

ROBERT LAGA
Chairman

NICHOLAS FANNIN
Vice Chairman

ROSE TROMBETTA
Secretary

TOWN OF CARMEL
ENVIRONMENTAL CONSERVATION BOARD



60 McAlpin Avenue
Mahopac, New York 10541
Tel. (845) 628-1500 - Ext. 190
www.ci.carmel.ny.us

BOARD MEMBERS

Edward Barnett
Vincent Turano
John Starace

ENVIRONMENTAL CONSERVATION BOARD AGENDA

NOVEMEBER 16, 2017 – 7:30 P.M.

SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION

<u>APPLICANT</u>	<u>ADDRESS</u>	<u>TAX MAP #</u>	<u>COMMENTS</u>
1. Kirkwood Estates, LLC.	61 Kirk Lake Drive	64.11-1-19	Cleared Path for Boat Ramp
2. Inzano, Mario	188 Bullet Hole Rd	63.-1-16.2	Construct Driveway

MISCELLANEOUS

3. Minutes – 10/19/17

From : Kirkwood Estates LLC
3498 Lantern Bay Drive
Jupiter ,Florida ,33477

November 8, 2017

Town of Carmel

Environmental Conservation Board

60 McAlpin Ave

Mahopac, New York 10541

RE: Wetlands permit , 64.11-1-19

Honorable board:

Kirkwood Estates wishes to correct a violation of doing work in the 100 foot buffer area of Kirk Lake without a proper permit . This work was performed by a neighbor without the permission or authority of the owner of the property, Kirkwood Estates LLC. or Esposito Builders Inc., the builder of the new homes in the subdivision .

Copy of violation issued by the Town attached dated July 6, 2017.

Copy of the Final Subdivision map ,sheet 2 of 3, showing parcel D, aka 61 Kirk Lake Drive ,aka 64.11-1-19 labeled ,“ lake access “. Clearly it was the intent of the Planning Board and all those who approved the subdivision to allow maintenance of the “access” to the lake ; without which, there perhaps could be no physical access at all.

Copy of a check to the Town of Carmel for \$100.00 , permit fee.

Copy of two letters sent to the neighbor objecting to the work done on the property without permission. Dated 8/28/17 and 9/5/17.

While the work was done without permission, it was within the scope of normal maintenance of any access route to the lake from Kirk Lake Drive. The work was no more than 40 or 50 feet in length, and the width of a normal access route for a boat trailer to the lake.

Having cleared a path to the lake, gravel was then put down to prevent erosion and sediment from entering the lake.

As the owner of the property, we wish to correct an error of judgement made by a neighbor who thought he was doing the right thing.

Please disregard previous application to the Building Dept for a permit made to the wrong Dept dated 8/13/17.

Please grant us the requested "permit for maintenance" of the access route to the lake on this vacant piece of land.

Please place us on the next board meeting scheduled for November 16, 2017.

Sincerely yours,



Richard A. Esposito

Member, Kirkwood Estates LLC.

Cc: Town Clerk

Denis Marousek , Property Compliance Officer

Douglas Esposito, Member Kirkwood Estates LLC.

Albert Capellini, Esq.

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APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: Kirkwood Estates LLC
Address of Applicant: 3498 LANTERN BAY Drive Email: Dick @ Esposito Builders, Com
Jupiter FL 33477 Email: Doug @ Esposito Builders, Com
Telephone# 914 523 3683 Name and Address of Owner if different from Applicant:

Property Address: 61 Kirk Lake Drive Tax Map # 64.11-1-19
Agency Submitting Application if Applicable:
Location of Wetland: KIRK LAKE
Size of Work Section & Specific Location: EXISTING LAKE Access
Will Project Utilize State Owned Lands? If Yes, Specify: NO

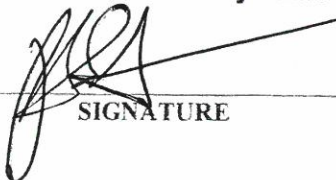
Type and extent of work (feet of new channel, yards of material to be removed, draining, dredging, filling, etc). A brief description of the regulated activity (attach supporting details).

