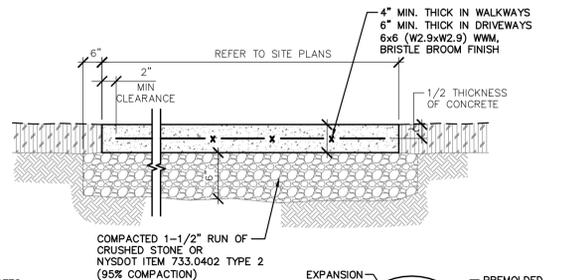
2 TYPICAL HEAVY ASPHALT PAVEMENT DETAIL
NOT TO SCALE



3 TYPICAL ASPHALT PAVEMENT JOINT DETAIL
NOT TO SCALE

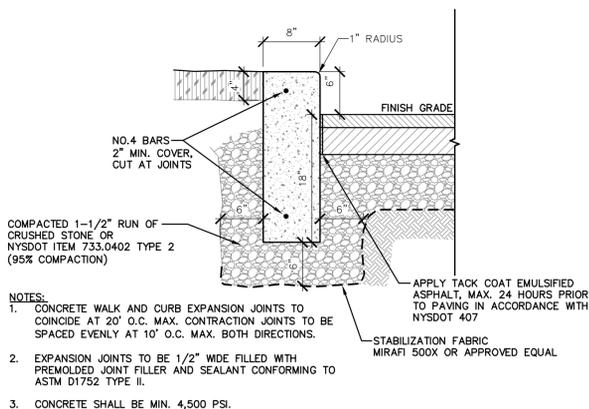


4 TYPICAL EXISTING ASPHALT PAVEMENT REMOVAL AND REGRADE AND ASPHALT PAVEMENT RECONSTRUCTION DETAIL
NOT TO SCALE

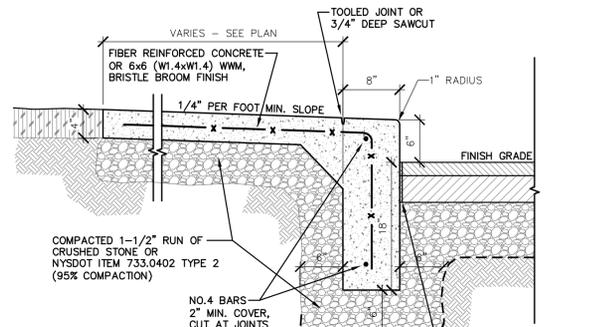


- NOTES:**
1. CONCRETE WALK EXPANSION JOINTS TO COINCIDE AT 20' O.C. MAX.
 2. CONTRACTION JOINTS TO BE SPACED EVENLY AT 4' TO 6' O.C. MAX. BOTH DIRECTIONS. CONTRACTION JOINT SPACING SHALL BE SPACED SYMMETRICALLY BASED UPON THE SIDEWALK WIDTH BEING CONSTRUCTED. (I.E. 6' WIDE WALK - 6' CONTROL JOINTS; 5' WIDE WALK - 5' CONTROL JOINTS; 8' WIDE WALK - 4' CONTROL JOINTS)
 3. EXPANSION JOINTS TO BE 1/2" WIDE FILLED WITH PREMOLDED JOINT FILLER AND SEALANT CONFORMING TO ASTM D1752 TYPE II.
 4. CONTROL/CONTRACTION JOINTS SHALL BE TOOLED OR SAW CUT JOINT WITH A DEPTH OF 1/4 THE CONCRETE THICKNESS.
 5. CONCRETE SHALL BE MIN. 4,500 PSI.

5 TYPICAL CONCRETE WALK DETAIL
NOT TO SCALE

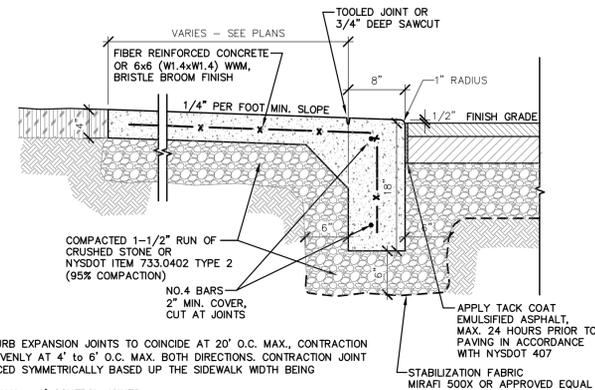


6 TYPICAL CONCRETE CURB DETAIL
NOT TO SCALE



- NOTES:**
1. CONCRETE WALK AND CURB EXPANSION JOINTS TO COINCIDE AT 20' O.C. MAX., CONTRACTION JOINTS TO BE SPACED EVENLY AT 4' TO 6' O.C. MAX. BOTH DIRECTIONS. CONTRACTION JOINT SPACING SHALL BE SPACED SYMMETRICALLY BASED UP THE SIDEWALK WIDTH BEING CONSTRUCTED. (I.E. 6' WIDE WALK - 6' CONTROL JOINTS; 5' WIDE WALK - 5' CONTROL JOINTS; 8' WIDE WALK - 4' CONTROL JOINTS)
 2. EXPANSION JOINTS TO BE 1/2" WIDE FILLED WITH PREMOLDED JOINT FILLER AND SEALANT CONFORMING TO ASTM D1752 TYPE II.
 3. CONTROL/CONTRACTION JOINTS SHALL BE TOOLED OR SAW CUT JOINT WITH A DEPTH OF 1/4 THE CONCRETE THICKNESS.
 4. CONCRETE SHALL BE MIN. 4,500 PSI.

7 TYPICAL INTEGRAL CURB AND WALK DETAIL
NOT TO SCALE



- NOTES:**
1. CONCRETE WALK AND CURB EXPANSION JOINTS TO COINCIDE AT 20' O.C. MAX., CONTRACTION JOINTS TO BE SPACED EVENLY AT 4' TO 6' O.C. MAX. BOTH DIRECTIONS. CONTRACTION JOINT SPACING SHALL BE SPACED SYMMETRICALLY BASED UP THE SIDEWALK WIDTH BEING CONSTRUCTED. (I.E. 6' WIDE WALK - 6' CONTROL JOINTS; 5' WIDE WALK - 5' CONTROL JOINTS; 8' WIDE WALK - 4' CONTROL JOINTS)
 2. EXPANSION JOINTS TO BE 1/2" WIDE FILLED WITH PREMOLDED JOINT FILLER AND SEALANT CONFORMING TO ASTM D1752 TYPE II.
 3. CONTROL/CONTRACTION JOINTS SHALL BE TOOLED OR SAW CUT JOINT WITH A DEPTH OF 1/4 THE CONCRETE THICKNESS.
 4. CONCRETE SHALL BE MIN. 4,500 PSI.

8 TYPICAL DEPRESSED INTEGRAL CURB AND WALK DETAIL
NOT TO SCALE



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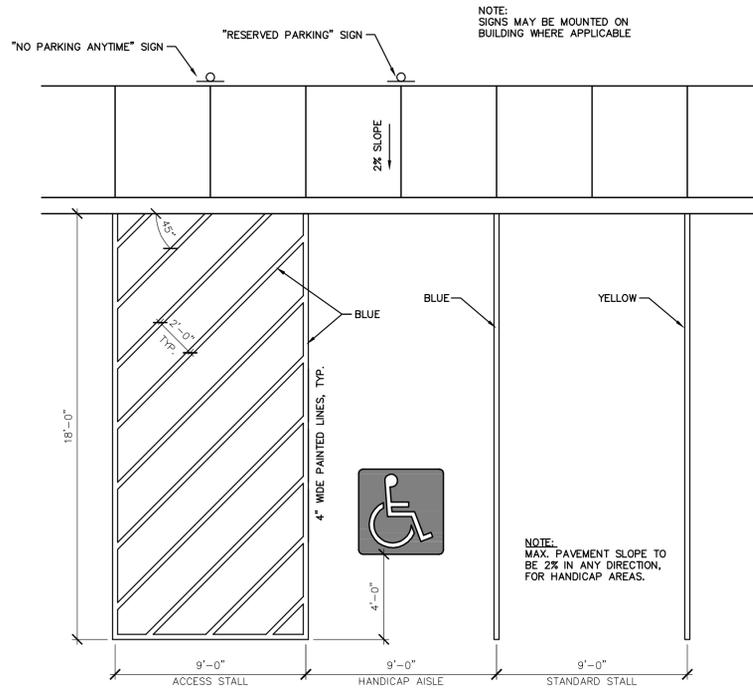


**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO:	2017-099
SCALE:	AS NOTED
DRAWN BY:	TFT
CHECKED BY:	MRM
ISSUE DATES:	07/18/2017

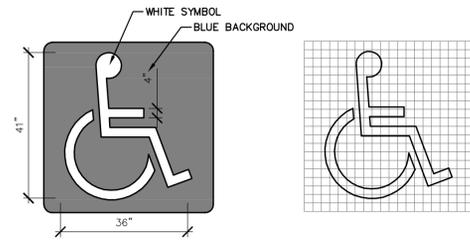
SITE DETAILS

CS500

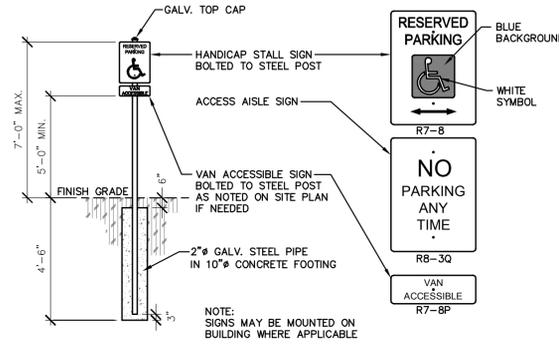


1 TYPICAL PARKING STALL MARKINGS DETAIL
NOT TO SCALE

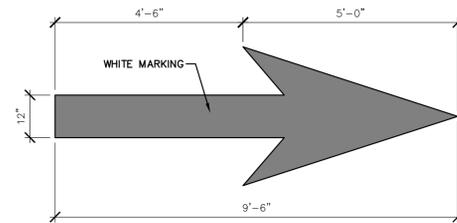
NOTE:
SIGNS MAY BE MOUNTED ON
BUILDING WHERE APPLICABLE



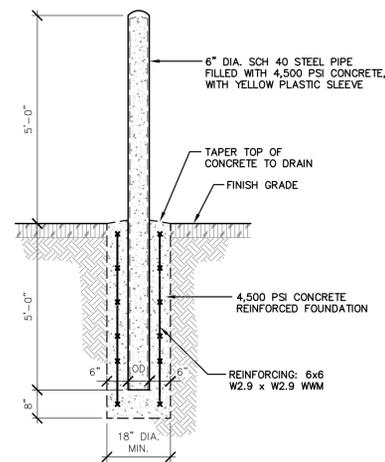
ACCESSIBILITY SYMBOL
PAINTED ON PAVEMENT
2 TYPICAL HANDICAP SYMBOL DETAIL
NOT TO SCALE



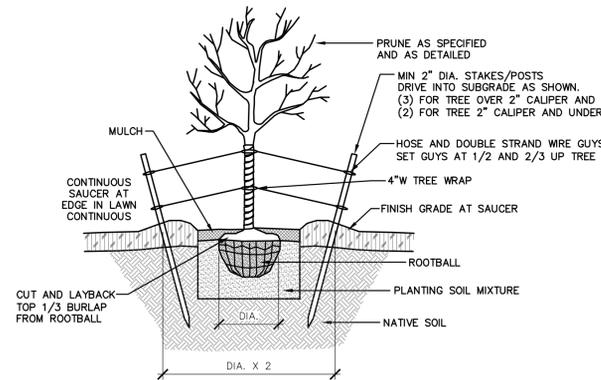
3 TYPICAL HANDICAP SIGN DETAIL
NOT TO SCALE



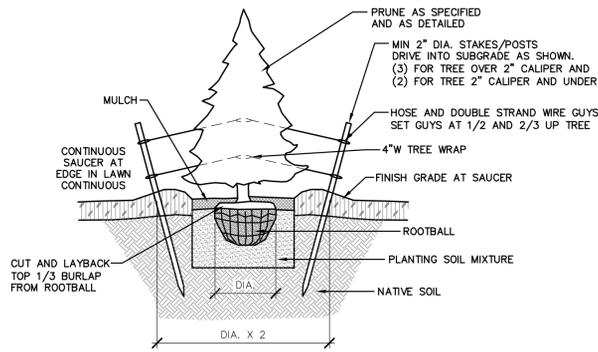
4 TYPICAL THROUGH LANE ARROW DETAIL
NOT TO SCALE



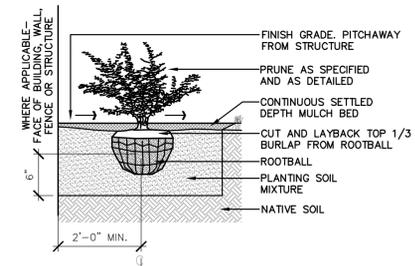
11 TYPICAL PIPE GUARD BOLLARD DETAIL
NOT TO SCALE



12 TYPICAL TREE PLANTING DETAIL
NOT TO SCALE



13 TYPICAL EVERGREEN
TREE PLANTING DETAIL
NOT TO SCALE



14 TYPICAL SHRUB PLANTING DETAIL
NOT TO SCALE

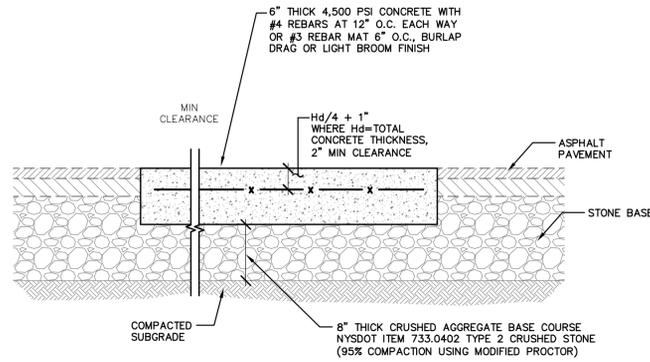
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830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

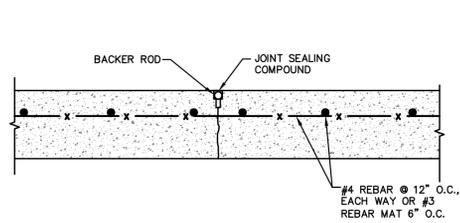
PROJECT NO: 2017-099
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07/18/2017

SITE DETAILS

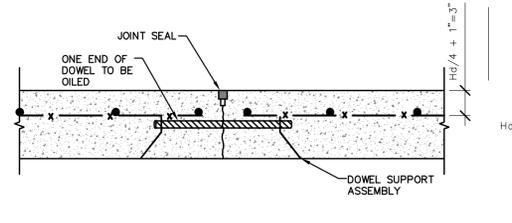


- NOTES:**
1. ALL CONCRETE FOR THE HEAVY VEHICLE AND WASH PLATFORM PADS SHALL BE MINIMUM 4,500 PSI CONCRETE WITH A 550-FLEXURAL STRENGTH.
 2. LONGITUDINAL JOINTS SHALL BE SPACED AT APPROXIMATELY 16-FOOT INTERVALS AND TRANSVERSE JOINTS SHALL BE SPACED AT APPROXIMATELY 25-FOOT INTERVALS.
 3. EXPANSION JOINTS TO BE 3/4" WIDE FILLED WITH PREMOLDED JOINT FILLER AND SEALANT CONFORMING TO ASTM D5893.
 4. CONTROL/CONTRACTION JOINTS SHALL BE SAW CUT WITH A DEPTH OF 1/4 THE CONCRETE THICKNESS.

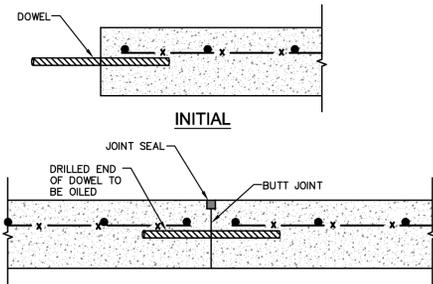
1 TYPICAL LOADING DOCK CONCRETE DETAIL
NOT TO SCALE



2 CONTRACTION JOINT DETAIL
NOT TO SCALE

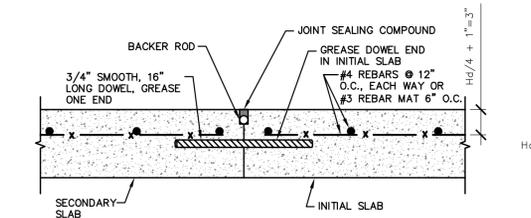


3 SAWED LONGITUDINAL CONTRACTION JOINT (DOWELED)
NOT TO SCALE



4 DRILLED CONSTRUCTION JOINT (DOWELED)
NOT TO SCALE

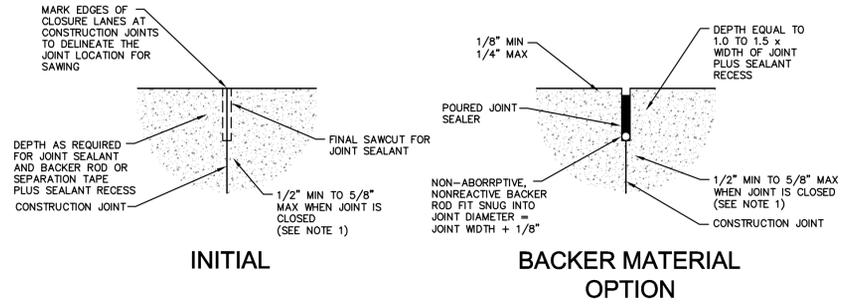
- NOTES:**
1. DOWELED CONSTRUCTION JOINT TO BE USED AT THE END OF EACH DAY'S PAVING.



PAVEMENT THICKNESS (IN)	DOWEL LENGTH (IN)	MAXIMUM DOWEL SPACING (IN)	DOWEL DIAMETER (IN)
6"	16"	12"	3/4"

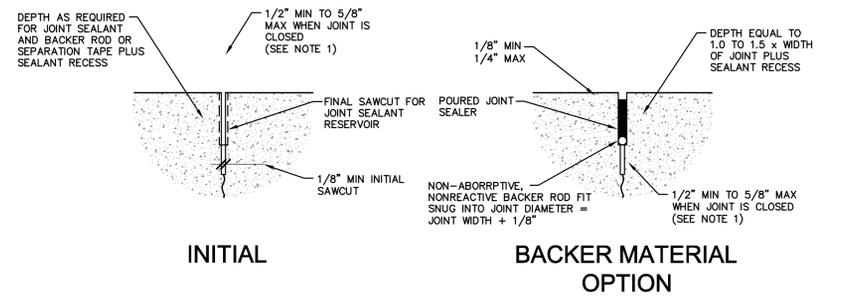
5 LONGITUDINAL CONSTRUCTION JOINT (DRILLED AND DOWELED)
NOT TO SCALE

- NOTES:**
1. AUTOMATIC DOWEL BAR INSERTERS, EITHER IN THE PLANE OF PAVING OR OUT OF THE PLANE OF PAVING, WILL NOT BE ALLOWED TO INSERT DOWELS IN THE PLASTIC CONCRETE ALONG CONSTRUCTION JOINTS.
 2. DOWELS SHALL BE GRADE 60 CONFORMING TO ASTM A675/A675M.



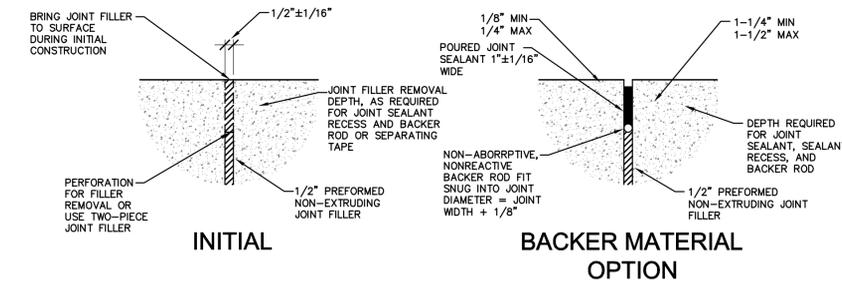
- NOTES:**
1. IF THE JOINT HAS OPENED PRIOR TO FINAL SAW CUT OF THE JOINT RESERVOIR, THE SAWED WIDTH SHALL BE INCREASED SO THAT THE NET WIDTH WILL MEET THE PRESCRIBED TOLERANCE WHEN THE JOINT CLOSES.

6 CONSTRUCTION JOINT DETAILS
NOT TO SCALE



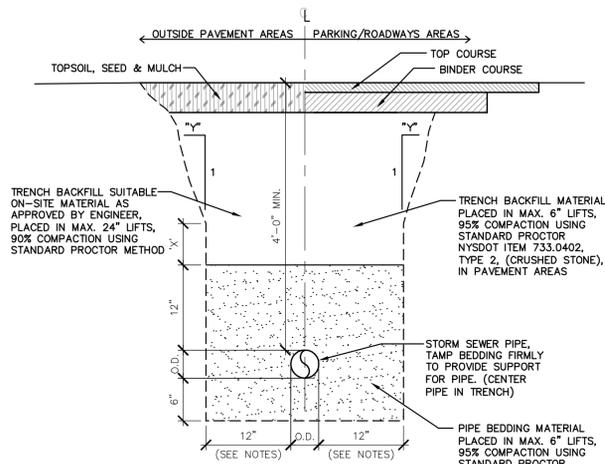
- NOTES:**
1. IF THE JOINT HAS OPENED PRIOR TO FINAL SAW CUT OF THE JOINT RESERVOIR, THE SAWED WIDTH SHALL BE INCREASED SO THAT THE NET WIDTH WILL MEET THE PRESCRIBED TOLERANCE WHEN THE JOINT CLOSES.

7 CONTRACTION JOINT DETAILS
NOT TO SCALE



- NOTES:**
1. IF THE JOINT HAS OPENED PRIOR TO FINAL SAW CUT OF THE JOINT RESERVOIR, THE SAWED WIDTH SHALL BE INCREASED SO THAT THE NET WIDTH WILL MEET THE PRESCRIBED TOLERANCE WHEN THE JOINT CLOSES.

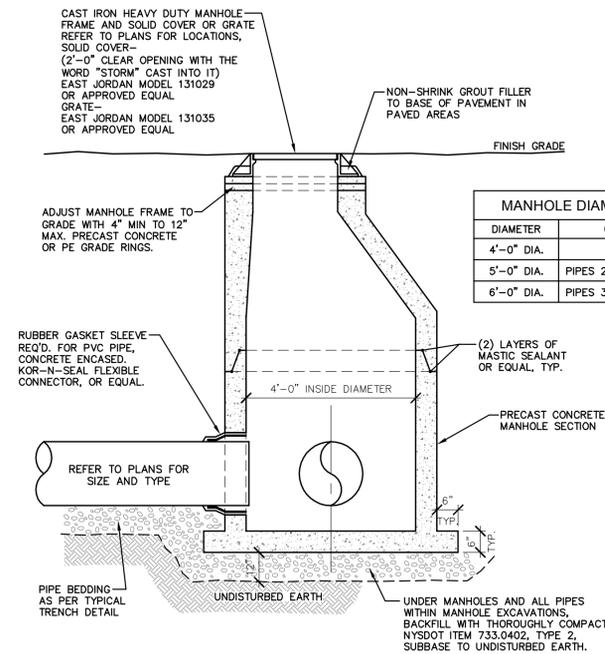
8 EXPANSION JOINT DETAILS
NOT TO SCALE



- NOTES:**
- DIMENSIONS 'X' AND 'Y' SHOWN ABOVE SHALL BE DETERMINED BY CONTRACTOR TO COMPLY WITH O.S.H.A., NEW YORK STATE DEPARTMENT OF LABOR, NEW YORK STATE INDUSTRIAL CODE AND ALL OTHER APPLICABLE SAFETY STANDARDS.
 - SAFETY SHEETING OR TRENCH BOX MAY BE USED IN PLACE OF SLOPED TRENCH WALLS.
 - SHEETING, WHEN REQUIRED, TO BE CUT OFF AT LEAST 5 FEET BELOW STREET AND A MINIMUM OF 1 FOOT ABOVE TOP OF PIPE. WOOD SHEETING DRIVEN BELOW MID-DIAMETER OF THE PIPE SHALL BE LEFT IN PLACE. STEEL SHEETING DRIVEN BELOW MID-DIAMETER MAY BE WITHDRAWN IF APPROVED IN WRITING BY THE ENGINEER. FOR PVC PIPE ALL SHEETING DRIVEN BELOW MID-DIAMETER SHALL BE LEFT IN PLACE.
 - TRENCHES LOCATED WITHIN 5' OF ROAD SHOULDERS SHALL BE TREATED THE SAME AS UNDER PAVEMENT.

