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William S. Null, Esq. wnull@cuddyfeder.com

09/27/2021

#### BY EMAIL: vdesimone@northcastleny.com

Chairman Christopher Carthy and Members of the Planning Board Town of North Castle 17 Bedford Road Armonk, New York 10504

Re:

Site Plan Application for Restaurant with Accessory Brewing Operations and Tap Room

873 Holding Company LLC

Premises: 873 North Broadway, North Castle, NY 10603 (122.12-4-27)

Dear Chairman Carthy and Members of the Planning Board:

On behalf of 873 Holding Company LLC, the contract-vendee for the Premises ("Applicant"), we respectfully submit its Site Development Plan Application with respect to the proposed adaptive reuse of an approximately 3,435 square foot commercial building at 873 North Broadway with a new restaurant and accessory brewing operations and tap room to be known as "Miles, The Prince." The restaurant will offer an upscale dining experience intended to pair chef-driven food with craft brewed beer.

The Premises is classified within the Town of North Castle's CB — Central Business District where "restaurants, taverns, cafes, bakeries not exceeding 5,000 square feet of floor area" are permitted as-of-right. The restaurant will accommodate the proposed dining area and kitchen on the upper level that fronts on North Broadway (aka NYS Route 22), comprising approximately 1,720 s.f., including the primary dining space with an open seating area and small bar, a small private dining area, kitchen, and bathrooms. The lower-level comprises approximately 1,715 s.f., including a tenbarrel brewing area and small tap room, as well as "back-of-the-house" areas for mechanical equipment and food storage.

The small brewing area will enable beer to be brewed on site predominantly for consumption or sale on the Premises. Some of the on-site brewed beer will be distributed locally, but it is a fraction of the production. Local distribution would be by van with the trips expected to occur only 2 or 3 days a week with just 1 trip per day.



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The Planning Board granted Site Development Plan Approval for these Premises in 2019 for use as the Greener Dry Cleaner. Most of the previously approved improvements have been constructed except for sidewalk improvements along North Broadway, which were bonded by the current owner. The completed improvements include a new paved parking area in the rear of the building, improved stormwater infrastructure, and new signage and façade.

The Applicant is not proposing any increase to the footprint, height, or floor area of the building. This Application substantially involves internal renovations to accommodate the proposed restaurant and accessory brewing operations. The limited exterior renovations and site improvements consist of constructing the landscaped sidewalk along North Broadway, as previously approved, replacing an approximately 210 s.f. area of pavement along the rear of the building with pavers for a small outdoor seating area, and renovating the façade with new paint, signage, and wall sconces.

Vehicles will be prohibited from using the North Broadway frontage, which is consistent with the conditions and safeguards included in the Planning Board's 2019 approvals. Instead, that area will be improved by raised planters and benches to provide a more welcoming aesthetic visible from Route 22.

The rear parking area with 21 paved parking spaces and 1 paved loading space will be maintained and accessed from Washington Place via an easement over the adjacent property (877 North Broadway). Customers will access the restaurant or tap room from the lower level of the building. Access to the second level will be provided by elevator for ADA accessibility or by stairs.

Required parking for the restaurant is 46 spaces based on the Town's parking minimum of 1 space for every 75 s.f. of restaurant area. However, the actual parking need is expected to be much less, given the gross floor area includes a significant area in the lower level to be used for brewing and other "back-of-the-house" purposes that do not generate customer parking. The Applicant is exploring opportunities to lease additional parking space within 250 feet of the Premises, as permitted by Town Code Section 355-56A(1)(b). Otherwise, the Applicant anticipates applying to the Zoning Board of Appeals for a parking variance.

<sup>&</sup>lt;sup>1</sup> See Site Plan and Tree Removal Permit Approval Resolutions for GDC Equities, LLC dated April 8, 2019 (modified on July 8, 2019, July 29, 2019, and September 23, 2019).

<sup>&</sup>lt;sup>2</sup> See Driveway Easement and Maintenance Agreement between SIGMA, LLC and RLA Holdings, LLC dated July 30, 2018 recorded in the Westchester County Clerk Land Records at Control Number 583443244.



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In support of this Application, we respectfully submit the following documents:

- 1. Site Plan Application Form with signed/notarized Owner Authorization;
- 2. Short Environmental Assessment Form;
- 3. A slide deck prepared by the Applicant detailing the concept and history for "Miles, The Prince" as a restaurant with accessory brewing operations and tap room;
- 4. Site Plans prepared by Insite Engineering, Surveying & Landscape Architecture, P.C. dated September 27, 2021 consisting of sheets entitled and numbered as follows:
  - SP-1: Layout and Landscape Plan
  - SP-2: Grading and Utilities Plan
- 5. Interior Proposed Plans and Exterior Elevations (A-050.00), dated September 22, 2021 prepared by Wid Chapman Architects;
- 6. Two Architectural Renderings prepared by Wid Chapman Architects illustrating the proposed front of the building and the proposed rear of the building;
- 7. Survey prepared by All County Land Surveyor PC (Donal A. O'Buckley, P.L.S.) representing the property known as Section 122.12, Block 4, Lot 27 of the Town of North Castle, County of Westchester, as surveyed on July 23, 2021; and
- 8. A Stormwater Pollution Prevention Plan ("SWPPP") Addendum prepared by Insite Engineering, Surveying & Landscape Architecture, P.C. dated September 27, 2021 submitting the Stormwater Pollution Prevention Plan prepared for GDC Equities, LLC 873 North Broadway Town of North Castle prepared by Insite Engineering, Surveying & Landscape Architecture, P.C. dated March 11, 2019 which was previously approved by the Planning Board in 2019.

Two checks made payable to the "Town of North Castle" in the amount of \$200.00 and \$3,000.00, respectively representing the Site Plan Application Fee and Commercial Site Plan Escrow Deposit have been submitted under separate cover for this matter.

We respectfully request that this Application be placed on the Agenda for consideration by the Planning Board at its October 14, 2021 meeting. We look forward to attending that meeting and addressing any questions.



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Thank you for your consideration.

Respectfully yours,

William S. Null

William S. Null

cc: Director of Planning Adam R. Kaufman, AICP; Engineering Consultant Joseph M. Cermele, P.E., Kellard Sessions Consulting; Insite Engineering, Surveying & Landscape Architecture, P.C.; Wid Chapman Architects



# TOWN OF NORTH CASTLE WESTCHESTER COUNTY 17 Bedford Road Armonk, New York 10504-1898

Telephone: (914) 273-3542 Fax: (914) 273-3554 www.northcastleny.com

## Application for Site Development Plan Approval

## Application Name

Miles the Prince - 873 N Broadway, North Castle, NY 10504

## I. IDENTIFICATION OF PROPERTY OWNER, APPLICANT AND PROFESSIONAL REPRESENTATIVES

Name of Property Owner: RLA Holdings, L	LC			
Mailing Address: 800 Central Park Avenue	e, Suite 201	1, Scarsdale, NY 10583		
Telephone: _914 760 3288 Fax: _			e-mai	1
Name of Applicant (if different): 873 Hol	ding Comp	any LLC		
Address of Applicant: 5 Oak Lane, Larchm	ont, NY 10	538		
Telephone: 914 715 6922 Fax:			_ e-mail	zegoldstein@gmail.com
Interest of Applicant, if other than Propert Contract-Vendee				
Is the Applicant (if different from the prop	erty owne	er) a Contract Vendee?	•	
Yes No				
If yes, please submit affidavit sating such.	If no, ap	plication cannot be rev	viewed by	y Planning Board
Name of Professional Preparing Site Plan: Insite Engineering, Surveying & Landscape A		, P.C. (c/o Rich Williams	, P.E.)	
Address: _3 Garrett Place, Carmel, NY 10512	2			
Telephone: 845 225 9690	Fax:	845 225 9717	e-r	mail _rwilliams@insite-eng.com
Name of Other Professional: Wid Chapma	ın Architect	ts (c/o Wid Chapman)		
Address:547 W 27th Street, Suite 304, New	York, NY	10001		
Telephone: _212 675 5207	Fax:			e-mail wid@widchapman.com
Name of Attorney (if any): Cuddy & Feder	LLP (c/o W	/illiam Null, Esq.)		
Address: 445 Hamilton Avenue, Floor 14, Wh	ite Plains, l	NY 10601		-
Telephone: 914 761 1300	Fax:	914 761 5372		e-mail wnull@cuddyfeder.com

### II. IDENTIFICATION OF SUBJECT PROPERTY

Street Address:	873 N Broadwa	ay, North Castle, NY 1	0603		_	
Location (in relation	n to nearest int	ersecting street):				
approx. 75 feet (nort	h, south, east	or west) of Washir	igton Place E			
Abutting Street(s):	North Broadway				-	
Tax Map Designation	on (NEW): Sec	ction122.12	Block	4	Lot	27
Tax Map Designation	on (OLD): Sec	tion	Block		Lot	
Zoning District:	СВ	Total Land Area	16,959 s/f (0.39	acres)		
Land Area in North	Castle Only (i	f different)n/a				
Fire District(s)North	Caste South F.D. #1	_ School District(s	Valhalla Central			
Is any portion of sul	pject property	abutting or located	d within five hur	ndred (50	00) feet of the	following:
No Ye If yes, please The boundar No _x Ye The right-of or highway?	s (adjacent)e identify nam  ry of any exist s (adjacent)e  -way of any ex	town or village?  Yes (within 5 e(s): City of White ing or proposed Compared Within 5 existing or proposed Compared Comp	Plains  ounty or State pa  f00 feet)  County or State	ark or an - e parkwa		
The existing for which th	or proposed re County has	Yes (within 5 ight-of-way of any established channe Yes (within	stream or drain l lines?	nage char	nnel owned by	the County or
The existing or institution No _x _ Y	or proposed by is situated? es (adjacent)	ooundary of any co Yes (within	ounty or State ov	vned lan	d on which a p	oublic building
		Yes (with	_			
Does the Property C		icant have an inter	est in any abutti	ng prope	erty?	
If yes, please identi	fy the tax map	designation of tha	at property:			
Subject property is be	neficiarv of easer	ment (Control # 58344	3244) over adiacen	t parcel kr	nown as 877 N Br	oadwav

#### III. DESCRIPTION OF PROPOSED DEVELOPMENT

Proposed Use:	Restaurant with a	ccessory bre	wing opera	tions and	taproom		_	
Gross Floor Ar	ea: Existing	3,435	S.F.	Propos	sed 3,435	S.F.		
Proposed Floor	Area Breakdow	n:						
Retail _	3,435	S	S.F.; Offi	ice	n/a	_S.F.;		
Industri	a1n/a	S	.F.; Insti	itutional	n/a	S.F.;		
Other N	onresidential	n/a	S.F.; Res	idential	n/a	_ S.F.;		
Number	of Dwelling Un	nits:		_				
Number of Parl	king Spaces: Exi	sting 21	Red	quired _	46	_ Proposed _	21	
Number of Loa	ding Spaces: Ex	isting1_	Re	quired _	1	Proposed	1	
	ince: Cut 0							
Will Developm	ent on the subject	et property	involve	any of th	ne followin	g:		
(If yes,	f special flood has application for a ay also be requir	Developn				oter 177 of th	ne North Cas	stle Town
Trees w	ith a diameter at	breast hei	ght (DBI	H) of 8"	or greater?			
(If yes,	Yes application for a ay also be requir		oval Peri	mit pursi	ıant to Cha	pter 308 of t	he North Ca	istle Town
(If yes,	egulated wetland application for a ay also be requir	Town We	Yes Yes	ermit pur	rsuant to Cl	napter 340 of	f the North (	Castle Towr
State-re	gulated wetlands	s? No <u>x</u> State Wet	Yes _ lands Per	 rmit may	also be re	auired.)		