1-2 trees REMOVED & GRAVEL INSTALLED to allow
for boat trailer Access to LAKE (WORK already performed)

Proposed Start Date: DONE Anticipated Completion Date: DONE Fee Paid \$ 100-

CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief, false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. As a condition to the issuance of a permit, the applicant accepts full legal responsibility for all damage, direct or indirect, or whatever nature, and by whomever suffered, arising out of the project described here-in and agrees to indemnify and save harmless the Town of Carmel from suits, actions, damages and costs of every name and description resulting from the said project.


SIGNATURE

11/7/17
DATE

Denis Marousek
Property Compliance Officer



Kenneth Schmitt
Supervisor

60 McAlpin Avenue
Mahopac, New York 10541

Notice of Violation

July 6, 2017

Kirkwood Estates
8 John Walsh Blvd. Ste.401
Peekskill, New York 10566

Re: Property of: Kirkwood Estates, 61 Kirk Lake Dr., Mahopac, NY
10541, Tax Map # 64.11-1-19

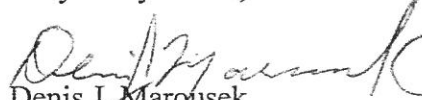
Dear Sir/Madam;

An inspection of the above-mentioned property on July 6, 2017, revealed that work was being done on this property (clearing & fill (item 4) for boat ramp). Search of the records indicates that a Wetland Permit was not applied for or granted for this location. This is a violation of the Freshwater Wetlands Code 89-4Bsub.5), whereas no clearing or fill within 100 feet of a wetland (Kirk Lake) without first obtaining a valid wetlands permit.

You are hereby ordered to file for all required permits and variances within seven (7) days of receipt of this letter. Failure to do so will result in further legal action from this department.

9/8/17 to mail app Monday

Very Truly Yours,


Denis J. Marousek
Property Compliance Officer

Richard A. Esposito
Kirkwood Estates Inc.
3498 Lantern Bay Drive
Jupiter Florida 33477

August 28, 2017

61 Kirklake Drive

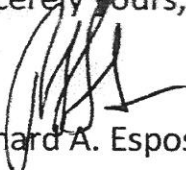
Mr. Anthony and Malissa Prisco
98 Kirklake Drive
Mahopac NY 10541

Dear Mr. & Mrs. Prisco:

It has come to my attention that you or your son may have done some work on my property. If that is the case, can you tell me why it was done without asking the owner of the property first? I understand some trees or brush were cut, gravel placed on the access drive and a chain put up across the access.

Please call me at your earliest convenience 914 523 3683.

Sincerely yours,



Richard A. Esposito, Pres
Kirkwood Estates Inc.

Richard A. Esposito
101 Sunset Drive
Charlestown RI 02813

Sept 5, 2017

Mr. Anthony Prisco
98 Kirklake Drive
Mahopac, NY 10541

RE; 61 Kirk Lake Drive

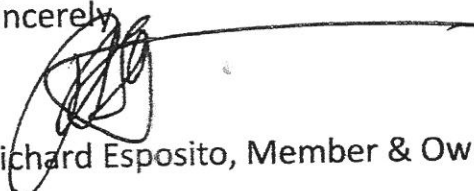
Dear Anthony:

Thank you for calling me Sunday and thank you for agreeing to remove the posts and chain even though you provided keys to several neighbors. I do not believe it necessary at this time, to remove the gravel on the access drive since it provides protection to prevent siltation and erosion into the lake.

Although we did not discuss it, please ask you son not to discard or remove the Brokers "For Sale" sign.

Thank you for your cooperation.

Sincerely,



Richard Esposito, Member & Owner
Kirkwood Estates LLC.

cc: Douglas Esposito

Denis Marousek, bldg. Dept. Carmel

Albert Capellini, Esq.

