THE LAW OFFICES OF BELLO & MORTON, LLC

184 Main Street Wareham, Massachusetts 02571 · 508-295-2522

February 17, 2022

Zoning Board of Appeals of Wareham

Memorial Town Hall

54 Marion Road

Wareham, MA 02571

Re: Application for Site Plan Review and Variances on 8 & 10 Charge Pond Road, Wareham, MA 02571

Petitioners

David Sergi 21 Patterson Brook Road, Suite G West Wareham, MA 02576

2. Recorded Owner:

William Lee, Jr. & Barbara A. Lee 70 Fuller Road Trumbull, CT 06611

3. Certified Abutters List:

Copy Attached as Exhibit A.

Current Deeds:

Plymouth Registry of Deeds:

Book 3641, Page 368, and Book 3641, Page 370 (2 Deeds). Exhibit B.

5. Building Inspector's Notice of Violation Letter:

Denial Letter for 8& 10 Charge Pond Road dated February 8, 2022 attached here as Exhibit C from the Building Commissioner.

Proposed Site Plan:

Attached as Exhibit D is a copy of the Relevant Plan. Please note our Parcels are in CG and R-60 Zoning Districts.

- Architectural Renderings of proposed Build: Attached as Exhibit E.
- 8. Stormwater Management for 8& 10 Charge Pond Road (which includes Impact Statement) prepared by JC Engineering, Inc. (Exhibit F)
- Application for Site Plan Review (Exhibit G)
- 10. Application for Public Hearing for Variance (Exhibit H)
- 11. Tax Verification Form (Exhibit 1)
- 12. Letter of Intent (herewith)

Dear Mr. Chairman,

I represent the applicant Mr. David Sergi re the above application for Site Plan Review and Variances his proposed build of a 6050 square foot metal building comprising of a 1250 square foot office area and a 4800 square foot contractor garage for vehicle and equipment storage on the properties known as 8 & 10 Charge Pond Road.

Background:

Mr. Sergi runs a local landscaping services business D&J Enterprise, Inc that has been providing excellent service to Warcham residents and surrounding communities for over 10 years. He has been located on Marion Road in Wareham and is looking to move to expand to service his growing customer base and operation. His business includes edging & mulching, irrigation, landscape design, organic mosquito & tick spraying, property clean ups and property maintenance. He provides many of our residents with full time and seasonal jobs as well as providing necessary upkeep for full time and summer resident property owners here in Wareham.

The properties involved here are two parcels on Charge Pond Road before you get to the YMCA. The lots are currently wooded. Both parcels are mixed zoned and located in Commercial General Zoning and in R-60 (Residential District). He is proposing to build a well-kept commercial space which shall include a contractor garage, storage space, and a front office for staff and customers alike. The space would include parking spaces for his commercial vehicles and trailers, designated bays for mulch, soil and other landscaping materials. The proposed build as shown on the proposed site plans enclosed has a proposed 6' tall privacy fence and gate to minimize any review of operations or materials from passersby.

In a February 8, 2022 letter the Building Commissioner flagged the following items as reasons for Denial:

- 1. Article 3 Table 320, Table of Principal Use Regulations: Industrial uses are not permitted in the CG, or the R60 zoning districts, A <u>use variance</u> is required to permit the use in both districts.
- 2. Article 10 Section 1042, Minimum Landscape Buffer: A 40' Landscape buffer is required between Industrial and residential uses.
- 3. Article 15 Section 1520, Site Plan Review: A new use requires 10 or more parking spaces under the parking schedule must undergo a <u>Site Plan Review</u>.

Relevant By Law for Relief: Variances

1470 VARIANCES

The Board of Appeals shall have the power to hear and decide applications for Variances from the provisions of the Zoning By-Laws, including the power to grant a Variance authorizing a Use or activity not otherwise permitted in the district in which the land or structure is located. A Variance may be granted when factors relating to soil conditions, lot shape, or topography of such land creates an impracticality or limits the location or positioning of a new structure or addition on a site or location that previously conformed to zoning requirements. An applicant must demonstrate that a literal enforcement of the By-law would involve substantial hardship, financial or otherwise, to the petitioner or appellant, and that desirable relief may be granted without substantial detriment to the public good and without nullifying or substantially derogating from the intent or purpose of such ordinance or by-law.

Argument for Use Variance:

As for the statutory requirements, these lots very unique in the shape. I draw your attention to the existing conditions Map- Lot 1076 is a triangular in shape piece that has all the frontage on Charge Pond Road, while the larger parcel 1035 is situated behind that parcel.

Then even more unique is that the Zoning map cuts the lots in half as far as uses-both lots have mixed zoning Commercial General and R-60. These unique features of the lot's shape and location comply with the zoning requirements for the variance and are directly affecting circumstances around the relief the applicant is looking for here.

The literal enforcement of the bylaw would create financial hardship for the applicant and create financial hardship for the petitioner and the owner. The parties have been under contract and looking for the contract to come to fruition. The Petitioner is a growing local company who needs the space to expand to service his growing customers. The change in location of his enterprise I would argue is an improvement as his current location in on Marion Road in a high traffic area with his landscaping trucks and trailers entering the road which is frequently traveled. The Charge Pond Road location will be in a less traffic area and the stop sign at the end of the road provides easier access for his vehicles and in turn reduces that traffic once the build is in operation on, off the Marion Road location.

It is our hope that the Board views the granting of these Variances as keeping with the nature of the neighborhood which already has other commercial uses and the bulk of the residentials units are down the road father down Charge Pond Road. In fact, there are commercial buildings further down the road like the YMCA, Sure Cran Services, and Wareham Municipal Maintenance. There is also the National Grid building which uses access from Route 28. The plans show a well thought out building that considers surrounding properties with a privacy fence and landscaping with my trees and other greenery.

Lastly, granting the Petitioner the relief being requests in no way derogates from the intent of the zoning by-laws as the lots are zoned for commercial general and Residential. The standard when looking at use variances is outlined in <u>Boston Edison Co. v. Boston Redevelopment Authority 374 Mass.37, 66</u>:

When an area is zoned for residential purposes and the district has retained its essentially residential character, a variance allowing the introduction of commercial enterprise is improvidently granted. The inquiry which these cases require is whether the introduction of the nonconforming use "would unquestionably after the essential character of an otherwise residentials neighborhood."

This area in the beginning of Charge Pond Road has some residential but also other properties that are commercial as discussed National Grid owns the parcel directly behind this parcel.

All things considered allowing these Variances would not be detrimental to the neighborhood and certainly would not derogate from the intent of the Zoning by Law.

Variance Argument for Landscape Buffer:

The topography and triangular shape lend it to the uniqueness of the variance request as discussed in the argument for the use variance. Due to the lot shape of the front lot having all of the frontage

and the splitting of the Zoning line right through both lots -the ability for a landscape buffer inbetween them is an impossibility. The plan shows that the tree line buffer that is provided all around the property. The abutting property is zoned R60 but is vacant land as well.

Therefore, there being no substantial determent to the neighborhood we as that landscape variance be approved as well.

All things considered, we ask for a thorough review by the Board of Appeals of the reasons for our application and consider the new build that will add to tax revenues for the Town, increase overall building values for the area, and would show support for a local successful landscaping service company.

Site Plan Review Standards:

We have submitted the Application for Site Plan review along with the accompanying documents for review to the Town. The purpose of Site Plan Review is clearly laid out in Section 1510 of the ByLaws: "Each use for which a site plan submission is required is a potentially significant addition to a developing or developed area of the town, and to a residential, commercial or industrial neighborhood. The purpose of Site Plan Review Special Permit is to ensure the design and layout of certain development permitted as a matter of right or by Special Permit will constitute suitable development and will not result in a detriment to the neighborhood or the environment."

The proposal to develop land for expansion of a local businesses operations in an area that does not result in high traffic or interference with abutting neighbors will not be substantially detrimental to the neighborhood. The proposed build was thoughtfully crafted to create a development that would not impede on any of the surrounding residential abutters. Charge Pond Road itself already has a commercial flavor of the neighborhood with the YMCA up the road, as well as other businesses. The plans show adequate emergency access for vehicles as well as a landscape plan that takes into the review of drivers on the road. All things considered we look forward to a thoughtful review of the plan set proposed, stormwater management calculations and impact statement. We propose this build will be an asset to the Town in creating taxable revenue for the town on this now vacant wooded lot.

Respectfully submitted,

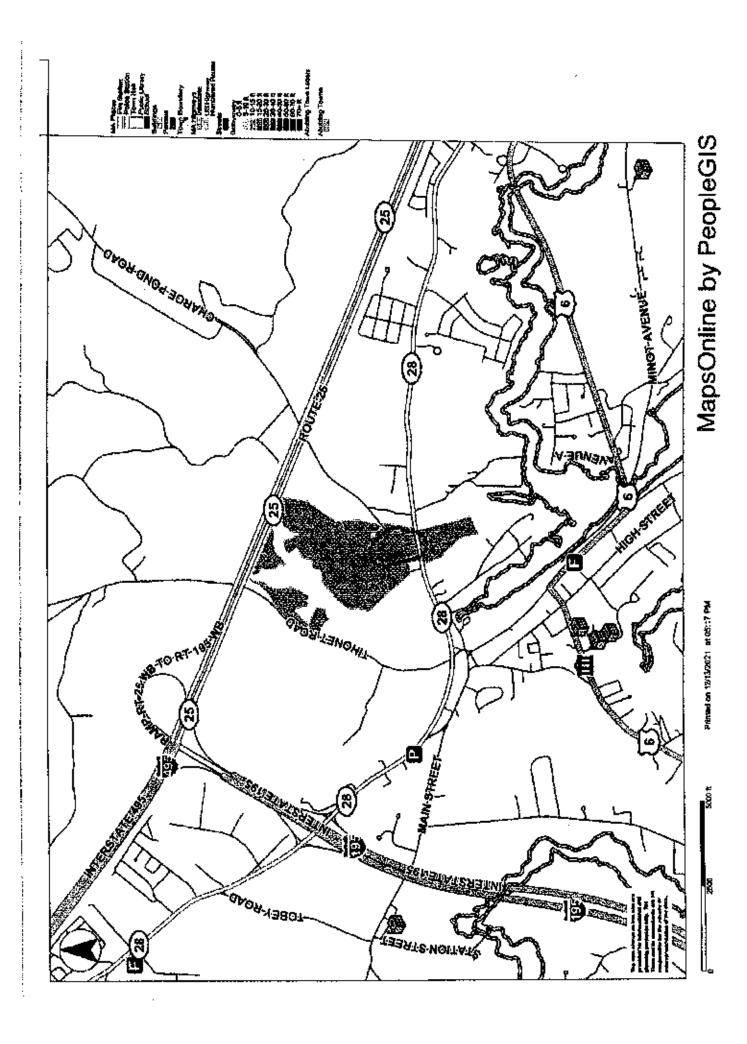
Jilian A. Morton, Esq.

