

DTS Provident Design Engineering, LLP One North Broadway White Plains, NY 10601

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Andrew V. Tung, ASLA, Esq., LEED AP Gerhard M. Schwalbe, P.E. Charles 'Carlito' Holt, P.E., PTOE Brian Dempsey, P.E., PTOE, RSP1

June 26, 2023

Mr. Christopher Carthy Chairman of the Town of North Castle Planning Board and Members of the Board 15 Bedford Road Armonk, New York 10504

Regarding: Jungers Starr Residence Swimming Pool

14 Tallwood Road, Armonk Wetland Permit Application

Dear Chairman Carthy and Members of the Board:

Our firm represents Christian Jungers and Michelle Starr, owners of the property at 14 Tallwoods Road in the Town of North Castle. The owners are proposing to construct a swimming pool, in the rear yard of their home. All of the improvements and disturbance associated with the construction are located within a 100-foot locally regulated wetland buffer. It has been determined that the application will require a Wetland Permit review from the Planning Board.

The project will result in the creation of approximately 1,000 square feet of new impervious surface, all of which will be within the regulated buffer area. A stormwater mitigation system is proposed to serve the dual purpose of mitigating stormwater runoff generated from the new impervious surface and to provide a system to accept pool water drawdown.

Construction of the proposed pool, equipment and mitigation area will create 5,600 square feet of overall disturbance on the property. The total amount of disturbance occurring with the regulated buffer area is 5,260 square feet. Three (3) trees will be removed as a result of the proposed activity.

Wetland buffer mitigation is proposed to offset the impact created by the disturbance associated with the project. The strategy for the buffer mitigation is to remove invasive species along existing wetland and supplement existing landscape with enhanced plantings of additional native flowers, ferns, and grasses.

In addition to the landscape mitigation, a retaining wall will be placed adjacent to the proposed pool to limit yard area and disturbance within the wetlands itself. All disturbed areas will be restored by placement of topsoil and restoring vegetation.

In support of this application, we are submitting the following material:

Plan Set including Site Plan, Construction Plan and Detail

Mitigation Plan as prepared by Benedek Ticehurst Landscape Architects and Planners, P.C. Site Plan application Short Environmental Assessment Form Gross Land Coverage Worksheet Wetland Permit Application Fees to be provided separately

The owners respectfully request to be placed on the Planning Board July agenda to be considered for review of a Wetland Permit application. If you have any questions or require additional information, please do not hesitate to contact me at (914) 559-6745 or via email me at pgregory@dtsprovident.com. We look forward to meeting with you and discussing the project next month.

Very truly yours,

DTS Provident Design Engineering, LLP

Peter J. Gregory, P.E.

Peter Jugary

Senior Associate



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

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

### Application for Site Development Plan Approval

## Application Name

Christian Jungers and Michelle Starr Residence Pool



#### WESTCHESTER COUNTY 17 Bedford Road Armonk, New York 10504-1898

TOWN OF NORTH CASTLE

#### PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning

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

## APPLICATIONS REQUIRING PLANNING BOARD APPROVAL SCHEDULE OF APPLICATION FEES

Type of Application	<b>Application Fee</b>			
Site Development Plan	\$200.00			
Each proposed Parking Space	\$10			
Special Use Permit (each)	\$200 (each)			
Preliminary Subdivision Plat	\$300 1 <sup>st</sup> Lot \$200 (each additional lot)			
Final Subdivision Plat	\$250 1 <sup>st</sup> Lot \$100 (each additional lot)			
Tree Removal Permit	\$75			
Wetlands Permit	\$50 (each)			
Short Environmental Assessment Form	\$50			
Long Environmental Assessment Form	\$100			
Recreation Fee	\$10,000 Each Additional Lot			
Discussion Fee \$200.00 Prior to submission of a sketch or preliminary subdivision Plat, an applicant or an applicant's representative wishes to discuss a subdivision proposal to the Planning Board, a discussion fee of				

\$200.00 shall be submitted for each informal appearance before the board.