#### Applicant Acknowledgement

By making this application, the undersigned Applicant agrees to permit Town officials and their designated representatives to conduct on-site inspections in connection with the review of this application.

The Applicant also agrees to pay all expenses for the cost of professional review services required for this application.

It is further acknowledged by the Applicant that all bills for the professional review services shall be mailed to the Applicant, unless the Town is notified in writing by the Applicant at the time of initial submission of the application that such mailings should be sent to a designated representative instead.

Signature of Applicant:

Date: 09/23/202

Signature of Property Owner:

Date:

MUST HAVE BOTH SIGNATURES

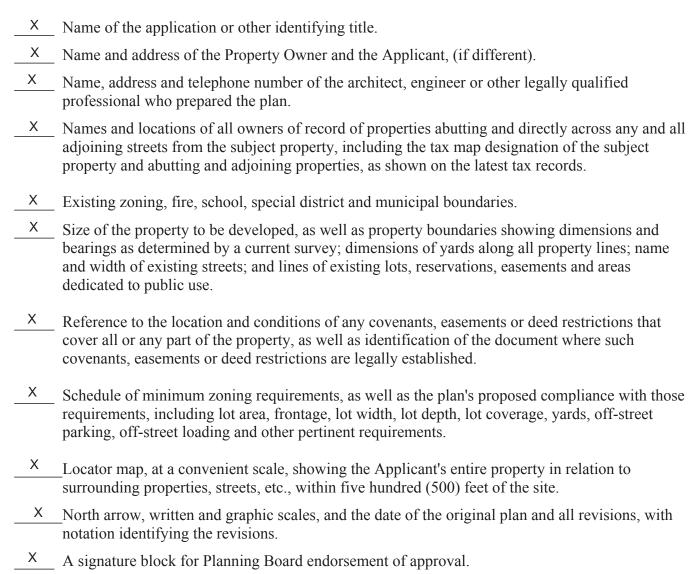
#### V. INFORMATION TO BE INCLUDED ON SITE DEVELOPMENT PLAN

The following checklist is provided to enable the Applicant to determine if he/she has provided enough information on the site development plan for the Planning Board to review his/her proposal. Applicants are advised to review ARTICLE VIII, Site Development Plan of the North Castle Town Code for a complete enumeration of pertinent requirements and standards prior to making application for site development plan approval.

The application for site development plan approval will not be accepted for Planning Board review unless all items identified below are supplied and **so indicated with a check mark in the blank line provided.** If a particular item is not relevant to the subject property or the development proposal, **the letters "NA" should be entered instead**. In addition, the project will not be scheduled on a Planning Board agenda until the Applicant receives an initialed "site plan checklist" from the Planning Department.

The information to be included on a site development plan shall include:

#### **Legal Data:**



#### **Existing Conditions Data:**

- X Location of existing use and design of buildings, identifying first floor elevation, and other structures. X Location of existing parking and truck loading areas, with access and egress drives thereto. Location of existing facilities for water supply, sanitary sewage disposal, storm water drainage, and gas and electric service, with pipe sizes, grades, rim and inverts, direction of flow, etc. indicated. X Location of all other existing site improvements, including pavement, walks, curbing, retaining walls and fences. X Location, size and design of existing signs. Location, type, direction, power and time of use of existing outdoor lighting. \* Time and use to be provided. Photometric plan previously provided. Location of existing outdoor storage, if any. Χ Existing topographical contours with a vertical interval of two (2) feet or less. (NOT necessary 10) proposed application) Χ N/A Location of existing floodplains, wetlands, slopes of 15% or greater, wooded areas, landscaped areas, single trees with a DBH of 8" or greater, rock outcrops, stone walls and any other significant existing natural or cultural features. **Proposed Development Data:** X Proposed location of lots, streets, and public areas, and property to be affected by proposed easements, deed restrictions and covenants. X Proposed location, use and architectural design of all buildings, including proposed floor
- elevations and the proposed division of buildings into units of separate occupancy.
- X Proposed means of vehicular and pedestrian access to and egress from the site onto adjacent streets
- N/A Proposed sight distance at all points of vehicular access.
- N/A Proposed number of employees for which buildings are designed
- Proposed streets, with profiles indicating grading and cross-sections showing the width of the roadway; the location and width of sidewalks; and the location and size of utility lines. \*No proposed streets but sidewalk info provided.
- Proposed location and design of any pedestrian circulation on the site and off-street parking and loading areas, including handicapped parking and ramps, and including details of construction, surface materials, pavement markings and directional signage.
- Proposed location and design of facilities for water supply, sanitary sewage disposal, storm water drainage, and gas and electric service, with pipe sizes, grades, rim and inverts, direction of flow, etc. indicated.
  - \*Drainage system, as previously approved is shown. Existing water/sewer service replacement to be detailed on subsequent submission.

X	Proposed location of all structures and other uses of land, such as walks, retaining walls, fences, designated open space and/or recreation areas and including details of design and construction.
X	Location, size and design of all proposed signs.
	Location, type, direction, power and time of use of proposed outdoor lighting.  (Photometric plan provided with previous approved application.)  Location and design of proposed outdoor garbage enclosure. * (Exists per previous Site Plan Approval)
N/A	Location of proposed outdoor storage, if any.
X	Location of proposed landscaping and buffer screening areas, including the type (scientific and common names), size and amount of plantings.
N/A	Type of power to be used for any manufacturing
X	Type of wastes or by-products to be produced and disposal method * Typical restaurant/brewery waste.
N/A	In multi-family districts, floor plans, elevations and cross sections
X	The proposed location, size, design and use of all temporary structures and storage areas to be used during the course of construction.
X	Proposed grade elevations, clearly indicating how such grades will meet existing grades of adjacent properties or the street.
X	Proposed soil erosion and sedimentation control measures.
N/A	For all proposed site development plans containing land within an area of special flood hazard, the data required to ensure compliance with Chapter 177 of the North Castle Town Code.
N/A	For all proposed site development plans involving clearing or removal of trees with a DBH of 8" or greater, the data required to ensure compliance with Chapter 308 of the North Castle Town Code.
N/A	For all proposed site development plans involving disturbance to Town-regulated wetlands, the data required to ensure compliance with Chapter 340 of the North Castle Town Code.

F:\PLAN6.0\Application Forms\2016 Full Set\Part B - Site Devel 2016.doc

## OWNER AUTHORIZATION

State of New York  NEW YORK  State of New York  Sta	
he she is the MEMBER of RLA Hold property described as 873 North Broadway, ide Town of North Castle, Westchester County, Stat Holding Company LLC (c/o Zachary Goldstein) submit any applications necessary for the purpose premises as a restaurant with brewing operations. Town of North Castle Planning Board, Architecturany other Town of North Castle boards and depathe boards and their authorized representatives enter onto the premises for the purpose of evaluations.	entified as Section 122.12, Block 4, Lot 27, in the e of New York, and that he/she authorizes 873, as contract-vendee, and its representatives, to se of obtaining approvals to adaptively reuse the s, including but not limited to applications to the ral Review Board, Zoning Board of Appeals, and artments. We further authorize the members of s, consultants, and other municipal officials to
Sworn and subscribed to before me this 30th day of AUGUST, 2021	
NOTARY PUBLIC  JESSICA BARROS  Notary Public - State of New York  No. 01BA6382670  Qualified in Suffolk County	RLA HOLDINGS LLC STEVATON TUBY A  8/30/2021  DATE

### Short Environmental Assessment Form Part 1 - Project Information

#### **Instructions for Completing**

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

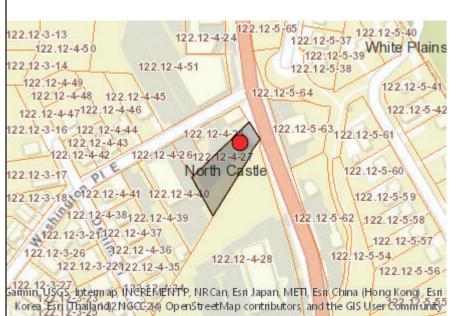
Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information						
Name of Action or Project:						
Miles, The Prince - 873 N Broadway						
Project Location (describe, and attach a location map):						
873 N Broadway, North Castle, NY 10603 (SBL: 122.12-4-27)						
Brief Description of Proposed Action:						
Applicant proposes to reuse the approximately 3,435 s/f commercial structure at 873 North Broadway in the Town of North Castle as a restaurant with accessory brewing operations and tap room. Improvements include interior renovations to accommodate restaurant space on the upper level fronting on North Broadway. The lower level is proposed to be renovated for the 10-barrel brewing operation with small tap room. The existing paved parking area in the rear will provide 21 off-street parking spaces and 1 loading space accessed from Washington Place by an easement over the adjacent property. No grading or building expansion is being proposed. The Applicant proposes to replace approximately 210 s/f of paved area along the rear of the building with pavers where a small outdoor seating area will be located. The Applicant also proposes a new landscaped sidewalk along North Broadway, raised planters, and benches for seating in the front of the property. The building exterior will be updated with a repainted facade, new branded signage, awnings, and wall sconces. The Applicant anticipates approximately 279 s/f of property along North Broadway to be subject to New York State Department of Transportation takings.						
Name of Applicant or Sponsor:	Telephone: 914 715 6922	2				
873 Holding Company, LLC	E-Mail: zegoldstein@gm	ail.com				
Address:						
5 Oak Lane						
City/PO:	State:	Zip Code:				
Larchmont	NY	10538				
<ol> <li>Does the proposed action only involve the legislative adoption of a plan, local administrative rule, or regulation?</li> <li>If Yes, attach a narrative description of the intent of the proposed action and the end.</li> </ol>		NO NO	YES			
may be affected in the municipality and proceed to Part 2. If no, continue to ques		nat 🗸				
2. Does the proposed action require a permit, approval or funding from any other		NO	YES			
If Yes, list agency(s) name and permit or approval: NYS DOT; North Castle Zoning Board	oard of Appeals; North Castle		<b>√</b>			
a. Total acreage of the site of the proposed action?     b. Total acreage to be physically disturbed?     c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?	0.39 acres 0 acres 0.39 acres*	,	•			
4. Check all land uses that occur on, are adjoining or near the proposed action:						
	al 🔽 Residential (subu	rban)				
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Spec		•				
Parkland						

<sup>\*</sup> Applicant is contract-vendee with written authorization to submit this application and access the property. Closing is contingent upon approvals.