Gary Margolis, RE Broker

100' 0" 10' 0" 10' 0"



CONSULTANT
BUREAU OF ENGINEERS
ROUTE 28, HANOVER, N.H. 03055
JOHN P. McNEIL

I, ANTHONY DE ROSA, THE SURVEYOR WHO MADE THIS MAP, DO HEREBY CERTIFY THAT THE FIELD WORK UPON WHICH IT IS BASED WAS COMPLETED ON JUNE 30, 1987 AND THAT THIS MAP WAS COMPLETED ON JULY 3, 1990.
Anthony De Rosa
N.Y.S. LIC. NO. 49332
SURVEYED & PREPARED BY
BUNNEY ASSOCIATES
LAND SURVEYORS
30 FIELDS LANE
BREWSTER, N.Y. 13505

LOT 1
NOW OR FORMERLY
RANDOLPH & VILMA
DAUL
LOT 2
NOW OR FORMERLY
JEAN E. GALE
LOT 3
NOW OR FORMERLY
WARREN B. & EILEEN FELDMAN
LOT 4
NOW OR FORMERLY
JERRY C. & JULIE IODICE
LOT 5
NOW OR FORMERLY
STANLEY A. VORNEY

APPROVED BY RESOLUTION OF THE
PLANNING BOARD OF THE TOWN OF
KIRKWOOD, NEW YORK ON THE 27TH
DAY OF MAY, 1990 AND APPROVED FOR
FILING IN THE OFFICE OF THE TOWN
CLERK, PURSUANT TO SECTION 80-12
REQUIREMENTS AND CONDITIONS OF
SAYED THIS 27th DAY OF MAY, 1990
David J. [Signature]
TOWN CLERK

FINAL
SUBDIVISION MAP
OF
KIRKWOOD ESTATES
TOWN OF CARMEL
PUTNAM COUNTY, N.Y.
SCALE: 1" = 50'
DATE: JULY 3, 1990
REVISED: JULY 17, 1990
JULY 23, 1990
AUG. 17, 1990
OCT. 30, 1990
JAN. 3, 1991
JAN. 30, 1991
JULY 15, 1991
JULY 25, 1991
NOV. 16, 1991
JUNE 18, 1992
FEB. 10, 1993
JUNE 18, 1993
JULY 20, 1993
JUNE 18, 1993
1548 B
T307-1
SHEET 2 OF 3 P46-18

ROBERT LAGA
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APPLICATION FOR WETLAND PERMIT OR LETTER OF PERMISSION

Name of Applicant: Mario Intano

Address of Applicant: 15335 Shoshone Trl
Brockville A 31404 Email: _____

Telephone# _____ Name and Address of Owner if different from Applicant: _____

Property Address: 188 Bullethead Rd Tax Map # 63-1-16-2

Agency Submitting Application if Applicable: _____

Location of Wetland: west side of property

Size of Work Section & Specific Location: see site plan

Will Project Utilize State Owned Lands? If Yes, Specify: NO

Type and extent of work (feet of new channel, yards of material to be removed, draining, dredging, filling, etc). A brief description of the regulated activity (attach supporting details).

250 ft driveway in buffer zone

Proposed Start Date: 11/1/17 Anticipated Completion Date: 8/1/18 Fee Paid \$ 225.00

CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief, false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. As a condition to the issuance of a permit, the applicant accepts full legal responsibility for all damage, direct or indirect, or whatever nature, and by whomever suffered, arising out of the project described here-in and agrees to indemnify and save harmless the Town of Carmel from suits, actions, damages and costs of every name and description resulting from the said project.