1 TYPICAL STORM SEWER TRENCH DETAIL

NOT TO SCALE

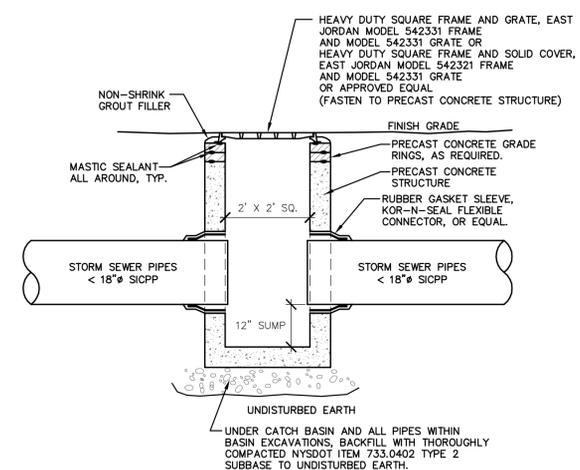


MANHOLE DIAMETER SIZING	
DIAMETER	CONFIGURATION
4'-0" DIA.	PIPES < 24"
5'-0" DIA.	PIPES 24"-30" or > 3 PIPES
6'-0" DIA.	PIPES 36"-48" or > 4 PIPES

- TYPICAL PRECAST STORM SEWER MANHOLE NOTES:**
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS.
 - CONCRETE SHALL BE AIR ENTRAINED 5%-8%.
 - WALLS, FLOOR, TOP SLAB AND ACCESS COVERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM C890 (HS-20 LOAD).
 - REINFORCEMENT - ASTM A497/A615 GRADE 60.
 - ALL JOINTS SHALL BE SEALED SUCH THAT THE TANK IS WATERTIGHT WITH BUTYL SEALANT CS-102 ASTM C-990.
 - 2 COATS OF BITUMASTIC WATERPROOF COATING TO BE APPLIED TO OUTER SURFACE OF PRECAST CONCRETE STRUCTURES.
 - ALL MANHOLE COVERS SHALL HAVE THE WORDS "STORM" IN 2" LETTERS, CAST IN COVERS.
 - ALL MANHOLES SHALL BE 4'-0" I.D. UNLESS OTHERWISE NOTED.

3 TYPICAL STORM SEWER MANHOLE DETAIL

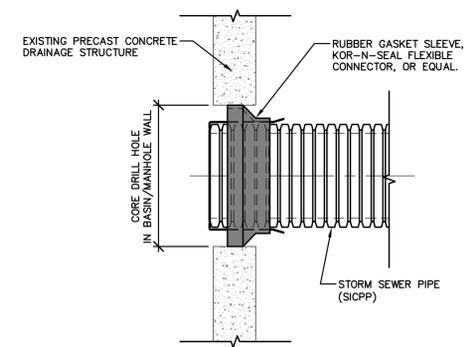
NOT TO SCALE



- NOTES:**
- ALL CATCH BASIN SECTIONS TO BE HS-20 LOAD RATING, MINIMUM.
 - BITUMASTIC WATERPROOF COATING TO BE APPLIED TO OUTER SURFACE OF CATCH BASIN SECTIONS.

2 TYPICAL 2' x 2' SQ. CATCH BASIN DETAIL

NOT TO SCALE



4 TYPICAL STORM SEWER CONNECTION DETAIL

NOT TO SCALE



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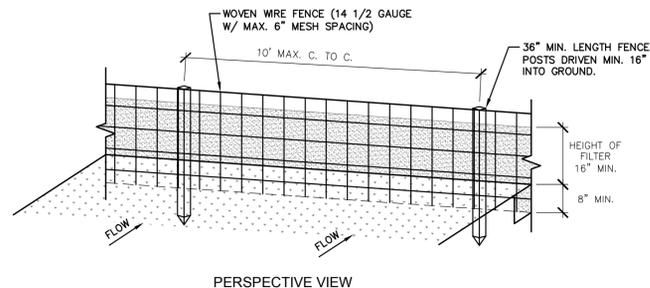


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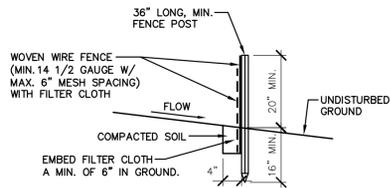
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STORM SEWER
DETAILS

CG500



PERSPECTIVE VIEW

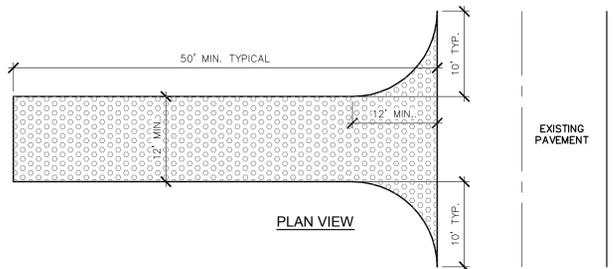


SECTION VIEW

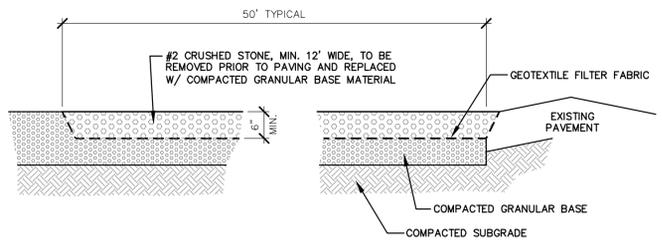
CONSTRUCTION SPECIFICATIONS

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

1 TYPICAL SILT FENCE DETAIL
NOT TO SCALE



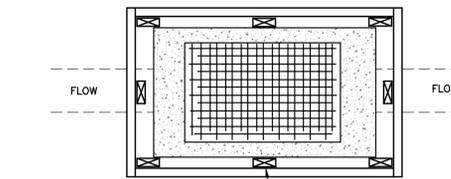
PLAN VIEW



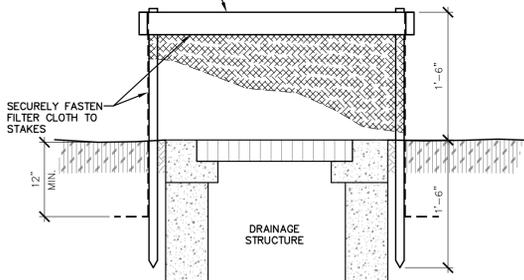
CONSTRUCTION SPECIFICATIONS

- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

2 TYPICAL OFFSITE SEDIMENT TRACKING DETAIL
NOT TO SCALE



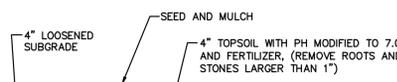
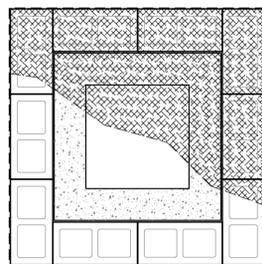
2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FILTER CLOTH FOR OVERFLOW STABILITY



INSTALLATION NOTES:

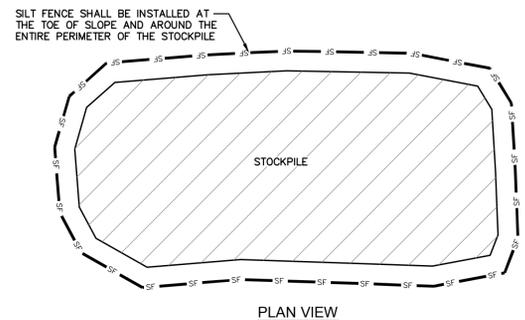
- FILTER CLOTH TO BE CUT FROM A ROLL TO ELIMINATED JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE SHALL BE 2"x4" AND A MINIMUM OF 36" LONG.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AT REGULAR INTERVALS.
- FILTER CLOTH SHALL BE FILTER X, MIRAFI 100X, STABILINKA-T140N OR APPROVED EQUAL

3 TYPICAL INLET PROTECTION DETAIL
NOT TO SCALE

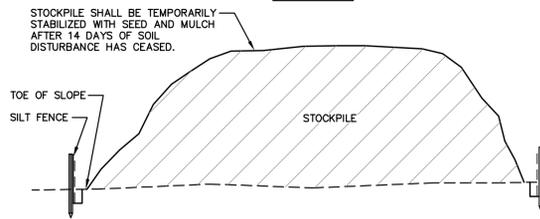


NOTE: PROVIDE SOIL TESTS WITH SEED, FERTILIZER AND MULCH RECOMMENDATIONS (ONE PER EACH 5 ACRES OF SEEDING AND MIN. ONE PER TOPSOIL STOCKPILE)

5 TYPICAL TOPSOIL REPLACEMENT DETAIL
NOT TO SCALE



PLAN VIEW



PROFILE VIEW

6 TYPICAL STOCKPILE DETAIL
NOT TO SCALE

- EROSION AND SEDIMENT CONTROL NOTES:
- PRIOR TO COMMENCING ANY EARTHWORK ACTIVITIES, ETC. AT THE SITE, THE CONTRACTOR SHALL FLAG THE WORK LIMITS AND SHALL INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (I.E. SILT FENCES, TREE PROTECTION/BARRIER FENCES, STABILIZED CONSTRUCTION ENTRANCES, STORM DRAIN SEDIMENT FILTERS, DRAINAGE DITCH SEDIMENT FILTERS, ETC.) INDICATED ON THE PROJECT DRAWINGS. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE THE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS. ONCE CONSTRUCTED, ALL MEASURES SHALL BE PROPERLY MAINTAINED AND/OR REPLACED AS NECESSARY AND THEN REMOVED FROM THE SITE ONCE VEGETATION AND PAVEMENT ARE IN PLACE.
 - EARTH DISTURBANCE SHALL BE LIMITED TO AREAS WHERE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED. ONCE ALL MEASURES ARE INSTALLED TO THE SATISFACTION OF THE ENGINEER, THE REMAINDER OF THE CLEARING AND GRADING ACTIVITIES SHALL COMMENCE.
 - ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN STRICT COMPLIANCE WITH THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" CURRENT EDITION.
 - THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE INTEGRITY AND FUNCTION OF ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED OR REPLACED AS NECESSARY. WASHOUTS SHALL BE IMMEDIATELY REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION. ALL ACCUMULATED SEDIMENT SHALL BE REMOVED AND CONTAINED IN APPROPRIATE SPOIL AREAS. WATER SHALL BE APPLIED TO NEWLY SEEDDED AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED TO EFFECTIVELY CONTROL WIND EROSION. WATER SHALL BE APPLIED TO ALL EXPOSED SOILS AS NECESSARY UNTIL GROUND COVER IS PERMANENTLY ESTABLISHED.
 - THE STABILIZED CONSTRUCTION ENTRANCE, UTILIZED DURING CONSTRUCTION, SHALL BE MAINTAINED IN A CONDITION THAT SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
 - THE INLET PROTECTION SHALL FUNCTION TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAINS. THEY SHALL BE MAINTAINED IN GOOD CONDITION UNTIL FINAL VEGETATIVE COVER IS WELL ESTABLISHED.
 - AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
 - IN SOME INSTANCES, ESTABLISHING VEGETATION WILL BE NECESSARILY DELAYED WHILE CONSTRUCTION IS IN PROGRESS. DURING THESE TIMES, SEDIMENT CONTROL MEASURES WILL BE EMPLOYED TO PREVENT SEDIMENT FROM LEAVING THE SITE. VEGETATION SHALL BE ESTABLISHED IN THESE AREAS AS SOON AS IT IS PRACTICAL.
 - SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.
 - PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE PROJECT SITE.
 - AREAS UNDERGOING GRADING AND WHERE WORK IS DELAYED OR COMPLETED AND WILL NOT BE REDISTURBED FOR 21 DAYS OR MORE SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT VEGETATIVE COVER WITHIN 14 DAYS.
 - TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILED ON-SITE FOR PERIODS GREATER THAN 30 DAYS SHALL BE STABILIZED BY SEEDING. PRIOR TO THE SEEDING OPERATION, THE STOCKPILED MATERIAL SHALL BE GRADED AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, FERTILIZATION, SEEDING, MULCH APPLICATIONS AND MULCH ANCHORING.
 - SILT FENCES/STRAW BALE DAM SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL, TOPSOIL, AND EXCAVATED OVERBURDEN. SILT FENCES/BALES SHALL BE ANCHORED AND MAINTAINED IN GOOD CONDITION UNTIL SUCH TIME AS SAID STOCKPILES ARE REMOVED AND STOCKPILING AREAS ARE BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED.
 - IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH STREAM OR OTHER SURFACE WATER BODY.
 - DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
 - CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES, AND SHALL NOT OPERATE UNNECESSARILY WITHIN WATERWAYS OR DRAINAGE DITCHES.
 - NO SYNTHETIC EROSION CONTROL MATERIAL, FENCING OR MATTING SHALL BE PART OF THE PERMANENT INSTALLATION.
 - WHERE CONCENTRATED FLOWS ARE CREATED AS A RESULT OF CONSTRUCTION OPERATIONS, CHECK DAMS SHALL BE INSTALLED DEEMED NECESSARY.

- SPECIFICATIONS:
- SEED
- TEMPORARY SEED SPECIES: STATE CERTIFIED SEED FROM GRASS SPECIES, AS FOLLOWS:
 - PERENNIAL RYE, 100%
 - ANNUAL RYE, 100%
 - AROSTOOK WINTER RYE, 100%
 - GRASS/LAWN AREA SEED SPECIES: STATE-CERTIFIED SEED OF GRASS SPECIES, AS FOLLOWS:
 - KENTUCKY BLUE GRASS: 40%
 - CREeping RED FESCUE GRASS: 25%
 - PERENNIAL RYE: 15%
 - TALL FESCUE OR SMOOTH BROMEGRASS: 20%
- PLANTING MATERIALS
- TOPSOIL: ASTM D 5268, PH RANGE OF 6.5 TO 7.5, A MINIMUM OF 6 PERCENT ORGANIC MATERIAL CONTENT AND A MAXIMUM OF 20 PERCENT; FREE OF STONES 1 INCH (25 MM) OR LARGER IN ANY DIMENSION AND OTHER EXTRANEUS MATERIALS HARMFUL TO PLANT GROWTH; NOT LESS THAN 20 PERCENT FINE TEXTURED MATERIAL C PASSING THE NO. 200 SIEVE, AND NOT MORE THAN 15 PERCENT CLAY; CONTAIN LESS THAN 500 PPM SOLUBLE SALTS.
 - TOPSOIL SOURCE: REUSE SURFACE SOIL STOCKPILED ON-SITE AND SUPPLEMENT WITH IMPORTED OR MANUFACTURED TOPSOIL FROM OFF-SITE SOURCES WHEN QUANTITIES OR QUALITY IS INSUFFICIENT. VERIFY SUITABILITY OF STOCKPILED SURFACE SOIL TO PRODUCE TOPSOIL.
 - TOPSOIL SOURCE: AMEND EXISTING IN-PLACE SURFACE SOIL TO PRODUCE TOPSOIL. VERIFY SUITABILITY OF SURFACE SOIL TO PRODUCE TOPSOIL. SURFACE SOIL MAY BE SUPPLEMENTED WITH IMPORTED OR MANUFACTURED TOPSOIL FROM OFF-SITE SOURCES.
 - INORGANIC SOIL AMENDMENTS:
 - LIME: ASTM C 602, CLASS T OR O, AGRICULTURAL LIMESTONE CONTAINING A MINIMUM 80 PERCENT CALCIUM CARBONATE EQUIVALENT.
 - ORGANIC SOIL AMENDMENTS
 - COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, PH RANGE OF 5.5 TO 8.
 - PEAT: SPHAGNUM PEAT MOSS, PARTIALLY DECOMPOSED, FINELY DIVIDED OR GRANULAR TEXTURE, WITH PH RANGE OF 3.4 TO 4.8.
 - PEAT: FINELY DIVIDED OR GRANULAR TEXTURE, WITH PH RANGE OF 6 TO 7.5, CONTAINING PARTIALLY DECOMPOSED MOSS PEAT, NATIVE PEAT, OR REED-SEDEGE PEAT AND HAVING WATER-ABSORBING CAPACITY OF 1100 TO 2000 PERCENT.
 - D. FERTILIZER:
 - COMMERCIAL FERTILIZER: COMMERCIAL-GRADE COMPLETE FERTILIZER OF NEUTRAL CHARACTER, CONSISTING OF FAST- AND SLOW-RELEASE NITROGEN, 50 PERCENT DERIVED FROM NATURAL/ORGANIC SOURCES OF UREA FORMALDEHYDE, PHOSPHORUS, AND POTASSIUM IN THE FOLLOWING COMPOSITION: 1 LB/1000 SQ. FT. (0.45 KG/92.9 SQ. M) OF ACTUAL NITROGEN, 4 PERCENT PHOSPHOROUS, AND 2 PERCENT POTASSIUM, BY WEIGHT.
 - SLOW-RELEASE FERTILIZER: GRANULAR OR PELLETTED FERTILIZER CONSISTING OF 50 PERCENT WATER-INSOLUBLE NITROGEN, PHOSPHORUS, AND POTASSIUM IN THE FOLLOWING COMPOSITION: 1 LB/1000 SQ. FT. (0.45 KG/92.9 SQ. M) OF ACTUAL NITROGEN, 10 PERCENT PHOSPHOROUS, AND 10 PERCENT POTASSIUM, BY WEIGHT.
 - COMPOSITION: 20 PERCENT NITROGEN, 10 PERCENT PHOSPHOROUS, AND 10 PERCENT POTASSIUM, BY WEIGHT.
 - MULCHES:
 - STRAW MULCH: PROVIDE AIR-DRY, CLEAN, MILDEW- AND SEED-FREE, SALT HAY OR THRESHED STRAW OF WHEAT, RYE, OATS, OR BARLEY. PEAT MULCH MAY BE REQUIRED IF SEEDDED LAWNS ARE SUBJECT TO HOT, DRY WEATHER OR DRYING WINDS WITHIN 30 DAYS OF PLANTING.
 - PEAT MULCH: SPHAGNUM PEAT MOSS, PARTIALLY DECOMPOSED, FINELY DIVIDED OR GRANULAR TEXTURE, WITH PH RANGE OF 3.4 TO 4.8.
 - PEAT MULCH: FINELY DIVIDED OR GRANULAR TEXTURE, WITH PH RANGE OF 6 TO 7.5, CONTAINING PARTIALLY DECOMPOSED MOSS PEAT, NATIVE PEAT, OR REED-SEDEGE PEAT AND HAVING WATER-ABSORBING CAPACITY OF 1100 TO 2000 PERCENT.
 - COMPOST MULCH: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, PH RANGE OF 5.5 TO 8.
 - UTILIZE MULCH ANCHORING METHOD OR MATERIAL AS REQUIRED BY NYS STANDARD SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (PEG & TWINE, MULCHING NETTING, WOOD CELLULOSE, TACKIFIER, OR MECHANICAL METHODS)

EXECUTION

- LAWN PREPARATION
- NEEDED GRADED SUBGRADES: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4 INCHES (100 MM). REMOVE STONES LARGER THAN 1 INCH (25 MM) IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEUS MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
 - APPLY SUPERPHOSPHATE FERTILIZER DIRECTLY TO SUBGRADE BEFORE LOOSENING.
 - THOROUGHLY BLEND PLANTING SOIL MIX OFF-SITE BEFORE SPREADING OR SPREAD TOPSOIL. APPLY SOIL AMENDMENTS AND FERTILIZER ON SURFACE, AND THOROUGHLY BLEND PLANTING SOIL MIX.
 - SPREAD PLANTING SOIL MIX TO A DEPTH OF 4 INCHES (100 MM) BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER LIGHT ROLLING AND NATURAL SETTLEMENT. DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET.
 - FINISH GRADING: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH (13 MM) OF FINISH ELEVATION. ROLL AND RAKE. REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES. LIMIT FINE GRADING TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE.
 - MOISTEN PREPARED LAWN AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
 - RESTORE AREAS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING AND BEFORE PLANTING.

- TEMPORARY EROSION AND SEDIMENTATION CONTROL
- PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS, ACCORDING TO A SEDIMENT AND EROSION CONTROL PLAN, SPECIFIC TO THE SITE THAT COMPLIES WITH NYS DEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY, GP-01-15-002.
 - THE OPERATOR SHALL INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THEN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAVE TEMPORARILY OR PERMANENTLY CEASED. THIS REQUIREMENT DOES NOT APPLY IN THE FOLLOWING INSTANCES:
 - WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - SEED WITH 24 HOURS OF DISTURBANCE OR LOOSEN SCARIFY THE SOIL SURFACE PRIOR TO SEEDING.
 - SPRING, SUMMER OR EARLY FALL TEMPORARY SEEDING: ANNUAL OR PERENNIAL RYE GRASS AT A RATE OF 30 LBS/AC. (PERENNIAL RYE GRASS MUST BE UTILIZED WHERE FINAL GRADING ACTIVITIES WILL NOT BE COMPLETED UNTIL THE FOLLOWING SPRING).
 - LATE FALL OR EARLY WINTER TEMPORARY SEEDING: CERTIFIED 'AROSTOOK' WINTER RYE AT A RATE OF 100 LBS/AC.
 - MULCH HAY OR STRAW AT A RATE OF 2 TONS/ACRE (APPROXIMATELY 90 BALES PER ACRE). MULCH ANCHORING WILL BE REQUESTED WHERE WIND OR AREAS OF WATER ARE OF CONCERN. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL MAY BE USED IF APPLIED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

- PERMANENT SEEDING
- SOWING RATES VARY WITH GRASS SPECIES AND MIXTURES.
 - SOE SEED AT THE RATE OF 6 LB/1000 SQ. FT. (250 LB/AC).
 - RAKE SEED LIGHTLY INTO TOP 1/8 INCH (3 MM) OF TOPSOIL. ROLL LIGHTLY, AND WATER WITH FINE SPRAY.
 - MULCH WITH STRAW AT A RATE OF 2 TONS/ACRE (APPROXIMATELY 90 BALES PER ACRE). MULCH ANCHORING WILL BE REQUESTED WHERE WIND OR AREAS OF WATER ARE OF CONCERN. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL MAY BE USED IF APPLIED ACCORDING TO MANUFACTURERS SPECIFICATIONS.
- SATISFACTORY LAWNS
- SATISFACTORY SEEDED LAWN: AT END OF MAINTENANCE PERIOD, A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED, FREE OF WEEDS AND SURFACE IRREGULARITIES, WITH COVERAGE EXCEEDING 90 PERCENT OVER ANY 10 SQ. FT. (0.92 SQ. M) AND BARE SPOTS NOT EXCEEDING 5 BY 5 INCHES (125 BY 125 MM.)
 - VEGETATION SHALL BE ESTABLISHED AS SOON AFTER CONSTRUCTION AS POSSIBLE TO ENSURE PROTECTION FROM EROSION. IF RILLING OCCURS, REGRADE AND USE FABRIC OR JUTE MESH TO PROTECT AREA.
 - REESTABLISH LAWNS THAT DO NOT COMPLY WITH REQUIREMENTS AND CONTINUE MAINTENANCE UNTIL LAWNS ARE SATISFACTORY.