EXHIBIT A

W 40 W	TOWN OF WAREHAM ABUTTERS			_		
0110 LO	MAP 110 LOT 1035 300'					:
MER WIL	OWNER WILLAM & BARBARA ANN LEE					
MAP & 10T	DWWER	CO-OWNER	STREET ADDRESS	TOWN	STATE	ZIP CODE
110-1034	Т	C/O NATIONAL GRID PROP TAX DEPT	40 SYLVAN RD	WALTHAM	₩A	02451
110-1029	FALABELLA-FREDEN JOSEPH	FALABELLA-FREDEN RICHARD D	2600 CRAMBERRY HWY	WAREHAM	MA	1,2571
110-1030	DIONNE JOSHUA M		2602 CRANBERRY HWY	WAREHAM	MA	02571
110-1031	POTTER RICHARD D	POTTER LUCKLE E	2604 CRANBERRY HWY	WAREHAM	ĀΑ	02571
110-1035	LEE WILLIAM IR	LEE BARBARA ANN	70 FURIER RD	TRUMBULL	<u>5</u>	06611
110-1015	MAKEPEACE CO A D		158 THONET RD	WAREHAM	MA	02571
110-1032	SVEDINE LAWRENCE CJR	SVEDINE LISA M	2606 CRANBERRY HWY	WAREHAM	MA	02571
110-1033	SAVARY PETER J	SAVARY ANGELA M	143 GREAT NECK RD	WAREHAM	₩Ą	02571
110-1045	MAKEPEACE CO A D		158 THONET RD	WAREHAM	MA	02571
110-1046	ANDREWS STANLEY	ANDREWS SARA H	2610 CRANBERRY HWY	WAREHAM	¥	02571
110-1047	ILIFFE JESSICA L		2612 CRANBERRY HWY	WAREHAM	MA	02571
110-1050/8	BARRASSO DEREK A	BARRASSO KELLY A	19 CENTRAL AVE	WAREHAM	МА	02571
110-1048	T	FERRERA NEAL	2614 CRANBERRY HWY	WAREHAM	MA	02571
TICLED &	CERTIFICA OF THEY					
FAR ON	APPEAR ON OUR TAX ROUS				_	
AS OF 12/13/2021	1/2021			_		
(
L.	Kritic Colors					
ASSESSORS OFFICE	OFFICE					
			•			
REQUESTED BY) BY					
IAMEL	SAM IAMELE 1C ENGINEERING INC					
508 273-0377	77				_	

	DOWN OF WAKERAM ABUTTERS					
MAP 110 LOT 1076	1076				_	
OWNER WILL	OWNER WILLIAM & BARBARA A LEE					
101 0 0 107	a who	IO-OWINER	STREET ADORESS	TOWN	STATE	ZIP CODE
Т	COLORIAL GAS COMPANY	C/O NATIONAL GRID PROP TAX DEPT	40 SYLVAN RD	WALTHAM	¥	02451
110-1031	POTTER RICHARD D	POTTER LUCILLE E	2604 CRANBERRY HWY	WAREHAM	MA	02571
132-1018/B	PAPANTONIADIS PROPERTIES LLC		212 TEMPLE ST	W ROXBURY	MA	02132
110-1015	MAKEPEACE CO A D		158 THONET RD	WAREHAM	MA	02571
110-1032	SVEDINE LAWRENCE CJR	SVEDINE LISA M	2505 CRANBERRY HWY	WAREHAM	MA	02571
132-1018/A	MASON ANNA		2607 CRANBERRY HWY	WAREHAM	MA	02571
110-1033	SAVARY PETER J	SAVARY ANGELA M	143 GREAT NECK RD	WAREHAM	MA	17520
110-1076	LEE WILLIAM JR	LEE BARBARA A	70 FULLER AD	TRUMBULL	CI	06611
110-1046	ANDREWS STANLEY	ANDREWS SARA H	2610 CRANBERRY HWY	WAREHAM	MA	02571
110-1047	ILIFFE JESSICA L		2612 CRAMBERRY HWY	WAREHAM	MA	02571
110-1050/8	BARRASSO DEREKA	BARRASSO KELLY A	118 CENTRAL AVE	WAREHAM	MEA	02571
110-1043	CONTI CHRISTOPHER J	FERREIRA NEAL	2514 CRANBERRY HWY	WAREHAM	MfA	02571
132-1019	BARBOZA JOSEPH E	BARBOZA LORRAINE M	634 COUNTY RD	W WAREHAM	44	02576
				_		
CERTIFIED AB	CERTIFIED ABUTTERS AS THEY					
APPEAR ON C	APPEAR ON OUR TAX ROLLS					
AS OF 12/13/2021	2021					
7	16					
11	Com Cher		-			
ASSÉSSORS OFFICE	FFICE					
					_	
REQUESTED BY	λ.					
SAM SAMELE	SAM MARLE IC ENGINEERING INC					
508 273-0377						
SIAMELE/BICENG.ORG	ENG.ORG					

į



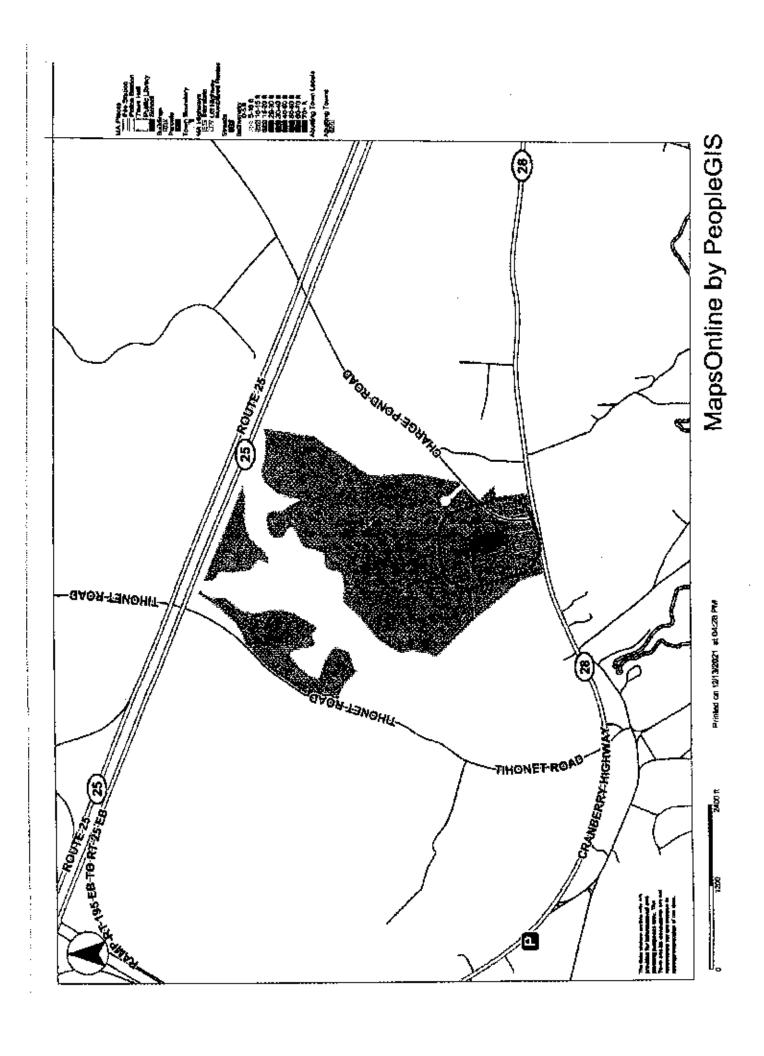
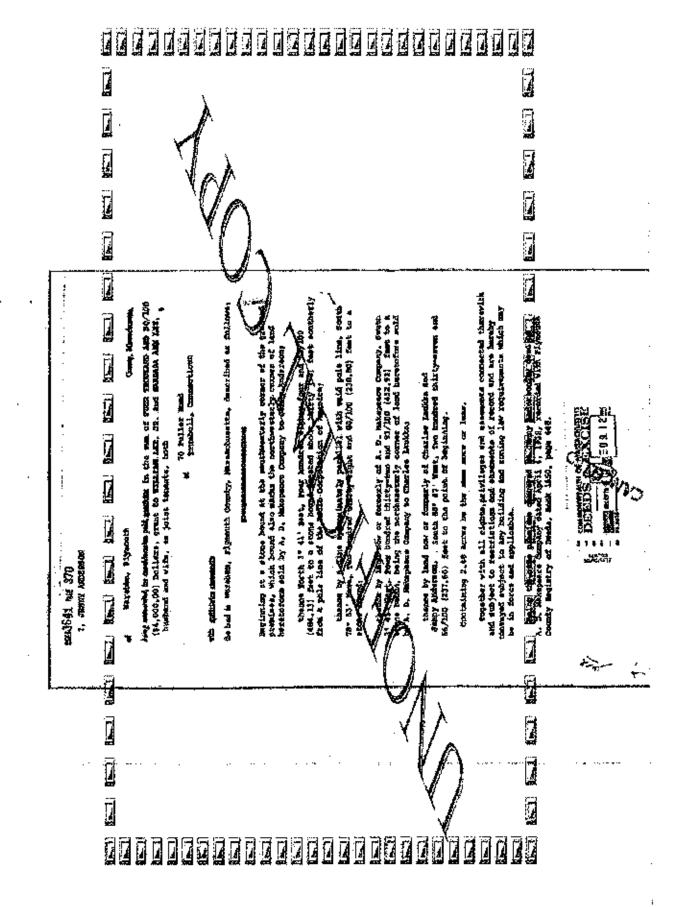


EXHIBIT B



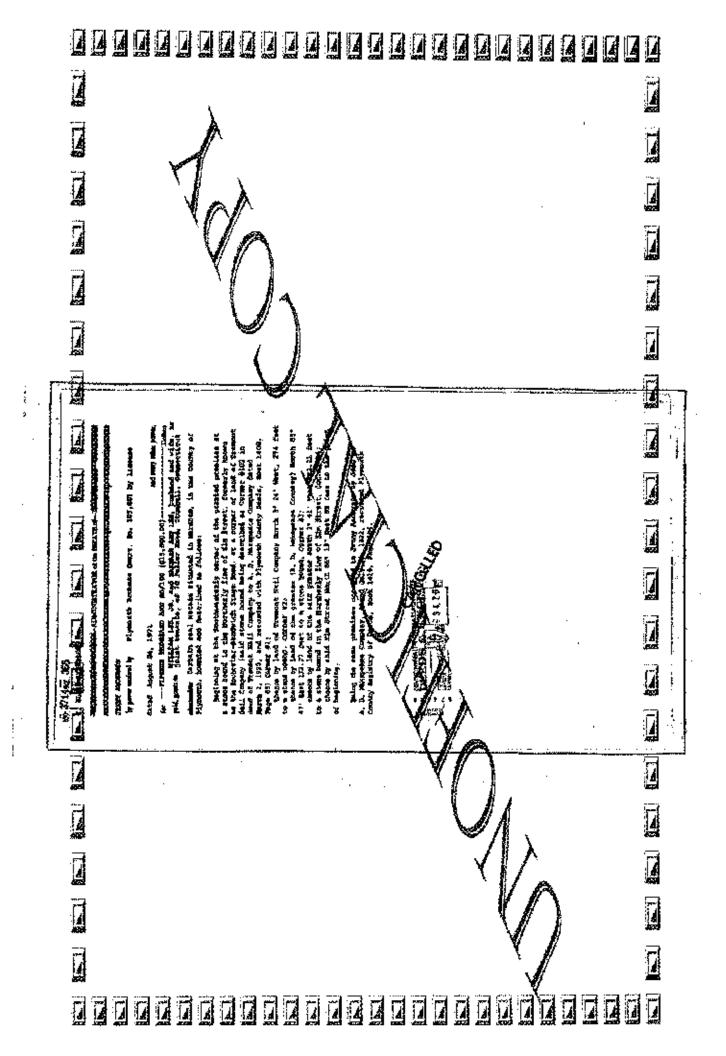


EXHIBIT C



TOWN of WAREHAM

Massachusetts

BUILDING DEPARTMENT

David L Riquinha Building Commissioner

David Sergi

February 8, 2022

C/o J.C. Engineering; Sam Iamele

2854 Cranberry Highway

East Wareham, MA 02538

RE: 8 & 10 Charge Pond Road

Map # 110, Lot # 1076

I have reviewed your application for construction at 8 & 10 Charge Pond Road, in Wareham, MA. Your proposal is not in compliance with current zoning regulations and must be denied at this time.