<sup>\*</sup>Any amendment to previously approved applications requires new application forms and Fes\*



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

PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning

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#### PLANNING BOARD SCHEDULE OF ESCROW ACCOUNT DEPOSITS

Type of Application Deposit*	Amount of Initial Escrow Account
Concept Study	\$500.00
Site Plan Waiver for Change of Use	\$500.00
Site Development Plan for:	
Multifamily Developments	\$3,000.00 plus \$100.00 per proposed dwelling unit
Commercial Developments	\$3,000.00 plus \$50.00 for each required parking space
1 or 2 Family Projects	\$2,000.00
Special Use Permit	\$2,000.00 plus \$50.00 for each
Subdivision:	required parking space
Lot Line Change resulting in no new lots	\$1,500.00
All Others	\$3,000.00 plus \$200.00 per proposed new lot in excess of two (2)
Preparation or Review of Environmental Impact Statement	\$15,000.00

\* If a proposed action involves multiple approvals, a single escrow account will be established. The total amount of the initial deposit shall be the sum of the individual amounts indicated. When the balance in such escrow account is reduced to one-third (1/3) of its initial amount, the applicant shall deposit additional funds into such account to restore its balance to the amount of the initial deposit.

Applicant Signature

June 26, 2023

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

Name of Property Owner: Christian Junge	ers and Michelle Starr	
Mailing Address: 14 Tallwoods F	Road, Armonk, New York 10504	
Telephone: Fax: _		e-mail
Name of Applicant (if different): Connor C	O'Donnell, Bedford Poolscapes,	Inc.
Address of Applicant: P.O. Bo	x 433, Bedford, New York 10506	
Telephone: 914-980-7597 Fax:		e-mail codonnell@bedfordpoolscapes.com
Interest of Applicant, if other than Property  Contractor	y Owner:	
Is the Applicant (if different from the prop	erty owner) a Contract Vendee?	
Yes No.		
If yes, please submit affidavit sating such.	If no, application cannot be revi	ewed by Planning Board
Name of Professional Preparing Site Plan: Peter J. Gregory, P.E. DTS Prov	rident Design Engineering, LLP	
Address: One North Broadway, White Plai	ns, New York 10601	
Telephone: 914-559-6745	Fax:	e-mail pgregory@dtsprovident.com
Name of Other Professional: Seth Ticehui	rst Benedek Ticehurst Landsca	pe Architects and Site Planners, PC
Address: 448H Old Po	ost Road, Bedford, NY 10506	
Telephone: 914-234-9666	Fax:	e-mail _seth@btlandarch.co
Name of Attorney (if any):		
Address:		
Telephone:	Fax:	e-mail

#### Applicant Acknowledgement

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

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

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

Signature of Applicant:

Date: Jul 26,2023

Signature of Property Owner:

Date: Jun 26 200)

MUST HAVE BOTH SIGNATURES

#### II. IDENTIFICATION OF SUBJECT PROPERTY

Street Address:	14 Tallwoods Ro	oad, Armonk, New Yo	ork 10504			
Location (in rel	ation to nearest in	tersecting street):				
feet (	north, south, east	or west) of		_		
Abutting Street	(s):Tallv	oods Road				
		ection107.02			Lot	17
Tax Map Desig	nation (OLD): Se	ction	Block		Lot	
Zoning District	:R-2A	_ Total Land Area	2.295 ac.			
Land Area in N	orth Castle Only (	(if different)				
Fire District(s)	Armonk FD	_ School District(s	s) Byram Hills Schoo	ol District		
Is any portion of	f subject property	abutting or located	d within five hund	lred (500)	) feet of the f	ollowing:
No If yes, p  The bout No  The right or highty No  The exist for which No  The exist or institt No  The bout No	indary of any existandary of any existandary of any existandary of any existandary of any exay?  Yes (adjacent) Sting or proposed to the County has Yes (adjacent) Sting or proposed to the County has Yes (adjacent) Sting or proposed to the County has Yes (adjacent) Sting or proposed to the County has Yes (adjacent) Sting or proposed to the County has Yes (adjacent) Sting or proposed to the County has Yes (adjacent)	Yes (within 5 ne(s):  ting or proposed Compared (within 5 ne(s)):  Yes (within 6 ne(s)):	ounty or State par 500 feet) d County or State 500 feet) y stream or draina el lines? 500 feet) ounty or State own n 500 feet) an agricultural di nin 500 feet)	parkway, ge chann ned land o  strict?	thruway, expel owned by the son which a pu	pressway, road
	rty Owner or App	licant have an inter	est in any abuttin	g propert	y?	
If yes, please id	entify the tax map	designation of that	at property:			

