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August 29, 2022

Village of Fayetteville
Planning Board
425 E Genesee Street
Fayetteville, New York 13066

Attn: Jane Rice, Planning Board Chair

Re: **129 W. Genesee Street Splash Car Wash – Site Plan Review**

Dear Ms. Rice,

The following letter has been written in response to the review comments from Napierala Consulting dated August 18, 2022, received from the Village of Fayetteville on August 24, 2022. The following comments have been addressed below.

Site Plan Application

- 1) The site plan application indicates runoff to a stormwater management area/green infrastructure, but nothing is indicated on the plan. The village encourages the use of green infrastructure practices prior to the direct discharge into Limestone Creek.

The reduction in impervious surfaces eliminates the need for green infrastructure practices associated with the required NYSDEC GP-0-20-001 permit. NYSDEC eliminated the requirement for such redevelopments because of the recognized improvement of runoff leaving the site. The amount of impervious reduction was not identifiable with the initial concept.

Full Environmental Assessment Form

- 2) Section D.2.d.iii should identify the Meadowbrook-Limestone WWTP and not Metro. As such this project is subject to additional requirement by OCWEP for sewer connections.
Please see revised Full Environmental Assessment Form included with this comment response letter.
- 3) Section D.2.d.vi should identify the design of the recycling/reuse/water reclamation system.
Please see revised Full Environmental Assessment Form included with this comment response letter.
- 4) Section D.2.r should identify the management disposal of solid waste, being a commercial project
Please see revised Full Environmental Assessment Form included with this comment response letter.



Site Plans

1) Existing Conditions and Demolition Plan, C2

- a. The existing conditions should include a current survey by a licensed land surveyor
Please see Existing Features survey map Sheet C2.
- b. The plans should include typical demolition notes, including but not limited to:
 - i. Coordinate all waterline removals with OCWA
 - ii. Coordinate all sewer removals with OCWEP
 - iii. Coordinate all power removals with National Grid
 - iv. All work within the right of way requires a permit from NYSDOT and OCDOT
 - v. Tree identified to remain on C3 should be shown on the demolition plan and noted/detailed with tree protection

Please see revised Existing Conditions and Demolition Plan sheet C2A.

2) Site Plan, C3

- a. Provide an accessible aisle, signage and curb ramps with details, per ADA requirements.
Please see revised Site plan.
- b. Provide delivery/vendor/garbage truck circulation path on the plan for review.
Turning movement sheet will be provided in the near future.
- c. Coordinate review of firetruck/EMS access with the Village of Fayetteville Fire Department
Comment acknowledged.
- d. Suggest the use of way signs, including but not limited to:
 - i. "Do Not Enter" at escape exit area for southbound patrons
 - ii. Directional sign at tunnel exit to direct traffic to Highbridge Street for eastbound Route 5 Traffic
 - iii. No left turn sign for traffic upon entering from Highbridge Street***Please see revised Site Plan.***
- e. Encroachments appear in NYSDOT right of way (parking spaces, dumpster, vac motor pads, etc)
Site layout had been revised, no encroachment in NYSDOT right of way is currently proposed.
- f. Identify quantity of stacking vehicles/queue length. How does the queue length relate to the expected traffic generation?
The site has the ability to have 30 vehicles stacked in the queue.
- g. Identify limit of proposed concrete pavement noted near the pay stations vs. asphalt pavement.
Concrete pavement will be used throughout the entire site.
- h. Regarding the vacuum motor pad, what is mounted on it? Is visual screening necessary?
The vacuum motor producer and filter separator are mounted on the motor pad. Please see details and cutsheets included with this comment response letter.
- i. Minimal buffer is provided between the pay station and the property to the south.
Noted.
- j. Traffic circulation, how do employees get to the designated parking area when cars are queueing?
This logistical issue is common to car washes. Employees understand to arrive early enough to navigate the queue, as though they are receiving a car wash, but then utilize the escape lane.

3) Utility Plan, C4

- a. Coordinate any new/required utility easements for water and sewer within the former Fitch Street right of way with the respective county agencies.

All new/required utility easements for water & sewer within the former Fitch Street right-of-way will be obtained prior to construction.

- b. Check for storm/sewer conflicts at crossings

Comment acknowledged.

- c. Coordinate sewer connection with OCWEP.

Noted.

- d. Coordinate water connection with OCWA.

Noted.

- e. Provide details for water recycling system and oil water separator.

Details for water recycling system and oil water separator will be provided in the near future.

- f. It appears the applicant intends to reuse the existing storm sewer in Fitch Street, however "no pipes", "filled" and "cannot open" is noted on the inlets. The existing storm sewer needs to be evaluated for integrity and re-use or called out to be replaced.

Notes have been added to the plan for the contractor to access/assess the condition of the existing storm sewer and replaced if the Village inspector deems it necessary.

- g. Show existing overhead electric on the plan, possible interference with the dumpster/trash removal process.

Please see Utility Plan. There is no expected conflict with existing overhead electric and the dumpster/trash removal process.

4) Grading Plan, C5

- a. The site is within the floodway as noted in the applicant's engineers report. The applicant needs to provide a flood study with earthwork calculations for review of impact and evaluation of "net decrease in fill" statement.

A study is being completed that will demonstrate a net export of fill from the site.

- b. Regarding the existing catch basin in Fitch Street, noted as T.G. 435.21 along curblin, will this impact overland drainage from the offsite property to the south?

Overland drainage from the property to the south should not be impacted by utilization of the existing catch basin.

- c. The driveway at Route 5 is noted at 2.5% slope, however it is graded flat with two 439 contours.

Please see revised Grading Plan.

5) Lighting Plan, C6

- a. Light pole detail indicates a mounting height of 23' (20' pole on 3' base), photometric plan indicates 20' mounting height.

Light pole detail has been revised to correctly show 20' mounting height (17' pole on 3' base).

- b. Light spill is excessive at Route 5, Highbridge Street and neighboring property to the south. Light spill should be close to 0.0 at property lines.

Light poles have been proposed at the perimeter of the site and aimed inward to keep light spill contained. We will provide an updated Lighting Plan reducing light spill at property line in the near future.

- c. Provide lighting cut sheets for planning board review.

Please see lighting cut sheets included with this submission package.

6) Landscape Plan, C7

- a. Norway spruce is called for underneath the overhead powerline, suggest relocating spruce tree.

Please see revised Landscape Plan.

- b. Areas not paved should be identified as grass areas.

- Lawn areas have been depicted on revised Landscape Plan.*
- c. Landscaping seems sparse around building. We defer to the planning board for the suggestion of additional landscaping.
Please see revised landscape plan, perimeter building plantings have been increased.
 - d. Notes appear to be missing on the Tree Planting Detail.
Detail has been corrected on revised Landscape Plan.
- 7) Details, C8
- a. Dumpster enclosure - coordinate masonry block wall exterior finish and green vinyl chain link fence slats on swing gates with planning board.
Comment acknowledged, dumpster block wall exterior and fencing will be coordinated with planning board.
- 8) Details, C9
- a. Catch basin detail should include a sump, 18" minimum. Provide frame and grate number and detailed top section other than concrete gutter to coincide with plans.
Updated Catch basin detail will be provided under separate cover.
 - b. Provide a water/sewer crossing detail
Please see WATERMAIN – SEWER CROSSING detail on sheet C9.

Trip Generation and Distribution Assessment Letter

In concert with any review from NYSDOT and OCDOT, we respectfully offer the following comments for consideration:

- 1) The trip generation for Automated Car Wash (948) is based on data from 1 study of a carwash only 2,000 sf in size for the PM peak analysis and 3 studies of a 4,000-sf average carwash for Saturday peak hour. It is in the interest of the Village to request actual traffic generation from similar size operations from the applicant for the AM, PM and Saturday peak hours during the peak use season.

Data collection has been scheduled at an existing Splash Car Wash in Geneva, NY and will be summarized and assessed as it relates to the proposed car wash project.

- 2) It is stated that no pass-by trip information is available for Saturday peak hour, yet a pass-by rate of 45% is assumed.

Despite there being no data during the Saturday peak period, based upon our engineering judgement for this type of land use, some level of pass-by trips will occur. Therefore, a conservative pass-by rate of 45% was used during the PM and SAT peak hours.

- 3) Left turns onto Highbridge Street from WB Route 5 traffic are indicated on Figures 1 through 4 when a left turn is prohibited.

The updated trip generation letter, included with this comment response letter, corrects this movement and associated trips generated.

General Engineering/Planning Practices

- 1) No sign information was provided as per Village Code §139-7

Please see signage package included with this comment response letter.

- 2) A subdivision/consolidation plan will need to be submitted to the Village for review. In particular easements for the existing waterline and utilities within the proposed abandonment of Fitch Street right-of-way will need to be identified.

Noted. A subdivision/consolidation plan has been submitted to the Village by Ianuzi & Romans Land Surveying, P.C..

- 3) A floor plan and building elevations should be provided to the Village Planning Board for review of colors, materials, etc...

Please see floor plan and building elevations included with this comment response letter.

Additional Reviewing/Permitting Practices

- 1) A highway work permit will be required by NYSDOT for work within the NYS Route 5 right of way. The applicant should provide the Village with an understanding that NYSDOT has reviewed/accepted the TIS and will allow for the highway access as shown on the plans.

We are currently working through the review process with NYSDOT. We will submit correspondence of review/acceptance in the near future.

- 2) A highway work permit will be required by OCDOT for work within the Highbridge Road right of way. The applicant should provide the Village with an understanding that OCDOT has reviewed/accepted the TIS and will allow for the highway access and pedestrian accommodations as shown on the plans.

Comment acknowledged. Correspondence with OCDOT will be provided with future submission.

- 3) A stormwater permit is required as this project will disturb more than one-acre of land. We acknowledge the reduction in impervious area as a stormwater practice, however a full SWPPP should be prepared, including the NYSDEC Notice of Intent and submitted to the Village for review.

The SWPPP is being completed and will be submitted in the near future.

- 4) What is the NYSDEC Brownfield Cleanup Program timeframe?

The Brownfield Cleanup has been handled outside our office. It is our understanding that the seller is responsible for providing our clients with a site that is "clean" and free of development restrictions.

- 5) Building should be 2' above BFE or designed accordingly per village code and FEMA regulations

Raising the finished floor elevation to 2' above the BFE is neither practical nor in the best interest of the Village. The building will be flood-proofed through architectural treatment.

Please review the enclosed material and feel free to contact me with any questions. This submission includes the following:

- This Comment Response Letter
- Revised Plan Set
- Updated Long Form EAF
- Lighting fixture cutsheets
- Updated Trip Generation Letter
- Site Sign Package
- Architectural Floor plans and Building Elevations

Sincerely,

DDS Engineering and Surveying, LLP



Garrett Steiner EIT | Project Engineer | gsteiner@ddscompanies.com | 585-340-0537

Cc: Matthew R. Napierala, P.E., Napierala Consulting

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project: 129 Genesee Street - Splash Car Wash		
Project Location (describe, and attach a general location map): 129 Genesee Street, Fayetteville, NY 13066		
Brief Description of Proposed Action (include purpose or need): Construction of a new ±5,400 SF vehicle wash facility on a vacant lot. Project also consists of construction of concrete drive and parking areas, sanitary and water connections, and storm pipes/structures. Existing pavement areas will be removed and replaced with lawn.		
Name of Applicant/Sponsor: Splash Car Wash, Inc.	Telephone: 585-303-9448	
	E-Mail: jeffarnold@gmail.com	
Address: 1 Coulter Road		
City/PO: Clifton Springs	State: Ny	Zip Code: 14432
Project Contact (if not same as sponsor; give name and title/role): Cade Krueger - Project Manager - DDS Engineering and Surveying, LLP	Telephone: 585-359-7540	
	E-Mail: ckrueger@ddscompanies.com	
Address: 45 Hendrix Road		
City/PO: Rochester	State: NY	Zip Code: 14586
Property Owner (if not same as sponsor): Point Five Development Fayetteville, LLC	Telephone:	
	E-Mail:	
Address: 129 W Genesee Street		
City/PO: Fayetteville	State: NY	Zip Code: 13066

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

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	Fitch Street Acquisition	Public Hearing 6/27/22
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Planning Board: Special Use Permit Application, Site Plan Application	6/24/22
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	SOCPA, WEP, OCWA, OCHD: sanitary sewer, backflow, water service design review	
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDEC: stormwater permit, NYSDOT: ROW work in NYS-5	
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

C.2. Adopted land use plans.

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

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☒ Yes ☐ No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☒ Yes ☐ No

If Yes, identify the plan(s):

Remediation Sites: C734106

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐ Yes ☒ No

If Yes, identify the plan(s):

C.3. Zoning

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

CB - Contemporary Business

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

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☒ No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Fayetteville - Manlius

b. What police or other public protection forces serve the project site?

Town of Manlius Police Dept.

c. Which fire protection and emergency medical services serve the project site?

Fayetteville Fire Dept.

d. What parks serve the project site?

Green Lakes State Park, Canal Landing Park

D. Project Details

D.1. Proposed and Potential Development

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

b. a. Total acreage of the site of the proposed action? _____ 1. acres

b. Total acreage to be physically disturbed? _____ 1.17 acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 1.14 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☒ No

i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☒ Yes ☐ No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

Commercial Lot combination.

ii. Is a cluster/conservation layout proposed? ☒ Yes ☐ No

iii. Number of lots proposed? _____ 1 _____

iv. Minimum and maximum proposed lot sizes? Minimum 1.14 Acres Maximum 1.14 Acres

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☒ No

i. If No, anticipated period of construction: _____ 4 months

ii. If Yes:

- Total number of phases anticipated _____

- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year

- Anticipated completion date of final phase _____ month _____ year

- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
If Yes, show numbers of units proposed.				
	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes,	
i. Total number of structures <u>1</u>	
ii. Dimensions (in feet) of largest proposed structure: _____ height; <u>38'</u> width; and <u>160'</u> length	
iii. Approximate extent of building space to be heated or cooled: <u>5,400</u> square feet	

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes,	
i. Purpose of the impoundment: <u>Water Storage Tank</u>	
ii. If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input checked="" type="checkbox"/> Other specify:	
<u>Recycled waste water from vehicle wash</u>	
iii. If other than water, identify the type of impounded/contained liquids and their source.	
iv. Approximate size of the proposed impoundment. Volume: <u>0.006</u> million gallons; surface area: <u>0.014</u> acres	
v. Dimensions of the proposed dam or impounding structure: <u>10'</u> height; <u>60'</u> length	
vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):	
<u>Concrete</u>	

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)	
If Yes:	
i. What is the purpose of the excavation or dredging? _____	
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?	
<ul style="list-style-type: none"> • Volume (specify tons or cubic yards): _____ • Over what duration of time? _____ 	
iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.	

iv. Will there be onsite dewatering or processing of excavated materials? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, describe. _____	

v. What is the total area to be dredged or excavated? _____ acres	
vi. What is the maximum area to be worked at any one time? _____ acres	
vii. What would be the maximum depth of excavation or dredging? _____ feet	
viii. Will the excavation require blasting? <input type="checkbox"/> Yes <input type="checkbox"/> No	
ix. Summarize site reclamation goals and plan: _____	

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes:	
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____	

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

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

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

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

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

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

i. Total anticipated water usage/demand per day: _____ 7,000 gallons/day

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

- Name of district or service area: Otisco Lake and Ontario Lake Combined Supply
- Does the existing public water supply have capacity to serve the proposal? ☒ Yes ☐ No
- Is the project site in the existing district? ☒ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☒ No
- Do existing lines serve the project site? ☐ Yes ☒ No

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

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

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

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

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

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

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

i. Total anticipated liquid waste generation per day: _____ 7,000 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____
Sanitary wastewater from vehicle wash and bathrooms. _____

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

- Name of wastewater treatment plant to be used: Meadowbrook-Limestone Wastewater Treatment Plant
- Name of district: Onondaga County Sewer District
- Does the existing wastewater treatment plant have capacity to serve the project? ☒ Yes ☐ No
- Is the project site in the existing district? ☒ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☒ No

<ul style="list-style-type: none"> • Do existing sewer lines serve the project site? _____ • Will a line extension within an existing district be necessary to serve the project? _____ <p>If Yes:</p> <ul style="list-style-type: none"> • Describe extensions or capacity expansions proposed to serve this project: _____ 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____	
<p>If Yes:</p> <ul style="list-style-type: none"> • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____ 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans): _____	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____	
Site will use a 100gpm VRC100 Reclaim System by Velocity Water Works to reclaim and reuse waste water generated by the wash tunnel.	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? _____	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes:	
i. How much impervious surface will the project create in relation to total size of project parcel?	
32,670 Square feet or 0.75 acres (impervious surface)	
49,659 Square feet or 1.14 acres (parcel size)	
ii. Describe types of new point sources. <u>Pipe discharge/sheet flow</u>	
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? _____	
On-site stormwater management structures to off-site surface waters.	
<ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: <u>Lime Stone Creek</u> 	
<ul style="list-style-type: none"> • Will stormwater runoff flow to adjacent properties? _____ 	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? _____	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes, identify:	
i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)	
iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? _____	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes:	
i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) _____	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
ii. In addition to emissions as calculated in the application, the project will generate:	
<ul style="list-style-type: none"> • _____ Tons/year (short tons) of Carbon Dioxide (CO₂) • _____ Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs) 	

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Estimate methane generation in tons/year (metric): _____</p> <p style="margin-left: 20px;">ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____</p>			
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____</p>			
<p>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. When is the peak traffic expected (Check all that apply): <input type="checkbox"/> Morning <input type="checkbox"/> Evening <input type="checkbox"/> Weekend <input type="checkbox"/> Randomly between hours of _____ to _____.</p> <p style="margin-left: 20px;">ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____</p> <p style="margin-left: 20px;">iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____</p> <p style="margin-left: 20px;">iv. Does the proposed action include any shared use parking? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____</p> <p style="margin-left: 20px;">vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Estimate annual electricity demand during operation of the proposed action: _____ 1,800 kwh</p> <p style="margin-left: 20px;">ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): Grid/local utility</p> <p style="margin-left: 20px;">iii. Will the proposed action require a new, or an upgrade, to an existing substation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>l. Hours of operation. Answer all items which apply.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 8:00 am - 5:00 pm • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> <td style="width: 50%; vertical-align: top;"> <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 7:00 am - 8:00 pm • Saturday: _____ 7:00 am - 8:00 pm • Sunday: _____ 7:00 am - 8:00 pm • Holidays: _____ </td> </tr> </table>		<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 8:00 am - 5:00 pm • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 7:00 am - 8:00 pm • Saturday: _____ 7:00 am - 8:00 pm • Sunday: _____ 7:00 am - 8:00 pm • Holidays: _____
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<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>n. Will the proposed action have outdoor lighting? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>Light poles throughout parking lot, wall packs along building. Light poles at 20', wall packs at 10'. All lights to be L.E.D. Full cut-off, dark sky compliant.</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>_____</p> <p>_____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> <p>_____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ 0.1 tons per _____ week (unit of time) • Operation : _____ 0.05 tons per _____ week (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: _____ • Operation: _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: Waste management facility _____ • Operation: Waste management facility _____ <p>_____</p>	

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

If Yes:

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

ii. Anticipated rate of disposal/processing:

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

iii. If landfill, anticipated site life: _____ years

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

If Yes:

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

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

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

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

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

If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.

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

☐ Urban ☐ Industrial ☒ Commercial ☒ Residential (suburban) ☐ Rural (non-farm)

☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	1.17	0.75	-0.42
• Forested	0	0	
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0.11	0.39	+0.28
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	
• Wetlands (freshwater or tidal)	0	0	
• Non-vegetated (bare rock, earth or fill)	0	0	
• Other Describe: _____			

<p>c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain: _____</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, i. Identify Facilities: Stack Hospital for Pets _____</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>e. Does the project site contain an existing dam? If Yes: i. Dimensions of the dam and impoundment: <ul style="list-style-type: none"> • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet ii. Dam's existing hazard classification: _____ iii. Provide date and summarize results of last inspection: _____ _____</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? If Yes: i. Has the facility been formally closed? <ul style="list-style-type: none"> • If yes, cite sources/documentation: _____ ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____ _____</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
<p>g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes: i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____ _____</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? If Yes: i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: <input type="checkbox"/> Yes – Spills Incidents database <input checked="" type="checkbox"/> Yes – Environmental Site Remediation database <input type="checkbox"/> Neither database Provide DEC ID number(s): _____ Provide DEC ID number(s): C734106 ii. If site has been subject of RCRA corrective activities, describe control measures: _____ Impacted water was removed and impacted soil below was excavated in January 2020. Currently a Remedial Investigation Work Plan is under review. iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): C734106, C734110 iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____ Mentioned above is site C734106. C734110 was a Brownfield Cleanup Program. Contaminants to the soil and groundwater are chlorinated solvents and PCBs. The BCP was terminated in 2012.</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

v. Is the project site subject to an institutional control limiting property uses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																					
<ul style="list-style-type: none"> • If yes, DEC site ID number: _____ • Describe the type of institutional control (e.g., deed restriction or easement): _____ • Describe any use limitations: _____ • Describe any engineering controls: _____ • Will the project affect the institutional or engineering controls in place? <input type="checkbox"/> Yes <input type="checkbox"/> No • Explain: _____ 																																					
E.2. Natural Resources On or Near Project Site																																					
a. What is the average depth to bedrock on the project site? _____ > 6 feet																																					
b. Are there bedrock outcroppings on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %																																					
c. Predominant soil type(s) present on project site: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Teel Silt Loam</td> <td style="width: 30%; text-align: right;">73 %</td> </tr> <tr> <td>Wayland Soils Complex</td> <td style="text-align: right;">15 %</td> </tr> <tr> <td>Hamlin Silt Loam</td> <td style="text-align: right;">12 %</td> </tr> </table>		Teel Silt Loam	73 %	Wayland Soils Complex	15 %	Hamlin Silt Loam	12 %																														
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d. What is the average depth to the water table on the project site? Average: <u>5 - 8</u> feet																																					
e. Drainage status of project site soils: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><input checked="" type="checkbox"/> Well Drained:</td> <td style="width: 40%; text-align: right;">12 % of site</td> </tr> <tr> <td><input checked="" type="checkbox"/> Moderately Well Drained:</td> <td style="text-align: right;">73 % of site</td> </tr> <tr> <td><input checked="" type="checkbox"/> Poorly Drained</td> <td style="text-align: right;">15 % of site</td> </tr> </table>		<input checked="" type="checkbox"/> Well Drained:	12 % of site	<input checked="" type="checkbox"/> Moderately Well Drained:	73 % of site	<input checked="" type="checkbox"/> Poorly Drained	15 % of site																														
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f. Approximate proportion of proposed action site with slopes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><input checked="" type="checkbox"/> 0-10%:</td> <td style="width: 40%; text-align: right;">100 % of site</td> </tr> <tr> <td><input type="checkbox"/> 10-15%:</td> <td style="text-align: right;">_____ % of site</td> </tr> <tr> <td><input type="checkbox"/> 15% or greater:</td> <td style="text-align: right;">_____ % of site</td> </tr> </table>		<input checked="" type="checkbox"/> 0-10%:	100 % of site	<input type="checkbox"/> 10-15%:	_____ % of site	<input type="checkbox"/> 15% or greater:	_____ % of site																														
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g. Are there any unique geologic features on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, describe: _____																																					
h. Surface water features. <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?</td> <td style="width: 20%; text-align: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>ii. Do any wetlands or other waterbodies adjoin the project site?</td> <td style="text-align: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="2">If Yes to either <i>i</i> or <i>ii</i>, continue. If No, skip to E.2.i.</td> </tr> <tr> <td>iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?</td> <td style="text-align: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td colspan="2">iv. 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<p>m. Identify the predominant wildlife species that occupy or use the project site:</p> <p>unknown _____</p> <p>_____</p> <p>_____</p>	
<p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p style="margin-left: 20px;">ii. Source(s) of description or evaluation: _____</p> <p style="margin-left: 20px;">iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
<p>o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing (endangered or threatened): _____</p> <p>Indiana Bat, Northern Long-eared Bat</p> <p>_____</p> <p>_____</p>	
<p>p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing: _____</p> <p>_____</p> <p>_____</p>	
<p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p> <p>_____</p>	
<p>E.3. Designated Public Resources On or Near Project Site</p>	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, provide county plus district name/number: _____</p>	
<p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="margin-left: 20px;">i. If Yes: acreage(s) on project site? _____</p> <p style="margin-left: 20px;">ii. Source(s) of soil rating(s): _____</p>	
<p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p style="margin-left: 20px;">ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</p> <p>_____</p>	
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. CEA name: _____</p> <p style="margin-left: 20px;">ii. Basis for designation: _____</p> <p style="margin-left: 20px;">iii. Designating agency and date: _____</p>	

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes: <div style="display: flex; justify-content: space-between; font-size: small;"> <div> i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District </div> <div> 117 High Bridge St, 110 High Bridge St, 108 High Bridge St, 203 Genesee St W </div> </div>	
ii. Name: Eligible property: 113 Mill St, Fayetteville, Eligible property: 120 Mill St, Fayetteville, Eligible property: 118 Mill ...	
iii. Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
g. Have additional archaeological or historic site(s) or resources been identified on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes: <div style="display: flex; justify-content: space-between; font-size: small;"> <div> i. Describe possible resource(s): _____ </div> <div> ii. Basis for identification: _____ </div> </div>	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes: <div style="display: flex; justify-content: space-between; font-size: small;"> <div> i. Identify resource: <u>Green Lakes State Park</u> </div> <div> ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>State Park</u> </div> </div>	
iii. Distance between project and resource: _____ <u>2.86</u> miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes: <div style="display: flex; justify-content: space-between; font-size: small;"> <div> i. Identify the name of the river and its designation: _____ </div> <div> ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? <input type="checkbox"/> Yes <input type="checkbox"/> No </div> </div>	

F. Additional Information

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

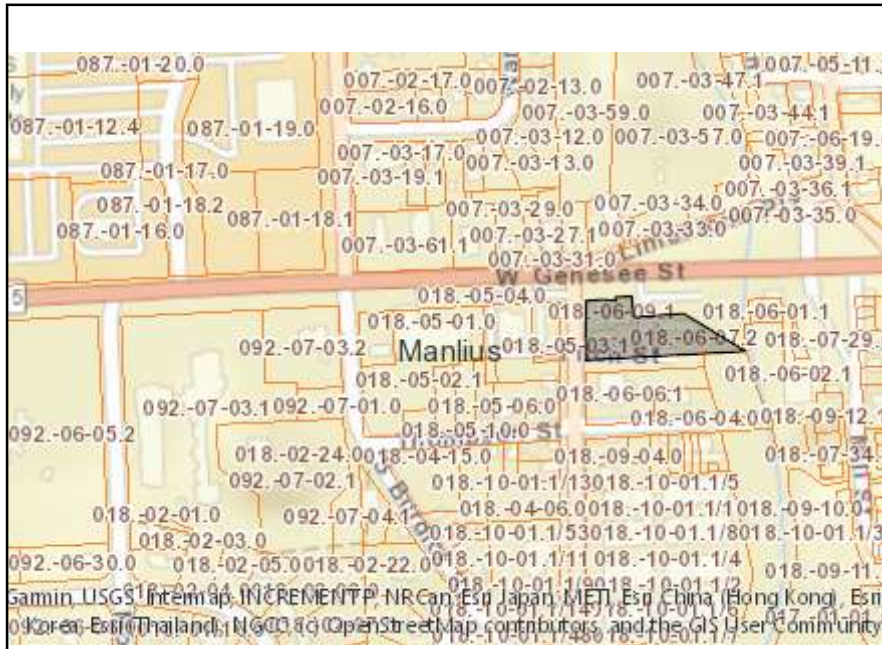
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

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

Applicant/Sponsor Name Garrett Steiner - DDS Engineers Date 8/29/22

Signature  Title Project Engineer



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.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	Remediation Sites:C734106
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Yes - Digital mapping data for Spills Incidents are not available for this location. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Yes
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Yes
E.1.h.i [DEC Spills or Remediation Site - DEC ID Number]	C734106
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	C734106, C734110
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	Yes
E.2.j. [100 Year Floodplain]	Yes

E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Indiana Bat, Northern Long-eared Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Eligible property:113 Mill St, Fayetteville, Eligible property:120 Mill St, Eligible property:118 Mill St, Eligible property:111 Mill St., Eligible property:125 Mill St, Eligible property:133 Mill St, Eligible property:119 Mill St, Eligible property:121 Mill St, Eligible property:129 Mill St, Eligible property:203 Genesee Street West, Eligible property:200 Genesee Street West, Eligible property:202 Genesee Street West, Eligible property:128 Genesee Street West, Eligible property:215 Genesee Street West, Eligible property:207 Genesee Street West, Eligible property:204 Genesee Street West, Eligible property:210 Genesee Street West, Eligible property:206 Genesee Street West, Eligible property:108 Highbridge Street, Eligible property:110 Highbridge Street, Eligible property:201 Highbridge Street, Eligible property:205 Highbridge Street, Eligible property:117 Highbridge Street, Eligible property:202 Highbridge Street, Eligible property:116 Limestone Plaza, Eligible property:110 Limestone Plaza, Eligible property:200 Highbridge Street, Eligible property:206 Highbridge Street, Genesee Street Hill-Limestone Plaza Historic District
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No

Mr. Cade Krueger
Project Manager
The DDS Companies
45 Hendrix Road
West Henrietta, New York 14586

August 29, 2022

RE: Proposed Splash Car Wash, Village of Fayetteville, NY
Trip Generation and Distribution Assessment Letter

Dear Mr. Krueger:

This technical letter provides a trip generation and distribution assessment related to the proposed Splash Car Wash project located at 129 W. Genesee Street (NY-5) in the Village of Fayetteville, NY for informational purposes and to understand the possible traffic impacts resulting from the proposed project. Additionally, this letter discusses the thresholds for completing a Traffic Impact Study (TIS). All supporting materials are included in the attachments.