After performing a careful review of the plans you provided, which are labeled "Job No 5942" and dated December 27, 2021, I am of the understanding that you would like to construct a 6050 square foot metal building comprising a 1250 square foot office area, and a 4800 square foot contractor garage for vehicle and equipment storage. The proposed use is not specifically mentioned in the zoning by-law; however, it does fail under the Industrial use category. A study of surrounding and nearby towns determined that to be in line with neighboring community regulations. Industrial uses are not permitted in the CG, and/or the R-60 zoning districts; therefore, a Use Variance from the Zoning Board of Appeals must be secured to permit the Industrial Use in both districts.

Looking at the plans, it is unclear what the landscape buffer will be along the southern property boundary. A 40' buffer is required between Industrial, and residential uses, and if one cannot be provided, a Variance will be required from the Zoning Board of Appeals. The Variance will not be required if an adequate buffer can be provided and maintained. Additionally, the project does require more than 10 parking spaces and a site plan review is required by the Zoning Board of Appeals.

Your building permit is being denied under the following sections of the Wareham Zoning By-

- Article 3 Table 320, Table of Principal Use Regulations: Industrial uses are
 not permitted in the CG, or the R60 zoning districts. A use variance is required to
 permit the use in both districts.
- Article 10 Section 1042, Minimum Landscape Buffer:
 A 40° landscape buffer is required between Industrial and residential uses. If the appropriate buffer cannot be provided, a <u>Variance</u> will be required from the Zoning Board of Appeals.
- Article 15 Section 1520, Site Plan Review: A new use that requires 10 or more
 parking spaces under the current parking schedule must undergo a <u>Site Plan</u>
 Review. The Zoning Board of Appeals is the regulatory authority for this review.

You must bring this letter to the Zoning Board office and apply for a hearing where you will request the necessary relief as previously explained. If you are successful, you will be required to wait 20 days for the statutory appeal period to lapse; you will then need to record the ZBA decision with the Plymouth County Registry of Deeds; then apply for a new building permit to perform the work in accordance with the zoning approval. The existing permit application has been denied and will not be reopened to perform the requested work.

The subject property is located in the CG, and R-60 zoning districts.

Respectfully,

David Riquinha

E 2-

Building Commissioner

Zoning Enforcement Officer

It is the owners' responsibility to check with other departments, i.e. Health, and conservation, etc. to ensure full compliance.

In accordance with the provisions of MGL chapter 40A §§ 15, you may apply to the Zoning Board of Appeals for the above noted relief within thirty (30) days of the date of this letter.

EXHIBITID

EXHIBITE

EXHIBITE

8 & 10 CHARGE POND ROAD WAREHAM, MA

TABLE OF CONTENTS

		<u>Page</u>
ı.	Project Overview	1
2.	. Impact Statement	1
3.	Stormwater Management	
	Methodology	2
	General Soils Information	. 3
	Proposed Stormwater Management System	
	and Mitigation	3
4.	Supplemental Information and Calculations	
	Pipe Sizing Calculations	
	Proposed Conditions Drainage Calculations	
	2-year Storm	
	10-year Storm	
	25-year Storm	
	100-year Storm	
	Drainage Area Plan	

1. Project Overview

The project is located at 8 & 10 Charge Pond Road in Wareham and consists of Lots 1035 & 1076 as shown on Assessor's Map 110. These properties sie partially within the General Commercial Zoning District and Residence 60 Zoning District. The total land area of the two lots is 140,003 square feet. Currently, this is a vacant wooded lot. The topography is relatively flat and pitches southerly and westerly off the property.

Under proposed conditions, the applicant would like to construct a 7,350 s.f. structure to be used for a landscaping company services. The structure will be made up of office space as well as garage storage and will require a total of 28 parking spaces. The parking area is proposed to be paved and will have a total of 33 parking spaces, including two handicap spaces as well as 18 company vehicle parking spaces. Landscaping is proposed between the roadway and building. To aid in buffering along Charge Pond Road, a proposed privacy feace will be installed at the front face of the structure.

2. Impact Statement

Water and Sewer System

The proposed building will be serviced by Town Water and a Private Septic System. An existing fire hydrant has been located only 30' from the northern property line,

Fire and Police Protection

The proposed parking lot entrances will provide adequate accessibility for fire and police. The aisle widths are proposed at minimum of 24' wide and the two entrances off Charge Pond Road allow for vehicular circulation throughout the entire site.

Schoots and Parks

This is a proposed commercial development; therefore, no additional residences are proposed that may impact the student population or existing park uses.

Traffic and Pedestrian

There will not be an adverse impact to the traffic and pedestrian movement from the proposed development. The project is located directly off Charge Pond Road. Another landscaping service company exists directly across the street.

Ecology

A majority of the site is wooded and does not contain any wetland resource areas. The proposed drainage system is designed so that stormwater runoff leaving the site post-development will be less than what currently exists. The proposed development also includes the installation of numerous trees, shrubs, and landscaped areas.

2. Stormwater Management

Methodology

Stormwater runoff was evaluated for the 2-year, 10-year, 25-year, and 100-year. Type III, 24-hour storm for post-development conditions. The runoff generated from the area of the lot to be developed currently drains towards the south and west. Once this project is completed, a majority of the runoff will be captured and infiltrated onsite, therefore, considerably reducing the amount of runoff that exits the property. Four proposed catch basins will capture the runoff generated from the parking area and direct the runoff to two detention basins. A proposed leaching chamber will be situated as the bottom of both detention basins to provide additional storage and infiltration. The proposed grading is very similar to the current topography, therefore, not major changes in drainage patterns are proposed.

The Pre- and Post-development conditions were modeled using HydroCAD software, which combines USDA Soil Conservation Service hydrology and hydraulic techniques (commonly known as SCS TR-55 and TR-20) to generate hydrographs (calculations are provided in the supplemental section of this report). The rainfall amounts used for calculating runoff for the 2-year, 10-year, and 100-year storm events were obtained from the HydroCAD Manual.

General Soils Information

Existing soil classifications and hydrologic soil groups for the site were obtained from the USDA Soil Conservation Service, Soil Survey of Plymouth County, Massachusetts, Southern Part (1969). The soil type found within the project site is classified as Carver Coarse Sand (CaB). Carver Soils are very deep, excessively drained soils formed in thick deposits of coarse and very coarse sands. Carver soils are in broad areas on outwash plains, terraces and deltas. Carver soil is classified as Hydrologic Group A and is the dominant soil type found within the site. An on-site examination of the soils in the vicinity of the proposed detention basin and leaching chambers were performed and found to be consistent with the properties of Carver soils (see attached Test Pits Logs).

Proposed Stormwater Management System and Mitigation

The purpose of the proposed stommwater management system is to remove a minimum of 80% total of the suspended solids, while preventing off-site flooding and adverse environmental impacts from the 2-year, 10-year, 25-year, and 100-year storm events. Additionally, a goal of a site's stormwater management plan also includes the improvement of water quality through the design and implementation of best management practices (BMPs) for the site. BMPs can include physical features, such as infiltration structures, detention basins and swales, as well as maintenance procedures and other management techniques. Several regulatory standards or policies are applicable for the proposed site, including the Town of Wareham Subdivision Rules and Regulations and Zoning Bylaws.

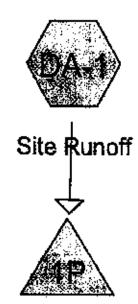
Criteria for the management of stormwater runoff were designed in accordance with the applicable criteria for drainage design of the Department of Environmental Protection (DEP) Stormwater Management Policy.

The stormwater will be captured by a four deep sump catch basins and will be infiltrated through two detention basins, which are designed to capture and infiltrate the 100-year storm event. A proposed leaching pit will be situated at the bottom of each detention basin to provide additional storage and infiltration. The catch basin, sediment forebay, and detention basin, combined, will remove a minimum of 80% total suspended solids.

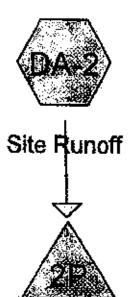
PIPE SIZING CALCULATIONS

Design for 25 Year Storm Pipe Coeff. "n" = 0.013

	ATION	Ë			,	(feet)																			:					
	STRUCTURE ELEVATION	Invert	ŏ			(feet)			+			\dashv	1									-	\dashv			+	\dagger	\dashv		
	STRUCTL	Invert	<u>.</u>		:	(feet)																					+	7		
			Struct		-																							1		
		Min.	Slope		į	(#O#E)																			-					
	PIPE	Design	Slope			(L /III)				0,010					0.010					0.010				0.010					0.010	
		Dia.			,	(in.)				11.8	12				1.6	12				15,1	16			10.2	12				6.45	12
		Length				(f.)				110	Use				20	Use				20	es/)			12	esn .				102	950
0.013		Discharge	iA.		Total	(cfs)				3.401					3.234					6.635				2.312					0.682	
15 L. H		Disc	Q=CIA	a	inci.	(cfs)				3.401					3,234					6.635				2.312					0.682	
Pipe Coeff. "n" = 0.013		Rainfall	Internally	_		(in/hr)		:		6.05					6.05					6.05				6.05					6.05	
		⊢	Flow			(min)				12					17.9					17,9				1.5	İ			÷	2	
	RUNOFF	Runoff	Coeff	ប្ចុំ			86.0	0.38	0.49	0.625		0.98	98.0	0.49	0.694		96.0	96.0	0.49	0.657		0.98	•	0.98		0.98		0.49	0.939	
	-	ł		_	Total	(acres)																								
		Tributary Area		4	nc.	(acres)	0.340	0.350	0.210	0.900		0.390	0.260	0,120	0.770		0.730	0.610	0,330	1.670		0.390		0.380		0.110		0.010	0.120	
		<u>"</u>	Type	ъ. То	_		lmp.	Woods	Grass	Total		шb.	Woods	Grass	Total		imp.	Woods	Grass	Total		œШ		Total		lmp		Grass	Total	
					Sta			Ī																						
		Drainage	Structure		όΝ		CB-1	to DMH1				CB-2	to DMH 1				DMH 1	to FES #4		į		CB-3	to FES #2			CB4	to FES#1			







Detention Basin









Residing Diagram for Proposing Conditions
Proposed by JC Engineering Inc., Printed 1/31/2022
HydroCADS 10:00-22 on 02/17 in 2018 HydroCAD Software Solutions LLC

Proposed Conditions
Prepared by JC Engineering Inc.
HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions ELC

Printed 1/31/2022

Page 2

Area Listing (all nodes)

Area	CN	Description
(acres)		(subcatchment-numbers)
0.931	49	Pasture/grassland/range, Fair, HSG A (DA-1, DA-2)
1.234	98	Paved parking, HSG A (DA-1, DA-2)
1,012	36	Woods, Fair, HSG A (DA-1, DA-2)
3.178	84	TOTAL AREA

Proposed Conditions
Prepared by JC Engineering Inc.
HydroCAD® 10.00-22 s/n 02717 @ 2018 HydroCAD Software Solutions LLC

Printed 1/31/2022 Page 3

Soll Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
3.178	H\$G A	DA-1, DA-2
0.000	HSG B	
0.000	H\$G C	
0.000	HSG D	
0.000	Other	
3,178		TOTAL AREA