#### III. DESCRIPTION OF PROPOSED DEVELOPMENT

Proposed Use:	Residential Use - S	wimming Po	ool				_	
Gross Floor Area:	Existing		S.F. Pr	oposed	-	_ S.F.		
Proposed Floor Ar	ea Breakdown:							
Retail		S.F.;	Office _		S.I	₹.;		
Industrial _		S.F.;	Institution	onal	S.	F.;		
Other Nonr	esidential	S.F.	; Residen	ıtial	S.	F.;		
Number of	Dwelling Units:							
Number of Parking	g Spaces: Existing	g 2	_ Require	ed2	Pr	oposed _	-	
Number of Loadin	g Spaces: Existin	g	Requir	red	P	roposed		_:
Earthwork Balance	e: Cut <b>265</b> C	.Y. Fill_	210	C.Y.				
Will Development	on the subject pr	operty inv	olve any	of the follo	wing:			
(If yes, app	ecial flood hazar lication for a Dev also be required)	d? No <u>✓</u> velopment	Yes Permit p	ursuant to C	Chapter	177 of th	e North Ca	astle Town
Trees with	a diameter at bre	ast height	(DBH) of	f 8" or great	er?			
	Yes <u>✓</u> lication for a Tre also be required.)		l Permit լ	oursuant to (	Chapter	308 of tl	he North C	Castle Town
(If yes, app	lated wetlands? I lication for a Tovalso be required.)	vn Wetlan			o Chapte	er 340 of	the North	Castle Town
State-regulation (If ves. app	ated wetlands? N	lo <u>√</u> te Wetland	Yes ds Permit	_ mav also be	e require	ed.)		

#### IV. SUBMISSION REQUIREMENTS

The site development plan application package shall include all materials submitted in support of the application, including but not limited to the application form, plans, reports, letters and SEQR Environmental Assessment Form. **Submission of the following shall be required:** 

•	One (1)	PDF s	set of the	site dev	elopment	plan ar	polication	nackage i	in a	single	PDF file

•	A check for the required application fee and a check for the required Escrow Account, both made
	payable to "Town of North Castle" in the amount specified on the "Schedule of Application Fees."

(continued next page)