Mario Intano
SIGNATURE

10/6/17
DATE

Short Environmental Assessment Form

Part 1 - Project Information

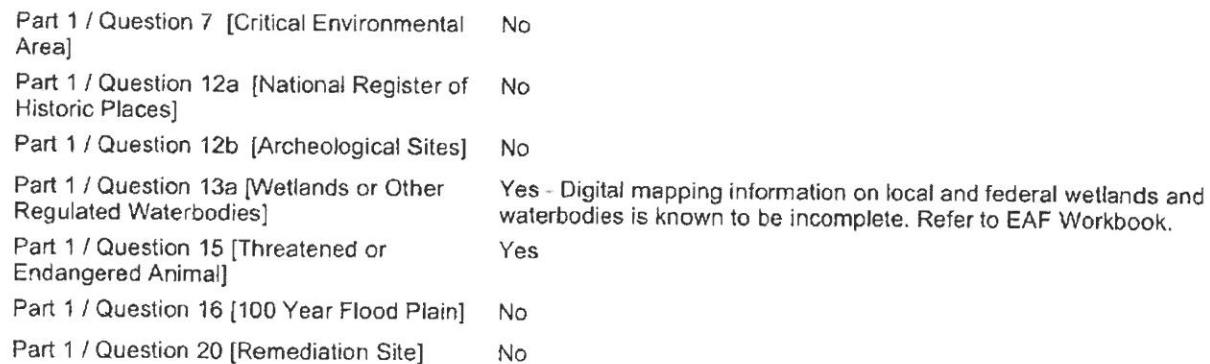
Instructions for Completing

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:							
Project Location (describe, and attach a location map): 188 Bullet Hole Road, Mahopac, NY 10541							
Brief Description of Proposed Action: Construction of driveway.							
Name of Applicant or Sponsor: Mario Inzano		Telephone: _____					
		E-Mail: _____					
Address: 15335 Shoshone Trl							
City/PO: Brooksville		State: FL	Zip Code: 34604				
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">NO</td> <td style="width: 50%; padding: 2px;">YES</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> </tr> </table>	NO	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO	YES						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval:			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">NO</td> <td style="width: 50%; padding: 2px;">YES</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> </tr> </table>	NO	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO	YES						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
3.a. Total acreage of the site of the proposed action? 4.8 acres b. Total acreage to be physically disturbed? 0.83 acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 4.8 acres							
4. Check all land uses that occur on, adjoining and near the proposed action. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Parkland							

Tuesday, October 17, 2017 11:39 AM





35 YEARS D.E.C.
Wetlands Delineation and Endangered Species Habitat Evaluation

JOSEPH A. STEELEY JR.
412 Pleasant Ridge Rd.
Poughquag, New York 12570
(845) 724-4423

December 8, 2003

Mr. Roy Fredrickson;
P.O. Box 950
Mahopac, N.Y. 10541

Dear Sir;

The following bill is for wetlands delineation services rendered at the property of Mr. John Jordano in the Town of Carmel, Putnam County on Dec. 4, 2003. The time billed includes travel and office time expended.

Time Billed 4 hrs @ \$50./hr.

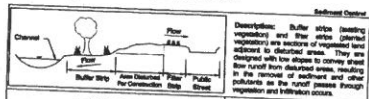
Total Billed \$200.00

pd. 12/17/03.
ck 195.
from John JORDANO

Sincerely yours;

Joseph A. Steeley Jr.
Joseph A. Steeley Jr

3.15 Vegetated Filter Strips and Buffers



- DESIGN CRITERIA**
- Minimum width of strip across the vegetated area on slope of disturbed area
 - Minimum 10% of disturbed area to vegetated area dependent on slope
 - Existing vegetation must meet criteria for type and coverage
 - Native grass required for planted vegetation
 - Domestic birds of vegetation and protect from traffic

- ADVANTAGES / BENEFITS**
- Effective secondary control for removing city particles
 - Disperses flow and slows velocities to decrease erosion potential in receiving water
 - Preserves the character of existing riparian corridor
 - May become part of the permanent stormwater controls

- DISADVANTAGES / LIMITATIONS**
- Appropriate as a primary control only for drainage areas of 2 acres or less and under certain site conditions
 - Minimum 150 feet of vegetated strip or buffer is used as a primary control
 - Cannot treat large volumes or concentrated flows
 - Not effective as a perimeter control when the perimeter cuts across various instead of following contours
 - Must limit access to vegetated portion of the site

- MAINTENANCE REQUIREMENTS:**
- Inspected regularly
 - Rate accumulations of sediment from the vegetation
 - Replant bare areas