Printed 1/31/2022

Page 4

Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.931	0.000	0.000	0.000	0.000	0.931	Pasture/grassland/range, Fair	DA-1, DA-2
1.234	0.000	0.000	0.000	0.000	1.234	Paved parking	DA-1, DA-2
1.012	0.000	0.000	0.000	0.000	1.012	Woods, Fair	DA-1, DA-2
3.178	0.000	0.000	0.000	0.000	3.178	TOTAL AREA	

Proposed Conditions

Type III 24-hr 2-year Rainfall=3.44"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 @ 2018 HydroCAD Software Solutions LLC

Page 5

Time spen=0.00-24.00 hrs, dt=0.01 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind method - Pond routing by Stor-Ind method

Subcatchment DA-1: Site Runoff

Runoff Runoff Area=32,772 of 66.38% Impervious Runoff Depth>1.66° Flow Length=168' Stope=0.0100 '7' Tc=1.9 min CN=81 Runoff=1.69 cfs 0.104 of

Subcatchment DA-2: Site Runoff

Runoff Area=105,667 sf 30,30% Impervious Runoff Depth>0.46° Flow Length=355° Tc=17.9 min CN=58 Runoff=0.60 cfs 0.084 af

Pond 1P: Detention Basin

Peak Elev=26.91' Storage=1,873 of Inflow=1.69 ofs 0.104 af

Outflow=0.13 cfs 0.104 af

Pond 2P: Detention Basin

Peak Elev=26.18' Storage=734 cf Inflow=0.60 cfs 0.084 af

Outflow=0.21 cfs 0.093 af

Total Runoff Area = 3.178 ac Runoff Volume = 0.198 af Average Runoff Depth = 0.75" 61.16% Pervious = 1.944 ac 38.84% Impervious = 1.234 ac Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 6

Summary for Subcatchment DA-1: Site Runoff

Runoff

=

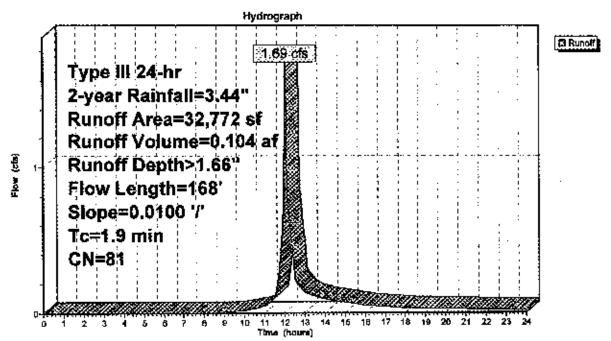
1.69 cfs @ 12.03 hrs, Volume=

0.104 af, Depth> 1.66"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type IB 24-hr 2-year Rainfali=3.44*

A	rea (sf)	CN D	escription			_
	21,755	98 F	aved park	ing, HSG A		
	1,140	36 V	Voods, Fai	r, HSG A	•	
	9,877	49 P	asture/gra	issland/rang	ge, Fair, HSG A	
	32,772	81 V	Veighted A	verage		
	11,017	3	3.62% Per	∾ious Area		
	21,755	6	6.38% lmp	nA audivi o c	ea	
_		-			- · · ·	
	Length	Slope	Velocity	Capacity	Description	
(min)	(feet)	(ft/ft)	(ft/sec)	Capacity (cfs)	<u> </u>	
			_		Sheet Flow, A-B	
(min)	(feet)	(ft/ft)	(ft/sec)		<u> </u>	
(min)	(feet)	(ft/ft)	(ft/sec)		Sheet Flow, A-B Smooth surfaces n= 0.011 P2= 3.40" Shallow Concentrated Flow, B-C	
(min) 0.9	(feet) 50	(ft/ft) 0.0100	(ft/sec) 0.94		Sheet Flow, A-B Smooth surfaces n= 0.011 P2= 3.40"	

Subcatchment DA-1: Site Runoff



Page 7

Summary for Subcatchment DA-2: Site Runoff

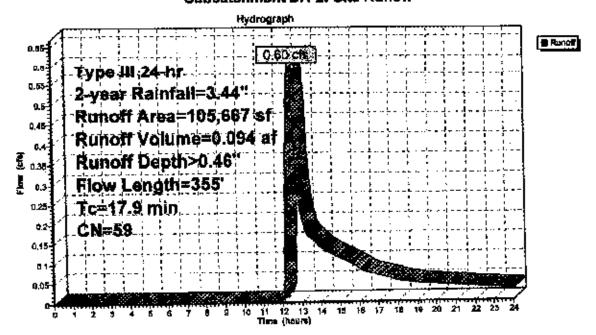
Runoff = 0.60 cfs @ 12.36 hrs, Volume=

0.094 af, Depth> 0.46*

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type III 24-hr 2-year Rainfall=3.44"

A	rea (sf)	CN D	escription		
	32,015	98 P	aved parkl	ng, HSG A	
	42,960		Voods, Fair		
	30,692	49 P	aşture/gra	astand/rang	ge, Følr, HSG A
1	05,667	59 V	Veighted A	verage	
	73,652	6	9.70% Per	vious Area	
	32,015	3	0. 30% lmp	ervious Ar	ea
т.	I	Clana	Malaalka	Capacity	Description
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	(cfs)	Description
12.0		0.0200	0.07	(0.3)	Sheet Flow, A-B
12.0	50	0,0200	0.07		Woods: Light underbrush n= 0.400 P2= 3.40*
5.1	215	0.0200	0.71		Shallow Concentrated Flow, B-C
J . 1	210	0,0200	U. , 1		Woodland Kv= 5.0 fps
0.4	30	0.0300	1.21		Shallow Concentrated Flow, C-D
•	•-	*			Short Grass Pasture Kv= 7.0 fps
0.4	60	0.0150	2.49		Shallow Concentrated Flow, D-E
					Paved Kv= 20.3 fps
17.9	355	Total			

Subcatchment DA-2: Site Runoff



Proposed Conditions

Type III 24-hr 2-year Rainfall=3.44"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 8

Summary for Pond 1P: Detention Basin

Inflow Area =

0.752 ac, 66.38% impervious, Inflow Depth > 1.66" for 2-year event

Inflow = Outflow =

1.69 cfs @ 12.03 hrs, Volume≂

0.104 af 0.104 af, Atten= 92%, Lag= 69.7 min

Discarded =

0.13 cfs @ 13.19 hrs, Volume= 0.13 cfs @ 13.19 hrs, Volume=

0.104 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Peak Elev= 26.91° @ 13.19 hrs Surf.Area= 2,352 sf Storage= 1,873 cf

Plug-Flow detention time= 144.1 min calculated for 0.104 at (100% of inflow)

Center-of-Mass det. time= 142.0 min (974.0 - 832.0)

<u>Volume</u>	Inver	t Avail,St	orage Storage	Description		
#1	26.00	12,	998 of Custom	Stage Data (Coni	c)Listed below	
Elevation (fee		iurf.Area (sq-ft)	tnc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)	
26.0 27.0	30 00	1,725 2,415	0 2,060	2,060	1,725 2,433	
28.0 29.0 30.0	00	3,214 4,010 5,067	2,805 3,605 4,528	4,865 8,470 12,998	3,254 4,078 5,162	
Device	Routing	Inver		·	0,102	
#1	Discarded	26.00	2.410 in/hr E	xfiltration over 8u	rface area	

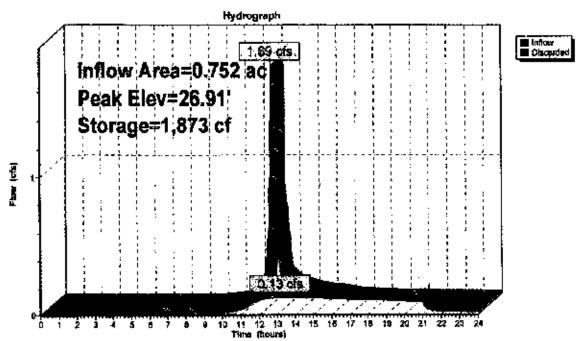
Discarded OutFlow Max=0.13 cfs @ 13.19 hrs HW=26.91' (Free Discharge) 1. Exhibitration (Exhibitration Controls 0.13 cfs)

Printed 1/31/2022

Prepared by JC Engineering Inc. HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 9

Pond 1P: Detention Basin



Proposed Conditions

Type III 24-hr 2-year Rainfall=3.44"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 10

Summary for Pond 2P: Detention Basin

2.426 ac, 30.30% Impervious, Inflow Depth > 0.46" for 2-year event Inflow Area =

loffow 0.60 cfs @ 12.36 hrs, Volume= 0.094 af

0.21 cfs @ 13.05 hrs, Volume= 0.21 cfs @ 13.05 hrs, Volume= Outflow = 0.093 af, Atten= 65%, Lag= 41.7 min

Discarded = 0.093 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Peak Elev= 26.18' @ 13.05 hrs Surf.Area= 3,746 sf Storage= 734 cf

Plug-Flow detention time= 29.6 min calculated for 0.093 af (99% of inflow)

Center-of-Mass det. time= 26.4 min (950.0 - 923.6)

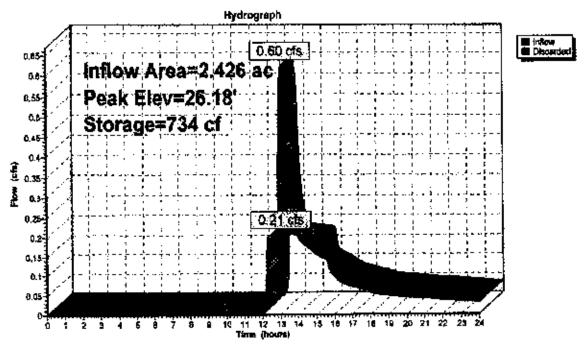
Volume	Inver	t Avail.St	orage Storag	e Description		
#1	26.00)' 23,1	817 of Custo	m Stage Data (Co	nic)Listed below	
Elevatio		Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)	
26.0	00	3,553	0	0	3,553	
27.0 28.0		4,626	4,078 5,334	4,078	4,650 6,121	
29.0		6,075 7,198	6,629	9,412 16,040	7,281	
30.0	00	8,369	7,776	23,817	8,493	
Device	Routing	Invert	t Outlet Devic	es		
#1	Discarded	26.00	2.410 in/hr	Exfiltration over S	urface area	

Discarded OutFlow Max=0.21 cfs @ 13.05 hrs HW=26.18' (Free Discharge)
—1=Exfiltration (Exfiltration Controls 0.21 cfs)

Proposed Conditions
Prepared by JC Engineering Inc.
HydroCAD® 10.00-72 s/n 02717 © 2018 HydroCAD Software Solutions ELC

Page 11

Pond 2P: Detention Basin



Proposed Conditions

Type III 24-hr 10-year Rainfall≈5.05"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 12

Time span=0.00-24.00 hrs, dt=0.01 hrs, 2401 points Runoff by SCS TR-20 method, UH=SCS, Weighted-CN Reach routing by Stor-Ind method - Pond routing by Stor-Ind method

Subcatchment DA-1: Site Runoff

Runoff Area=32,772 sf 66.38% Impervious Runoff Depth>3.03"

Flow Length=168' Slope=0.0100 '/ Tc=1.9 min CN=81 Runoff=3.10 cfs 0.190 af

Subcatchment DA-2: Site Runoff

Runoff Area=105,667 sf 30.30% Impervious Runoff Depth>1.26°

Flow Length=355' Tc=17.9 min CN=59 Runoff=2.22 cfs 0.254 af

Peak Elev=27.70' Storage=4,026 cf Inflow=3.10 cfs 0.190 af

Outflow=0.17 cfs 0.165 af

Pond 2P: Detention Basin

Pond 1P: Detention Basin

Peak Elev=27.09' Storage=4,575 cf Inflow=2.22 cfs 0.254 af

Outflow=0.27 cfs 0.242 af

Total Runoff Area = 3.178 ac Runoff Volume = 0.444 af Average Runoff Depth = 1.68" 61.16% Pervious = 1.944 ac 38.84% Impervious = 1.234 ac

