

www.vcea.org

Since 1972 • Consulting Civil, Environmental & Municipal Engineering Land Surveying • Professional Planning • Landscape Architecture

Neil I. Van Cleef, P.E., L.S. & P.P. Robert J. Clerico, P.E. & P.P. Samuel D. Costanzo, P.E. & P.P. Cynthia V Norfleet

Rev. March 22, 2021

Ms. Natalie Troisi / Ms. Scarlett Doyle, PP Planning Board Secretary Bridgewater Township Municipal Building 100 Commons Way Bridgewater, NJ 08807

Reforestation of Route 287 ROW, Adjacent to Somerset Patriots Ballpark Bridgewater Township, Somerset County, NJ VCEA No. 17-05-B

Dear Ms. Doyle:

Attached please find supporting documentation for the Minor Site Plan that has now received Completeness Verification for the Reforestation of the Route 287 ROW, adjacent to the Somerset Patriots Ballpark in Bridgewater Township, near the intersection of Main Street and STS Drive. We have submitted to NJDOT and received their approval, which is attached. We need to document submission to Bridgewater Township as well in order to submit the package to NJDEP for approval of the Reforestation Plan for the ROW.

Attached to the submission and as per your acknowledgement, we are submitting 21 additional sets for review and approval, since it has been deemed complete.

Attached hereto, you will find the following:

- 1. The Bridgewater Township Minor Site Plan Application, Form #3D, without variances.
- 2. The Application Fee of \$250.00, payable to Bridgewater Twp. Previously Submitted.
- 3. The Escrow Fee of \$2,500.00, payable to Bridgewater Twp. Previously Submitted.
- 4. The Bridgewater Township Site Plan Checklist Revised 03-22-21.
- 5. The Bridgewater Township Site Plan Fee Schedule, Minor Site Plan, as Suggested
- 6. The Township of Bridgewater Request for 200' Radius List of Certified Property Owners **Previously submitted.**
- 7. Fee check for \$10.00, payable to Bridgewater Tax Assessor, for the Certified List. Previously submitted.
- 8. Tax Maps showing Property where Reforestation is to Occur.
- 9. Certified list of property owners within 200'.
- 10. The NJDOT Permit No. L-287-C-18552-2019 to remove dead trees within the 287 ROW & Renewed Permit dated March 1, 2021.
- 11. The Application for the Permit to NJDOT
- 12. The Letter from the Somerset County Improvement Authority and the Somerset County Board of Chosen Freeholders, consenting to the tree clearing of the Route 287 ROW.

Please Reply To:

DOYLESTOWN PA OFFICE • 501 North Main Street • Doylestown, PA 18901 • 215.345.1876 • Fax: 215.345.1730

With Other Offices In:

Bethlehem PA • Leesport PA • Mechanicsburg PA • Hamilton NJ • Hillsborough NJ • Lebanon NJ • Phillipsburg NJ Freehold NJ • Toms River NJ • Mt. Arlington NJ • Newark DE



December 21, 2020

Re: Reforestation of Route 287 ROW, Somerset Patriots Ballpark Bridgewater Township, NJ

### Page 2

- 13. The Reforestation Plan Narrative, explaining the intent of the tree clearing and Reforestation
- 14. The Notice to the Courier News & Property Owners within 200'.
- 15. The short summary EIS, as requested.
- 16. The No Net Tree Loss Grid Analysis for Reforestation for NJDEP, Sheet 1 of 4.
- 17. The Reforestation Plan, Sheet 2 of 4.
- 18. The Soil Erosion and Sediment Control Plan, Sheet 3 of 4.
- 19. The Soil Erosion and Sediment Control Plan Narrative and Details, Sheet 4 of 4.
- 20. The Application for Soil Erosion and Sediment Control Plan Certification
- 21. The Tree Expert Survey by Alan August, Certified Tree Expert, CTE, dated Oct. 1, 2019 with summary of tree counts on page 19.
- 22. The W-9 Form, as requested, which was previously submitted.

Please review for completeness and advise prior to the meeting on April 13, 2021. We look forward to hearing from you soon.

Sincerely,

Kevin A. Kester, LLA, ASLA, Associate Director of Landscape Architecture, VCEA

Cc:\ Jimmy McAndrew

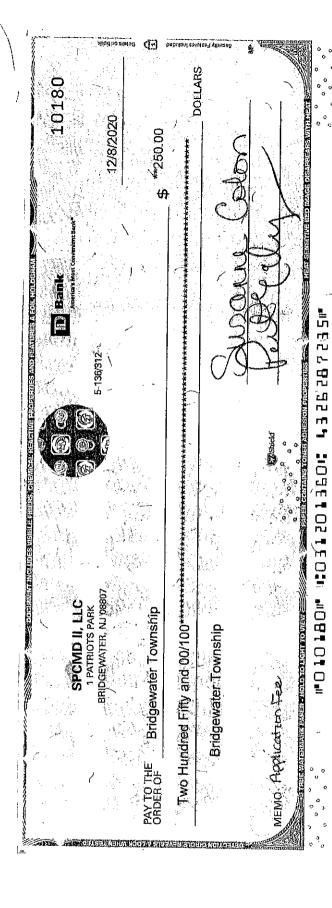
Bryan Iwicki

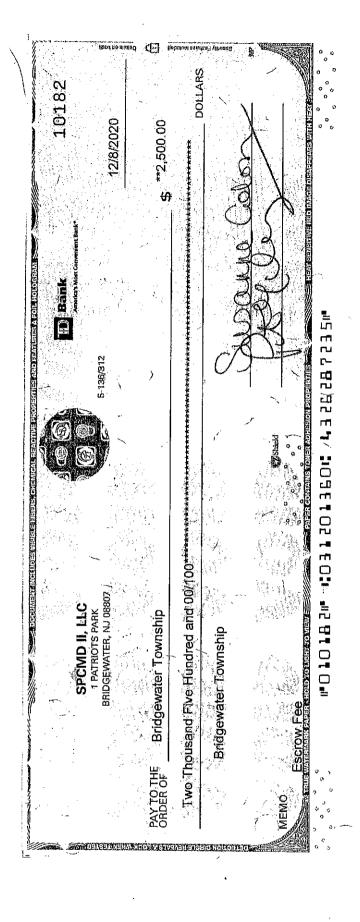
Ellen Nardoni

Steven Fuerst, Esq.

# Rev. 07/08 TOWNSHIP OF BRIDGEWATER FORM # 3D SOMERSET COUNTY, NEW JERSEY Application #: Board File Name: Date Filed: (Do not write above this line) **APPLICATION:** SITE PLAN (With or (Without Variances) Please check type of application; Conceptual Site Plan Conditional Use Approval Minor Site Plan Preliminary Major Site Plan Final Major Site Plan C-Variances **D-Variances** Amend prior approval for Preliminary Site Plan. Date of prior approval (attach copy) Amend prior approval for Final Site Plan. Date of prior approval (attach copy) Does this application constitute a new application? If not, please attach 24 copies of Site Plan previously submitted with resolution. 1. Applicant's name SPCMDI1 LLC. Phone 908 252-0700 Fax Address (mailing) 215 Porte 202, Flemington, NJ. 08822 Brail: biwickie Somer 2. Owner's name SPCMDIT, LLC. Phone (908)752-0700 Fax Address (mailing) 215 Povte 202, Flemington, N. 08822 Email: biwicki Psomerse 3. Attorney's name NA Address (mailing) Email: 4. Engineer's ham Kester-Van Cleef Engineeringhond 215)345-1876 Fax 215 5. Name of Development Reforestation Plan-Somerset Block(s) 6. Street on which property lies including location of nearest intersection Route 28/ POW. at County Rp. 533 7. Present use ROAL ROW 8. Proposed Use ROW. 9. Zoning District PRCPD \$ M-2 Zones \*Work is actually being done on Rte. 287 Row, not the Patriots Ballpart Property.

10. Area in acres of any additional adjoining land owned by owner or applicant	Rev. 07/08
11. Amount of lot area with slopes 30 percent or greater	
Slopes 20-29 percent Slopes 11-19 percent	-
Slopes 0-10 percent	,
Slopes 0-10 percent	
13. Amount of lot area in floodway O10; flood fringe O10; wetlands O10	)
14. Waivers requested from the following sections of the Township Land Use Code,  Chapter 126 NA	
15. List all plans, exhibits, documents, reports, significant letters, and written decisions from other gove agencies which constitute this application. Please indicate the title of plan or document scale, musheets, date of preparation and name and license number of preparer if appropriate.	 eromental umber of
NOTE: ALL EXHIBITS PRESENTED AND MARKED AT THE HEARING MUST BE	
CLIPPED (NOT MOUNTED WITH ADHESIVE) TO THE FOAM BOARD.	
All exhibits will be kept in the application file and the foam boards will be returned at the meeting.	
Signature of person preparing application  Date	
Kevin A Kester, RLA, VCFA	





# **Kevin Kester**

From:

Natalie Troisi <ntroisi@bridgewaternj.gov>

Sent:

Tuesday, February 2, 2021 10:51 AM

To:

kkester@vancleefengineering.com; biwicki@somersetpatriots.com

Cc:

Scarlett Doyle; Zuzana Karas

Subject:

SPCMDIT Deemed Incomplete App# 20-041-PB

**Attachments:** 

SPCMDIT - Deemed Incomplete.pdf

Follow Up Flag:

Follow up

Flag Status:

Flagged

Categories:

**Red Category** 

Good Morning,

Please see attached for your Submission for Completeness and Variance Application checklist. Please review and submit with revised plans.

If you have any questions please contact: Scarlet Doyle at 908-413-0818.

Thank you,

Natalie Troisi Municipal Services

# Natalie Troisi

Planning Secretary Planning Department ntroisi@bridgewaternj.gov

# **Township of Bridgewater**

100 Commons Way Bridgewater, New Jersey 08807 Phone (908) 725-6300 x5530 Fax (908) 429-0586 www.bridgewaternj.gov



This email message and all attachments transmitted with it may contain legally privileged and/or confidential information intended solely for the use of the addressee only. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachment is prohibited. If you have received this message in error, please notify the sender immediately and delete this message.

# BRIDGEWATER TOWNSHIP

# SITE PLAN CHECKLIST

Application	#: <u>ZO-07</u>	Applicant STC //// Date
Applicant	Bwt.	
X	1/20/3/	I. Twenty four (24) sets of the application, checklist, fee schedule computations and all supporting documentation and Site Plan. All documents submitted must be collated into (24) sets.
×		II. OPTION: You may choose to submit (3) full sets of documents for completeness review only. When the documents submitted comply with the submission requirements, we will notify you to submit the other (21) sets in order to be deemed complete. This option is made available to applicants in an effort to save resources expended on numerous plans that may need to be revised and resubmitted.
		III. All fees must be paid.
×		Application fee: $$250.00$ Escrow Fee: $$2,500.00$
		(Fee Schedule with calculations must be submitted, including a signed W-9)
N <del>V</del>		IV. If the application involves a request for a subdivision or site plan including land development of more than 50 dwelling units or 50,000 square feet of non-residential building space or all major subdivisions or site plans within 500 feet of a municipal border or critical natural resources like primary or secondary streams identified in the County Open Space Plan, that may affect neighboring jurisdictions, you must submit a copy of the full application packet including plans to Somerville Borough and Raritan Borough and provide proof of submission/mailing.
		V. Provide proof of submission of full application including plans to the local Fire Department. You may contact the Fire Official to confirm correct Fire Department for your Block and Lot at (908) 725-6300 ext. 263. List name and address you submitted to:
.×		Fire Department: Finderne five Department  Address: (72 Fast Main Street  Bridgewater Township N 08807 (732) 356-3024
×	V	VI. Size of Map should be in accordance with the Map Filing Laws
×	V	VII. Scale not to exceed 1"=100'
	40	VIII. Consent by Owner form: signed and notarized by owner even if the applicant is the owner
		SITE PLAN SHALL CONTAIN THE FOLLOWING DATA:
		· mar at

X V NA V NA V NA V
NA' V X NA' V
X / NA:
X / NA:
NK V
NA (
NA /
X
NA' L
NA V
NKI /
NK,
X

- A Key map of the site with reference to surrounding areas, zoning district(s) and existing street locations within 200' of property. Scale not less than 1"=800' (126-153A)
- The North arrow, scale, block, lot, name and address of the owners of all contiguous land and of property directly across the street, and downstream 200 feet of the property, as shown by the most recent tax records of all municipalities in which such properties shall lie. (126-153B)
- 3. Lot line dimensions, bearings and distances (126-153C)
- 4. Location of all buildings and structures, streets, easements, driveways, entrances and exits on the site and within 200 ft thereof. (126-153D) Structures to be removed should be indicated by dashed lines
- Right-of-way width of existing road from the centerline. Pavement width measurements.
- Location and dimensions of proposed buildings, structures, roads, driveways, parking areas with dimensions of each (126-153B)
- Zoning Chart listing required, existing and proposed setbacks, height, lot area, improved lot coverage, and all information included in the schedule of land and area requirements. Graphic depiction is required.
- 8. Proposed building height setbacks, front, side and rear yard distances and required setbacks (126-153F). Buildings must identify square footage on each building for each floor
- All existing physical features on the site and within 200 feet thereof, including streams, water courses, existing woodlands, and significant soil and hydrological conditions such as swamp, rock and water flows (126-153G). All existing trees as follows:

Deciduous 12" dbh or greater; Non-Deciduous 8" dbh or greater; Dogwoods 4" dbh or greater

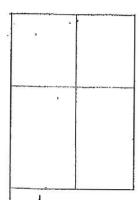
- Topography showing existing and proposed contours at two footintervals extending 200 feet off site. A reference bench mark shall be clearly designated (126-153H)
- 11. Parking and loading areas shall be indicated with dimensions for bays, alsles, stalls, curb radii, traffic islands and channelization. Indicate direction of traffic flow and sight easements, number of employees, total and maximum in one shift, proposed and required parking spaces. No driveway within ten (10) feet of property lines (126-1531)
- Architectural building elevations including facade signs and entrances, materials, dimensions and height.
- Improvements such as roads, curbs, bumpers and sidewalks shall be indicated with cross sections, design details and dimensions (126-153J).
- 14. Landscaping and buffering plan exhibit identifying existing and proposed trees, shrubs, bushes, ground cover and natural features such as boulders and root outcroppings. Indicate botanical and common names of plants and trees, dimensions at time of planting and Reforestation Plant. Lts all Trees.

Rev. 07/08

		, Kev, U/148
×	V	maintenance plans (126-153L). The landscaping plan shall be in accordance with the Landscape Ordinance.
NA.	V	15. Street trees planted at 50' intervals along public rights of way and in accordance with the Landscape Ordinance.
	. , /	Referres faction — All Trees  16. Specify on landscape plan the quantity of landscaping by type proposed
X	V	to be planted on site
NA.	V.	17. Has at least 5% of the parking area been landscaped? (126-191 B.16)
NA	$\nu$	18. Indicate on the landscape plan, existing and proposed fences, their heights and type (126-194).
NA.	V	19. Conservation Plan Exhibit is to be submitted showing the proposed methods of protecting trees and growth before and after construction.  Techniques include fences, berms, tree wells, etc (126-191 and 197).
NA	·V	20. Proposed exterior lighting plan exhibit showing location of all lights, type of light, manufacturer specification sheet, intensity in foot candles on a point-to-point plan, methods proposed to reduce off-site glare on adjacent property and roads, type and height of light standard and pole (126-153M and 190).
NA	V	21. Survey of property signed and sealed by a Licensed Surveyor
NA	V	22. Proposed sign plan exhibit for all freestanding and façade signs showing the specific design, letter style, color, construction and materials, location, size, height above grade or below roof line, type of standard, illumination (123-153N and 195).
×	RIO	23. Required legend on Site Plan for endorsement by Board Engineer,  Board Chairman and Board Secretary (126-1530) CHAIR - PLAN FROSS  SEC = SCAPLET Doyle', Engineer Welliam Dur
	L	SITE PLAN MUST BE ACCOMPANIED BY THE FOLLOWING:
*	•	
X	ЦВ	24. Twenty four (24) copies of the Environmental Impact Statement report.  Waiver cannot be granted if slopes on the site exceed 15% or if property is within a flood plain (Part II article 25 126-128 through 272)  SHORT EIS SUMME
NA		25. Hillside Development exhibits (Part II article 29, 126-264 through 267)
NA	C	a) Density computations (126-266)
NA	V	b) Maximum Impervious surfaces (126-267)
. NA		26. Stormwater runoff control plan with introductory narrative
NA	V	a) Impervious coverage
NA	. V	b) Elevations adjacent to existing and proposed building
NA	V	c) Elevations for entire site landscape Only-Reforestation
	•	wordsupe or of -1

	<u>,</u>	4	Roy, 07/08
· NA	<b>V</b>	d) Elevations on adjacent property where drainage may impact	
NA	V,	e) Location and elevation of sidewalks, adjacent road centers, dividing islands, curbs, gutters, driveways	
NKI	1	f) Run-off computations for existing and proposed conditions	
NA		<ul> <li>g) Size, slope, direction of flow, top, invert elevations of all existing and proposed storm drains, drainage ditches, water courses (cross sections, for swales, channels)</li> </ul>	
NA	V	h) Roof leader size and discharge locations	-
NA	V	i) Location, capacity, outlet details, typical section through basin calculations for storage capacity, inflow hydrograph for stormwater detention/retention facilities	
NA		j) Drainage area map, calculations showing drainage from contributing area prior to and after development	
	V	27. Soil erosion and sediment control plan exhibit (Article 36) Identify location of all soils on property.	
NA		28. Written description of a request for variance, conditional use or special pennit.	
	V	29. Written document or request to waive submission of any required Site Plan elements or exhibits. (The applicant must document why a waiver of required exhibits is in the public interest, consistent with the Master Plan, the overall intent of the Land Use Ordinance, and good Development and Environmental practice) (126-156).	
×	V	FOR PRELIMINARY SITE PLAN	•
		30, Proof in the form of a letter of transmittal that a copy of the Application was sent to the County Planning Board.	
×	46	31. The signature block must be located directly above the title block in the lower right hand corner of the plans. Plans are considered folded correctly when the title block and signature block are visible without opening the plans. Full name and title of the chalman, secretary and engineer must be lettered on the plan immediately below the signature line.  See Names W #33	apove
		FOR FINAL SITE PLAN	
	-	In addition to all items listed above, please include the following;	
	•	<ul> <li>32. Engineer's estimate of the cost of proposed improvements (sanitary sower, drainage, pavement, landscaping) and an inspection fee of 6% of those costs</li> <li>33. The signature block must be located directly above the title block in the lower right hand corner of the plans. Plans are considered folded</li> </ul>	•
	ALL WALEHARD THE SERVER	where we will be the control of the brane traine to containered to their	

Rev. 07/08



correctly when the title block and signature block are visible without opening the plans. Full name and title of the chairman, secretary and engineer must be lettered on the plan immediately below the signature line.

34. The signature block must be located directly above the title block in the lower right hand corner of the plans. Plans are considered folded correctly when the title block and signature block are visible without opening the plans. Full name and title of the chairman, secretary and engineer must be lettered on the plan immediately below the signature line.