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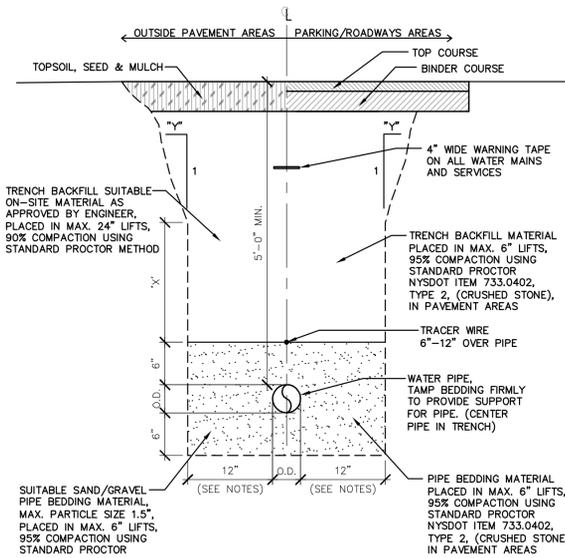


SAMARITAN MEDICAL CENTER
 SECONDARY LOADING DOCK PROJECT
 830 WASHINGTON STREET
 CITY OF WATERTOWN
 JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO:	2017-099
SCALE:	AS NOTED
DRAWN BY:	TFT
CHECKED BY:	MRM
ISSUE DATES:	07/18/2017

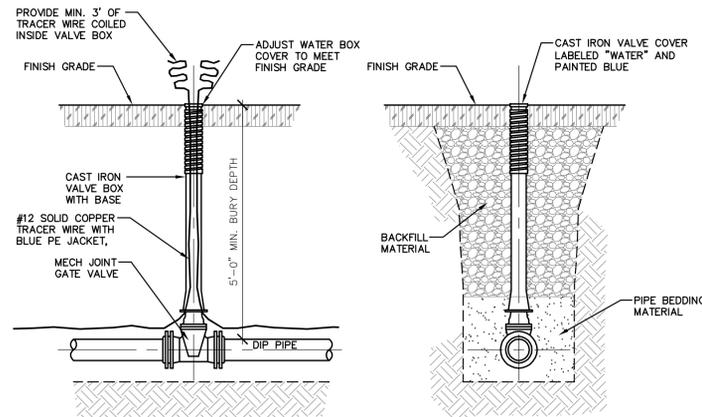
EROSION AND SEDIMENT CONTROL DETAILS

CG5001

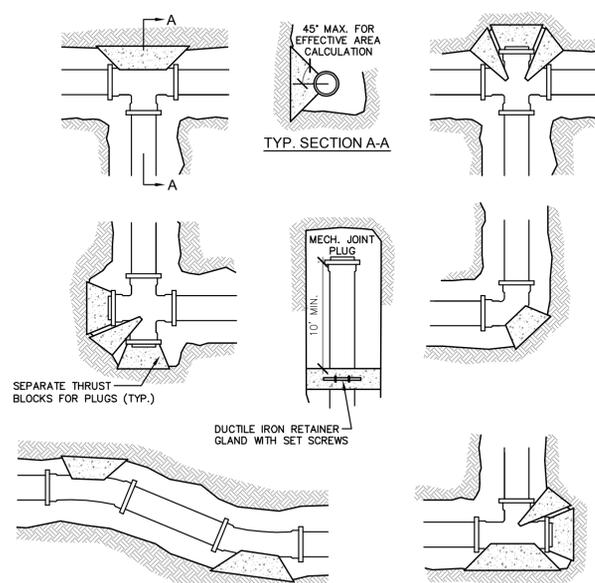


- NOTES**
- DIMENSIONS "X" AND "Y" SHOWN ABOVE SHALL BE DETERMINED BY CONTRACTOR TO COMPLY WITH O.S.H.A., NEW YORK STATE DEPARTMENT OF LABOR, NEW YORK STATE INDUSTRIAL CODE AND ALL OTHER APPLICABLE SAFETY STANDARDS.
 - SAFETY SHEETING OR TRENCH BOX MAY BE USED IN PLACE OF SLOPED TRENCH WALLS.
 - SHEETING, WHEN REQUIRED, TO BE CUT OFF AT LEAST 5 FEET BELOW STREET AND A MINIMUM OF 1 FOOT ABOVE TOP OF PIPE. WOOD SHEETING DRIVEN BELOW MID-DIAMETER OF THE PIPE SHALL BE LEFT IN PLACE. STEEL SHEETING DRIVEN BELOW MID-DIAMETER MAY BE WITHDRAWN IF APPROVED IN WRITING BY THE ENGINEER. FOR PVC PIPE ALL SHEETING DRIVEN BELOW MID-DIAMETER SHALL BE LEFT IN PLACE.
 - TRENCHES LOCATED WITHIN 5' OF ROAD SHOULDERS SHALL BE TREATED THE SAME AS UNDER PAVEMENT.
 - PIPE TO TRENCH WALL DISTANCE MAY BE REDUCED WHEN INSTALLED IN SAWCUT ROCK TRENCH.
 - PROVIDE WARNING TAPE AT ALL UNDERGROUND UTILITIES.
 - PROVIDE #12 SOLID COPPER TRACER WIRE WITH PE JACKET, COLOR CODED PER UTILITY (BLUE-WATER).

1 TYPICAL WATER TRENCH DETAIL
NOT TO SCALE



2 TYPICAL WATER GATE VALVE AND BOX DETAIL
NOT TO SCALE

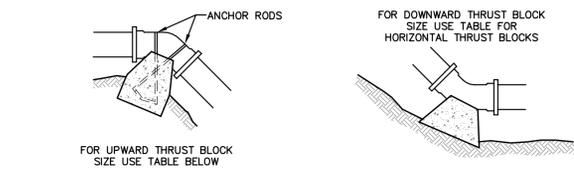


3 TYPICAL HORIZONTAL THRUST BLOCK DETAIL
NOT TO SCALE

ANCHOR SCHEDULE

NOMINAL PIPE SIZE	150 P.S.I. HYDROSTATIC PRESSURE AGAINST UNDISTURBED SOIL, AT 2000 P.S.F. BRNG. CAPACITY					150 P.S.I. HYDROSTATIC PRESSURE AGAINST ROCK TRENCH, AT 10,000 P.S.F. BRNG. CAPACITY				
	11-1/4' BEND	22-1/2' BEND	45° BEND	90° BEND	PLUG OR TEE	11-1/4' BEND	22-1/2' BEND	45° BEND	90° BEND	PLUG OR TEE
4"	1.0	1.0	1.0	1.9	1.4	1.0	1.0	1.0	1.0	1.0
6"	1.0	1.1	2.1	4.0	2.8	1.0	1.0	1.0	1.0	1.0
8"	1.0	1.9	3.7	6.8	4.8	1.0	1.0	1.0	1.4	1.0
10"	1.4	2.8	5.6	10.3	7.3	1.0	1.0	1.1	2.1	1.5
12"	2.0	4.0	7.9	14.5	10.3	1.0	1.0	1.6	2.9	2.1
14"	2.7	5.4	10.6	19.5	13.8	1.0	1.1	2.1	3.9	2.8
16"	3.5	7.0	13.6	25.2	17.8	1.0	1.4	2.7	5.0	3.6
18"	4.4	8.7	17.1	31.7	22.4	1.0	1.7	3.4	6.3	4.5
20"	5.4	10.7	21.0	38.9	27.5	1.2	2.1	4.2	7.8	5.5
24"	7.7	15.3	30.0	55.5	39.2	1.5	3.1	6.0	11.1	7.8

3 TYPICAL HORIZONTAL THRUST BLOCK DETAIL
NOT TO SCALE (DIP USE ONLY)

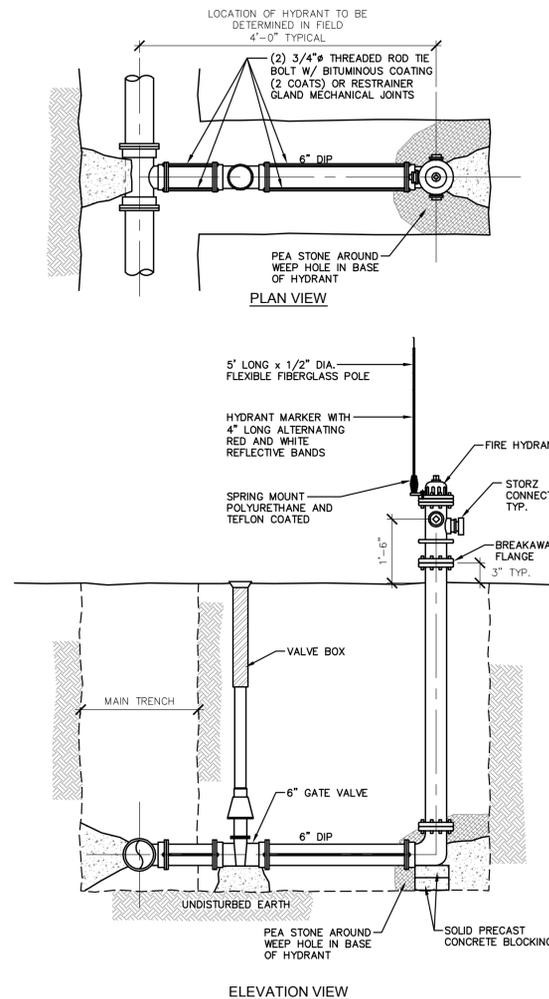


4 TYPICAL VERTICAL THRUST BLOCK DETAIL
NOT TO SCALE

ANCHOR SCHEDULE

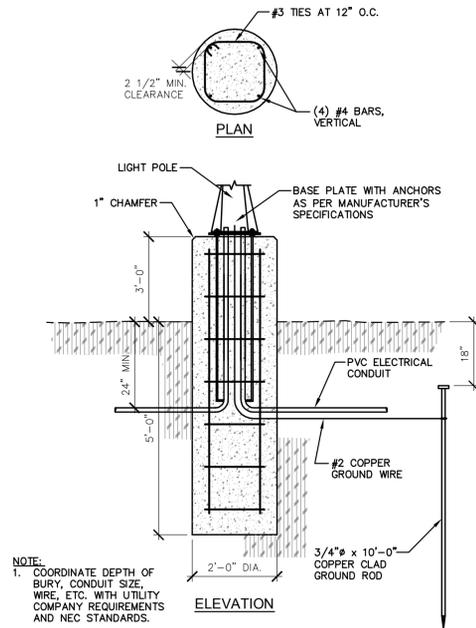
NOMINAL PIPE SIZE	150 P.S.I. HYDROSTATIC PRESSURE					
	11-1/4' BEND		22-1/2' BEND		45° BEND	
	CONCRETE VOLUME (CU. YDS.)	ANCHOR ROD (DIA.)	EMBED LENGTH	CONCRETE VOLUME (CU. YDS.)	ANCHOR ROD (DIA.)	EMBED LENGTH
4"	0.2	3/8"	0.4	3/8"	3/8"	1'-2"
6"	0.4	3/8"	0.7	3/8"	3/8"	1'-2"
8"	0.8	3/8"	1.2	3/8"	3/8"	1'-2"
10"	0.9	3/8"	1.7	3/8"	3/8"	1'-2"
12"	1.3	3/8"	2.5	1/2"	3/8"	1'-6"
14"	1.7	3/8"	3.3	1/2"	3/8"	1'-6"
16"	2.2	3/8"	4.3	1/2"	3/8"	1'-6"
18"	2.7	1/2"	5.4	5/8"	1/2"	2'-0"
20"	3.3	1/2"	6.6	5/8"	1/2"	2'-0"
24"	4.7	5/8"	9.4	3/4"	5/8"	2'-3"

4 TYPICAL VERTICAL THRUST BLOCK DETAIL
NOT TO SCALE (DIP USE ONLY)

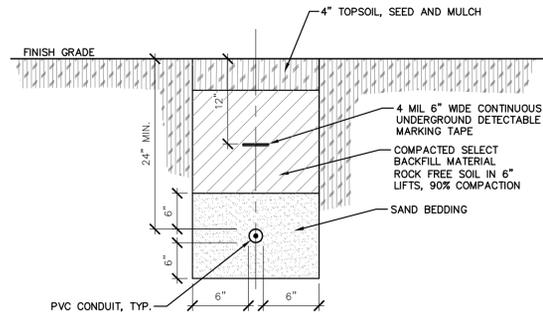


5 TYPICAL FIRE HYDRANT ASSEMBLY DETAIL
NOT TO SCALE (DIP USE ONLY)



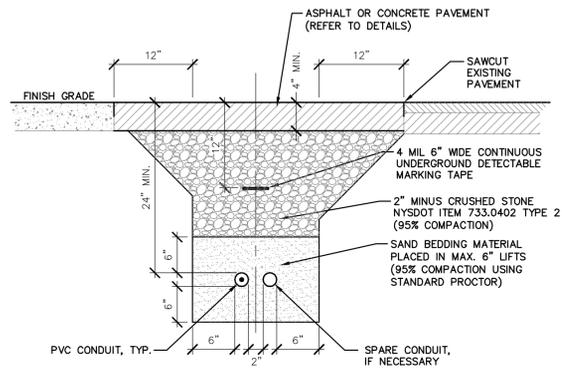


1 TYPICAL LIGHT POLE BASE DETAIL
NOT TO SCALE



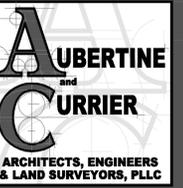
- NOTES:**
1. CONTRACTOR SHALL FIELD VERIFY AND MATCH EXISTING SIZE AND TYPE OF CONDUCTORS.
 2. PVC CONDUIT SHALL BE SCHEDULE 40.
 3. SECONDARY ELECTRIC SHALL BE MIN. 1" PVC CONDUIT. WIRE SIZES SHALL BE IN ACCORDANCE WITH NEC REQUIREMENTS.
 4. ALL BURIAL TYPE CONDUITS, SIZES, NUMBER, AND WIRES SHALL BE COORDINATED WITH THE RESPECTIVE UTILITIES.
 5. WIDTH OF TRENCH IS DEPENDENT UPON THE NUMBER OF CONDUITS AND ARRANGEMENT REQUIRED.

2 TYPICAL SECONDARY ELECTRIC TRENCH IN LAWN AREA DETAIL
NOT TO SCALE



- NOTES:**
1. CONTRACTOR SHALL FIELD VERIFY AND MATCH EXISTING SIZE AND TYPE OF CONDUCTORS.
 2. PVC CONDUIT SHALL BE SCHEDULE 40.
 3. SECONDARY ELECTRIC SHALL BE MIN. 1" PVC CONDUIT. WIRE SIZES SHALL BE IN ACCORDANCE WITH NEC REQUIREMENTS.
 4. ALL BURIAL TYPE CONDUITS, SIZES, NUMBER, AND WIRES SHALL BE COORDINATED WITH THE RESPECTIVE UTILITIES.
 5. WIDTH OF TRENCH IS DEPENDENT UPON THE NUMBER OF CONDUITS AND ARRANGEMENT REQUIRED.

3 TYPICAL SECONDARY ELECTRIC TRENCH IN ASPHALT OR CONCRETE AREA DETAIL
NOT TO SCALE



522 Bradley Street
Watertown, New York 13601

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Fax: (315)782-1472

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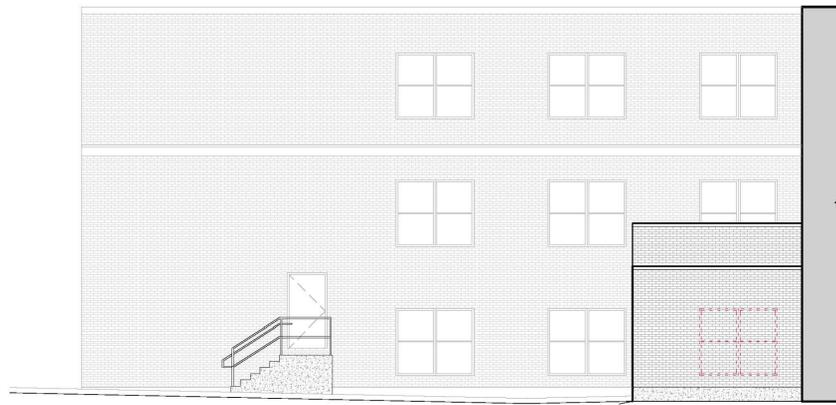


**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO: 2017-099
SCALE: AS NOTED
DRAWN BY: TFT
CHECKED BY: MRM
ISSUE DATES: 07/18/2017

SITE ELECTRIC AND
NATURAL GAS DETAILS

CU501

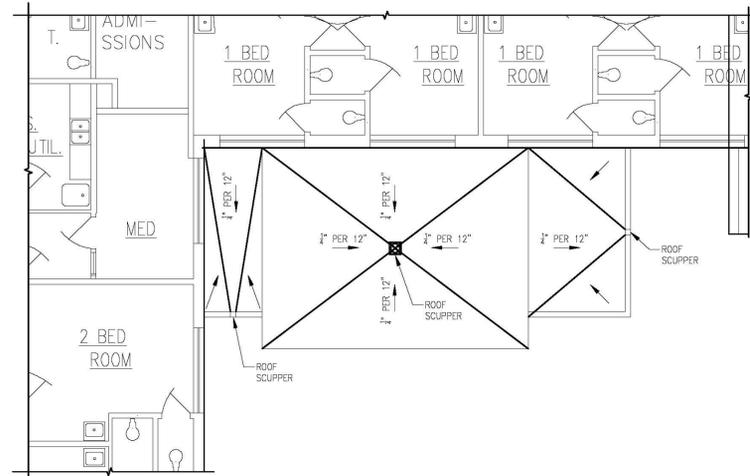


2 EXTERIOR ELEVATION
1/8"=1'-0"

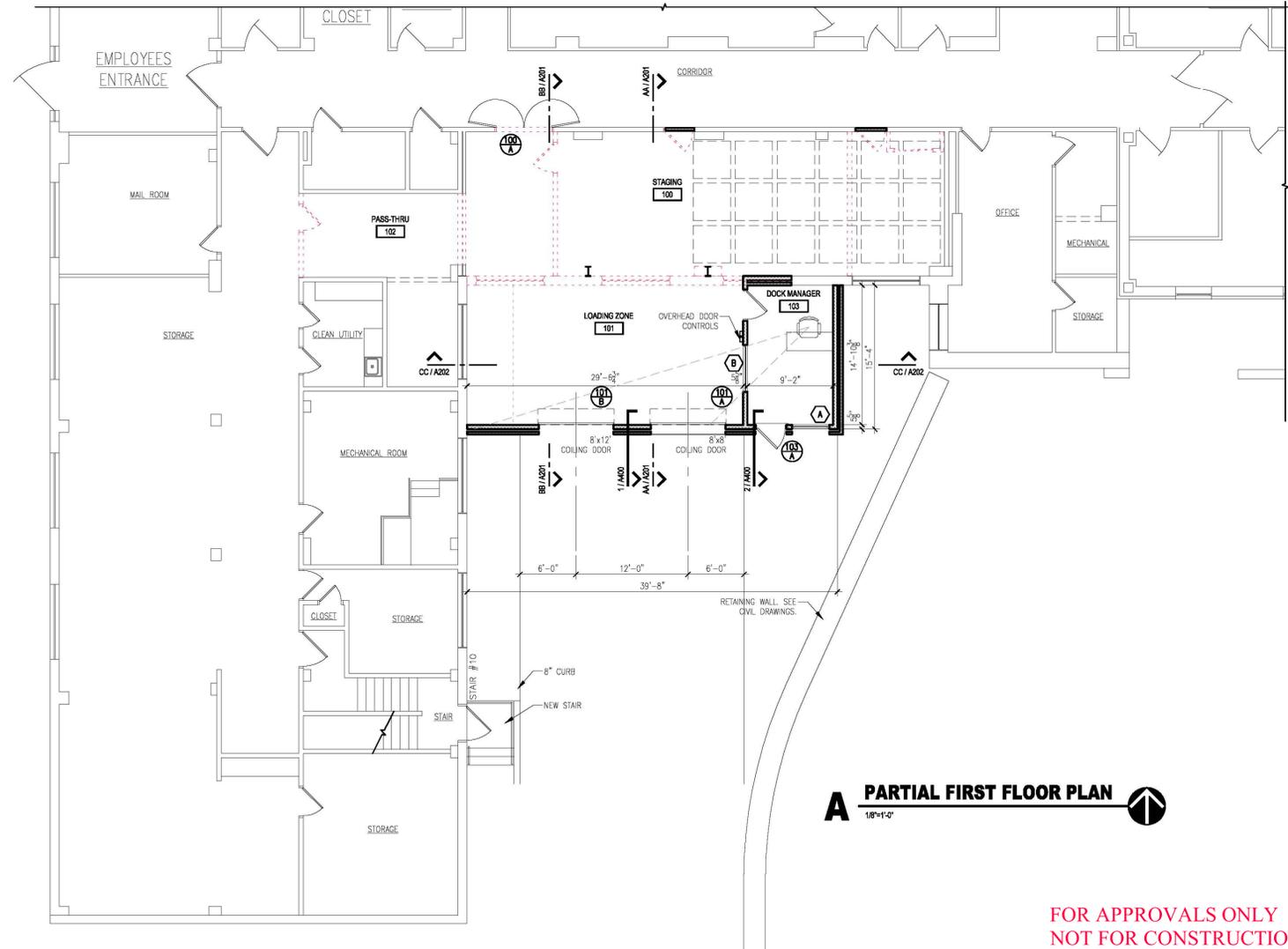


1 EXTERIOR ELEVATION
1/8"=1'-0"

- ELEVATION KEY NOTES**
- 1 REMOVE EXISTING WINDOW UNITS AND INSTALL NEW WINDOW UNITS IN EXISTING OPENING.
 - 2 INFILL PORTION OF EXISTING WINDOW OPENING WITH SIMILAR CONSTRUCTION MATERIALS TO EXISTING TO REMAIN. SEE ARCHITECTURAL SECTIONS FOR DETAILS.
 - 3 DOCK LOCK SYSTEM TO BE INSTALLED AT LOADING DOCK BAY 1.
 - 4 PROVIDE LOADING DOCK PERIMETER SEAL AND BUMPER SYSTEM AT OPENING.



B PARTIAL SECOND FLOOR AND ROOF PLAN
1/8"=1'-0"



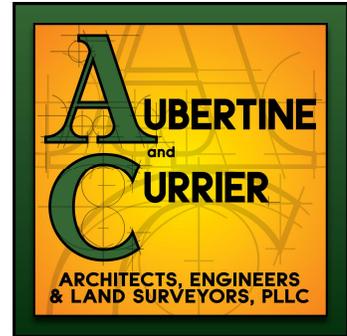
A PARTIAL FIRST FLOOR PLAN
1/8"=1'-0"

FOR APPROVALS ONLY
NOT FOR CONSTRUCTION

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PRELIMINARY ENGINEERING REPORT

**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, NEW YORK**



**Owner: Samaritan Medical Center
830 Washington Street
Watertown, NY 13601**

July 18, 2017

**Matthew R. Morgia, P.E.
Civil Engineer**

The above Engineer states that to the best of his knowledge, information and belief, the plans and specifications are in accordance with applicable requirements of New York State. It is a violation of New York State Law for any person, unless acting under the direction of a licensed professional engineer to alter this document in any way. If altered, such licensee shall affix his or her seal and the notation "altered by" followed by his or her signature, date, and a specific description of alteration.

Aubertine and Currier Architects, Engineers & Land Surveyors, PLLC
522 Bradley Street Watertown, New York 13601 TELE: (315) 782-2005 FAX: (315) 782-1472

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 - 2.2 Proposed Water Facilities

- 3.0 Sanitary Sewer Facilities
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Appendices

Appendix 1: Location Map
City of Watertown Zoning Map
Soils Map
Soils Description

Appendix 2: Hydrologic and Hydraulic Analysis

1.0 SITE AND PROJECT DESCRIPTIONS

1.1 Location

Samaritan Medical Center (SMC) is located within the City of Watertown and fronts on three city streets, with Washington Street to the east, Woodruff Street to the north and Sherman Street to the west. The former Pratt Street enters the rear central area of the property from the west, Sherman Street. The site includes the main hospital building located on Tax Map Parcel No. 14-02-101-110 and a medical office building and parking garage located on Tax Map Parcel No. 14-02-101-120. These parcels are zoned HS – Health Services.

1.2 Project Description

Samaritan Medical Center is a 290 bed medical center that includes approximately 444,430 SF of gross floor area. The main hospital building was originally constructed in the 1970's. Throughout the years there has been numerous expansion, renovation and additions to the original building. The most recent expansions included the Patient Pavilion, Parking Garage, the Cancer Center Addition currently under construction, and the pending Women's and Children's Center scheduled in 2018.

The Secondary Loading Dock project will be located along the southern wall of the western service wing of the existing building, near the intersection of Pratt Street and Sherman Street. This project consists of 640 sf loading dock addition and associated site amenities. Associated site amenities include a 2,300 sf heated concrete loading dock, reconstructed asphalt drive and parking areas, concrete walks, water, gas, electric and communication utility relocations, grading and drainage improvements, site lighting, and landscaping.

1.3 Site Topography

The project site consists of pre-developed area with varying slopes. Most of the runoff is primarily sheet flow to existing on-site drainage structures within former Pratt Street. Runoff is collected and conveyed thru the sites storm sewer piping system and to the City of Watertown's municipal storm sewer system located near the intersection of Sherman Street and Pratt Street.

The existing asphalt entrance drives are fairly steep with slopes varying from 4% to 6%. The asphalt parking areas are flatter with slopes that vary between 1% and 3%. The lawn area adjacent to the location of the proposed building addition is very steep with slopes between 20% and 40% sloping north toward Samaritan Medical Center.

The developed area of the project is not located within a 100 year flood plain.

1.4 Soil Classification

The project site contains soil of Hydrologic group C/D. The native soil is silt loam. The following soil type is present within the project area.

<u>Soil Symbol</u>	<u>Soil Name</u>	<u>Hydrologic Group</u>
Ur	Urban Land	C/D

A copy of the NRCS Web Soil Survey and Jefferson County Soils data are attached.

2.0 WATER FACILITIES

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2.1 Existing Water Facilities

There are municipal water mains within Sherman Street, within the former Pratt Street, and within the secondary access drive to the neighboring apartment complex located south of the SMC property. An existing 10" municipal water main is located within the former Pratt Street 25' water main easement which travels through the project site. An 8" water main connects to the former Pratt Street main and is looped thru the neighboring property, and eventually connects to Washington Street. A 6" water line extends from the former Pratt Street water main to the Samaritan Medical Center approximately 125' east of the proposed loading dock addition, and serves as a backup secondary domestic supply to the hospital. There is a fire hydrant located approximately 150' south of the proposed loading dock addition in a grassed island adjacent to the existing asphalt entrance drive. A 6" combined fire and domestic water service connects to the former Pratt Street and serves the Samaritan Keep Nursing Home to the south. The Samaritan Medical Center and Samaritan Keep nursing are both sprinklered facilities.