PROJECT DESCRIPTION

The proposed project consists of constructing a $\pm 5,400$ square foot (SF) single tunnel car wash with 23 vacuum spaces. Access is provided via two driveways: one right-turn exit only driveway along W. Genesee Street and one full access driveway along Highbridge Street. The concept site plan is included in the attachments.

TRIP GENERATION

Data contained in the Institute of Transportation Engineers (ITE) Trip Generation Manual (11th Edition) was used to project the volume of the traffic generated by the proposed project. Data published by the ITE is the nationally accepted standard for generating trips for new uses. Given the functional characteristics of the surrounding corridors and the land use proposed for the site, the peak hours selected for analysis are the weekday commuter afternoon (PM) and Saturday (SAT) midday peak periods. The combination of site traffic and adjacent street traffic produces the greatest demand during these peak periods.

Additionally, for certain types of developments, the total number of trips generated is different from the amount of new traffic added to the adjacent highway network by the generator. Service-oriented developments (i.e., shopping centers, restaurants, and car washes) often locate adjacent to busy streets to attract the motorists already passing the site on the adjacent street(s), in this case W. Genesee Street and Highbridge Street. These sites attract a portion of their trips from traffic passing the site. The “pass-by” traffic refers to the amount of existing traffic already on the roadway adjacent to the site that, as it “passes by” the site, will enter the site driveways to patronize the project site. The quantifying of “pass-by” trips has the net result of reducing the volume of new traffic that is added to the site driveways and/or adjacent roadways.

The ITE Trip Generation Handbook (3rd Edition) was used as a reference to determine pass-by rates. The ITE does not have pass-by rate data for car washes. Therefore, pass-by rates for a gasoline/service

station with convenience market were consulted as a comparable land use. This land category can include accessory car wash facilities. Pass-by rates during the PM peak periods for this comparable land use based on ITE data range from 46% to 72% (average 56%) during the PM peak period. No data is available during the SAT peak period. The project site is likely to exhibit some level of pass-by traffic given the proposed land use and location of the project site along W. Genesee Street and Highbridge Street. Despite there being no data available during the Saturday peak period, based upon our engineering judgement for this type of land use, some level of pass-by trips will occur. A conservative pass-by rate of 45% was used during the PM and SAT peak hours.

In general, service-oriented land uses exhibit travel behavior that is elastic to localized traffic conditions and other variables. Most notably, car wash patronage is dependent, in part, upon time of day and day of week factors, discretionary income, and weather conditions.

Table 1 shows the total site generated trips, pass-by trips, and resulting primary trips that are added to the existing highway system for full development of the project.

TABLE 1: SITE GENERATED TRIPS AND ADJUSTMENTS

DESCRIPTION	ITE LUC	SIZE	PM PEAK HOUR		SAT PEAK HOUR	
			ENTER	EXIT	ENTER	EXIT
Car Wash with Vacuums	948	±5,400 SF	38	39	82	82
Pass-by Trips (45% Reduction)			-17	-18	-37	-37
Total Primary Trips			21	21	45	45

Note:

1. ITE LUC = ITE Land Use Code.

The proposed project is expected to generate approximately 38 entering/39 exiting vehicle trips during the weekday PM peak hour and 82 entering/82 exiting vehicle trips during the SAT peak hour. Not all these driveway volumes are new, but instead a portion of the proposed volume is reduced considering pass-by credits. Thus, the proposed project is expected to generate approximately 21 entering/21 exiting new vehicle trips during the weekday PM peak hour and 45 entering/45 exiting new vehicle trips during the SAT peak hour.

TRIP DISTRIBUTION

The cumulative effect of site-generated traffic on the transportation network is dependent on the origins and destinations of that traffic and the location of the driveways serving the site. The proposed arrival/departure distribution of traffic generated by the proposed project is considered a function of several parameters, including:

- Commercial/employment and residential centers in the area using US Census Data
- Site access locations
- Existing traffic controls
- Hourly traffic patterns using most recent available Annual Average Daily Traffic (AADT) data obtained from the New York State Department of Transportation (NYSDOT)

Figure 1 shows the anticipated trip distribution pattern percentages for the traffic from the proposed project. **Figures 2-4** illustrates the peak hour site generated traffic based on those percentages for the project's primary, pass-by, and total site generated trips, respectively.

The roads anticipated to be primarily used by the additional trips generated by the proposed project are listed in **Table 2**. Functional classification of roadways within the study area is determined by the NYSDOT and the Federal Highway Administration (FHWA).

TABLE 2: EXISTING HIGHWAY SYSTEM

ROADWAY	CLASS ¹	AGENCY ²	SPEED LIMIT ³	TRAVEL LANES ⁴	TRAVEL PATTERN/ DIRECTION	EST. AADT & SOURCE ⁵
W. Genesee Street (NY-5)	14	NYSDOT	30	3-4	Two-way/ East-West	22,712 NYSDOT (2015)
Highbridge Street (CR-109)	16	OCPWD	30	2	Two-way/ North-South	5,044 NYSDOT (2019)

Notes:

1. State Functional Classification of Roadway. 14 = Urban Principal Arterial, 16 = Urban Minor Arterial
2. Jurisdictional Agency of Roadway. "OCPWD" = Onondaga County Public Works Department
3. Posted or Statewide Limit in Miles per Hour (mph).
4. Number of travel lanes. Excludes turning/auxiliary lanes developed at intersections.
5. Estimated AADT in Vehicles per Day (vpd). AADT Source (Year).

THRESHOLDS FOR THE REQUIREMENT OF A TRAFFIC IMPACT STUDY

Many reviewing agencies, including the NYSDOT, use a guideline in determining whether a project warrants the preparation of a TIS. The applicable guideline is that if a proposed project is projected to add 100 or more site generated vehicles per hour (vph) to an adjacent intersection during either peak study period, then that intersection should be studied for potential traffic impacts.

Based upon the ITE trip generation projections and the resulting traffic assignment estimates shown in **Figure 2**, 56 or fewer primary (new) site generated peak hour trips are added to a single adjacent intersection during the peak hours studied. **Figure 4**, however, illustrates 125 or fewer total site generated trips (primary and pass-by trips) are projected at the proposed Highbridge Street driveway.

CONCLUSIONS AND RECOMMENDATIONS

Given the projected site generated traffic; the projected site traffic distribution; the thresholds for completing a TIS; and the roadway characteristics previously described, a full TIS report may be warranted.

If you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
SRF Associates, D.P.C.



David Kruse, AICP, PTP
Senior Transportation Planner

Attachments

ATTACHMENT

August 29, 2022

Letter to
Mr. Cade Krueger
The DDS Companies

Proposed Splash Car Wash **129 W. Genesee Street**

Trip Generation and Distribution Assessment

Village of Fayetteville
Onondaga County, New York



3495 Winton Place
Building E, Suite 110
Rochester, NY 14623

Automated Car Wash (948)

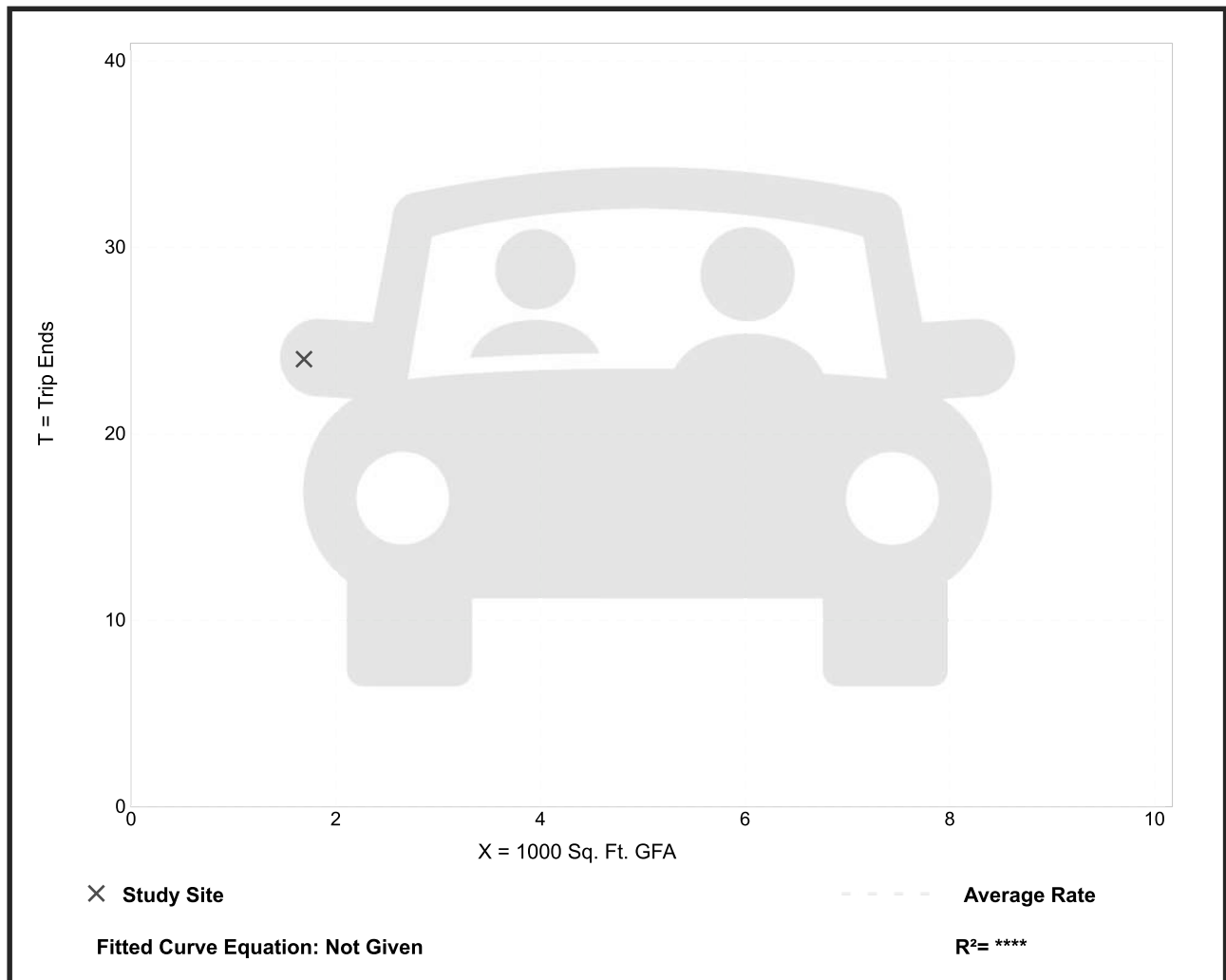
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: General Urban/Suburban
Number of Studies: 1
Avg. 1000 Sq. Ft. GFA: 2
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
14.20	14.20 - 14.20	*

Data Plot and Equation

Caution – Small Sample Size



Automated Car Wash (948)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Saturday, Peak Hour of Generator

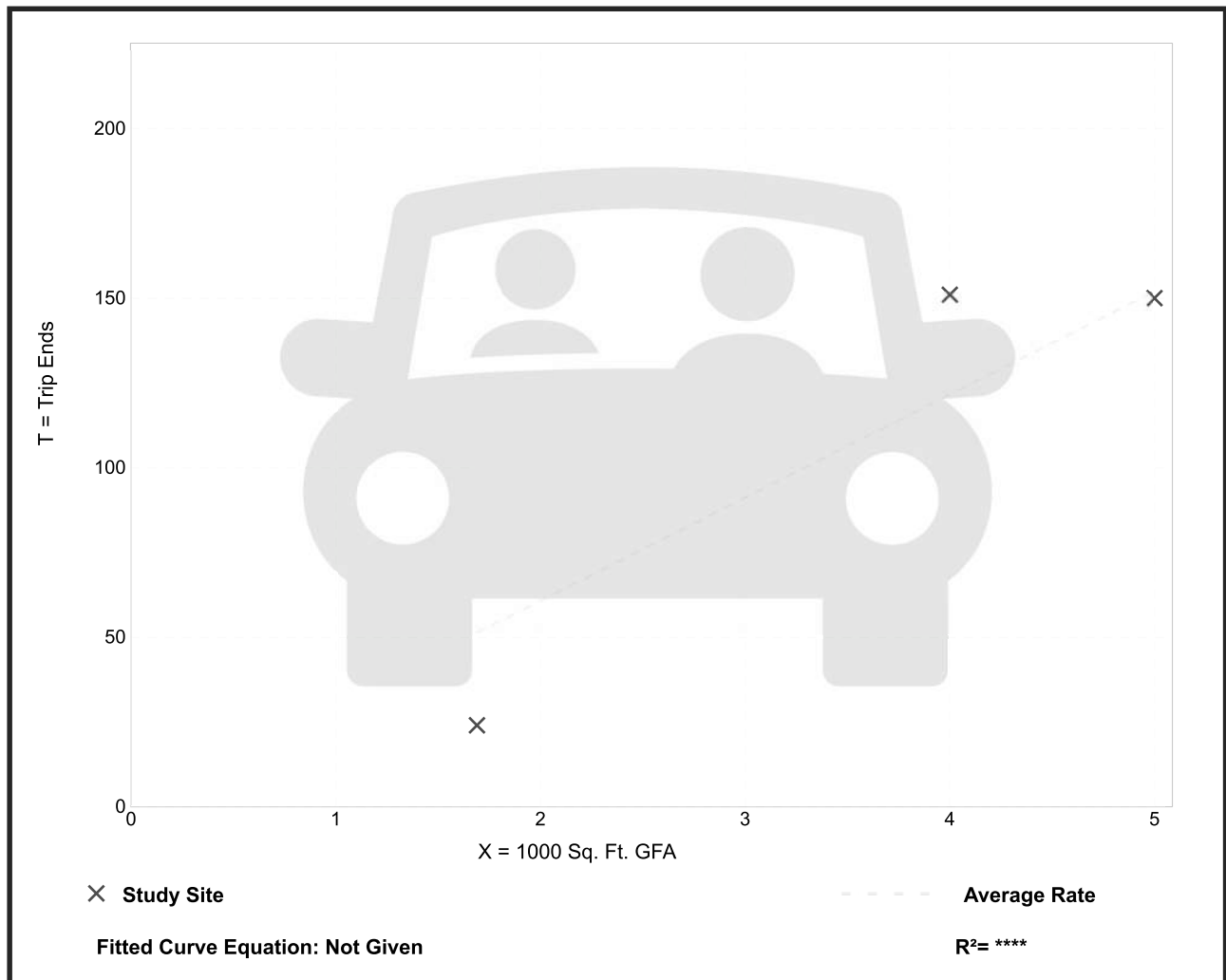
Setting/Location: General Urban/Suburban
Number of Studies: 3
Avg. 1000 Sq. Ft. GFA: 4
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
30.40	14.20 - 37.75	9.63

Data Plot and Equation

Caution – Small Sample Size



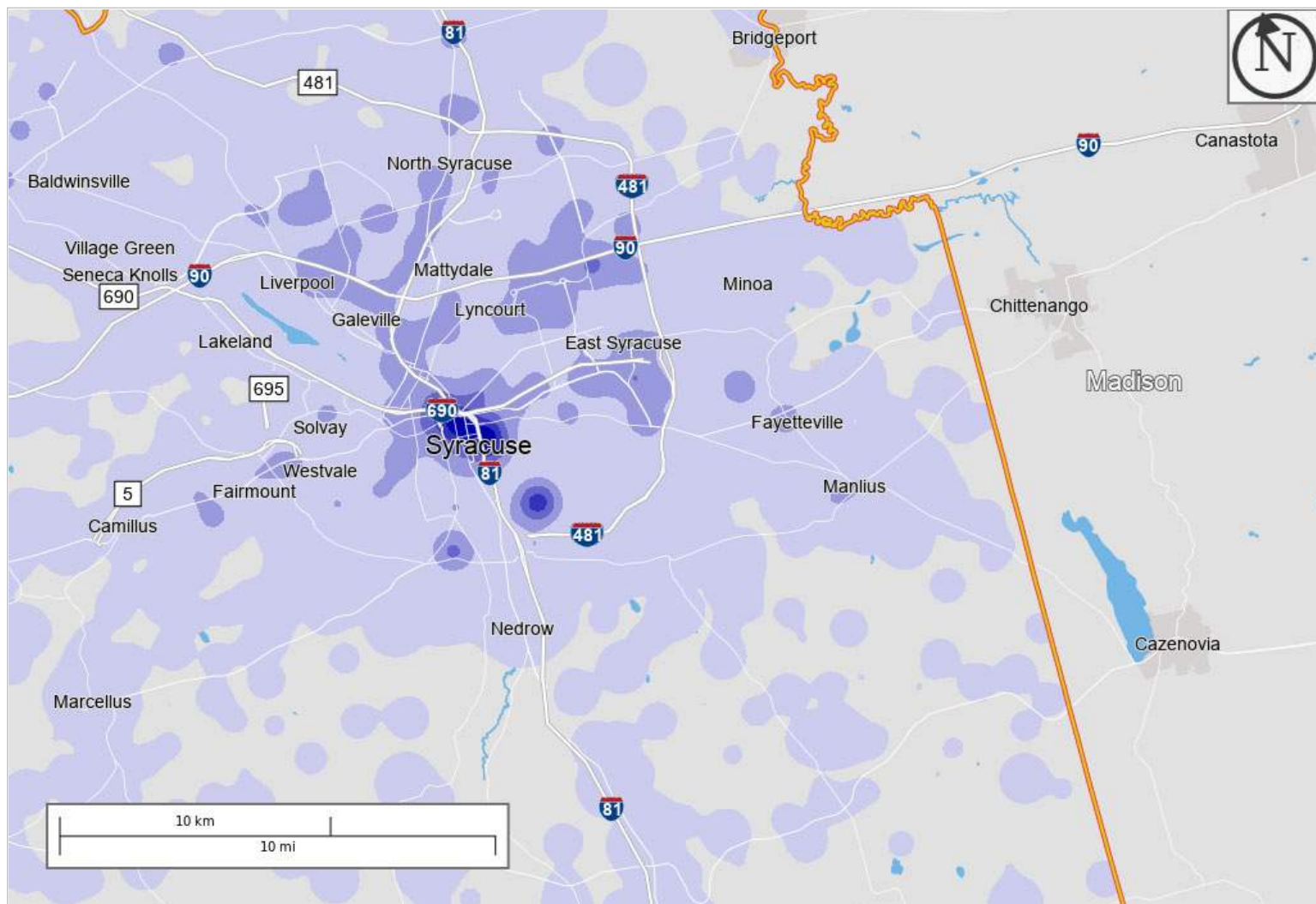
Work Area Profile Report

All Jobs for All Workers in 2019

Created by the U.S. Census Bureau's OnTheMap <https://onthemap.ces.census.gov> on 07/08/2022

Density of All Jobs in Work Selection Area in 2019

All Workers



Map Legend

Job Density [Jobs/Sq. Mile]

- 5 - 2,018
- 2,019 - 8,058
- 8,059 - 18,125
- 18,126 - 32,220
- 32,221 - 50,341

Selection Areas

- 🔴 Analysis Selection



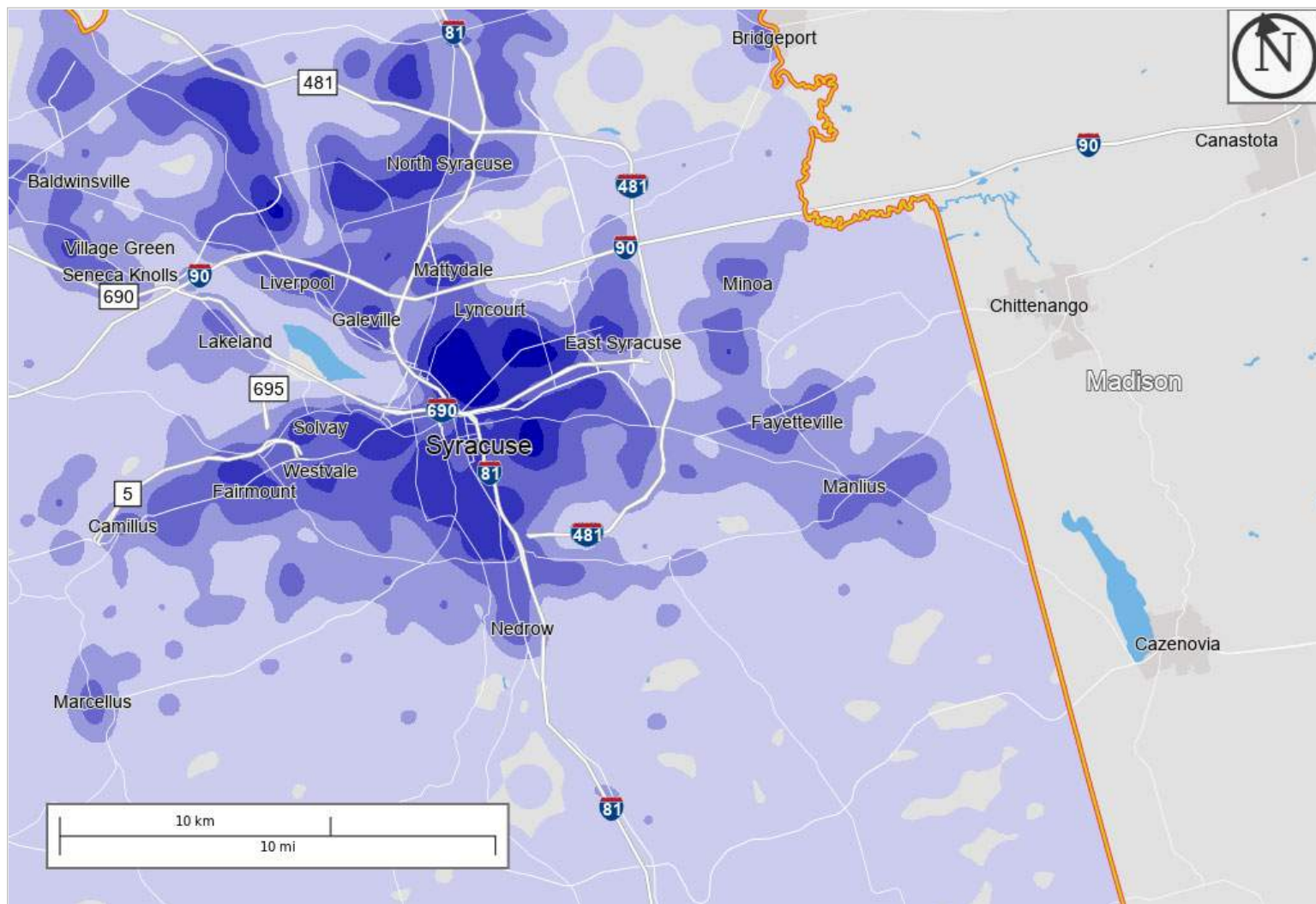
Home Area Profile Report

All Jobs for All Workers in 2019

Created by the U.S. Census Bureau's OnTheMap <https://onthemap.ces.census.gov> on 07/08/2022

Density of All Jobs in Home Selection Area in 2019

All Workers



Map Legend

Job Density [Jobs/Sq. Mile]

- 5 - 218
- 219 - 857
- 858 - 1,923
- 1,924 - 3,415
- 3,416 - 5,334

Selection Areas

- 🔴 Analysis Selection



SITE DATA:

OWNER: SPLASH CAR WASH
PROJECT LOCATION: 129 W GENESEE ST, FAYETTEVILLE, NY 13066
ACCOUNT #: 018,064-9,001
TOTAL AREA: 1.14 ACRES ±
ZONING: CONTEMPORARY BUSINESS (CB)

PARKING REQUIREMENTS:

ZONING: CONTEMPORARY BUSINESS (CB)	REQUIRED	PROPOSED
MIN. PARKING SPACE SIZE	9'X18'	9'X18' - 14'X20'
SPACES:	-	4, 23

ZONING REQUIREMENTS

ZONING: CONTEMPORARY BUSINESS (CB)	REQUIRED	PROPOSED
FRONT SETBACK	35'	61'
SIDE SETBACK	10'	35'
REAR SETBACK	35'	59'
MAX. BUILDING HEIGHT	35'	32'
MAX LOT COVERAGE (BUILDING)	35%	11%

AREA TABLE

APPROXIMATE AREA OF DISTURBANCE	1.17 AC
EXISTING IMPERVIOUS SURFACE	1.11 AC
PROPOSED IMPERVIOUS SURFACE	0.75 AC
PERCENT REDUCTION	32%
PERCENT GREENSPACE	34%

NOTE:

- CONCRETE CURBS TO BE USED THROUGHOUT SITE.
- PARCELS TO BE COMBINED INTO SINGLE LOT THROUGH SUBDIVISION APPLICATION.
- FITCH STREET TO BE GRANTED TO APPLICANT BY VILLAGE OF FAYETTEVILLE BOARD OF TRUSTEES.
- NO OUTSIDE PRE-WASH OR VEHICLE RINSING WILL OCCUR. ALL PRE-WASH WILL BE COMPLETED INSIDE THE BUILDING.