Signature of person preparing checklist

Rev. 3-22-21 -12-09-20

Date

Director of Landscape Architecture NC

The applicant may request that one or more of the submission requirements be waived; however, the request must be in writing and state the reason for the waiver request. If the submission waiver is honored during completeness review, the Board still has the right to request the same information during the hearing process in addition to any other information they deem necessary for proper review of the application.

# NOTICE REQUIREMENTS:

The following proof of satisfying the notice requirements must be filed with the Land Use Administrator in the Planning Department a minimum of 48-hours prior to the hearing date:

- 1. Affidavit of Service.
- 2. Copy of the notice served.
- 3. Certified list of property owners within 200 feet and others served with manner of service
- 4. Certified Mail receipts stamped by the USPS
- 5. Affidavit of publication from the newspaper in which the notice was published.



Since 1972 • Consulting Civil Engineers | Land Development | Municipal | Bridges | Highways | Construction Management | Construction Inspection | Dams | Geotechnical | Hydraulics/Hydrology | Water/Wastewater | Stormwater Management | Surveying | Planning | Landscape Architecture

Neil I. Van Cleef, P.E., L.S. & P.P.
Robert J. Clerico, P.E. & P.P.
Samuel D. Costanzo, P.E. & P.P.
Cynthia V. Norfleet, COO
Mark A. Bahnick, P.E.
Lawrence M. Diffley, P.E., PTOE
Michael K. Ford, P.E. P.P.
Jeffrey W. Munzing, P.E.
Stanley J. Schrek, P.E. A.I.A., P.P. CME, LEED AP
Herbert J. Seeburger, Jr. P.E., CME, CPWM

February 17, 2021

# Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Bridgewater Township, Somerset County, NJ.

# **ENVIRONMENTAL IMPACT STATEMENT SUMMARY:**

The area in question is approximately 7.35 acres of property within the ROW of Route 287, located adjacent to the Somerset Patriots Ballpark which is located at 1 Patriots Park in Bridgewater Township, Somerset County, NJ. The property is owned by NJDOT and we have already obtained permits from them to remove dead trees within the ROW.

The objective of the activity at this project site is to deforest the area in question due to a large number of tree deaths pertaining to the Emerald Ash Borer that hit this site pretty badly in 2018. The owner of the ballpark would like to remove the trees existing today and replace them with healthy, smaller ornamental and small canopy trees that would not impede vision into the ballpark parking lot and stadium from the ROW of Route 287 as cars pass by.

This would be more inviting and encourage passersby to visit the ballpark. Our goal is to optimize visibility into the ballpark from a 1700' x 100' portion of the ROW to the South, adjacent to the STS Corporate Offices, and a 1500' x 100' portion to the North, adjacent to Target.

We have been working with Paul Pospiech of the Landscape Architect Department of NJDOT since 2017 when we first approached them about removal of all the dead and dying Green Ash Trees at the site. We finally received the NJDOT Permit from them on February 26, 2019, which is good for 2 years until February 26, 2021. We are currently in the process of extending that permit for another 2 years. The Permit No. is L-287-C-18552-2019.

VanCleefEngineering.com



September 22, 2020 Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Page 2 of 5

We overlaid the No Net Tree Loss Grid on a 2019 aerial photo that would depict the remaining wooded areas after many of the ash trees had been removed due to loss from the Emerald Ash Borer. On the site which consists of approximately 7 acres we identified 3.99 total acres of woodlands of which 2.35 acres counted as woodlands with the grid calculations. Grids with less than 33% wooded area did not count in the calculation (according to the NNL calculation guidelines). The 2.35 acres multiplied by 204 trees per acre or 479 trees.

We actually took it one step further and had a Certified Tree Expert prepare a report that identified 266 remaining healthy trees left standing at the site that are 4" caliper or larger.

We have proposed replacing each of these 266 trees with small canopy and ornamental trees that would not create a maintenance problem in the future, requiring the applicant to go back to NJDOT every 5 years for permits to prune the trees so as to keep visibility open as much as possible into the site from the 287 Highway ROW.

In the Approval of the Reforestation Plan by Paul Pospiech, Section Chief of the Office of Landscape Architecture for NJDOT, he suggested periodic weeding of the embankment to suppress volunteer growth that would eventually take over the slopes and recreate the existing condition after an extended period of time. We intend to setup a maintenance agreement with the NJDOT Maintenance Division for access to the slope for future vegetation maintenance.

A Shortgrass Meadow mix listed below will be seeded on the side slopes of the disturbed areas of the Route 287 ROW. This mix will be mowed twice per season to keep invasives at bay and inhibit volunteer growth of larger, undesirable trees.

# SHORTGRASS UPLAND MEADOW MIX (BERM)

**Grass Seed Specification** 

Scientific Name

Bouteloua curtipendula

Bouteloua gracilis

Common Name

<u>Variety</u>

Rate-PLS

Side Oats Grama Blue Grama

Trailway

11b/ac 11b/ac



September 22, 2020 Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Page 3 of 5

Sheep's Fescue	51b/ac
Annual Ryegrass*	10lb/ac
Praire Junegrass	1lb/ac
Tioga Deertongue	0.5lb/ac
Little Blue Stem Camper	6lb/ac
Prairie Dropseed	0.51b/ac
	Annual Ryegrass* Praire Junegrass Tioga Deertongue Little Blue Stem Camper

### Notes:

- 1. Seeding with the above mix should be completed only from February to June.
- 2. If stabilization is required during another season, a temporary (i.e. annual cover) should be used.
- 3. Lime as per soil test to achieve pH 6.5.
- 4. Hand seed wildflowers in drifts by individual species at the rate of 1.75 lbs per acre.
- 5. Hydroseed or drill seed grass (using Truax or equal). If hydroseeded, use harrow to rake seed into top 0.5 inches of soil, then straw mulch (\*delete annual ryegrass) and tack per written specification.

Besides the Somerset Patriots Ballpark, the two adjacent properties affected by the tree deforestation/reforestation are the STS property to the South and the Target store to the North. STS has their corporate headquarters on STS Drive, next door to the Somerset Patriots Ballpark on the south. Target is next door on the north side

Besides the predominant ash forest within the Route 287 ROW, the live trees found there include Elm Trees, White Oaks, Black Walnut, Black Cherries, Yellow Poplar, Persimmons, Catalpa, Pear Trees, Cedars, and White Pines. The understory consists of Wild Grapevine, Sumac, Multiflora Rose and other native shrubs. There is a huge population of Poison Ivy in the understory and growing upon the trees that remain on the site, though much of that was removed with the dead tree removal on-site. The slope is steep; averaging 3:1 with urban soils used for fill during the construction of the highway. The wildlife associated with this area is that typically associated with successional woodlands: rabbits, squirrels, raccoons, groundhogs, fox, skunks and chipmunks. A myriad of birds also populate these woods, as well as snakes, salamanders, earthworms and many insects.

The deforestation of the trees above was inventoried in the attached report. We chose the replacement trees from the publication, "Trees for New Jersey Streets, Fifth Revision 2007", as instructed by Joe Bennett at the onset of the project. The trees, as mentioned earlier, were chosen for their eventual heights, as we wish to

Van Cleef ENGINEERING ASSOCIATES

September 22, 2020 Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Page 4 of 5

avoid returning to NJDOT for permit renewals every 5-10 years to prune and top the trees for visibility into the Somerset Patriots Ballpark. The trees (each will be 2"- 2 ½" caliper at time of planting, min. 8'- 10' ht.) chosen for replacement are as follows:

- 1. 18 Trident Maple
- 2. 18 Hedge Maple
- 3. 18 Clump River Birch
- 4. 18 Thornless Cockspur Hawthorn
- 5. 18 Jersey Belle Silverbell
- 6. 18 Carolina Silverbell
- 7. 18 Newport Purpleleaf Plum
- 8. 18 Accolade Flowering Cherry
- 9. 18 Ivory Silk Tree Lilac
- 10.18 Shadblow Service Berry
- 11.18 Eastern Redbud
- 12.18 Flowering Dogwood
- 13.18 Kousa Dogwood
- 14.18 Cornelian Cherry Dogwood
- 15.2 White Fir
- 16.2 American Holly
- 17.2 Norway Spruce
- 18.2 Douglas Fir
- 19.3 Colorado Spruce
- 20.3 Bald Cypress

The Evergreen Trees are to be planted near the bottom of the Route 287 ROW hill. All 266 of the above mentioned trees will be replaced on-site as shown on the Reforestation Plan.

The adverse impacts associate with this Reforestation Project stem from the removal of the remaining 266 live trees on the site. A large number of trees have already been removed due to mortality: Emerald Ash Borer and the Spotted Lantern Fly. And trees continue to die off. When the hillside of the ROW has been cleared, it will be immediately seeded and mulched with annual ryegrass for quick germination to stabilize the slopes. Other erosion control measures will be put in place; such as silt fence, construction entrance pads, and inlet protection in STS Drive, as noted on the plan. When cleared and the stumps have been ground down, spray Glyphosate or similar herbicide formulation to control undesirable



September 22, 2020 Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Page 5 of 5

vegetation. Seeding shall occur as soon as possible after clearing has been accomplished.

After stabilization, the trees shall be planted per the Reforestation Plan. Trees can be ordered per the schedule, and best planted in the early spring.

The Alternative to removing the remaining 266 live trees on-site would be to allow the existing trees to remain and submit permit applications to NJDOT every five (5) years to trim and top the existing trees for better viewing into the Ballpark site from Route 287. That just really doesn't make any sense when we can remove the remaining trees and plant smaller ornamental and smaller canopy trees as per the Reforestation Plan. This way, we as set up for the future for normal growth of the trees within the ROW that will not inhibit views into the Ballpark site and require a great deal more maintenance than is necessary. A couple mows per year is all that will be required to keep the invasive plants at bay and inhibit volunteer growth of undesirable trees.

This EIS has been prepared by Kevin A. Kester, LLA, Associate, Director of Landscape Architecture, VCEA.

Kevin A. Kester, LLA

# BRIDGEWATER FEE SCHEDULE - SITE PLAN

PAGE 1 OF 2

Escrow Fee Subtotal	Ф Ф	\$ 2,000,000	ъ	w w w w	es es es	
Escrow	\$1,000.00 \$1,000.00 \$250/ acre + \$50/ Unit	(Minimum Deposit = \$1500.00) \$500.00 \$2,500.00	\$5,000.00 \$ 2000 plus \$0.20 s.f plus \$50/acre	\$5,000.00 \$2000.00 plus \$0.20 s.f. plus \$50/ acre	\$5000.00 plus \$500/ unit \$5000.00 plus \$500/ unit	
Application Fee Subtotal	<del>м</del> <del>м</del> <del>м</del>	\$ 252° (30)	69 69 69 69	w w w w	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
Application Charge	\$100,00 \$100.00 \$100/ acre + 10/ Unit	(Minimum Deposit = \$500) \$25.00 \$250.00	(A+B+C) \$250.00 \$500.00 plus \$0.06/ s.f plus \$100/ acre	\$250.00 \$500 plus \$0.06 s.f. plus \$100/ acre	\$125.00 \$50.00 \$250, plus \$50/ unit	
	SITE PLAN - CONCEPT  A Minor Plan  B Major Plan  C Multifamily site	D Site Plan Waiver MINOR SITE PLAN	PRELIMINARY SITE PLAN - NON-RESIDENTIAL (A+B+C)  A Basic Fee, PLUS B+C  B For All Structures: + C  The first 5000 s.f  Remaining over 5000 s.f  C Acreage of lot (or part thereof) \$100/ a	FINAL SITE PLAN - NON-RESIDENTIAL (A+B+C) A Basic Fee, plus B plus C B For All Structures: + C The first 5000 s.f Remaining over 5000 s.f. C Acreage of lot (or part thereof)	PRELIMINARY SITE PLAN - RESIDENTIAL (A+B) A Basic Fee, PLUS B B Building Site Pian FINAL SITE PLAN- RESIDENTIAL (A+B) A Basic Fee, plus B B Building Site Pian	

# CONTINUE CALCULATIONS ON PAGE 2 OF 2

Revised 02/06

# BRIDGEWATER FEE SCHEDULE - SITE PLAN

PAGE 2 OF 2

Escrow Fee Subtotal	* * * * * * * * * * * * * * * * * * *	tral 5
Escrow Fee	\$1,500.00 \$1,500.00 \$3,000.00 \$3,000.00 \$1,000.00	50% of inital Escrow
Application Fee Subfotal	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	43
Application Charge	\$100.00 \$100.00 \$250.00 \$250.00	50% of initial Fee
	VARIANCES - Each variance shall be computed. A Appeals (NJSA 40:55D-70a) B Interpretation (NJSA 40:55D-70b) C Hardship/Bulk (NJSA 40:55D-70c) D Use (NJSA 40:55D-70d) E Permit (40:55D-34&35)	AMENDED SITE PLAN OR EXTENSION OF APPROVAL

Payment is to be made in TWO checks. One check is to be identified as the APPLICATION FEE and the second check is to be identified as ESCROW ACCOUNT (must attach completed W-9 form)

Total Application Fee

Total Escrow

# **Kevin Kester**

From:

Natalie Troisi <ntroisi@bridgewaternj.gov>

Sent:

Wednesday, March 17, 2021 1:22 PM

To:

biwicki@somersetpatriots.com

Cc:

kkester@vcea.org

Subject:

FW: SPCMDIT, LLC. Deemed Complete

**Attachments:** 

SPCMDIT Deemed Complete 1.pdf

Correction: Application #20-041-PB

From: Natalie Troisi

Sent: Wednesday, March 17, 2021 1:21 PM

**To:** 'biwicki@somersetpatriots.com' < <a href="mailto:biwicki@somersetpatriots.com">biwicki@somersetpatriots.com</a>; 'kkester@vcea.org' < <a href="mailto:kkester@vcea.org">kkester@vcea.org</a> <a href="mailto:cca.org">cca.org</a> <a href="mailto:kkester@vcea.org">kkester@vcea.org</a> <a href="mailto:kkester@vcea.org">kkester@vcea.org</a>

<wburr@bridgewaternj.gov>; Maria Schaumberg <mschaumberg@bridgewaternj.gov>; Zuzana Karas

<zkaras@bridgewaternj.gov>

Subject: SPCMDIT, LLC. Deemed Complete

Good Afternoon,

Please see attached App# 21-008-PB Deemed complete.

## Please confirm receipt of this email.

If you have any questions please contact Ms. Doyle, doyle45@comcast.net or 908-413-0818.

Natalie Troisi

**Municipal Services** 

# **Natalie Troisi**

Planning Secretary Planning Department ntroisi@bridgewaternj.gov

# **Township of Bridgewater**

100 Commons Way Bridgewater, New Jersey 08807 Phone (908) 725-6300 x5530 Fax (908) 429-0586 www.bridgewaternj.gov



This email message and all attachments transmitted with it may contain legally privileged and/or confidential information intended solely for the use of the addressee only. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachment is prohibited. If you have received this message in error, please notify the sender immediately and delete this message.



# THE TOWNSHIP OF BRIDGEWATER

100 COMMONS WAY / BRIDGEWATER, N.J. 08807 908/725-6300 / FAX # 908/429-0586

Memo To:

SPCMDIT, LLC.

215 Route 202

Flemington, NJ 08822

biwicki@somersetpatriots.com

From:

Scarlett Doyle, Board Planner

Date:

March 17, 2021

Re:

COMPLETENESS OF APPLICATION

Application #	Applicant & Type of Application	Block	Lot	
20-041-PB	SPCMDIT, LLCROUTE 287 ROW, ADJACENT TO SOMERSET PATRIOTS BALL PARK	347	1	
	MINOR SITE PLAN			İ
		i i i i i i i i i i i i i i i i i i i		•

The above captioned application has been reviewed for completeness in accordance with Municipal requirements. Based on the review, the application has been deemed to be:

# COMPLETE

The application is scheduled for a Virtual Meeting at 7:00 p.m. on 4/13/2021

On March 31, 2021 Please Submit

See Word Doc details for posting legal notice and instructions to submit electronic copies for public viewing via website

Please submit (21) sets of all documents (including the application and associated documents plus the plans) to the Planning Department within 5-days from the date of this completeness letter. All (21) sets of plans must be folded in order to process. Rolled plans will not be accepted.

Publication Notices are to be placed in the official newspaper a minimum of 10-days prior to the board hearing date. Please provide required Notice and Certified Mail Receipts to the Planning Department at least 48-hours prior to the scheduled meeting date. E-mail is the preferred method of receiving this information, with original notice documents still required for the file. If these are not received in accordance to the referenced time-line, your application will be rescheduled.

PLEASE SEE ATTACHED DOCUMENTS FOR NOTICE



### THE TOWNSHIP OF BRIDGEWATER

100 COMMONS WAY BRIDGEWATER, N.J. 08807 (908) 725-6300 Ext. 5530

# MEMORANDUM TO APPLICANTS FOR PLANNING BOARD PUBLIC HEARING SCHEDULED FOR APRIL 13, 2021

In compliance with the New Jersey Municipal Land Use Law, the Land Development Ordinances of the Township of Bridgewater, New Jersey, the policies of the Bridgewater Planning Board, and the Executive Orders signed by Governor Murphy relating to the current COVID-19 pandemic, and in an effort to follow best practices recommended by the United States Center for Disease Control, the Bridgewater Planning Board will hold the above-referenced meeting using the VIRTUAL online platform. This means that any previously-issued Notice to the newspaper and to residents within 200 feet does not identify the venue, therefore,

# NEW NOTICE TO NEWSPAPER AND OWNERS WITHIN 200 FEET IS REQUIRED and ELECTRONIC PDF TRANSMITTALS OF YOUR APPLICATION IS REQUIRED

In order to assist, we have attached a Word-format language for your Notice. You will have to fill in the blanks that appear in this draft notice and identify the Name of the application.