2.2 Proposed Water Facilities

No water services are proposed for the Secondary Loading Dock project. Due to the regrading necessary for the proposed loading dock, a portion of the 10" water main located within the former Pratt Street and the water main within the connected asphalt drive to the south will be relocated to maintain proper bury depth. Approximately 200' of 10" water main within the former Pratt Street, and 200' of 8" water main within the southern secondary access road require lowering and relocation. The fire hydrant located approximately 150' south of the proposed loading dock addition will be replaced in kind. An additional hydrant will be installed west of the Samaritan Keep Nursing Home.

3.0 SANITARY SEWER FACILITIES

3.1 Existing Sanitary Sewer Facilities

An existing 8" sanitary sewer main that flows west is located within Pratt Street. An existing sanitary sewer lateral connects to the sanitary sewer main located at the intersection of Sherman Street and Pratt Street. The southwest portion of Samaritan Medical Center adjacent to the project area is served by an existing 8" sewer lateral that runs diagonal from the western portion of Samaritan Medical Center to a manhole located at the intersection of Sherman Street and Pratt Street. The sewer subsequently discharges west into the sanitary sewer main within Pratt Street.

3.2 Proposed Sanitary Sewer Facilities

No sanitary sewer utilities are proposed as part of this project.

4.0 STORMWATER FACILITIES

4.1 Existing Drainage

This portion of the Samaritan Medical Center complex has two points of discharge for stormwater into the City of Watertown's municipal system. The northern portion of the project area drains west ultimately discharging into the Pratt Street municipal storm sewer. The southern portion of the project area drains to a catch basin where runoff is conveyed east ultimately discharging into the Washington Street municipal storm sewer.

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On-site runoff for the northern project area is generally from east to west via sheet flow across impervious surfaces and lawn areas. Runoff drains west via sheet flow until discharging into one of multiple on-site drainage structures. After reaching a drainage structure, stormwater is conveyed west to the municipal storm manhole located in the center of Pratt Street.

On-site runoff for the southern project area is generally from south to north via sheet flow across impervious surfaces and lawn areas. Runoff is collected within a catch basin located within the asphalt access drive adjacent to the Samaritan Keep Nursing Home. Runoff is then conveyed east via storm sewer ultimately discharging to the Washington Street municipal storm sewer.

The existing site drainage and runoff conditions were analyzed utilizing the Rational Method. HydroCAD calculations can be found in Appendix #2. Runoff calculations were completed for the 10, 25, 50 and 100 year, 24 hour storm events. Peak discharge from the 25 year, 24 hour, storm event has been utilized for design and discussion purposes. The existing condition 25 year site discharge to Pratt Street is 0.08 CFS and the discharge to Washington Street is 0.03 CFS.

4.2 Proposed Drainage

The proposed Secondary Loading Dock project requires significant grade alterations to allow access to the lower level western service wing loading and unloading operations. All runoff associated with the project area ultimately discharges into the Pratt Street municipal storm sewer post-construction. Multiple drainage structures and storm piping will be installed to improve on-site drainage collection of the reconstructed asphalt parking areas, asphalt drives and the proposed concrete loading dock. Stormwater water generally drains north and west, to former Pratt Street, via sheet flow across impervious surfaces and lawn areas until being collected by one of multiple on-sit drainage structures. After reaching a drainage structure, stormwater is conveyed west, within former Pratt Street, to the municipal storm manhole located in the center of Pratt Street, at the Sherman Street intersection.

The proposed conditions 25 year, 24 hour storm, peak discharge to Pratt Street is 0.13 CFS. The minor increase in peak runoff to Pratt Street from the existing condition of the project site is due primarily to the relatively small 0.15 acre increase in impervious area resulting from the proposed loading dock and associated site amenities. No additional runoff from the project site will discharge to Washington Street post construction.

5.0 ROADS / DRIVEWAYS

5.1 Existing Roads / Driveways

The project site is accessed from Sherman Street thru an existing asphalt entrance drive that was formerly a portion of Pratt Street. The access drive connects to multiple parking lots adjacent to the southwest portion of Samaritan Medical Center, the Samaritan Keep Nursing Home and an SMC office building located along Sherman Street. The access drive and parking lots are utilized by SMC employees and hospital visitors. An access drive connects to the former Pratt Street and services the Samaritan Keep nursing Home, and services as a secondary apartment complex to the south. The southern drive is located within an easement across a portion of property owned by the neighboring apartment complex.

5.2 Proposed Roads / Driveways

The Secondary Loading Dock project includes construction of a 2,300 sf heated concrete loading dock pad that facilitates access to the 640 sf loading dock addition. The project also includes the reconstruction of multiple existing asphalt parking areas and the widening of the asphalt drive perpendicular to the Former Pratt Street entrance drive.

5.3 Traffic and Parking

An overall parking analysis was recently performed for the entire Samaritan Medical Campus in 2016. Analysis of the parking needs associated with the Cancer Center and Women's and Children's Center additions were also completed in 2016. The resulting number of parking spaces required were calculated as 1,227 total spaces. Following construction of those expansions, 1,230 total parking spaces will exist.

The proposed Secondary Loading Dock project consists of a 640 sf building addition that will be utilized as storage area and as load/unload area. Per City of Watertown Zoning Section 310-50, no additional parking is required for storage area uses.

Trip generation calculations were not performed for this project. Samaritan Medical Center is a 290 bed medical facility. The bed count will not be increased as a result of the proposed building addition. Trip generation calculations were performed utilizing data from the ITE Trip Generation Manual, 7th Edition. The resulting anticipated trips are based upon bed count and the trip count should not be impacted by the proposed loading dock addition to the existing building. The weekday AM Peak Hour generates approximately 233 trips/hour entering and 126 trips/hour exiting. The weekday PM Peak Hour generates approximately 163 trips/hour entering and 255 trips/hour exiting. The Saturday Peak Hour generates approximately 136 trips/hour entering and 154 trips/hour exiting. The Sunday Peak Hour generates approximately 134 trips/hour entering and 165 trips/hour exiting.

6.0 PRIVATE UTILITIES

6.1 Gas, Electric, Telephone and Cable

There are existing electric, gas, cable, and telephone services to the existing building. No new services are proposed as part of any of these projects, at this time. Existing electric, communication and gas utilities will be relocated to maintain proper bury depths due to regrading requirements of the site.

7.0 LIGHTING

7.1 Existing Site Lighting

The existing site lighting for the project site is provided by twelve (12) pole mounted fixtures located along the asphalt entrance drives and adjacent parking lots.

7.2 Proposed Site Lighting

The existing pole mounted fixtures along the asphalt entrance drive and parking lots will remain and continue to provide site lighting post construction. Three (3) proposed pole mounted fixtures provide site lighting for the expanded asphalt drive and two (2) proposed wall mounted site lights are provided on the proposed Secondary Loading Dock addition which provide site lighting for the loading dock area.

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8.0 LANDSCAPING

8.1 Existing Landscaping

The project site contains multiple deciduous trees of varying size along the asphalt entrance drives and along the perimeter of the asphalt parking areas. Multiple retaining walls, small trees and landscaped areas are located along the existing building.

8.2 Proposed Landscaping

Four (4) small to medium deciduous trees are provided directly northwest of the intersection of the proposed concrete loading pad and the reconstructed asphalt entrance drive. Landscape shrubs are provided in the lawn areas between the reconstructed parking areas east of the proposed concrete loading dock pad. A proposed retaining wall is also located along the eastern edge of the proposed concrete loading dock pad.

Sincerely,
Aubertine and Currier Architects, Engineers & Land Surveyors, P.L.L.C.

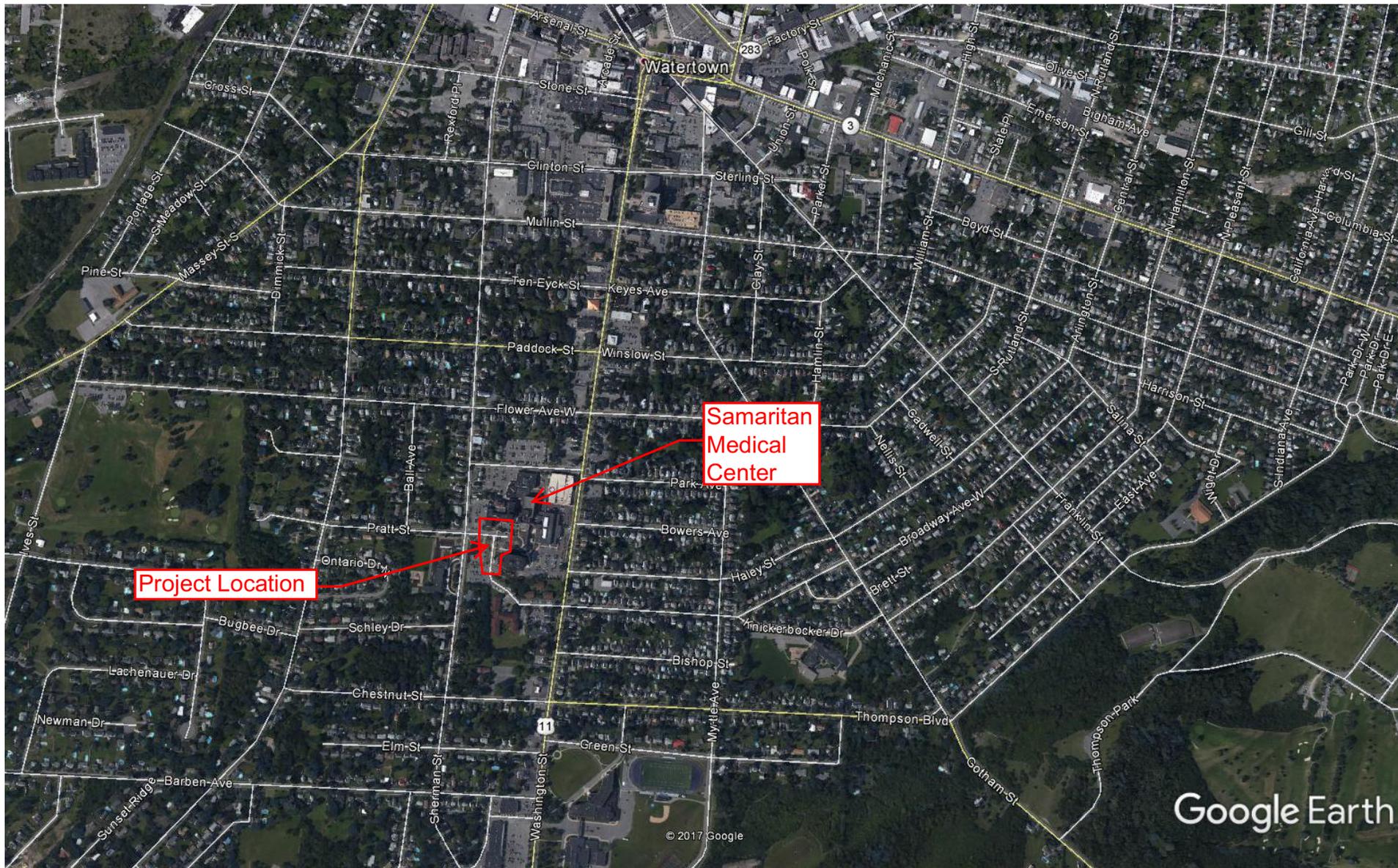


Matthew R. Morgia, P.E.
Civil Engineer

APPENDIX #1

**LOCATION MAP
CITY OF WATERTOWN ZONING MAP
SOILS MAP
SOILS DESCRIPTION**

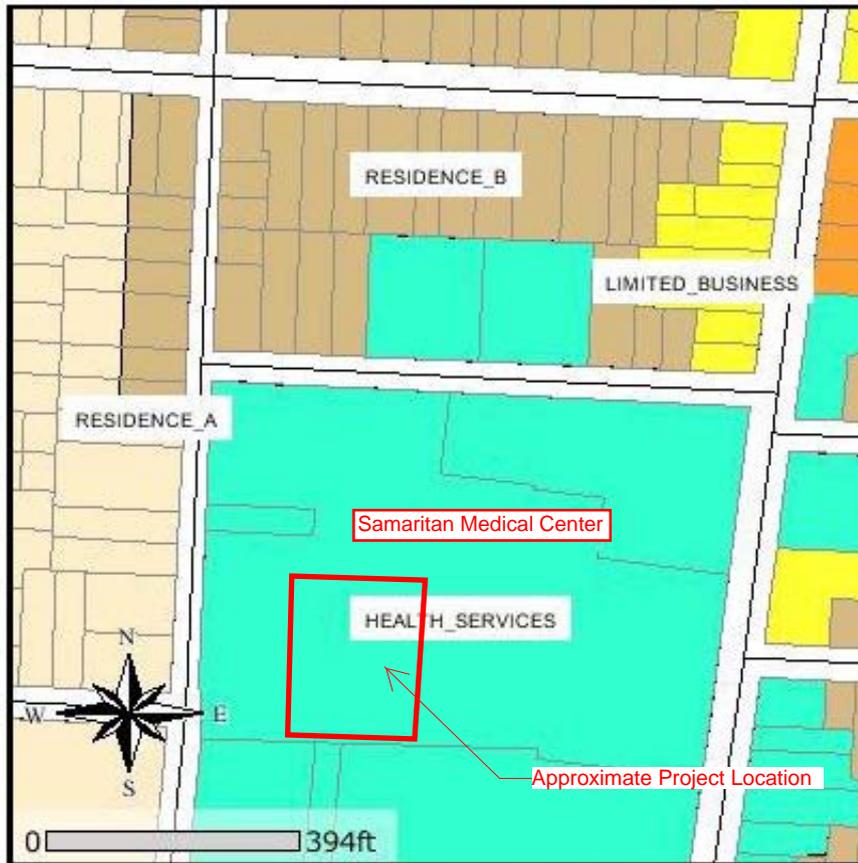
SMC Secondary Loading Dock Project Location Map



Google Earth



SMC Zoning Map



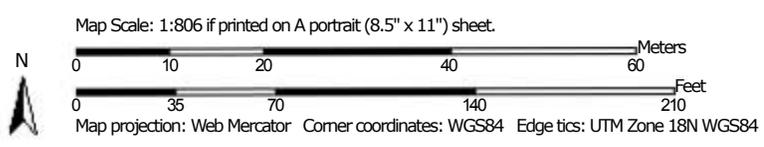
April 12, 2010

Disclaimer: This map was prepared by the City of Watertown Internet Mapping Application. The information was compiled using the most current data available. It is deemed accurate,

Soil Map—Jefferson County, New York
(SMC Secondary Loading Dock)



Soil Map may not be valid at this scale.



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Jefferson County, New York
Survey Area Data: Version 13, Sep 24, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 11, 2011—Jul 2, 2011

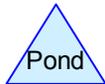
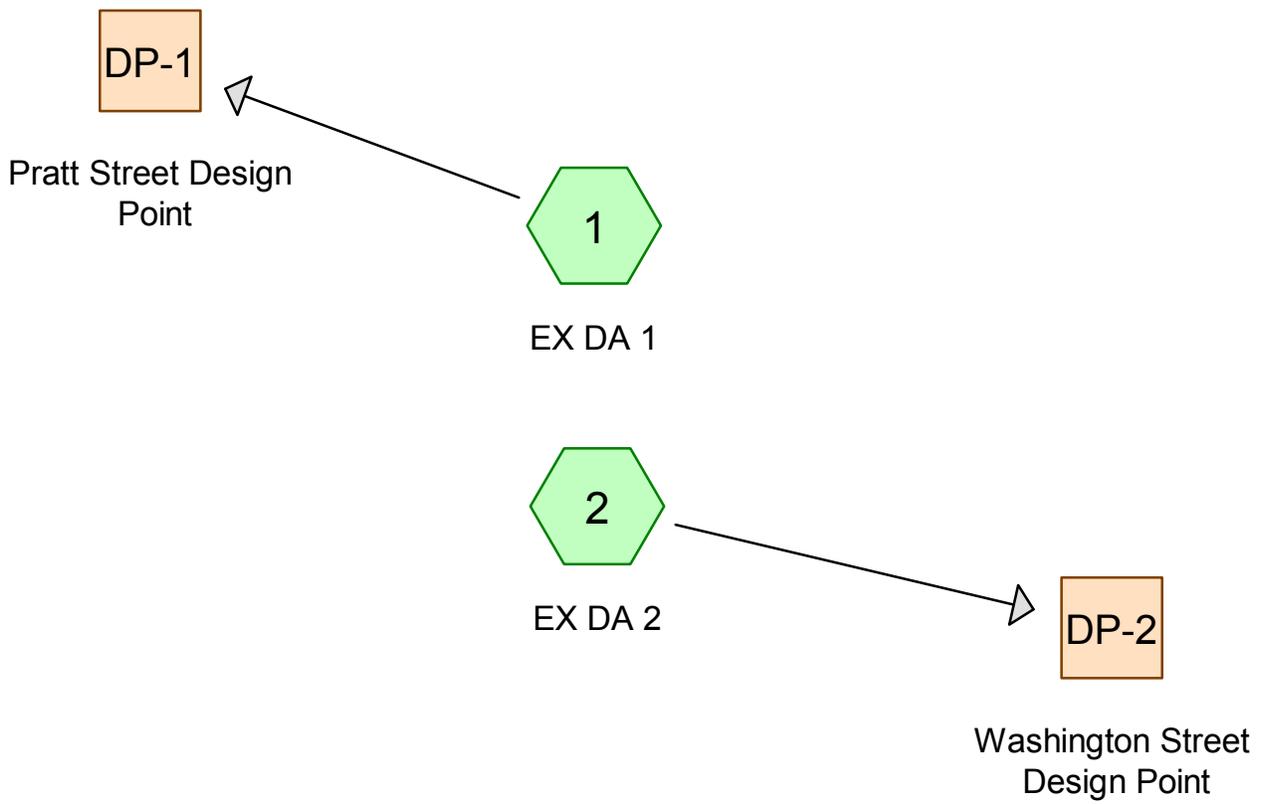
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Jefferson County, New York (NY045)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ur	Urban land	1.8	100.0%
Totals for Area of Interest		1.8	100.0%

APPENDIX #2

HYDROLOGIC AND HYDRAILIC ANALYSIS



2017-099.001 Existing

Prepared by Microsoft

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Printed 7/18/2017

Page 2

Area Listing (all nodes)

Area (acres)	C	Description (subcatchment-numbers)
0.640	0.95	Impervious (1, 2)
0.300	0.15	Lawn Area, 'C' Soil (1, 2)
0.940	0.69	TOTAL AREA

2017-099.001 Existing

Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
0.000	HSG C	
0.000	HSG D	
0.940	Other	1, 2
0.940		TOTAL AREA

2017-099.001 Existing

Prepared by Microsoft

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Page 4

Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.000	0.640	0.640	Impervious	1, 2
0.000	0.000	0.000	0.000	0.300	0.300	Lawn Area, 'C' Soil	1, 2
0.000	0.000	0.000	0.000	0.940	0.940	TOTAL AREA	

2017-099.001 Existing

Jefferson County SE 10-yr Duration=1,440 min, Inten=0.14 in/hr

Prepared by Microsoft

Printed 7/18/2017

HydroCAD® 10.00-14 s/n 03261 © 2015 HydroCAD Software Solutions LLC

Page 5

Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: EX DA 1

Runoff Area=0.710 ac 64.79% Impervious Runoff Depth>0.28"
Flow Length=240' Tc=5.0 min C=0.67 Runoff=0.07 cfs 0.016 af

Subcatchment 2: EX DA 2

Runoff Area=0.230 ac 78.26% Impervious Runoff Depth>0.32"
Flow Length=87' Tc=8.5 min C=0.78 Runoff=0.03 cfs 0.006 af

Reach DP-1: Pratt Street Design Point

Inflow=0.07 cfs 0.016 af
Outflow=0.07 cfs 0.016 af

Reach DP-2: Washington Street Design Point

Inflow=0.03 cfs 0.006 af
Outflow=0.03 cfs 0.006 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.022 af Average Runoff Depth = 0.29"
31.91% Pervious = 0.300 ac 68.09% Impervious = 0.640 ac

Summary for Subcatchment 1: EX DA 1

Runoff = 0.07 cfs @ 0.09 hrs, Volume= 0.016 af, Depth> 0.28"

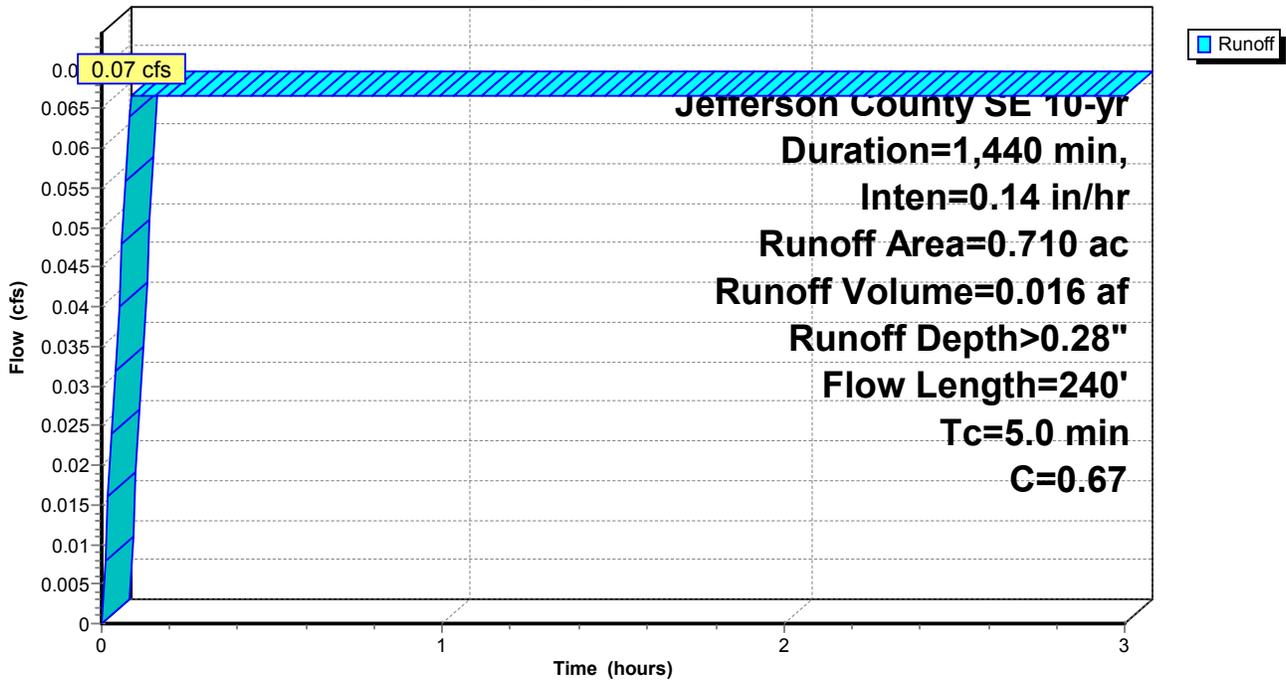
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 10-yr Duration=1,440 min, Inten=0.14 in/hr

Area (ac)	C	Description
0.460	0.95	Impervious
0.250	0.15	Lawn Area, 'C' Soil
0.710	0.67	Weighted Average
0.250		35.21% Pervious Area
0.460		64.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description	
1.3	100	0.0211	1.24		Sheet Flow, Parking Area	
0.7	140	0.0282	3.41		Shallow Concentrated Flow, Asphalt Drive Paved Kv= 20.3 fps	
2.0	240	Total, Increased to minimum Tc = 5.0 min				

Subcatchment 1: EX DA 1

Hydrograph



Summary for Subcatchment 2: EX DA 2

Runoff = 0.03 cfs @ 0.15 hrs, Volume= 0.006 af, Depth> 0.32"

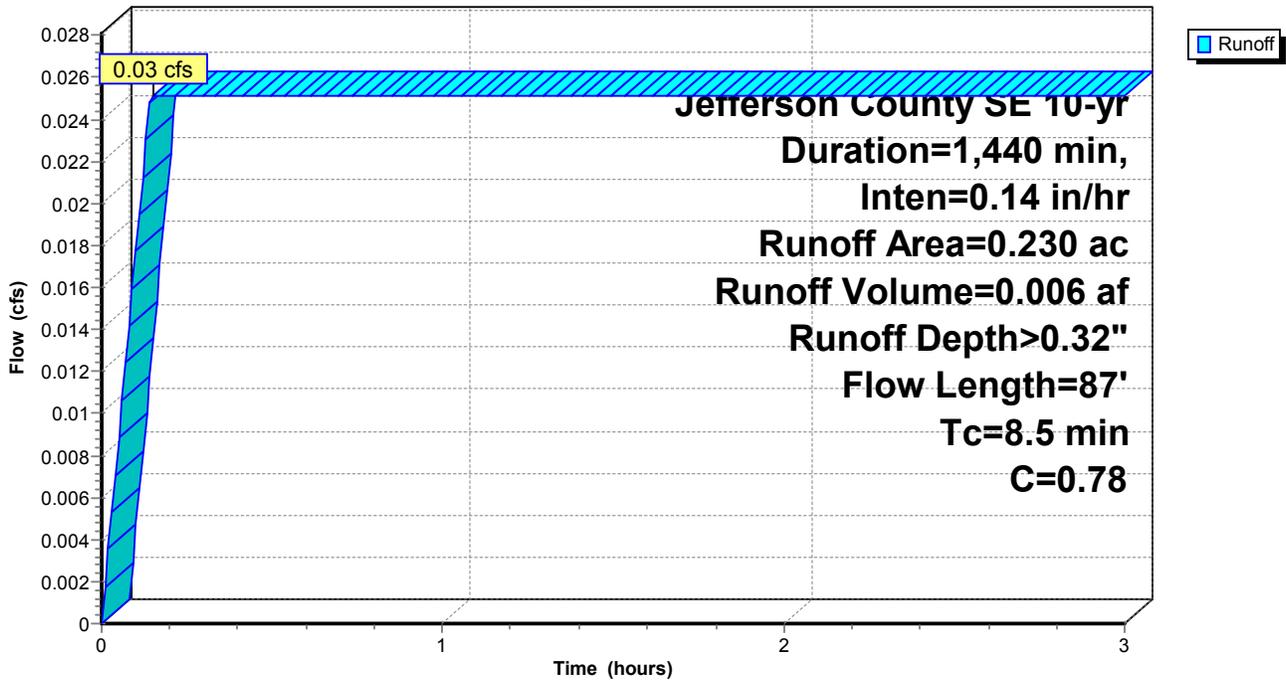
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 10-yr Duration=1,440 min, Inten=0.14 in/hr