5.	Is the proposed action,	NO	YES	N/A
	a. A permitted use under the zoning regulations?		<b>√</b>	
	b. Consistent with the adopted comprehensive plan?		<b>√</b>	
6.	Is the proposed action consistent with the predominant character of the existing built or natural landscape?		NO	YES
0.	is the proposed action consistent with the predominant character of the existing built of natural fandscape:			<b>✓</b>
7.	Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?  Name:Watershed Properties, Reason:Exceptional or unique character, Agency:Westchester County, Date:1	-31-	NO	YES
If Y	Yes, identify: 90			<b>✓</b>
			NO	YES
8.	a. Will the proposed action result in a substantial increase in traffic above present levels?		<b>✓</b>	
	b. Are public transportation services available at or near the site of the proposed action?			<b>√</b>
	c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?			<b>√</b>
9.	Does the proposed action meet or exceed the state energy code requirements?		NO	YES
If th	ne proposed action will exceed requirements, describe design features and technologies:			<b>✓</b>
10.	Will the proposed action connect to an existing public/private water supply?		NO	YES
	If No, describe method for providing potable water:			<b>✓</b>
11.	Will the proposed action connect to existing wastewater utilities?		NO	YES
	If No, describe method for providing wastewater treatment:			<b>✓</b>
	a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district	<u> </u>	NO	YES
Con	ich is listed on the National or State Register of Historic Places, or that has been determined by the immissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the te Register of Historic Places?		<b>✓</b>	
	b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for naeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?			<b>✓</b>
13.	a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?		NO 🗸	YES
	b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?		<b>✓</b>	
If Y	Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:			

14 Identify the trained belief the group of the formal of the group of the Check of the combination		
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:		
Shoreline Forest Agricultural/grasslands Early mid-successional		
☐ Wetland ☑ Urban ☑ Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or	NO	YES
Federal government as threatened or endangered?		
	$\checkmark$	
16. Is the project site located in the 100-year flood plan?	NO	YES
	$\checkmark$	
17. Will the proposed action create storm water discharge, either from point or non-point sources?	NO	YES
If Yes,	<b>✓</b>	
a. Will storm water discharges flow to adjacent properties?	<b>✓</b>	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe:	<b>✓</b>	
18. Does the proposed action include construction or other activities that would result in the impoundment of water	NO	YES
or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment:		
11 Tes, explain the purpose and size of the impoundment.	<b>✓</b>	
19. [Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste	NO	YES
management facility?		
If Yes, describe:		
	$  \checkmark  $	Ш
		-
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	NO	YES
If Yes, describe:		
	$\checkmark$	
·		
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BE	ST OF	
MY KNOWLEDGE		
Applicant/sponsor/name: 873 Holding Company LLC (Zachary Goldstein)  Date: 09/27/2021		
Signature Title: Principal		



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



Part 1 / Question 7 [Critical Environmental Area]	Yes
Part 1 / Question 7 [Critical Environmental Area - Identify]	Name:Watershed Properties, Reason:Exceptional or unique character, Agency:Westchester County, Date:1-31-90
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	No
Part 1 / Question 12b [Archeological Sites]	Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	No
Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No





An upscale restaurant with a small taproom and on-site brewing operation that will change the perception of beer by pairing chef-driven food, thoughtful design and on-site brewed beer. Executing these elements together creates an experience for guests that does not currently exist in such a cohesive way.







# Zach Goldstein

A dynamic hospitality professional well-versed in all aspects of restaurant management and brewing operations

Assistant General Manager - abc cocina by Jean-Georges
Beverage Coordinator and Manager - abc kitchen, abcV, abc cocina by Jean-Georges
Floor Manager - Threes Brewing
Restaurant Manager - Birreria at Eataly
Brewer - Mother Earth Brew Co.
Brewer - Stone Brewing Co.

Entrepreneurship and Emerging Enterprises - Syracuse University
British Brewing Technology Diploma - Brewlab (Graduated with Merit)
Restaurant and Culinary Management Diploma - Institute of Culinary Education (Top Student Award)

# The Concept

Beer has long been considered a "lesser" beverage and accompanied by simple food and loose service standards. We will challenge the perception of where beer belongs during a night out and elevate the guests understanding of this beverage. Our farmhouse style, chef-driven food menu is complex and executed with fine dining standards while being paired with service that remains warm and casual. The beers we will brew on-site are mainly focused on the "farmhouse" category (Saison, Bièr de Garde, Sahti, etc.) but we will not limit ourselves as long as there is harmony between food and beer.

The décor will match our service and beer style by being simple, yet welcoming with a finer attention to detail. The brewery and taproom will be located below the full service restaurant and the guest will be be able to seamlessly move through the concepts. The menu upstairs will be a set price seasonally rotating tasting menu which will continue to explore the relationship between food and beer in an intimate atmosphere.

We are a place where both food and beer lovers can have their expectations exceeded by what is meant by a "brewpub" experience.



















# 873 North Broadway

Miles, The Prince had identified a unique space within the town of North Castle that meets a variety of requirements. Although we plan on becoming a destination and welcoming guests from across Westchester County, we believe this space will allow us to become a neighborhood favorite.

This location is a good fit both demographically because our concept aims to attract young, working professionals and geographically because we are centrally located in Westchester County and easily accessible.

The building lends itself well to a split level concept where the bottom floor can be used for brewing operations with a small, casual taproom and retail component. The top level can easily exist as the fine dining, full sit down version of the brewery below it.









thank you

GENERAL NOTES FOR ACCESSIBLE ROUTES ON THE SITE:

- Accessible routes on the site include marked accessible parking spaces and access alsies, sidewalk curb ramps, walkways and ramps.
- Marked accessible parking spaces and access alsles shall have surface slopes not steeper than 1:50. (2%)
- 3. Sidewalk curb ramps shall comply with the following items as applicable:
  a. Working surfaces of sidewalk curb ramps shall be stable, firm and slip resistant.
  B. The running slope shall not exceed 1:26 (25%).
  C. The cross slope shall not exceed 1:50 (25%).
  D. Landings and blended transitions shall be constructed to prevent the accumulation of

- writer. 

  " there provides also forms for ourb ramps shall not be attempt from 1:10 (1000), confidence of the confidence
- Nilskeys drop on coesable route and comply with to folialize jitters as applicable:

  a. Nikskeys and on coesable route and comply with the folialize jitters as applicable:

  b. Werfood reapers i level drop exhibits justice and not exceed 1/4°. Changes in level
  of the complex control of the control of the control of the control
  of the control of the control of the control of the control of the control
  of the running stage of the existing surfaces shall not be steemer from 1:7° and

- steeper than 1:2.

  The running stope of the wolking surfaces shall not be steeper than 1:20 (5%).

  The cross stope of a wolking surface shall not be steeper than 1:20 (5%).

  The clear with of an occessible route shall be 35° ministum.

  An occessible route with a clear width less than 60 inches shall provide passing spaces and the shall be 40° lath minimum by 60° lath minimum by 60° lath minimum by 60° lath minimum.

- maintain.

  Second storage on accessible routs shall comply with the following items:

  a. Renge using an accessible routs shall comply with the following items:

  a. Renge using shall have a numbry slipe greater than 120 (36) and not steeper than 1:12.

  B. The cross storage of origin pure shall not excess (150 (25) and shall be state), firm and slip.

  C. resident, from any state of accessible shall shall be state. From and slip.

  D. Render and the state of the state of the indeed shall be stated or as followed and accessible shall be stated on the state shall be stated or stated and accessible shall be stated on the state shall be stated on the state of the stat

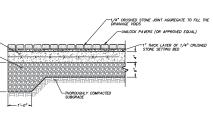
- minimum.

  N. Adjocent finished grades along sides of ramp shall not have a vertical dropoff of 1/2" within 10" of the edge of the concrete.

  N. Refer to concrete handlage aroung detail for additional information.

#### NYSDOT DETAILS REFERENCE:

Refer to the NYSDOT Standard Specifications and Sheets for the following details: A. Concrete Curb (W=150) NYSDOT #609.0401
 Concrete asidewik NYSDOT IHM 608.0101



NOTES:
1. PAVER COLOR TO BE AS APPROVED BY OWNER.

JOINT AGGREGATE COLOR TO BE COORDINATED WITH PAYER COLOR.

PAVERS DETAIL

# TOWN OF CITY OF WHITE NORTH CASTLE | SITE

OWNER: RLA HOLDINGS LLC 800 CENTRAL PARK AVENUE, SUITE 201 SCARSDALE, NY 10583

SITE DATA: CB (Central Business)
Fire District: North White Plains FD
School District: Valhalla School District
Total Acreage
Tax Map Nos: 122.12-4-27

APPLICANT: 873 HOLDING COMPANY LLC 5 OAK LANE LARCHMONT, NY 10538 PROJECT ARCHITECT: MD CHAPMAN ARCHITECTS 1200 5TH AVE, SUITE 14N NEW YORK, NY 10029 212-675-5207

PROJECT SURVEYOR: DONAL A. O'BUCKLEY 167-17 45TH AVENUE FLUSHING, NY 11358 718-335-8114

#### GENERAL NOTES:

- Existing conditions and property boundary taken from survey prepared by Donal A. O'Buckley, Professional Land Surveyor, dated July 23, 2021.
- Existing remnants from concrete sidewalk taken from survey prepared by the Munson Company, dated March 28, 2005 and revised April 14, 2005.
- 3. Two (2) knock boxes will be installed on the property.
- Noted area is the approximate location of existing asphalt to be removed and replaced for ADA accessibility. Contractor shall verify final limit in field.
- All existing utilities shown hereon are approximate and based on existing utility mark out/information provided by owner. The existing utilities are not survey located.

#### GENERAL SITE SEEDING NOTES:

- All proposed seeded areas to receive 4" min. depth of topsoil. Soil amendments and fertilizer application rates shall be determined based on specific testing of topsoil material.
- 2. Upon find grading and placement of tapsoil and any required and amendments, areas is recently as the second of the second

	CB ZONING R	EQUIREMENTS:	
	Required/Permitted:	Currently Provided:	Provided after Road Taking:
Lot Size:	5,000 SF	16,959 / 0.39 AC	16,680 / 0.38 AC
Frontage:	50"	53.2"	59.7'
Lot Depth:	100*	218'	212'
Front Yard:	10"	25.6"	14.6"
Side Yard:	0*1	2.5' / 10.1'	2.5' / 10.1'
Rear:	30"	127.5"	127.5"
Building Coverage:	35%	10%	10%
Building Height:	30'	< 30"	< 30'
FAR	0.4	0.2	0,2

No abutment on residential district, otherwise equal to residential requirement

		Required	Provided
1)	Restaurants and Cafeterias 1 Space / 75 SF X 3,435 SF **	46 Spaces	
	TOTAL SPACES	46 Spaces	21 Spaces

- \* The applicant is seeking a variance for total parking spaces from the ZBA, or will seek a Pinaning Board valvier in Offsite parking can be secured.

  \*\*Outlook seeking oness are not counted in the XJAS square feet above.