- 1. The APPLICATION NAME has been assigned to you and is to be inserted into the Notice
- 2. The EXHIBIT.NAME is to be the file name assigned to each of the exhibits you intend to use during the hearing. Since there will be other applicants, you must include your assigned EXHIBIT NAME for each file. The Exhibits are to be emailed (.pdf format only) to the Planning Division and the Office of Constituent Relations 14 days before the meeting so that residents will have access to the documents at least 10 days before the meeting. The TWO email addresses are: <a href="mailto:ocr@bridgewaternj.gov">ocr@bridgewaternj.gov</a> and <a href="mailto:planning@bridgewaternj.gov">planning@bridgewaternj.gov</a> Please do not include your W9 in your PDF files.
- 3. The EXHIBIT DESCRIPTION is an *internal* list where you describe what is on each exhibit for your use at the meeting. See the names that have been assigned to your application. See the format below:

2 - SPCMDIT, LLC. EXHIBIT

3 - SPCMDIT, LLC. EXHIBIT

4 - SPCMDIT, LLC. EXHIBIT

Site Plan Sht#1

Enviro. Report

etc. as needed

APPLICANT	APPLICATION NAME FOR USE IN NOTICE	EXHIBIT NAME (.pdf format)	EXHIBIT DESCRIPTION
SPCMDIT, LLC.	SPCMDIT, LL	.C. 1 -SPCMDIT, LLC. EXHIBIT	Application

# BRIDGEWATER TOWNSHIP PLANNING BOARD PUBLIC NOTICE FOR VIRTUAL HEARING

In compliance with the New Jersey Municipal Land Use Law, the Land Development Ordinances of the Township of Bridgewater, New Jersey, the policies of the Bridgewater Planning Board, the Executive Orders signed by Governor Murphy relating to the current COVID-19 pandemic, and in an effort to follow best practices recommended by the United States Center for Disease Control:

PLEASE TAKE NOTICE that on April 13, 2021 at 7:00 PM, the Bridgewater Township Planning Board will hold a <u>VIRTUAL</u> public hearing on the application of the undersigned, at which time all interested persons will be given an opportunity to be heard <u>electronically</u> . The subject of the application is:
PRCPO \$ M-2. Paul of Paul of May 5 hard
The subject property is located in the PRCFD Zone, at the Address: Route 287 Row & Main Street and designated as Block(s) 347 Lot(s) 1 on the Tax Map. Domerse Patriof SE
Application of Sections of the Ordinance and description of violation is provided below:
The Applicant's proposal violates the following provisions of the Bridgewater Township Land
Development Ordinance: What is required and what is provided is provided described below:
The Applicant requests all such other variances, waivers, exceptions and/or other relief from the Bridgewater Township Land Development Ordinance and Bridgewater Township Planning Board as may be deemed necessary or required as may be required at the time of the hearing of this matter.
A copy of said application and documents is available online by going to <a href="www.bridgewaternj.gov">www.bridgewaternj.gov</a> and clicking on PLANNING BOARD AGENDAS AND MINUTES on the home page. Click on the application you seek information on and you will be directed to a link that will bring up the documents. Said documents will be available for all interested parties at least 10 business days prior to said hearing. You can schedule and in-person document review by calling the Planning Division office: (908) 725-6300 Ext. 5530.
The meeting will be hosted VIRTUALLY online for all Board Members, Board Professionals, the Applicant, and Applicant's professionals, and interested parties and members of the public. Members of the public are invited to view and participate in meetings live using RingCentral webinar, which also allows them to "raise a hand" and contribute when they are invited to do so during public portions of the meeting. Instructions for Virtual online meeting:
1. Download RingCentral meetings on preferred device: https://www.ringcentral.com/apps/rc-meetings 2. At the advertised start time of the meeting, enter: <a href="https://webinar.ringcentral.com/j/1497886453">https://webinar.ringcentral.com/j/1497886453</a> into your browser. *This method allows listening & participation.
Please Note: You may also join via telephone: Dial: +1(470)8692200, Webinar ID: 1497886453 *telephone access allows only listening and not participation. If you would like to make a comment, text: 1(908) 912-4247 with name, contact information and comment for the Board to be read into the record.
SPCMNITILC
SPC MDIT, LLC,  Typed or Printed Name(s) of Applicant  Signature of Applicant(s)
Date: 03-19-21  ZIS Forte 202 Flemington N). 0882  (Mailing Address of Applicant)
(Mailing Address of Applicant)

# BRIDGEWATER TOWNSHIP PLANNING BOARD PUBLIC NOTICE FOR VIRTUAL HEARING

In compliance with the New Jersey Municipal Land Use Law, the Land Development Ordinances of the Township of Bridgewater, New Jersey, the policies of the Bridgewater Planning Board, the Executive Orders signed by Governor Murphy relating to the current COVID-19 pandemic, and in an effort to follow best practices recommended by the United States Center for Disease Control:

will hold a <u>VIRTUAL</u> public hearing on the application persons will be given an opportunity to be heard <u>electro</u>	of the undersigned, at which time all interested onically. The subject of the application is:	
The subject property is located in the $\frac{PRCPD \& M-2}{M-2}$ Zone, at	the Address: Route 287 ROW & Main Street, adjacent to Sor	nerset Patriots
and designated as Block(s) 347 Lot(s) 1 Application # 20-041-PB Applicant: SPCMDIT, LLC Minor Site Plan	on the Tax Map.	Ballpark
The Applicant is seeking relief from the following Sectito permit: Description of Sections of the Ordinance and N/A	ions of the Bridgewater Land Use Ordinance so as	
The Applicant's proposal violates the following provision	ons of the Bridgewater Township Land	
Development Ordinance: What is required and what is p	\$4.50 ( ) 1	iš.
N/A		
The Applicant requests all such other variances, waivers Bridgewater Township Land Development Ordinance as be deemed necessary or required as may be required at t	nd Bridgewater Township Planning Roard as may	
A copy of said application and documents is available of clicking on PLANNING BOARD AGENDAS AND MINUTES seek information on and you will be directed to a link th will be available for all interested parties at least 10 busi and in-person document review by calling the Planning 1	on the home page. Click on the application you nat will bring up the documents. Said documents iness days prior to said hearing. You can schedule	
The meeting will be hosted VIRTUALLY online for all Applicant, and Applicant's professionals, and interested the public are invited to view and participate in meetings allows them to "raise a hand" and contribute when they meeting. Instructions for Virtual online meeting:	parties and members of the public. Members of slive using RingCentral webinar, which also	
<ol> <li>Download RingCentral meetings on preferred device:</li> <li>At the advertised start time of the meeting, enter: </li></ol>		

# THE TOWNSHIP OF BRIDGEWATER 100 COMMONS WAY / BRIDGEWATER, NJ 08807 PH 908-725-6300/FAX 908-725-4163

OFFICE OF THE TAX ASSESSOR

January 5, 2021

SPCMD II, LLC C/O Van Cleef Engineering Associates 501 N. Main Street Doyelstown, PA 18901

Re: Bridgewater 200' Radius of Certified Property Owners for

Applicant delineated section for Route 287 near Patriots Ball Park

Dear Mr. Kester,

Enclosed please find the certified list of property owners within 200 feet of the above referenced property. In accordance with the Township of Bridgewater land use code, Article VIII, Sec. 126-54, I certify that to the best of my knowledge the enclosed list is accurate, and complete in compliance with N.J.S.A. 40:55D-12. Please note only those utilities that wished to be noticed are listed.

Sincerely,

Anthony DiRado

Tax Assessor's Office

Anthony DiRado

		Other utilities an	Other utilities and agencys to contact.		
Block	Lot	Owner	Street Address	City, State	ZIP
0666	H	COUNTY OF SOMERSET	PO BOX 3000	SOMERVILLE, NJ	92880
0666	2	STATE OF NJ DOT	1035 PARKWAY AVE	EWING, NJ	08618
0666	m	CABLEVISION % CRAIG MCLEOD	275 CENTENNIAL AVE PISCATAWAY, NJ	PISCATAWAY, NJ	08854
0666	4	NJ-AMERICAN WTR CO%GIS SPVS-D SHORT	1025 LAUREL OAK RD	VOORHEES, NJ	08043
0666	5	PUBLIC SERVICE ELECTRIC & GAS	80 PARK PLZ # T6B	NEWARK, NJ	07102
0666	9	SUNOCO PIPELINE LP/RIGHT OFWAY DEPT	525 FRITZTOWN RD	SINKING SPRING, PA	19608

# ADJACENT PROPERTY LISTING APPLICANT: 200" from applicatant designate TAXING DISTRICT 06 BRIDGEWATER TWP COUNTY 18 SOMERSET

PROPERTY ID	PROPERTY LOCATION	CLASS	OWNERS NAME & ADDRESS
340	EASTON TURNPIKE	4B	AMER.CYAN.% PFIZER INC-INDIRECT TAX
2			100 ROUTE 206 NORTH
			PEAPACK, NJ 07977
340	1 STS DRIVE	4B	SOMERSET TIRE SVSINC%MAVIS TIRE SVS
3	345/1,347/3		358 SAW MILL RIVER ROAD
			MILLWOOD, NY 10546
341.01	AMERICAN CYAN/RIVER	5 <b>A</b>	CONSOLIDATED RAIL CORP% TAX DEPT
1			PO BOX 8499
			PHILADELPHIA, PA 19101
341.02	AMERICAN CYAN/RIVER	5A	CONSOLIDATED RAIL CORP % TAX DPT
1			PO BOX 8499
			PHILADELPHIA, PA 19101.8499
347	MAIN ST (AKA EASTERN TPK)	15C	SOMERSET COUNTY IMPROVEMENT AUTHOR.
1			PO BOX 3000
			SOMERVILLE, NJ 08876.1262
350	200 PROMENADE BLVD	4A	TARGET CORP % PROPERTY TAX DEPT
3			PO BOX 9456
			MINNEAPOLIS, MN 55440.9456
350	941 MAIN STREET	15C	COUNTY OF SOMERSET
4			PO BOX 3000
			SOMERVILLE, NJ 08876.1262



# THE TOWNSHIP OF BRIDGEWATER

100 COMMONS WAY / BRIDGEWATER, NJ 08807 PH 908-725-6300/FAX 908-725-4163

OFFICE OF THE TAX ASSESSOR

# REQUEST FOR 200' RADIUS LIST OF CERTIFIED PROPERTY OWNERS

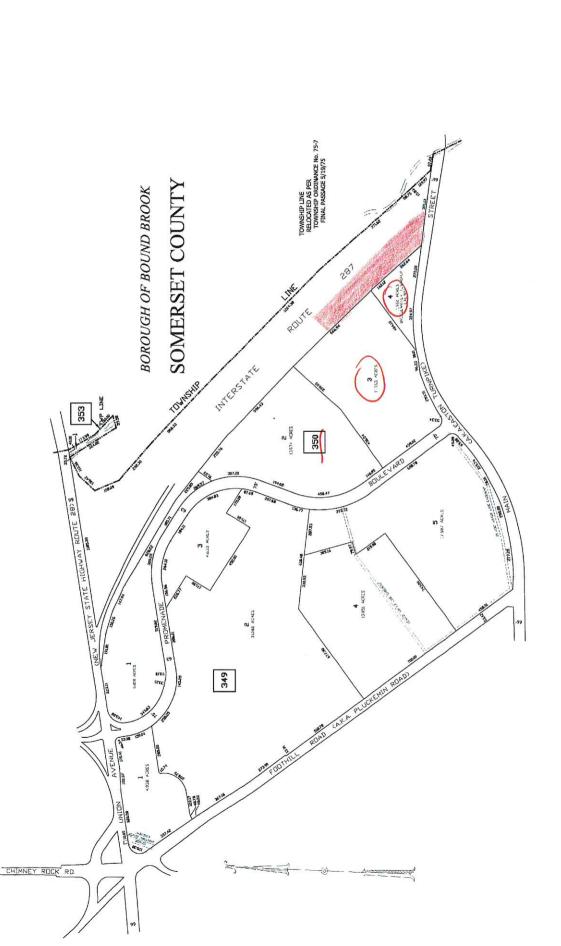
DATE DEC. 9, 2020	В в в в в в в в в в в в в в в в в в в в	LOT	,
PROPERTY LOCATION Sout	h Side of Poute:	287 ROW.	
APPLICANT SPCMD	IT, UC.		; ; ;
PICK-UPTELEP	PHONE 215) 345-1876 EN	nall <u>KFester@vanclee</u> ssociates	fergineening.
MAIL TO Van Cleet	Engineering As	ssociates	1 Ja
ADDRESS SOIN MO	un Street		;
CITY Daylestown	STATE 75	zip_ <b>1890</b> ]	· ;
PAID- CHECK #		CASH	; ;
MAIL TO: BRIDGE	WATER TAX ASSESSOR'S OFFICE		
	MMONS WAY WATER, NJ 08807		

### PLEASE NOTE:

THE CHARGE FOR THIS LIST IS \$10.00 FOR FORTY (40) OR LESS PROPERTIES. EACH PROPERTY IN EXCESS OF FORTY (40) HAS AN ADDITIONAL .25-CENT CHARGE. IN ADDITION, AS PER SECTION § 94 OF THE CODE OF BRIDGEWATER TOWNSHIP, THE TOWNSHIP MAY CHARGE AN ADDITIONAL \$35.00 FEE PER HOUR FOR THE COST OF PREPARING A LIST OF CERTIFIED PROPERTY OWNERS

Our policy is that a certified list is not started until the check is received by our office. Once received, we will make every effort to get this list to you as soon as possible

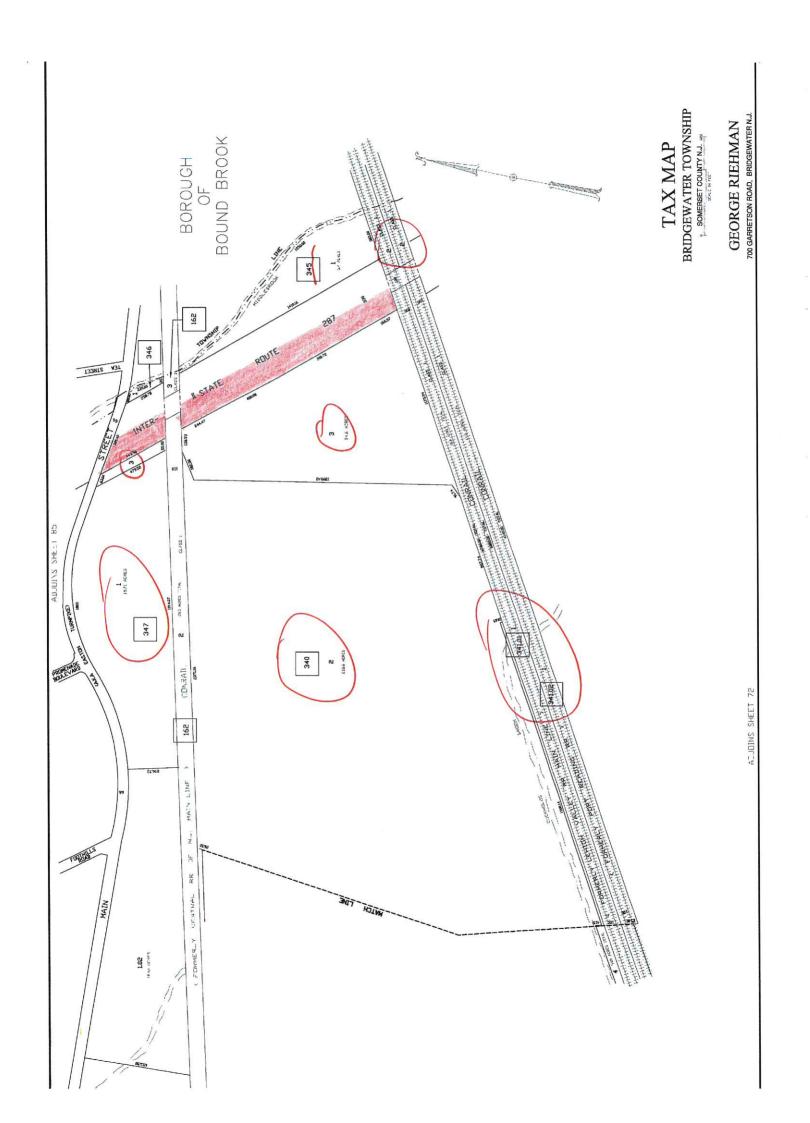
ABLIINS SILLI 73



TAX MAP
BRIDGEWATER TOWNSHIP
SOMERSET COUNTY NJ.

GEORGE RIEHMAN 700 GARETSON ROAD, BRIDGEWATER NJ.

ADJL. 48 St. Lt. 71



Secontify Features finducing the Dalatis on back DOLLIARS 12/8/2020 **★** \*\*10.00 #8 40 40 46 3 14 44 6 3 4 50 4 3 6 5 14 4 3 5 6 2 5 6 7 5 3 5 1 PAY TO THE Bridgewafer Township Tax Assessor Bridgewater Township Tax Assessor SPCMD II, LLC 1 PATRIOTS PARK BRIDGEWATER, NJ 08807 MEMO THE PROPERTY OF THE PROPERTY OF THE PARTY OF

### NEW JERSEY DEPARTMENT OF TRANSPORTATION

# MEMORANDUM

TO:

Kevin Kester, RLA, LLA, ASLA

Director of Landscape Architecture

FROM:

Paul Pospiech, Section Chief

Office of Landscape Architecture

DATE:

May 28, 2020

PHONE:

609-963-1139

SUBJECT:

Reforestation Plan for

Patriot's Ballpark - Route 287 R.O.W.

Bridgewater Township

Somerset County, New Jersey

We have reviewed the Reforestation Plan revised on 3/16/2020 and accept the plan pending NJ DEP Forestry acceptance. We have the following comments:

- Our office does not comment on the aesthetic design of this area since that is the job of the applicants LLA, we only review for compliance with health, safety and horticultural issues. Please have the LLA sign the final plan.
- Please note that without weeding of the embankment, volunteer growth will eventually
  take over the slopes and recreate the existing condition after an extended period of time.
  DOT maintenance crews do not have the resources to weed embankment slopes. We
  recommend DOT Maintenance Division provide a maintenance agreement for the
  applicants access to this slope for future vegetation maintenance.

If you have any questions pertaining to this review, please contact me at the above number.

PP: ns or pc File location



# State of New Tersey

# DEPARTMENT OF TRANSPORTATION P.O. Box 600 Trenton, New Jersey 08625-0600

PHILIP D. MURPHY Governor DIANE GUTIERREZ-SCACCETTI Commissioner

SHEILA Y. OLIVER Lt. Governor

March 1, 2021

SOMERSET PATRIOTS BRYAN IWICKI 1 PATRIOTS PARK BRIDGEWATER NJ 08807

In Reply Please Refer To:

Application #: L-287-C-18552-2019

Route : 287

Municipality: Bridgewater Township

County

: Somerset

To Whom It May Concern:

We are in receipt of your request for an extension of the above-referenced permit.

Please be advised that the New Jersey Department of Transportation has approved the request, and the subject permit is hereby extended for a period of one year from 02/27/2021 to 02/26/2022.

This letter must be attached to and become part of said permit.

All conditions of the original permit remain in full force.

If you have any questions regarding the above, please feel free to contact Ishan Patel of this office by email Ishan.Patel@dot.nj.gov or at 609-571-7683.

Sincerely,

# Shilp Shah

Shilp Shah Principal Engineer Operations Permit Office Form MT-XXXX 09/02 DISTRIBUTION; ORIG - PERMITTEE 1 Copy - REGION FILE 1 Copy - FIELD INSPECTOR 1 Copy - MAINT, FOREMAN

### NEW JERSEY DEPARTMENT OF TRANSPORTATION

# HIGHWAY OCCUPANCY PERMIT

PERMIT NO COUNTY MUNICIPALITY ROUTE NO

L-287-C-18552-2019 Somerset

Franklin Township 287

The required fee must accompany this permit either by money order or check, payable to the New Jersey Department of Transportation --CASH WILL NOT BE ACCEPTED-

PERMITTEE:

SPCMDII, LLC BRYAN IWICKI 215 ROUTE 202 FLEMINGTON NJ 08822

You are hereby granted permission for

LANDSCAPING/TREE TRIM/VEG CTRL

on SB side(s) of Route No287

at the following location(s): CR 533

in Franklin Township

County of Somerset

### THIS PERMIT AUTHORIZES:

Landscaping, tree trimming and related as per attached. All work performed within State right of way is to be done as delineated on both sides of this document and attachments thereto. The attached conditions (if any) which must be signed by the permittee on the bottom of each sheet, are part of this permit and must be adhered to. Prior to beginning work, the Traffic Interference Report included with this permit must be completed and faxed as indicated. This permit is not valid until the confirmation number obtained from the one call system is supplied to this office in accordance with P.L. 1994, Chapter 118, Item #11 of the Underground Facility Protection Act.