HydroCAD® 10.00-22 s/n 02717 @ 2018 HydroCAD Software Solutions LLC

Page 13

Summary for Subcatchment DA-1: Site Runoff

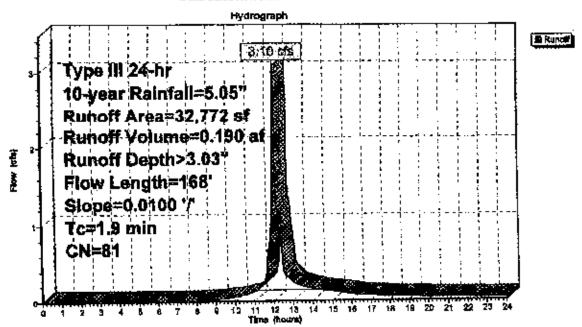
Runoff = 3.10 cfs @ 12.03 hrs, Volume=

0.190 af, Depth> 3.03"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs. Type III 24-hr: 10-year Rainfalt=5.05"

A	rea (st)	CN I	Description			
	21,765	98 I	aved park	ing, HSG A	I	
	1,140	36 1	Moods, Feli	r, ĤSG A		
	9,877	49 1	^p asture/gra	ssland/rang	ge, Fair. HSG A	
	32,772	81 1	Neighted A	verage		
	11,017	:	33.62% Per	vious Area		•
	21,755	(88.38% lmp	pervious An	ea	
To (min)	Length (feet)	Slope (ft/ft)		Capacity (cfs)	Description	.
0.9	50	0.0100			Sheet Flow, A-B	
1.0	118	0.0100	2.03		Smooth surfaces n= 0.011 P2= 3.40" Shellow Concentrated Flow, B-C Paved Kv= 20.3 fps	
1.9	168	Total				

Subcatchment DA-1: Site Runoff



Printed 1/31/2022

Page 14

Summary for Subcatchment DA-2: Site Runoff

Runoff

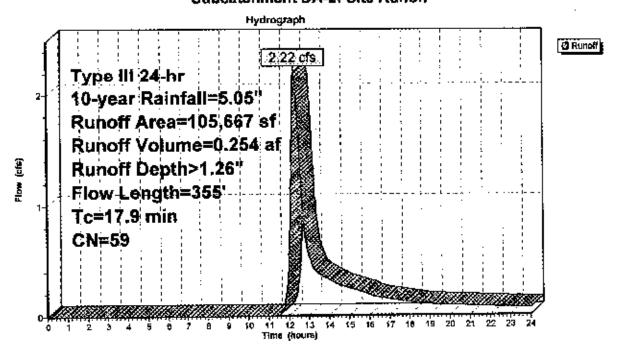
2.22 cfs @ 12.28 hrs, Volume=

0.254 af, Depth> 1.26"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type III 24-hr 10-year Rainfall=5.05"

. А	rea (sf)	CN E	escription		
	32,015			ng, HSG A	
	42,960		Voods, Fair		•
	30,692				ge, Fair, HSG A
-	05,667		Veighted A		
'	73,652			vious Area	
		-			
	32,015	3	מווזו שיטב.טי	ervious An	69
Tc	Length	Stope	Velocity	Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
12.0		0.0200	0.07	- -	Sheet Flow, A-B
		*.**			Woods: Light underbrush n= 0.400 P2= 3.40"
5.1	215	0.0200	0.71		Shallow Concentrated Flow, B-C
		-			Woodland Kv= 5.0 fps
0.4	30	0,0300	1.21		Shallow Concentrated Flow, C-D
•.,		_,			Short Grass Pasture Kv= 7.0 fps
0.4	60	0.0150	2.49		Shallow Concentrated Flow, D-E
٠		2.2100			Paved Kv= 20.3 fps
17.9	355	Tota!			

Subcatchment DA-2: Site Runoff



Type III 24-hr 10-year Rainfall=5.05"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCADte 10.06-22 s/n 02717 © 2016 HydroCAD Software Solutions LLC

Page 15

Summary for Pond 1P: Detention Basin

Inflow Area = 0.752 ac, 66.38% Impervious, Inflow Depth > 3.03° for 10-year event

Inflow = 3.10 cfs @ 12.03 hrs, Volume= 0.190 at

Outflow = 0,17 cfs @ 13.93 hrs, Volume= 0.165 at, Atten= 95%, Lag= #14.2 min

Discarded = 0.17 cfs @ 13.93 hrs, Volume= 0.165 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Peak Elev= 27.70' @ 13.93 hrs Surf, Area= 2,975 sf Storage= 4,026 cf

Plug-Flow detention time= 257.0 min calculated for 0.165 af (87% of inflow)

Center-of-Mass det, time= 198.1 min (1,012.7 - 814.6)

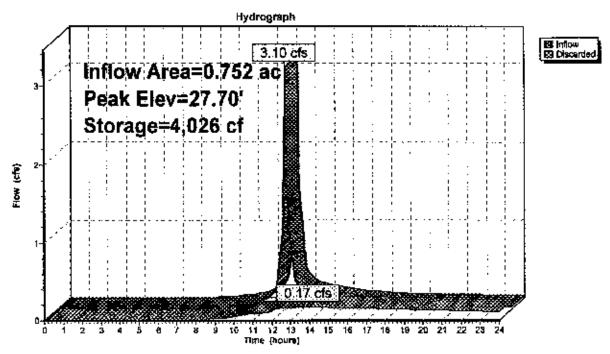
Volume	Invert	Avail.Sto	rage Storage	Description		
#1	26.00'	12,99	38 of Custom	Stage Data (Conl	c)Listed below	
Elevation (feet)		.Area (<u>sq-ft)</u>	.Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet Area (sq-ft)	
28.00 27.00 28.00 29.00 30.00		1,725 2,415 3,214 4,010 5,067	0 2,060 2,805 3,605 4,528	0 2,060 4,865 6,470 12,998	1,725 2,433 3,254 4,078 5,162	
	outing scarded	Invert 26,00'	Outlet Device	s xfiltration over Su	rface area	

Printed 1/31/2022

Proposed Conditions Type
Prepared by JC Engineering Inc.
HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions U.C.

Page 16

Pond 1P: Detention Basin



Prepared by JC Engineering Inc.

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 17

Summary for Pond 2P: Detention Basin

Inflow Area =

2.426 ac, 30.30% Impervious, Inflow Depth > 1.26" for 10-year event

Inflow

0.254 af

Outflow

0.242 af, Atten= 88%, Lag= 148.4 min

Discarded =

2.22 cfs @ 12.28 hrs, Volume= 0.27 cfs @ 14.75 hrs, Volume= 0.27 cfs @ 14.75 hrs, Volume=

0.242 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, df= 0.01 hrs Peak Elev= 27.09 @ 14.75 hrs Surf. Area= 4.761 sf Storage= 4.575 cf

Plug-Flow detention time= 203.0 min calculated for 0.242 at (95% of inflow) Center-of-Mass det. time= 179.6 min (1,065.4 - 885.8)

Votume	Inver	t Avail.St	orage Storage	Description		
#1	26.00), 23,	817 of Custom	Stage Data (Coni	c)Listed below	
Etevation (fee		Surf.Area (sq-fl)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ff)	
26.0 27.0 28.0 28.0	30 30 30	3,553 4,626 6,075 7,198	0 4,076 6,334 6,629	0 4,078 9,412 16,040	3,553 4,650 6,121 7,281	
30.0		8,369	7,778	23,817	8,493	
Device	Routing	Inver				
#1	Discarded	26.00	" 2.410 ln/hr 🖹	xfiltration over Su	rface area	

Discarded OutFlow Max=0.27 cfs @ 14.75 hrs HW=27.09' (Free Discharge)
1=1=Exfitration (Exfitration Controls 0.27 cfs)

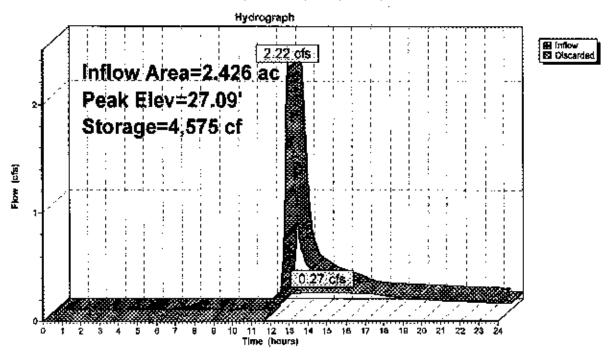
Prepared by JC Engineering Inc.

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Printed 1/31/2022

Page 18

Pond 2P: Detention Basin



Type III 24-hr 25-year Rainfali=8,05°

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 @ 2018 HydroCAD Software Solutions LLC

Page 19

Time span=0.00-24,00 hrs, dt=0.01 hrs, 2401 points Renoff by SCS TR-20 method, UH≃SCS, Weighted-CN Reach routing by Stor-Ind method - Pond routing by Stor-Ind method

Subcatchment DA-1: Site Runoff

Runoff Area=32,772 of 68.36% Impervious Runoff Depth>3.93"

Flow Length=168' Slope=0.0100 // Tc=1.9 min CN=81 Runoff=3.99 cfs 0.246 af

Subcatchment DA-2: Site Runoff

Runoff Area=105,667 sf 30.30% Impervious Runoff Depth>1.86* Flow Length=355' Tc=17.9 min CN=59 Runoff=3.49 cfs 0.376 af

Pond 1P: Detention Basin

Peak Elev=28.19' Storage=5,547 cf inflow=3.99 cfs 0.248 af

Outflow=0.19 cfs 0.193 at

Pond 2P: Detention Basin

Peak Elev=27.73' Storage=7,952 cf Inflow=3.49 cfs 0.376 af

Outflow=0.32 cfs 0.294 af

Total Runoff Area = 3.178 ac Runoff Volume = 0.623 af Average Runoff Depth = 2.35" 61.15% Pervious = 1.944 ac 38.84% Impervious = 1.234 ac

Prepared by JC Engineering Inc.