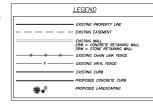
  \*\*\* Thanking shall be the profite of I space per ZS at or I space per Z should be about the CAS of the CAS

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

#### GENERAL PLANTING NOTES:

- All proposed planting beds to receive a 12" min. depth of topsoli. Proposed planters shall be provided with depth of topsoli per manufacture's recommendations. Soli amendments and fertilizer application rates shall be determined based on specific testing of topsoli material.
- Any new soils added will be amended as required by results of soil testing and placed using a method that will not cause compaction.
- 3. All plant material to be nursery grown.
- Plants shall conform with ANSI Z60.1 American Standard for Nursery Stock in all ways including dimensions.
- 5. Plant material shall be taken from healthy nursery stock.
- All plants shall be grown under climate conditions similar to those in the locality of the project.
- Plants shall be planted in all locations designed on the plan or as staked in the field by the Landscape Architect.
- The location and layout of landscape plants shown on the site plan shall take precedence in any discrepancies between the quantities of plants shown on the plans and the quantity of plants in the Plant List. Provide a  $3^{\circ}$  layer of shredded pine bark mulch (or as specified) over entire watering soucer at all tree pits or over entire planting bed. Do not place mulch within  $3^{\circ}$  of tree or shrub tranks.
- 10. All landscape plantings shall be maintoined in a healthy condition at all times. Any dead or diseased plants shall immediately be replaced "in kind" by the contractor (during warranty period) or project owner.

	PLANT LIST					
KEY	QTY	BOTANICAL/COMMON NAME	SIZE	ROOT		
BS JS LM TO	7 12 28 3	Buxus sempervirens 'Variegata' / Varigated English Boxwood Juniperus squamata' Biue Star' / Biue Star Juniper Liriope Muscari 'Big Biue' / Big Biue Liliytur' Thuja occidentalis 'liigar' / Nigra Arboritae	18" - 24" HT. 18" - 24" HT. gt CONT 5-6" HT	#3 CONT. #3 CONT. 15" O.C. B&B		



G BOARD RESOLUTION, DATED:X/XX/X
DATE:
RESOLUTION:
DATE:

GRAPHIC SCALE



NO.	DATE	REVISION		BY
4		INSITE ENGINEERING, SURVEYING & ANDSCAPE ARCHITECTURE, P.C.	3 Garrett Place Carmel, NY 10512 (845) 225–9690 (845) 225–9717 f www.insite-eng.com	gx 9

873 HOLDING COMPANY LLC 873 NORTH BROADWAY, NORTH CASTLE, WESTCHESTER CO., NEW YOR DRAWING:

LAYOUT & LANDSCAPE PLAN

PROJECT NUMBER	18198.101	PROJECT MANAGER	R.D.W.	
DATE	9-27-21	DRAWN BY	M.E.U.	
SCALE	1" = 20"	CHECKED BY	K.M.G.	

MOT TO SCALE

TASD-C1\_DETAIL

#### EROSION & SEDIMENT CONTROL NOTES:

- The owner's field representative (O.F.R.) will be responsible for the implementation and maintenance of erosion and sediment control measures on this site prior to and during construction.

- Men and is exposed using development, the exposed using development, the spaceure shall be kept to the shortest practical period of time. In the once where soil disturbance activity has must be hitchest practical period of time. In the once where soil disturbance activity must be hitchest by the end of the next bushess day and completed within fourteen (14) doys from the date the current soil disturbance activity ceased. Disturbance shall be minimized to the orease required to perform construction.
- Silt fence shall be installed as shown on the plans prior to beginning any clearing, grubbling or earthwork.
- All topsoil to be stripped from the area being developed shall be stockpiled and immediately seeded for temporary stobilization. Pregrass (annual or perennial) at a rate of 30 lbs. per acre shall be used for temporary seeding in spring, summer or early fall. Viristock Whater Ripe (cereal rye) shall be used for temporary seeding in late fall and without.
- seeding in late fail and white: In the Line of the company of the late of the company of the late of t
- Cut or fill slopes steeper than 2:1 shall be stabilized immediately after grading with Curlex I Single Net Erosion Control Blanket, or approved equal.
- 12. Paved roadways shall be kept clean at all times.
- 13. The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
- All storm drainage outlets shall be stabilized, as required, before the discharge points become operational.

- Dust shall be controlled by sprinkling or other approved methods as necessar directed by the O.F.R.
- Cut and fill's shall not endanger adjoining property, nor divert water onto the property of others.
- All fills shall be placed and compacted in 6" lifts to provide stability of material and to prevent settlement.

- Erosion and sediment control measures shall remain in place until all disturbed areas are suitably stabilized.

	1101110
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	EXISTING WALL  CRW = CONCRETE RETAINING WALL  SRW = STONE RETAINING WALL
	EXISTING CHAIN LINK FENCE
x	EXISTING WAYL FENCE
	EXISTING CURB
	EXISTING OVERHEAD WIRES
—	EXISTING 10" CONTOUR
	EXISTING 2' CONTOUR
	EXISTING UNDERGROUND DRAINAGE PIPE
s	EXISTING UNDERGROUND SEWER MAIN
ss	EXISTING UNDERGROUND SEWER SERVICE
w	EXISTING UNDERGROUND WATER MAIN
ws	EXISTING UNDERGROUND WATER SERVICE
CB CB	EXISTING CATCH BASIN
0	EXISTING DRAINAGE MANHOLE
<b>*</b>	EXISTING LIGHT POLE
•	EXISTING GAS VALVE
	PROPOSED CONCRETE CURB
	PROPOSED 1' CONTOUR
265	PROPOSED 5' CONTOUR
*MEG	MEET EXISTING GRADE
*283.8 * TC 282.1 *TW 274.0 BC 281.6 BW 268.0	PROPOSED SPOT GRADE
	PROPOSED LIMITS OF DISTURBANCE

— SF — SF — PROPOSED SILT FENCE

LEGEND

APPROVED BY TOWN OF NORTH CASTLE PLANNING BOARD RESOLUTION, DATED X/XX/XX CHRISTOPHER CARTHY, CHARMAN, TOWN OF NORTH CASTLE PLANNING BOARD

ENGINEERING PLANS REVIEWED FOR CONFORMANCE TO RESOLUTION:

JOSEPH M. CERMELE, PE KELLARD SESSIONS CONSULTING CONSULTING TOWN ENGINEERS

INSITE
ENGINEERING, SURVEYING &

PROJEC NUMBE DATE

SCALE

873 HOLDING COMPANY LLC

873 NORTH BROADWAY, NORTH CASTLE, WESTCHESTER CO., NEW YORK DRAWNG:

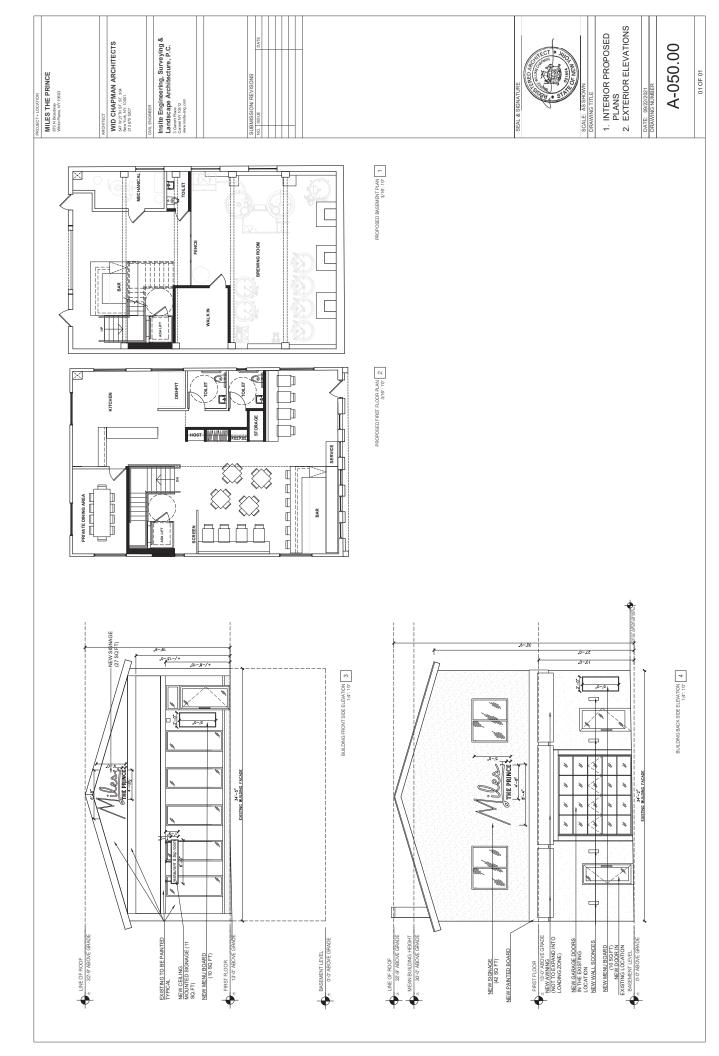
GRADING & UTILITIES PLAN

				1
CT R	18198.101	PROJECT MANAGER	R.D.W.	DRAWING NO.
	9-27-21	DRAWN BY	M.E.U.	SP - 2
	1" = 20"	CHECKED BY	K.M.G.	O, 2

GRAPHIC SCALE

( IN FEET ) 1 inch = 20 ft.

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARRICLE 145 OF THE EDUCATION LAW.

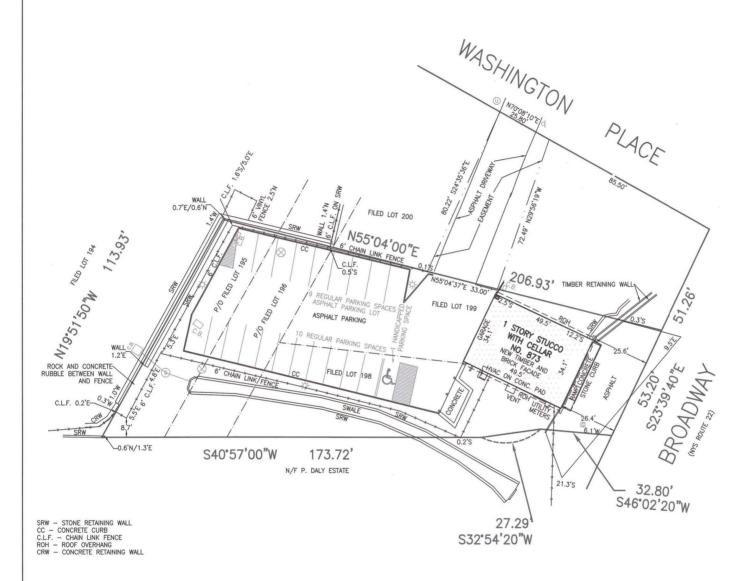






## **EXHIBIT 7**





IOTES:

THIS SURVEY WAS DONE FOR TITLEVEST AGENCY, LLC AND IS INTENDED TO BE USED FOR TITLE PURPOSES ONLY.

NO GUARANTEE IS IMPLIED BY THIS MAP AS TO THE DISTENCE OF NONEXISTENCE OF ANY EASEMENTS OF RECORD THAT WOULD AFFECT SUBJECT PROPERTY, UNLESS SURVEYOR HAS BEEN FURNISHED WITH A COMPLETE COPY OF TITLE REPORT.