Approved plans for the above-mentioned project attached hereto and made a part hereof are entitled: Plans received on 2/6/19

I, we, the undersigned, herewith agree to accept and comply with the following:

The permit is for the designated purpose only. If the installation in the future requires an adjustment or relocation, a new permit must be secured. The cost of construction work and material will be entirely at the Permittee's expense. The Department will not share in any expense whatsoever or do any construction work pertaining to this project.

All construction work authorized herein will conform to the rules and regulations of the New Jersey Department of Transportation and conditions included herein and on the reverse side of this form.

All work will be done to the satisfaction of the Department.

No changes or alterations may be made at any time without written permission from the NJDOT.

No work in connection with this permit will be started until it is approved and issued. Notice will be given to the Permit Office 10 Department business days prior to commencing work.

After the construction work under this permit is completed, notification shall be given to the Permit Office that the work has been completed and is ready for final inspection and approval, by the Department.

Enclosed is the required fee, in the amount of \$130.00 payable to the New Jersey Department of Transportation.

If a permit is granted, I or we agree to comply with the rules and regulations of the New Jersey Department of Transportation as set forth in the conditions included therein and on the reverse side of this form. In addition, I or we understand that N.J.S.A. 27:7-44.I makes any violation of the provisions of the permit subject to a fine (Not exceeding \$100.00 per day) and civil action for the costs of prosecution as well as civil action for trespass to remove any non-conforming use. This permit cancels and supersedes any and all HIGHWAY OCCUPANCY at the above location and as shown on the attached plan.

DO NOT WRITE BELOW Signature and Title of Agent)

This permit is granted subject to the covenants, premises, terms and conditions set forth herein and made a part of this revocable permission or privilege. A copy with the supporting plan shall be available on the site until the project is completed.

PERMIT NO.

1-287-C-18552-2019

APPROVED BY

Paul D. Menz

FEB 26 2019

TITLE Supervisin

Supervising Engineer, OPERATIONS PERMIT OFFICE

UNLESS THE WORK AUTHORIZED UNDER THIS PERMIT IS COMPLETE WITHIN TWO YEARS OF DATE OF ISSUE, OR THE PERMIT IS EXTENDED WITHIN THAT TIME, THIS PERMIT SHALL BECOME NULL AND VOID.



# State of New Jersey

# DEPARTMENT OF TRANSPORTATION P.O. Box 600 Trenton, New Jersey 08625-0600

PHILIP D. MURPHY
Governor

DIANE GUTIERREZ-SCACCETTI Commissioner

SHEILA Y. OLIVER Lt. Governor

February 6, 2019

SPCMDII, LLC BRYAN IWICKI 215 ROUTE 202 FLEMINGTON NJ 08822

In Reply Please Refer To:

Application #

: L-287-C-18552-2019

Route

: 287

Municipality

: Franklin Township

County

: Somerset

Location

: CR 533 INTERSECTION WITH RT 287

Bond/Check No	Date Received	Amount	Balance Due Upon Approval	
10104	02/06/2019	395.00	130.00	

To Whom It May Concern:

This will acknowledge receipt of your application. In all future inquiries, please refer to the above application number.

If you do not receive information pertaining to this permit within 45 days from the above date, and you wish to inquire regarding the status of your submission, please feel free to contact Nick Micharski of this office by email Nicholas.Micharski@dot.nj.gov or at (609) 960-5472.

Sincerely,

Sapervising Enginee

Operations Permit Office

## **Somerset County Improvement Authority**

P.O. Box 3000 Somerville, New Jersey 08876-1262

Michael Amorosa Chairman

Matthew Loper Secretary



Commissioners Brett Radi John Kitchen Richard Williams

April 17, 2018

Kevin Kester Van Cleef Engineering 501 North Main Street Doylestown, PA 18901 Main: (215) 345-1876 Ext 1260

Fax: (215) 345-1730 Kkester@vcea.org

Dear Mr. Kester

Please accept this letter as confirmation that the Somerset County Board of Chosen Freeholders and the Somerset County Improvement Authority, owner of the land that the Somerset Patriots Ballpark sits on, consent to the Tree Clearing of the Route 287 Right-of-Way adjacent to the Ballpark. Further, the Somerset County Improvement Authority supports the application being made by Van Cleef Engineering Associates on behalf of the Somerset Patriots.

Should have any questions about this proposal and the County's involvement; feel free to contact me at (908) 231-7040.

Very truly yours,

Michael J. Ambrosa County Administrator

Email copy to Jimmy McAndrew – <u>Jimmy.McAndrew@matthewoutdoor.com</u>



Since 1972 • Consulting Civil Engineers | Land Development | Municipal | Bridges | Highways | Construction Management | Construction Inspection | Dams | Geotechnical | Hydraulics/Hydrology | Water/Wastewater | Stormwater Management | Surveying | Planning | Landscape Architecture

Neil I. Van Cleef, P.E., L.S. & P.P.
Robert J. Clerico, P.E. & P.P.
Samuel D. Costanzo, P.E. & P.P.
Cynthia V. Norfleet, COO
Mark A. Bahnick, P.E.
Lawrence M. Diffley, P.E., PTOE
Michael K. Ford, P.E. P.P.
Jeffrey W. Munzing, P.E.
Stanley J. Schrek, P.E. A.I.A., P.P. CME, LEED AP
Herbert J. Seeburger, Jr. P.E., CME, CPWM

September 22, 2020

# Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Bridgewater Township, Somerset County, NJ.

#### Narrative

The area in question is approximately 7.35 acres of property within the ROW of Route 287, located adjacent to the Somerset Patriots Ballpark which is located at 1 Patriots Park in Bridgewater Township, Somerset County, NJ. The property is owned by NJDOT and we have already obtained permits from them to removed dead trees within the ROW.

The objective of the activity at this project site is to deforest the area in question due to a large number of tree deaths pertaining to the Emerald Ash Borer that hit this site pretty badly in 2018. The owner of the ballpark would like to remove the trees existing today and replace them with healthy, smaller ornamental and small canopy trees that would not impede vision into the ballpark parking lot and stadium from the ROW of Route 287 as cars pass by.

This would be more inviting and encourage passersby to visit the ballpark. Our goal is to optimize visibility into the ballpark from a 1700' x 100' portion of the ROW to the South, adjacent to the STS Corporate Offices, and a 1500' x 100' portion to the North, adjacent to Target.

We have been working with Paul Pospiech of the Landscape Architect Department of NJDOT since 2017 when we first approached them about removal of all the dead and dying Green Ash Trees at the site. We finally received the NJDOT Permit from them on February 26, 2019, which is good for 2 years until February 26, 2021.

We overlaid the No Net Tree Loss Grid on a 2019 aerial photo that would depict the remaining wooded areas after many of the ash trees had been removed due to

Van Cleef
ENGINEERING ASSOCIATES

September 22, 2020 Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Page 2 of 3

loss from the Emerald Ash Borer. On the site which consists of approximately 7 acres we identified 3.99 total acres of woodlands of which 2.35 acres counted as woodlands with the grid calculations. Grids with less than 33% wooded area did not count in the calculation (according to the NNC calculations guidelines). The 2.35 acres multiplied by 204 trees per acre or 479 trees.

We actually took it one step further and had a Certified Tree Expert prepare a report that identified 266 remaining healthy trees left standing at the site that are 4" caliper or larger.

We have proposed replacing each of these 266 trees with small canopy and ornamental trees that would not create a maintenance problem in the future, requiring the applicant to go back to NJDOT every 5 years for permits to prune the trees so as to keep visibility open as much as possible into the site from the 287 Highway ROW.

Besides the Somerset Patriots Ballpark, the two adjacent properties affected by the tree deforestation/reforestation are the STS property to the South and the Target store to the North. STS has their corporate headquarters on STS Drive, next door to the Somerset Patriots Ballpark on the south. Target is next door on the north side

Besides the predominant ash forest within the Route 287 ROW, the live trees found there include Elm Trees, White Oaks, Black Walnut, Black Cherries, Yellow Poplar, Persimmons, Catalpa, Pear Trees, Cedars, and White Pines. The understory consists of Wild Grapevine, Sumac, Multiflora Rose and other native shrubs. There is a huge population of Poison Ivy in the understory and growing upon the trees that remain on the site, though much of that was removed with the dead tree removal on-site. The slope is steep; most likely 3:1 or 4:1 with urban soils used for fill during the construction of the highway. The wildlife associated with this area is that typically associated with successional woodlands: rabbits, squirrels, raccoons, groundhogs, fox, skunks and chipmunks. A myriad of birds also populate these woods, as well as snakes, salamanders, earthworms and many insects.

The deforestation of the trees above was inventoried in the attached report. We chose the replacement threes from the publication, "Trees for New Jersey Streets, Fifth Revision 2007", as instructed by Joe Bennett at the onset of the project. The trees, as mentioned earlier, were chosen for their eventual heights, as we wish to avoid returning to NJDOT for permit renewals every 5-10 years to prune and top the trees for visibility into the Somerset Patriots Ballpark. The trees (each will be

Van Cleef
ENGINEERING ASSOCIATES

September 22, 2020 Reforestation Plan for Somerset Patriots Ballpark - Route 287 ROW Page 3 of 3

2"- 2 ½" caliper at time of planting, min. 8'- 10' ht.) chosen for replacement are as follows:

- 1. 18 Trident Maple
- 2. 18 Hedge Maple
- 3. 18 Clump River Birch
- 4. 18 Thornless Cockspur Hawthorn
- 5. 18 Jersey Belle Silverbell
- 6. 18 Carolina Silverbell
- 7. 18 Newport Purpleleaf Plum
- 8. 18 Accolade Flowering Cherry
- 9. 18 Ivory Silk Tree Lilac
- 10.18 Shadblow Service Berry
- 11.18 Eastern Redbud
- 12.18 Flowering Dogwood
- 13.18 Kousa Dogwood
- 14.18 Cornelian Cherry Dogwood
- 15.2 White Fir
- 16.2 American Holly
- 17.2 Norway Spruce
- 18.2 Douglas Fir
- 19.3 Colorado Spruce
- 20.3 Bald Cypress

The Evergreen Trees are to be planted near the bottom of the Route 287 ROW hill. All 266 of the above mentioned trees will be replaced on-site as shown on the Reforestation Plan. The Compensatory Reforestation Plan Review for a Single State Reforestation Plan is \$3,000.00 and is attached. The fee for on-site reforestation of \$8.00 per tree x 266 trees is \$2,125.00. Both checks are attached.

This narrative has been prepared by Kevin A. Kester, LLA, Associate, Director of Landscape Architecture, VCEA.

evin A. Kester, LLA



For Distr	iet Use Only		
-			
<b> </b>		<u> </u>	
		-	
}			
<del></del>		······································	

### APPLICATION FOR SOIL EROSION AND SEDIMENT CONTROL PLAN CERTIFICATION

The enclosed soil erosion and sediment control plan and supporting information are submitted for certification pursuant to the Soil Brosion and Sediment Control Act, Chapter 251, P.L. 1975 as amended (NJSA 4:24-39 et. seq.) An application for certification of a soil erosion and sediment control plan shall include the items listed on the reverse side of this

iomr Somes	SOL	excelor and seathers com	not plan statt meigae	this ments tisteri Gi	i the tevetae aide of this	
Referentation Plan Pate	nots Ballpar	Project Location: M	unicipality WATE	ownsh	þ	
Project Street Address Park, Bridge	ewarter, N : 088	07 Route 2	87 ROW, at	G. Rte	1533Interse	chá
SPCMDIT, LUC,	7.0	F Rmail	Somersel-p	1 / / / /	6)252-070C	
Project Symony Street Address (No.P.O. Box Number 2002)	ers)	Flomina		State	08822	
Total Project Area (Acres) (Acres) (Acres) (Acres)	Total Soil Restoration Are (Acres)	a No. Dwelling or oth	er Units	100 \$700 \$1 195	. on App. Fee	nFee
Plans Proposed by Nan Cleef Enaineering A	ssociales	Evel of plan prepar	yancleef gineenmi	Phone 215	7345-1876	
Street Address Main Street		Doulesto	hun '	SPA.	18901	
*(Engineering related froms of the Soil Erosion and Sedu licensed in the State of New Jersey, in accordance with	ment Control Plan MUST be i NJAC [3:27-6.1 et. seg.)	prepared by $\phi r$ under the d	lirection of and be sea	led by a Professio	nal Engineer or Architect	-•
Agent Responsible During Construction			- Bmail		,	]
Street Address					<del> </del>	1
City State	Zip	Phone		Fax#		1

The applicant hereby certifies that all soil crossen and sediment control measures are designed in accordance with current Standards for Soil Erosion and Sediment Control In New Jersey and will be installed in accordance with those Standards and the plan as approved by the Soil Conservation District and agrees as follows:

- To notify the District in writing at least 48 hours in advance of any land disturbance activity. Failure to provide such notification may result in additional inspection fees.
- To notify the District upon completion of the Project (Note: No certificate of occupancy can be granted until a report of compliance is issued by the District.
- 3. To maintain a copy of the certified plan on the project site during construction.
- 4. To allow District agents to go upon project lands for inspection.
- That any conveyance of this project or portion thereof prior to its completion will transfer full responsibility for compliance with the certified plan to any subsequent owners.
- To comply with all terms and conditions of this application and certified plan including payment of all fees prescribed by the district fee schedule hereby incorporated by reference.

The applicant hereby acknowledges that structural measures contained in the Soil Erosion and Sediment Control Plan are reviewed for adequacy to reduce offsito soil crosion and sedimentation and not for adequacy of structural design. The applicant shall retain full responsibility for any damages which may result from any construction activity netwithstanding district certification of the subject soil crosion and sediment control plan. It is understood that approval of the plan submitted with this application shall be valid only for the duration of the initial project approval granted by the municipality. All municipal renewals of this project will require submission and approval by the district. In no case shall the approval extend beyond three and one-half years at which time resubmission and certification will be required. Soil Broston and Sediment Control Plan certification is limited to the controls specified in the plan. It is not authorization to engage in the proposed land use unless such use has been previously approved by the municipality or other controling agency. It is further understood that all documents, site plans, design reports etc. submitted to the district shall be made available to the public (upon request) pursuant to the Open Public Records Act, N.J.S.A. 47:1A-1 of seq.

1. Applicant Certification  Signature  Suffus Summer  Applicant Plants (Print) BW OF TWICK   12/8/2022	Plan determined complete:     Signature of District Official	Date
2. Recoipt of fee, plan and supporting documents is hereby acknowledged:	4. Plan certified, denied or other actions noted above. Sp.	ocial Remarks;
Signature of District Official Date	Signature of District Official	Date

\*If other than project owner, written authorization of owner must be attached.

SSCC251 AP10 3/18

#### APPENDIX A2

# REQUIREMENTS, GUIDELINES AND PROCEDURES FOR PREPARING AND IMPLEMENTING "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY"

An application for certification of a soil erosion and sediment control plan shall include the following items.

- One copy of the complete subdivision, site plan or construction permit application, including key map as submitted to the municipality (Architectural drawings and building plans and specifications not required.) which includes the following:
  - Location of present and proposed drains and culverts with their discharge capacities and velocities and support computations and identification of conditions below outlets.
  - Delineation of any area subject to flooding from the 100-year storm in compliance with the Flood Plains Act (NJSA 58:16A) or applicable municipal zoning.
  - Delineating of streams, wetlands, pursuant to NJSA 13:9B and other significant natural features within the project area.
  - 4. Soils and other natural resource information used. (Delineation of the project site on soil map is desirable utilizing the USDA Web Soil Survey.)
  - 5. Land cover and use of area adjacent to the land disturbance.
  - 6. All hydraulic and hydrologic data, describing existing and proposed watershed conditions and HEC HMS, HEC RAS, TR-55 and similar models, and other electronic input files, if used, of existing and proposed conditions and a completed copy of the Hydraulic and Hydrologic Data Base Summary Form, SSCC 251 HDF1.
- 2. Up to four copies of the soil erosion and sediment control plan\* at the same scale as the site plan submitted to the municipality or other land use approval agency to include the following: (This information shall be detailed on the plat)
  - 1. Proposed sequence of development including duration of each phase in the sequence.
  - Site grading plan showing delineation of land areas to be disturbed including proposed cut and fill
    areas together with existing and proposed profiles of these areas (an interim grading-erosion
    control plan may be required for large sites with extensive cuts and fills).
  - Contours at a two-foot (or smaller) interval, showing present and proposed ground elevation.
  - 4. Locations of all streams and existing and proposed drains and culverts.
  - 5. Stability analysis of areas below all points of stormwater discharge which demonstrates a stable condition will exist or there will be no degradation of the existing condition.
  - Location and detail of all proposed erosion and sediment control structures including profiles, cross sections, appropriate notes, and supporting computations.
  - Location and detail of all proposed nonstructural methods of soil stabilization including types and rates of lime, fertilizer, seed, and mulch to be applied.
  - Control measures for non-growing season stabilization of exposed areas where the establishment of vegetation is planned as the final control measure.
  - For residential development control measures to apply to dwelling construction on individual lots and notation that such control measures shall apply to subsequent owners if title is conveyed. This notation shall be shown on the final plat.
  - 10. Plans with a notation for maintenance of permanent soil erosion and sediment control measures and facilities during and after construction, also indicating who shall have responsibility for such maintenance.
  - 11. Where applicable, the location and details for all proposed soil restoration areas including appropriate notes and sequencing.
- 3. Appropriate fees. (As adopted by the individual district.)
- 4. Additional items as may be required.

<sup>\*</sup>Individual districts may require modifications in the above list.

### SOIL CONSERVATION DISTRICT ADDENDUM TO APPLICATION

#### APPLICATION BY CORPORATION, PARTNERSHIP OR ORGANIZATION

#### OWNERSHIP DISCLOSURE AFFIDAVIT

Soil Conservation District requests that all applicants submit a complete list of ownership for purposes of determining conflicts of interest between the applicant and the board of members or their professionals. Attack Rider if necessary.

Disclosure of owners of organization and property subject to application. Any organization making an application for development under this act shall list the names and addresses of all members, stockholders, or individual partners (collectively, "Interest holders"), including any other organization holding at least a 10% ownership interest in the organization, and shall also identify the owner of the property subject to the application, including any organization holding at least a 10% ownership interest in the property.

Listing of names and addresses of interest holders of applicant and owner organization.

If an organization owns an interest equivalent to 10% or more of another organization, subject to the disclosure requirements hereinabove described, that organization shall list the names and addresses of its interest holders holding 10% or greater interest in the organization.

Disclosure of all officers and trustees of a non-profit organization. A non-profit organization filing an application of development under this act shall list the names and addresses of all officers and trustees of the non-profit organization,

This disclosure requirement is continuing during the Certification period and transfer of ownership of more than 10% must be disclosed.