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Printed 1/31/2022 Page 20

Summary for Subcatchment DA-1: Site Runoff

Runoff :

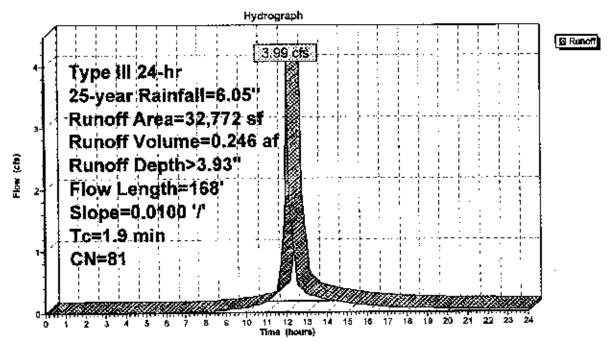
3.99 cfs @ 12.03 hrs, Volume=

0.246 af, Depth> 3.93"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs. Type iii 24-hr 25-year Rainfall=6.05"

	A	rea (sf)	CN 3	Description		
		21,755	98	aved park	ing, HSG A	
		1,140	36	//oods, Fai	r, HSG A	
		9,877	49	Pasture/gra	sstand/rang	ge, Fair, HSG A
_		32,772	81	Weighted A	verage	
		11,017		_	vious Area	
		21,755	(36.38% lmp	pervious An	ea
	Ta (min)	Length (feet)	Slope (ft/ft)		Capacity (cfs)	Description
	0.9	50	0.0100			Sheet Flow, A-B Smooth surfaces n= 0.011 P2= 3.40"
	1.0	118	0.0180	2.03		Shallow Concentrated Flow, B-C Peved Kv= 20.3 fps
	1.9	168	Total			

Subcatchment DA-1: Site Runoff



Prepared by JC Engineering Inc. HydroCAD® 10.00-22 sin 02717 © 2018 HydroCAD Software Solutions LLC

Page 21

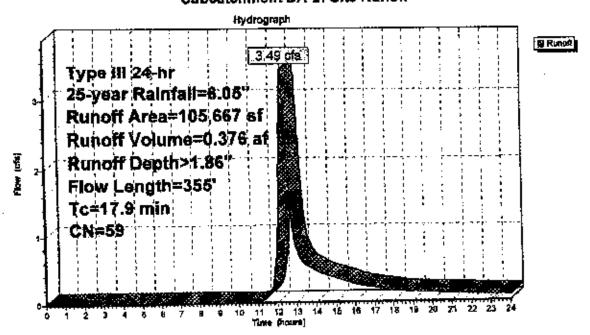
Summary for Subcatchment DA-2: Site Runoff

Runoff 3.49 cfs @ 12.27 hrs, Volume= 0.376 af, Depth> 1.86"

Runoff by SCS TR-20 method, UR=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type III 24-hr 25-year Rainfali≐6.05".

Α	rea (sf)	CN D	escription		
	32,015	98 P	aved parki	ing, HSG A	•
	42,960		voods, Faii		
	30,692	49 P	asture/gra	ssland/rang	ge, Feir, HSG A
1	05,667	59 V	Veighted A	verage	
	73,852			vious Area	1
	32,015	3	0.30% imp	ervious Ar	ea
Τc	Length	Slope	Velocity	Сараску	Description
(min)	(feat)	(作作)	(ft/sec)	(cfs)	
12.0	50	0.0200	0.07		Sheet Flow, A-B
					Woods: Light underbrush in= 0.400 P2= 3.40"
5.1	215	0.0200	0.71		Shallow Concentrated Flow, B-C
					Woodland Kv= 5.0 fps
0.4	30	0.0300	1.21		Shallow Concentrated Flow, C-D
					Short Grass Pasture Kv= 7.0 fps
0.4	60	0.0150	2.49		Shallow Concentrated Flow, D-E Paved Kv= 20.3 fps
17.0	255				Lanco VA- Y019 Ibb
17.9	355	Total			

Subcatchment DA-2: Site Runoff



Type III 24-hr 25-year Rainfall=6.05"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 22

Summary for Pond 1P: Detention Basin

Inflow Area = 0.752 ac, 68.38% Impervious, Inflow Depth > 3.93" for 25-year event

Inflow = 3.99 cfs @ 12.03 hrs, Volume= 0.246 af

Outflow = 0.19 cfs @ 14.26 hrs, Volume= 0.193 af, Atten= 95%, Lag= 133.9 min

Discarded = 0.19 cfs @ 14.26 hrs, Volume= 0.193 af

Routing by Stor-Ind method, Time Span= 0.00-24,00 hrs, dt= 0.01 hrs Peak Elev= 28.19' @ 14.26 hrs Surf.Area= 3,364 sf Storage= 5,547 cf

Plug-Flow detention time= 280.4 min calculated for 0.193 af (78% of inflow)

Center-of-Mass det. time= 200.7 min (1,008.0 - 807.2)

Volume_	Invert	Avail.Sto	rage Storage	Description		
#1	26.00	12,99	98 of Custom	Stage Data (Coni	c)Listed below	
Elevatio		urf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)	
26.0 27.0 28.0 29.0 30.0	00 00 00 00	1,725 2,415 3,214 4,010 5,067	0 2,060 2,805 3,605 4,528	0 2,060 4,865 8,470 12,998	1,725 2,433 3,254 4,078 5,162	
Device	Routing	Invert	Outlet Devices	•		

Discarded OutFlow Mex=0.19 cfs @ 14.26 hrs HW=28.19' (Free Discharge)
1.1=Exfiltration (Exfiltration Controls 0.19 cfs)

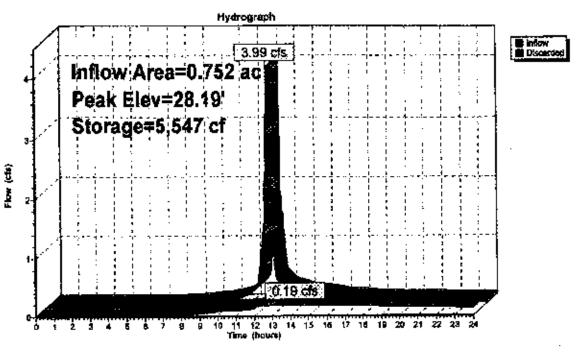
Printed 1/31/2022

Prepared by JC Engineering Inc.

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions ELC

Page 23

Pond 1P: Detention Basin



Type III 24-hr 25-year Rainfall=6.05"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 24

Summary for Pond 2P: Detention Basin

Inflow Area = 2.426 ac, 30.30% Impervious, Inflow Depth > 1.86" for 25-year event

Inflow 0.376 af

3.49 cfs @ 12.27 hrs, Volume= 0.32 cfs @ 15.34 hrs, Volume= 0.32 cfs @ 15.34 hrs, Volume= Outflow 0.294 af, Atten= 91%, Lag= 184.0 min

Discarded = 0,294 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Peak Elev= 27.73' @ 15.34 hrs Surf.Area= 5,678 sf Storage= 7,952 cf

Plug-Flow detention time= 275.5 min calculated for 0.294 at (78% of inflow)

Center-of-Mass det. time= 190.7 min (1,063.9 - 873.2)

Volume	Invert	Avail.Stor	rage Storage	Description		
#1	26.00	23,8	7 cf Custom	Stage Data (Conl	c)Listed below	
Elevation (feet		ırf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)	
26.00 27.00 28.00		3,553 4,626 6,075	0 4,078 5,334	0 4,078 9,412	3,553 4,650 6,121	
29.00 30.00		7,198 8,369	6,629 7,776	16,040 23,817	7,281 8,493	
	Routing Discarded	Invert 26.00°	Outlet Devices	s diltration over Su	rfaco area	

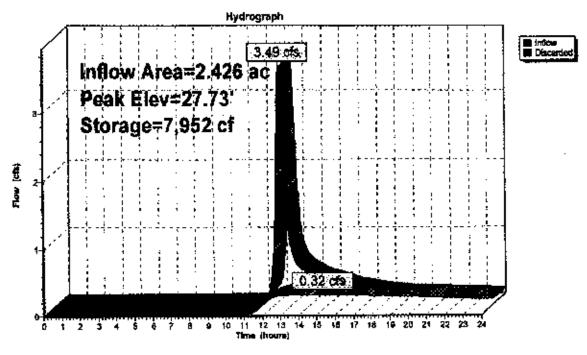
Discarded OutFlow Max=0.32 cfs @ 15.34 hrs HW=27.73' (Free Discharge)
—1=Exfiltration (Exfiltration Controls 0.32 cfs)

Printed 1/31/2022

Prepared by JC Engineering Inc. HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 25

Pond 2P: Detention Basin



Type III 24-hr 100-year Rainfall=7.59"

Prepared by JC Engineering Inc.

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 26

Printed 1/31/2022

Time span=0.00-24.00 hrs, dt=0.01 hrs, 2401 points Runoff by SCS TR-20 method, UH=SCS, Weighted-CN Reach routing by Stor-Ind method - Pond routing by Stor-Ind method

Subcatchment DA-1: Site Runoff

Runoff Area=32,772 sf 66.38% Impervious Runoff Depth>5.35"

Flow Length=168' Slope=0.0100 '/ Tc=1.9 min CN=81 Runoff=5.39 cfs 0.336 at

Subcatchment DA-2: Site Runoff

Runoff Area=105,687 sf 30.30% Impervious Runoff Depth>2.91" Flow Length=355' Tc=17.9 min CN=59 Runoff=5.68 cfs 0.588 af

Pond 1P: Detention Basin

Peak Elev=28.90' Storage=8,098 cf Inflow=5.39 cfs 0.336 af

Outflow=0.22 cfs 0.233 af

Pond 2P: Detention Basin

Peak Elev=28.72' Storage=14,169 cf Inflow=5.68 cfs 0.588 af

Outflow=0.38 cfs 0.378 af

Total Runoff Area = 3.178 ac Runoff Volume ≈ 0.924 af Average Runoff Depth = 3.49" 61.16% Pervious = 1.944 ac 38.84% Impervious = 1.234 ac

Prepared by JC Engineering Inc. HydroCAD9 10:00-22 e/n 02717 @ 2018 HydroCAD Software Solutions LLC

Page.27

Summary for Subcatchment DA-1: Site Runoff

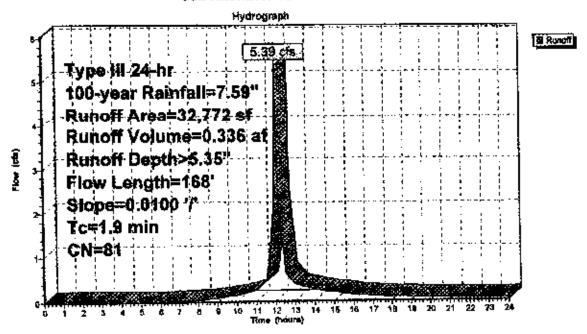
Runoff 5.39 cfs @ 12.03 hrs, Volume≃

0.336 af, Depth> 5.35"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type III 24-hr 100-year Rainfall=7.59"

	Area (sf)	CN I	Description		
	21,755	98	Paved park	ing, HSG A	
	1,140	36 1	Voods, Fai	r, HSG A	
	9,877	49 [⁵ asture/gra	ssland/rand	ge, Fair, HSG A
••••	32,772	B1 1	Weighted A	verage	
	11,017		•	rvious Area	
	21,755	(38.38% lms	pervious Are	ea
To (min)		Slope (ft/ft)		Capacity (cfs)	Description
0.9	50	0.0100	0.94		Sheet Flow, A-B Smooth surfaces n= 0.011 P2= 3.40"
1.0	118	0.0100	2.03		Shallow Concentrated Flow, B-C Paved Kv= 20.3 fps
1 0	168	Total			

Subcatchment DA-1: Site Runoff



Printed 1/31/2022

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 28

Summary for Subcatchment DA-2: Site Runoff

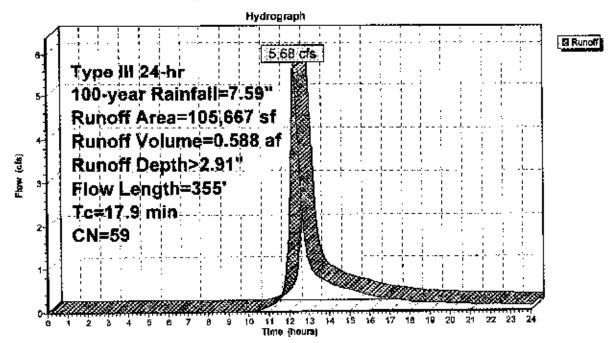
Runoff = 5.68 cfs @ 12.26 hrs, Volume=

0.588 af, Depth> 2.91*

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Type III 24-hr 100-year Rainfall=7.59"