VILLAGE OF FAYETTEVILLE APPROVALS

PLANNING BOARD CHAIRMAN	DATE
DIRECTOR OF BUILDING & FIRE PREVENTION	DATE
FIRE MARSHAL	DATE
DIRECTOR OF ENGINEERING & PLANNING	DATE

45 HENDRIX RD
WEST HENRIETTA, NY 14586
PHONE: (585) 359-7540
FAX: (585) 359-7541



SPLASH CAR WASH, INC.
472 WHEELERS FARM RD
MILFORD, CT 06461
(585) 303-9448



PREPARED BY

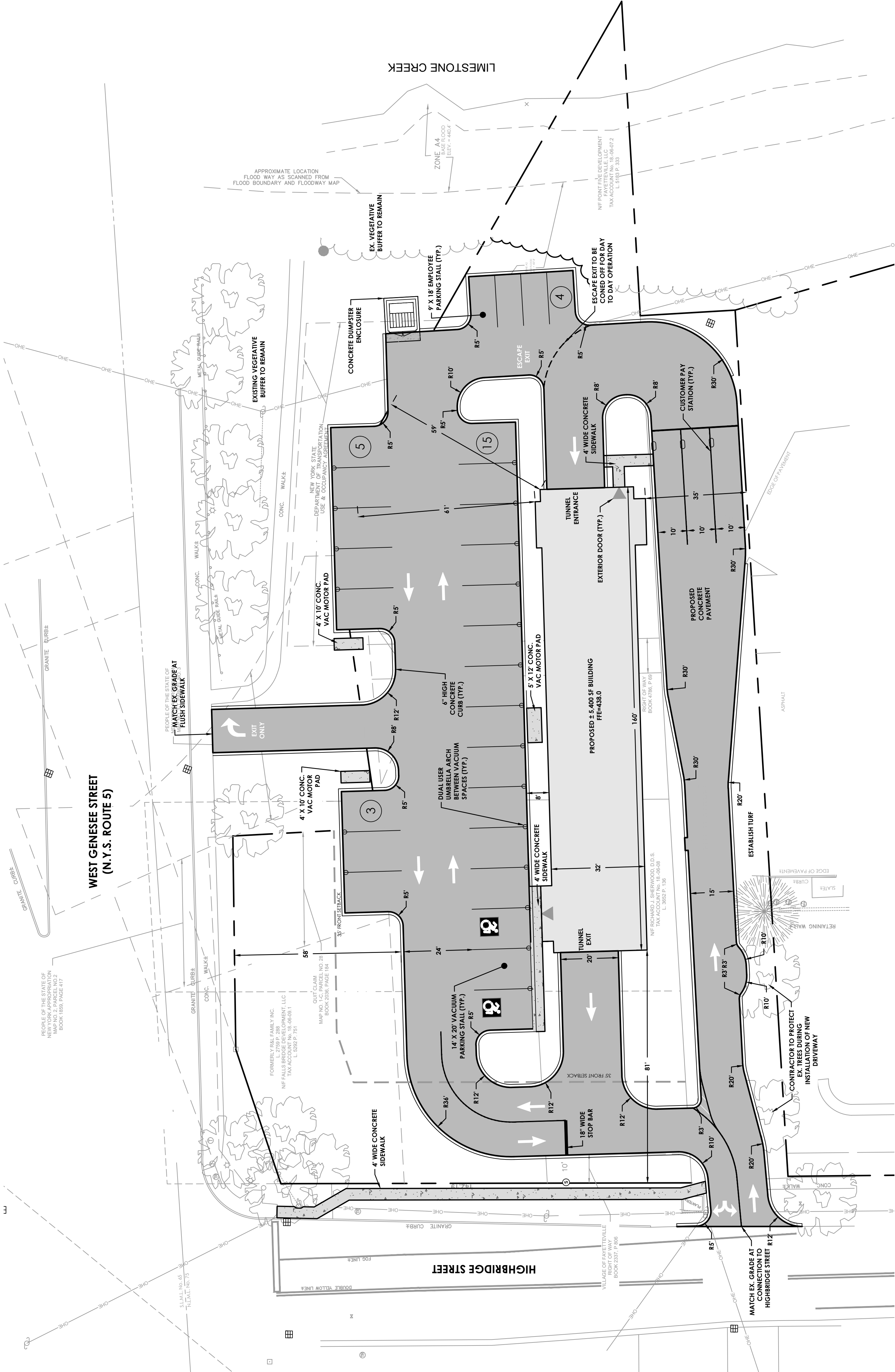
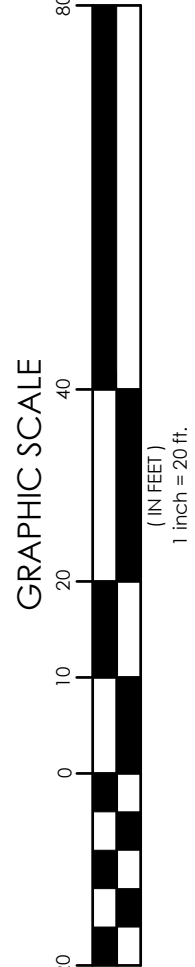
REV	DESCRIPTION	DATE

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CHECKED BY: CAK	DATE: 6-24-22
DRAWN BY: GRS	APPROVED BY: ESM
PAGE SIZE: 6-24-22	
PROJ. NO: ESM	
SITE PLAN	
DRAWING TITLE:	
VILLAGE OF FAYETTEVILLE, ONONDAGA COUNTY, NEW YORK	
129 W GENESEE STREET SPLASH CAR WASH	

REV: 00

DRAWING NO: C3



PROJECT: Proposed Splash Car Wash
LOCATION: 129 W. Genesee Street, Village of Fayetteville, NY
PEAK HOUR: PM Peak Hour

Figure Number: 1 2 3 4

LOCATION NUMBER	INTERSECTION DESCRIPTION	Proposed Project				Pass-by Trips	Total Site Trips
		Enter Dist. %	Exit Dist. %	Trips IN 21	Trips OUT 21		
1	W. Genesee Street Proposed Driveway						
	SR ST SL						
	WR WT WL						
	NR NT NL		40%		8	8	16
	ER ET EL					-7	-7
2	W. Genesee Street Limestone Plaza						
	SR ST SL	40%		8		-7 7	-7 15
	WR WT WL						
	NR NT NL		10% 30%		2 7	7	2 14
	ER ET EL	40%		9		7 -7	16 -7
2	Highbridge Street Proposed Driveway						
	SR ST SL	80%		17		-1 15	-1 32
	WR WT WL		40% 20%		9 4	9 1	18 5
	NR NT NL	20%		4		2 -2	6 -2
	ER ET EL						

PROJECT:
LOCATION:
PEAK HOUR:

Proposed Splash Car Wash
129 W. Genesee Street, Village of Fayetteville, NY
SAT Peak Hour

Figure Number:

1

2

3

4

LOCATION NUMBER	INTERSECTION DESCRIPTION	Proposed Project				Pass-by Trips	Total Site Trips
		Enter Dist. %	Exit Dist. %	Trips IN 45	Trips OUT 45		
1	W. Genesee Street Proposed Driveway						
	SR ST SL						
	WR WT WL						
	NR NT NL		35%		16	16	32
	ER ET EL					-16	-16
2	W. Genesee Street Limestone Plaza						
	SR ST SL	45%		20		-14 14	-14 34
	WR WT WL						
	NR NT NL		10% 35%		4 16	14	4 30
	ER ET EL	35%		16		16 -16	32 -16
2	Highbridge Street Proposed Driveway						
	SR ST SL	80%		36		-3 33	-3 69
	WR WT WL		45% 20%		20 9	18 3	38 12
	NR NT NL	20%		9		4 -4	13 -4
	ER ET EL						

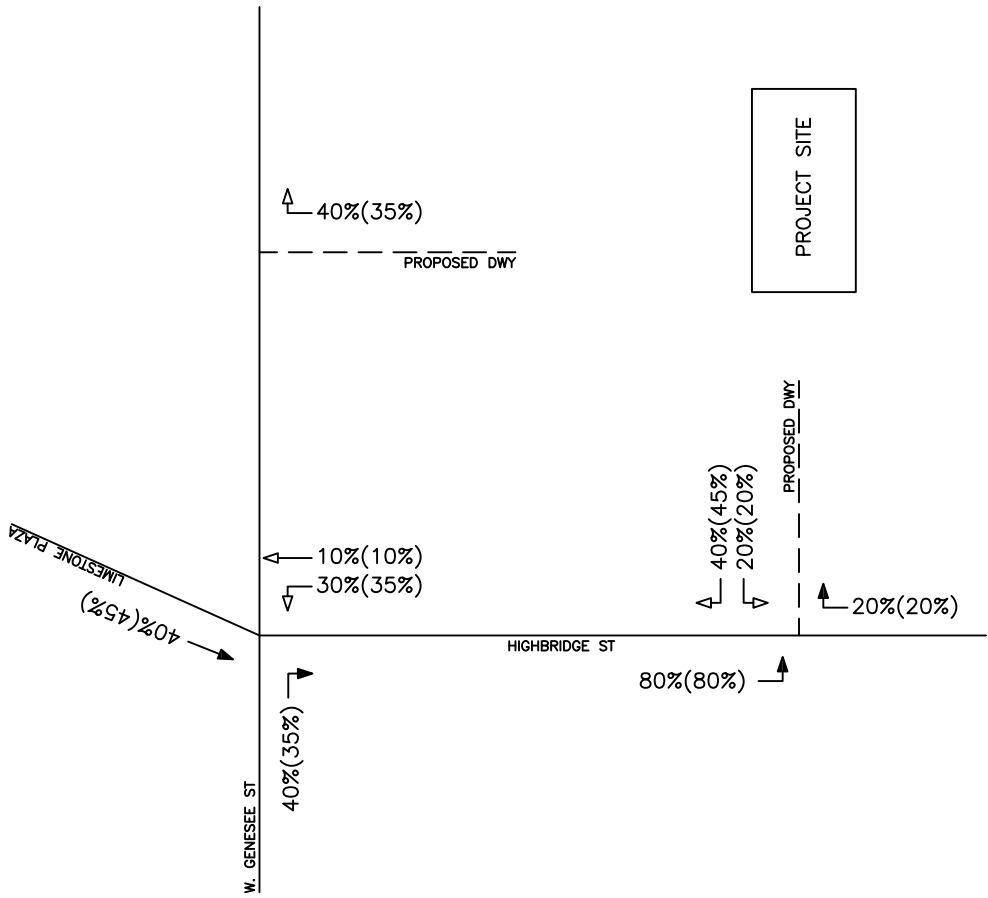


FIGURE 1

TRIP DISTRIBUTION

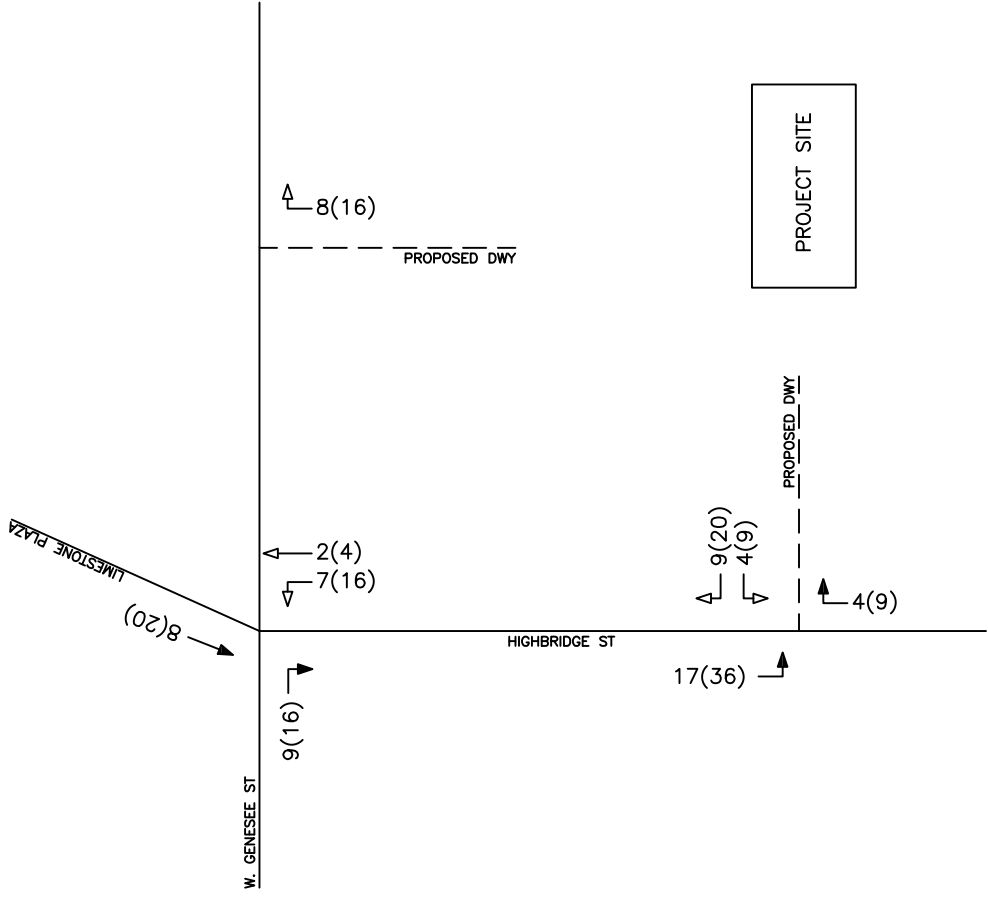
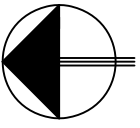


FIGURE 2

SITE GENERATED TRIPS
PRIMARY TRIPS

PROJECT NO: 42064

SRF ASSOCIATES
 Transportation Planning / Engineering / Design
www.srfa.net / (585) 272-4660


 N
 NOT TO SCALE

PROPOSED SPLASH CAR WASH

VILLAGE OF FAYETTEVILLE, NY

KEY

- 00(00) = PM(SAT)
- ENTERING TRIP
- EXITING TRIP
- PROPOSED DRIVEWAY

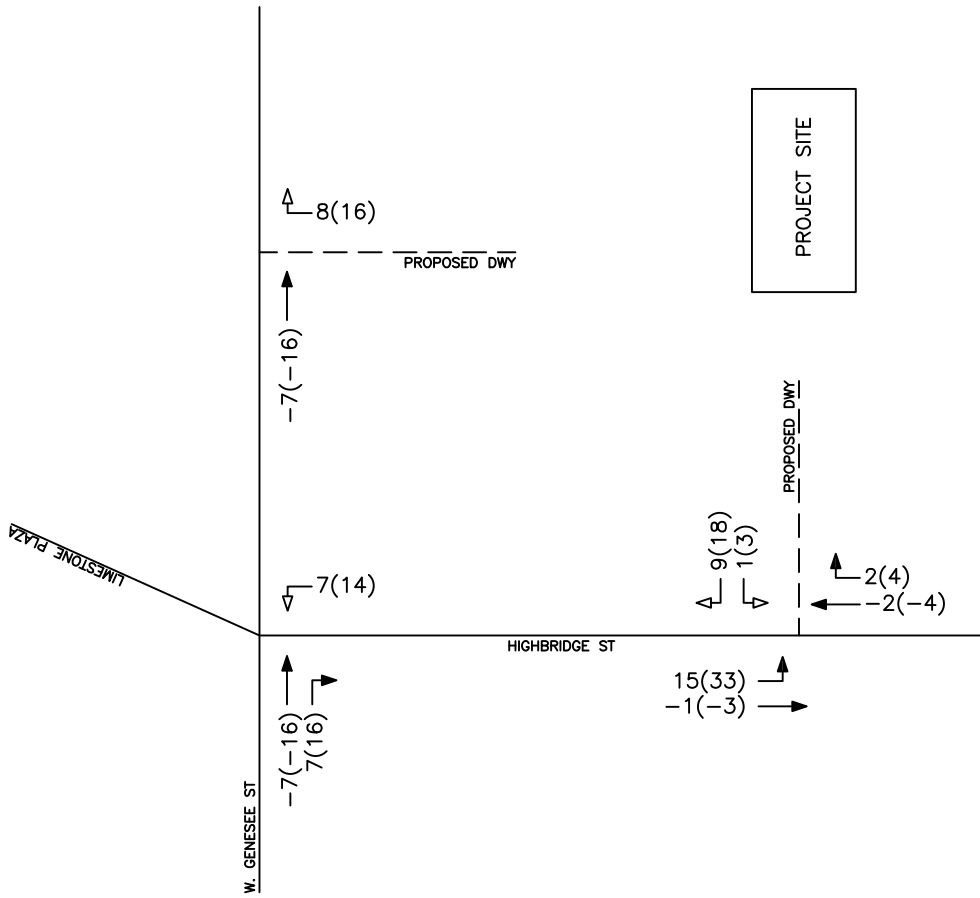


FIGURE 3
SITE GENERATED TRIPS
PASS-BY TRIPS

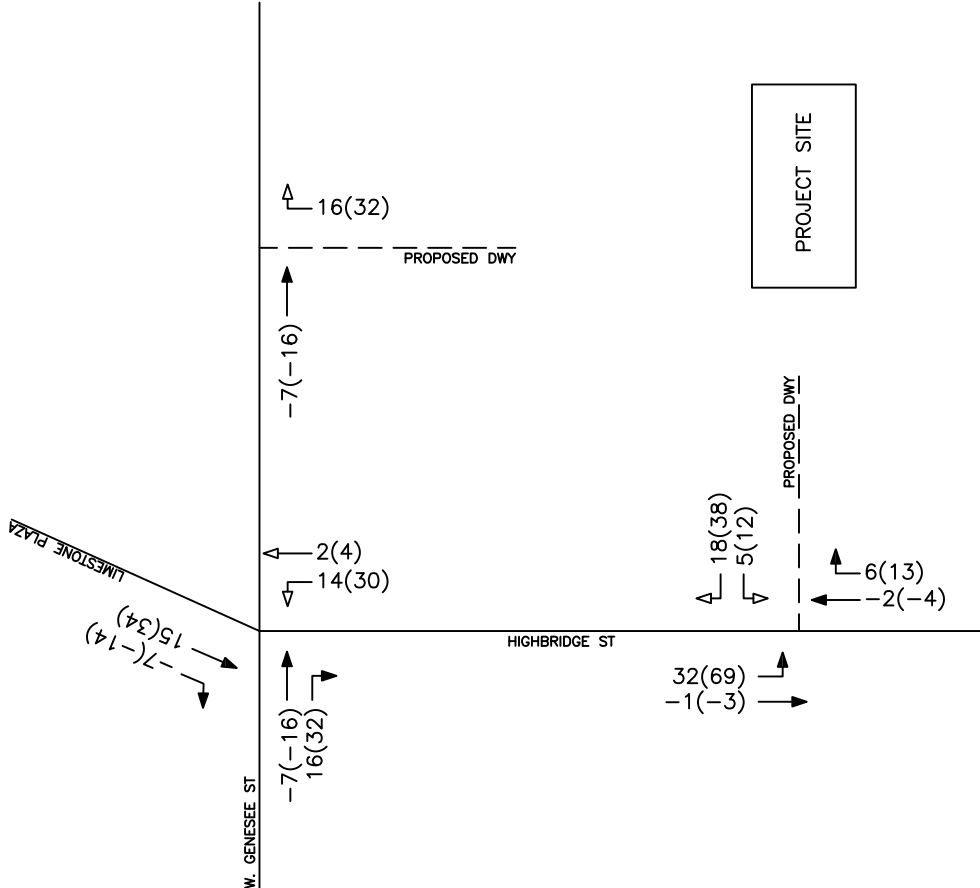
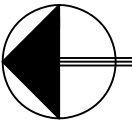


FIGURE 4
SITE GENERATED TRIPS
TOTAL SITE TRIPS

PROJECT NO: 42064

SRF ASSOCIATES
Transportation Planning / Engineering / Design
www.srfa.net / (585) 272-4660

 N
NOT TO SCALE

PROPOSED SPLASH CAR WASH

VILLAGE OF FAYETTEVILLE, NY

KEY

- 00(00) = PM(SAT)
- ENTERING TRIP
- EXITING TRIP
- PROPOSED DRIVEWAY

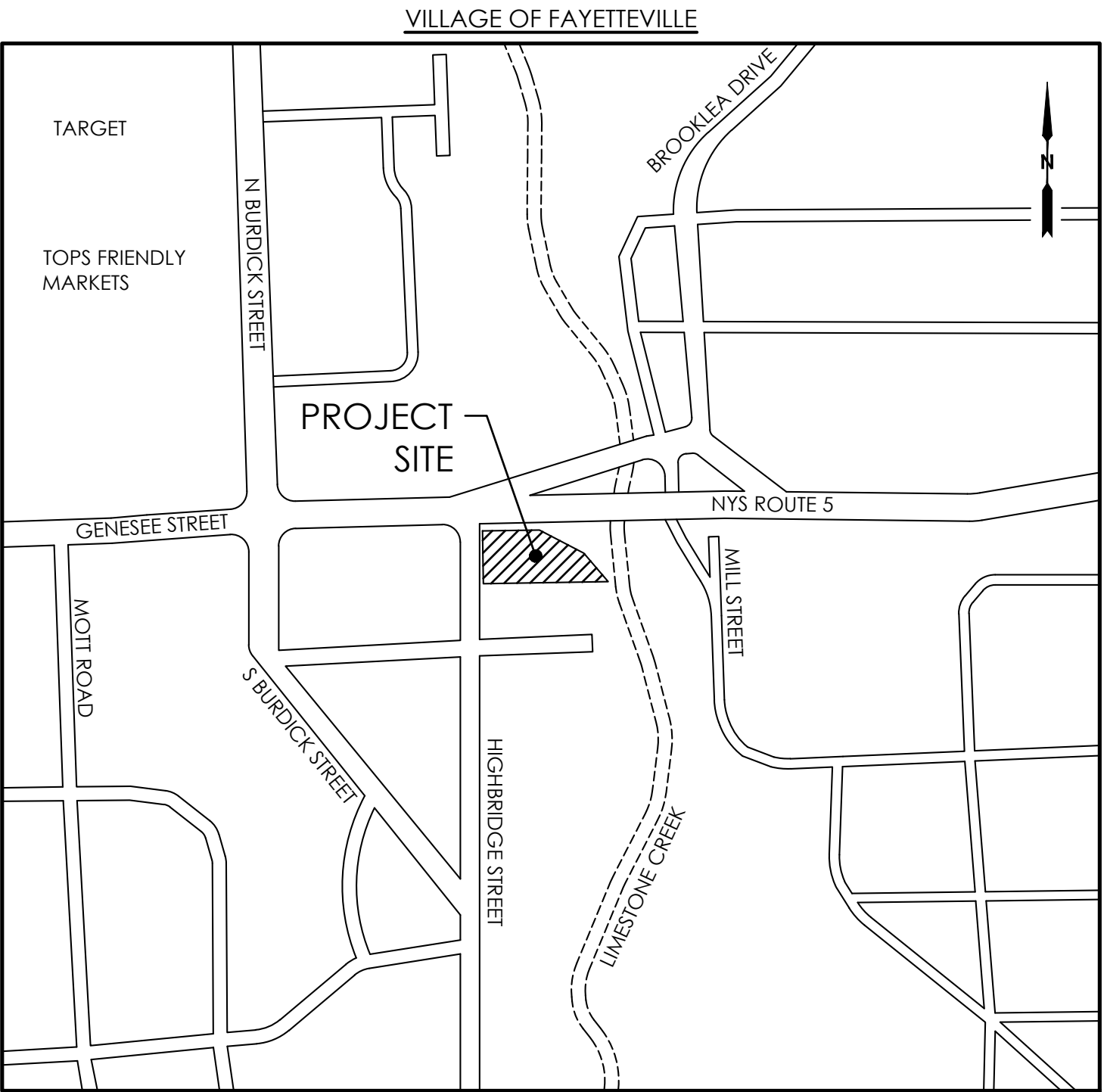
129 W GENESEE STREET SPLASH CAR WASH

SITE DEVELOPMENT

T.A.#018.-06-09.1, 018.-06-08.0,
018.-06-07.1, 018.06-07.2

VILLAGE OF FAYETTEVILLE
ONONDAGA COUNTY
STATE OF NEW YORK

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
C0	COVER SHEET
C1	NOTES & LEGEND
C2	EXISTING FEATURES MAP
C2A	EXISTING CONDITIONS PLAN & DEMO PLAN
C3	SITE PLAN
C4	UTILITY PLAN
C5	GRADING PLAN
C6	LIGHTING PLAN
C7	LANDSCAPE PLAN
C8	CONSTRUCTION DETAILS - 1
C9	CONSTRUCTION DETAILS - 2



LOCATION MAP
NOT TO SCALE

PREPARED FOR:



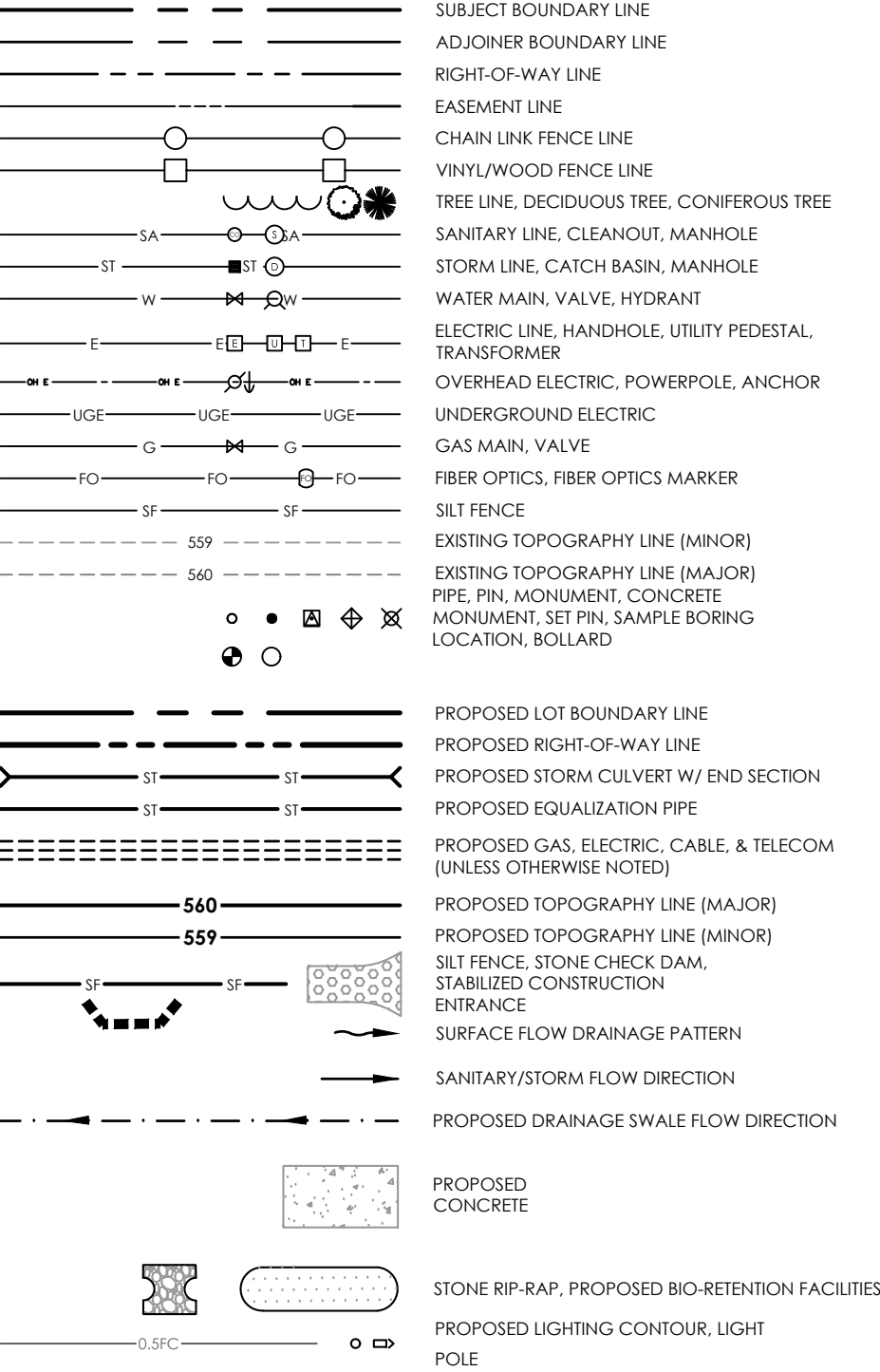
472 WHEELERS FARM RD
MILFORD, CT 06461

PREPARED BY:



45 HENDRIX ROAD
WEST HENRIETTA, NY 14586
PHONE (585) 359-7540
FAX (585) 359-7547

LEGEND



ABBREVIATIONS

EX.	EXISTING
N/F	NOW OR FORMALLY
TYP.	TYPICAL
W/	WITH
Ø	DIAMETER
T.A.	TAX ACCOUNT NUMBER
P.M.L.	UTILITY PAINT MARK LOCATION
EX.	PER RECORD MAPPING
LAT.	LATERAL
SWR.	SEWER
C.O.	CLEANOUT
CB	CATCH BASIN
M.H.	MANHOLE
F.F.	FINISHED FLOOR ELEVATION

SITE NOTES:

- PROJECT AREA IS LOCATED IN FLOOD ZONE X AND AE AS PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL No. 0244F DATED AUGUST 28, 2008.
- NO GOVERNMENT MONUMENTS ARE LOCATED WITHIN THE SCOPE OF THE DEVELOPMENT.
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREA OF THE SITE CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA PERTAINING TO THE MONUMENTS CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
- GENESEE ST SHALL BE KEPT CLEAN AND FREE OF DEBRIS DURING CONSTRUCTION.
- NATIVE AND EXISTING VEGETATION SHOULD BE RETAINED AND PROTECTED TO THE GREATEST EXTENT POSSIBLE AND INCORPORATED INTO THE LANDSCAPE PLAN.
- DEVELOPER IS TO OBTAIN ANY APPROPRIATE STATE, COUNTY AND TOWN PERMITS PRIOR TO CONNECTING TO ANY PUBLIC UTILITIES.
- UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. ALL UTILITIES SHALL BE FIELD STAKED BEFORE COMMENCING WORK. CONTRACTOR IS CAUTIONED TO NOTIFY CENTRAL STAKEOUT NUMBER 1-800-962-7962 OF RELOCATION OF UNDERGROUND UTILITY LOCATION PRIOR TO CONSTRUCTION.
- UPON COMPLETION OF THE PROJECT, THE DEVELOPER SHALL SUBMIT A LANDSCAPE CERTIFICATE OF COMPLIANCE TO THE BUILDING DEPARTMENT FROM THE LANDSCAPE ARCHITECT WHO IS CERTIFYING THAT ALL OF THE APPROVED PLANTINGS HAVE BEEN FURNISHED AND INSTALLED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED LANDSCAPING PLAN.