Organization or non-profit organization failing to disclose: flue, Any organization or non-profit organization failing to disclose in accordance with this act shall be subject to a fine of \$1,000 to \$10,000, which shall be recoverable in the name of the municipality in any court of record in the State in a summary manner pursuant to the "Penalty Enforcement Law" (N.J.S.A. 2A:58-1 et seq.)

Name and Address of Applicant:

(If Corporation, Nante and Address of Registered Agent and Officers, Trustees):

Stockholders / Members / Partners:

I certify that the above statements made by me are true, I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment,

Date

DOLLARS 10181 12/8/2020 \*\*-1,195.00 ₩ n Bank 5-136/312 Somerset-Union Conservation District Somerset-Union Conservation District SPCMD II, LLC 1 PATRIOTS PARK BRIDGEWATER, NJ 08807 MEMO INSpection Fee PAY TO THE ORDER OF

Œ

隻

DOLLARS 10179 12/8/2020 \$ \*\*700.00 7 Shield Somerset-Union Conservation District Somerset-Union Conservation District SPCMD II, LLC 1 PATRIOTS PARK BRIDGEWATER, NJ.08807 MEMO Application Fee PAY TO THE ORDER OF

The Constitution (T-

#0101799 #01011011011011 #3262878735 #

# TREE EXPERT SURVEY

Prepared by:

Alan August Certified Tree Expert (CTE) [NJTC768011]

Provided to:

Hidden Hollow Acres, LLC

P.O. Box 441

Whitehouse, NJ 08888

# BRIDGEWATER TREE PROJECT I-287 Brush Initiative

Dated: October 1, 2019

### TREE SURVEY – BRIDGEWATER TREE PROJECT

The objective of this report is to identify trees that are 4" or greater in caliper, located in the designated area based on their species and condition. Trees that are deemed dead, or severely declining are recommended for removal. The plan for the remainder of trees will be based upon New Jersey State directives coupled with client's needs. The introduction of replacement trees is planned for the future.

1. <u>Starting Point</u> – North side / rear of Target.

```
5" Black Cherry – Dead – Canopy snapped off.
22" Ash Tree - Dead - on ground
26" Ash Tree - Dead - on ground
20" Ash Tree - Dead - on ground
16" Black Cherry - Canopy approx. 25'
18" Dead – on ground. No bark - unidentifiable.
18" Dead – on ground. No bark - unidentifiable.
22" Dead - on ground. No bark - unidentifiable.
25" Dead – on ground. No bark - unidentifiable.
20" Dead – on ground. No bark or No bark - unidentifiable.
8" Dead - on ground. No bark - unidentifiable.
18" Ash Tree - Dead - lying across fence
24" Ash Tree – Dead – lying across fence
22" Ash Tree – Dead – lying across fence
16" Elm Tree – Dead – canopy broken up
30" Ash Tree - Dead - canopy broken up
30" Ash Tree - Dead - on ground
10" Elm Tree - Declining/Dead
6" Ash Tree - Dead
6" Elm Tree - Declining/Dead
12" Black Cherry - Declining/Dead
8" Ash Tree - Dead
8" Ash Tree - Dead
```

```
8" Black Chery - Decline/Dead
10" Ash Tree - Dead
Grouping of six (6) Persimmon Trees in a cluster average 8" each one (1) Dead
12" Ash Tree - Dead
12" Ash Tree - Dead
16" Yellow Poplar
18" Mulberry Tree
18" Ash Tree - Dead
14" Ash Tree - Dead
12" Ash Tree - Dead
** Special note – much of the designated area is overgrown with Wild Grape Vine,
Sumac and other undergrowth that needs to be removed before any work can be done.
These vines have contributed to killing off several trees
12" Black Cherry - Dead
18" Mulberry Tree - Decline
20" Elm Tree - Dead
18" Ash Tree - Dead
16" Ash Tree - Dead
10" Yellow Poplar Tree
10" Persimmon Tree
8" Persimmon Tree
12" Yellow Poplar Tree
8" Mulberry Tree
18" Pin Oak Tree
14" Northern Red Oak Tree
15" Pin Oak Tree
16" Black Walnut Tree - Dead
44" Elm Tree – Dead and has fallen from Target side wooded area and is currently
leaning on Telephone/Electric Pole. Tree is approximately 80' in length and has
crushed fence.
10" Elm Tree - Dead
18" Ash Tree - Dead
14" Ash Tree - Dead
```

18" Elm Tree - Dead

```
12" Elm Tree - Decline/Dead
```

15" Ash Tree - Dead

12" Ash Tree - Dead

20" Ash Tree - Dead

18" Elm Tree

18" Ash Tree - Dead

16" Ash Tree - Dead

12" White Oak Tree

10" White Oak Tree

20" Elm Tree

10" Black Walnut Tree - Dead

6" Black Walnut Tree - Dead

5" Black Walnut Tree - Dead

18" Elm Tree - Decline/Dead

24" Elm Tree - Decline/Dead

6" Yellow Poplar Tree - Dead

12" Ash Tree - Dead - Canopy very thin - numerous branches on ground

12" Ash Tree - Dead - Canopy very thin - numerous branches on ground

18" Elm Tree - Dead - Canopy very thin - numerous branches on ground

16" Elm Tree - Dead - Canopy very thin - numerous branches on ground

16" Elm Tree - 50% Dead

10" Persimmon Tree - Dead

16" Black Cherry Tree - Canopy on ground - broken up and dead

14" Black Cherry Tree - Canopy on ground - broken up and dead

14" Black Cherry Tree – Canopy of ground – broken up and dead

Twelve (12) Elm/Ash Trees laying on ground Dead. Average caliper 12-14"

Wild Grape Vine 4" caliper and below. Must be removed – approximately 1000 square foot area.

12" Black Cherry Tree

16" Black Cherry Tree

12" Black Cherry Tree

18" Ash Tree - Dead

20" Ash Tree - Dead

```
Approximately 15 dead mixed variety – Elm & Ash Trees. Difficult to identify
which is which. Trees are laying on ground on top of each other – making 15"
logs by 30' lengths.
8" Yellow Poplar
8" Yellow Poplar
40" Ash Tree – two (2) trees that have grown together at base – Canopy broken
off at 30' in height. Limbs at 30' height making 18" caliper. Very large tree – Dead
30" Black Cherry Tree – very large base – canopy broken off at 15' in height.
Branches at the 15' height are 12" caliper.
10" Elm Tree - Dead
8" Elm Tree - Dead
12" Elm Tree - Dead
12" Ash Tree - Dead - Canopy broken off
12" Ash Tree - Dead - Canopy broken off
10" Ash Tree - Dead - Canopy broken off
16" Ash Tree - Dead - Canopy broken off
26" Red Maple Tree – growing in and through fence. Need to remove.
12" Black Cherry Tree - Choked by grapevine - Dead
14" Black Cherry Tree - Choked by grapevine - Dead
8" Yellow Poplar Tree
6" Yellow Poplar Tree
10" Yellow Poplar Tree
16" Ash Tree – Decline/Dead – able to snap off lower branches
12" Ash Tree - Decline/Dead - able to snap off lower branches
12" Ash Tree – Decline/Dead – able to snap off lower branches
14" Ash Tree - Decline/Dead - able to snap off lower branches
8" Persimmon Tree
6" Persimmon Tree
8" Persimmon Tree
20" Elm Tree - Dead
16" Elm Tree - Dead
26" Catalba Tree – Growing into and over fence. Fence is crushed
24" Ash Tree - Dead
16" Mulberry Tree up against and around fence
15" White Oak Tree
```

#### 10" Ash Tree - Dead

- 10" Mulberry Tree
- 12" Poplar Tree
- 16" Mulberry Tree growing into and through fence
- 16" Mulberry Tree growing into and through fence.
- 14" Northern Red Oak Tree
- 10" Ash Tree Dead
- 8" Pin Oak Tree
- 8" Pin Oak Tree
- 10" Mulberry Tree growing into fence
- 12" Mulberry Tree growing into fence
- 12" Ash Tree Dead
- 12" Ash Tree Dead
- 10" Ash Tree Dead
- 6" Ash Tree Dead
- 18" Ash Tree Dead
- 18" Ash Tree Dead on ground
- 20" Ash Tree Dead on ground
- 10" Black Cherry Dead
- 20" Ash Tree Dead
- 18" Elm Tree Decline/Dead
- 16" Mulberry Tree Dead
- 22" Ash Tree Dead
- 10" Persimmon Tree
- 8" Persimmon Tree
- 12" Ash Tree Dead
- 6" Persimmon Tree Dead
- 6" Persimmon Tree Dead
- 24" Ash Tree fallen over most of tree on ground

Grouping of four (4) Persimmon Trees average 10"

- 10" Black Cherry Dead
- 20" Ash Tree Dead
- 18" Elm Tree Decline/Dead
- 16" Mulberry Tree Canopy Snapped
- 22" Ash Tree Dead

```
10" Persimmon Tree
8" Persimmon Tree
```

12" Ash Tree - Dead

6" Persimmon Tree - Dead

6" Persimmon Tree

24" Ash Tree – Fallen over most of tree on ground

Grouping of 4 Persimmon Trees - average 10"

15" White Oak - Broken Branches

20" Ash Tree - Dead

18" Ash Tree - Dead

22" Ash Tree - Dead

16" Ash Tree - Dead

Grouping of 5 Persimmon Trees - average 8" caliper

10" Pin Oak – Dead – This Oak Tree has a rotten root system due to its location in swale.

16" Northern Red Oak – at guardrail of Route 287

16" White Oak

30" Ash Tree - Decline/Dead - Fallen over on ground

14" Ash Tree - Decline/Dead - Fallen over on ground

12" Ash Tree - Dead - Fallen over on ground

14" Ash Tree - Dead - Fallen over on ground

14" Elm Tree - Decline/Dead

14" Ash Tree - Dead

10" Yellow Poplar Tree

18" Elm Tree - Decline/Dead

20" Elm Tree - Dead

12" Ash Tree - Dead

10" Persimmon Tree

10" Persimmon Tree

15" Black Cherry Tree – Broken up canopy

14" Black Cherry Tree - Decline/Dead

16" Black Cherry Tree - Decline/Dead

12" Black Cherry Tree - Decline/Dead

12" Black Cherry Tree - Decline/Dead

16" Black Cherry Tree - Decline/Dead

```
16" Elm Tree - Decline/Dead
```

18" Elm Tree - Dead - Canopy broken off

12" Ash Tree - Dead - Laying on ground

12" Ash Tree - Dead - laying on ground

14" Ash Tree - Decline/Dead

12" Ash Tree - Decline/Dead

10" Pin Oak Tree

12" Pin Oak Tree

8" Elm Tree - Decline/Dead

10" Ash Tree - Dead

8" Pin Oak - Dead - Top broken off

12" Ash Tree - Dead

16" Elm Tree - Dead

14" Elm Tree - Dead

12" Northern Red Oak

30" Cluster of 3 leaders Ash Trees - Dead

12" Yellow Poplar Tree

Approximately 15 dead mixed variety – Elm & Ash Trees. Difficult to identify which is which. Trees are laying on ground on top of each other – making 15" logs by 30' lengths.

15" Northern Red Oak

8" Elm Tree – Decline/Dead – 50% dead

10" Elm Tree - Decline/Dead - 50% dead - limbs on ground

8" Ash Tree - Dead

36" Ash Tree – completely Dead. Whole canopy broken off – The top of this tree is 20" caliper multiple stems left. Big Tree

Seven (7) different mixed variety trees – all making 8" caliper – Dead. Cannot cross stream and mud.

10" Elm Tree – Broken Top of Canopy

12" Ash Tree - Dead

23" Ash Tree - Dead

Grouping of eight (8) Persimmon Trees – all 5" caliper

18" Catalpa Tree - elongated cigar shape fruits still hanging on trees

24" Catalpa Tree – elongated cigar shape fruits still hanging on trees

20" Catalpa Tree – elongated cigar shape fruits still hanging on trees

```
20" Black Walnut Tree
8" Elm Trees (five 5) – at bottom of land-stream bed – Dead
16" Catalpa Tree
Grouping of eight (8) Ash Trees – average caliper 8" – broken tops – Dead
5" Pin Oak Tree
20" Elm Tree – Dead – Top broken off
24" Ash Tree - Dead
7" Persimmon Trees – four (4)
12" Black Cherry Tree - Dead - Canopy broken off
14" Black Cherry Tree - Dead - Canopy broken off
14" Black Walnut Tree
12" Black Walnut Tree
Approximately 40 mixed variety trees located in swampy area. Dead in brush,
take down. Average Height 10'-15' all approximately 8" caliper.
24" White Oak Tree
26" Ash Tree - Dead
22" Ash Tree - Dead
Approximately 35 8" caliper trees – mixed varieties. Take down.
20" Ash Tree - Dead
24" Ash Tree – Dead – three (3) large leaders
15" White Oak Tree
20" Ash Tree - Dead
18" Ash Tree - Dead
18" Ash Tree - Dead
16" Ash Tree - Dead
20" Ash Tree - Dead
12" Black Cherry Tree – Top broken off – Dead
15" Ash Tree - Dead - No Top
Twenty-five (25) Mixed variety of trees - dead/heavy underbrush- take down.
Average 8" caliper.
15" Ash Tree - Dead - take down.
Grouping of ten (10) trees – Elm & Ash approximately 10" caliper on average –
Take down
8" Pin Oak Tree
10" Pear Tree
```

- 16" Hickory Tree
- 6" Ash Tree Dead
- 6" Northern Red Oak Tree
- 14" Elm Tree Dead
- 6" Persimmon Tree
- 6" Persimmon Tree
- 5" Persimmon Tree
- 16" Elm Tree Take down Dead
- 8" Elm Tree Take down Dead
- 14" Ash Tree Take down Dead
- 5" Red Maple Tree
- 8" Ash Tree Dead
- 7" Pear Tree
- 12" Red Maple Tree Take down Dead
- 10" Red Maple Tree Take down Dead
- 14" Red Maple Tree Take down Dead
- 5" Pear Tree
- 14" White Oak Tree Take down Dead
- 12" Ash Tree Take down Dead
- 6" Elm Tree Dead
- 4" Pear Tree
- 6" Pear Tree
- 10" Pin Oak Tree Take down Dead
- 8" Pear Tree
- 8" Persimmon Tree Take down Dead
- 8" Mulberry Tree Dead
- 6" Pear Tree
- 8" Pear Tree
- 8" Red Maple Tree
- 6" Red Maple Tree
- 4" Pear Tree
- 8" Persimmon Tree
- 8" Pear Tree
- 10" Ash Tree Dead
- 12" Ash Tree Dead
- 6" Persimmon Tree
- 6" Pear Tree Dead

```
6" Pear Tree - Dead
10" Mulberry Tree - Top Dead
12" Mulberry Tree - Top Dead
14" Elm Tree - V Crotch - Dead
Eight (8) 12" trees lying on ground – cannot determine variety – old trees
12" Pin Oak Tree
Three (3) 10" dead trees lying on ground – cannot determine variety – old trees
14" Pin Oak Tree
4" Yellow Poplar Tree - Dead/Decline
6" Yellow Poplar Tree
6" Yellow Poplar Tree
8" Pear Tree
16" Mulberry Tree
24" Elm Tree - Dead
8" Pear Tree
8" Persimmon Tree - Dead
10" Persimmon Tree
Fifteen (15) 12" mixed variety trees – cannot obtain access – underbrush heavy
six (6) out of fifteen (15) are dead
20" Mulberry Tree - Broken up - Dead
14" Mulberry Tree - Dead
16" Pine Tree - 50% - Declining - top green only
18" Pine Tree- 50% - Declining - top green only
[All Pine Trees seem to have lost branches and declined]
6" Elm Tree - Dead
10" Pear Tree
10" Elm Tree - Dead
Three (3) 16" Elm Trees-Take down
8" Pear Tree
6" Pear Tree
8" Pear Tree
6" Elm Tree - Dead
14" Native Cedar Tree - Dead
24" Elm Tree - Dead
10" Pine Tree
20" Elm Tree - Dead
```

```
22" Elm Tree - Dead
6" Pear Tree
6" Pear Tree
5" Pear Tree
10" Pear Tree
8" Pin Oak Tree
8" Northern Red Oak Tree
6" Northern Red Oak Tree
8" Black Walnut Tree
20" Elm Tree
Twelve (12) 12" mixed variety trees. Caliper designation is the average. Five (5)
out of twelve (12) are dead
8" Pear Tree
12" Pine Tree
14" Pine Tree
12" Pine Tree
16" Pine Tree
8" Pear Tree
8" Pear Tree
6" Pear Tree
8" Pear Tree
6" Pear Tree
18" Native Cedar Tree
8" Pin Oak Tree
6" Pear Tree
16" Elm Tree - Dead
16" Elm Tree - Dead
14" Ash Tree - Dead
14" Elm Tree - Dead
16" Ash Tree - Dead
12" Ash Tree - Dead
16" Ash Tree - Dead
14" Ash Tree - Dead
12" Elm Tree - Dead
```

14" Elm Tree - Dead

```
16" Pine Tree
```

- 12" Pine Tree
- 16" Pine Tree
- 20" Elm Tree Dead
- 5" Pear Tree
- 8" Pear Tree
- 6" Pear Tree
- 6" Pear Tree
- 12" Ash Tree Dead limbs on ground
- 14" Ash Tree Dead limbs on ground
- 12" Ash Tree Dead limbs on ground
- 16" Ash Tree Dead limbs on ground
- 18" Ash Tree Dead limbs on ground
- 14" Ash Tree Dead limbs on ground
- 12" Ash Tree Dead limbs on ground
- 10" Ash Tree Dead limbs on ground
- 20" Elm Tree Dead limbs on ground
- 10" Native Cedar Tree Dead limbs on ground
- 10" Native Cedar Tree Dead limbs on ground
- 12" Native Cedar Tree Dead limbs on ground
- 8" Native Cedar Tree Dead limbs on ground
- 10" Native Cedar Tree Dead limbs on ground
- 12" Native Cedar Tree Dead limbs on ground
- 8" Native Cedar Tree Dead limbs on ground -
- 10" Black Cherry Tree Dead broken up canopy double stem each 10" caliper at V crotch
- 8" Persimmon Tree
- 8" Persimmon Tree
- 6" Yellow Poplar Tree Dead
- 5" Persimmon Tree Dead
- 8" Yellow Poplar Tree
- 6" Persimmon Tree Dead
- 6" Persimmon Tree
- 20" Ash Tree Dead
- 10" White Pine Tree

```
8" White Pine Tree
8" White Pine Tree
22" Ash Tree - Dead
8" White Pine Tree
10" White Pine Tree
8" White Pine Tree
20" Ash Tree - Broken up Canopy - Dead
20" Ash Tree – Broken up canopy – Dead
18" Elm Tree - Broken up canopy - Dead
16" Ash Tree - Broken up Canopy - Dead
18" Ash Tree - Broken up Canopy - Dead
16" Elm Tree - Broken up Canopy - Dead
20" Elm Tree - Broken up Canopy - Dead
16" Ash Tree - Broken up Canopy - Dead
12" Native Cedar Tree - Dead
10" Native Cedar Tree
10" Native Cedar Tree - Dead
12" Native Cedar Tree
8" Native Cedar Tree
10" Black Cherry Tree - V Crotch - each stem making 10" caliper
20" Elm Tree – Canopy broken up – Dead
16" Ash Tree - Dead
18" Ash Tree - Dead
16" Ash Tree - Dead
16" Ash Tree - Dead
12" Ash Tree - Dead
12" Black Cherry Tree 50% Dead and broken up
16" Ash Tree - Dead
18" Elm Tree - Dead
14" Elm Tree - Dead
14" Ash Tree - Dead
16" Ash Tree - Dead
12" Ash Tree - Dead
15" three (3) stem Black Cherry Tree- each stem making 15" caliper – all are dead
and broken up
```

```
16" Ash Tree - Dead - lying on ground
18" Ash Tree - Dead - lying on ground
8" Pear Tree
6" Pear Tree
6" Pear Tree
12" Native Cedar Tree
8" Pear Tree -Dead
6" Pear Tree
8" Pear Tree
14" Ash Tree - Dead
8" Poplar Tree
8" Poplar Tree
6" Poplar Tree
5" Pear Tree - Dead
8" Pear Tree
8" Persimmon Tree
6" Ash Tree – Dead – pushed over with ease
8" Pear Tree
10" Persimmon Tree - Dead
16" Ash Tree - Dead
6" Pear Tree
6" Pear Tree
12" Pine Tree
16" Pine Tree
6" Pear Tree
6" Pear Tree
18" Elm Tree - Dead
8" Pear Tree
4" Pear Tree
4" Pear Tree
6" Pear Tree
14" Ash Tree - Dead
10" Ash Tree - Dead
20" Elm Tree - Dead
```