Area (ac)	C	Description
0.180	0.95	Impervious
0.050	0.15	Lawn Area, 'C' Soil
0.230	0.78	Weighted Average
0.050		21.74% Pervious Area
0.180		78.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.1	48	0.0256	0.10		Sheet Flow, Sheet Flow - Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.4	39	0.0587	1.55		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
8.5	87	Total			

Subcatchment 2: EX DA 2

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

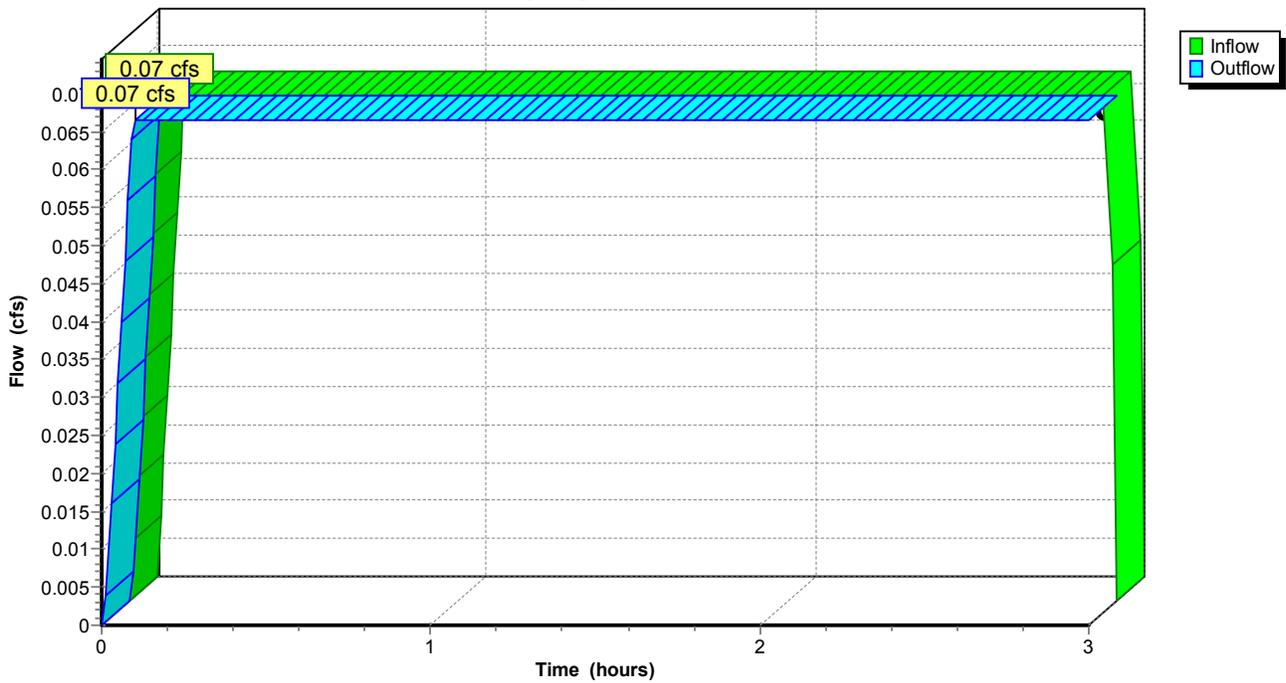
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.710 ac, 64.79% Impervious, Inflow Depth > 0.27" for 10-yr event
Inflow = 0.07 cfs @ 0.09 hrs, Volume= 0.016 af
Outflow = 0.07 cfs @ 0.10 hrs, Volume= 0.016 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph



Summary for Reach DP-2: Washington Street Design Point

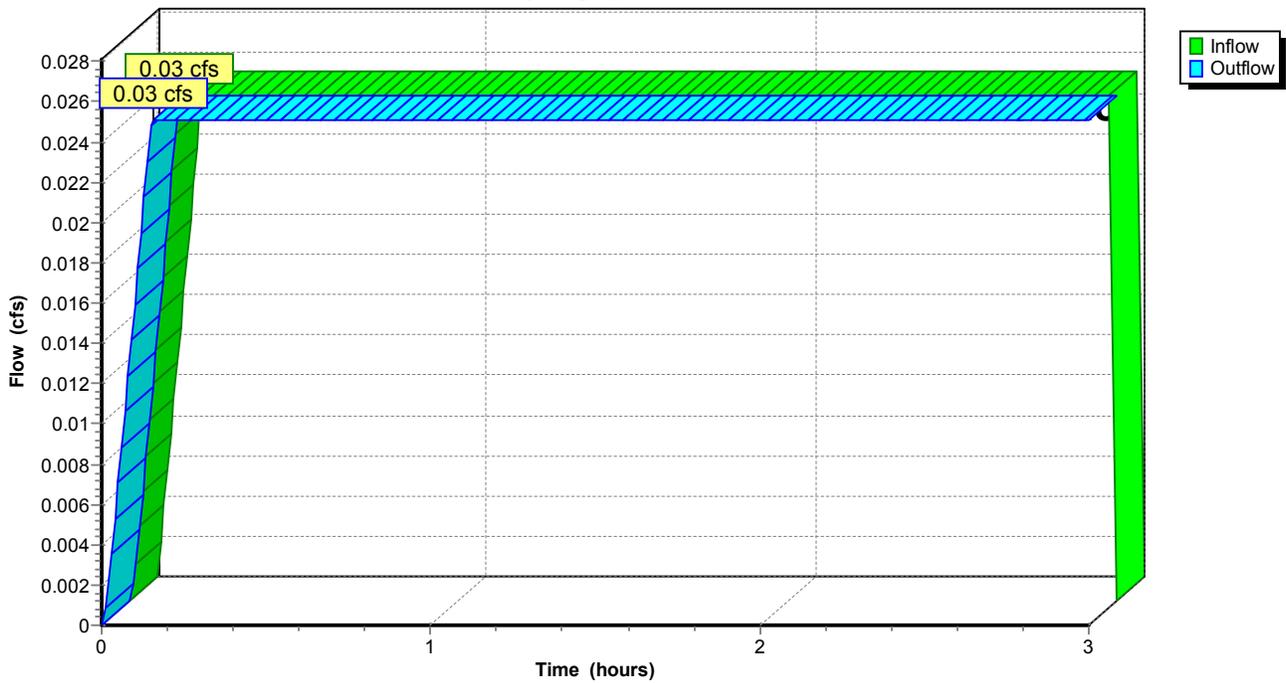
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.230 ac, 78.26% Impervious, Inflow Depth > 0.32" for 10-yr event
Inflow = 0.03 cfs @ 0.15 hrs, Volume= 0.006 af
Outflow = 0.03 cfs @ 0.16 hrs, Volume= 0.006 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-2: Washington Street Design Point

Hydrograph



2017-099.001 Existing

Jefferson County SE 25-yr Duration=1,440 min, Inten=0.17 in/hr

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Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: EX DA 1

Runoff Area=0.710 ac 64.79% Impervious Runoff Depth>0.34"
Flow Length=240' Tc=5.0 min C=0.67 Runoff=0.08 cfs 0.020 af

Subcatchment 2: EX DA 2

Runoff Area=0.230 ac 78.26% Impervious Runoff Depth>0.39"
Flow Length=87' Tc=8.5 min C=0.78 Runoff=0.03 cfs 0.007 af

Reach DP-1: Pratt Street Design Point

Inflow=0.08 cfs 0.020 af
Outflow=0.08 cfs 0.020 af

Reach DP-2: Washington Street Design Point

Inflow=0.03 cfs 0.007 af
Outflow=0.03 cfs 0.007 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.027 af Average Runoff Depth = 0.35"
31.91% Pervious = 0.300 ac 68.09% Impervious = 0.640 ac

Summary for Subcatchment 1: EX DA 1

Runoff = 0.08 cfs @ 0.09 hrs, Volume= 0.020 af, Depth> 0.34"

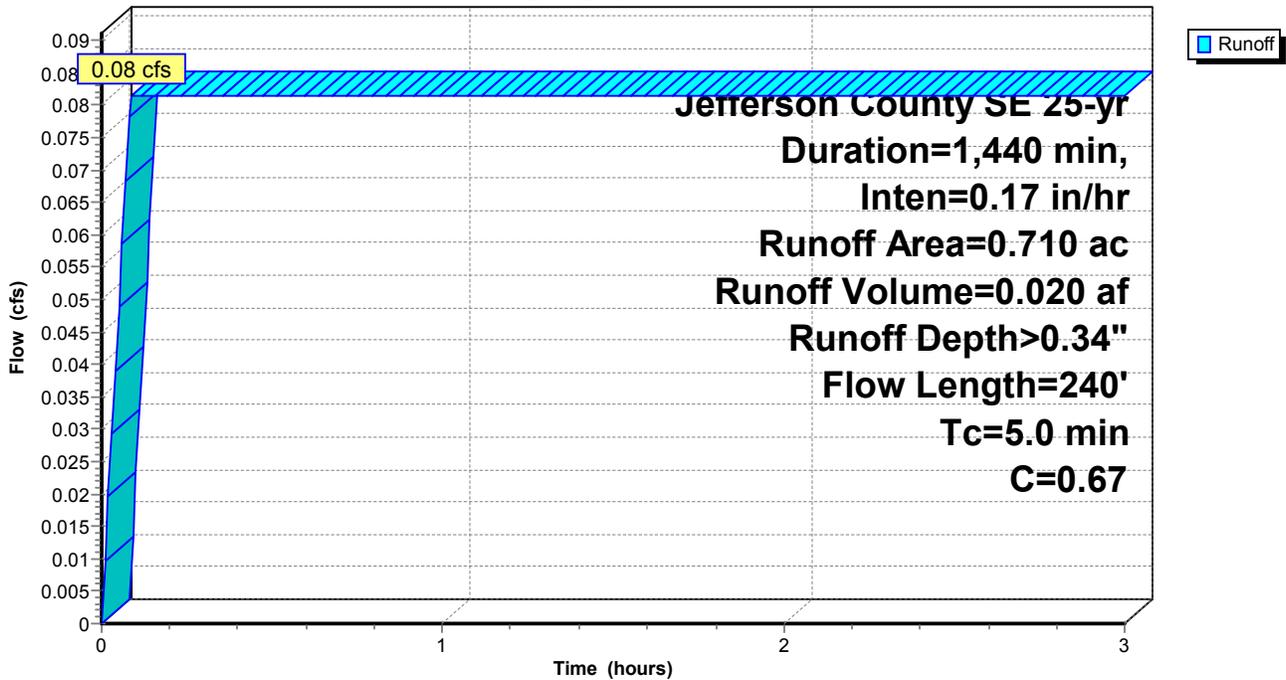
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 25-yr Duration=1,440 min, Inten=0.17 in/hr

Area (ac)	C	Description
0.460	0.95	Impervious
0.250	0.15	Lawn Area, 'C' Soil
0.710	0.67	Weighted Average
0.250		35.21% Pervious Area
0.460		64.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.3	100	0.0211	1.24		Sheet Flow, Parking Area Smooth surfaces n= 0.011 P2= 2.50"
0.7	140	0.0282	3.41		Shallow Concentrated Flow, Asphalt Drive Paved Kv= 20.3 fps
2.0	240	Total, Increased to minimum Tc = 5.0 min			

Subcatchment 1: EX DA 1

Hydrograph



Summary for Subcatchment 2: EX DA 2

Runoff = 0.03 cfs @ 0.15 hrs, Volume= 0.007 af, Depth> 0.39"

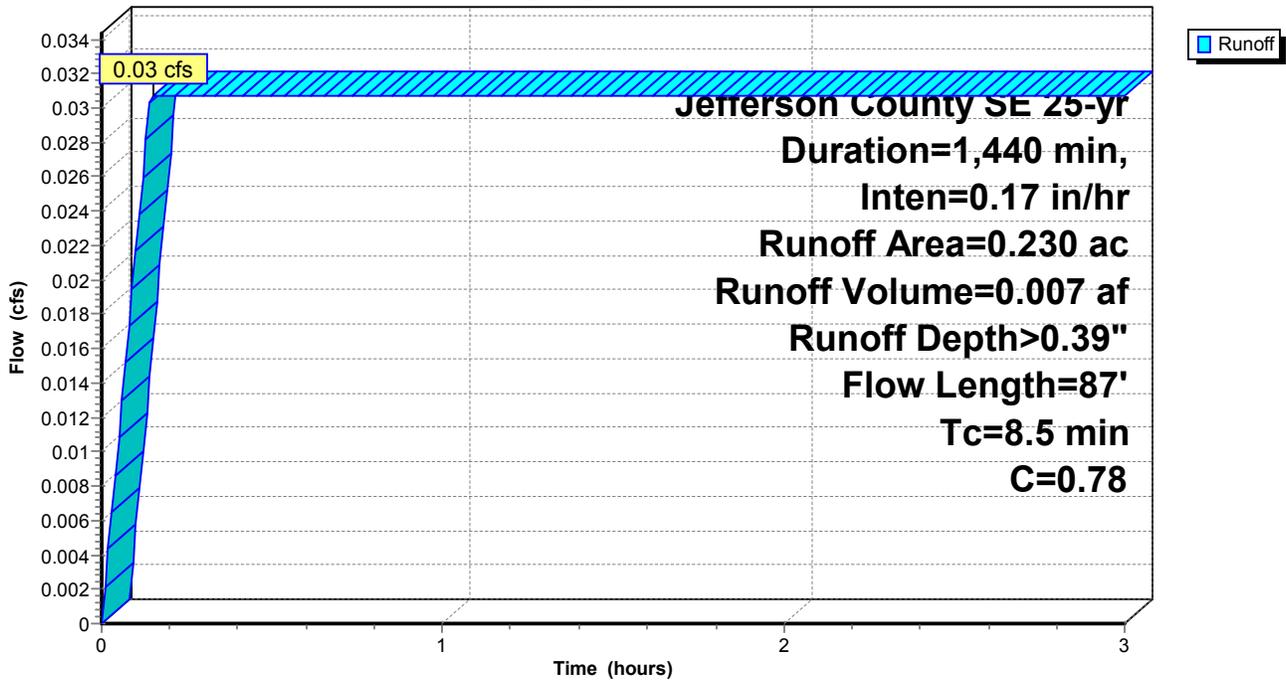
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 25-yr Duration=1,440 min, Inten=0.17 in/hr

Area (ac)	C	Description
0.180	0.95	Impervious
0.050	0.15	Lawn Area, 'C' Soil
0.230	0.78	Weighted Average
0.050		21.74% Pervious Area
0.180		78.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.1	48	0.0256	0.10		Sheet Flow, Sheet Flow - Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.4	39	0.0587	1.55		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
8.5	87	Total			

Subcatchment 2: EX DA 2

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

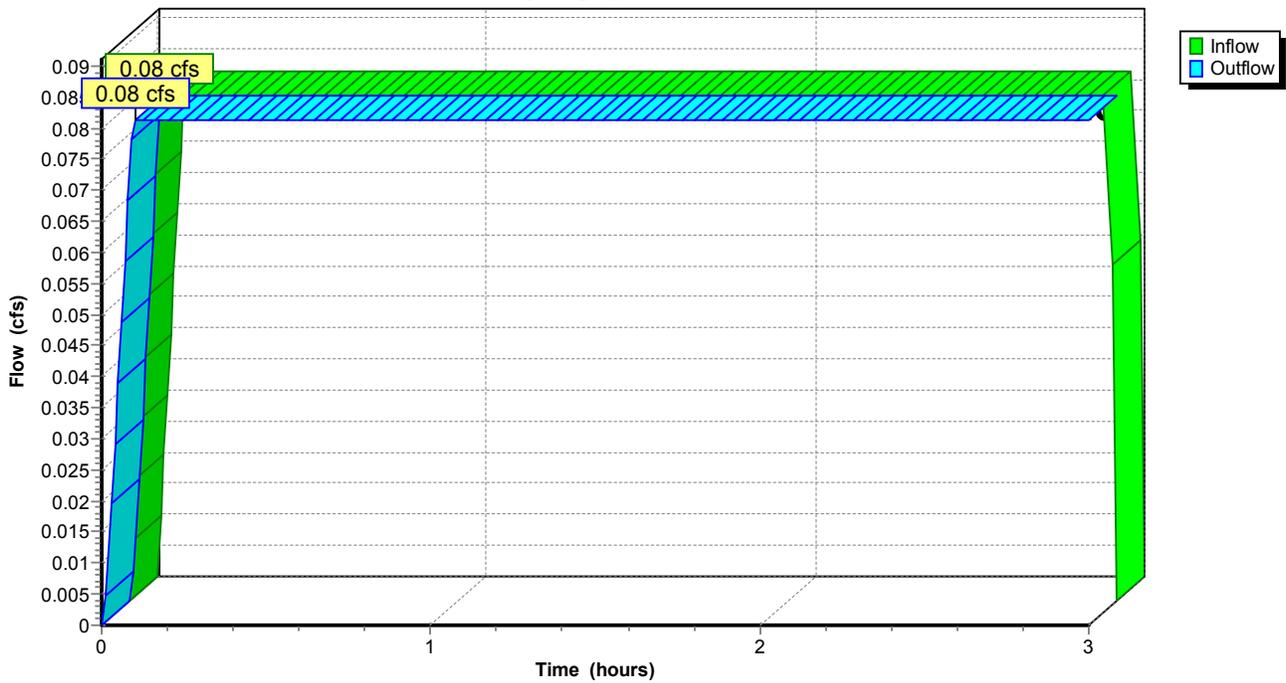
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.710 ac, 64.79% Impervious, Inflow Depth > 0.34" for 25-yr event
Inflow = 0.08 cfs @ 0.09 hrs, Volume= 0.020 af
Outflow = 0.08 cfs @ 0.10 hrs, Volume= 0.020 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph



Summary for Reach DP-2: Washington Street Design Point

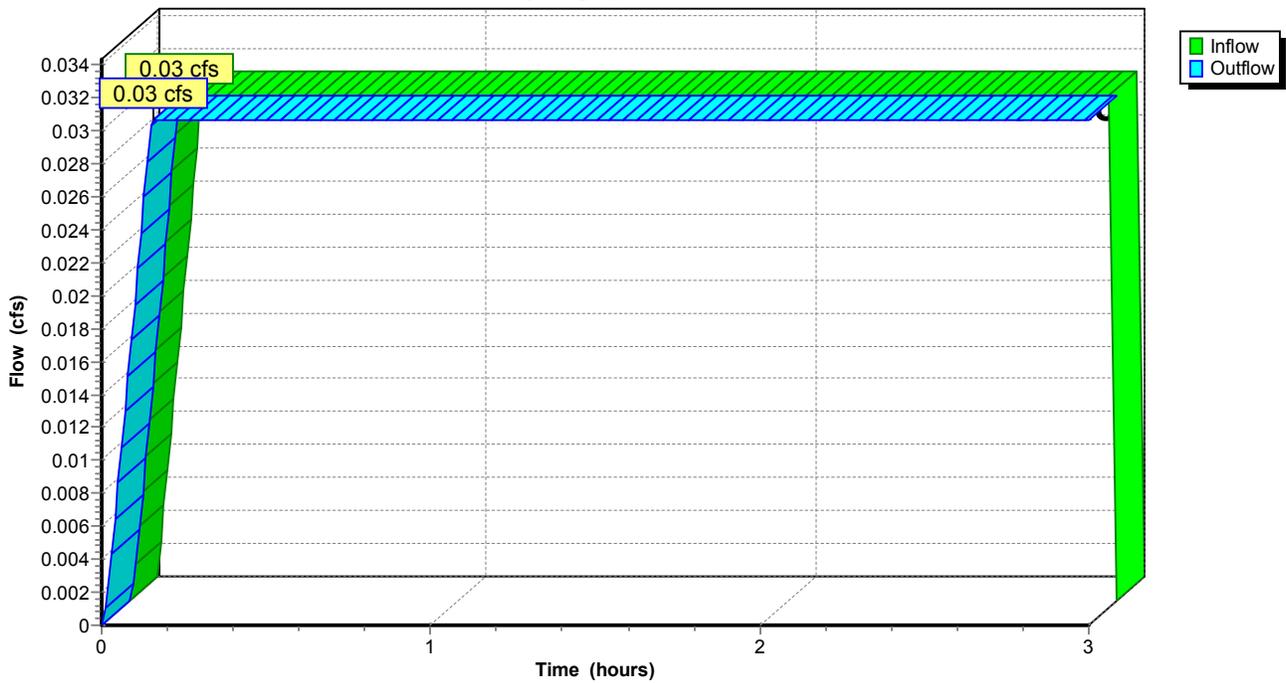
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.230 ac, 78.26% Impervious, Inflow Depth > 0.39" for 25-yr event
Inflow = 0.03 cfs @ 0.15 hrs, Volume= 0.007 af
Outflow = 0.03 cfs @ 0.16 hrs, Volume= 0.007 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-2: Washington Street Design Point

Hydrograph



2017-099.001 Existing

Jefferson County SE 50-yr Duration=1,440 min, Inten=0.20 in/hr

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Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: EX DA 1

Runoff Area=0.710 ac 64.79% Impervious Runoff Depth>0.39"
Flow Length=240' Tc=5.0 min C=0.67 Runoff=0.09 cfs 0.023 af

Subcatchment 2: EX DA 2

Runoff Area=0.230 ac 78.26% Impervious Runoff Depth>0.45"
Flow Length=87' Tc=8.5 min C=0.78 Runoff=0.04 cfs 0.009 af

Reach DP-1: Pratt Street Design Point

Inflow=0.09 cfs 0.023 af
Outflow=0.09 cfs 0.023 af

Reach DP-2: Washington Street Design Point

Inflow=0.04 cfs 0.009 af
Outflow=0.04 cfs 0.009 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.032 af Average Runoff Depth = 0.41"
31.91% Pervious = 0.300 ac 68.09% Impervious = 0.640 ac

Summary for Subcatchment 1: EX DA 1

Runoff = 0.09 cfs @ 0.09 hrs, Volume= 0.023 af, Depth> 0.39"

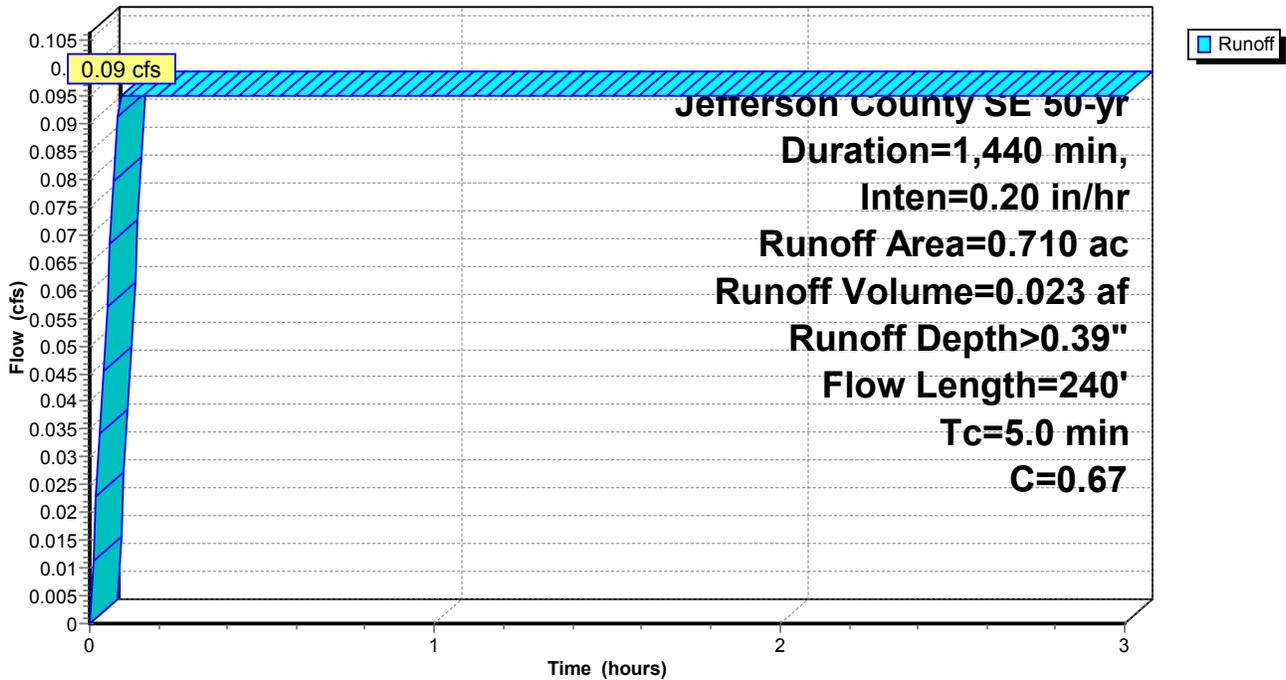
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 50-yr Duration=1,440 min, Inten=0.20 in/hr