EROSION & SEDIMENT CONTROLS

- PROCEDURES OUTLINED IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL MUST BE FOLLOWED THROUGHOUT THE DURATION OF CONSTRUCTION OF THIS PROJECT. THROUGHOUT CONSTRUCTION, EMPHASIS WILL BE PLACED ON PREVENTING EROSION OF THE DISTURBED AND EXPOSED SOIL WITHIN THE SITE.
- VEGETATIVE MEASURES SUCH AS JUTE MESH, SEEDING AND MULCHING WILL BE UTILIZED TO HELP PREVENT ERODING OF THE SOIL. JUTE MESH SHALL BE USED ON ALL SLOPES OF 1V:3H AND STEEPER.
- BARE SOIL WILL BE SEEDED WITHIN 14 DAYS OF EXPOSURE UNLESS CONSTRUCTION WILL BEGIN WITHIN 21 DAYS. IF CONSTRUCTION IS SUSPENDED, OR SECTIONS COMPLETED, AREAS WILL BE SEEDED OR MULCHED IMMEDIATELY.
- TEMPORARY SEEDING WILL CONSIST OF RYEGRASS PLACED AT A RATE OF 30 LBS. PER ACRE OR 0.7 LBS. PER 1,000SF. THE AREA IS TO THEN BE MULCHED WITH HAY OR STRAW AT A RATE OF 2 TONS PER ACRE OR 90 LBS. PER 1,000SF.
- TOPSOIL SHALL BE PLACED AT A DEPTH OF 6" MINIMUM.
- PERMANENT SEEDING SHALL FOLLOW THE CHART LISTED BELOW. MULCH SHALL BE SMALL GRAIN STRAW APPLIED AT A RATE OF 2 TONS PER ACRE OR 90 LBS. PER 1,000SF.

GENERAL SEED MIX:

	VARIETY	LBS/ACRE	LBS/1,000SF
BIRDSFOOD TREFOIL* OR COMMON WHITE CLOVER*	EMPIRE/PARDEE COMMON	8 LBS 8 LBS	0.20 LBS 0.20 LBS

PLUS

TAIL FESCUE	KY-31/REBEL	20 LBS	0.45 LBS
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PLUS

REDTOP OR RYEGRASS (PERENNIAL)	COMMON PENNFINE/LINN	2 LBS 5 LBS	0.05 LBS 0.10 LBS
--------------------------------------	-------------------------	----------------	----------------------

*ADD INOCULANT IMMEDIATELY PRIOR TO SEEDING

- SEDIMENT CONTROL CONCERNS ARE ADDRESSED BY USE OF PERIMETER CONTROLS SUCH AS SILT FENCE AND STONE CHECK DAMS.
- THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WHICH IS PRONE TO BLOWING FROM THE WIND WILL BE COVERED WITH A TARPAULIN.

CONSTRUCTION SEQUENCE:

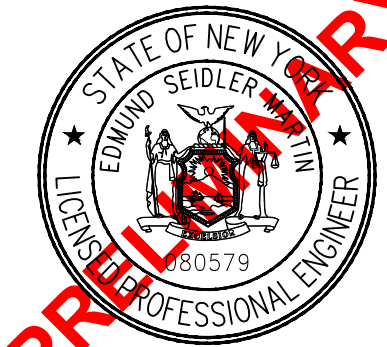
- EXPOSURE OF DISTURBED EARTH DURING THE MASS EARTHWORK PHASE WILL BE LESS THAN 5 ACRES. IT IS RECOMMENDED THAT THE CONTRACTOR FOLLOW THE FOLLOWING SEQUENCE OF CONSTRUCTION OPERATIONS.
- THE PROPOSED EROSION AND SEDIMENT PLAN WILL BE DISCUSSED WITH CONTRACTORS BEFORE BEGINNING ANY EARTH DISTURBING ACTIVITIES TO ENSURE THAT ALL CONTRACTORS ARE AWARE OF THE PROPER INSTALLATION OF THE E&SC MEASURES AND THE NEED FOR ANY MAINTENANCE, WHICH MAY BE REQUIRED AS THE PROJECT PROGRESSES. THIS WILL BE IMPORTANT IN PROTECTING THE ADJACENT PROPERTIES TREES DURING THE CONSTRUCTION PERIOD.
- CONTRACTOR TO INSTALL STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON PLAN PER DETAIL.
- CLEAR AND GRUB AS NECESSARY FOR SITE ACCESS AS SHOWN ON THE PLAN.
- INSTALL PERIMETER SEDIMENT CONTROLS (SLT FENCING) AT LOCATIONS SHOWN ON PLAN. IMMEDIATELY STABILIZE ANY AREAS DISTURBED BY THIS ACTIVITY. USE CARE TO AVOID DAMAGING TREES WHICH ARE TO REMAIN.
- PROTECT EXISTING TREES, VEGETATION, AND OTHER ENVIRONMENTAL FEATURES TO BE PRESERVED.
- CLEAR AND GRUB REMAINDER OF SITE AS SHOWN ON PLAN AND CONSTRUCT ONSITE DRAINAGE IMPROVEMENTS.
- INSTALL ALL REMAINING EROSION AND SEDIMENT CONTROLS ACCORDING TO THE PLAN.
- CONSTRUCT STAGING AREA(S) AS REQUIRED.
- THE OPERATOR AND OWNER/DEVELOPER SHALL COMPLETE AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- STRIP AND STOCKPILE TOPSOIL AS DIRECTED BY DEVELOPER, USING APPROPRIATE SILT FENCING AND/OR SEEDING TO STABILIZE STOCKPILES UPON COMPLETION OF THIS ACTIVITY. ALL SOIL STOCKPILES SHALL HAVE PERIMETER SILT FENCE INSTALLED A MIN. OF 15' FROM TOE OF SLOPE.
- WITHIN 14 DAYS OF EXPOSURE, STABILIZE ALL DISTURBED AREAS, WHICH WILL REMAIN INACTIVE FOR 21 DAYS OR MORE.
- INSTALL STORMWATER MANAGEMENT FACILITIES AS REQUIRED AND ACCORDING TO THE PLAN.
- INSTALL DRAINAGE SWALES AND DRIVEWAY STONE BASE.
- PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE SITE UTILITY AND GRADING PLAN.
- COMPLETE FINAL SITE GRADING, REAPPLY TOPSOIL (MINIMUM 6" THICKNESS), INSTALL PERMANENT SEEDING, FERTILIZER, AND MULCH.
- UPON PERMANENT STABILIZATION OF INDIVIDUAL PORTIONS OF THE SITE, REMOVE INDIVIDUAL TEMPORARY SEDIMENTATION CONTROL MEASURES AS APPROPRIATE. SEDIMENT CONTROL MEASURES NOT TO BE REMOVED UNTIL APPROVAL HAS BEEN OBTAINED FROM THE VILLAGE OF FAYETTEVILLE CODE ENFORCEMENT OFFICER OR THE TOWN ENGINEER.



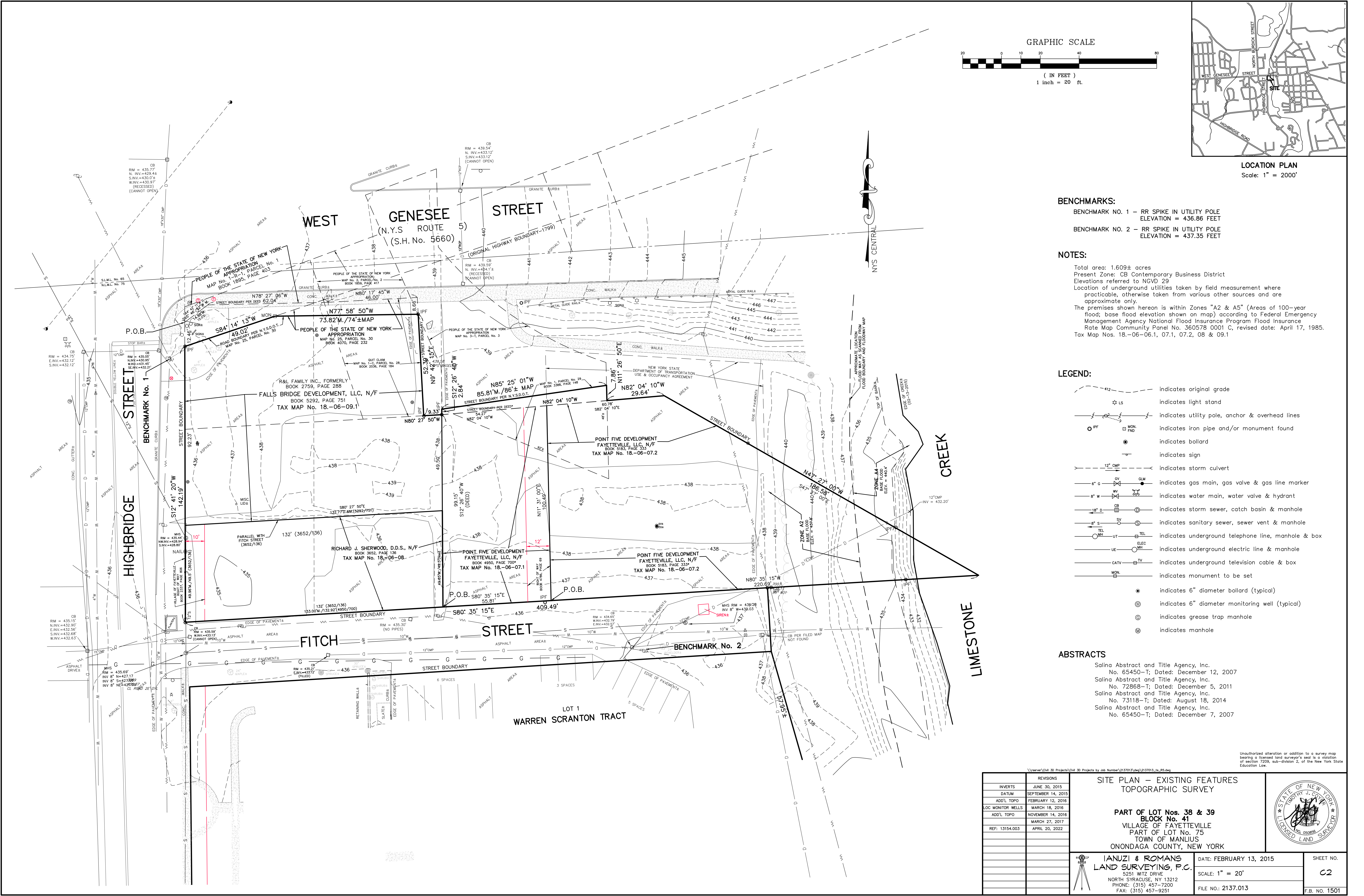
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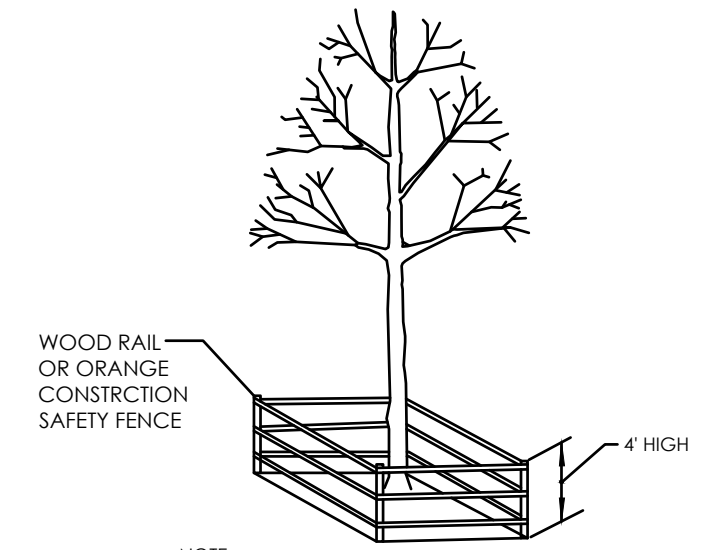
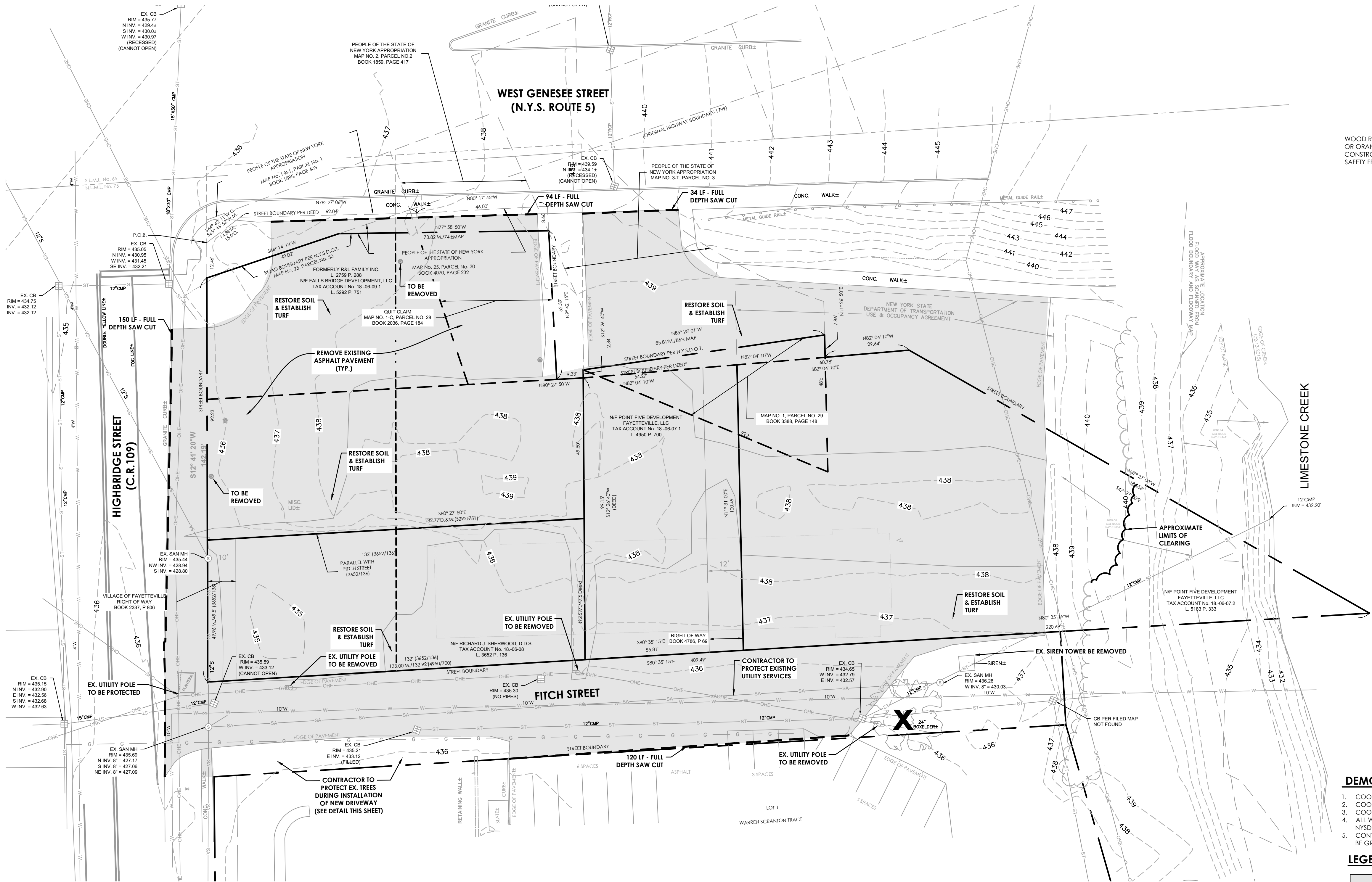


SPLASH CAR WASH, INC
472 WHEELERS FARM RD
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(585) 303 - 9448



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129 W GENESEE STREET SPLASH CAR WASH VILLAGE OF FAYETTEVILLE, ONONDAGA COUNTY, NEW YORK		
DRAWING TITLE: NOTES AND LEGEND		
DRAWN BY: CHECKED BY:	GRS CAK	APPROVED BY: DATE:
72220023	ESM 6-24-22	PROJ. NO: PAGE SIZE:
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REV: 01	DRAWING NO: C1	





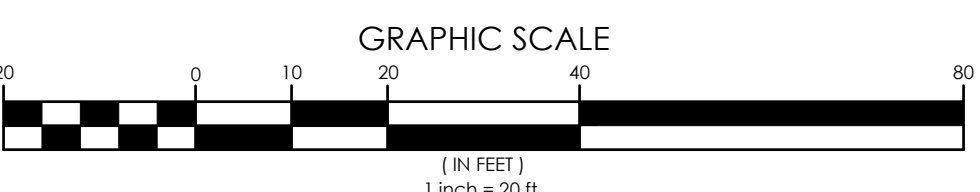
- NOTE:
1. ALL TREES WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN, ARE TO RECEIVE THIS TREATMENT.
 2. DO NOT LEAVE CONSTRUCTION EQUIPMENT RUNNING (IDLING) UNDER TREE CANOPY.
 3. MATERIALS & EQUIPMENT STORAGE IS NOT ALLOWED IN FENCED AREAS.
 4. EXISTING PLANTS TO REMAIN, OR DIRECTLY ADJACENT TO, THE WORK AREA SHALL BE PROTECTED DURING CONSTRUCTION. ANY PLANTS INDICATED TO REMAIN THAT ARE DAMAGED TO CONSTRUCTION OPERATIONS ARE TO BE REPLACED IN KIND.

TREE DIAMETER (DBH)	DISTANCE OF FENCING FROM FACE OF TREE TRUNK
LESS THAN 10"	6'
10"-14"	10'
15"-19"	12'
20" OR MORE	15'

FENCING SHOULD BE PLACED AT TREE DRIP LINE OR DISTANCE GREATER

TREE PROTECTION ZONE FENCING

N.T.S.



DEMOLITION NOTES:

1. COORDINATE ALL WATERLINE REMOVALS WITH OCWA
2. COORDINATE ALL SEWER REMOVALS WITH OCWER
3. COORDINATE ALL POWER REMOVALS WITH NATIONAL GRID
4. ALL WORK WITHIN THE RIGHT OF WAY REQUIRES A PERMIT FROM NYSDOT AND OCDO
5. CONTRACTOR TO RESTORE SOIL AND ESTABLISH TURF IN ALL AREAS TO BE GRASS LAWN / LANDSCAPED. SEE SITE PLAN.

LEGEND

- REMOVE ASPHALT PAVEMENT
- PROPOSED FULL DEPTH SAWCUT
- CLEAR AND GRUB EXISTING TREE

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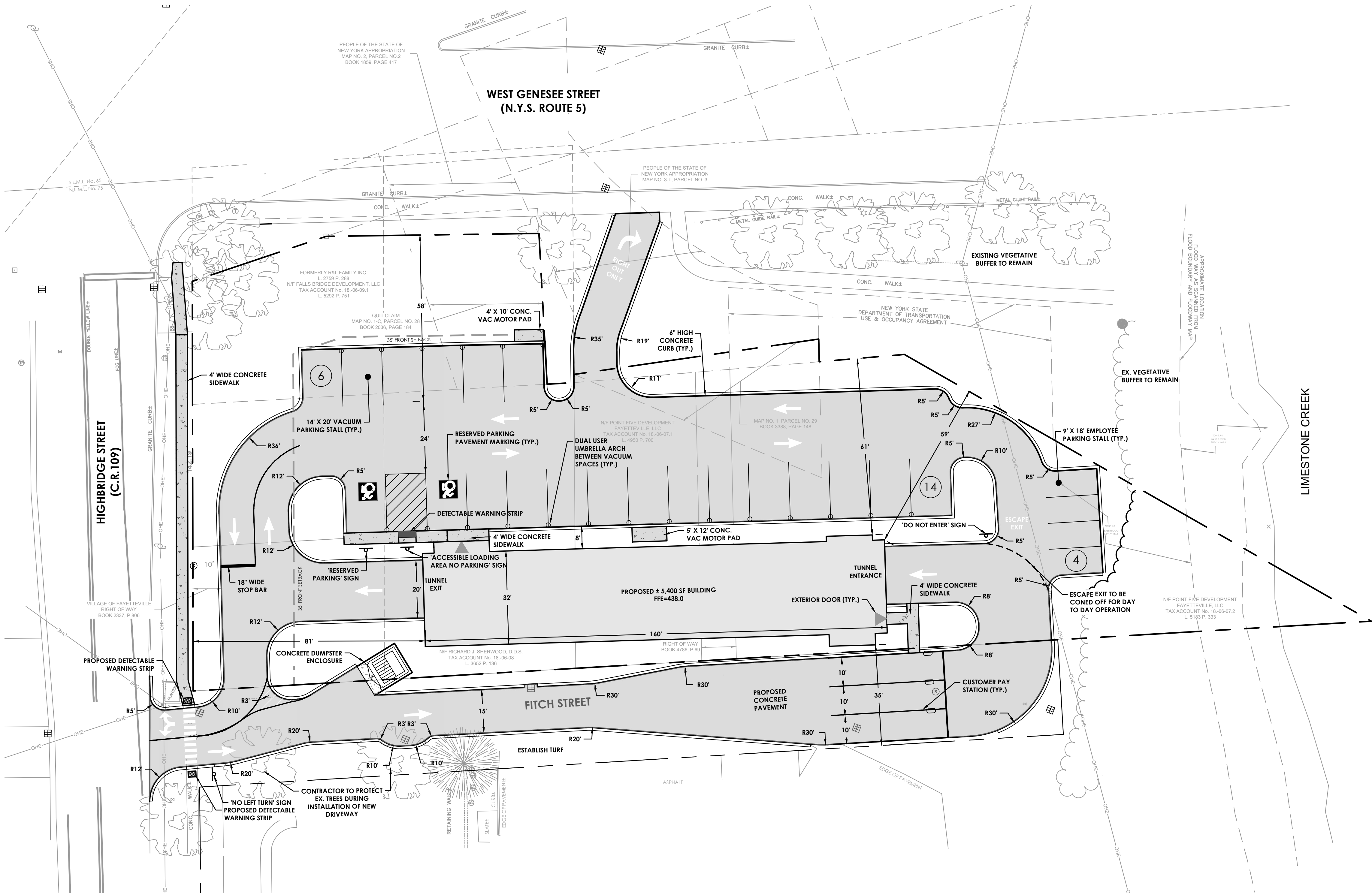


REV	DESCRIPTION	DATE
01	REVISED PER VILLAGE FB, NYSDOT, & TOWN ENGINEER COMMENTS	8-29-22

129 W GENESEE STREET
SPLASH CAR WASH
VILLAGE OF FAYETTEVILLE, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE:
EXISTING CONDITIONS AND DEMOLITION PLAN

DRAWN BY: ESM PROJ. NO: 72220023
CHECKED BY: GRS APPROVED BY: CAK DATE: 6-24-22 PAGE SIZE: ANSI D



SITE DATA:

OWNER: SPLASH CAR WASH
PROJECT LOCATION: 129 W GENESEE ST, FAYETTEVILLE, NY 13066
ACCOUNT #: 018.0-06-9.001
TOTAL AREA: 1.14 ACRES ±
ZONING: CONTEMPORARY BUSINESS (CB)

PARKING REQUIREMENTS:

ZONING: CONTEMPORARY BUSINESS (CB)	CODE	PROPOSED
MIN. PARKING SPACE SIZE	9'X18'	9'X18', 14'X20'
SPACES:		4 EMPLOYEE 20 VACUUM 24 TOTAL

ZONING REQUIREMENTS

ZONING: CONTEMPORARY BUSINESS (CB)	REQUIRED	PROPOSED
FRONT SETBACK	35'	61'
SIDE SETBACK	10'	35'
REAR SETBACK	35'	59'
MAX. BUILDING HEIGHT	35'	32'
MAX LOT COVERAGE (BUILDING)	35%	11%

AREA TABLE

APPROXIMATE AREA OF DISTURBANCE	1.17 AC
EXISTING IMPERVIOUS SURFACE	1.11 AC
PROPOSED IMPERVIOUS SURFACE	0.75 AC
PERCENT REDUCTION	32%
PERCENT GREENSPACE	34%

NOTES:

- CONCRETE CURB TO BE USED THROUGHOUT SITE.
- PARCELS TO BE COMBINED INTO SINGLE LOT THROUGH SUBDIVISION APPLICATION.
- FITCH STREET TO BE GRANTED TO APPLICANT BY VILLAGE OF FAYETTEVILLE BOARD OF TRUSTEES.
- NO OUTSIDE PRE-WASH OR VEHICLE RINSING WILL OCCUR. ALL PRE-WASH WILL BE COMPLETED INSIDE THE BUILDING.