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

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

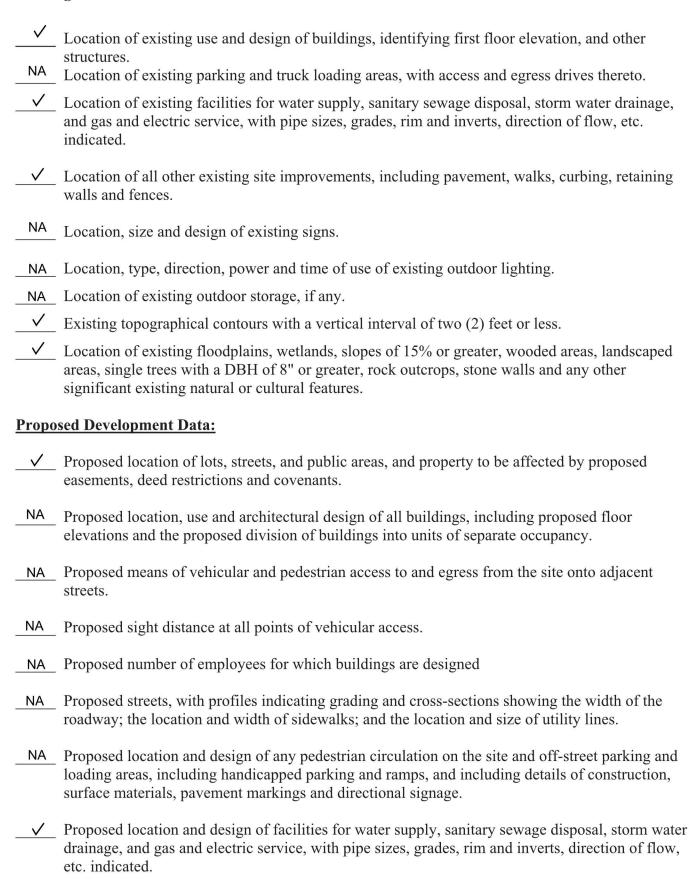
The application for site development plan approval will not be accepted for Planning Board review unless all items identified below are supplied and so indicated with a check mark in the blank line provided. If a particular item is not relevant to the subject property or the development proposal, the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

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

#### **Legal Data:**

_		Name of the application or other identifying title.
_	<u> </u>	Name and address of the Property Owner and the Applicant, (if different).
_	<u> </u>	Name, address and telephone number of the architect, engineer or other legally qualified professional who prepared the plan.
-	<u> </u>	Names and locations of all owners of record of properties abutting and directly across any and all adjoining streets from the subject property, including the tax map designation of the subject property and abutting and adjoining properties, as shown on the latest tax records.
_	<u> </u>	Existing zoning, fire, school, special district and municipal boundaries.
_	<b>✓</b>	Size of the property to be developed, as well as property boundaries showing dimensions and bearings as determined by a current survey; dimensions of yards along all property lines; name and width of existing streets; and lines of existing lots, reservations, easements and areas dedicated to public use.
	NA	Reference to the location and conditions of any covenants, easements or deed restrictions that cover all or any part of the property, as well as identification of the document where such covenants, easements or deed restrictions are legally established.
	<u> </u>	Schedule of minimum zoning requirements, as well as the plan's proposed compliance with those requirements, including lot area, frontage, lot width, lot depth, lot coverage, yards, off-street parking, off-street loading and other pertinent requirements.
_	<b>✓</b>	Locator map, at a convenient scale, showing the Applicant's entire property in relation to surrounding properties, streets, etc., within five hundred (500) feet of the site.
_	<b>✓</b>	North arrow, written and graphic scales, and the date of the original plan and all revisions, with notation identifying the revisions.
	<b>✓</b>	A signature block for Planning Board endorsement of approval.

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



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

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

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

#### **Instructions for Completing**

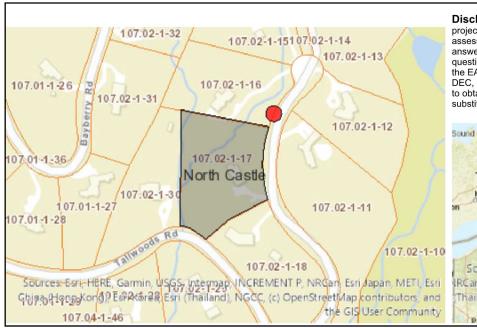
Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available.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