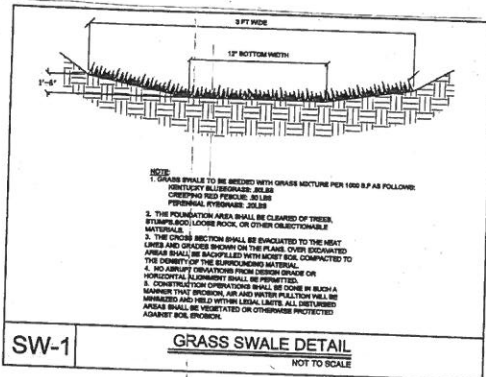
SEDEMENT CONTROL

Description: Buffer strips (existing vegetation and flow paths) planted vegetative area sections of vegetated area adjacent to disturbed areas. They are designed with low slopes to convey storm flow runoff from disturbed areas, resulting in the removal of sediment and other pollutants as the runoff passes through vegetation and infiltration occurs.

Table 3.15: Sizing of Vegetated Buffers and Strips

Maximum Slope of Contributing Drainage Area	Maximum Ratio of Disturbed Area to Vegetated Area	Minimum Width of Vegetated Area (Structure of Buffer)
0%	0:1	15 feet
10%	0:1	30 feet
15%	3:1	50 feet

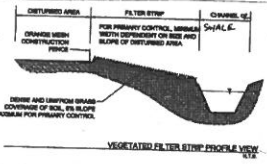
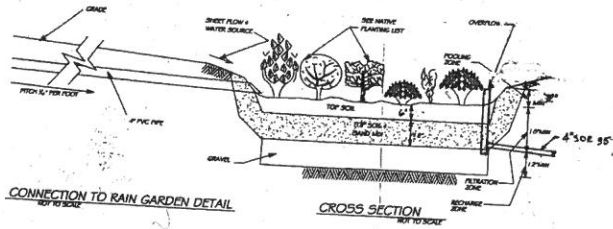
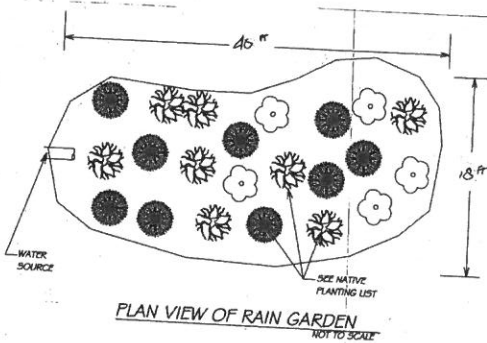
- Access to vegetated buffers and strips shall be prohibited. These areas shall be protected from all traffic. No activities should occur in these areas, including no parking of the work area vehicles, no seeding of kiosk, etc.
- Install controlled and stabilized ingress/egress points to manage traffic and direct it away from vegetation. Fence the vegetation or provide other means of protection to prevent vehicles and equipment from driving on the vegetated areas.
- Vegetated buffers and filter strips should not be used when high ground water, shallow depth to bedrock, or low soil permeability will inhibit infiltration of runoff.
- Maximum slope of the vegetated strip or buffer shall be 5% across the width of the vegetation in the direction of flow.
- To maintain sheet flow, maximum distance of flow to the vegetated filter shall be 150 feet.
- Vegetated buffers and strips may only serve as a primary sediment control when the contributing drainage area has a slope of 15% or less. On steeper slopes, another perimeter control (e.g. organic filter tubes, etc.) must be installed at the upslope edge of the vegetated buffer or strip as a primary control, with the vegetation serving as a secondary control.