VILLAGE OF FAYETTEVILLE APPROVALS

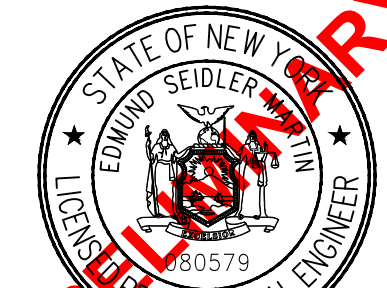
PLANNING BOARD CHAIRMAN	DATE
DIRECTOR OF BUILDING & FIRE PREVENTION	DATE
FIRE MARSHAL	DATE
DIRECTOR OF ENGINEERING & PLANNING	DATE



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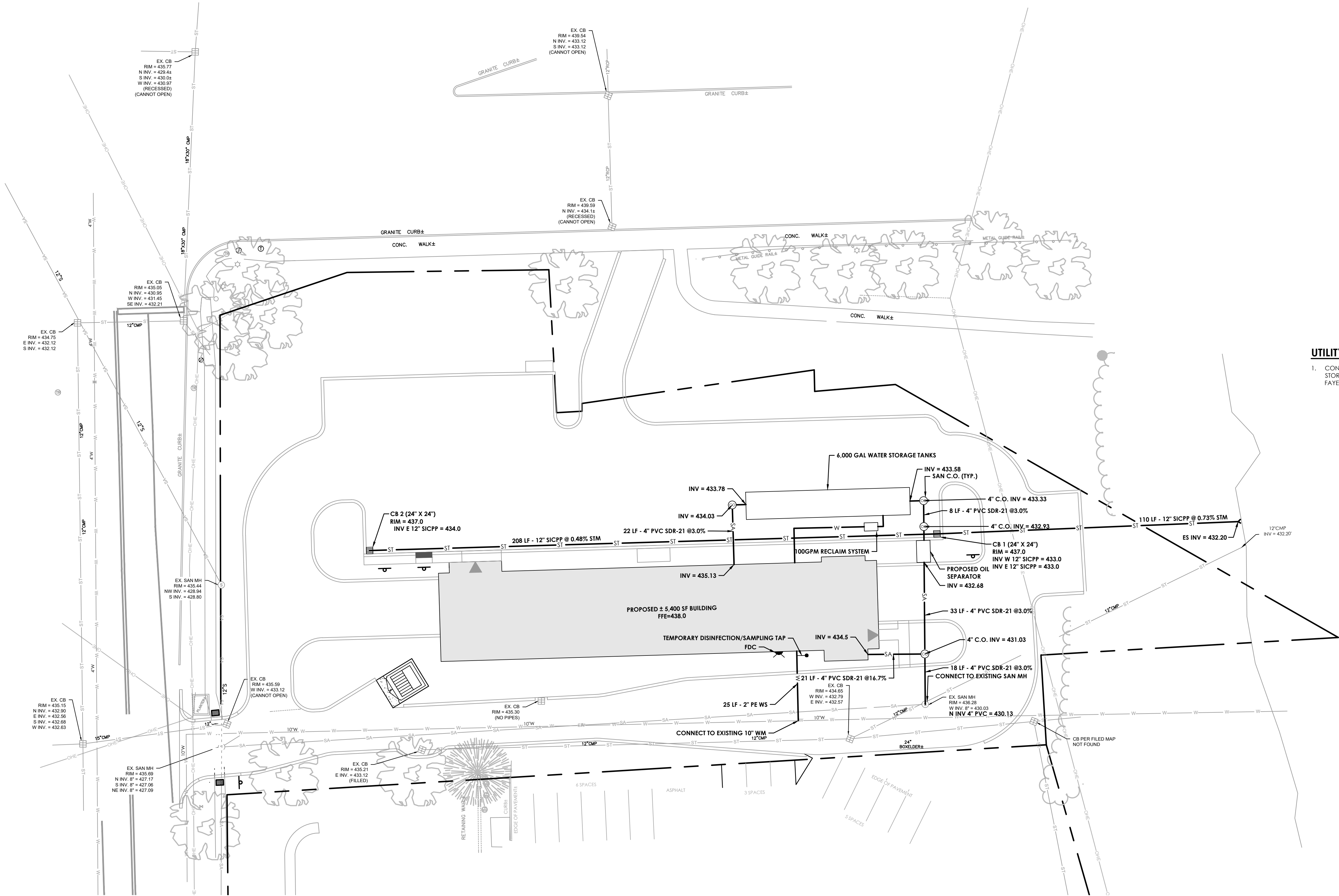
PRELIMINARY

REV	DESCRIPTION	DATE
01	REVISED PER VILLAGE PB, NYSDOT, & TOWN ENGINEER COMMENTS	8-29-22

129 W GENESEE STREET SPLASH CAR WASH	VILLAGE OF FAYETTEVILLE, ONONDAGA COUNTY, NEW YORK	DRAWING TITLE:
72220023	ESM PROJ. NO:	72220023
6-24-22	DATE:	6-24-22
ANSI D	PAGE SIZE:	ANSI D

REV: 01	DRAWING NO: C3
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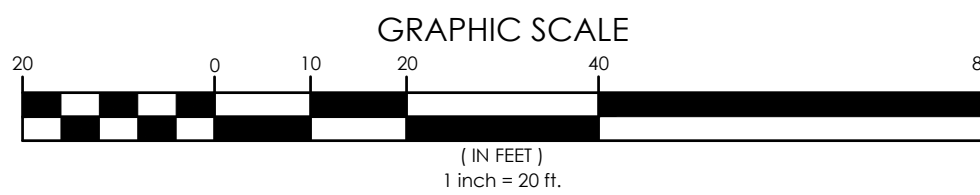


UTILITY NOTE:

1. CONTRACTOR TO ACCESS/ASSESS THE CONDITION OF THE EXISTING STORM SEWER. REPLACEMENT MAY BE REQUIRED IF THE VILLAGE OF FAYETTEVILLE INSPECTOR DEEMS IT NECESSARY.

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129 W GENESEE STREET
SPLASH CAR WASH
VILLAGE OF FAYETTEVILLE, ONONDAGA COUNTY, NEW YORK

DRAWING TITLE: **UTILITY PLAN**

DRAWN BY:	GRS	APPROVED BY:	ESM	PROJ. NO.:	72220023
CHECKED BY:	CAK	DATE:	6-24-22	PAGE SIZE:	ANSI D

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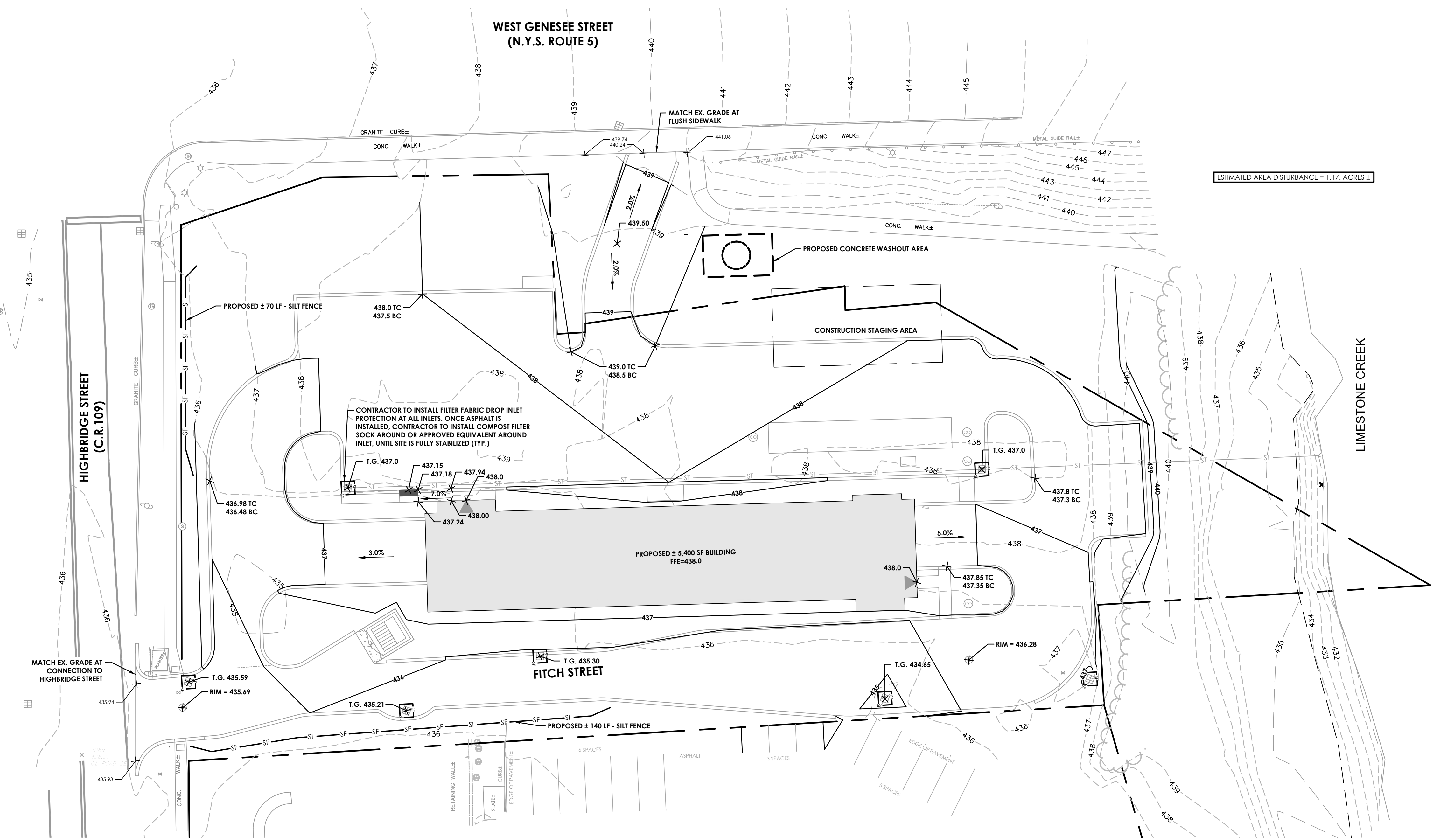
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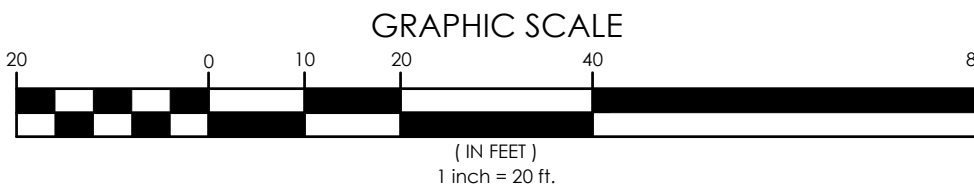
129 W GENESEE STREET		GRADING PLAN	
SPLASH CAR WASH		VILLAGE OF FAVETTEVILLE, ONONDAGA COUNTY, NEW YORK	
DRAWN BY:	GRS	APPROVED BY:	ESM
CHECKED BY:	CAK	DATE:	6-24-22
PROJECT NO:		PAGE SIZE:	
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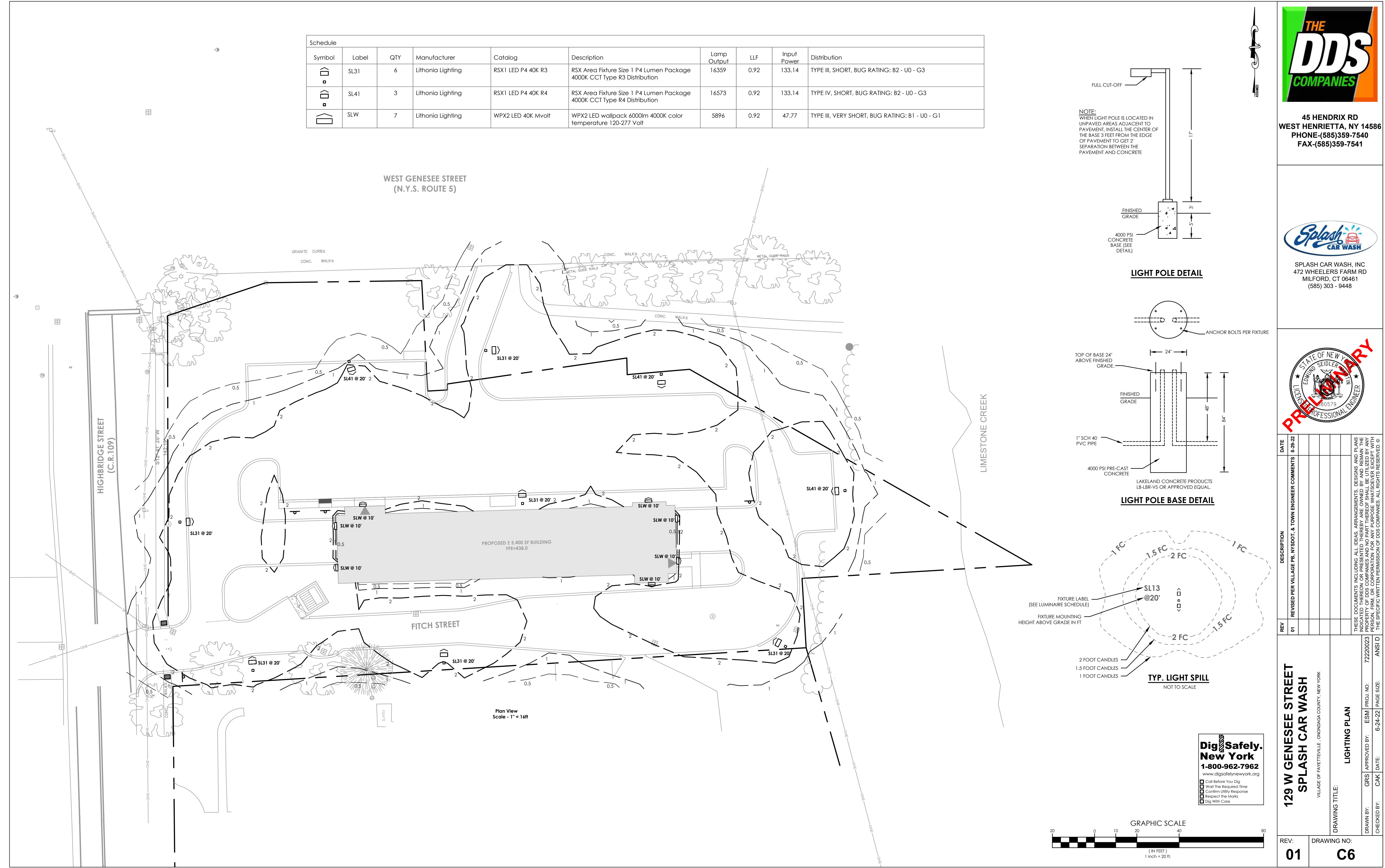
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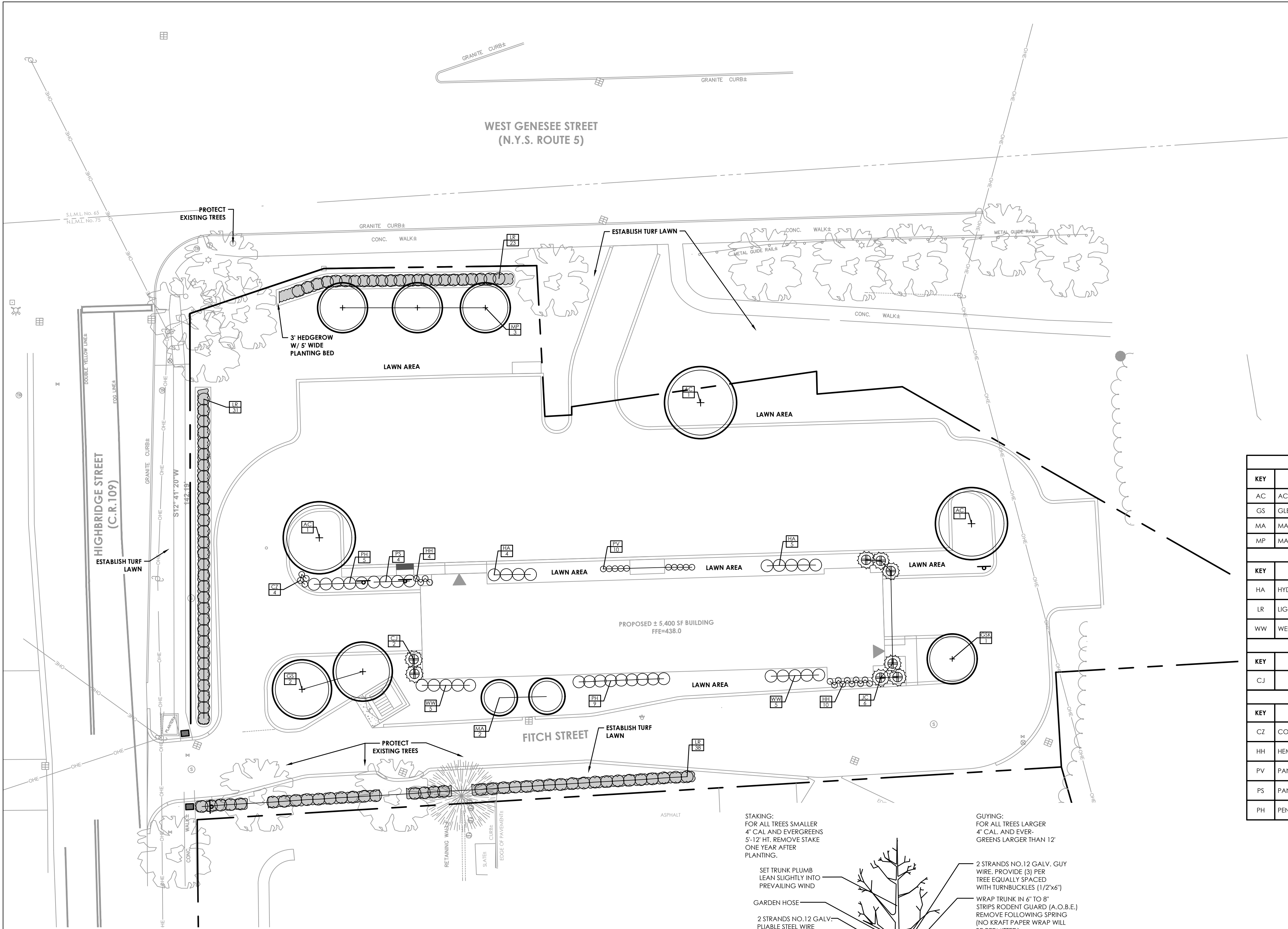


ESTIMATED AREA DISTURBANCE = 1.17 ACRES ±

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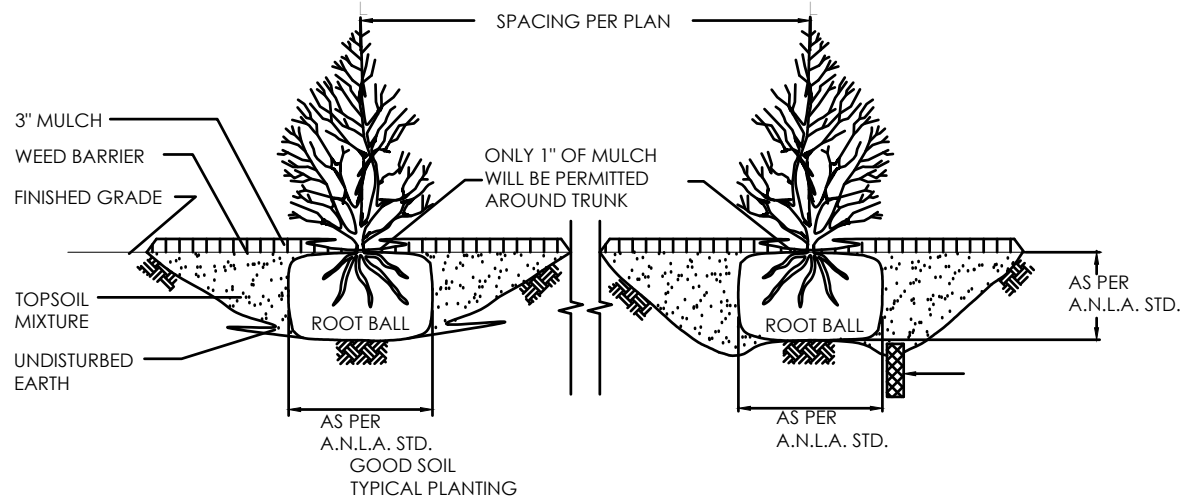


PLANTING NOTES

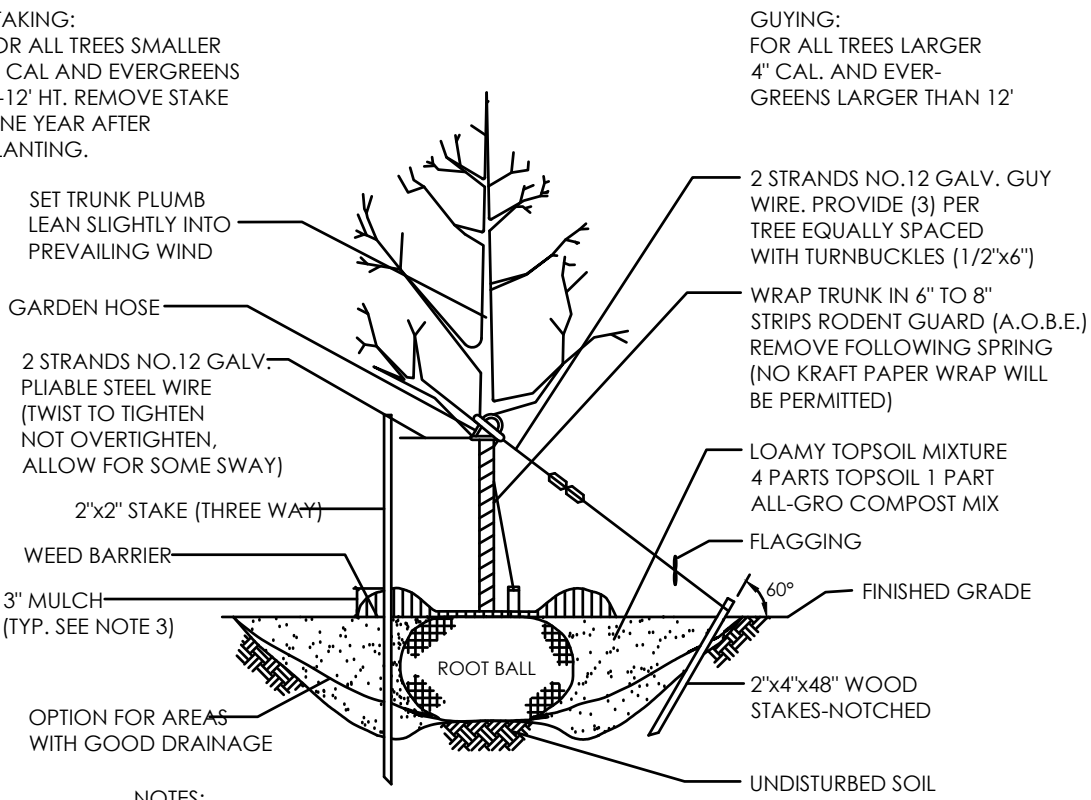
- MULCH AROUND INDIVIDUAL PLANTS ONLY. SHREDDED HARDWOOD MULCH IS THE ONLY ACCEPTED MULCH. PINE MULCH AND WOOD CHIPS WILL FLOAT AND MOVE TO THE PERIMETER OF THE PRETREATMENT AREA DURING A STORM EVENT AND ARE NOT ACCEPTABLE. SHREDDED MULCH MUST BE WELL AGED (6 TO 12 MONTHS) FOR ACCEPTANCE.
- THE PLANT ROOT BALL SHOULD BE PLANTED SO 1/8TH OF THE BALL IS ABOVE FINAL GRADE SURFACE.
- ROOT STOCK OF THE PLANT MATERIAL SHALL BE KEPT MOIST DURING TRANSPORT AND ON-SITE STORAGE. THE DIAMETER OF THE PLANTING PIT SHALL BE AT LEAST SIX INCHES LARGER THAN THE DIAMETER OF THE PLANTING BALL. SET AND MAINTAIN THE PLANT STRAIGHT DURING THE ENTIRE PLANTING PROCESS. THOROUGHLY WATER GROUND BED COVER AFTER INSTALLATION.
- TREES SHALL BE BRACED USING 2" X 2" STAKES ONLY AS NECESSARY AND FOR THE FIRST GROWING SEASON ONLY. STAKES ARE TO BE EQUALLY SPACED ON THE OUTSIDE OF THE TREE BALL.
- GRASSES AND LEGUME SEED SHALL BE TILLED INTO THE SOIL TO A DEPTH OF AT LEAST ONE INCH. GRASS AND LEGUME PLUGS SHALL BE PLANTED FOLLOWING THE NON-GRASS GROUND COVER PLANTING SPECIFICATIONS.
- ALL DISTURBED UNSURFACED AREAS SHALL RECEIVE MIN. SIX INCHES OF TOPSOIL, SEED AND MULCH AND SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- NO IRRIGATION SYSTEM TO BE INSTALLED. CONTRACTOR SHALL PROVIDE HARDY TREES SUITABLE FOR USE IN THE SOIL AND CLIMATE CONDITIONS OF THE PROJECT, AND PROVIDE THE OWNER WITH A BONDED WRITTEN ONE-YEAR MAINTENANCE/WARRANTY AGREEMENT PER THE SPECIFICATIONS.