22" Northern Red Oak Tree

```
Six (6) 8" Pear Trees - dead/declining - take down
8" Pin Oak Tree
18" Northern Red Oak Tree
5" Persimmon Tree - Dead
6" Persimmon Tree - Dead
8" Persimmon Tree - Dead
22" Northern Red Oak Tree
6" Persimmon Tree
18" Northern Red Oak Tree
18" Northern Red Oak Tree
10" Pin Oak Tree
10" Poplar Tree
16" Elm Tree - Dead
14" Ash Tree - Dead
18" Pin Oak Tree
12" Black Cherry Tree - Dead - Canopy broken off
Two (2) 16" Ash Tree grown together - Dead
12" Ash Tree - Dead
12" Ash Tree - Dead
16" Ash Tree - Dead
34" Ash Tree – clump – multi stem – large base – canopy broken up. Existing top
leaders making 12" caliper - Dead
18" Elm Tree - Dead
16" Ash Tree - Dead
16" Black Cherry Tree – canopy broken up – Dead
16" Pine Tree
20" Ash Tree - Dead
16" Northern Red Oak Tree
8" Red Maple Tree
6" Pear Tree
8" Red Maple Tree
6" Pear Tree
4" Pear Tree
22" Ash Tree – clump multi-stem V Crotch – Dead
6" Red Maple Tree
```

```
6" Pear Tree
20" Elm Tree - Dead
16" Elm Tree - Dead
Nine (9) 12"-20" –dead trees lying on ground – cannot identify – they have no
bark and have been down for some time
14" Norther Red Oak Tree
12" Red Maple Tree
14" Ash Tree - Dead
Four (4) 20" Ash Tree -bad V Crotch leaders - broken up - Dead
8" Pear Tree
8" Pear Tree
5" Pear Tree
6" Pear Tree
20" Mulberry Tree
14" Northern Red Oak Tree
6" Pear Tree - Dead
6" Pear Tree - Dead
8" Pear Tree - Dead
12" Mulberry Tree
14" Ash Tree - Dead
12" Elm Tree - Dead
10" Ash Tree - Dead
Five (5) 6" Pear Trees in a grouping
18" Ash Tree - Dead
12" Pine Tree
16" Ash Tree - Dead
Three (3) 8" Pear Trees in a grouping
16" Flm Tree - Dead
18" Ash Tree - Dead
18" Ash Tree - Dead
14" Ash Tree - Dead
Five (5) 8" Pear Trees in a grouping
14" Elm Tree - Dead
12" Elm Tree - Dead
```

14" Catalpa Tree

12" Native Locust Tree

10" Pear Tree

Five (5) 6" Pear Trees in a grouping s trees

8" Mulberry Tree

Ten (10) 12" mixed variety of trees laying on ground – cannot identify – ten (10) trees total

## Summary

This report encompasses 800 trees. There are 482 trees that were found to be dead that have been removed and 266 live trees that require no action. Remaining are 52 trees that have been newly identified as dead that need to be removed.

#### KEY:

Live Tree – no removal

Dead Tree – removed

Recently Identified Dead - remove

Recently Dead / Decline – since January 2019 report – remove dead

Highlighted – further action may be needed

This information if being provided for the decimation of the Ash and Elm Trees.

- 1. Dutch Elm Disease pathogen Ophiostoma and Ophiostoma Novo Ulmi Host: Elm trees. This disease effects most species of Elm. The most susceptible Elm is the Native American Elm Trees. All Elms in this survey are the Native Elm Trees. Symptoms and Signs: This disease is a vascular wilt disease. These highly susceptible trees normally die within the first year of infection. Some linger for up to three (3) years assuming they were strong and healthy at initial infection. This is a vascular disease which interrupts the Xylem layer of the tree turning the tree branches to a light brown color. The parasites grow and multiply quickly and destroy the vascular system. The vascular system or Xylem layer exists just under the bark ad disrupt the trees ability to transport moisture and nutrients up into the crown and canopy. Elm Tree Beetles are the vector which move from tree to tree rapidly effecting otherwise healthy trees. These Beetles are commonly referred to as the Dutch Elm Bark Beetle. These Beetles were imported to North America via plants coming into the U.S. back in the 1920's. The Beetles deposit their eggs into the translocation system and further contribute to the rapid death of the trees. They shut down and clog the water/nutrient water conducting xylem cells. The result is complete death of natural untreated Elm Trees. A common symptom to identify Dutch Elm Disease is a green to grey discoloration easily observed on the outside of the tree bark.
- Emerald Ash Borer which has killed off the Native Ash Trees
   This Ash Borer was introduced from Asia and attacks and destroys Ash Trees. This insect was originally found in Michigan in 2002. The Borer quickly spread across the U.S. and Canada. It is estimated to have infected 10's of millions of Ash Trees.

The Emerald Bark Beetle causes similar damage as the Dutch Elm Beetle. The Borers start to cause damage on the new growth with softer tissue in the spring. Signs of damage are S shaped tunnels from the insect larva eating the Xylem tissue under the bark. The entry port has a D shaped hole which is very difficult to observe without a hand held magnifier. During this survey, I used this to observe this symptom. The tree dies from the top down to the trunk. The beetles are a light green and approximately 1/" long on the tree in June and July. They bore a D shaped hole approximately 1/8" and deposit larva just below the bark layers. The beetles disrupt the flow of water and nutrients just as the Elm Bark Beetle. The result is total death.

Both the Elm and Ash Trees were wiped out due to the information provided and this occurs in most natural untreated areas.

### Form **W-9**

(Rev. December 2014)
Department of the Treasury
Internal Revenue Service

# Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

	1 Name (se shown on your income toy return) Name is required as this live desertion that I'm I I			_	_	_						_
	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.											
	SPCMD II, LLC											
ge 2.	2 Business name/disregarded entity name, if different from above											
Print or type See Specific Instructions on page	Instructions on page 3):    Secondation   Partnership   Instructions on page 3):   Secondation   Partnership   Pa											
Š	Bridgewater, NJ 08807	Bridgew	ater	To	wns	hin						
	7 List account number(s) here (optional)								_			
	\$100 201M 201											
Par	Toyngyor Identification Number (TIN)							_				_
SECTION STATES		The state of the s			15							
Enter	your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avo	oid S	ocial	sec	curity	numb	er					
Dacki	up withholding. For individuals, this is generally your social security number (SSN). However, for	or a									T	
reside	ent alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other	.			-			-				
TIM	es, it is your employer identification number (EIN). If you do not have a number, see <i>How to get</i> n page 3.									_		_
		OI									_	
Note.	. If the account is in more than one name, see the instructions for line 1 and the chart on page	4 for	mplo	yer	identi	ficati	on nu	mbe	er			
guide	lines on whose number to enter.							$\Box$	_	_		
		4	•   1	-	- 5	6	2	0	7	3	0	
Par	t II Certification			_								_
HER PARTY												

Under penalties of perjury, I certify that:

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here

Signature of U.S. person ▶



Digitally signed by Bryan Iwicki
DN: cn=Bryan Iwicki, o=Somerset Patriots,
ou=Somerset Patriots,
email=Divisions
DN: 0.00 on the strong country of the str

Date ▶

12/29/20

#### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

#### **Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (TIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- 1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- 2. Certify that you are not subject to backup withholding, or
- 3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- 4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See What is FATCA reporting? on page 2 for further information.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form If it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An Individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- · An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Allens and Foreign Entitles).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

- 1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
- 2. The treaty article addressing the income.
- 3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions,
- 4. The type and amount of income that qualifies for the exemption from tax.
- Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident allen for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident allen of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

#### **Backup Withholding**

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royaltles, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TtN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

#### Payments you receive will be subject to backup withholding if:

- 1. You do not furnish your TIN to the requester,
- 2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),

- 3. The IRS tells the requester that you furnished an incorrect TIN.
- 4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
- 5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See Exempt payee code on page 3 and the separate instructions for the Requester of Form W-9 for more information.

Also see Special rules for partnerships above.

#### What is FATCA reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See Exemption from FATCA reporting code on page 3 and the Instructions for the Requester of Form W-9 for more information.

#### **Updating Your Information**

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

#### **Penalties**

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that resuits in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

#### **Specific Instructions**

#### Line 1

You must enter one of the following on this line; do not leave this line blank. The name should match the name on your tax return,

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9.

a. Individual. Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note. ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

- b. Sole proprietor or single-member LLC. Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.
- c. Partnership, LLC that is not a single-member LLC, C Corporation, or S Corporation. Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.
- d. Other entities. Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.
- e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1 the name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

#### Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

#### Line 3

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

Limited Liability Company (LLC). If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2563 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

#### Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

#### Exempt payee code

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys'
  fees or gross proceeds paid to attorneys, and corporations that provide medical or
  health care services are not exempt with respect to payments reportable on Form
  1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in the 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2-The United States or any of its agencies or instrumentalities
- 3-A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- $4-\!\mbox{A}$  foreign government or any of its political subdivisions, agencies, or instrumentalities
  - 5-A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- $7\mathrm{--}\mathrm{A}$  futures commission merchant registered with the Commodity Futures Trading Commission
  - 8-A real estate investment trust
- 9--An entity registered at all times during the tax year under the investment Company Act of 1940
  - 10-A common trust fund operated by a bank under section 584(a)
  - 11—A financial institution
- $12\!-\!A$  middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for	THEN the payment is exempt for				
Interest and dividend payments	All exempt payees except for 7				
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations, S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.				
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4				
Payments over \$600 required to be reported and direct sales over \$5,000 <sup>1</sup>	Generally, exempt payees 1 through 5 <sup>2</sup>				
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4				

<sup>&</sup>lt;sup>1</sup> See Form 1099-MISC, Miscellaneous Income, and its instructions.

<sup>2</sup> However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds pald to an attorney reportable under section 6045(f), and payments for services pald by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial Institutions. Therefore, If you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
  - B--The United States or any of its agencies or instrumentalities
- C-A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)
- E—A corporation that is a member of the same expanded affillated group as a corporation described in Regulations section 1.1472-1(c)(1)(l)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
  - G-A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the investment Company Act of 1940
  - I-A common trust fund as defined in section 584(a)
  - J-A bank as defined in section 581
  - K-A broker
  - L-A trust exempt from tax under section 664 or described in section 4947(a)(1)
  - M-A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note. You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

#### Line S

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

#### Line 6

Enter your city, state, and ZIP code.

#### Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident allen and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one Immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

#### Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident allen, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see Exempt payee code earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

- 1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.
- 2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.
- **3. Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.
- 4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).
- 5. Mortgage Interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

#### What Name and Number To Give the Requester

· · · · · · · · · · · · · · · · · · ·	
For this type of account:	Give name and SSN of:
Individual     Two or more individuals (joint account)	The Individual The actual owner of the account or, If combined funds, the first Individual on the account'
<ol><li>Gustodian account of a minor (Uniform Gift to Minors Act)</li></ol>	The minor <sup>2</sup>
a. The usual revocable savings trust (grantor is also trustee)     b. So-called trust account that is not a legal or valid trust under	The grantor-trustee' The actual owner'
state law 5. Sole proprietorship or disregarded entity owned by an individual	The owner <sup>3</sup>
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i) (A))	The grantor*
For this type of account:	Give пате and EIN of:
Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity*
Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
Association, club, religious, charitable, educational, or other tax- exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)	The trust

List first and circle the name of the person whose number you fumish. If only one person on a joint account has an SSN, that person's number must be furnished.

- <sup>3</sup> You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EiN (if you have one), but the IRS encourages you to use your SSN.
- List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see Special rules for partnerships on page 2.
- \*Note. Grantor also must provide a Form W-9 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

#### Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- · Protect your SSN,
- · Ensure your employer is protecting your SSN, and
- · Be careful when choosing a tax preparer,

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

if your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

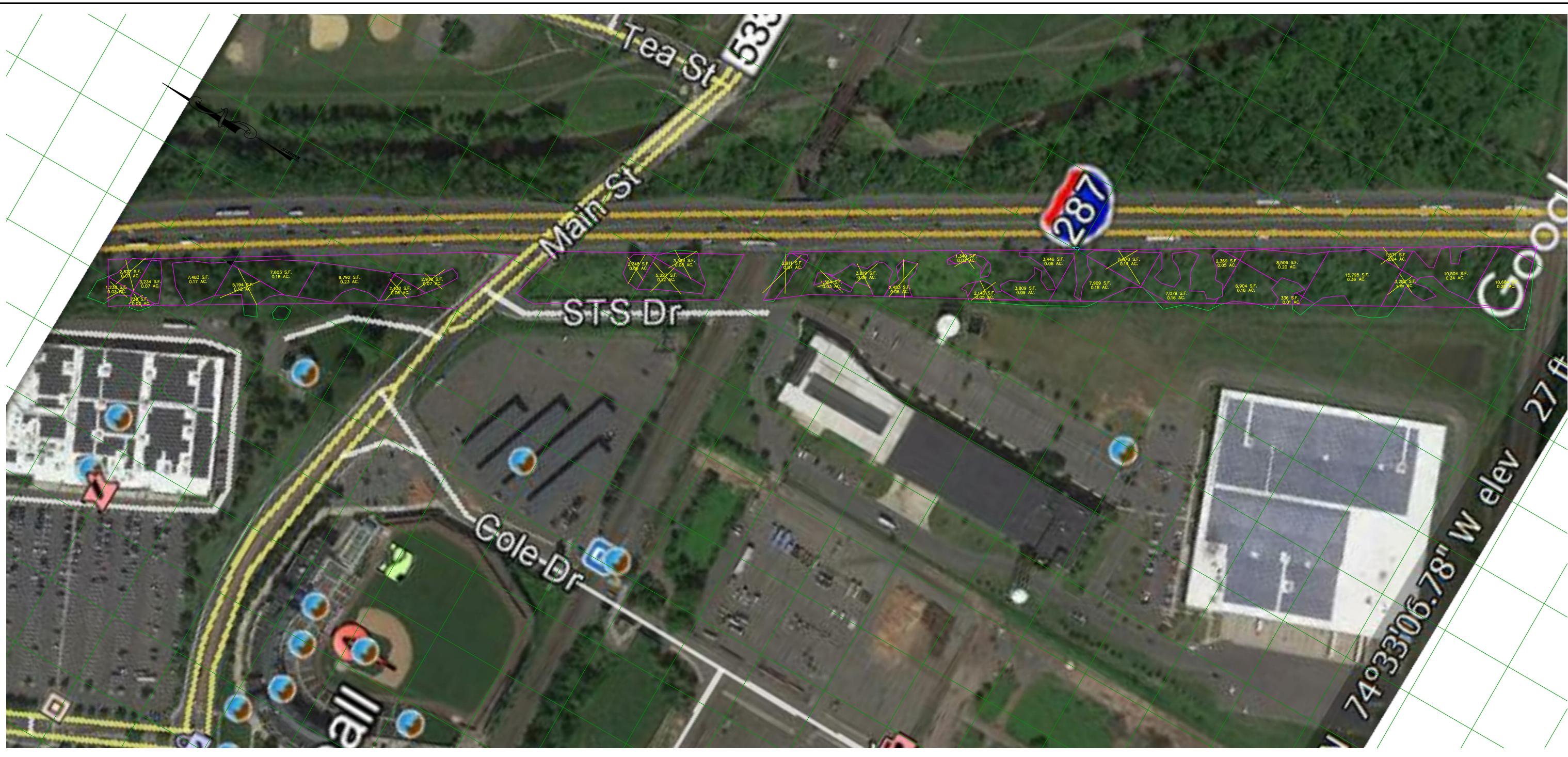
If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@lfs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: spam@uce.gov or contact them at www.ftc.gov/idtheft or 1-877-IDTHEFT (1-877-438-4338).

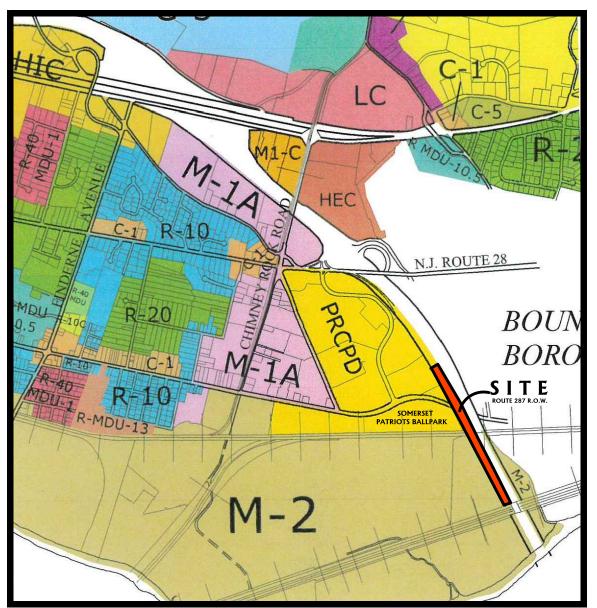
Visit IRS.gov to learn more about identity theft and how to reduce your risk.

#### **Privacy Act Notice**

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file Information returns with the IRS to report Interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The Information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payes who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

<sup>&</sup>lt;sup>2</sup> Circle the minor's name and furnish the minor's SSN.



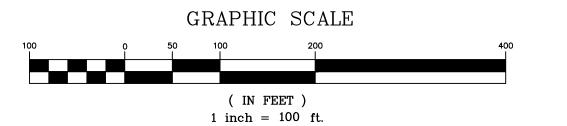


PLAN NOTATION PLAN NOTATION

ONLY THOSE PLANS WHICH CONTAIN AN IMPRESSED SEAL OR A RED INK SEAL OF THE RESPONSIBLE PROFESSIONAL SHALL BE CONSIDERED VALID. THIS PLAN HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER DESIGNATED HEREON. ANY MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE WRITTEN CONSENT OF VAN CLEEF ENGINEERING ASSOCIATES IS PROHIBITED. RELIANCE ON THIS PLAN FOR ANY PURPOSE OTHER THAN THAT WHICH IS INTENDED SHALL BE AT THE SOLE DISCRETION AND LIABILITY OF THE APPLICABLE PARTY.