THIS MAP WAS MADE AT A SCALE OF 1" = 20" WHEN DRIGINALLY DRAWN
PROPERTY COMPREN MOVALUESTS WERE NOT PLACED AS PART OF THIS SURVEY.

IT IS A WOLATION OF THE STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR TO AJER AN ITEM IN ANY WAY.

IT IS A WOLATION OF THE STATE EDUCATION LAW FOR ANY PERSON, UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR TO AJER AN ITEM IN ANY WAY.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITHIN AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

THIS SURVEY IS NOT INTENDED TO BE USED FOR NEW CONSTRUCTION.

THE PREMISES IS SHOWN ON THE FEMA FLOOD FIRM MAP NUMBER 3611900267F, EFFECTIVE ON 09/28/2007. SAID MAP SHOWS THAT THE PROPERTY IS IN ZONE X WHICH IS AN AREA DETERMINED TO BE UNITS THE O.2% ANNUAL CHANCE FLOODPLAIN.

#### DATE SURVEYED: JULY 23, 2021 ALL COUNTY LAND SURVEYOR PC

DONAL A. O'BUCKLEY
167-17 45TH AVENUE
FLUSHING, NY 11358
TEL. 718-358-8114
FAX. 718-353-0938
EMAIL: DOBUCKLEY@ACLSNY.COM



CERTIFIED TO:

TITLEVEST AGENCY, LLC STEWART TITLE INSURANCE COMPANY 873 HOLDING COMPANY LLC

SECTION 122.12 BLOCK 4 LOT 27

TOWN OF NORTH CASTLE COUNTY OF WESTCHESTER

TITLE No. TWE811936 STATE OF NEW YORK

## **EXHIBIT 8**



## STORMWATER POLLUTION PREVENTION PLAN ADDENDUM

For

# 873 HOLDING COMPANY LLC PREVIOUSLY APPROVED UNDER GDC EQUITIES, LLC

873 North Broadway Town of North Castle Tax Map Numbers 122.12-4-27

**September 27, 2021** 

The site is located at 873 North Broadway in the Town of North Castle. The site is approximately 0.39 acres and is designated as Tax Map 122.12-4-27. In the fall of 2019, the Town of North Castle Planning Board approved a site plan for the Greener Dry Cleaner. 873 Holding Company LLC is seeking to redevelop the site into a restaurant with accessory brewery and tap room.

A Stormwater Pollution Prevention plan was prepared for the previous application which addressed the previously approved impervious surfaces and offsite runoff passing through the site. A copy of the previously approved SWPPP is attached to this Addendum. All previously approved stormwater improvements were constructed. These improvements include stormwater planters in front of the building and a stormwater pipe detention system under the parking lot along the western property line in the back.

This application is proposing to renovate the dry cleaner into a restaurant with a brewery and tap room as accessory uses. The proposed renovation will result in no increase in impervious cover on the site. There will be additional planters installed for screening and landscaping beyond what was originally approved. It should be noted that planters are considered a Green Infrastructure Practice under the *New York State Stormwater Management Design Manual*.

The original project was defined as a *land development activity* pursuant to *Chapter 267*, *Stormwater Management* of the Town of North Castle Town Code. Since the project was a *land development activity* under Town Code and was disturbing less than one acre the project was required to provide Erosion and Sediment Controls only. The project was not subject to coverage under the *NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities* (General Permit), or required to provide post-construction stormwater management practices (SMP's). However, at the request Consulting Town Engineer a Stormwater Pollution Prevention Plan (SWPPP) had been prepared that provided the required erosion and sediment controls, as well as provided a post-construction stormwater management practice designed to attenuate the peak flows from the 25-year storm event.

As previously stated, the proposed renovations to the site will result in no increase in impervious cover. The site generally will remain the same with the exception of additional planters being added to the front of the building, and a small portion of asphalt in the rear of the building being reconstructed with pavers. As there is no material change in site imperviousness and the additional planters being added result in a benefit to stormwater treatment, the modeling contained in the previous Stormwater Pollution Prevention Plan (attached) remains unchanged.



### STORMWATER POLLUTION PREVENTION PLAN

Prepared For GDC EQUITIES, LLC 873 North Broadway Town of North Castle March 11, 2019

### **Owner Information:**

GDC Equities, LLC 800 Central Park Avenue, Suite 201 Scarsdale, New York 10583

#### **Contractor Information:**

To Be Determined



NOTE: This report in conjunction with the project plans prepared by others make up the complete Stormwater Pollution Prevention Plan.

Prepared by: Insite Engineering, Surveying & Landscape Architecture, P.C. 3 Garrett Place Carmel, New York 10512

## **CONTENTS**

1.0	PAGI INTRODUCTION1	_
	1.1 Project Description	
	1.2 Existing Site Conditions	
	1.3 Proposed Site Conditions	
2.0	STORMWATER MANAGEMENT1	
3.0	EROSION AND SEDIMENT CONTROL2	
	3.1 Long Term Maintenance	

#### **APPENDICES**

Appendix A Pre-development Computer Data Appendix B Post-development Computer Data

Appendix C Swale Calculations

#### **FIGURES**

Figure 1: Location Map

Figure 2: Pre-development Drainage Map Figure 3: Post-development Drainage Map Figure 4: Swale Contributing Area Map

#### 1.0 INTRODUCTION

#### 1.1 Project Description

The site is located at 873 North Broadway in the Town of North Castle. The site is approximately 0.39 acres and is designated as Tax Map 122.12-4-27. The property currently contains a vacant 2 story building, with front and rear parking. The property is proposed to be redeveloped, with building and site improvements proposed.

The project site is located in the Upper Bronx River Watershed. In total less than one acre and more than 5,000 square feet of site disturbance is proposed. As such the proposed project is defined as a *land development activity* pursuant to *Chapter 267, Stormwater Management* of the Town of North Castle Town Code. Since the project is a *land development activity* under Town Code and is disturbing less than one acre this project is required to provide Erosion and Sediment Controls only, but not subject to the *NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities* (General Permit), or required to provide post-construction stormwater management practices (SMP's).

At the request Consulting Town Engineer a Stormwater Pollution Prevention Plan (SWPPP) has been prepared that will provide the required erosion and sediment controls, as well as provide a post-construction stormwater management practice designed to attenuate the peak flows from the 25-year storm event.

In addition, this report will also address the removal of a recently installed pipe and reestablishment of an existing swale along the southern property line.

#### 1.2 Existing Site Conditions

The majority of the existing stormwater runoff for the project site runs from east to west across the property. It drains from the structure and adjoining grass area on property across the parking lot and then off site to a ditch off the south corner of the site. The ditch also received runoff from the collection and conveyance system along North Broadway. Currently there is no stormwater treatment practices in place. Soil types onsite are identified as Uf, Urban Land.

A pipe was recently installed on the subject property replacing an existing swale along the southern property line. As part of the proposed improvements the pipe will be removed and the swale re-established. Calculations for the swale sizing have been attached herewith.

#### 1.3 Proposed Site Conditions

The subject project proposes the re-development of the existing site and structure. Improvements proposed consist of building façade improvements, paving the existing item 4 parking lot, formalizing the refuse enclosure area, installation of fencing, and construction of a stormwater pipe detention system.

This report will provide post-construction stormwater management controls throughout the site including stormwater planter in front of the building and a stormwater pipe detention system under the parking lot along the western property line.

This report also provides sizing calculations for the existing swale to be re-established along the southern property line.

#### 2.0 STORMWATER MANAGEMENT

Since this project is disturbing more than 5,000 s.f. the project is subject to *Chapter 267 Stormwater Management* but not the General Permit. As noted above, this means the project is only required to provide erosion and sediment controls. However, at the request of the Consulting Town Engineer, and consistent with North Castle Policy a stormwater management practice has been provided. A stormwater pipe detention system is being provided to result in a net benefit in stormwater quality as a result of the sites redevelopment.

The Town of North Castle requires storage to attenuate the post-development 25-year, 24-hour peak discharge to pre-development rates.

The pre- versus post-development analysis is contained in Appendix A and B, and compares the pre- versus post-development peak flows at Design Point 1.

An underground pipe detention system has been provided upstream of Design Point 1 to attenuate peak flows from the project.

Contained in Appendix C are sizing calculations for the swale that flows east to west along the southern property line. The existing swale was recently replaced with a pipe. It is proposed to remove the recently installed pipe and re-establish the swale. The restored swale will convey runoff from offsite properties through our property and connect to a headwall approved and installed by others as part of 11 Washington Place East improvements. This report addresses the design of the swale only, which had been sized for the 25-year storm. The downstream collection systems including the headwall installed by 11 Washington Place East are limited in capacity by the downstream piping. While the swale has been sized for the 25-year storm, the downstream collection system, including the provision of the headwall was designed by others. It is our understanding this downstream system on 11 Washington Place East is being upgraded as part of that site plan approval, but may not have been designed to collect and convey the 25-year design storm. That is because the collection system downstream of 11 Washington Place East may limit the overall capacity of the entire system. This report re-establishes the capacity of the existing onsite swale. This report also shows that for the 25-year storm, the peak flows from the 873 North Broadway site have been mitigated to pre-development rates prior to discharging into the downstream collection system.

A summary of the pre-development versus post-development peak flows are provided in the Table below:

24-HOUR DESIGN STORM PEAK FLOWS (c.f.s.)						
	25-YEAR					
	Pre	Post				
Design Point 1	1.9	1.9				

Table 2.5.1 Pre-and Post-Development Peak Flows at Design Point 1

#### 3.0 EROSION AND SEDIMENT CONTROL

Erosion and sediment control will be accomplished by three basic principles: containment of sediment, treatment of dirty water, and stabilization of disturbed areas. As the area to be redeveloped consist of impervious areas, minimal erosion and sediment control is required through construction. Erosion and sediment control notes have been provided on the drawings and silt fence will be provided where necessary.

In addition to the proposed erosion and sediment control facilities, the following good housekeeping best management practices shall be implemented to mitigate potential pollution during the construction phase of the project. The general contractor overseeing the day-to-day site operation shall be responsible for the good housekeeping best management practices included in the following general categories:

- Material Handling and Waste Management
- Establishment of Building Material Staging Areas
- Establishment of Washout Areas
- Proper Equipment Fueling and Maintenance Practices

#### Spill Prevention and Control Plan

All construction waste materials shall be collected and removed from the site regularly by the general contractor. The general contractor shall supply waste barrels for proper disposal of waste materials. All personnel working on the site shall be instructed of the proper procedures for construction waste disposal.

Although it is not anticipated any hazardous waste materials will be utilized during construction, any hazardous waste materials shall be disposed of in accordance with federal, state, and local regulations. No hazardous waste shall be disposed of on-site. Hazardous waste materials shall be stored in appropriate and clearly marked containers and segregated from the other non-waste materials. All hazardous waste shall be stored in a structurally sound and sealed shipping containers located in the staging areas. Material safety data sheets, material inventory, and emergency contact numbers will be maintained in the office trailer. All personnel working on the site shall be instructed of the proper procedures for hazardous waste disposal.

Temporary sanitary facilities (portable toilets) shall be provided on site during the entire length of construction. The sanitary facilities shall be located in an alternate area away from the construction activities on the site. The portable toilets shall be inspected weekly for evidence of leaking holding tanks.