PLANT LIST

DECIDUOUS TREES						
KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	ROOT	REMARKS
AC	ACER X FREEMANII 'Celebration'	CELEBRATION MAPLE	3	2 1/2 - 3" CAL.	B&B	-
GS	GLIEDITSIA TRIA, INER, 'STREET KEEPER'	STREET KEEPER HONEY LOCUST	3	2 1/2 - 3" CAL.	B&B	-
MA	MALLUS 'ADIRONDACK'	ADIRONDACK CRABAPPLE	2	-	-	-
MP	MALLUS 'PRAIRIE FIRE'	PRAIRIE FIRE CRABAPPLE	3	2" CAL.	B&B	-
DECIDUOUS SHRUBS						
KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	ROOT	REMARKS
HA	HYDRANGEA ARBO. 'ANNABELLE'	ANNABELLE HYDRANGEA	9	24 - 30" HT.	#5 CONT.	-
LR	LIGUSTRUM OBT. REGELIANUM	REGAL PRIVET	92	30" HT.	B&B	4' O.C.
WW	WEIGELA FLOR. 'WINE AND ROSES'	WINE AND ROSES WEIGELA	10	30" HT.	#5 CONT.	4' O.C.
EVERGREEN SHRUBS						
KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	ROOT	REMARKS
CJ			8	18" SPR.	#3 CONT.	5' O.C.
GRASS AND PERENNIALS						
KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	ROOT	REMARKS
CZ	COREOPSIS VERT. 'ZAGREB'	ZAGREB COREOPSIS	4	#2 CONT.	CLUMP	-
HH	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	14	#2 CONT.	CLUMP	-
PV	PANICUM VIRG. 'HEAVY METAL'	HEAVY METAL SWITCH GRASS	10	#2 CONT.	CLUMP	-
PS	PANICUM VIRG. 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	4	#3 CONT.	CLUMP	-
PH	PENNISETUM ALOP. 'HAMELN'	HAMELN FOUNTAIN GRASS	14	#2 CONT.	-	-

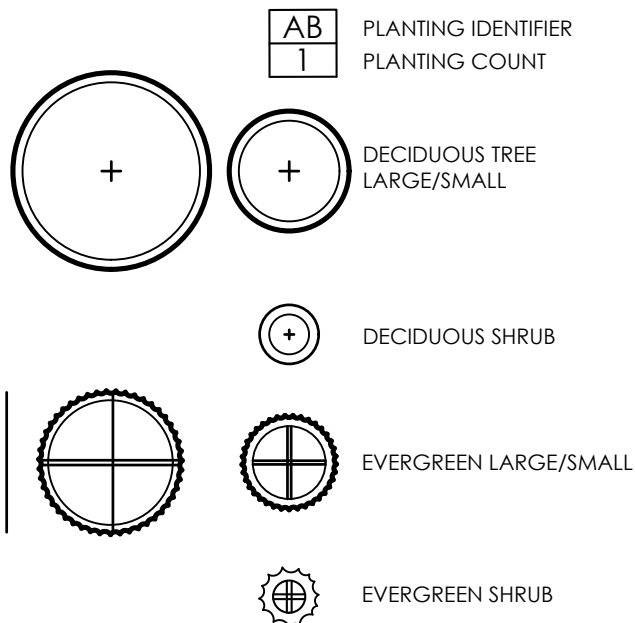


SHRUB PLANTING DETAIL
N.T.S.



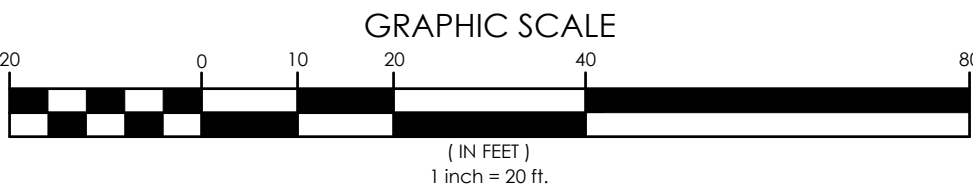
TREE PLANTING DETAIL
N.T.S.

PLANTING LEGEND



VILLAGE OF FAYETTEVILLE APPROVALS

PLANNING BOARD CHAIRMAN	DATE
DIRECTOR OF BUILDING & FIRE PREVENTION	DATE
FIRE MARSHAL	DATE
DIRECTOR OF ENGINEERING & PLANNING	DATE



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01		

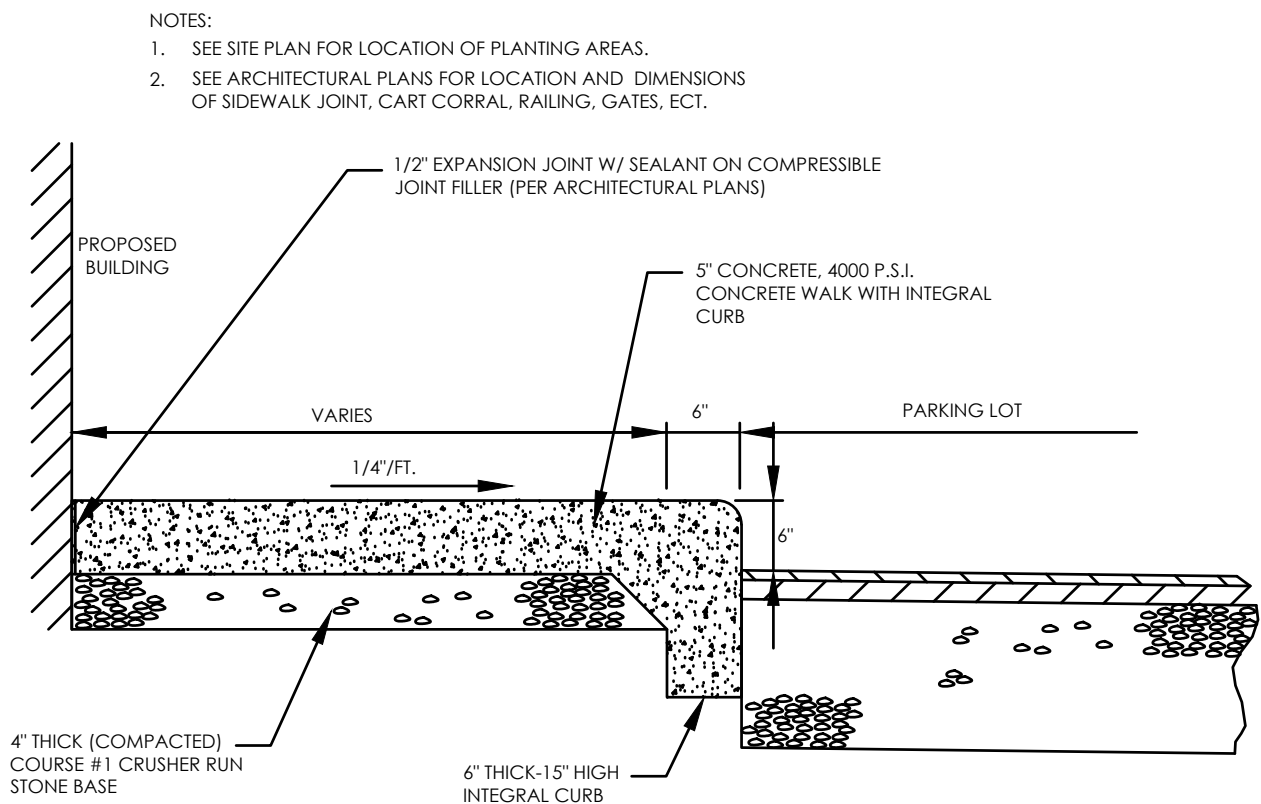
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129 W GENESEE STREET
SPLASH CAR WASH
VILLAGE OF FAYETTEVILLE, ONONDAGA COUNTY, NEW YORK

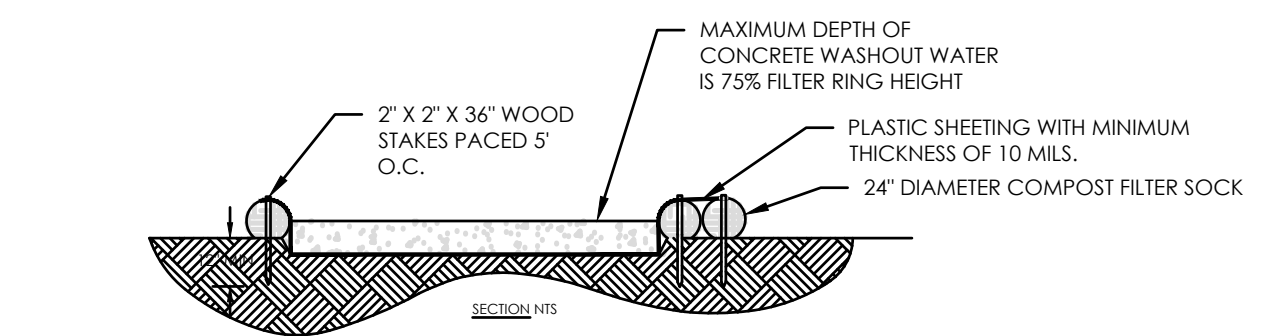
LANDSCAPE PLAN

DRAWING TITLE:

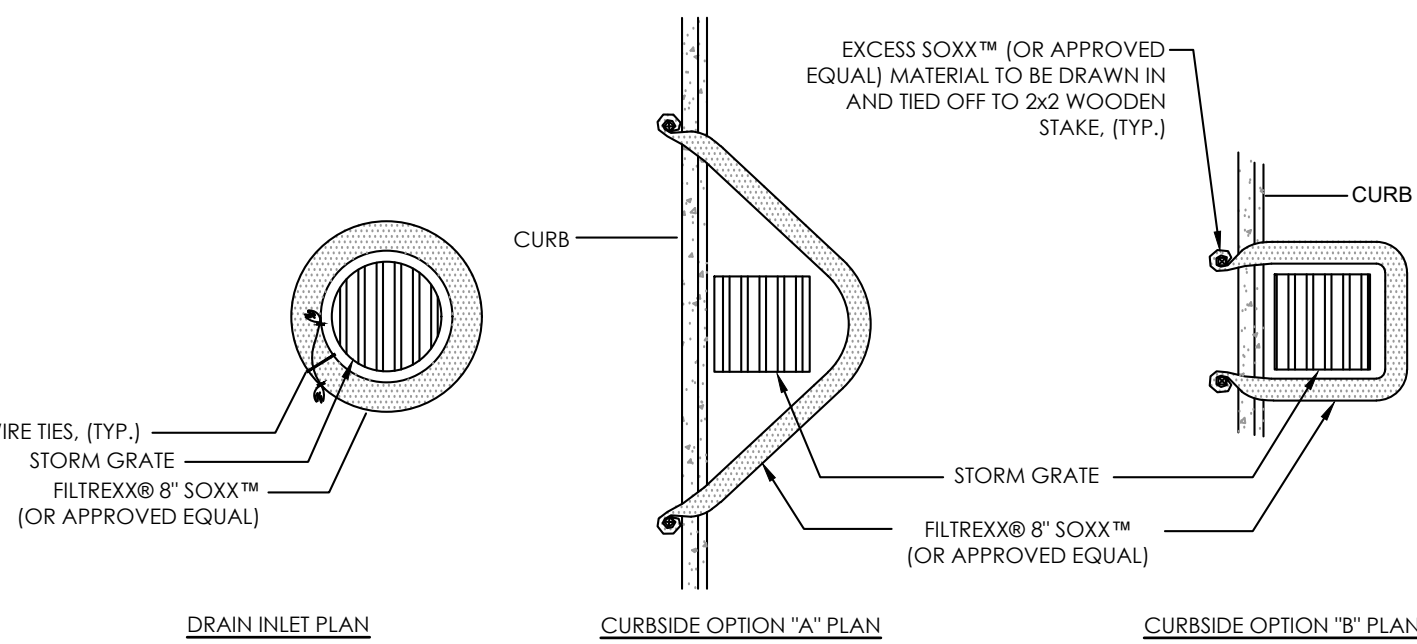
REV: 01
DRAWING NO: C7



SIDEWALK INTEGRAL CURB WITH DETAIL
NOT TO SCALE



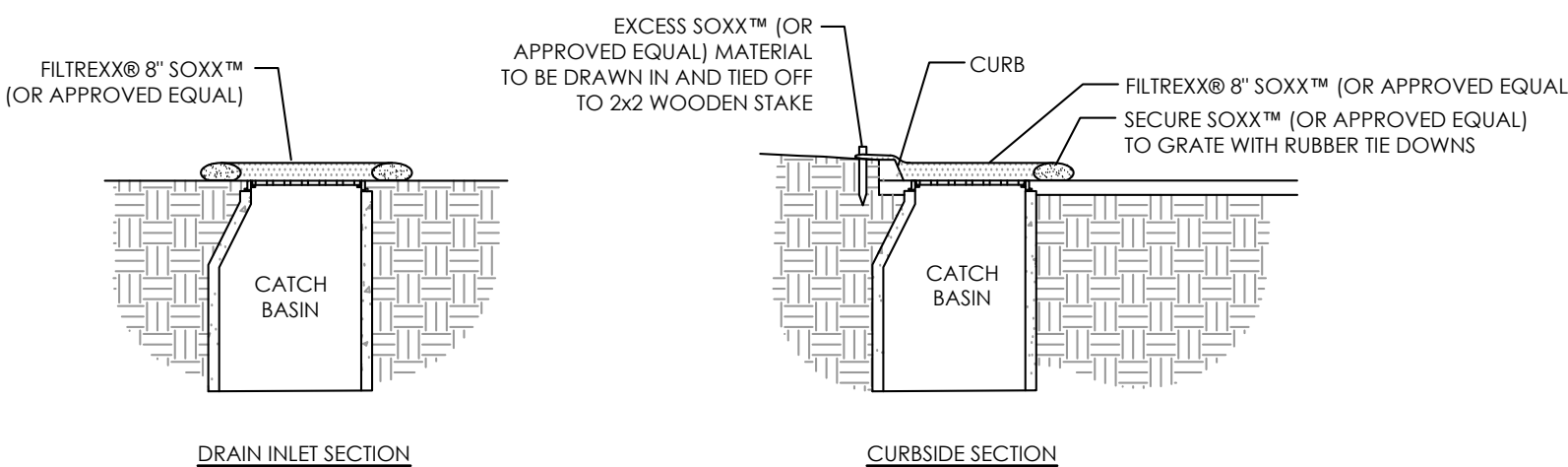
CONCRETE WASHOUT DETAIL
NOT TO SCALE



DRAIN INLET PLAN

CURBSIDE OPTION "A" PLAN

CURBSIDE OPTION "B" PLAN

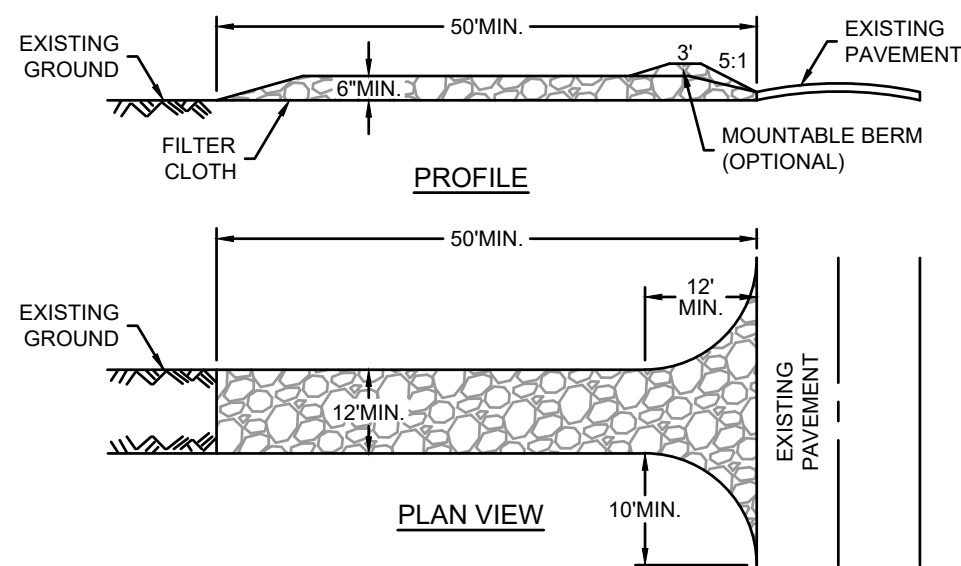


DRAIN INLET SECTION

CURBSIDE SECTION

- NOTES:
- ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS (OR APPROVED EQUAL).
 - FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS (OR APPROVED EQUAL).
 - DETAIL OBTAINED FROM FILTREXX®

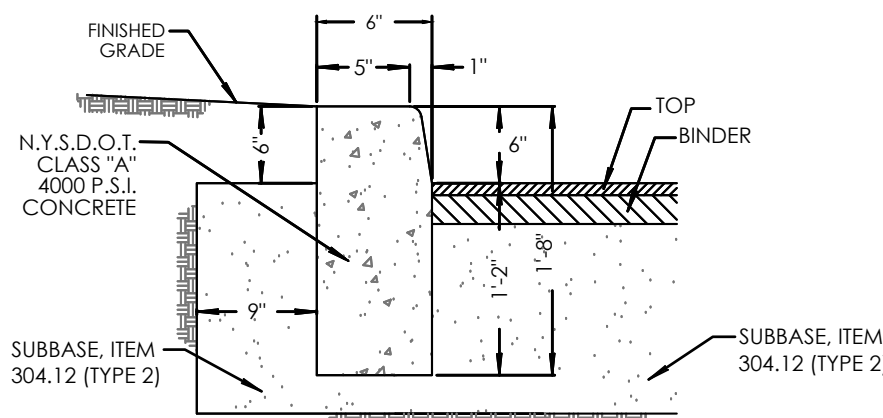
INLET PROTECTION
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- 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 TRACTED 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.

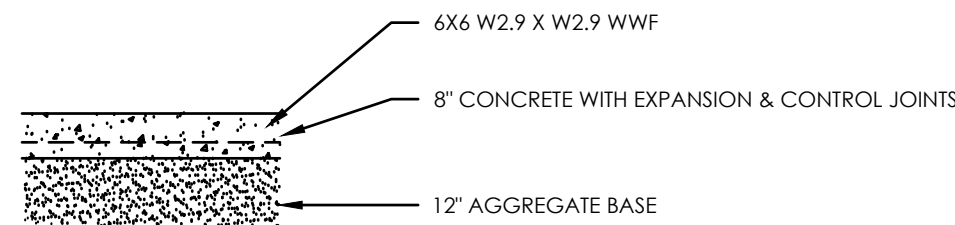
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



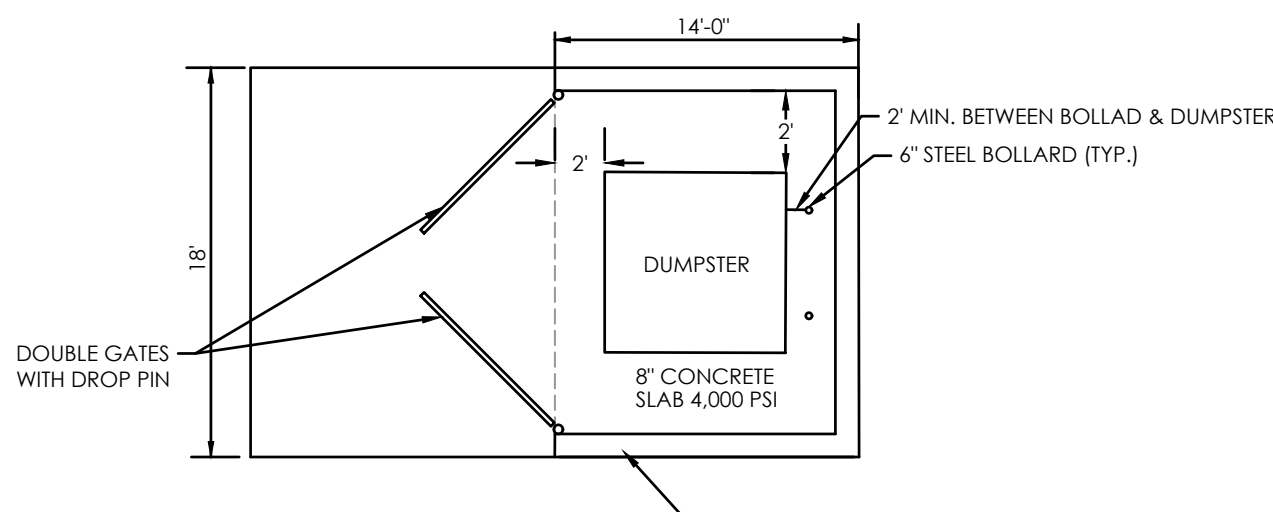
NOTES:

- CONTRACTION JOINTS TO BE AT 10 FOOT INTERVALS AND SHALL BE FORMED OR SAW CUT TO A DEPTH OF 1/2 INCH BELOW THE SURFACE OF THE CURB.
- EXPANSION JOINTS TO BE AT 100 FOOT INTERVALS AND SHALL BE FORMED WITH 3/4 INCH WIDE PREMOLDED BITUMINOUS JOINT FILLER. THE FILLER MATERIAL SHALL BE CUT TO CONFORM TO THE CROSS SECTION OF THE CURB.
- EXPANSION JOINTS AND FORMED CONTRACTION JOINTS ARE TO BE EDGED WITH CONCRETE FINISHING TOOLS.
- CONCRETE SEALING AGENT SHALL BE APPLIED THE SAME DAY THAT CURBS ARE CONSTRUCTED.
- CURB SHALL BE N.Y.S.D.O.T. TYPE BB OR EQUIVALENT.

CONCRETE CURB
NOT TO SCALE

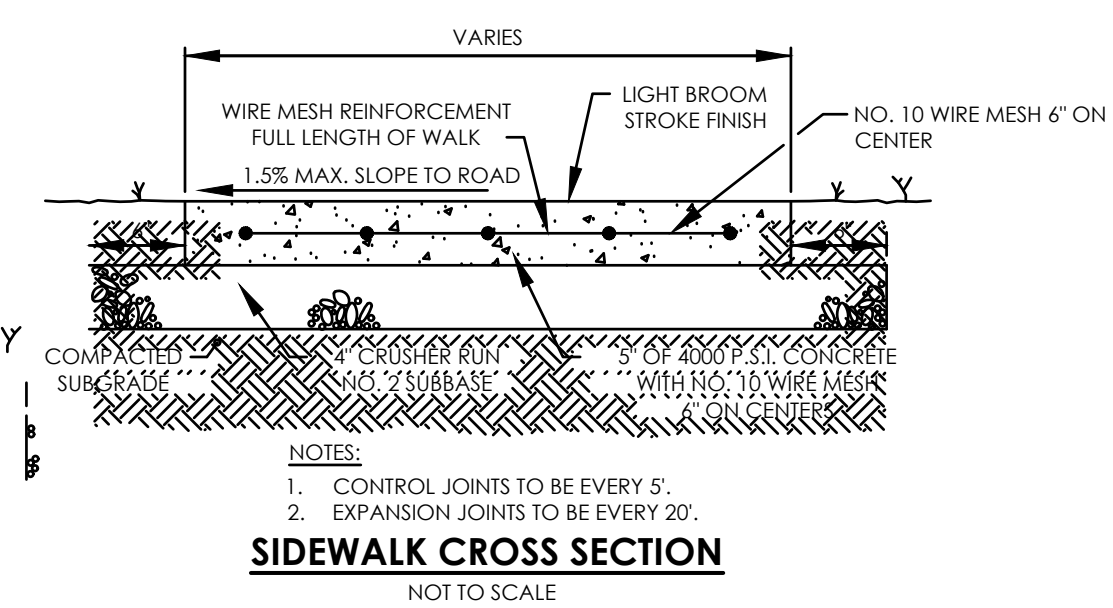


8" LOADING AND DUMPSTER CONCRETE DETAIL
NOT TO SCALE

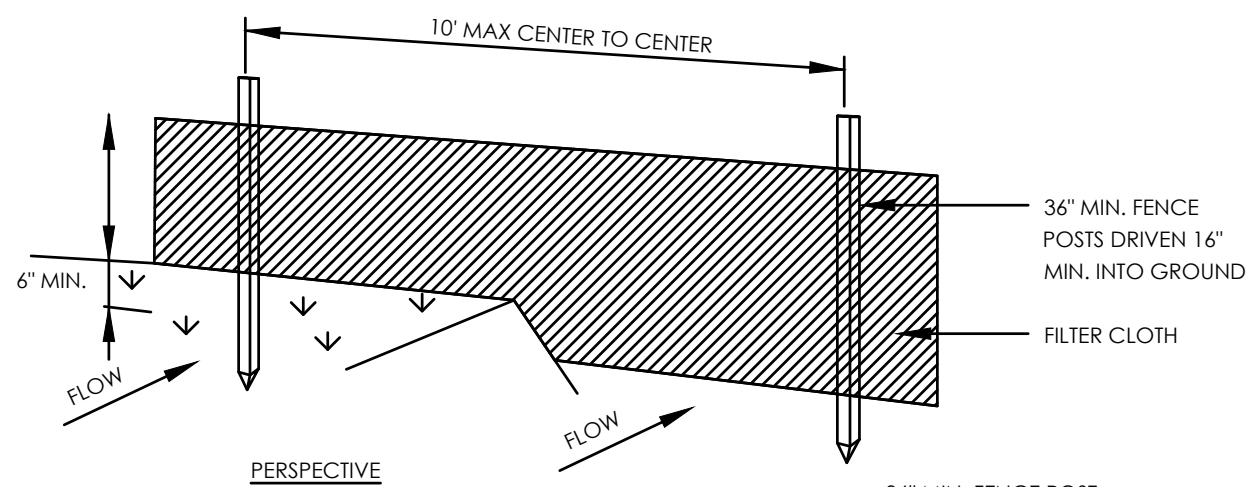


- NOTE:
- GATES TO BE 8' HIGH COMMERCIAL GRADE 9 GAUGE GALVANIZED CHAIN LINK FENCE W/ TUBULAR STEEL FRAME & GREEN VINYL INFILL SLATS.
 - ENCLOSURE BASED ON TYPICAL 4 YARD COMMERCIAL DUMPSTERS.
 - ENCLOSURE WALL HEIGHT MINIMUM 8'.