# No Net Tree Loss Grid Calculations:

EACH GRID SQUARE IS 21,789 S.F. OR 0.50 ACRE 33% OF EACH GRID IS 7,190 S.F. OR 0.17 ACRES ANY GRID WITH LESS THAN 0.17 ACRES OF WOODS IS NOT COUNTED. (X'S ON THOSE GRIDS) ANY GRID WITH 0.17 ACRE OR MORE OF WOODS IS COUNTED NNL GRID IS OVERLAID ON 2018 AERIAL PHOTO IN STATE PLANE COORDINATE SYSTEM. EACH GRID IS QUANTIFIED ABOVE FOR WOODLAND ACREAGE TOTAL 2.35 ACRES OF GRID WOODS COUNTS FOR NNL REFORESTATION (OF TOTAL 3.99 ACRES OF WOODS) 2.35 ACRES X 204 TREES PER ACRE = 479.4 TREES OR 479 TREES



# PLANNING BOARD SIGNATURE BLOCKS:

Planning Board Chair: Alan Fross

Planning Board Secretary: Scarlett Doyle, PP

Planning Board Engineer: William Burr, PE

			DATE: AUGUST 15, 2018
			SCALE: 1" = 100'
			DESIGNED BY: KAK
REVISE PER COMPLETENESS REVIEW	KAK	02-05-21	DRAWN BY: KAK
REVISE FOR 2018 AERIAL PHOTOGRAPHY	KAK	10-16-19	CHECKED BY: SDC
REVISIONS	AUTH.	DATE	JOB NO. <b>17-05-B</b>

501 NORTH MAIN STREET, DOYLESTOWN, PA 18901 EMAIL: VCEPA@VCEA.ORG WEB: WWW.VCEA.ORG PHONE (215) 345-1876 FAX (215) 345-1730

OFFICES THROUGHOUT NJ, EASTERN PA AND DE

Consulting Civil Engineering Environmental Engineering Municipal Engineering Land Survey Dispries

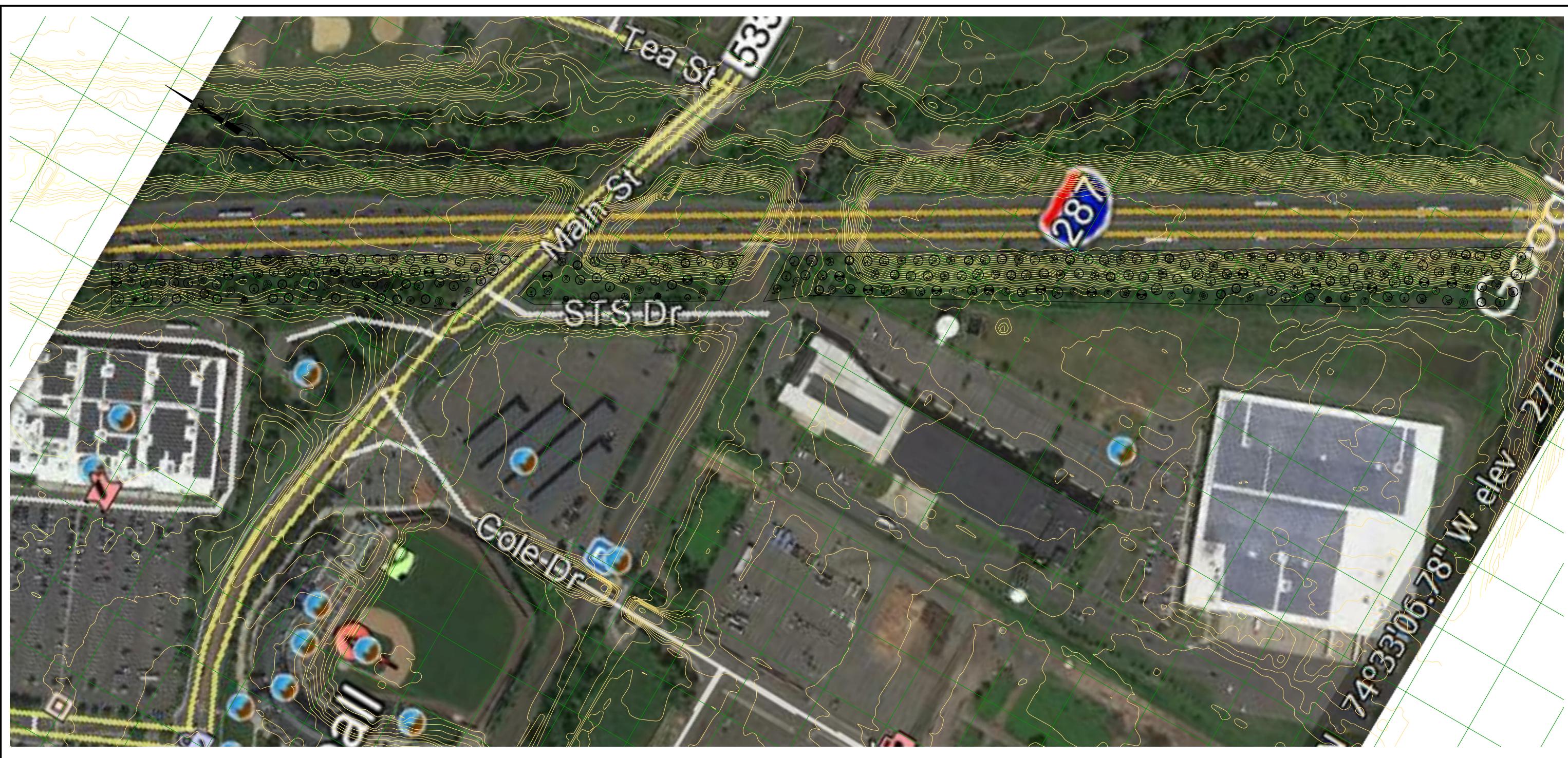


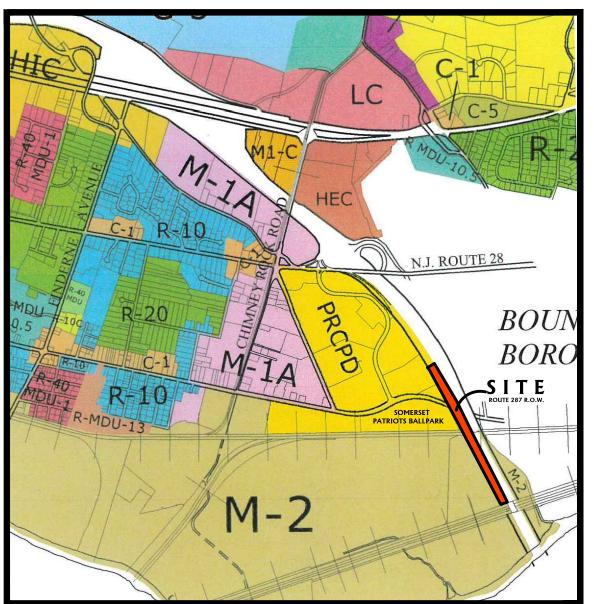
NO NET TREE LOSS GRID ANALYSIS FOR REFORESTATION

PATRIOT'S BALLPARK-ROUTE 287 R.O.W.

BRIDGEWATER TOWNSHIP SOMERSET COUNTY, NEW JERSEY







# PLAN NOTATION ONLY THOSE PLANS WHICH CONTAIN AN IMPRESSED SEAL OR A RED INK SEAL OF THE RESPONSIBLE PROFESSIONAL SHALL BE CONSIDERED VALID. THIS PLAN HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER DESIGNATED HEREON. ANY MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE WRITTEN CONSENT OF VAN CLEEF ENGINEERING ASSOCIATES IS PROHIBITED. RELIANCE ON THIS PLAN FOR ANY PURPOSE OTHER THAN THAT WHICH IS INTENDED SHALL BE AT THE SOLE DISCRETION AND LIABILITY OF THE APPLICABLE PARTY.

## LANDSCAPE SCHEDULE: TREE REPLACEMENT SCHEDULE

SYMBOL	SYMBOL QTY BOTANICAL NAME		COMMON NAME	MINIMUM SIZE	REMARKS		
CANOPY	TREES						
<b>(</b>		AB	18	Acer Buergeranum	Trident Maple	2"- 2 ½" CAL. 8'-10" HT.	B&B
	$Q_{\mathfrak{S}}$	AC	18	Acer campestre	Hedge Maple	2"- 2 ½" CAL. 8'-10" HT.	B&B
		BN	18	Betula nigra	Clump River Birch	2"- 2 ½" CAL. 8'-10' HT.	B&B
	(g <sup>+</sup> )	CG	18	Cretaegus crus—galli	Thornless Cockspur Hawthorn	2"– 2 ½" CAL. 8'–10' HT.	B&B
	<b>®</b>	HC	18	Halesia carolina 'Jersey Belle'	Jersey Belle Silverbell	2"– 2 ½" CAL. 8'–10' HT.	B&B
<del> </del>	nc	HT	18	Halesia tetraptera 'Carolina'	Carolina Silverbell	2"- 2 ½" CAL. 8'-10" HT.	B&B
нт	(a)	PC	18	Prunus cerasifera 'Newport'	Newport Purpleleaf Plum	2"- 2 ½" CAL. 8'-10" HT.	B&B
٩		PS	18	Prunus sargenti 'Accolade'	Accolade Flowering Cherry	2"- 2 ½" CAL. 8'-10" HT.	B&B
$\bigcirc$		SR	18	Syringa reticulata japonica 'Ivory Silk'	Ivory Silk Tree Lilac	2"- 2 ½" CAL. 8'-10' HT.	B&B
APPROVE	D ORN	AMENTAL	TREE	S ON LIST			
<b>%</b>		AC	18	Amelanchier canadensis	Shadblow Serviceberry	8'-10' HT.	B&B
		CeC	18	Cercis canadensis	Eastern Redbud	8'-10' HT.	B&B
(cF)		CF	18	Cornus florida	Flowering Dogwood	7'-8' HT.	B&B
		CoK	18	Cornus kousa	Kousa Dogwood	7'-8' HT.	B&B
		СМ	18	Cornus mas	Cornelian Cherry Dogwood	7'-8' HT.	B&B
EVERGRE	EN TR	EES					
	ACW.	ACW	2	Abies concolor	White Fir	7'-8' HT.	B&B
<b>.</b>	ACW	10	2	llex opaca	American Holly	6'-7' HT.	B&B
	Q	PA	2	Picea abies	Norway Spruce	7'-8' HT.	B&B
		РМ	2	Pseudotsuga menzeizii	Douglas Fir	7'-8' HT.	B&B
PM	ℯⅅ	PP	3	Picea pungens	Colorado Spruce	7'-8' HT.	B&B
<b>,@</b>		TD	3	Taxodium distichum	Bald Cypress	8'-10' HT.	B&B

# No Net Tree Loss Grid Calculations:

EACH GRID SQUARE IS 21,789 S.F. OR 0.50 ACRE 33% OF EACH GRID IS 7,190 S.F. OR 0.17 ACRES ANY GRID WITH LESS THAN 0.17 ACRES OF WOODS IS NOT COUNTED. (X'S ON THOSE GRIDS)
ANY GRID WITH 0.17 ACRE OR MORE OF WOODS IS COUNTED
NNL GRID IS OVERLAID ON 2018 AERIAL PHOTO IN
STATE PLANE COORDINATE SYSTEM. EACH GRID IS QUANTIFIED ABOVE FOR WOODLAND ACREAGE TOTAL 2.35 ACRES OF GRID WOODS COUNTS FOR NNL REFORESTATION (OF TOTAL 3.99 ACRES OF WOODS)
2.35 ACRES X 204 TREES PER ACRE = 479.4 TREES OR 479 TREES

# Arborist Report dated 10/1/2019:

DEPICTS 56 DEAD TREES NEWLY IDENTIFIED FOR REMOVAL EXISTING PERMIT ALLOWS FOR THE REMOVAL OF THE DEAD TREES REPORT DEPICTS 266 LIVE TREES REMAINING ON THE SITE THESE 266 TREES REMAINING WILL BE REPLACED WITH SMALL TREES THAT WON'T BLOCK VIEWS INTO BALLPARK TREEES TO BE REPLACED WITH SPECIMENS CHOSEN FROM "TREES FOR NEW JERSEY STREETS, FIFTH REVISION 2007" SEE TREE REPLACEMENT PLAN ABOVE & TREE REPLACEMENT SCHEDULE, THIS SHEET.

# PLANNING BOARD SIGNATURE BLOCKS:

Planning Board Chair: Alan Fross

Planning Board Secretary: Scarlett Doyle, PP

Planning Board Engineer: William Burr, PE

			DATE: AUGUST 15, 2018
			SCALE: 1" = 100'
REVISE PER COMPLETENESS REVIEW	KAK	02-05-21	DESIGNED BY: KAK
REVISE FOR ARBORIST'S REVISED REPORT	KAK	03-16-20	DRAWN BY: KAK
REVISE FOR 2018 AERIAL PHOTOGRAPHY	KAK	10-16-19	CHECKED BY: SDC
REVISIONS	AUTH.	DATE	JOB NO. <b>17-05-B</b>

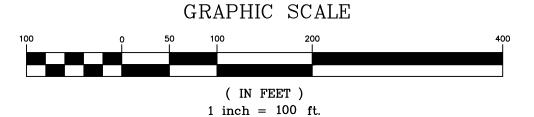
Consulting Civil Engineering Environmental Engineering Municipal Engineering Land Survey Dispries

501 NORTH MAIN STREET, DOYLESTOWN, PA 18901 EMAIL: VCEPA@VCEA.ORG WEB: WWW.VCEA.ORG PHONE (215) 345-1876 FAX (215) 345-1730 OFFICES THROUGHOUT NJ, EASTERN PA AND DE

REFORESTATION PLAN

PATRIOT'S BALLPARK-ROUTE 287 R.O.W.

BRIDGEWATER TOWNSHIP SOMERSET COUNTY, NEW JERSEY



KEVIN A. KESTER, NJ. LLA. No. LA-000540

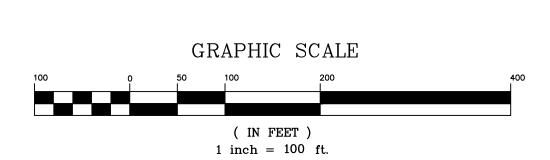


# PLANNING BOARD SIGNATURE BLOCKS:

Planning Board Chair: Alan Fross

Planning Board Secretary: Scarlett Doyle, PP

Planning Board Engineer: William Burr, PE



			DATE: AUC	GUST 15, 2018	
REVISE PER COMPLETENESS REVIEW	KAK	02-05-21	SCALE:	1" = 100'	
REVISE FOR EROSION CONTROL PLAN	KAK	10-26-20	DESIGNED BY	: KAK	
REVISE FOR ARBORIST'S REVISED REPORT	KAK	03-16-20	DRAWN BY:	KAK	
REVISE FOR 2018 AERIAL PHOTOGRAPHY	KAK	10-16-19	CHECKED BY:	SDC	
REVISIONS	AUTH.	DATE	JOB NO.	17-05-B	OFFICES THROUGHOUT NJ, EASTERN PA AND DE

501 NORTH MAIN STREET, DOYLESTOWN, PA 18901 EMAIL: VCEPA@VCEA.ORG WEB: WWW.VCEA.ORG PHONE (215) 345-1876 FAX (215) 345-1730

Consulting Civil Engineering Environmental Engineering Municipal Engineering Land Surveying Professional Planning Landscape Architecture

KEVIN A. KESTER, NJ. LLA. No. LA-000540

SOIL EROSION and SEDIMENT CONTROL PLAN

PATRIOT'S BALLPARK-ROUTE 287 R.O.W.

PLAN NOTATION ONLY THOSE PLANS WHICH CONTAIN AN IMPRESSED SEAL OR A RED INK SEAL OF THE RESPONSIBLE PROFESSIONAL SHALL BE CONSIDERED VALID. THIS PLAN HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER DESIGNATED HEREON. ANY MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE WRITTEN CONSENT OF VAN CLEEF ENGINEERING ASSOCIATES IS PROHIBITED. RELIANCE ON THIS PLAN FOR ANY PURPOSE OTHER THAN THAT WHICH IS INTENDED SHALL BE AT THE SOLE DISCRETION AND LIABILITY OF THE APPLICABLE PARTY.

BRIDGEWATER TOWNSHIP SOMERSET COUNTY, NEW JERSEY

### GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL PLANS

- 1 ALL SOIL FROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL
- DISTURBANCES, OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. 2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF
- 3. PERMANENT VEGETATION SHALL BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH WILL BE USED FOR PROTECTION UNTIL SEEDING IS ESTABLISHED
- 4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NJ STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.

TWO (2) TONS PER ACRE, ACCORDING TO NJ STATE STANDARDS

- 5. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO
- UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 15 DAYS OR PRELIMINARY GRADING. 6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING ALL CRITICAL AREAS SUBJECT TO EROSION (I.E.: STEEP SLOPES, ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULICH OR A SUITABLE EQUIVALENT, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO THE NJ STATE STANDARDS.
- 7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E.: SLOPES GREATER THAT 3:1)
- 8. TRAFFIC CONTROL STANDARDS REQUIRE THE INSTALLATION OF A 50'X30'X6'PAD OF 1 1/2" OR 2" STONE, AT ALL CONSTRUCTION DRIVEWAYS, IMMEDIATELY AFTER INITIAL SITE DISTURBANCE.
- 9. THE SOMERSET-UNION SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING 48 HOURS IN ADVANCE OF ANY
- 10. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL
- 11. IN THAT NJSA 4:24-39 ET SEQ., REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES, ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS, WILL HAVE TO BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.
- 12. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
- 13. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RE-CERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT NJ STATE SOIL EROSION & SEDIMENT CONTROL STANDARDS.
- 14. THE SOMERSET-UNION SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED OF ANY CHANGES IN OWNERSHIP.
- 15. MULCHING TO THE NJ STANDARDS IS REQUIRED FOR OBTAINING A CONDITIONAL REPORT OF COMPLIANCE. CONDITIONALS ARE ONLY ISSUED WHEN THE SEASON PROHIBITS SEEDING.
- 16. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ADJACENT ROADS CLEAN DURING LIFE OF CONSTRUCTION PROJECT.
- 17. THE DEVELOPER SHALL BE RESPONSIBLE FOR REMEDIATING ANY EROSION OR SEDIMENT PROBLEMS THAT ARISE AS A RESULT OF ONGOING CONSTRUCTION AT THE REQUEST OF THE SOMERSET-UNION SOIL CONSERVATION DISTRICT.
- 18. HYDRO SEEDING IS A TWO- STEP PROCESS. THE FIRST STEP INCLUDES SEED, FERTILIZER, LIME, ETC., ALONG WITH MINIMAL AMOUNTS OF MULCH TO PROMOTE CONSISTENCY, GOOD SEED TO SOIL CONTACT, AND GIVE A VISUAL INDICATION OF COVERAGE. UPON COMPLETION OF SEEDING OPERATION, HYDRO-MULCH SHOULD BE APPLIED AT A RATE OF 1500 LBS. PER ACRE IN SECOND STEP. THE USE OF HYDRO-MULCH, AS OPPOSED TO STRAW, IS LIMITED TO OPTIMUM SEEDING DATES AS LISTED IN THE NJ STANDARDS.