All recyclables, including wood pallets, cardboard boxes, and all other recyclable construction scraps shall be disposed of in a designated recycling barrel provided by the contractor and removed from the site regularly. All personnel working on the site shall be instructed of the proper procedures for construction waste recycling.

All construction equipment and maintenance materials shall be stored in a designated area. Silt fence shall be installed down gradient of the construction area. The existing building shall be utilized to store hand tools, small parts, and other construction materials, not taken off site daily. Construction waste barrels, recycling barrels and if necessary hazardous waste containers shall be located within the limits of the construction area.

Throughout the construction of the project, several types of vehicles and equipment will be used onsite. Fueling of the equipment shall occur within the limits of the construction staging area. Fuel will be delivered to the site as needed, by the general contractor, or a party chosen by the general contractor. Only minor vehicle equipment maintenance shall occur on-site, all major maintenance shall be performed off-site. All equipment fluids generated from minor maintenance activities shall be disposed of into designated drums and stored in accordance with the hazardous waste storage as previously discussed.

Vehicles and equipment shall be inspected on each day of use. Any leak discovered shall be repaired immediately. All leaking equipment unable to be repaired shall be removed from the site. Ample supplies of absorbent, spill-cleanup materials, and spill kits shall be located in the construction staging area. All spills shall be cleaned up immediately upon discovery. Spent absorbent materials and rags shall be hauled off-site immediately after the spill is cleaned for disposal at a local landfill. All personnel working on the site shall be instructed of the proper procedures for spill prevention and control.

### 3.1 Long Term Maintenance

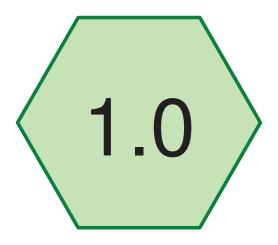
The stormwater facilities for the subject project consist of an underground stormwater pipe detention system. This section discusses the maintenance requirements to insure long term performance of the stormwater facilities.

The owner will be responsible for the maintenance of all the stormwater facilities.

The underground stormwater pipe detention system and outlet structures should be inspected after major storm events and semi-annually. During the inspections, the following should be checked, evidence of clogging of outlet structure, draindown after storm events is occurring, and accumulation of sediment around the outlet structure. In addition to guidelines discussed above all maintenance requirements outlined in the Design Manual shall be followed.

## **APPENDIX A**

**Pre-Development Computer Data** 











Routing Diagram for GDC Equities - Pre Development
Prepared by {enter your company name here}, Printed 2/8/2019
HydroCAD® 10.00-15 s/n 00891 © 2015 HydroCAD Software Solutions LLC

Prepared by {enter your company name here}

Printed 2/8/2019

HydroCAD® 10.00-15 s/n 00891 © 2015 HydroCAD Software Solutions LLC

Page 2

## **Summary for Subcatchment 1.0:**

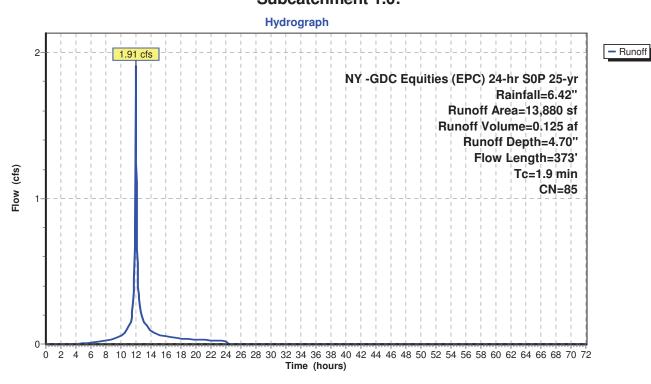
Runoff = 1.91 cfs @ 11.99 hrs, Volume= 0.125 af, Depth= 4.70"

..... - op...

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs NY -GDC Equities (EPC) 24-hr S0P 25-yr Rainfall=6.42"

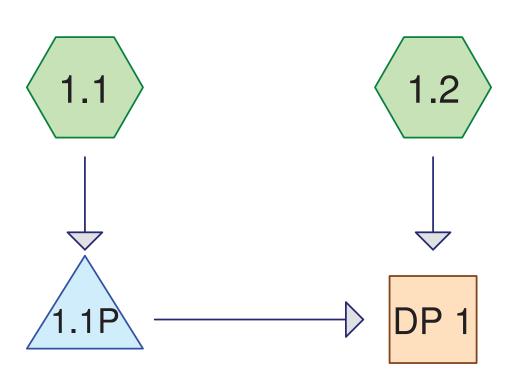
	Α	rea (sf)	CN D	escription		
*		6,930		mpervious		
_		6,950		Voods, Fai	r, HSG C	
		13,880	85 V	Veighted A	verage	
		6,950	5	0.07% Per	vious Area	
		6,930	4	9.93% Imp	ervious Are	ea
	Tc	Length	Slope	Velocity	Capacity	Description
	(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
	0.8	100	0.0450	1.97		Sheet Flow, Paved
						Smooth surfaces n= 0.011 P2= 3.44"
	0.3	75	0.0330	3.69		Shallow Concentrated Flow, Paved
						Paved Kv= 20.3 fps
	0.5	62	0.1610	2.01		Shallow Concentrated Flow, Woods
		-				Woodland Kv= 5.0 fps
	0.3	136	0.0660	8.47	32.18	•
	3.0	.00	2.2000	0	320	Area= 3.8 sf Perim= 9.2' r= 0.41'
						n= 0.025 Earth, clean & winding
_	1.0	272	Total			11- 0.020 Earth, oldan a winding
	1.9	373	Total			

### **Subcatchment 1.0:**



## **APPENDIX B**

**Post-Development Computer Data** 



**Underground Pipe Detention System** 









**GDC Equities - Post Development**NY -GDC Equities (EPC) 24-hr S0P 25-yr Rainfall=6.42"

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## **Summary for Subcatchment 1.1:**

Runoff = 3.47 cfs @ 11.99 hrs, Volume= 0.234 af, Depth= 5.26"

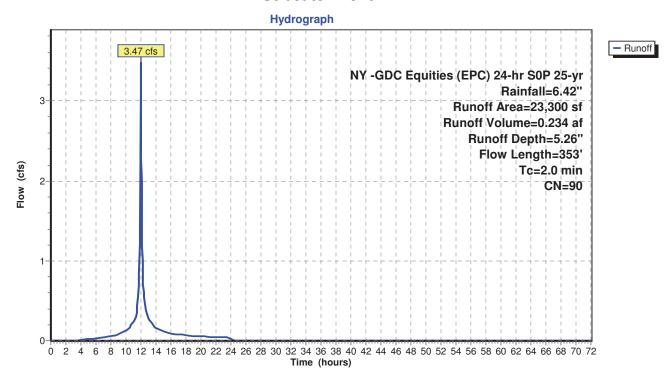
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs NY -GDC Equities (EPC) 24-hr S0P 25-yr Rainfall=6.42"

	Α	rea (sf)	CN I	Description						
*		6,800	98 I	Impervious						
		6,950	73	woods, Fair, HSG C						
		1,020	79 !	50-75% Gra	ass cover, I	Fair, HSG C				
		130		, ,	ed area, HS					
		7,540			ing, HSG C					
_		860	98 I	Roofs, HSC	G C					
		23,300	90 \	Neighted A	verage					
		8,100			vious Area					
		15,200	(	65.24% lmp	pervious Ar	ea				
	_		01			B 14				
	Tc	Length	Slope	•	Capacity	Description				
_	(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)					
	8.0	100	0.0450	1.97		Sheet Flow, Paved				
						Smooth surfaces n= 0.011 P2= 3.44"				
	0.4	78	0.0320	3.63		Shallow Concentrated Flow, Paved				
				7.00		Paved Kv= 20.3 fps				
	0.1	38	0.2370	7.30		Shallow Concentrated Flow, Woods				
	0.7	407	0.0000	0.40		Grassed Waterway Kv= 15.0 fps				
	0.7	137	0.0290	3.46		Shallow Concentrated Flow, Parking Lot				
_						Paved Kv= 20.3 fps				
	2.0	353	Total							

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### **Subcatchment 1.1:**



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Page 4

## **Summary for Subcatchment 1.2:**

Runoff = 0.07 cfs @ 12.08 hrs, Volume= 0.006 af, Depth= 3.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs NY -GDC Equities (EPC) 24-hr S0P 25-yr Rainfall=6.42"

	Ar	ea (sf)	CN	Description				
		890	73	Woods, F	air, HSG C			
890 100.00% Pervious Area						a		
(mi		Length (feet)	Slop (ft/f		, , ,	Description		
8	3.3	84	0.137	0 0.1	7	Sheet Flow, Paved Woods: Light underbrush	n= 0.400	P2= 3.44"

## Subcatchment 1.2:

#### Hydrograph 0.08 Runoff 0.075 0.07 cfs 0.07 NY -GDC Equities (EPC) 24-hr S0P 25-yr 0.065 Rainfall=6.42" Runoff Area=890 sf 0.06 Runoff Volume=0.006 af 0.055 Runoff Depth=3.44" 0.05 Flow Length=84' 0.045 Slope=0.1370 '/' Tc=8.3 min 0.04 CN=73 0.035 0.03 0.025 0.02 0.015 0.01 0.005 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 Time (hours)

**GDC Equities - Post Development**NY -GDC Equities (EPC) 24-hr S0P 25-yr Rainfall=6.42"
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## **Summary for Reach DP 1:**

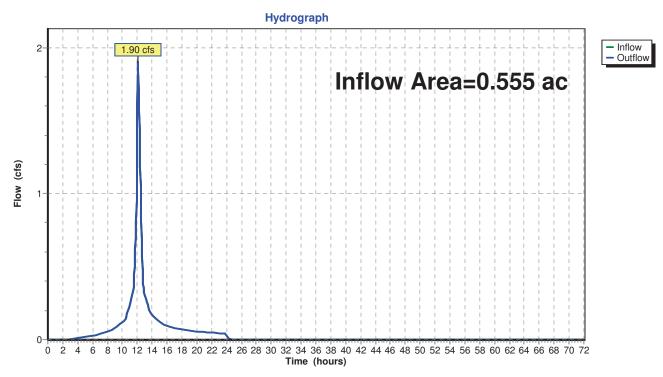
Inflow Area = 0.555 ac, 62.84% Impervious, Inflow Depth = 5.19" for 25-yr event

Inflow = 1.90 cfs @ 12.10 hrs, Volume= 0.240 af

Outflow = 1.90 cfs @ 12.10 hrs, Volume= 0.240 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs

### Reach DP 1:



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## **Summary for Pond 1.1P: Underground Pipe Detention System**

Inflow Area = 0.535 ac, 65.24% Impervious, Inflow Depth = 5.26" for 25-yr event

Inflow = 3.47 cfs @ 11.99 hrs, Volume= 0.234 af

Outflow = 1.83 cfs @ 12.11 hrs, Volume= 0.234 af, Atten= 47%, Lag= 7.1 min

Primary = 1.83 cfs @ 12.11 hrs, Volume= 0.234 af

Routing by Stor-Ind method, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs Peak Elev= 259.81' @ 12.11 hrs Surf.Area= 326 sf Storage= 1,176 cf