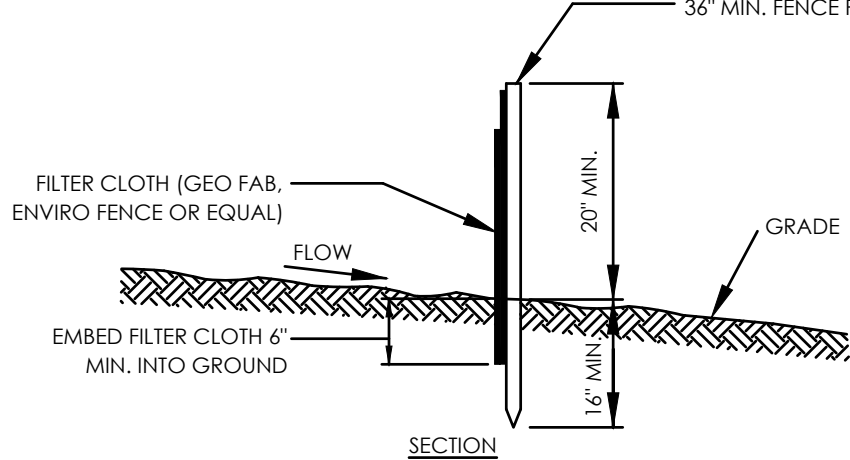
DUMPSTER ENCLOSURE
NOT TO SCALE



SIDEWALK CROSS SECTION
NOT TO SCALE



PERSPECTIVE

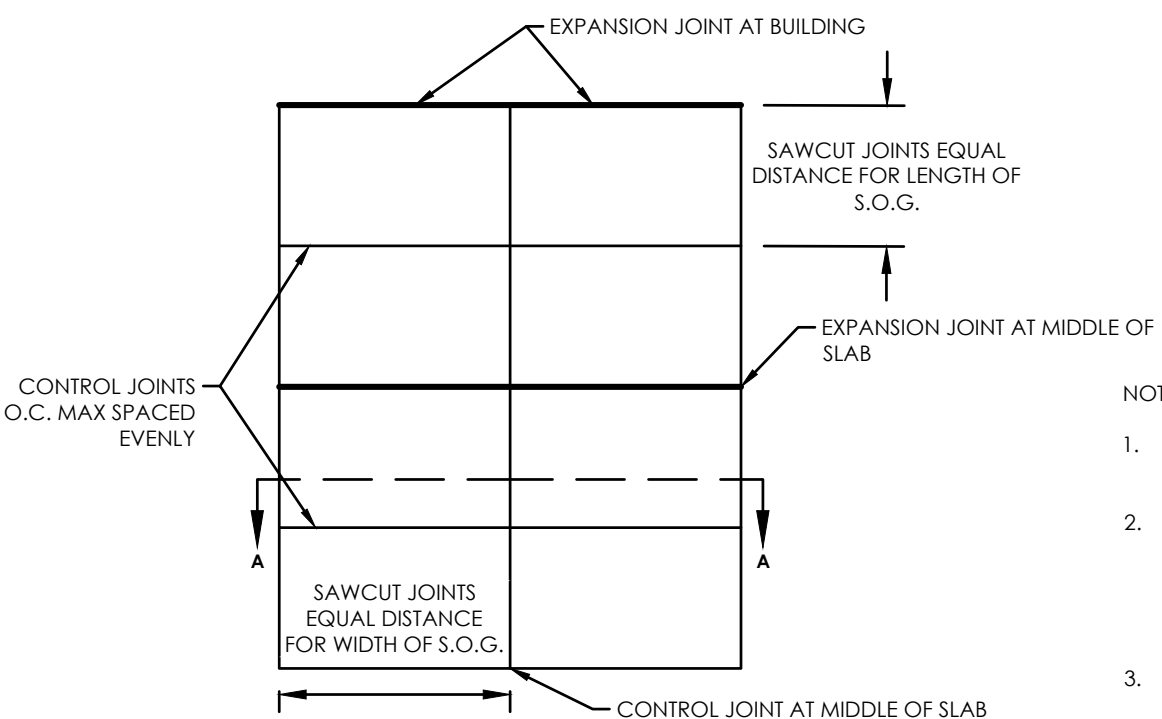


SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

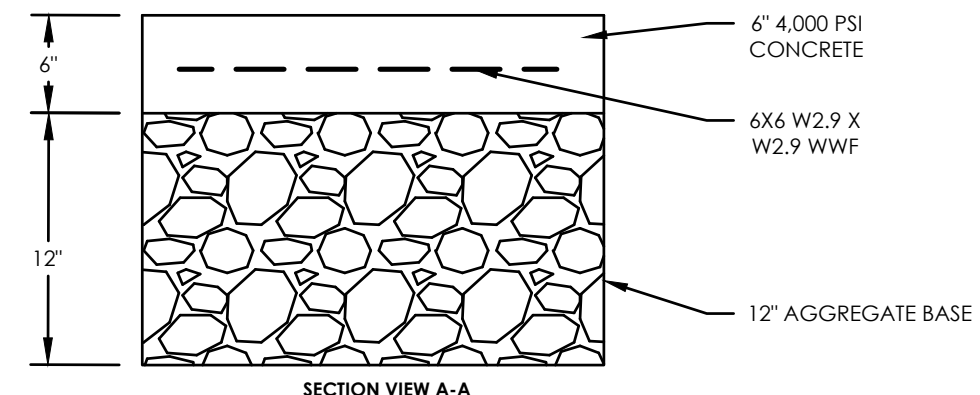
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.
- POSTS SHALL BE STEEL, EITHER T OR U TYPE OR 2" HARDWOOD
- FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR PREFABRICATED GEOFAB, ENVIROFENCE OR APPROVED EQUAL

SILT FENCE
NOT TO SCALE

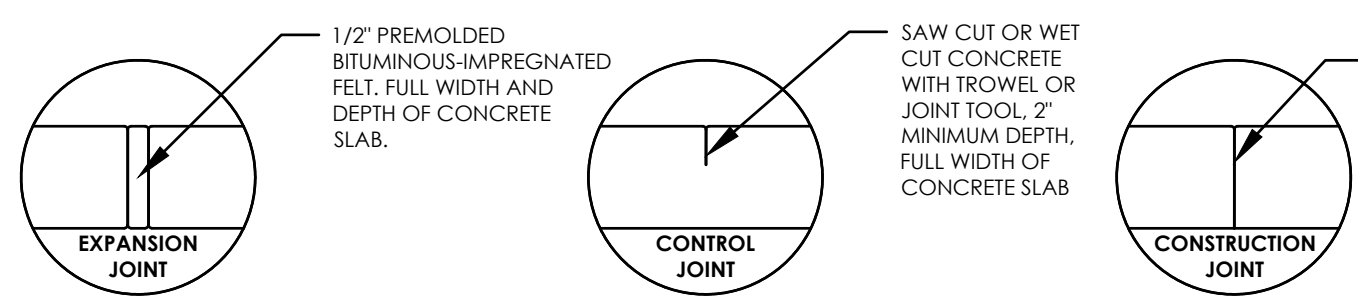


NOTES:

- 8" OF CONCRETE TO BE USED IN LOADING AND DUMPSTER AREAS.
- THE GRAVEL OR STONE BASE SHALL BE PLACED ON A WELL GRADED AND COMPACTED SUBGRADE. THE GRAVEL OR STONE BASE SHALL BE THOROUGHLY COMPACTED.
- ALL EXPOSED SURFACES SHALL BE BROOMED AND EDGES FINISHED WITH A 1/4" RADIUS EDGING TOOL. THE FINISHED CONCRETE SURFACE SHALL BE TREATED WITH A CLEAR, NON YELLOWING CURING COMPOUND.
- ALL CONCRETE SHALL BE 6% AIR ENTRAINED.
- NO CONCRETE SHALL BE PLACED BEFORE APRIL 20TH, OR AFTER OCTOBER 31ST. NO CONCRETE SHALL BE PLACED UNLESS THE AMBIENT AIR AND BASE MATERIAL SURFACE TEMPERATURE IS ABOVE 40 DEGREES.
- ALL WORK SHALL CONFORM TO ADA REQUIREMENTS.



SECTION VIEW A-A



PROFILE VIEW

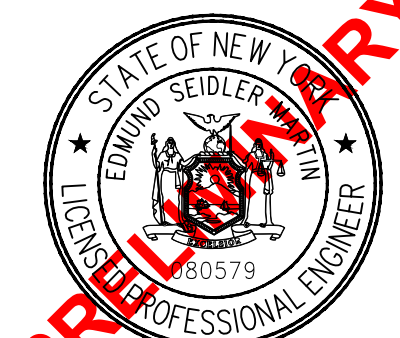
TYPICAL LIGHT DUTY CONCRETE SLAB ON GRADE DETAIL
NOT TO SCALE



45 HENDRIX RD
WEST HENRIETTA, NY 14586
PHONE-(585)359-7540
FAX-(585)359-7541



SPLASH CAR WASH, INC
472 WHEELERS FARM RD
MILFORD, CT 06461
(585) 303 - 9448



DATE	DESCRIPTION	REV	DATE	DESCRIPTION
8-29-22	REVISED PER VILLAGE PB, NYSDOT, & TOWN ENGINEER COMMENTS	01		

129 W GENESEE STREET	CONSTRUCTION DETAILS - 1
SPLASH CAR WASH	
VILLAGE OF FAVETTEVILLE, ONONDAGA COUNTY, NEW YORK	
DRAWN BY: GRS	APPROVED BY: ESM
CHECKED BY: CAK	DATE: 6-24-22
PROJ. NO: 72220023	PAGE SIZE: ANSI D

REV: 01	DRAWING NO: C8
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RSX1 LED Area Luminaire

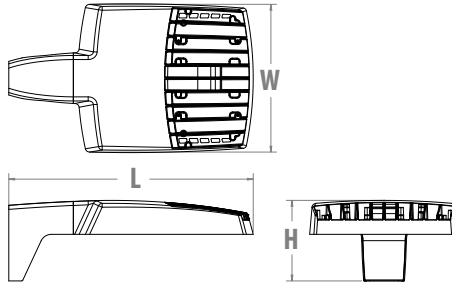


Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft²@0°):	0.57 ft² (0.05 m²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight: (SPA mount):	22.0 lbs (10.0 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED					
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) ²	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) ³	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) ⁴	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶
			R4S Type 4 Short	120 ³ 277 ⁵	WBA Wall bracket ¹
			R5 Type 5 Wide ¹	208 ³ 347 ⁵	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short ¹	240 ³ 480 ⁵	AASP Adjustable tilt arm square pole mounting ⁶
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting ⁶
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket ⁶
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶

Options			Finish	
Shipped Installed HS House-side shield ⁷ PE Photocontrol, button style ^{8,9} PEX Photocontrol external threaded, adjustable ^{9,10} PER7 Seven-wire twist-lock receptacle only (no controls) ^{9,11,12,13} CE34 Conduit entry 3/4" NPT (Qty 2) SF Single fuse (120, 277, 347) ⁵ DF Double fuse (208, 240, 480) ⁵ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output ^{9,13} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ^{9,13}			Shipped Installed *Standalone and Networked Sensors/Controls (factory default settings, see table page 9) NLTAIR2 nLight AIR generation 2 ^{13,14,15} PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) ^{13,15,16} BAA Buy America(n) Act Compliant *Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted. Shipped Separately (requires some field assembly) EGS External glare shield ⁷ EGFV External glare full visor (360° around light aperture) ⁷ BS Bird spikes ¹⁷	
			DDBXD	Dark Bronze
			DBLXD	Black
			DNAXD	Natural Aluminum
			DWHXD	White
			DDBTXD	Textured Dark Bronze
			DBLBXD	Textured Black
			DNATXD	Textured Natural Aluminum
			DWHGXD	Textured White



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.acuitybrands.com
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Lithonia RSX1 Area LED
 Rev. 06/16/22
 Page 1 of 9

Ordering Information

Accessories

Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁸
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹⁸
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ¹⁸
DSHORT SBK U	Shorting cap ¹⁸

NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1 or P2. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN). Exception: PE or PEX and FAO can be combined).
- Requires 120V, 208V, 240V or 277V.
- Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

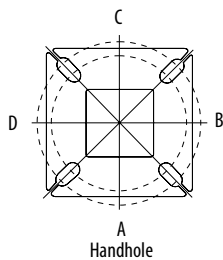


External 360 Full Visor

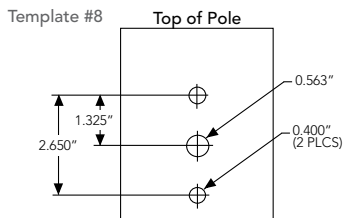
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

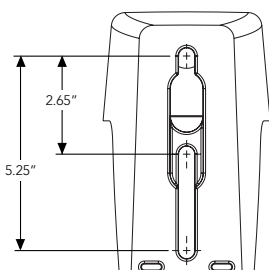
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters










Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

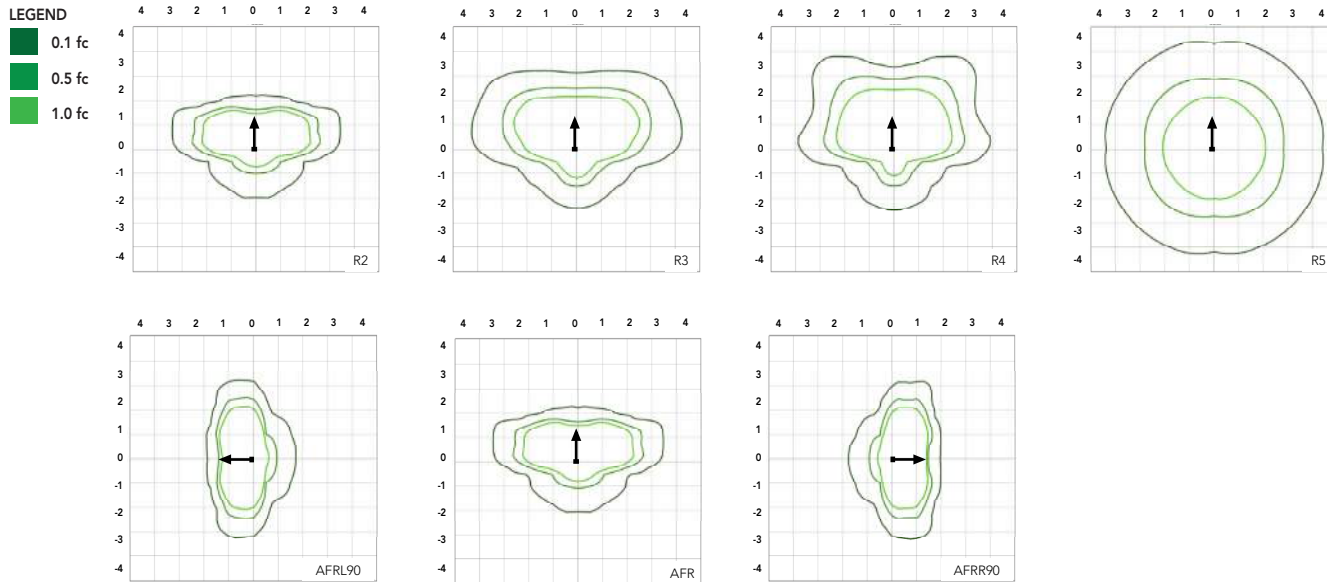
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	Tilt									
SPA - Square Pole Adaptor	0 °	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor		0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0 °	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

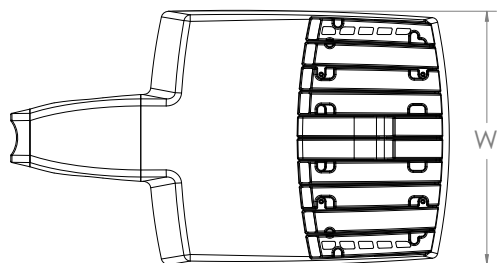
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

Dimensions & Weights

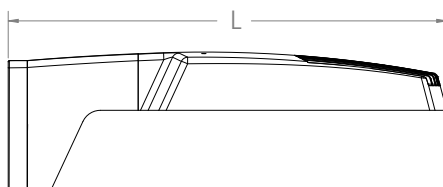
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

RSX1 with Round Pole Adapter (RPA)



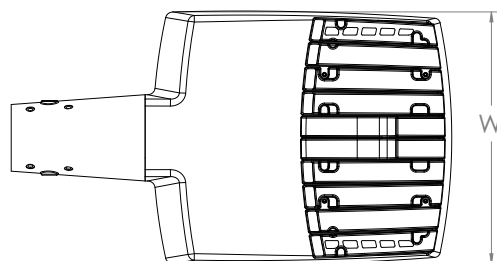
Length: 22.8" (57.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.4 cm) Arm



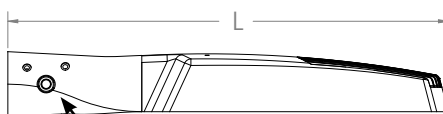
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX1 with Mast Arm Adapter (MA)

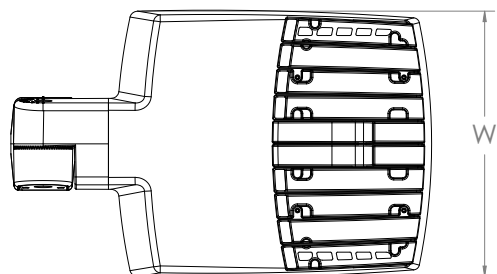


Length: 23.2" (59.1 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

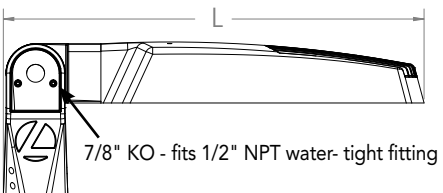


7/16" locking thru bolt/nut provided

RSX1 with Adjustable Slipfitter (IS)



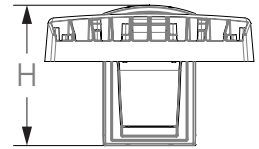
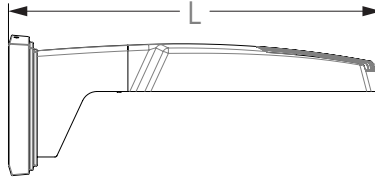
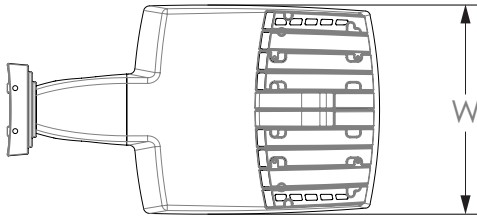
Length: 20.7" (52.7 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm



7/8" KO - fits 1/2" NPT water-tight fitting

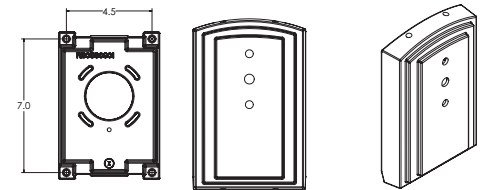
Dimensions

RSX1 with Wall Bracket (WBA)

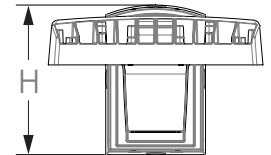
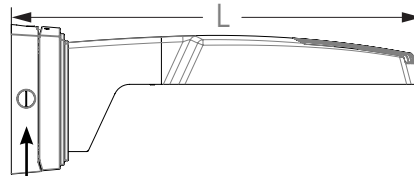
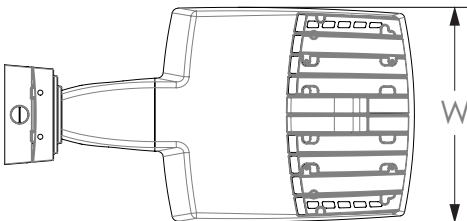


Length: 23.6" (59.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



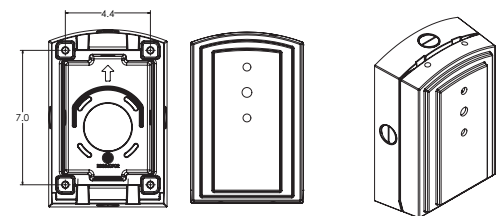
RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

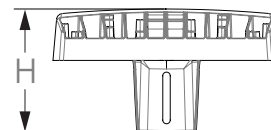
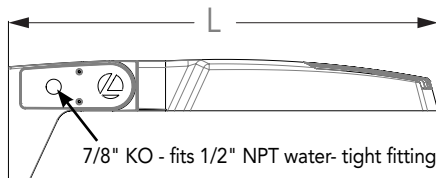
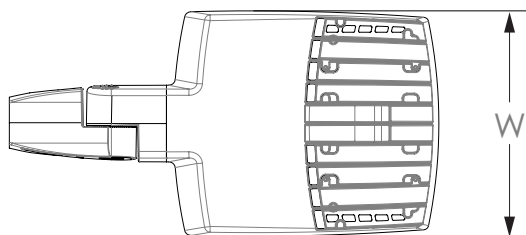
Length: 25.3" (64.3 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

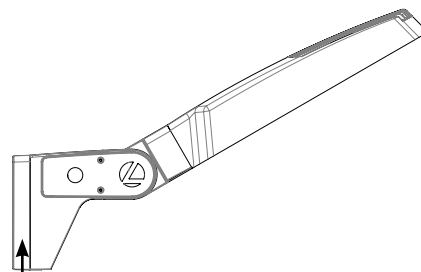


Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



Length: 25.3" (65.3 cm) **AASP**
 26.3" (66.8 cm) **AARP**
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.2 cm) Arm



NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

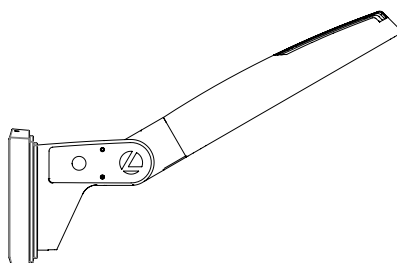
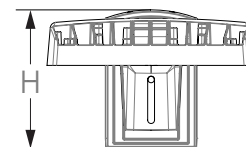
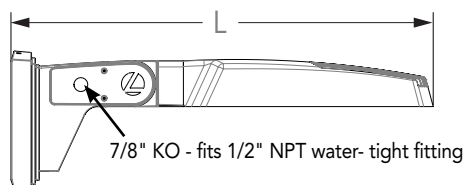
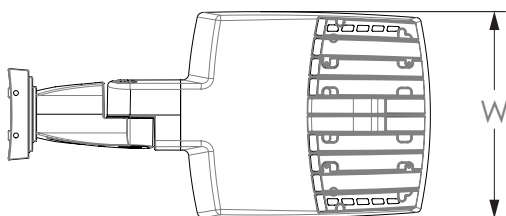


Notes

AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

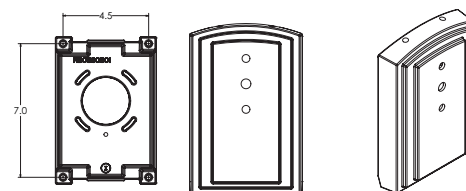
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



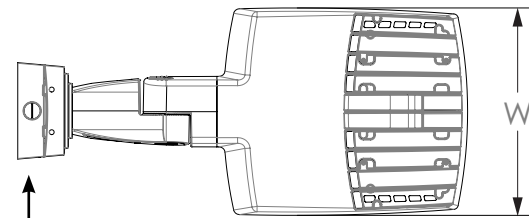
Length: 27.1" (68.8 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



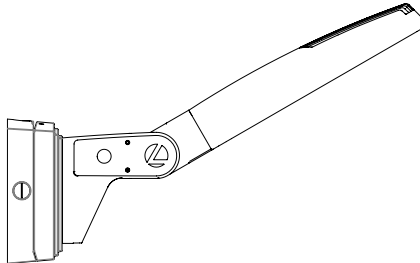
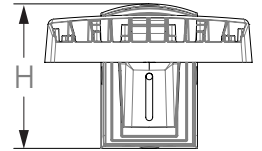
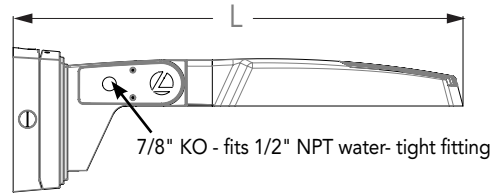
Dimensions

RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

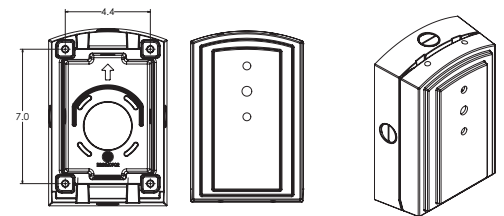


3/4" NPT taps
with plugs - Qty (4)
provided

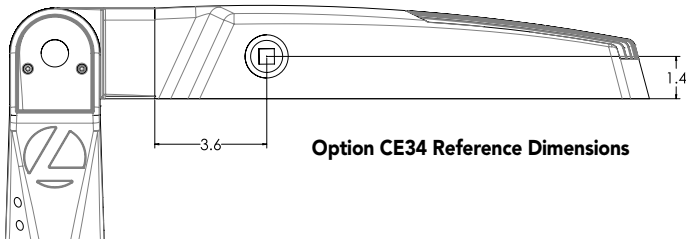
Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm



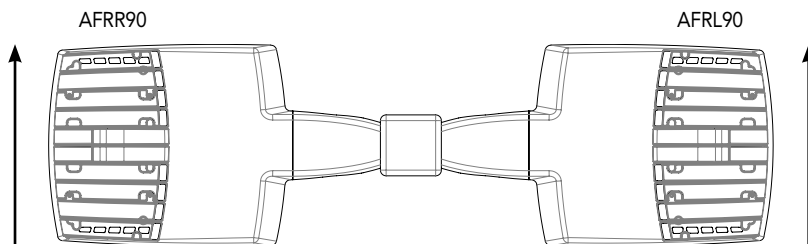
Surface Conduit Box (SCB) Mounting Detail



Additional Reference Drawings

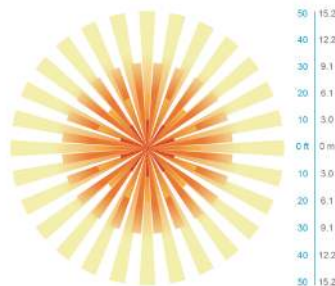
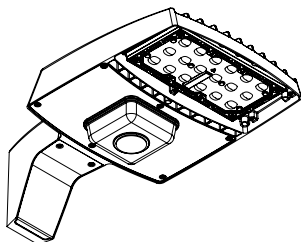


Automotive Front Row - Rotated Optics (AFRL90/R90)

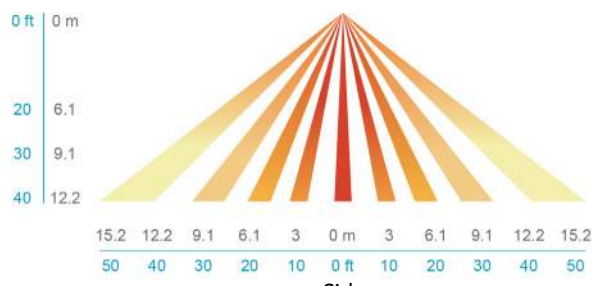


(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

nLight Sensor Coverage Pattern NLTAIR2 PIRHN



Top



Side

Motion Sensor Default Settings - Option PIRHN

Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S. Patent No. D882, 1465

BUY AMERICAN

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



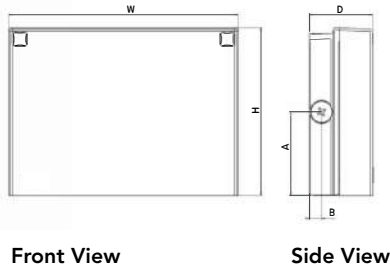
WPX LED Wall Packs



Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications



Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				A	B	
WPX1	8.1" (20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)
WPX2	9.1" (23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)

Introduction

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in three sizes, the WPX family delivers 1,550 to 9,200 lumens with a wide, uniform distribution.

The WPX full cut-off solutions fully cover the footprint of the HID glass wall packs that they replace, providing a neat installation and an upgraded appearance. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Photocell and emergency egress battery options make WPX ideal for every wall mounted lighting application.

Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

Series	Color Temperature	Voltage	Options	Finish
WPX1 LED P1	1,550 Lumens, 11W ¹	30K 3000K	MVOLT 120V - 277V	(blank) None
WPX1 LED P2	2,900 Lumens, 24W	40K 4000K	347 347V ³	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ²
WPX2 LED	6,000 Lumens, 47W	50K 5000K	E14WC Emergency battery backup, CEC compliant (14W, -20°C min) ²	PE Photocell ³
WPX3 LED	9,200 Lumens, 69W			

Note: The lumen output and input power shown in the ordering tree are average representations of all configuration options. Specific values are available on request.

NOTES

1. All WPX wall packs come with 6kV surge protection standard, except WPX1 LED P1 package which comes with 2.5kV surge protection standard. Add SPD6KV option to get WPX1 LED P1 with 6kV surge protection. Sample nomenclature: WPX1 LED P1 40K MVOLT SPD6KV DDBXD
2. Battery pack options only available on WPX1 and WPX2.
3. Battery pack options not available with 347V and PE options.

FEATURES & SPECIFICATIONS

INTENDED USE

The WPX LED wall packs are designed to provide a cost-effective, energy-efficient solution for the one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal for replacing up to 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide distribution. WPX is rated for -40°C to 40°C.

CONSTRUCTION

WPX feature a die-cast aluminum main body with optimal thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated, and sealed against moisture or environmental contaminants.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs and LED lumen maintenance of L90/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70. Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. It can be ordered with an optional 6kV surge protection). All photocell (PE) operate on MVOLT (120V - 277V) input.

Note: The standard WPX LED wall pack luminaires come with field-adjustable drive current feature. This feature allows tuning the output current of the LED drivers to adjust the lumen output (to dim the luminaire).