Area (ac)	C	Description
0.460	0.95	Impervious
0.250	0.15	Lawn Area, 'C' Soil
0.710	0.67	Weighted Average
0.250		35.21% Pervious Area
0.460		64.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.3	100	0.0211	1.24		Sheet Flow, Parking Area Smooth surfaces n= 0.011 P2= 2.50"
0.7	140	0.0282	3.41		Shallow Concentrated Flow, Asphalt Drive Paved Kv= 20.3 fps
2.0	240	Total, Increased to minimum Tc = 5.0 min			

Subcatchment 1: EX DA 1

Hydrograph



Summary for Subcatchment 2: EX DA 2

Runoff = 0.04 cfs @ 0.15 hrs, Volume= 0.009 af, Depth> 0.45"

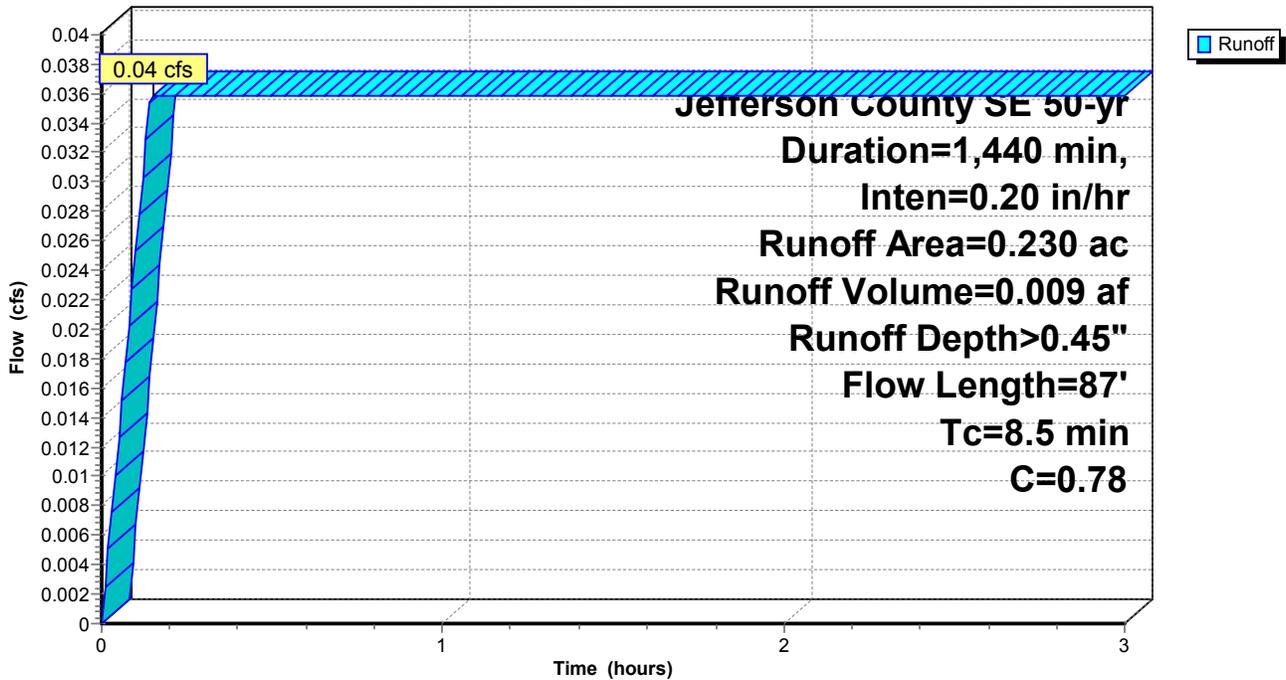
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 50-yr Duration=1,440 min, Inten=0.20 in/hr

Area (ac)	C	Description
0.180	0.95	Impervious
0.050	0.15	Lawn Area, 'C' Soil
0.230	0.78	Weighted Average
0.050		21.74% Pervious Area
0.180		78.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.1	48	0.0256	0.10		Sheet Flow, Sheet Flow - Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.4	39	0.0587	1.55		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
8.5	87	Total			

Subcatchment 2: EX DA 2

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

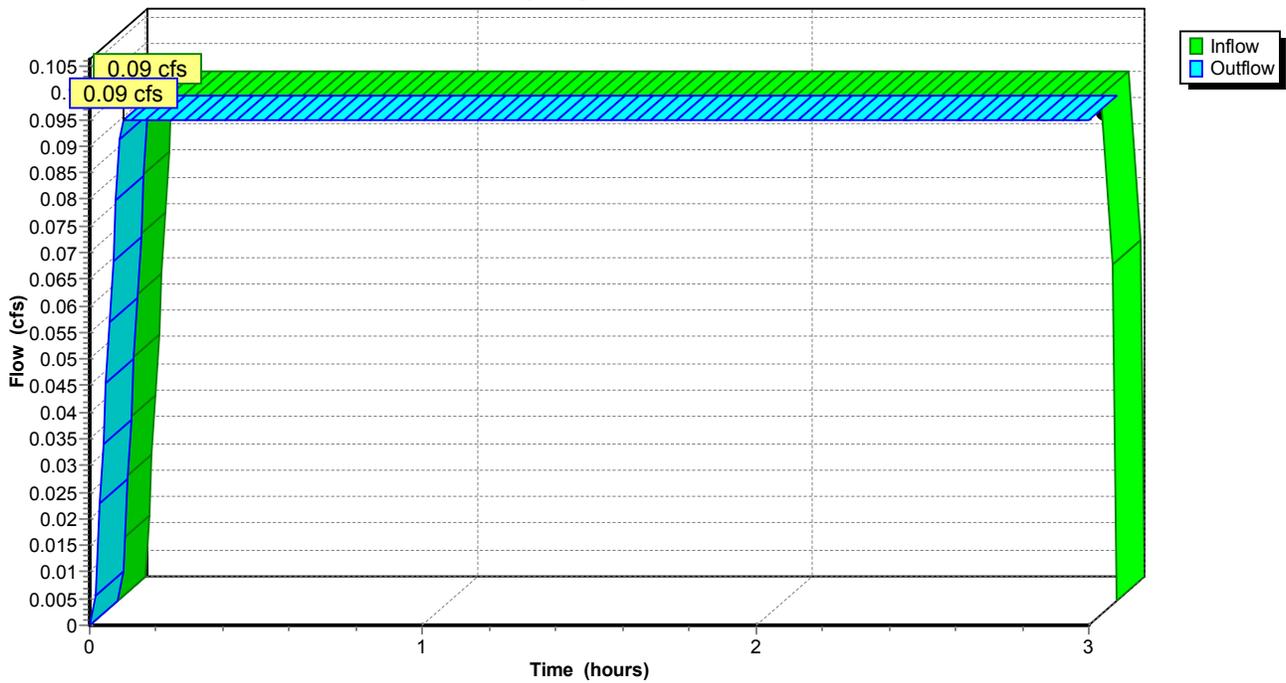
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.710 ac, 64.79% Impervious, Inflow Depth > 0.39" for 50-yr event
Inflow = 0.09 cfs @ 0.09 hrs, Volume= 0.023 af
Outflow = 0.09 cfs @ 0.10 hrs, Volume= 0.023 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph



Summary for Reach DP-2: Washington Street Design Point

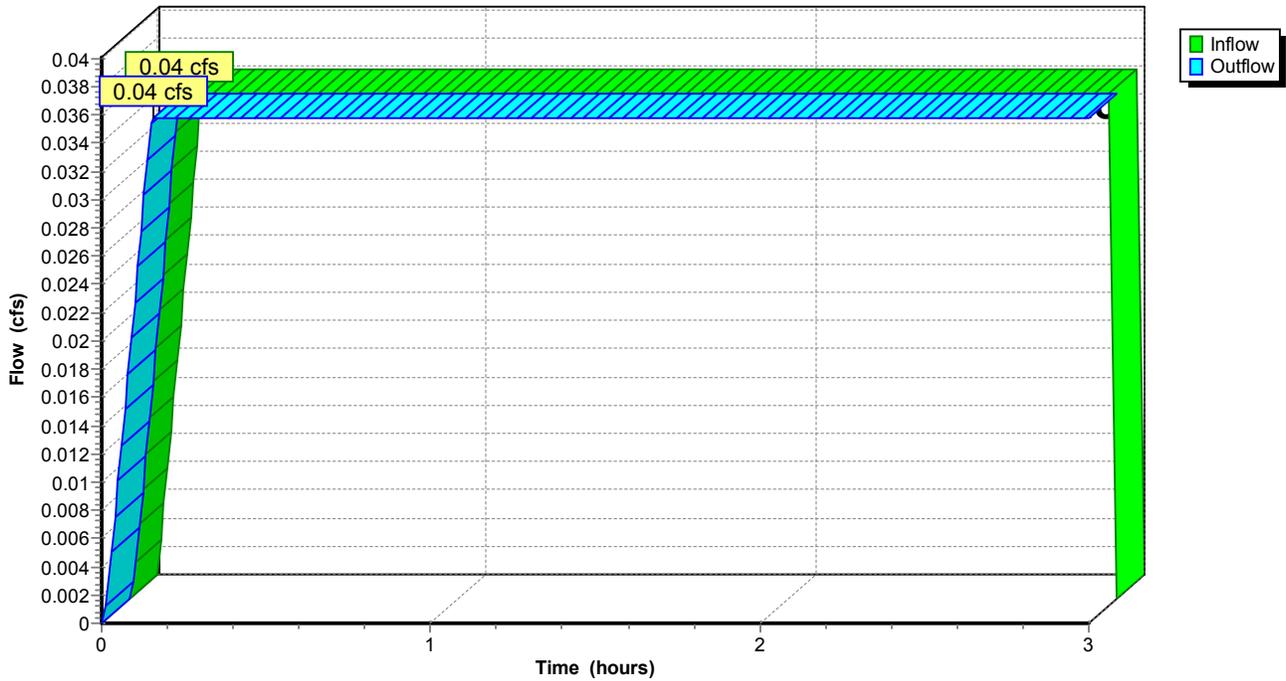
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.230 ac, 78.26% Impervious, Inflow Depth > 0.45" for 50-yr event
Inflow = 0.04 cfs @ 0.15 hrs, Volume= 0.009 af
Outflow = 0.04 cfs @ 0.16 hrs, Volume= 0.009 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-2: Washington Street Design Point

Hydrograph



2017-099.001 Existing

Jefferson County SE 100-yr Duration=1,440 min, Inten=0.23 in/hr

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Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: EX DA 1

Runoff Area=0.710 ac 64.79% Impervious Runoff Depth>0.46"
Flow Length=240' Tc=5.0 min C=0.67 Runoff=0.11 cfs 0.027 af

Subcatchment 2: EX DA 2

Runoff Area=0.230 ac 78.26% Impervious Runoff Depth>0.53"
Flow Length=87' Tc=8.5 min C=0.78 Runoff=0.04 cfs 0.010 af

Reach DP-1: Pratt Street Design Point

Inflow=0.11 cfs 0.027 af
Outflow=0.11 cfs 0.027 af

Reach DP-2: Washington Street Design Point

Inflow=0.04 cfs 0.010 af
Outflow=0.04 cfs 0.010 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.037 af Average Runoff Depth = 0.48"
31.91% Pervious = 0.300 ac 68.09% Impervious = 0.640 ac

Summary for Subcatchment 1: EX DA 1

Runoff = 0.11 cfs @ 0.09 hrs, Volume= 0.027 af, Depth> 0.46"

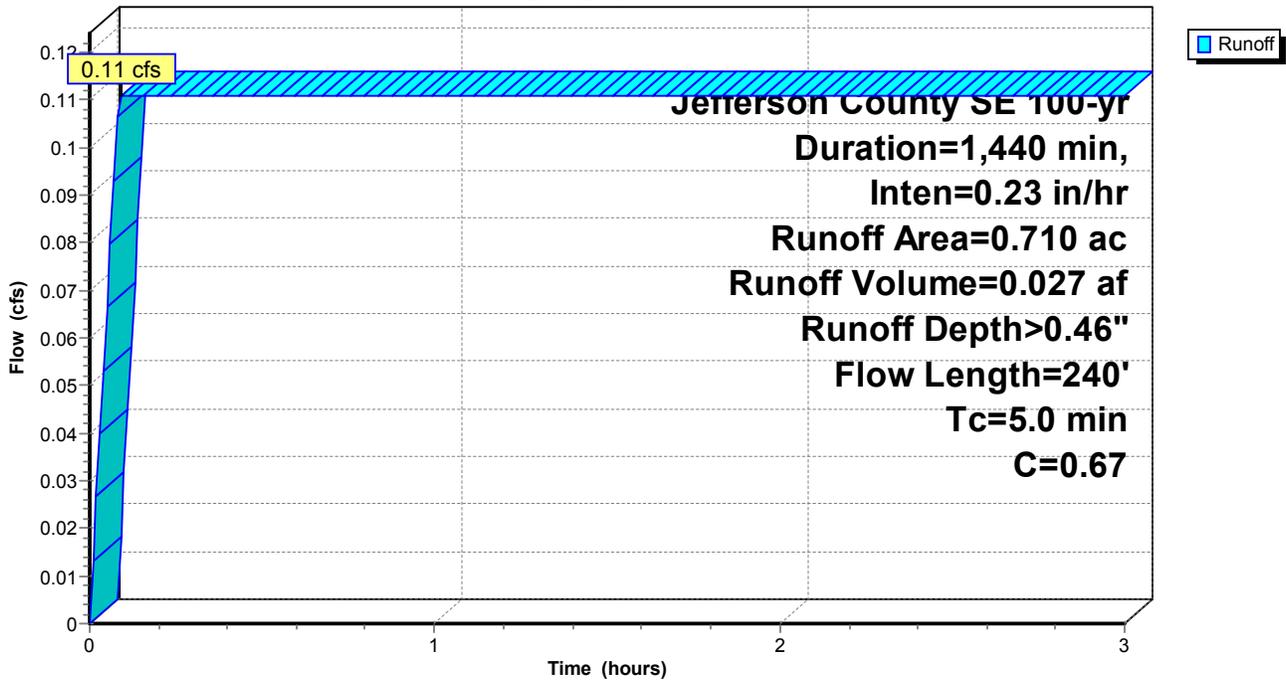
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 100-yr Duration=1,440 min, Inten=0.23 in/hr

Area (ac)	C	Description
0.460	0.95	Impervious
0.250	0.15	Lawn Area, 'C' Soil
0.710	0.67	Weighted Average
0.250		35.21% Pervious Area
0.460		64.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.3	100	0.0211	1.24		Sheet Flow, Parking Area Smooth surfaces n= 0.011 P2= 2.50"
0.7	140	0.0282	3.41		Shallow Concentrated Flow, Asphalt Drive Paved Kv= 20.3 fps
2.0	240	Total, Increased to minimum Tc = 5.0 min			

Subcatchment 1: EX DA 1

Hydrograph



Summary for Subcatchment 2: EX DA 2

Runoff = 0.04 cfs @ 0.15 hrs, Volume= 0.010 af, Depth> 0.53"

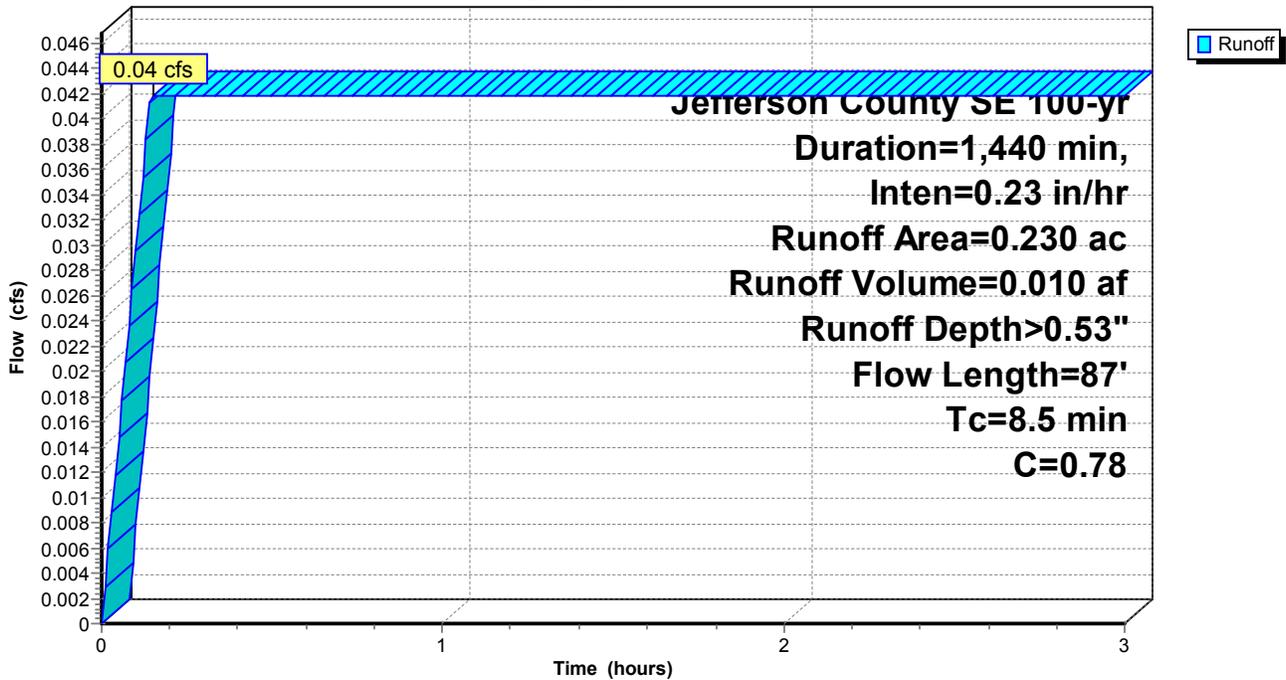
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 100-yr Duration=1,440 min, Inten=0.23 in/hr

Area (ac)	C	Description
0.180	0.95	Impervious
0.050	0.15	Lawn Area, 'C' Soil
0.230	0.78	Weighted Average
0.050		21.74% Pervious Area
0.180		78.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.1	48	0.0256	0.10		Sheet Flow, Sheet Flow - Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.4	39	0.0587	1.55		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
8.5	87	Total			

Subcatchment 2: EX DA 2

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

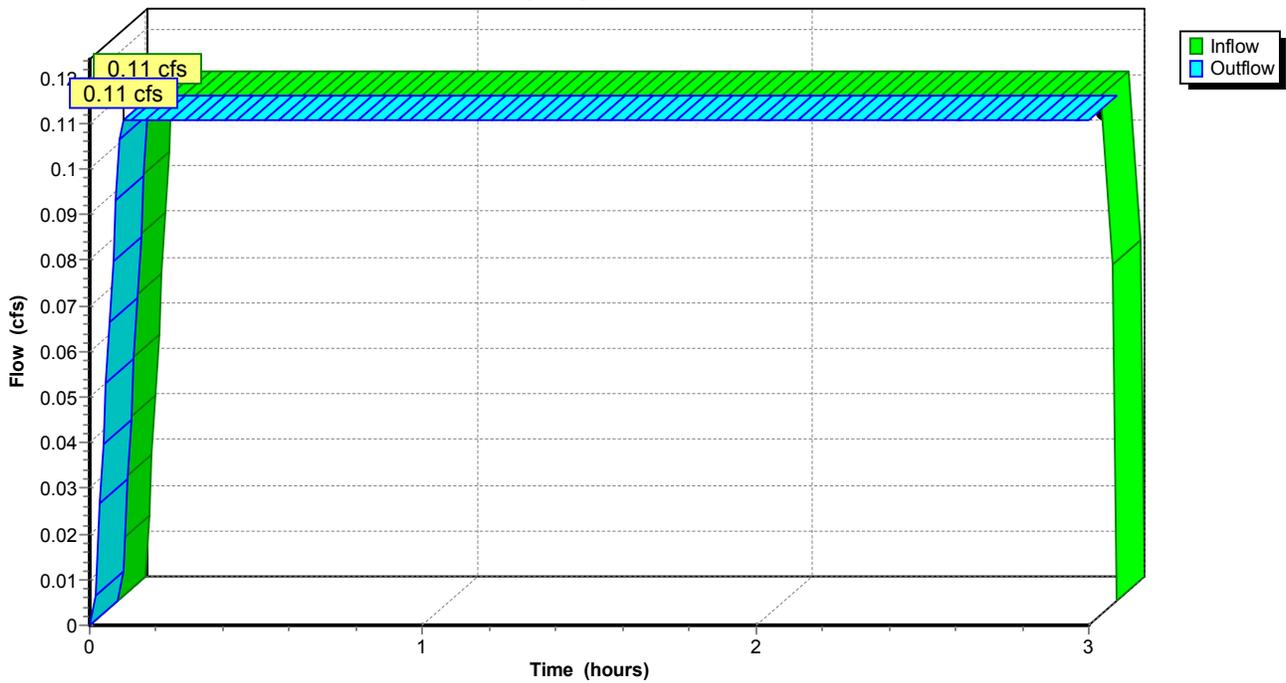
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.710 ac, 64.79% Impervious, Inflow Depth > 0.46" for 100-yr event
Inflow = 0.11 cfs @ 0.09 hrs, Volume= 0.027 af
Outflow = 0.11 cfs @ 0.10 hrs, Volume= 0.027 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph



Summary for Reach DP-2: Washington Street Design Point

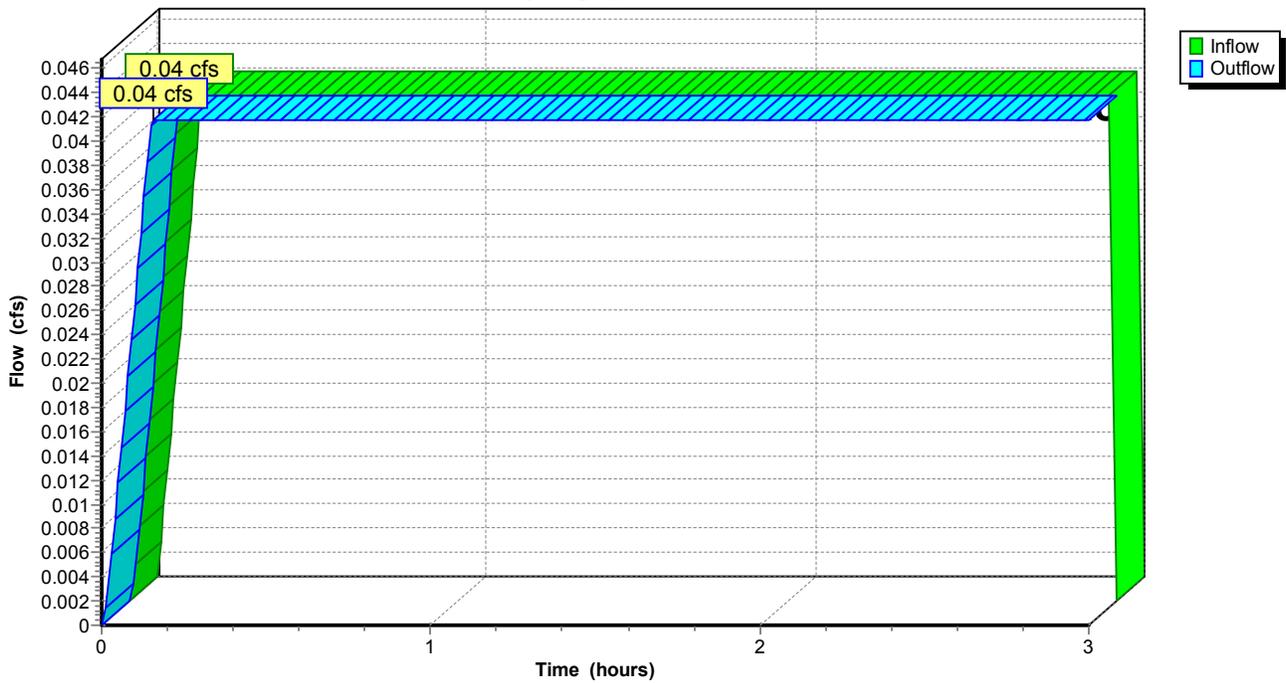
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.230 ac, 78.26% Impervious, Inflow Depth > 0.53" for 100-yr event
Inflow = 0.04 cfs @ 0.15 hrs, Volume= 0.010 af
Outflow = 0.04 cfs @ 0.16 hrs, Volume= 0.010 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