Α	rea (sf)	CN D	escription		
	32,015	98 P	aved parki	ing, HSG A	
	42,960		Voods, Fai		
	30,692				ge, Fair, HSG A
	05,667		Veighted A	verage	
	73,652			vious Area	
	32,015			ervious Ar	
	QZ,Q15	-	0.50 % mp		
Τc	Length	Slope	Velocity	Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	·
12.0	50	0.0200	0.07		Sheet Flow, A-B
					Woods: Light underbrush n= 0.400 P2= 3.40"
5.1	215	0.0200	0.71		Shallow Concentrated Flow, B-C
					Woodland Kv= 5.0 fps
0.4	30	0.0300	1,21		Shallow Concentrated Flow, C-D
					Short Grass Pasture Kv= 7.0 fps
0.4	60	0.0150	2.49		Shallow Concentrated Flow, D-E
					Payed Kv= 20.3 fps
17.9	355	Total			,

Subcatchment DA-2: Site Runoff



Type III 24-hr 100-year Reinfelf=7.59"

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCAD® 10.00-22 stn 02717 @ 2018 HydroCAD Software Solutions LLC

Page 29

Summary for Pond 1P: Detention Basin

Inflow Area = 0.752 ac, 66.38% Impervious, Inflow Depth > 5.35" for 100-year event

Inflow = 5.39 cfs @ 12.03 hrs, Volume= 0.336 af

Outflow = 0.22 cfs @ 14.69 hrs, Volume= 0.233 af, Atten= 96%, Lag= 159.7 min

Discarded = 0.22 cfs @ 14.69 hrs, Volume= 0.233 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Feak Elev= 28.90' @ 14.69 hrs | Surf.Area= 3,928 sf | Storage= 8,098 cf

Plug-Flow detention time= 298.4 min calculated for 0.233 af (69% of inflow).

Center-of-Mass det. time= 205.0 min (1,003.5 - 798.5)

Volume .	, jiwert	Avail.Sto	rage Storage	Description		
#1	26.00'	12,99	98 cf Cuetom	Stage Data (Coni	c)Listed below	
Elevation (feet)		rf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)	
25.00 27.00 28.00 29.00 30.00	} }	1,725 2,415 3,214 4,010 5,067	0 2,060 2,805 3,605 4,528	0 2,089 4,865 8,470 12,998	1,725 2,433 3,254 4,078 5,162	
Device 1	Routing	Invert	Outlet Device:	s		····
#1	Discarded	26,00	2,410 in/hr Ex	ditration over Su	rface area	

Discarded OutFlow Max=0.22 cfs @ 14.89 hrs HW=28.90' (Free Discharge)
1—1=Exfiltration (Exfitration Controls 0.22 cfs)

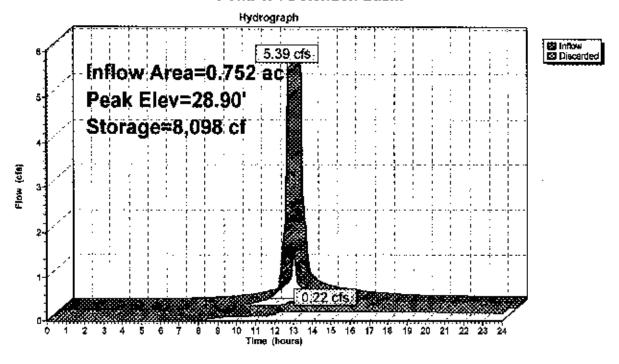
Printed: 1/31/2022

Prepared by JC Engineering Inc.

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 30

Pond 1P: Detention Basin



Type III 24-hr 100-year Rainfalt=7.59*

Prepared by JC Engineering Inc.

Printed 1/31/2022

HydroCADS 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Page 31

Summary for Pond 2P: Detention Basin

Inflow Area = 2.428 ac, 30.30% Impervious, Inflow Depth > 2.91° for 100-year event

Inflow 0.588 af

5.68 cfs @ 12.26 hrs, Volume= 0.38 cfs @ 15.87 hrs, Volume= 0.38 cfs @ 15.87 hrs, Volume= Outflow = 0.376 af, Atten= 93%, Lag= 216.7 min

Discarded = 0.378 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.01 hrs Peak Elev= 28.72' @ 15.87 hrs | Surf.Area= 6,881 sf | Storage= 14,169 cf

Plug-Flow detention time= 312.0 min calculated for 0.376 at (64% of inflow)

Center-of-Mass det. time= 202.8 min (1,062.5 - 859.7)

Volume	Invert Av	eil.Storage Storage	e Description		
#1	26.00'	23,817 cf Custon	m Stage Data (Con	c)Listed below	
Elevation (feet)	Surf.Area (sq-ft)		Curn.Store (cubic-feet)	Wet.Area (sq-ft)	
26.00 27.00 28.00 29.00 30.00	3,553 4,626 6,075 7,198 8,369	4,078 5,334 6,629	0 4,078 9,412 16,040 23,817	3,553 4,650 6,121 7,281 8,493	
	····	Invert Outlet Devic	es Exfiltration over Su	Information	

Prepared by JC Engineering Inc.

HydroCAD® 10.00-22 s/n 02717 © 2018 HydroCAD Software Solutions LLC

Printed 1/31/2022

Page 32

Pond 2P: Detention Basin

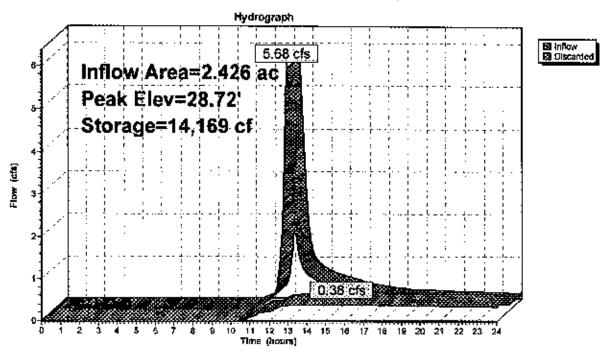


EXHIBIT G

APPLICATION FOR SITE PLAN REVIEW

Page 1

Applicant:	Name: David Sergi
	Mailing address:21 Patterson Brook Road, Suite G, W. Wareham, MA 02576
	Telephone: 888-436-5383
Project:	Street & Number: 8 & 10 Charge Pond Road
	Assessor's Map: 110 Lot(s) 1035 & 1076
	Owelling Units #
	Parking Spaces # 33
	Acres: 3.21 Square Feet Commercial Space: 53,307 S.F.
Briefly desc with assoc	ribe project: This project involves the construction of a proposed landscaping building steed parking, grading, drainage, septic system, and utilities.
Date:	2-28-2
Signature o	f Applicant: Representative

APPLICATION FOR SITE PLAN REVIEW

Page 2

[et		- L			_
LET	nr	31	илт	тв	n

Please list the names of all abutters, owners of land directly opposite on any public or private street
or way, and abutters to the abutters within three hundred feet of the property line of the petitioner
as they appear on the most recent applicable tax list.

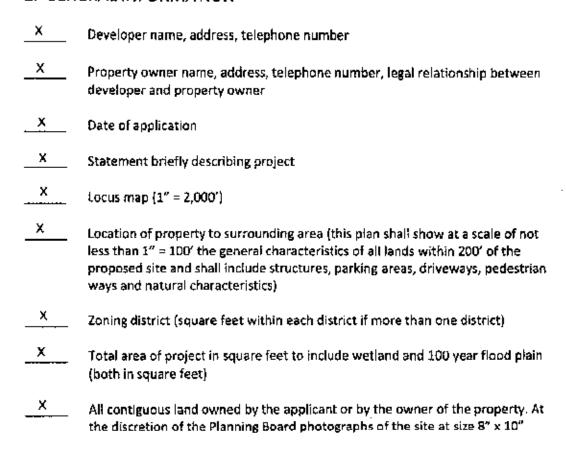
See attached certified abu	tters list				
			•		
		•			
•					
					·-
				-	
	· · · · · · · · · · · · · · · · · · ·				. .
-					
				<u>-</u>	
	·				
	·				
<u>.</u>					
	·				

\\nas-dell\Users\Planning\Site Plan Review Application.docx

SITE PLAN REVIEW CHECKLIST

Plans shall be prepared by a registered architect, landscape architect, or Professional Engineer. 14 complete sets are required with the following information included:

1. GENERAL INFORMATION



2. EXISTING FEATURES

Plans shall be accurately drawn to a scale of 1'' = 20, 1'' = 40', or 1'' = 100' where practical and appropriate to the size of the proposal and shall show all existing natural, manmade, and legal features of the site. Such plans are to include but not be limited to the following:

<u> </u>	Tree line of wooded area
x	Individual trees 18" dbh or over
N/A	Bogs or agricultural areas

N/A	All wetlands protected under CMR 10.02 (1) (a-d)
X	Flood plain (100 years) with base flood elevation data
x	Contour lines (2' intervals)
X	General soil types
2b. EX19	STING MANMADE FEATURES
<u>x</u>	Vehicle accommodation areas
x	Street, roads, private ways, walkways
<u>x</u>	Curbs, gutters, curb cuts, drainage grates
<u>x</u>	Storm drainage facilities, including manholes
x	Utility lines, including water, sewer, electric, telephone, gas, cable TV
<u> </u>	Fire hydrants and location of dumpsters
<u> X</u>	Building, structures, and signs (free standing), including dimensions of each
<u>x</u>	Existing light fixtures
2C. EXIS	STING LEGAL FEATURES
<u>x</u>	Zoning of property (district lines)
<u> </u>	Property lines (with dimensions identified)
x	Street right of way lines
<u>x</u>	Utility or other easement lines
x_	Monuments

3. THE DEVELOPMENT PLAN

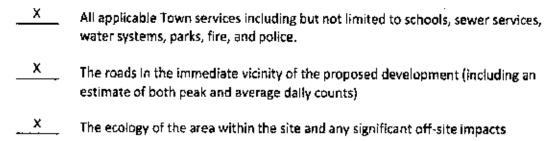
The development plan shall show proposed changes in the (a) existing natural features; (b) existing man made features and (c) existing legal features.

The Development Plan shall include:

N/A	Square feet in every new lot
<u>x</u>	Lot dimensions
<u>x</u>	Location and dimensions of all buildings and free standing signs as well as the distances from all buildings to lot lines, streets, or street right of way
x	Building elevations (side, front, and back for a typical unit) showing building height and any proposed wall signs
X	Location, dimensions, and designated use for all recreation areas
<u>x</u>	Location and dimension of all open space; indicate whether open space is to be dedicated to public use or to remain private
<u>x</u>	Streets (including street names) which conform to the design standards of the Planning Board's Rules and Regulations Governing the Subdivision of Land
x	Curbs and gutters, curb cuts, drainage grates
x	Drainage facilities including manholes, pipes, drainage ditches, and retention ponds
X	Sidewalks and walkways showing widths and materials
x	Outdoor illumination with lighting fixture size and type identified
<u>x</u>	Utilities; water, sewer, electric, telephone, gas, cable TV
_x	Fire hydrant location
x	Dumpster (trash collection facilities)
x	New contour lines resulting from earth movement (at 2' intervals) and indications of types of ground cover and other precautions to stabilize slopes
<u>x</u>	Vehicle parking, loading, and circulation areas showing dimensions
<u>x</u>	Proposed new plantings by size and location or construction of other devices to comply with screening and shading requirements

4. IMPACT STATEMENT

In order to evaluate the impact of the proposed development to Town services and the welfare of the community, there shall be submitted an impact statement in two parts.