Plug-Flow detention time= 7.1 min calculated for 0.234 af (100% of inflow)

Avail Ctarage Ctarage Description

Center-of-Mass det. time= 7.1 min ( 790.3 - 783.2 )

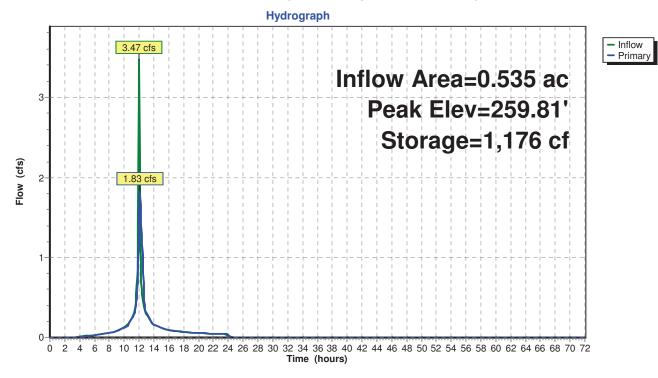
volume	invert	Avaii.Stora	ige Storage Description
#1	257.50'	1,217	7 cf <b>30.0" Round Pipe Storage</b> x 4 L= 62.0'
Device	Routing	Invert	Outlet Devices
#1	Primary	257.50'	7.0" Vert. Orifice/Grate C= 0.600
#2	Primary	259.80'	3.0" Vert. Orifice/Grate C= 0.600

Primary OutFlow Max=1.82 cfs @ 12.11 hrs HW=259.80' (Free Discharge)

-1=Orifice/Grate (Orifice Controls 1.82 cfs @ 6.82 fps)

**—2=Orifice/Grate** (Orifice Controls 0.00 cfs @ 0.09 fps)

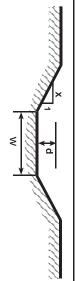
## Pond 1.1P: Underground Pipe Detention System



## **APPENDIX C**

**Swale Calculations** 





Appendix C
SWALE CALCULATIONS

Design Storm:
Project:
Job #:
Date:
By:
Sheet: 25-Year GDC Equities, LLC

18198.100 3/11/2018

1 of 1 TMB

1.3 & 1.4	1.3 & 1.4		SMP ID	
Rip rap	Rip rap		Swale Type	
55.5	55.5	design flow	Q (cfs)	
2.00	2.00	swale bottom width	w (ft)	
1.52	2.03	depth of flow	d (ft)	
1.50	1.50	swale side slope (x:1)	×	
0.060	0.055	Manning's "n"	n	
14.1	3.5	swale slope	S (%)	
6.53	10.27	swale area	A (ft <sup>2</sup> )	
7.49	9.33	wetted perimeter	(tt) dM	
0.87	1.10	hydraulic radius	R <sub>h</sub> (ft)	
8.5	5.4	us swale velocity	V (ft/s)	
55.5	55.5	swale capacity	Q (cfs)	

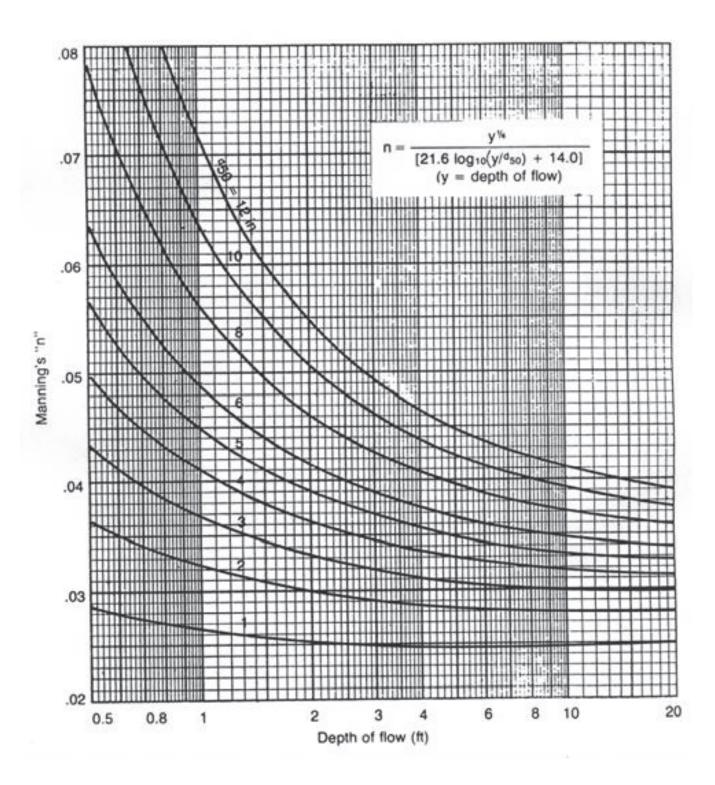
55.5 55.5

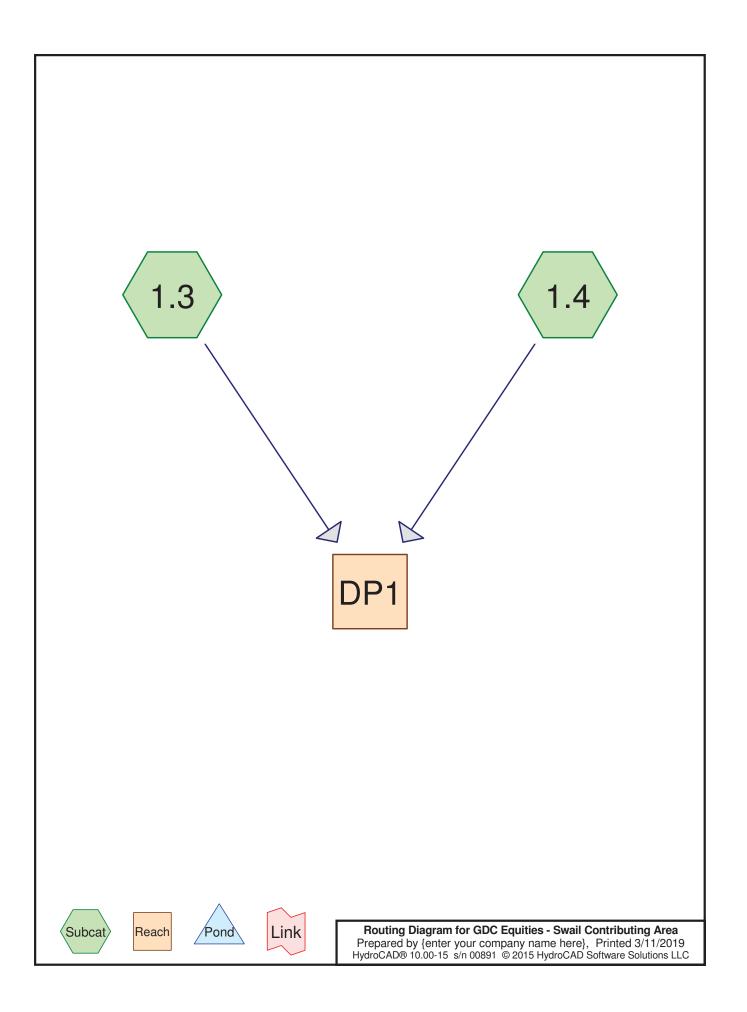
Min Slope Max Slope

The above calculations were performed on the flattest and steepest portion of the proposed swale. The flattest portion was checked to make sure suffcient depth was provided.

The steepest portion was checked to make sure the velocites remain non-erosive for the rip-rap size provided.

Figure 3.11
Determining "n" for Riprap Lined Channel using Depth of Flow Chart (USDA - NRCS)





## Page 2

## **Summary for Subcatchment 1.3:**

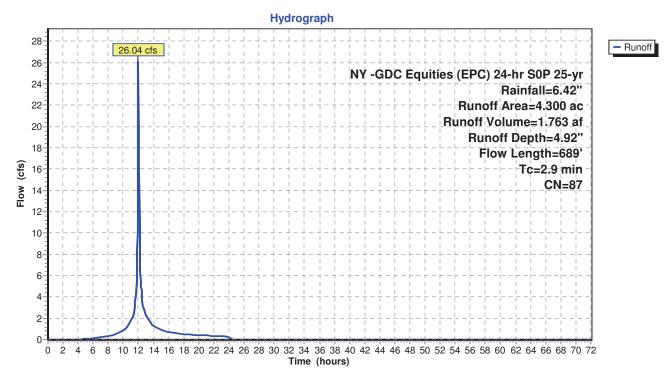
Runoff = 26.04 cfs @ 12.00 hrs, Volume= 1.763 af, Depth= 4.92"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs NY -GDC Equities (EPC) 24-hr S0P 25-yr Rainfall=6.42"

Area	(ac) C	N Desc	cription		
1.	.600 9	8 Pave	ed parking	, HSG D	
0	.800 7	'9 Woo	ds, Fair, F	ISG D	
1	.900 8	30 >759	% Grass co	over, Good	, HSG D
4.	.300 8		ghted Aver		
2	.700	62.7	9% Pervio	us Area	
1.	.600	37.2	1% Imperv	ious Area	
Тс	Length	Slope	Velocity	Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	Description
0.4	100	0.2500	3.92	(0.0)	Sheet Flow,
0.4	100	0.2000	0.02		Smooth surfaces n= 0.011 P2= 3.44"
0.1	36	0.0500	4.54		Shallow Concentrated Flow,
					Paved Kv= 20.3 fps
1.5	234	0.2600	2.55		Shallow Concentrated Flow,
					Woodland Kv= 5.0 fps
0.2	54	0.0400	4.06		Shallow Concentrated Flow,
					Paved Kv= 20.3 fps
0.1	57	0.0300	8.43	21.07	Channel Flow,
					Area= 2.5 sf Perim= 9.0' r= 0.28'
					n= 0.013 Asphalt, smooth
0.6	208	0.0900	5.42	13.56	Channel Flow,
					Area= 2.5 sf Perim= 9.0' r= 0.28'
					n= 0.035 Earth, dense weeds
2.9	689	Total			

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## **Subcatchment 1.3:**



## Page 4

## **Summary for Subcatchment 1.4:**

Runoff = 39.50 cfs @ 12.12 hrs, Volume= 3.564 af, Depth= 5.03"

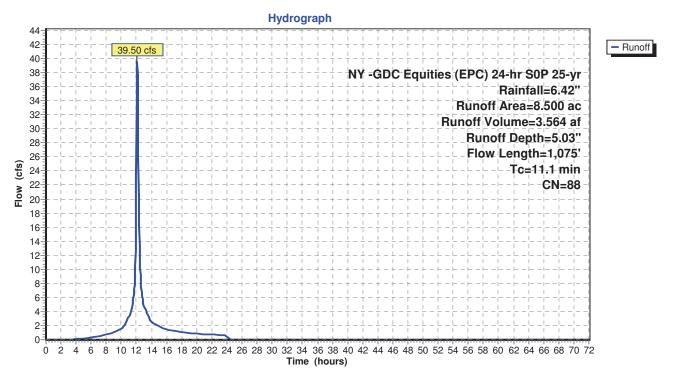
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs NY -GDC Equities (EPC) 24-hr S0P 25-yr Rainfall=6.42"