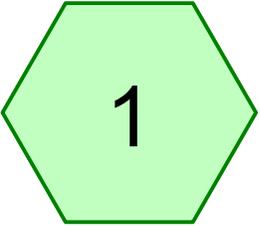
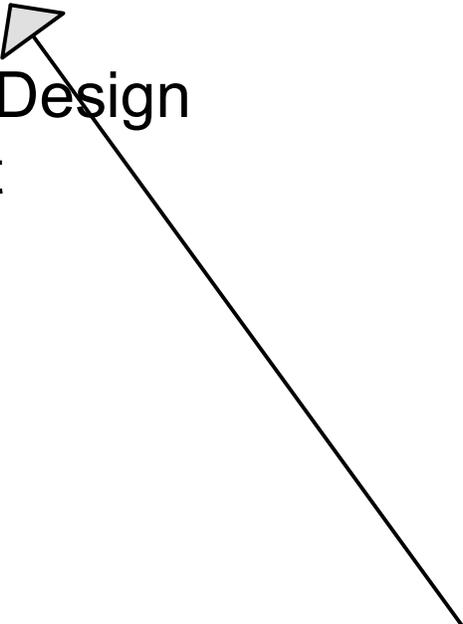
Reach DP-2: Washington Street Design Point

Hydrograph

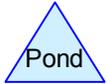
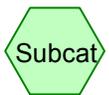




Pratt Street Design
Point



PR DA 1



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Area Listing (all nodes)

Area (acres)	C	Description (subcatchment-numbers)
0.790	0.95	Impervious (1)
0.150	0.20	Lawn Area, 'C' Soil (1)
0.940	0.83	TOTAL AREA

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Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
0.000	HSG C	
0.000	HSG D	
0.940	Other	1
0.940		TOTAL AREA

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Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.000	0.790	0.790	Impervious	1
0.000	0.000	0.000	0.000	0.150	0.150	Lawn Area, 'C' Soil	1
0.000	0.000	0.000	0.000	0.940	0.940	TOTAL AREA	

2017-099.001 Proposed

Jefferson County SE 10-yr Duration=1,440 min, Inten=0.14 in/hr

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Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: PR DA 1

Runoff Area=0.940 ac 84.04% Impervious Runoff Depth>0.33"
Flow Length=222' Tc=15.2 min C=0.83 Runoff=0.11 cfs 0.026 af

Reach DP-1: Pratt Street Design Point

Inflow=0.11 cfs 0.026 af
Outflow=0.11 cfs 0.026 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.026 af Average Runoff Depth = 0.33"
15.96% Pervious = 0.150 ac 84.04% Impervious = 0.790 ac

Summary for Subcatchment 1: PR DA 1

Runoff = 0.11 cfs @ 0.26 hrs, Volume= 0.026 af, Depth> 0.33"

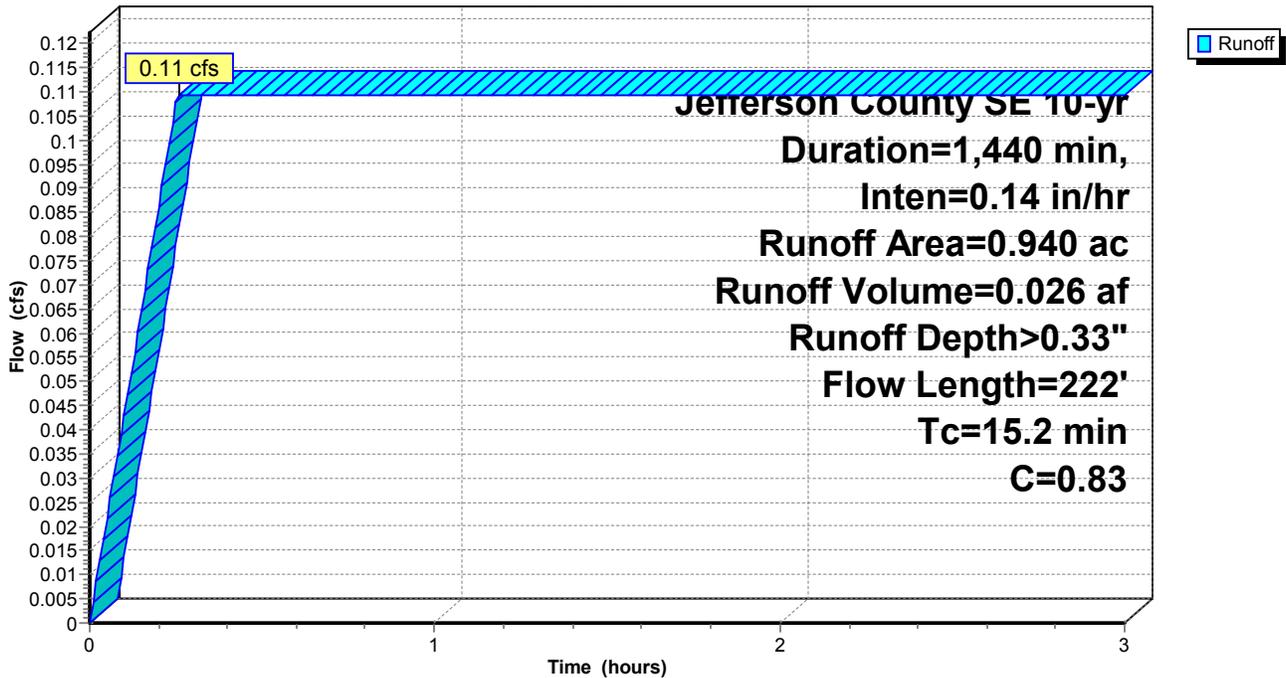
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 10-yr Duration=1,440 min, Inten=0.14 in/hr

Area (ac)	C	Description
0.790	0.95	Impervious
0.150	0.20	Lawn Area, 'C' Soil
0.940	0.83	Weighted Average
0.150		15.96% Pervious Area
0.790		84.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
13.9	100	0.0290	0.12		Sheet Flow, Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.3	30	0.0600	1.48		Sheet Flow, Parking Area Smooth surfaces n= 0.011 P2= 2.50"
1.0	92	0.0400	1.58		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
15.2	222	Total			

Subcatchment 1: PR DA 1

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

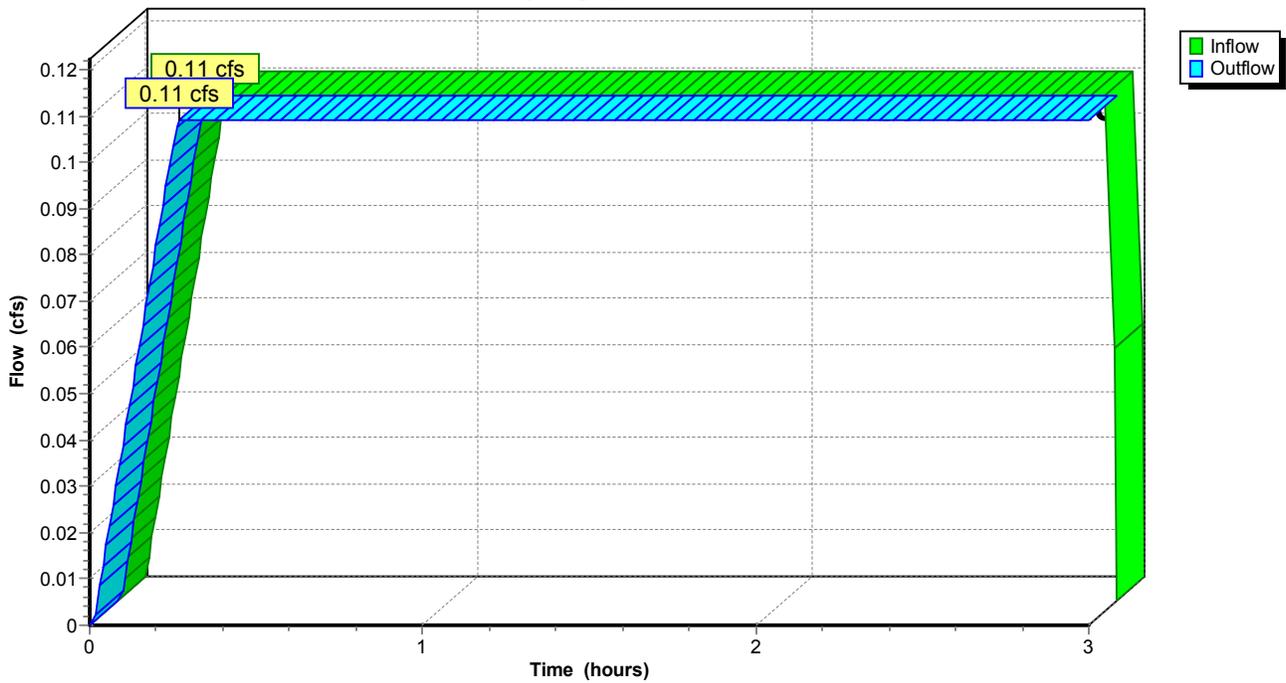
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.940 ac, 84.04% Impervious, Inflow Depth > 0.33" for 10-yr event
Inflow = 0.11 cfs @ 0.26 hrs, Volume= 0.026 af
Outflow = 0.11 cfs @ 0.27 hrs, Volume= 0.026 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph



2017-099.001 Proposed

Jefferson County SE 25-yr Duration=1,440 min, Inten=0.17 in/hr

Prepared by Microsoft

Printed 7/18/2017

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Page 8

Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: PR DA 1

Runoff Area=0.940 ac 84.04% Impervious Runoff Depth>0.41"
Flow Length=222' Tc=15.2 min C=0.83 Runoff=0.13 cfs 0.032 af

Reach DP-1: Pratt Street Design Point

Inflow=0.13 cfs 0.032 af
Outflow=0.13 cfs 0.032 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.032 af Average Runoff Depth = 0.41"
15.96% Pervious = 0.150 ac 84.04% Impervious = 0.790 ac

Summary for Subcatchment 1: PR DA 1

Runoff = 0.13 cfs @ 0.26 hrs, Volume= 0.032 af, Depth> 0.41"

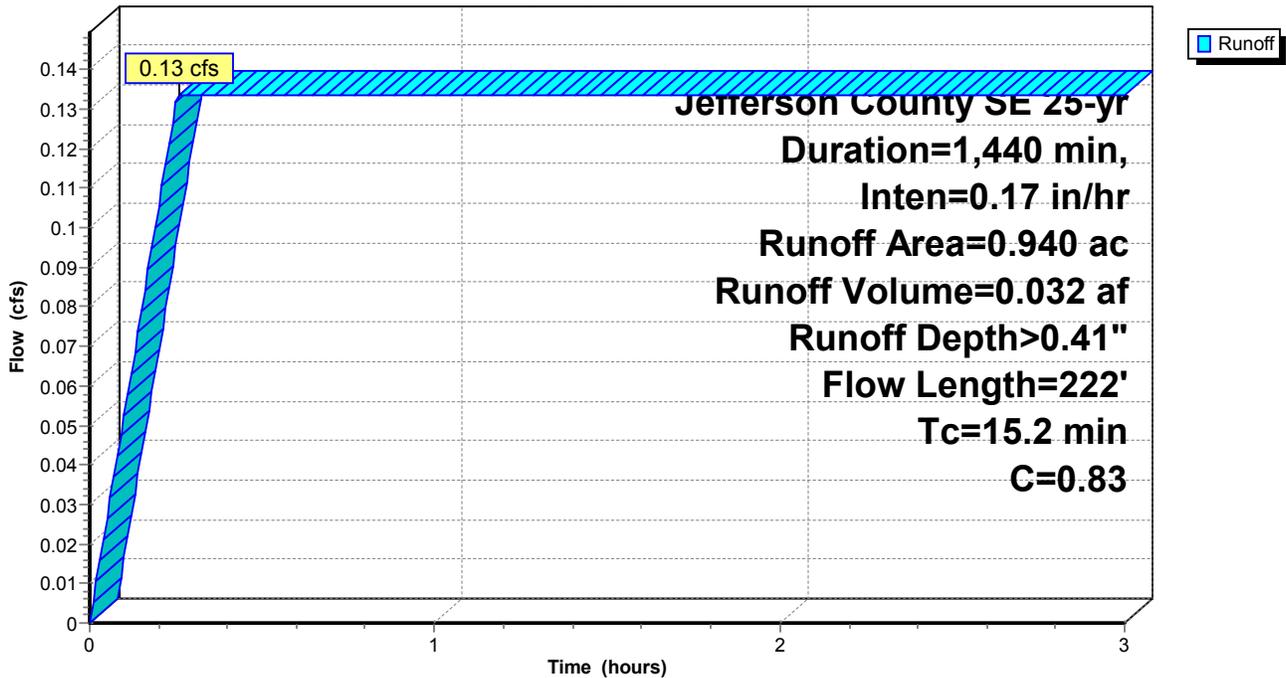
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 25-yr Duration=1,440 min, Inten=0.17 in/hr

Area (ac)	C	Description
0.790	0.95	Impervious
0.150	0.20	Lawn Area, 'C' Soil
0.940	0.83	Weighted Average
0.150		15.96% Pervious Area
0.790		84.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
13.9	100	0.0290	0.12		Sheet Flow, Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.3	30	0.0600	1.48		Sheet Flow, Parking Area Smooth surfaces n= 0.011 P2= 2.50"
1.0	92	0.0400	1.58		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
15.2	222	Total			

Subcatchment 1: PR DA 1

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

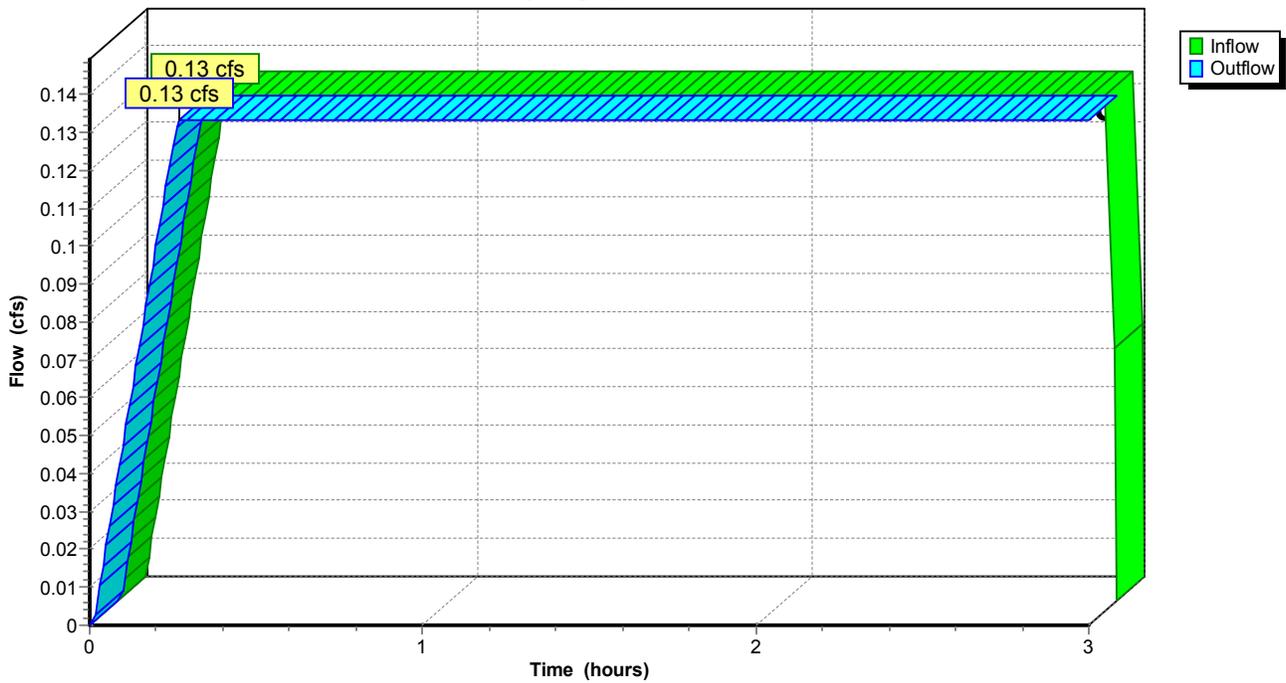
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.940 ac, 84.04% Impervious, Inflow Depth > 0.40" for 25-yr event
Inflow = 0.13 cfs @ 0.26 hrs, Volume= 0.032 af
Outflow = 0.13 cfs @ 0.27 hrs, Volume= 0.032 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph



2017-099.001 Proposed

Jefferson County SE 50-yr Duration=1,440 min, Inten=0.20 in/hr

Prepared by Microsoft

Printed 7/18/2017

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Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: PR DA 1

Runoff Area=0.940 ac 84.04% Impervious Runoff Depth>0.47"
Flow Length=222' Tc=15.2 min C=0.83 Runoff=0.16 cfs 0.037 af

Reach DP-1: Pratt Street Design Point

Inflow=0.16 cfs 0.037 af
Outflow=0.16 cfs 0.037 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.037 af Average Runoff Depth = 0.47"
15.96% Pervious = 0.150 ac 84.04% Impervious = 0.790 ac

Summary for Subcatchment 1: PR DA 1

Runoff = 0.16 cfs @ 0.26 hrs, Volume= 0.037 af, Depth> 0.47"

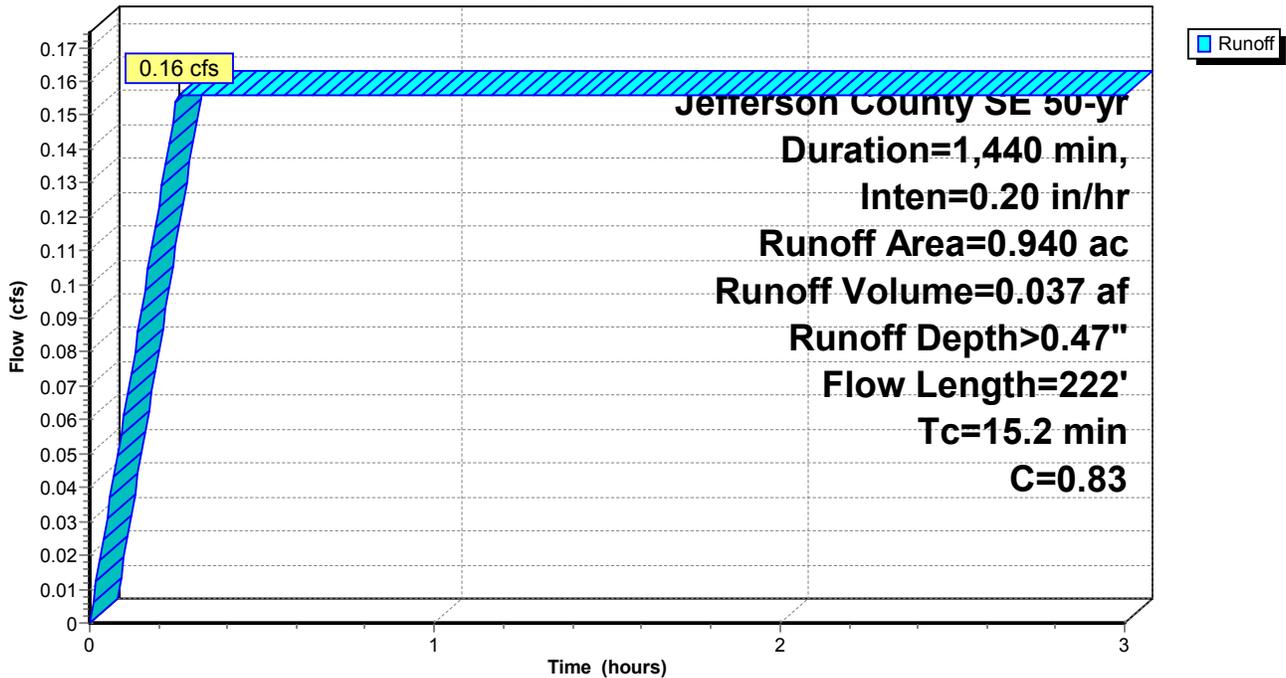
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 50-yr Duration=1,440 min, Inten=0.20 in/hr

Area (ac)	C	Description
0.790	0.95	Impervious
0.150	0.20	Lawn Area, 'C' Soil
0.940	0.83	Weighted Average
0.150		15.96% Pervious Area
0.790		84.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
13.9	100	0.0290	0.12		Sheet Flow, Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.3	30	0.0600	1.48		Sheet Flow, Parking Area Smooth surfaces n= 0.011 P2= 2.50"
1.0	92	0.0400	1.58		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
15.2	222	Total			

Subcatchment 1: PR DA 1

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

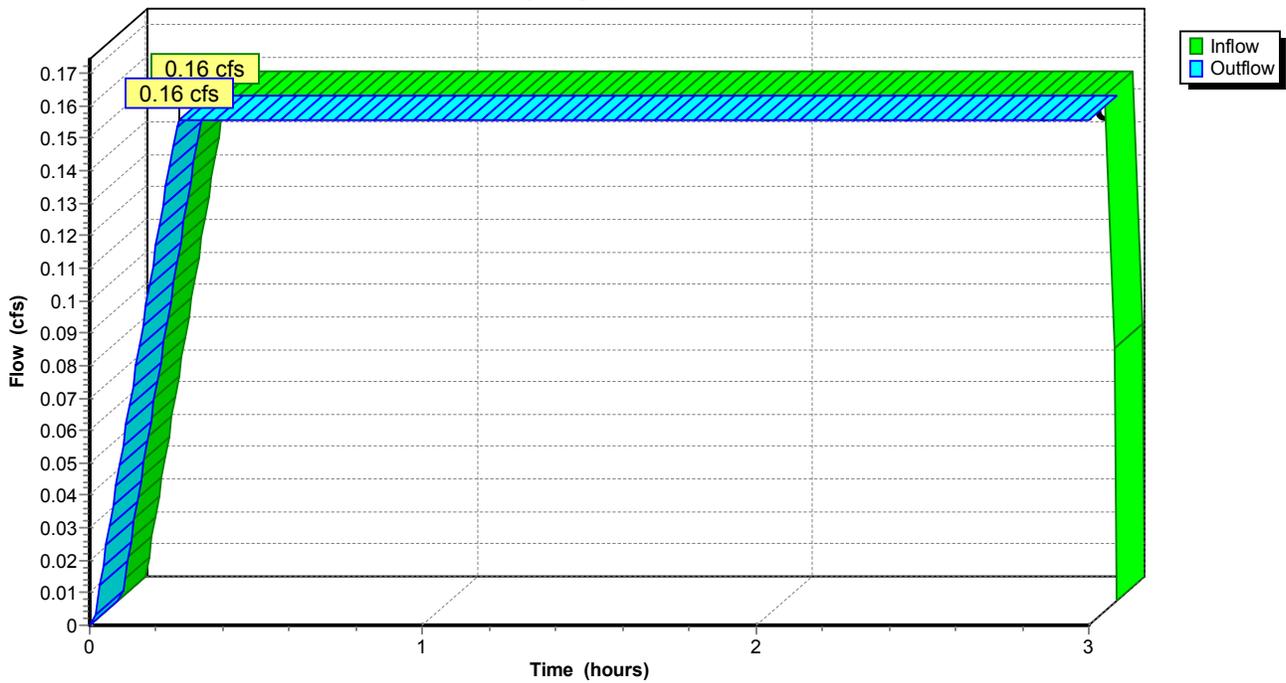
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.940 ac, 84.04% Impervious, Inflow Depth > 0.47" for 50-yr event
Inflow = 0.16 cfs @ 0.26 hrs, Volume= 0.037 af
Outflow = 0.16 cfs @ 0.27 hrs, Volume= 0.037 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph



2017-099.001 Proposed

Jefferson County SE 100-yr Duration=1,440 min, Inten=0.23 in/hr

Prepared by Microsoft

Printed 7/18/2017

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Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Sim-Route method - Pond routing by Sim-Route method

Subcatchment 1: PR DA 1

Runoff Area=0.940 ac 84.04% Impervious Runoff Depth>0.55"
Flow Length=222' Tc=15.2 min C=0.83 Runoff=0.18 cfs 0.043 af

Reach DP-1: Pratt Street Design Point

Inflow=0.18 cfs 0.043 af
Outflow=0.18 cfs 0.043 af

Total Runoff Area = 0.940 ac Runoff Volume = 0.043 af Average Runoff Depth = 0.55"
15.96% Pervious = 0.150 ac 84.04% Impervious = 0.790 ac

Summary for Subcatchment 1: PR DA 1

Runoff = 0.18 cfs @ 0.26 hrs, Volume= 0.043 af, Depth> 0.55"