Part Two shall describe what actions have been taken to mitigate the impacts described in Part One

This application constitutes the applicant's willingness to work under the Town of Wareham's Zoning Bylaws. Any errors or omissions from this checklist or the Zoning Bylaw may result in the application not being placed on a Planning Board Agenda or denial of the Site Plan.

Site Plan Review Application Checklist

Note to Applicant(s): The following checklist serves as an instrument to help ensure that all necessary information and materials are submitted with the application for Site Plan Review. Please verify that all related items listed below have been accounted for in your submission. (Refer to Article 15 of the Zoning 8y-Law of the Town of Wareham, Massachusetts, adopted October 2004).

Name of site:	8 & 10 Charge Pond Road	Date: 12-30-21
	Nittiam Lee Jr.	
	Fuller Road, Trumbull, CT 06611	
Telephone Nu	mber:	Cell Phone:
Developer(s):	David Sergi	
Address: 21	Patterson Brook Road, Suite G, W	. Wareham, MA 02576
Telephone Nu	mber: <u>888-436-5383</u>	Cell Phone:
Relationship I	setween Developer & Property	Owner: Developer seeks to purchase property
Surveyor: 🛒	Engineering Inc	
Engineer:	C Engineering Inc	
	Cape Building Systems, Inc	
Landscape Arc	chitect:	

ITEM	Complete
Application for Site Plan Review - Special Permit filed with Planning Board	Х
(14 copies of application and supplementary materials)	Х
Application for Special Permit - Residential Cluster Development filed with Planning Board	
(11copies of application and supplementary materials)	
Copies filed with Town Clerk	Х
Filing Fees	Х
GENERAL INFORMATION	
Developer Name, address, telephone number	Х
Property Owner Name, address, telephone number	Х
Date of Application	Х
Statement briefly describing project	X
Locus Map (1" = 2,000')	X
Location of property to surrounding area (scale should be no less than $1'' = 100'$) and general characteristics of all lands within 200' of the proposed site including structures, parking areas, driveways, pedestrian ways, and natural characteristics	x

Zoning		
	district (sq. feet within each district if more than one)	Х
Total a	rea of project to include wetland and 100 year floodplain (both in sq. feet)	Х
All con	tiguous land owned by the applicant or by owner of property	Х
	raphs of site (8" by 10") – at discretion of Permitting Authority	
	abutters, certified by Board of Assessors	X
Numbe	er of dwellings which could be constructed by means of a conventional	
	pment plan, considering the whole tract, exclusive of water bodies and	
	ohibited from development by legally enforceable restrictions, easements,	
	enants. This includes:	
•	Any bank, freshwater wetland, coastal wetland, beach, dune, flat, marsh,	
_	or swamp bordering the ocean, any estuary, creek, river, stream, pond, or	
	lake	
	Lake under any of the water bodies listed above;	
Ĭ	Land subject to tidal action	
•	Land subject to coastal storm flowage or slopes in excess of fifteen (15)	
•	percent are not to be counted in figuring the number of permissible units	
	of conventional development.	
F	EXISTING FEATURES	
	1" = 20', 1" = 40', or 1" = 100' where practical and appropriate to the size of	X
	aposal) Must include a minimum of the following:	
1.	Existing Natural Features	
	a. Tree line of natural area;	
	b. Individual trees 18" dbh or over;	
	c. Bogs or agricultural areas;	х
	d. All wetlands protected under 310 CMR 10.D1 (1) (a-d); floodplain (100	
	year) with base flood elevation data;	
	e. Contour lines (2' Intervals);	
	f. General soil types.	
Z.	Existing Man-Made Features	
	, , , , , , , , , , , , , , , , , , , ,	
	1	
		v
		Α
	· · · · · · · · · · · · · · · · · · ·	
	-	
	·	
2		
3.	T T	
	—	v
		^
	d. Utility or other easement lines;	
3.	 a. Vehicle accommodation areas; streets, roads, private ways, walkways; b. Curbs, gutters, curb cuts, drainage grates; c. Storm drainage facilities including manholes; d. Utility lines including water, sewer, electric, telephone, gas, cable TV; e. Fire hydrants and location of dumpsters; f. Buildings, structures, and signs (free standing) including dimensions of each; g. Exterior lighting features. Existing Legal Features a. Zoning of property (district lines); b. Property lines (with dimensions identified); c. Street right-of-way lines; 	x

	DEVELOPMENT PLAN	
	sed changes to existing natural features, existing man-made features, and	X
	g legal features including the following:	
	Area of each new lot in square feet;	
•	Lot dimensions;	X
•	Location and dimensions of all buildings and freestanding signs as well as the distances from all buildings to lot lines, streets, or street;	X
•	Location, dimension, and designated use for all recreation areas;	х
•	Location and dimension of all open space (Indicate whether such open space is to be dedicated to public use or remain private);	×
•	Streets (including street names) which conform to the design standards of the Planning Board's Rules and Regulations Governing the Subdivision of Land;	×
•	Curbs and gutters, curb cuts, drainage grates;	X
+	Drainage facilities including manholes, pipes, drainage ditches, and retention ponds;	х
•	Sidewalks and walkways showing widths and materials;	X
•	Outdoor illumination with lighting fixture size and type identified;	Χ .
•	Utilities – Water, sewer, electric, telephone, gas, cable TV;	X
	Fire hydrant locations;	<u>x</u>
•	Dumpster (trash collection facilities);	X
•	New contour lines resulting from earth movement (2' intervals) and	··· ··
	indications of types of ground cover and other precautions to stabilize slopes;	×
•	Vehicle parking, loading, and circulation areas showing dimensions and layout of parking spaces, travel lanes, alsles, and driveways;	х
•	Proposed new plantings by size and location or construction of other devices to comply with screening and shading requirements.	х
	IMPACT STATEMENT	••
all app	ne: Description of neighborhood and impact of proposed development on plicable town services including but not limited to schools, sewer service, system, parks, fire, and police protection;	×
	report of existing and future traffic within and adjacent to proposed opment. (Include estimate of both peak and average daily traffic count);	×
Analy:	sis of site in regards to wetlands, coastal wetlands, slopes, soil conditions, ear flood plain, and other natural features as Planning Board may request;	×
Enviro enviro	nmental Impact Assessment Report relating to proposed plan and copy of commental impact report if otherwise required in order to illustrate the gy of the area within the site and any significant off-site impacts;	х
Evalu: locati	ation of open land proposed within cluster, with respect to size, shape, on, natural resource value, and accessibility by residents of the Town or of uster;	x

Part Two: Description of actions that have been taken to mitigate the impacts	v
described in Part One.	*

TOWN OF WAREHAM ANR/SUBIDIVISION/SITE PLAN REVIEW FORM

Check one:	ANR	Form B	Form C	Site Plan ReviewX	
Date stamped in		Date de	cision in due	·	
Applicant's name(s)	David Sergi				_
Applicant's address_	21 Patterson 6	Brook Road, S	uite G, W. Wareh	am, MA 02576	
Telephone number _	888-436-5383				_
				***************************************	.
Landowner's name					_
Owner's address <u>7</u>	0 Fuller Road,	Frumbull, CT (06611		_
Telephone number _			<u>-</u>		_
Contact person <u>A</u>	Horney	Jilian P	101/01 Teleph	ione 508-295-2	522
Map #110	Lot #	1035 & 107	76 Zone	CG & R-60	-
Date Approved			_ Date Denied _		_
Comments (state rea	sons for denia	l or stipulation	ons of approval)		
					- -
					_
					-
					
Conditions for:					-
					_
					_ _
					

\\nas-delf\Users\Planning\Site Plan Review Application.docx

RECORD OF PLANNING BOARD PROCEEDINGS AND DECISIONS Town of Wareham Planning Board

-		
FORM A	FORM B	FORM C
:		
DUE:		
		
NT TO TOWN CLERK:		
RIOD BEGINS	 ·	_ ENDS
DECISIONS: (yes or no o	or abstention) if	abstaining, appropriate recusal form
decision.		
G. Barrett	M. Fitzgeral	d B. Reed
A. Slavin	_	
G. Barrett	M. Fitzgeral	dB. Reed
A. Slavin	_	
G. Barrett	M. Fitzgeral	d B. Reed
A. Slavin	_	
G. Barrett	M. Fitzgeral	ld B. Reed
A. Słavin	_	
TIPULATIONS ON DECISION	ON:	
	FORM A	FORM A FORM B SITE PLAN REVIEW X DUE: EARING(S): RIOD BEGINS DECISIONS: (yes or no or abstention) if

\\nas-dell\Users\Planning\Site Plan Review Application.docx

STREET NAME PROPOSE	AND ACCEPTED: _		
Conditions for:		 	

EXHIBIT H

TOWN OF WAREHAM ZONING BOARD OF APPEALS

APPLICATION FOR A PUBLIC HEARING FOR A VARIANCE/SPECIAL PERMIT

Certain uses are allowed in several zoning districts only by means of a Variance and/or Special Pennit from the Zoning Board of Appeals. Those uses are indicated in the Wareham Zoning By-Laws. To apply for a Variance/Special Permit from the Zoning Board of Appeals, please do the following:

- Complete this form.
- Complete information packets. (Directions attached)
- Submit application form and packet to Town Clerk for signature.
- Submit application form and packet to Town Collector for signature.
- Submit completed form, packets, and appropriate fees" to the Zoning Board of Appeals secretary.

"Permits may be issued only after a public hearing. There is a filling fee of \$300.00 per lot, per application for all non-conforming residential lots, whether built upon or not. There is a filling fee of \$750.00 per lot, per application for all commercial applications. In the case of a multi-family development, the fee is \$200.00 plus an additional \$50.00 for every unit over two (2). Please make check payable to the Town of Wareham.

"A check to cover two (2) legal advertisements for the public hearing should be made payable to Watchen Week in the amount of \$80.00.

"The applicant will also be responsible for the costs of sending out abuner notifications by Cartified Mail. The cost is \$6.11 per dertified letter to each abunter. Please see Zoning Board secretary for cost of mailings. Please make check payable to the Town of Wareham.

I hereby apply for a Variance/Special Permit for a use to be made of the following described place:

STREET & NUMBER:	8 & 10 Charge Pond R	ogd LO	T: 1078 MAP: 110	_
ZONING DISTRICT:	CG & R-60			
use requested: _	Industrial		<u> </u>	
OWNER OF LAND &	BUILDING: William Lee, Jr.	& Barbara	A. Lee TEL.	
ADDRESS OF OWNE	R: 70 Fuller Road, Trum	bull, CT	06611	
	LL UITLIZE PERMFI: De			
ADDRESS: 21 Patte	rson Brook Road, Suite	G.W.W	areham, MA 92576	
DATE: 2//5/20	22 signature:		den Male	u,
This application was receive	ed on the date stamped here:		at attorny	For David
Town Clerk:		Date:		Sergi
Tex Collector: 1044	tebenist	_ Date:	113-2022	
Planning/Zoning Dep		Date:		
Application for paid:	Check #:		_Receipt:	
Advertising fee paid:	Check #		_Receipt:	
Abutters fee paid:	Check #		Receipt:	

TOWN OF WAREHAM

APPLICANT/CONTRACTOR/REPRESENATIVE INFORMATION SHEET

EXHIBITI

PLANNING BOARD TAX VERIFICATION FORM

this verifies that	David Sergl	(name of applicant) is up-
the current owner of the	property that the applica	s in Wareham, If the applicant is not ation addresses, the current owner me of property owner) is up-to-date
on taxes and on all propert	es he/she owns in the Town	of Wareham.
le D	12/20/2021	MAP 110 LOTS 1035 & 1076
John Foster, Tax Collector	, , ,	