INSTALLATION

WPX can be mounted directly over a standard electrical junction box. Three 1/2 inch conduit ports on three sides allow for surface conduit wiring. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. Wiring can be made in the integral wiring compartment in all cases. WPX is only recommended for installations with LEDs facing downwards.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rated. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.



Performance Data

Electrical Load

Luminaire	Input Power (W)	120V	208V	240V	277V	347V
WPX1 LED P1	11W	0.09	0.05	0.05	0.04	0.03
WPX1 LED P2	24W	0.20	0.12	0.10	0.09	0.07
WPX2	47W	0.39	0.23	0.20	0.17	0.14
WPX3	69W	0.58	0.33	0.29	0.25	0.20

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.94	>0.92	>0.90

Lumen Output

Luminaire	Color Temperature	Lumen Output
WPX1 LED P1	3000K	1,537
	4000K	1,568
	5000K	1,602
WPX1 LED P2	3000K	2,748
	4000K	2,912
	5000K	2,954
WPX2	3000K	5,719
	4000K	5,896
	5000K	6,201
WPX3	3000K	8,984
	4000K	9,269
	5000K	9,393

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

HID Replacement Guide

Luminaire	Equivalent HID Lamp	WPX Input Power
WPX1 LED P1	100W	11W
WPX1 LED P2	150W	24W
WPX2	250W	47W
WPX3	400W	69W

Emergency Egress Battery Packs

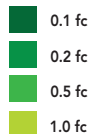
The emergency battery backup is integral to the luminaire — no external housing or back box is required. The emergency battery will power the luminaire for a minimum duration of 90 minutes and deliver minimum initial output of 550 lumens. Both battery pack options are CEC compliant.

Battery Type	Minimum Temperature Rating	Power (Watts)	Controls Option	Ordering Example
Standard	0°C	4W	E4WH	WPX2 LED 40K MVOLT E4WH DDBXD
Cold Weather	-20°C	14W	E14WC	WPX2 LED 40K MVOLT E14WC DDBXD

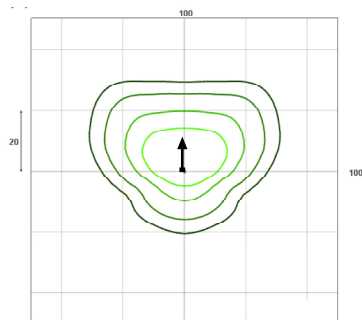
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting [WPX LED](#) homepage. Tested in accordance with IESNA LM-79 and LM-80 standards

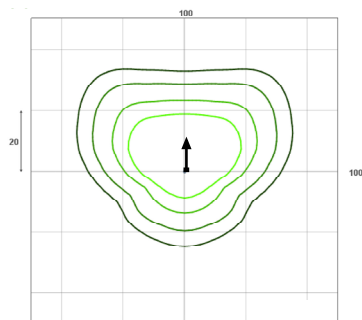
LEGEND



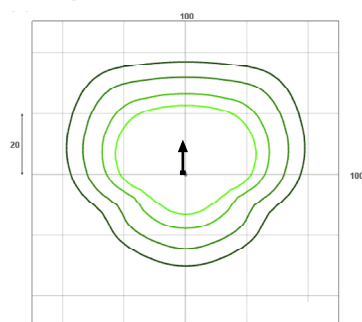
WPX1 LED P1



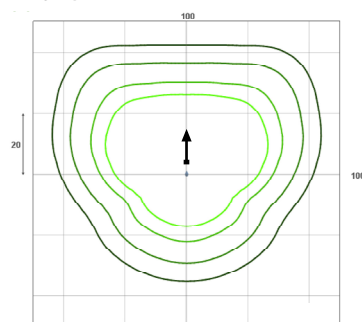
WPX1 LED P2



WPX2 LED



WPX3 LED



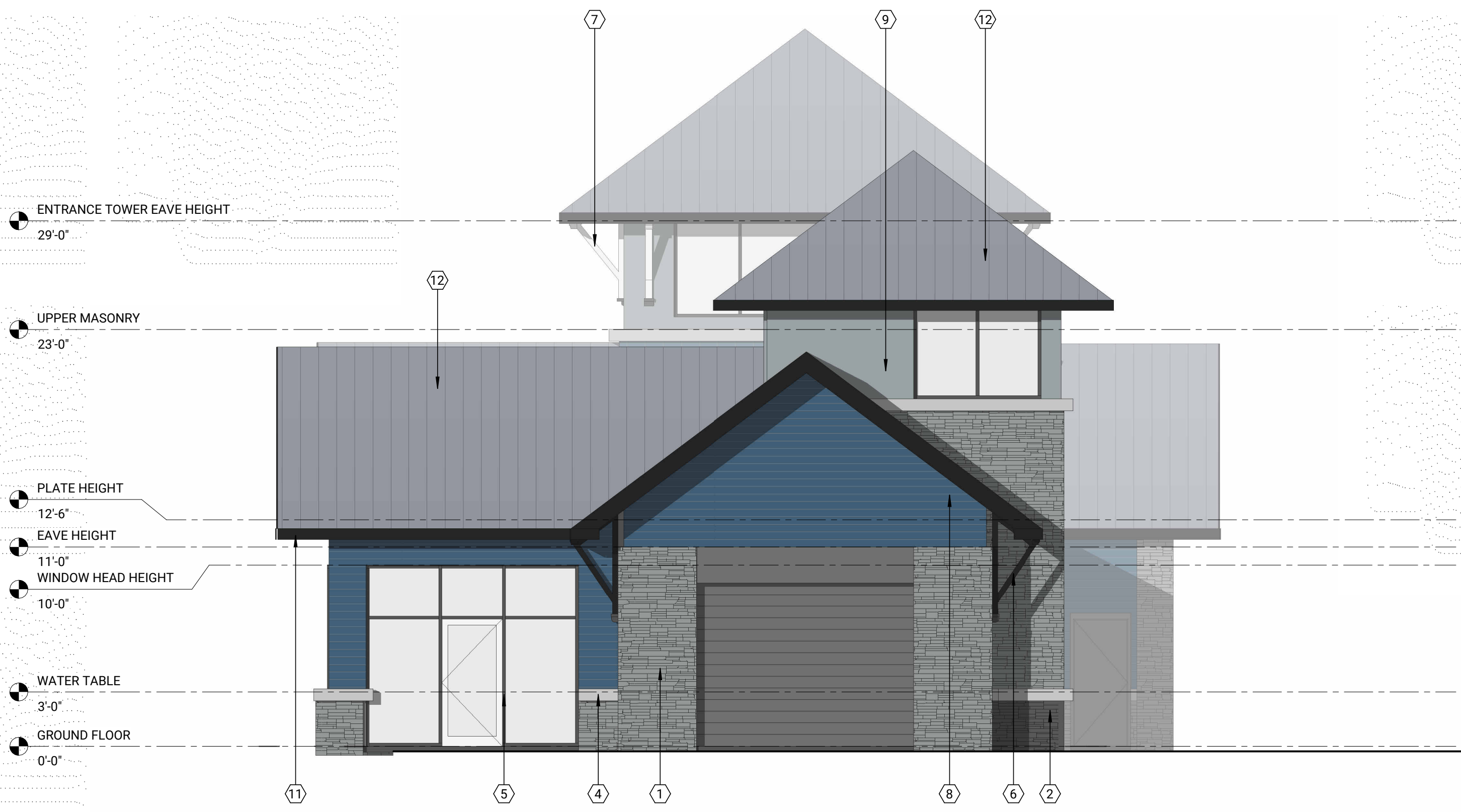
Mounting Height = 12 Feet.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](#)
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WPX LED
Rev. 03/08/22



1 EAST ELEVATION
3/16" = 1'-0"



2 NORTH ELEVATION
3/16" = 1'-0"

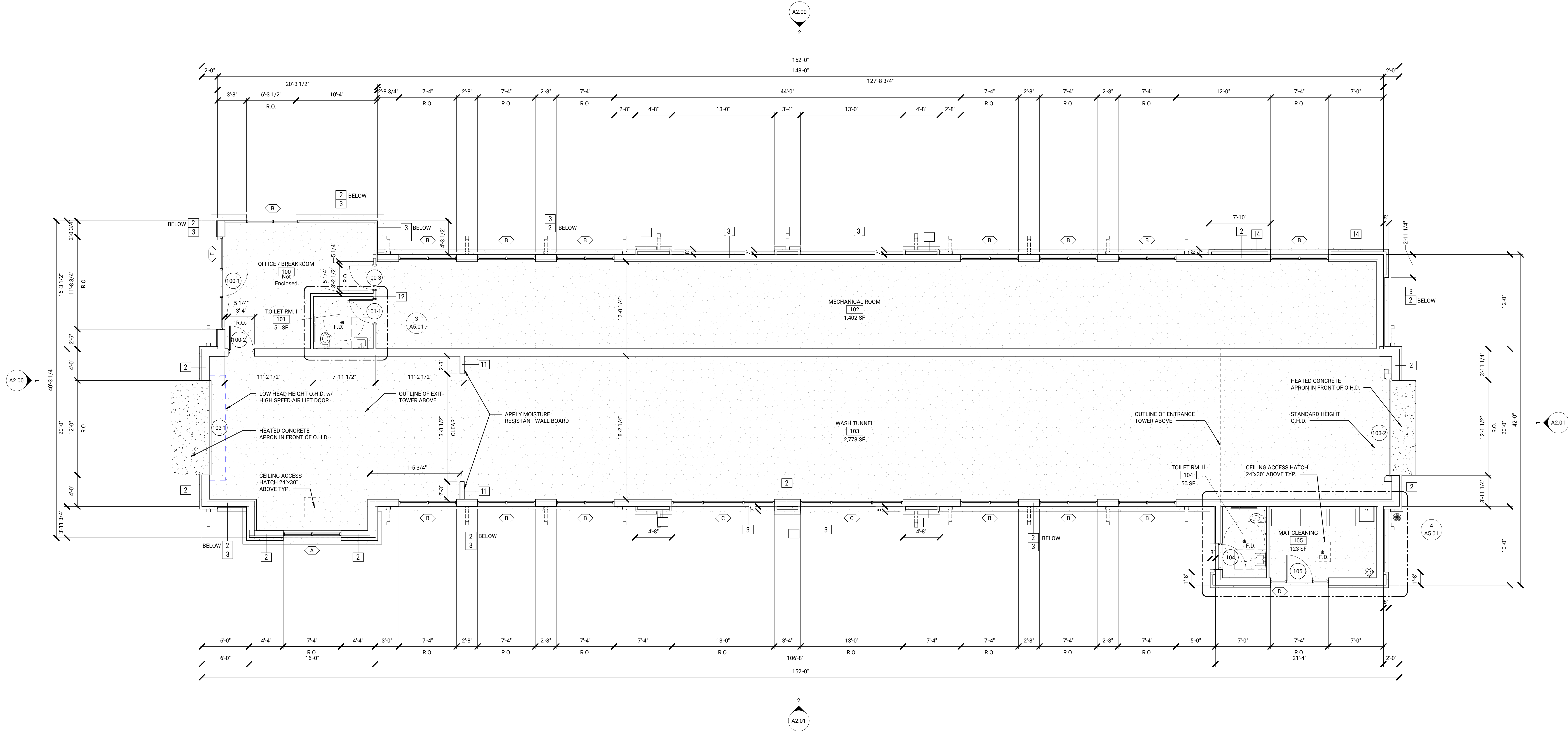
ELEVATION KEYNOTES

NO.	DESCRIPTION
1	LIGHT STONE VENEER: PROVIA - BLUE RIDGE LIMESTONE
2	DARK STONE VENEER: PROVIA (TBD)
3	BRICK VENEER, COLOR: LIGHT GRAY
4	PROVIA STONE CAP, WATER SILL WITH DRIP, COLOR: GRAY
5	ALUMINUM FRAME, COLOR: BLACK
6	DECORATIVE BRACKET, COLOR: BLACK
7	DECORATIVE BRACKET, COLOR: WHITE
8	LAP SIDING, LP SMARTSIDE PANEL - COLOR: 'DEEP OCEAN'
9	PANEL SIDING, LP SMARTSIDE PANEL - COLOR: 'BOOTHBAY BLUE'
10	BOARD & BATTEN, LP SMARTSIDE - COLOR: 'BOOTHBAY BLUE'
11	ALUMINUM FASCIA, COLOR: BLACK
12	STANDING SEAM METAL ROOF, COLOR 'GRAY' (TBD)
13	PANEL SIDING, MATERIAL LP SMARTSIDE PANEL - COLOR: 'DARK GRAY' (TBD)

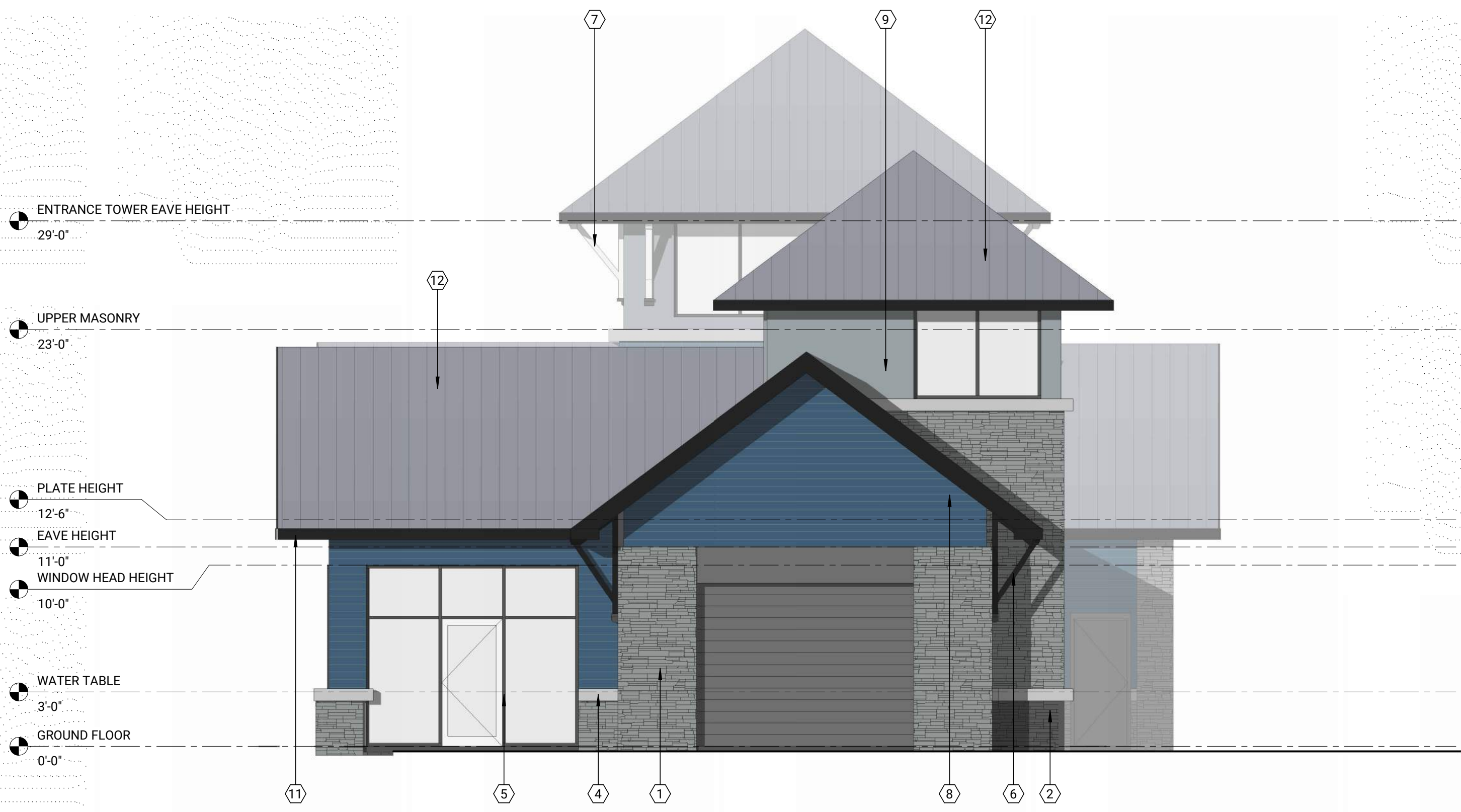
*ALL LP SMARTSIDE SIDING : SMOOTH FINISH, INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS & WARRANTY REQUIREMENTS, TYP. SUBMIT SHOP DRAWINGS FOR REVIEW & APPROVAL PRIOR TO FABRICATION

GENERAL ELEVATION NOTES

1. FOR GRAPHIC SYMBOLS AND ABBREVIATIONS SEE SHEET G0.01
2. CONTRACTORS SHALL VERIFY ALL EXTERIOR MATERIALS, COLORS, AND FINISHES WITH THE ARCHITECT. ANY DISCRENCIES NOTED SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
3. THE EXTERIOR WALL AS SHOWN SHALL BE A COMPLETE SYSTEM INCLUDING ALL STIFFENERS, FASTENERS, SEALANTS, JOINTING, MISCELLANEOUS PIECES, AND MATERIAL THICKNESS AS REQUIRED TO FORM A WATERTIGHT ENCLOSURE.
4. ALL DETAILS ARE TO BE COORDINATED WITH THE STRUCTURAL FRAMING AND OTHER BUILDING COMPONENTS INCLUDING ROOFING, EXTERIOR CLADDING ITEMS, GLAZING, INTERIOR FINISH, AND OTHER RELATED BUILDING COMPONENTS.
5. EXTERIOR FINISHES SHOWN CAN BE ASSUMED TO WRAP AROUND PROJECTING ELEMENTS UNLESS OTHERWISE NOTED.
6. PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY, 6 INCH MIN. SIZE ADJOINING ENTRY DOOR - SIGN SHALL CONSIST OF WHITE FIGURE ON A BLUE BACKGROUND. MOUNT SIGN AT 5'-0" A.F.F.
7. REFER TO ELECTRICAL AND LIGHTING DRAWINGS FOR ALL EXTERIOR LIGHTING TYPES AND MOUNTING HEIGHT.
8. ALL SEALANT JOINTS SHALL BE SIZED SUCH THAT THEY WILL BE WITHIN THE SIZE RANGE RECOMMENDED BY THE SEALANT MANUFACTURER.
9. VERIFY ALL CLEAR OPENINGS FOR WINDOW AND LOUVER INSTALLATIONS.
10. ALL MASONRY ATTACHMENTS, LINTELS, SHELF ANGLES, AND SUPPORTS SHALL BE HOT-DIPPED GALVANIZED STEEL. ALL SHIMS SHALL BE NON-CORROSIVE MATERIALS.
11. ALL SILLS, WINDOW HEADS, AND SHELF ANGLES SHALL HAVE FLASHING EXTENDED TO THE OUTSIDE OF THE WALL WHETHER OR NOT SHOWN ON THE DRAWINGS.



1 GROUND FLOOR PLAN
3/16" = 1'-0"



1 EAST ELEVATION
3/16" = 1'-0"



2 NORTH ELEVATION
3/16" = 1'-0"

ELEVATION KEYNOTES

NO.	DESCRIPTION
1	LIGHT STONE VENEER: PARAGON SUPPLY SYR. - TENNESSEE GREY LIMESTONE
2	DARK STONE VENEER: PARAGON SUPPLY SYR. (TBD)
3	PANEL SIDING: LP SMARTSIDE PANEL - COLOR: MEDIUM GRAY (TBD)
4	STONE CAP, WATER SILL WITH DRIP, PARAGON SUPPLY SYR. - COLOR: 'GRAY'
5	ALUMINUM FRAME, COLOR: BLACK
6	DECORATIVE BRACKET, COLOR: BLACK
7	DECORATIVE BRACKET, COLOR: WHITE
8	LAP SIDING: LP SMARTSIDE PANEL - COLOR: 'DEEP OCEAN'
9	PANEL SIDING: LP SMARTSIDE PANEL - COLOR: 'BOOTHBAY BLUE'
10	BOARD & BATTEN: LP SMARTSIDE - COLOR: 'BOOTHBAY BLUE'
11	ALUMINUM FASCIA, COLOR: BLACK
12	STANDING SEAM METAL ROOF, COLOR: 'GRAY' (TBD)
13	PANEL SIDING: LP SMARTSIDE PANEL - COLOR: 'DARK GRAY' (TBD)

*ALL LP SMARTSIDE SIDING : SMOOTH FINISH, INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS & WARRANTY REQUIREMENTS, TYP. SUBMIT SHOP DRAWINGS FOR REVIEW & APPROVAL PRIOR TO FABRICATION
*SUPPLIER OF STONE ELEMENTS - PARAGON SUPPLY SYRACUSE

GENERAL ELEVATION NOTES

1. FOR GRAPHIC SYMBOLS AND ABBREVIATIONS SEE SHEET G0.01
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9. VERIFY ALL CLEAR OPENINGS FOR WINDOW AND LOUVER INSTALLATIONS.
10. ALL MASONRY ATTACHMENTS, LINTELS, SHELF ANGLES, AND SUPPORTS SHALL BE HOT-DIPPED GALVANIZED STEEL. ALL SHIMS SHALL BE NON-CORROSIVE MATERIALS.
11. ALL SILLS, WINDOW HEADS, AND SHELF ANGLES SHALL HAVE FLASHING EXTENDED TO THE OUTSIDE OF THE WALL WHETHER OR NOT SHOWN ON THE DRAWINGS.



1 WEST ELEVATION
3/16" = 1'-0"

ELEVATION KEYNOTES

NO.	DESCRIPTION
1	LIGHT STONE VENEER: PARAGON SUPPLY SVR. - TENNESSEE GREY LIMESTONE
2	DARK STONE VENEER: PARAGON SUPPLY SVR. (TBD)
3	PANEL SIDING: LP SMARTSIDE PANEL - COLOR: MEDIUM GRAY (TBD)
4	STONE CAP, WATER SILL WITH DRIP, PARAGON SUPPLY SVR- COLOR: GRAY
5	ALUMINUM FRAME, COLOR: BLACK
6	DECORATIVE BRACKET, COLOR: BLACK
7	DECORATIVE BRACKET, COLOR: WHITE
8	LAP SIDING: LP SMARTSIDE PANEL - COLOR: DEEP OCEAN
9	PANEL SIDING: LP SMARTSIDE PANEL - COLOR: BOOTHBAY BLUE
10	BOARD & BATTEN: LP SMARTSIDE - COLOR: BOOTHBAY BLUE
11	ALUMINUM FASCIA, COLOR: BLACK
12	STANDING SEAM METAL ROOF, COLOR: GRAY (TBD)
13	PANEL SIDING: LP SMARTSIDE PANEL - COLOR: DARK GRAY (TBD)

*ALL LP SMARTSIDE SIDING - SMOOTH FINISH, INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS & WARRANTY REQUIREMENTS, TYP. SUBMIT SHOP DRAWINGS FOR REVIEW & APPROVAL PRIOR TO FABRICATION

GENERAL ELEVATION NOTES

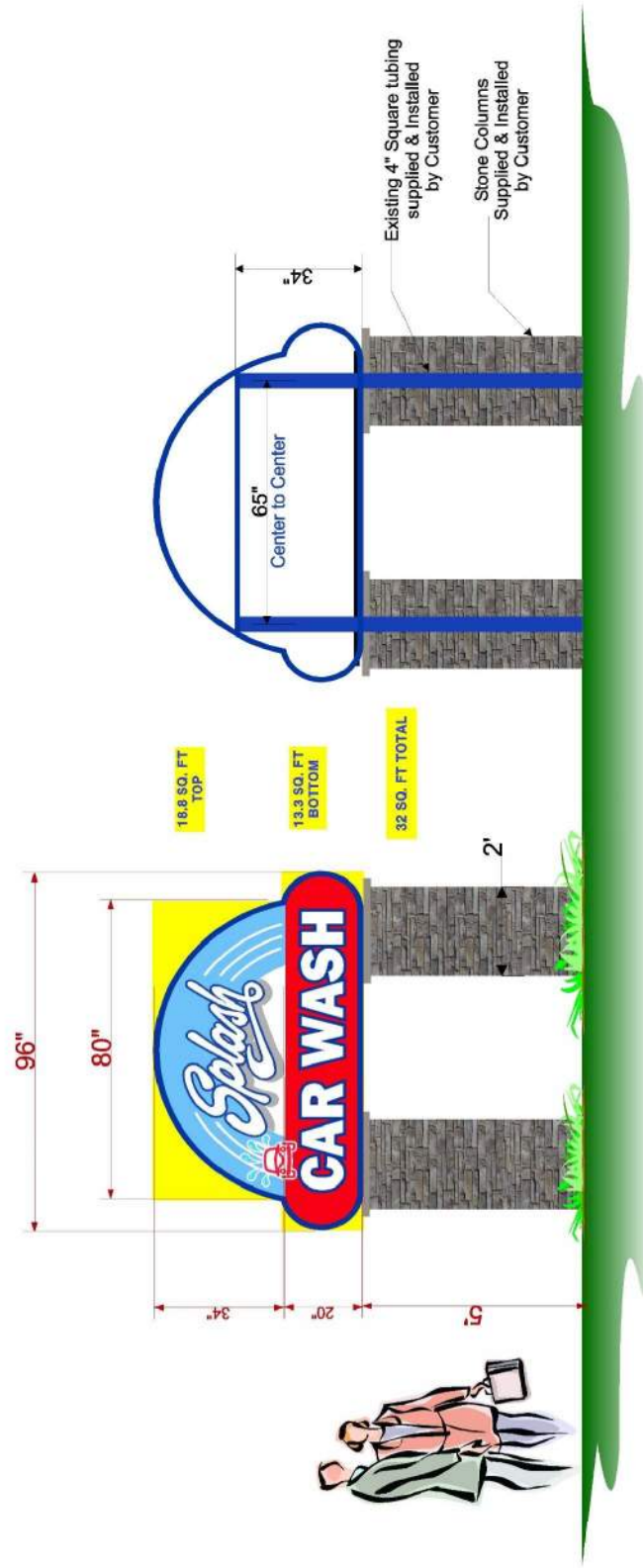
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2 SOUTH ELEVATION
3/16" = 1'-0"



SIGNS TO BE MANUFACTURED TO U.L. SPECIFICATIONS AND WILL BEAR THE U.L. LABEL(S). INSTALL IN ACCORDANCE WITH NATIONAL ELECTRIC CODES.



Fabricate and install 1) 54" x 96" double face LED internally illuminated monument sign to be mounted on Customer's Supplied & installed Poles on top of 2) cultured stone pilers

**Cabinet painted
to match PMS 280c**

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SIGNS
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6699 Old Thompson Rd.
Syracuse, New York 13211
315-463-7446
Fax 315-463-7449
www.KassisSigns.com

DATE: 8/29/22	FILE NAME: Classy Chassy Monument sign PL# 17190
REV:	CLIENT:
REV	LOCATION: Fayetteville NY
REV	DESIGNER: TGT
REV	SALES REP: Jamie Bracy

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign.

Approximate placement of proposed signage in relationship to surrounding

THE INTENT OF THIS DRAWING IS TO SHOW A CONCEPTUAL REPRESENTATION OF THE PROPOSED SIGNAGE. DUE TO VARIATIONS IN PRINTING DEVICES AND SUBSTRATES, THE FINISHED PRODUCT MAY DIFFER SLIGHTLY FROM DRAWING

Customer authorizes Kassiss Superior Signs to initiate work on this layout & assumes responsibility for any costs incurred should any changes be made after production has begun. Please send back signed & dated, noting any changes after checking for correct colors, logos & text.

Approved by Customer	Date
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