	Area	(ac) C	N Desc	cription		
	4.	100 9	8 Pave	ed parking	, HSG D	
	2.	800 7	'9 Woo	ds, Fair, F	ISG D	
	1.	600 8	30 >75%	% Grass c	over, Good	, HSG D
	8.	500 8	88 Weig	ghted Avei	age	
	4.	400	51.7	6% Pervio	us Area	
	4.	100	48.2	4% Imperv	ious Area	
	Tc	Length	Slope	Velocity	Capacity	Description
_	(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
	6.1	100	0.0600	0.27		Sheet Flow,
						Grass: Short n= 0.150 P2= 3.44"
	0.9	150	0.1700	2.89		Shallow Concentrated Flow,
						Short Grass Pasture Kv= 7.0 fps
	1.3	247	0.4000	3.16		Shallow Concentrated Flow,
				0.07		Woodland Kv= 5.0 fps
	2.2	380	0.0200	2.87		Shallow Concentrated Flow,
	0.0	400	0.0000	- 44	40.70	Paved Kv= 20.3 fps
	0.6	198	0.0800	5.11	12.78	Channel Flow,
						Area= 2.5 sf Perim= 9.0' r= 0.28'
_	44.4	1.075	Tatal			n= 0.035 Earth, dense weeds

<sup>11.1 1,075</sup> Total

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## **Subcatchment 1.4:**



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## **Summary for Reach DP1:**

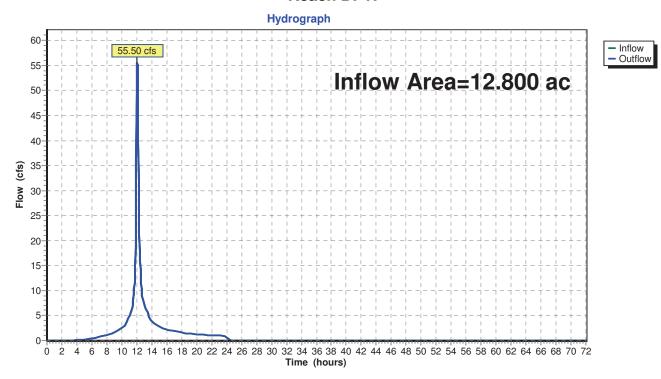
Inflow Area = 12.800 ac, 44.53% Impervious, Inflow Depth = 4.99" for 25-yr event

Inflow = 55.50 cfs @ 12.09 hrs, Volume= 5.327 af

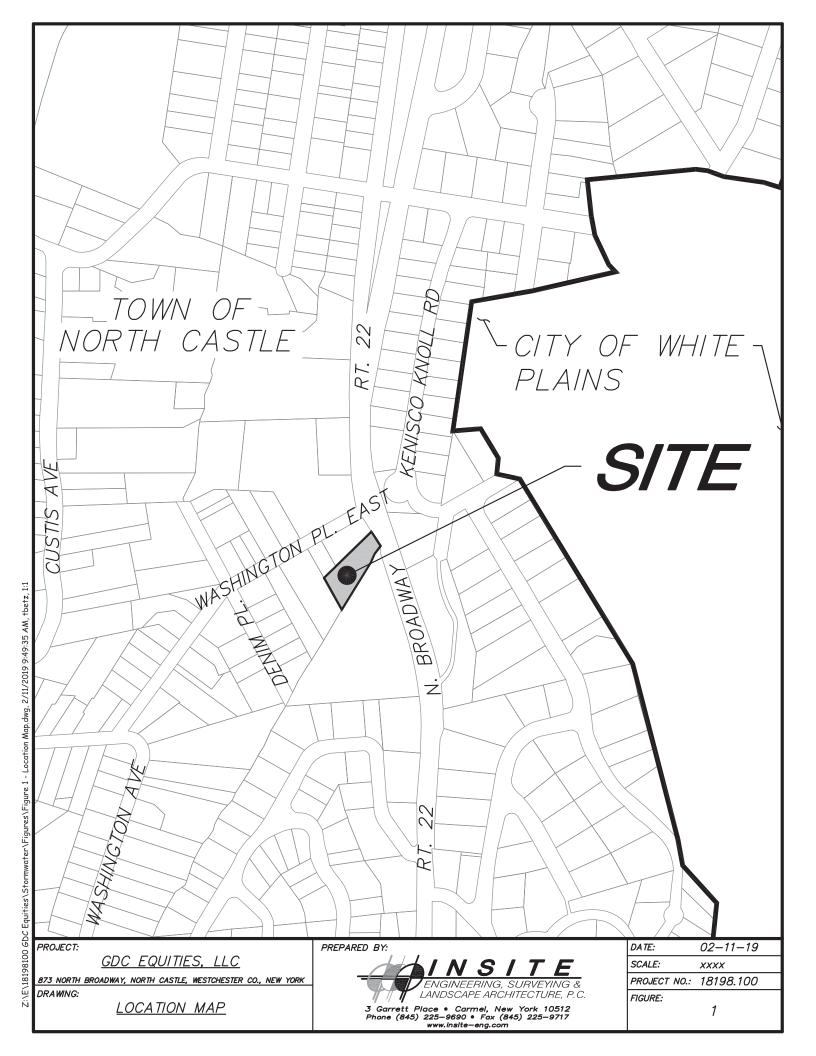
Outflow = 55.50 cfs @ 12.09 hrs, Volume= 5.327 af, Atten= 0%, Lag= 0.0 min

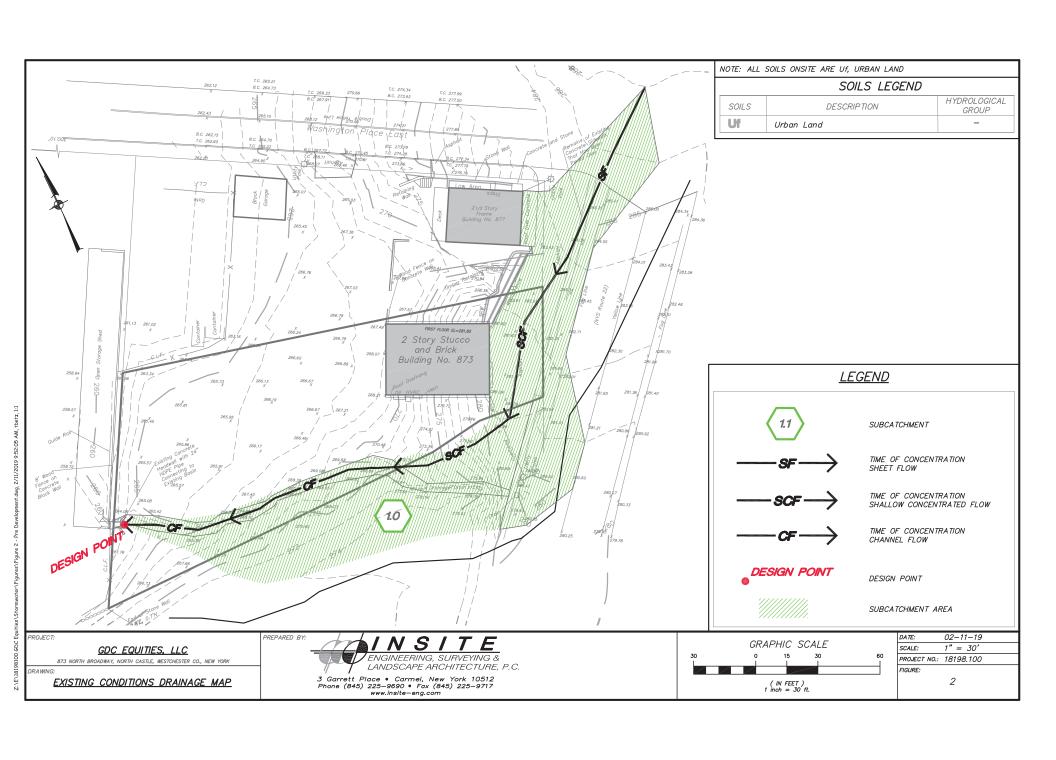
Routing by Stor-Ind+Trans method, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs

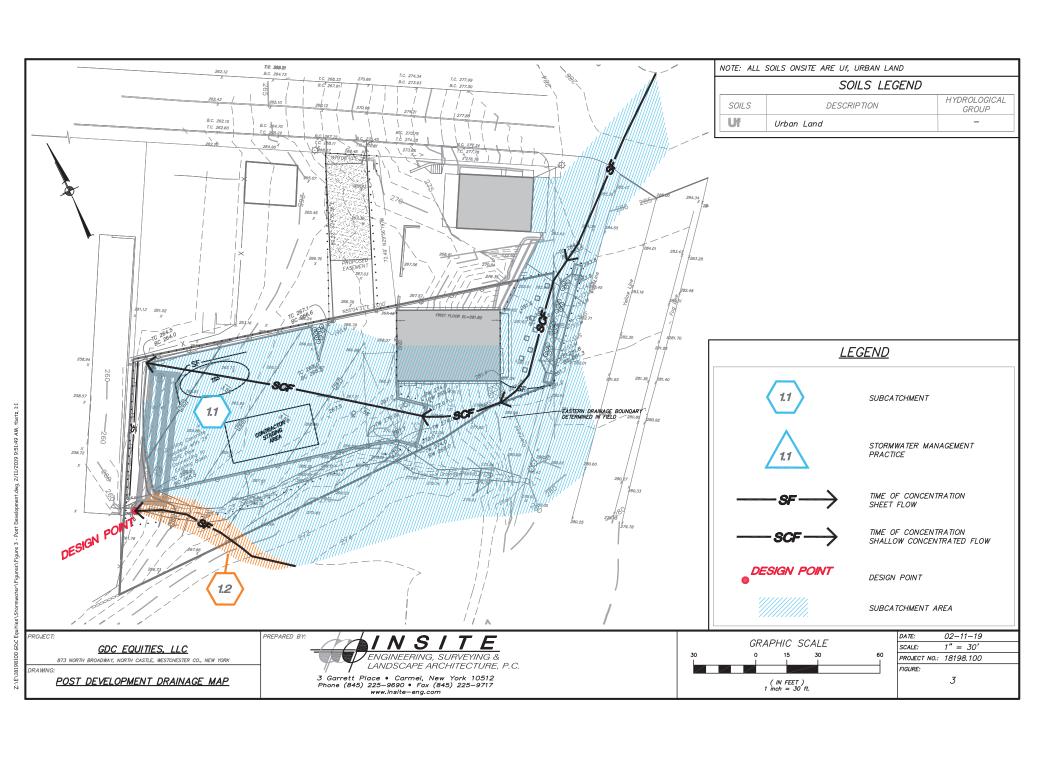
### Reach DP1:



## **FIGURES**







( IN FEET ) 1 inch = 100 ft.

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\E\18198100 GDC Equities\Stormwater\Figures\Figure 4 - Swale Contributing Area.dwg, 3/11/2019 9:07:44 AM, kmo

SWALE CONTRIBUTING AREA