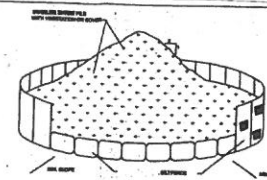
RAIN GARDEN FOR SANDY SOILS AND PULL RUN AREA - Square Feet

Latin Name	Common Name	Amount	Bloom Time	Bloom Color	Height	Spreading
Asplenium adnigrum	Black Star Fern	12	early summer	red	1'-3'	1'
Asplenium platyneuron	White Star Fern	12	early summer	white	1'-3'	2'
Asplenium platyneuron	Blue Star Fern	12	early summer	blue	1'-3'	1'
Asplenium platyneuron	Scotch Broomrape	12	early summer	white	1'-3'	1'
Asplenium platyneuron	Hooded Pile O'Onions	54	summer	pink	2'-3'	1'
Asplenium platyneuron	Heads of Gold	15	summer	pink	1'-3'	1'
Asplenium platyneuron	Wine Cucumber	15	summer	white	1'-3'	1'
Asplenium platyneuron	Small Black-eyed Susans	12	late summer	yellow	2'-4'	1'
Asplenium platyneuron	Wormwood	12	late summer	yellow	4'-6'	2'
Asplenium platyneuron	New England Aster	24	fall	purple	4'-6'	1'
Asplenium platyneuron	Ohio Goldenrod	24	fall	yellow	1'-4'	1'
Asplenium platyneuron	Red Top (Redtop)	15	fall	red	1'-3'	1'

3.64 plants

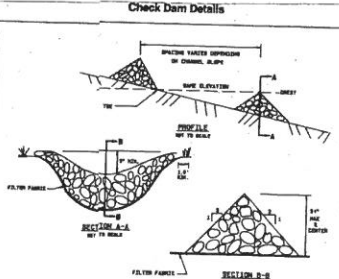
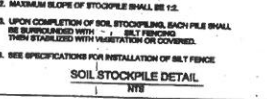


VEGETATED FILTER STRIP PROFILE VIEW



INSTALLATION NOTES

- AREA CHOSEN FOR STOCKPILE SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILE, EACH PILE SHALL BE SURROUNDED WITH A 6" TYPICAL FENCE.
- SEE SPECIFICATIONS FOR INSTALLATION OF BILLY FENCE.



CONSTRUCTION SPECIFICATIONS

- STRIPS SHALL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINE, BEHIND AND UPSTREAM FROM THE LINE.
- UPSTREAM FROM THE LINE, THE STRIP SHALL BE PLACED ON THE LINE, BEHIND AND UPSTREAM FROM THE LINE.
- DOWNSTREAM FROM THE LINE, THE STRIP SHALL BE PLACED ON THE LINE, BEHIND AND UPSTREAM FROM THE LINE.
- DOWNSTREAM FROM THE LINE, THE STRIP SHALL BE PLACED ON THE LINE, BEHIND AND UPSTREAM FROM THE LINE.

MAXIMUM DRAINAGE AREA 2 ACRES.

U.S. DEPARTMENT OF AGRICULTURE

WATER CONSERVATION DIVISION

PHOTOGRAPH, MAY 1988

RUNOFF CALCULATIONS

DESIGN STORM: 24 HR/25 YR STORM - 6" RAIN FALL

RUNOFF METHOD - TR 55

SOILS: CHB - CHARTER

SCS HYDROLOGIC GROUP: B

PARENT CATCHMENT: 1000 AC - 61

RUNOFF DEPTH: 201"

FUTURE CATCHMENT: IMPERVIOUS - C=90

RUN OFF DEPTH: 5.75"

INCREASE IN RUNOFF: 57% - 5.75"

TREATED IMPERVIOUS: AREA - 2250 AC

RUNOFF: 2250 AC x 5.75% / 12/14" = 703 AC

RAIN GARDEN DESIGN

- IMPERVIOUS AREA - 2250 AC
- RUNOFF - 703 AC
- SIGA 703 AC x 12" RUNOFF DEPTH / 12/14" = 703 AC
- USE 40' x 18'

ROY FREDRIKSEN, PE

STORMWATER POLLUTION PREVENTION PLAN (DETAILS)

1. RAIN GARDEN

180 BULLET HOLE RD

TOWN OF CARMEC

AS NOTED

DATE: 8/2/2017

BY: J. B. B. 17

BY: J. B. B. 17

SHEET 2 OF 2