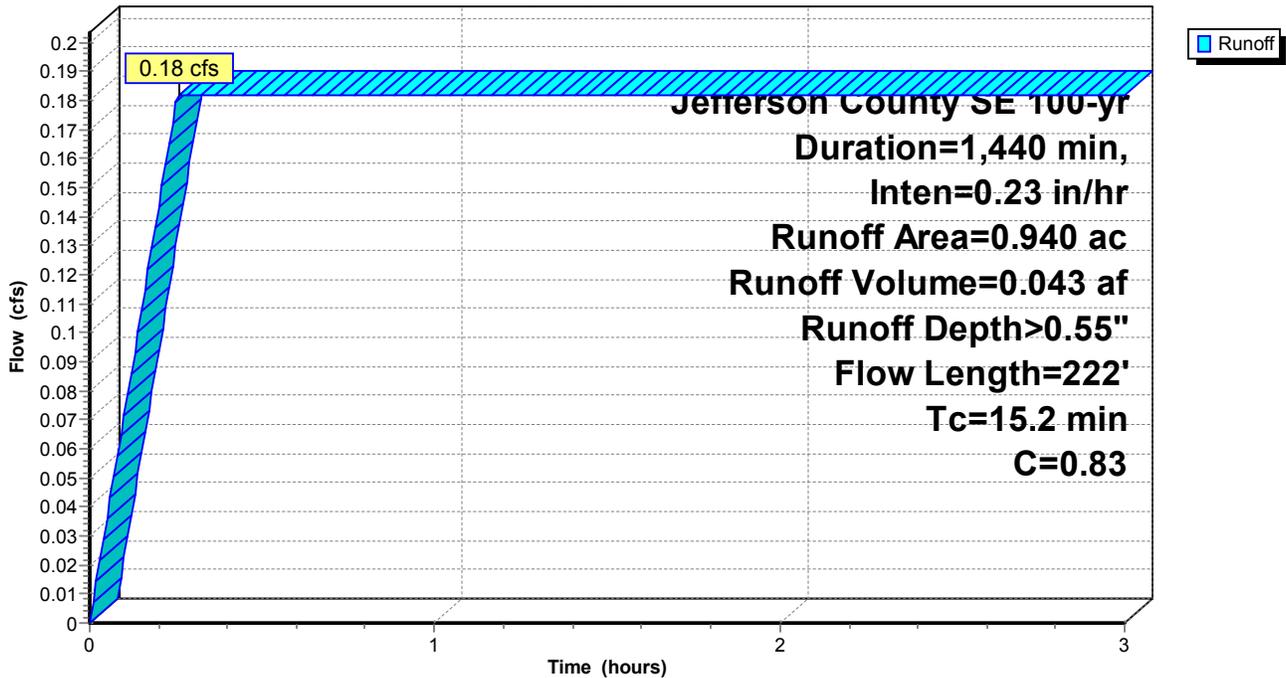
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Jefferson County SE 100-yr Duration=1,440 min, Inten=0.23 in/hr

Area (ac)	C	Description
0.790	0.95	Impervious
0.150	0.20	Lawn Area, 'C' Soil
0.940	0.83	Weighted Average
0.150		15.96% Pervious Area
0.790		84.04% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
13.9	100	0.0290	0.12		Sheet Flow, Lawn Area Grass: Dense n= 0.240 P2= 2.50"
0.3	30	0.0600	1.48		Sheet Flow, Parking Area Smooth surfaces n= 0.011 P2= 2.50"
1.0	92	0.0400	1.58		Sheet Flow, Asphalt Drive Smooth surfaces n= 0.011 P2= 2.50"
15.2	222	Total			

Subcatchment 1: PR DA 1

Hydrograph



Summary for Reach DP-1: Pratt Street Design Point

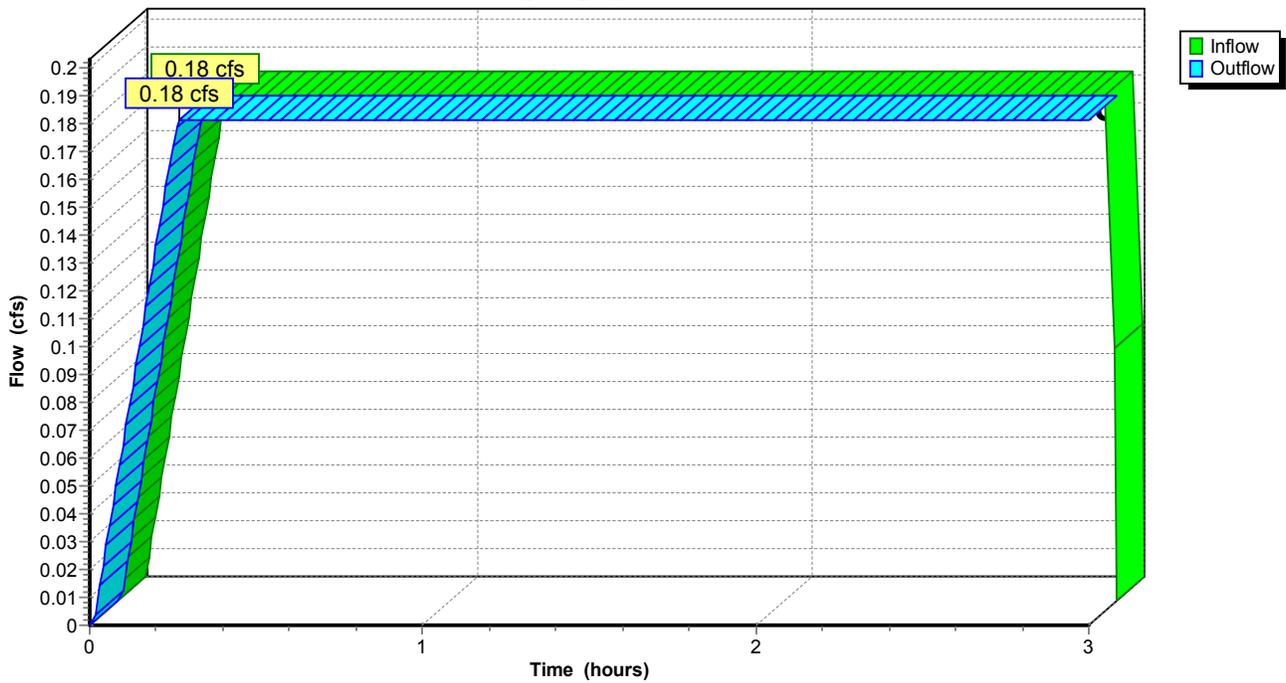
[40] Hint: Not Described (Outflow=Inflow)

Inflow Area = 0.940 ac, 84.04% Impervious, Inflow Depth > 0.55" for 100-yr event
Inflow = 0.18 cfs @ 0.26 hrs, Volume= 0.043 af
Outflow = 0.18 cfs @ 0.27 hrs, Volume= 0.043 af, Atten= 0%, Lag= 0.6 min

Routing by Sim-Route method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Reach DP-1: Pratt Street Design Point

Hydrograph





522 Bradley Street
Watertown, New York 13601

aubertinecurrier.com

Phone: (315)782-2005
Fax: (315)782-1472

The above Architect, Engineer or Land Surveyor states that to the best of his or her knowledge, information and belief, the plans and specifications are in accordance with applicable requirements of New York State. It is a violation of New York State Law for any person, unless acting under the direct supervision of a Registered Architect, Licensed Professional Engineer or Licensed Land Surveyor to alter this document in any way. If altered, such alteration shall effect the or her seal and the notification "altered by" followed by his or signature, date and a specific description of the alteration.
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AUBERTINE and CURRIER ARCHITECTS, ENGINEERS & LAND SURVEYORS, PLLC



**SAMARITAN MEDICAL CENTER
SECONDARY LOADING DOCK PROJECT**
830 WASHINGTON STREET
CITY OF WATERTOWN
JEFFERSON COUNTY, STATE OF NEW YORK

PROJECT NO: 2017-000
SCALE: 1"=60'
DRAWN BY: TFT
CHECKED BY: MRW
ISSUE DATES:
07/18/2017

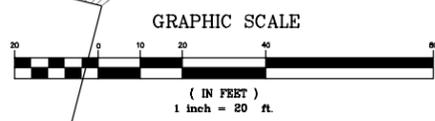
PROPOSED DRAINAGE
MAP

PR1

LEGEND	EXISTING	PROPOSED
5' CONTOUR	---	---
1' CONTOUR	---	---
PROPERTY LINE	PL PL	PL PL
RIGHT OF WAY	---	---
SETBACK	---	---
BUILDING	---	---
ASPHALT PAVEMENT	---	---
EDGE OF GRAVEL	---	---
CURB	---	---
SIDEWALK	---	---
TREE LINE	---	---
FENCE	---	---
WATERLINE	---	---
SANITARY SEWER	---	---
STORM SEWER	---	---
OVERHEAD UTILITIES	---	---
UNDERGROUND UTILITIES	---	---
GAS	---	---
COMMUNICATION	---	---
SANITARY MANHOLE	---	---
STORM MANHOLE	---	---
CATCH BASIN	---	---
FIRE HYDRANT	---	---
WATER VALVE	---	---
CURB STOP	---	---
GAS METER	---	---
ELECTRIC METER	---	---
UTILITY POLE	---	---
LIGHT POLE	---	---
SIGN	---	---
BOLLARD	---	---
TREES	---	---

DRAINAGE MAP LEGEND (PROPOSED)

- DRAINAGE AREA BOUNDARY
- - - - TIME OF CONCENTRATION PATH



FOR APPROVALS ONLY
NOT FOR CONSTRUCTION



TAX MAP PARCEL
14-02-101.110
SAMARITAN MEDICAL CENTER

TAX MAP PARCEL
14-08-111
SAMARITAN KEEP NURSING HOME

TAX MAP PARCEL
14-08-110
SAMARITAN MEDICAL CENTER

TAX MAP PARCEL
14-08-101.002
HKBBE APARTMENTS
HOUSING DFC

COUNCIL MEMORANDUM

TO: Honorable Mayor and Members of City Council

FROM: Vicky L. Murphy, Water Superintendent

Date: August 14, 2017

RE: Marble Street

A letter, dated July 18, 2017, from the SPCA of Jefferson County, was sent to Council requesting that the City dedicate the section of Marble Street on the east side of Eastern Boulevard as an official City street. The letter states that “the street is already open to the public, maintained by the City, and serves as the only access to the public boat launch.” The subject street does serve as the access to the public boat launch but also serves as access to the City’s pump station, dredge and storage, drying beds, and the firing range and K9 training facilities. The subject street is maintained by the City’s Water Department personnel, is not a primary job responsibility, and therefore, is maintained as time allows. Furthermore, the street is located outside of the City limit.

The City Attorney’s opinion is that having previously received the “benefit” of the taking, any other action, unless the public receives a benefit, would be solely to the SPCA. The dedication of this access as an official City street is akin to a gift of public monies for a private purpose, notwithstanding the premise that the recipient is a not-for-profit.

Staff recommends that Council not act on this request. Specifically, the Water Superintendent is concerned that the sale and development of this property could impact the City’s source water supply, which is adjacent to the parcel requiring access.

Staff further recommends pursuing NYSDEC grant funding to protect sources of surface and groundwater drinking water supplies through land acquisition projects. The City is responsible for protecting its critical infrastructure to supply safe, quality drinking water for greater than 50,000 customers, and this grant opportunity would assist.

25056 Water Street
Watertown, NY 13601
www.jeffersoncountyspca.org

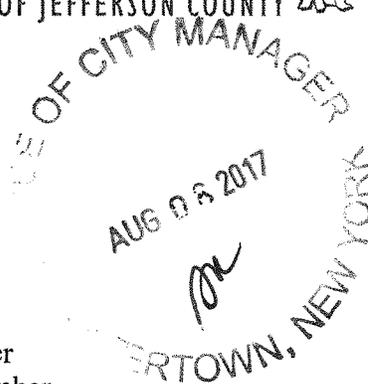


Phone: 315-782-3260
Fax: 315-782-9085
info@jeffersoncountyspca.org

July 18, 2017

Watertown City Council
245 Washington St
Watertown, NY 13601

Attn: Joseph M. Butler Jr., Mayor
Cody J. Horbacz, Council Member
Stephen A Jennings, Council Member
Teresa R. Macaluso, Council Member
Mark C. Walczyk, Council Member



C-C City
Manager

Honorable Mayor and City Council Members,

The purpose of this letter is to request that City Council dedicate the section of Marble Street on the east side of Eastern Boulevard as an official City street. The section we are proposing be dedicated as an official City street is from Eastern Boulevard to the public boat launch. While at one time access to this roadway was controlled, this is no longer the case. The street is already open to the public, maintained by the City, and serves as the only access to a public boat launch.

The reason we are requesting that this short section be officially dedicated as a City street is to provide a viable means of accessing a parcel of land owned by the Jefferson County SPCA (SPCA) that borders the street. The right to access this property from Route 3 was taken (purchased) by the state in 1982 when Route 3 was realigned and reconstructed. The taking was via a "Fee without access." Based on initial inquiries at the NYSDOT, any attempts to restore the right to access our property from Route 3 would be very costly and most likely futile.

Since the section of Marble Street was never dedicated as an official City Street, we are unable to apply to the City for a curb cut to access the property, rendering it inaccessible and essential worthless. Our parcel could be accessed a short distance off of Eastern Boulevard if the road were dedicated as an official City street. This would allow the Jefferson County SPCA to sell the parcel to a developer and use the funds to help further our organization's mission.

As you are probably aware, The Jefferson County SPCA is a non-profit organization dedicated to finding permanent and loving homes for homeless pets, providing shelter, healthcare, and behavioral evaluation before adoption; reducing the numbers of homeless animals by spaying and neutering; promoting the return of lost animals to their homes by microchipping before adoption and community outreach with lost pet alerts; and promoting the humane treatment of animals and responsible pet ownership through community education and awareness.

The Jefferson County SPCA is a non-profit organization that was founded in 1891 to help protect and care for domestic animals in Jefferson County. We are the only no-kill facility in the area, as well as being the only shelter to accept owned dogs, stray and owned cats, or small critters of any kind in the county. Our shelter also has the only early-age spay/neuter before adoption program in Jefferson County.

As a non-profit organization, our service to the community depends on the donations that we receive from the general public as well as from our varied fund-raising events. While this income helps to cover operational costs, the ability to sell our unused land for future development would help us to make some much needed capital improvements.

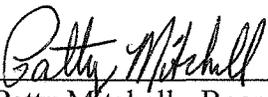
The City Council is in a position to help support the SPCA as we look to secure our financial stability for the future. We are hopeful that the Council recognizes all of the contributions that the SPCA makes to the betterment of the City of Watertown, and can help accommodate our request to dedicate this section of road as an official City street, and allow a curb cut for access to our property.

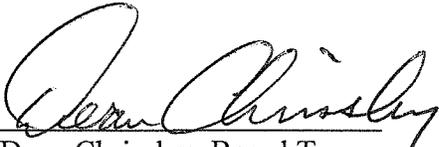
Thank you for your thoughtful consideration of our request.

Sincerely,

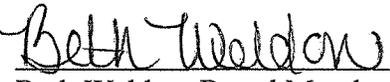

Douglas Marlow, Executive Director

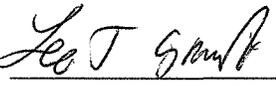

Beth Augustus, Board President

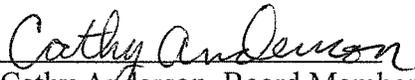

Patty Mitchell, Board Secretary

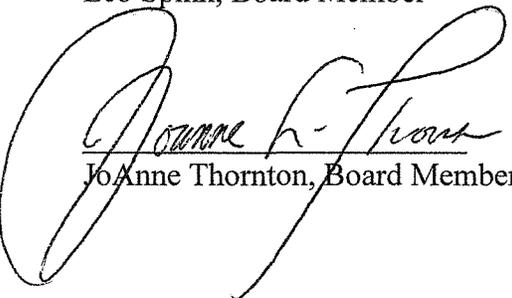

Dean Chrissley, Board Treasurer


Jean Bilow, Board Member


Beth Weldon, Board Member


Leo Spink, Board Member


Cathy Anderson, Board Member


JoAnne Thornton, Board Member

August 15, 2017

To: The Honorable Mayor and City Council

From: Michael A. Lumbis, Planning and Community Development Director

Subject: Public Hearing for the Community Development Block Grant Program
Consolidated Annual Performance and Evaluation Report

As part of the City's Community Development Block Grant (CDBG) Program, the City Council is required to hold at least two public hearings annually to obtain public input and comments on our program. The first public hearing, typically held in March, is conducted as we prepare to write our Annual Action Plan. A second public hearing must be held in September, after the conclusion of our program year, to allow the public to comment on the City's annual performance.

The September public hearing coincides with the submission of the City's Consolidated Annual Performance and Evaluation Report (CAPER) to the U.S. Department of Housing and Urban Development (HUD). Federal regulations require that the City submit the CAPER within 90 days of the close of the program year, which is September 28. At least fifteen days prior to the public hearing, a draft of the CAPER will be available for public review.

It is therefore recommended that the City Council schedule a public hearing to hear public comments on the City's Community Development Block Grant Consolidated Annual Performance and Evaluation Report for 7:30 p.m. on Monday, September 18, 2017.

August 15, 2017

To: The Honorable Mayor and City Council
From: James E. Mills, City Comptroller
Subject: Sales Tax Revenue – July 2017

The City has received the monthly sales tax revenue amount from Jefferson County. In comparison to last July, sales tax revenue on an actual to actual basis was up \$37,340 or 2.43%. In comparison to the original budget projection for the month, sales tax was down \$2,167 or 0.14%.

The year-to-date actual receipts are up \$37,340 or 2.43% while the year-to-date receipts on a budget basis are down \$2,167 or 0.14%. Year-to-date sales tax revenue finished at \$1,573,554.

The attached spreadsheet shows the detail collections for this year and last year along with the budgeted amounts. Collections for the Fiscal Years' 2013-14, 2014-15, 2015-16 and 2016-17 have been included for historical perspective.

	<u>Actual 2013-14</u>	<u>Actual 2014-15</u>	<u>Actual 2015-16</u>	<u>Actual 2016-17</u>	<u>Actual 2017-18</u>	<u>Variance</u>	<u>% Inc/(Dec)to Prior Year</u>	<u>Quarterly Variance</u>	<u>% Inc/(Dec) to Prior Quarter</u>
July	\$ 1,492,579	\$ 1,412,829	\$ 1,509,325	\$ 1,536,214	\$ 1,573,554	\$ 37,340	2.43%		
August	\$ 1,463,877	\$ 1,247,954	\$ 1,494,788	\$ 1,435,666	\$ -				
September	\$ 1,760,254	\$ 2,206,655	\$ 1,683,486	\$ 1,982,777	\$ -			37,340	0.75%
October	\$ 1,584,174	\$ 1,405,774	\$ 1,339,731	\$ 1,295,166	\$ -				
November	\$ 1,116,784	\$ 1,398,402	\$ 1,375,619	\$ 1,355,551	\$ -				
December	\$ 1,543,425	\$ 1,540,727	\$ 1,351,562	\$ 1,752,250	\$ -			-	0.00%
January	\$ 1,238,468	\$ 1,261,235	\$ 1,332,286	\$ 1,363,372	\$ -				
February	\$ 1,076,005	\$ 1,059,321	\$ 1,084,467	\$ 1,087,663	\$ -				
March	\$ 1,471,964	\$ 1,295,074	\$ 1,426,339	\$ 1,548,314	\$ -			-	0.00%
April	\$ 1,271,765	\$ 1,286,204	\$ 1,333,096	\$ 1,313,100	\$ -				
May	\$ 1,298,653	\$ 1,288,547	\$ 1,348,173	\$ 1,325,536	\$ -				
June	\$ 1,699,052	\$ 1,726,963	\$ 1,789,321	\$ 1,821,198	\$ -			-	0.00%
YTD	<u>\$ 17,017,001</u>	<u>\$ 17,129,685</u>	<u>\$ 17,068,193</u>	<u>\$ 17,816,807</u>	<u>\$ 1,573,554</u>	<u>\$ 37,340</u>	<u>2.43%</u>		

	<u>Original Budget</u>		<u>Variance</u>	<u>%</u>	<u>Quarterly Variance</u>	<u>% Inc/(Dec) to Prior Quarter</u>
	<u>2017-18</u>	<u>Actual 2017-18</u>				
July	\$ 1,575,721	\$ 1,573,554	\$ (2,167)	-0.14%		
August	\$ 1,472,587	\$ -				
September	\$ 2,033,768	\$ -			(2,167)	-0.04%
October	\$ 1,328,473	\$ -				
November	\$ 1,390,412	\$ -				
December	\$ 1,797,313	\$ -			-	0.00%
January	\$ 1,398,434	\$ -				
February	\$ 1,115,634	\$ -				
March	\$ 1,588,132	\$ -			-	0.00%
April	\$ 1,346,868	\$ -				
May	\$ 1,359,625	\$ -				
June	\$ 1,868,033	\$ -			-	0.00%
YTD	<u>\$ 18,275,000</u>	<u>\$ 1,573,554</u>	<u>\$ (2,167)</u>	<u>-0.14%</u>		

August 16, 2017

To: The Honorable Mayor and City Council
From: James E. Mills, City Comptroller
Subject: Sale of Surplus Hydro-electricity – July 2017

The City has received the monthly hydro-electricity production and consumption data from National Grid. In comparison to last July, the sale of surplus hydro-electric power on an actual to actual basis was up \$568,474 or 770.14%. In comparison to the original budget projection for the month, revenue was up \$463,586 or 259.42%.

The year-to-date actual revenue is up \$568,474 or 770.14% while the year-to-date revenue on a budget basis is up \$463,586 or 259.42%. Year-to-date revenue is at \$642,288.

The attached spreadsheet shows the monthly revenues for this year and last year along with the budgeted amounts. Revenues for the Fiscal Years' 2012-13, 2013-14, 2014-15, 2015-16 and 2016-17 have been included for historical perspective.

	<u>Actual 2012-13</u>	<u>Actual 2013-14</u>	<u>Actual 2014-15</u>	<u>Actual 2015-16</u>	<u>Actual 2016-17</u>	<u>Actual 2017-18</u>	<u>Variance</u>	<u>% Inc/(Dec)to Prior Year</u>
July	\$ 821	\$ 382,759	\$ 286,952	\$ 321,539	\$ 73,815	\$ 642,288	\$ 568,474	770.14%
August	\$ 2,060	\$ 115,769	\$ 293,338	\$ 11,805	\$ 278,611	\$ -		0.00%
September	\$ 17,605	\$ 48,478	\$ 38,778	\$ 14,857	\$ 22,118	\$ -		0.00%
October	\$ 261,082	\$ 237,797	\$ 296,432	\$ 260,804	\$ 208,586	\$ -		0.00%
November	\$ 105,694	\$ 473,459	\$ 331,977	\$ 393,589	\$ 396,753	\$ -		0.00%
December	\$ 356,383	\$ 323,081	\$ 502,018	\$ 542,231	\$ 470,259	\$ -		0.00%
January	\$ 179,469	\$ 240,183	\$ 246,137	\$ 380,018	\$ 481,938	\$ -		0.00%
February	\$ 160,026	\$ 225,629	\$ 158,920	\$ 440,304	\$ 325,684	\$ -		0.00%
March	\$ 338,154	\$ 232,743	\$ 154,182	\$ 634,598	\$ 418,328	\$ -		0.00%
April	\$ 551,360	\$ 468,075	\$ 577,742	\$ 555,833	\$ 688,018	\$ -		0.00%
May	\$ 324,167	\$ 660,449	\$ 192,410	\$ 275,751	\$ 711,278	\$ -		0.00%
June	\$ 474,813	\$ 421,856	\$ 638,045	\$ 162,659	\$ 681,514	\$ -		0.00%
YTD	<u>\$ 2,771,633</u>	<u>\$ 3,830,277</u>	<u>\$ 3,716,931</u>	<u>\$ 3,993,988</u>	<u>\$ 4,756,903</u>	<u>\$ 642,288</u>	<u>\$ 568,474</u>	<u>770.14%</u>

	<u>Original Budget</u>		<u>Variance</u>	<u>%</u>
	<u>2017-18</u>	<u>Actual 2017-18</u>		
July	\$ 178,702	\$ 642,288	\$ 463,586	259.42%
August	\$ 151,717	\$ -		0.00%
September	\$ 23,080	\$ -		0.00%
October	\$ 334,194	\$ -		0.00%
November	\$ 421,890	\$ -		0.00%
December	\$ 385,045	\$ -		0.00%
January	\$ 306,729	\$ -		0.00%
February	\$ 230,890	\$ -		0.00%
March	\$ 411,019	\$ -		0.00%
April	\$ 589,841	\$ -		0.00%
May	\$ 466,713	\$ -		0.00%
June	\$ 320,180	\$ -		0.00%
YTD	<u>\$ 3,820,000</u>	<u>\$ 642,288</u>	<u>\$ 463,586</u>	<u>259.42%</u>