### AGRONOMIC RECOMMENDATIONS

SEED, FERTILIZE, LIME AND TOPSOIL (IF REQUIRED) ALL SCALPED AREAS IMMEDIATELY AFTER FINISHED GRADING IS COMPLETED. LIME AND FERTILIZE RECOMMENDATIONS ARE AS FOLLOWS OR ACCORDING TO RESULTS OF SOIL

- A. FERTILIZER TO BE APPLIED AT THE RATE OF 500 LBS. PER ACRE, 10-20-10.
- B. TEMPORARY SEEDING:
- LIME: 2 TONS PER ACRE GROUND AREA
- FERTILIZER: 500 LBS. PER ACRE 10-20-10 SEED: USE THE FOLLOWING SEED MIXTURE(S) AND RATES BASED ON TIME OF YEAR:
  - EARLY SPRING/LATE SUMMER TO EARLY FALL 100 % PERENNIAL RYEGRASS
  - RATE = 100 LBS/ACRE
  - 100 % CEREAL RYE RATE = 112 LBS/ACRE
  - 40 % PEARL MILLET 40 % MILLET (GERMAN OR HUNGARIAN)
  - 20 % WEEPING LOVEGRASS
- C. PERMANENT SEEDING: (TO BE APPLIED DURING PERIODS OF 3/01 11/15, TEMPORARY SEEDING TO BE APPLIED ALL OTHER TIMES OF THE YEAR)

LIME: 2 TONS PER ACRE GROUND AREA FERTILIZER: 500 LBS. PER ACRE 10-20-10

SHORTGRASS MEADOW MIX: ERNMX-122

	DICTORAGO WILADOW I	
OF	R SEEDING BENEATH	NEWLY PLANTED REFORESTATION
1%	Carex vulpinoidea	Fox Sedge
	Elymus virginicus	Virginia Wildrye
	Carex Iurida	Lurid (Shallow) Sedge
%	Scirpus atrovirens	Green Bulrush
	Verbena hastata	Blue Vervain
	Cinna arundinacea	Wood Reedgrass
%	Juncus effusus	Soft Rush
%	Carex scoparia	Blunt Broom Grass
%	Carex Iupulina	Hop Sedge
%	Onoclea sensibilis	Sensitive Fern
%	Heliopsis helianthoides	Oxeye Sunflower
%	Glyceria canadensis	Rattlesnake Grass
%	Scirpus cyperinus	Woolgrass
	Asclepias incarnata	Swamp Milkweed
	Aster novae-angliae	New England Aster
	Aster umbellatus	Flat Topped White Aster
.5%	Eupatorium fistulosum	Joe Pye Weed

- 0.5% Eupatorium perfoliatum 0.5% Penthorum sedoides Ditch Stonecrop 0.5% Sisyrinchium angustifolium 0.5% Lobelia siphilitica 0.5% Alisma subcordatum Mud Plantain
- Narrowleaf Blue Eyed Grass Great Blue Lobelia 0.5% Mimulus ringens Square Stemmed Monkey Flower 0.4% Carex intumescens Bladder Sedge 0.1% Pycnanthemum tenuifolium Slender Mountainmint
- SEED AT 20 BULK POUNDS PER ACRE or 1/2 LB. PER 1,000 SQ.FT. Temporary Nurse/Cover Crop Annual Rye @ 15 lbs per acre

SPRAY GLYPHOSATE (RODEO) OR A SIMILAR AQUATIC HERBICIDE FORMULATION TO CONTROL UNDESIRABLE VEGETATION. SOME PERSISTENT SPECIES MAY NEED MULTIPLE APPLICATIONS. BEFORE SEEDING, EXCESS DEAD VEGETATION SHOULD BE BURNED OR TURNED UNDER PROVIDING IT IS NOT TOO WET. NEWLY-CONSTRUCTED WET MEADOWS SHOULD BE SEEDED AS SOON AFTER CONSTRUCTION AS POSSIBLE

GENERAL MAINTENANCE GRASSY WEEDS OR PERSISTENT PERENNIALS CAN RE-ESTABLISH IN THIS TYPE OF SOIL. MONITORING WEEDS AND MOWING IS VERY CRITICAL IN THE FIRST AND SECOND YEARS.

### MINIMUM STABILIZATION REQUIREMENTS

A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND ANCHORING AND MAINTENANCE. ALL GRADING SHOULD BE DONE IN

ACCORDANCE WITH STANDARDS FOR LAND GRADING.

B. INSTALL NEEDED EROSION CONTROL PRACTICES AND FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS AND WATERWAYS.

#### II. <u>SEEDBED PREPARATION</u>

I. SITE PREPARATION

A. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITE OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR FOULVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE. APPLY LIMESTONE AS FOLLOWS:

#### SOIL TEXTURE TONS/ACRE LBS./1,000 SQ. FT. CLAY, CLAY LOAM AND HIGH ORGANIC SOIL

- SANDY LOAM, LOAM, SILT LOAM 2 LOAMY SAND, SAND
- PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.
- B. WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC. SPRINGTOOTH HARROW OR OTHER SUITABLE FOUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM. FINE SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEEDBED WHEREVER FEASIBLE
- C. REMOVE FROM THE SURFACE ALL STONES 2 INCHES OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS OR OTHER UNSUITABLE
- D. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.
- SOILS HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5 OR MORE BEFORE SEEDBED PREPARATION. THE ADDED SOIL SHALL BE LIMED AS ABOVE.

- A. SEE AGRONOMIC RECOMMENDATIONS OR USE MIXTURE RECOMMENDED BY THE COOPERATIVE EXTENSION SERVICE OR SOIL CONSERVATION SERVICE WHICH IS APPROVED BY THE SOIL CONSERVATION DISTRICT.
- B. APPLY SEED UNIFORMLY BY HAND, CYCLONE (CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER. THE LATTER MAY BE JUSTIFIABLE FOR LARGE, STEEP AREAS WHERE CONVENTIONAL VEHICLES CANNOT TRAVEL. MULCH SHALL NOT BE INCLUDED IN THE TANK WITH THE SEED. EXCEPT FOR DRILLED, HYDROSEEDED OR CULTIPACKED SEEDINGS, SEED SHALL BE INCORPORATED INTO THE SOIL, TO A DEPTH OF 1/4 TO 1/2 INCH, BY RAKING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/2 INCH DEEPER ON COARSE TEXTURED SOIL.
- C. AFTER SEEDING, FIRMING THE SOIL WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON SITE WILL BE MAXIMIZED.

- MULCHING IS REQUIRED ON ALL SEEDING. MULCH WILL INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. (THE EXISTENCE OF SATISFACTORY PERMANENT VEGETATION AT THE TIME OF PROJECT OR UNIT COMPLETION SHALL BE DEEMED AS COMPLIANCE WITH THIS MULCHING REQUIREMENT).
- A. MULCH MATERIALS SHOULD BE UNROTTED SMALL GRAINS OF STRAW, HAY FREE OF SEEDS OR SALT HAY TO BE APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRIMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION MUST BE DOUBLE THE LOWER RATE. MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MATERIAL.
- B. SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75 PERCENT TO 95 PERCENT OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION.
- C. MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA. STEEPNESS OF SLOPES AND COSTS.
- 1. PEG AND TWINE DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEE IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.
- MULCH NETTINGS STAPLE PAPER, JUTE, COTTON OR PLASTIC NETTINGS TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.
- CRIMPER (MULCH ANCHORING TOOL) A TRACTOR-DRAWN IMPLEMENT, SOMEWHAT LIKE A DISC-HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH 3 TO 4 INCHES INTO THE SOIL SO AS TO ANCHOR IT AND LEAVE PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS TRAVERSABLE BY A TRACTOR, WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIFYING OR ADHESIVE AGENT IS REQUIRED.
- 4. LIQUID MULCH-BINDERS MAYBE USED TO ANCHOR SALT HAY, HAY OR STRAW MULCHES.
- A. APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH IN VALLEYS AND AT CRESTS OF BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
- B. USE OF THE FOLLOWING: SYNTHETIC OR ORGANIC BINDERS - BINDERS SUCH AS CURASOL, DCA-70, PETRO-SET AND TERRA-TACK MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER TO

- NOTE: ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE PRODUCTS TO THE EXCLUSION OF OTHER PRODUCTS.
- C. WOOD-FIBER OR PAPER-FIBER MULCH AT THE RATE OF 1,500 POUNDS PER ACRE MAY BE APPLIED BY A HYDROSEEDER. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.

### V. <u>IRRIGATION</u> (WHERE FEASIBLE)

IF SOIL MOISTURE IS DEFICIENT AND MULCH IS NOT USED, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER (A MINIMUM OF 1/4 INCH TWICE A DAY UNTIL VEGETATION IS WELL ESTABLISHED). THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE IN ABNORMALLY DRY OR HOT WEATHER OR ON DROUGHTY SITES.

### VI. TOPDRESSING\*

- A. SPRING SEEDINGS WILL REQUIRE AN APPLICATION OF FERTILIZER SUCH AS 10-10-10 OR EQUIVALENT AT 400 POUNDS PER ACRE OR 10 POUNDS PER 1,000 SQUARE FEET BETWEEN SEPTEMBER 1 AND OCTOBER 15.
- B. FALL SEEDINGS WILL REQUIRE THE ABOVE BETWEEN MARCH 15 AND MAY 1.
- C. MIXTURES DOMINATED BY WEEPING LOVEGRASS OR LEGUMES MAY NOT NEED TOPDRESSING.
- D. BERMUDAGRASS SHOULD BE TOPDRESSED BEFORE AUGUST 15. \*IF SLOW RELEASE NITROGEN (300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT) IS USED IN ADDITION TO SUGGESTED FERTILIZER, THIS FOLLOW-UP OF TOPDRESSING IS NOT MANDATORY).

# SEQUENCE OF CONSTRUCTION

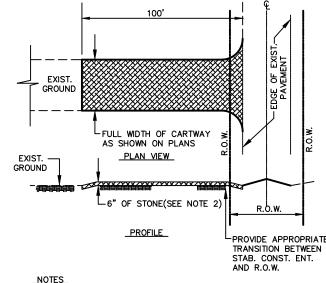
- 1.) INSTALL ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS. (2 DAYS) SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE MAINTAINED THROUGHOUT CONSTRUCTION
- 2.) INSTALL STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON ON THE SOIL EROSION SEDIMENT CONTROL PLAN AND DETAILS. (1 DAY) 3.) CLEAR AND GRUB ALL AREAS IN ACCORDANCE WITH THE LIMITS OF DISTURBANCE AS SHOWN ON THE SOIL EROSION AND SEDIMENT
- 4.) INSTALL ALL TREES AND LANDSCAPING AS SHOWN ON THE PLANS AND SEED AS NOTED WITH SHORTGRASS MEADOW MIX. (1 WEEK) 5.) REMOVE ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES. 1 DAY)
- 6.) MAINTAIN UNDERSTORY SEEDING OF MEADOW GRASS BY MOWING TWO (2) TIMES PER YEAR TO ELIMINATE INVASIVE PLANTS FROM TAKING OVER THE ROUTE 287 RIGHT OF WAY WHEN THE REFORESTATION IS COMPLETE. MOW TO 6" WITH EACH CUT TO ALSO KEEP WEEDS TO A MINIMUM. WATER DAILY FOR 2 WEEKS AFTER INSTALLATION FOR EACH DAY THAT IT DOES NOT RAIN.

SNOW FENCE IS TO BE PLACED AT DRIP LINE OF TREES NOTED ON THE PLANS TO BE PROTECTED AND AT THE LIMIT OF CLEARING DEPICTED ON THE PLANS. THE LIMIT OF CLEARING SHALL BE MODIFIED AS NECESSARY IN THE FIELD TO PRESERVE TREES TO THE EXTENT

FENCING TO BE INSTALLED PRIOR TO THE START OF ANY DISTURBANCE AND MAINTAINED IN PLACE UNTIL ALL CONSTRUCTION IS COMPLETE.

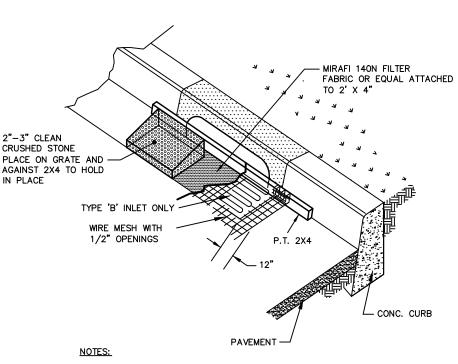
SNOW FENCE TREE PRESERVATION DETAIL

NOT TO SCALE



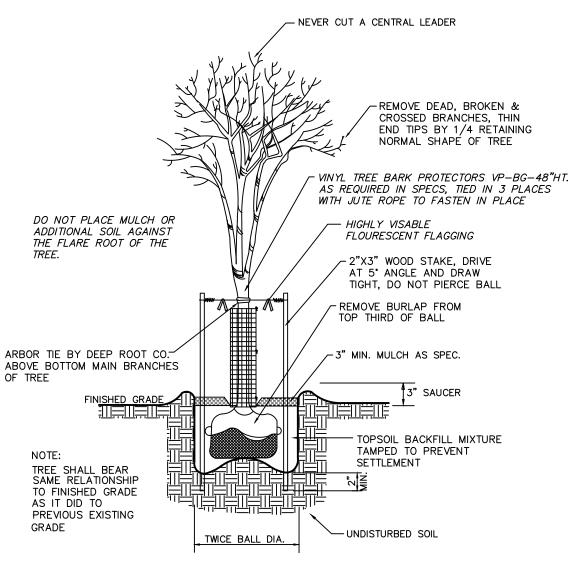
- 1. PLACE STABILIZED CONSTRUCTION ENTRANCE AT LOCATION(S) AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLÂN. 2. STONE SIZE SHALL BE ASTM C-33, SIZE No. 2 OR 3, CRUSHED
- 3. THE THICKNESS OF THE STAB. CONST. ENT. SHALL NOT BE LESS
- 4. THE WIDTH AT THE EXIST. PAVEMENT SHALL NOT BE LESS THAN THE
- 5. THE STAB. CONST. ENT. SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE R.O.W./PAVEMENT. THIS REQUIRES PERIODIC TOP DRESSING WITH ADDITONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP
- 6. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
- OCCURRENCE, ALL CONTRCTORS, BOTH SITE AND DWELLING CONTRACTORS, SHALL BE REQUIRED TO BROOMSWEEP THE ROADWAY AT TWO-HOUR INTERVALS MINIMUM AND PRIOR TO LEAVING THE

STABILIZED CONSTRUCTION ENTRANCE NOT TO SCALE



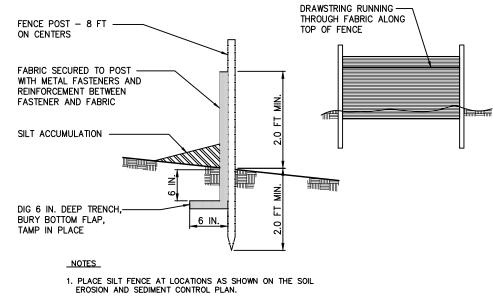
- PLACE INLET FILTERS AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLN.
- 2. STONE SHALL BE PILED SO THAT ALL OPENINGS IN THE INLET
- ARE NOT COMPLETELY COVERED AND FILTER POSITION TO ALLOW FLOW INTO THE CATCH BASIN. 3. INLETS ARE TO BE CLEANED AFTER EVERY STORM.

INLET FILTER AFTER PAVING NOT TO SCALE



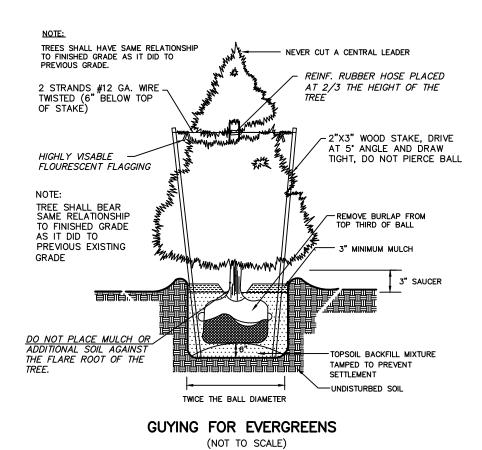
TYPICAL PLANTING FOR TREES TO 3 1/2" CAL.

- HIGHLY VISABLE



- 2. THE SLOPE OF THE LAND FOR AT LEAST 30 FEET ADJACENT TO ANY SILT FENCE SHALL NOT EXCEED 5%. 3. SILT FENCE SHALL BE INSTALLED SO WATER CANNOT BYPASS THE FENCE AROUND IT'S ENDS.
- SILT FENCE CONSTRUCTION AND INSTALLATION DETAIL

4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT



FLOURESCENT FLAGGING ARBOR TIE BY DEEP ROOT COMPANY — GALV. TURNBUCKLE GREEN OR WHITE, 900 LB. BREAKING STRENGTH 2"x3" WOOD STAKES-TYPICAL GUYING DETAIL

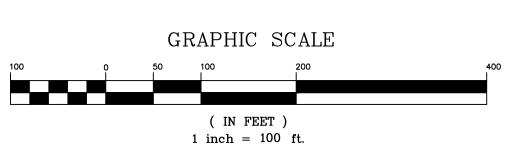
(NOT TO SCALE)

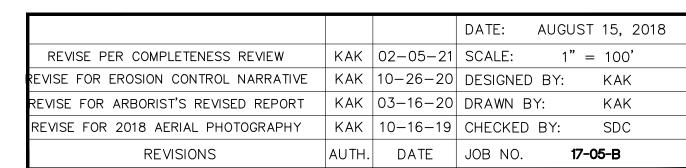
# PLANNING BOARD SIGNATURE BLOCKS:

Planning Board Chair: Alan Fross

Planning Board Secretary: Scarlett Doyle, PP

Planning Board Engineer: William Burr, PE







OFFICES THROUGHOUT

Municipal Engineering Land Surveying Professional Planning Landscape Architecture 501 NORTH MAIN STREET, DOYLESTOWN, PA 18901 EMAIL: VCEPA@VCEA.ORG WEB: WWW.VCEA.ORG PHONE (215) 345-1876 FAX (215) 345-1730



PATRIOT'S BALLPARK-ROUTE 287 R.O.W.

SITUATED IN **BRIDGEWATER TOWNSHIP** SOMERSET COUNTY, NEW JERSEY

SOIL EROSION and SEDIMENT CONTROL PLAN NARRATIVE and DETAILS



Environmental Engineering

PURPOSE OTHER THAN THAT WHICH IS INTENDED SHALL BE AT

THE SOLE DISCRETION AND LIABILITY OF THE APPLICABLE PARTY.