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

Part 1 – Project and Sponsor Information					
Name of Action or Project:					
Christian Jungers and Michell Starr Residence Pool					
Project Location (describe, and attach a location map):					
14 Tallwoods Road, Armonk, New York					
Brief Description of Proposed Action:					
The project will involve the construction of an 18' x 38' in ground swimming pool with associ system. Three (3) trees will be removed as a result of the construction activity. The project winvasive species removal and wetland buffer planting as mitigation for impact to locally regula	vill also require wetland buffer	mitigation in the form of			
	,				
Name of Applicant or Sponsor:	Telephone: 914-559-674	45			
Peter J. Gregory, P.E., DTS Provident Design Engineering, LLP	E-Mail: pgregory@dtsprovident.com				
Address:					
One North Broadway					
City/PO:	State:	Zip Code:			
White Plains	New York	10601			
1. Does the proposed action only involve the legislative adoption of a plan, loca administrative rule, or regulation?	al law, ordinance,	NO YES			
If Yes, attach a narrative description of the intent of the proposed action and the emay be affected in the municipality and proceed to Part 2. If no, continue to ques		at 🗸 🗀			
2. Does the proposed action require a permit, approval or funding from any other		NO YES			
If Yes, list agency(s) name and permit or approval: Town of North Castle - Wetland Permit Removal and Building Permit	ermit, Steep Slope Permit, Tre	ee 🗌 🗸			
3. a. Total acreage of the site of the proposed action?  b. Total acreage to be physically disturbed?  c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?  2.296 acres  2.296 acres  2.296 acres					
4. Check all land uses that occur on, are adjoining or near the proposed action:					
5. Urban 🗹 Rural (non-agriculture) 🔲 Industrial 🔲 Commercia	al 🗷 Residential (subur	ban)			
✓ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Spec	cify):				
Parkland					

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

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:				
☐ Shoreline				
✓ Wetland Urban ✓ Suburban				
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or	NO	YES		
Federal government as threatened or endangered?	<b>✓</b>			
16. Is the project site located in the 100-year flood plan?	NO	YES		
	<b>✓</b>			
17. Will the proposed action create storm water discharge, either from point or non-point sources?	NO	YES		
If Yes,		✓		
a. Will storm water discharges flow to adjacent properties?	<b>✓</b>			
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe:	<b>✓</b>			
18. Does the proposed action include construction or other activities that would result in the impoundment of water	NO	YES		
or other liquids (e.g., retention pond, waste lagoon, dam)?	NO	IES		
If Yes, explain the purpose and size of the impoundment:	<b>/</b>			
	•	Ш		
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste	NO	YES		
management facility?  If Yes, describe:				
ii Tes, describe.	<b>✓</b>			
	_			
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or	NO	YES		
completed) for hazardous waste? If Yes, describe:				
	<b>✓</b>			
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE				
Applicant/sponsor/name: Peter J. Gregory, P.E. Date: 6/26/23				
Signature:Title:				



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



No
Yes
No
Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
No
No
No



#### TOWN OF NORTH CASTLE

#### WESTCHESTER COUNTY 17 Bedford Road Armonk, New York 10504-1898

#### PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning

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

#### GROSS LAND COVERAGE CALCULATIONS WORKSHEET

Applicat	ion Name or Identifying Title:	Christian Jungers and Michelle Starr	Date: 6/26/23		
Tax Map	Designation or Proposed Lot No.:	107.02 - 1 - 17			
Gross Lo	ot Coverage				
1.	Total lot Area (Net Lot Area for Lots	Created After 12/13/06):	99,992		
2.	Maximum permitted gross land cover	<b>um</b> permitted gross land coverage (per Section 355-26.C(1)(a)):13,270 + (0.075)(12,872)			
3.	<b>BONUS</b> maximum gross land cover (per Section 355-26.C(1)(b)):				
	Distance principal home is beyond mi 18.71 x 10 =	inimum front yard setback	187_		
4.	TOTAL Maximum Permitted gross	14,422_			
5.	Amount of lot area covered by <b>princi</b> 2,297 existing +		2,297_		
6.	Amount of lot area covered by access existing + p				
7.	Amount of lot area covered by <b>decks</b> : existing + p		0		
8.	Amount of lot area covered by <b>porch</b>		0		
9.	Amount of lot area covered by <b>drivev</b> 3,768 existing +		3,768		
10.	Amount of lot area covered by <b>terrac</b> 676 existing + 1,054 p		1,730		
11.	Amount of lot area covered by <b>tennis</b> existing + 698 p		730		
12.	Amount of lot area covered by <b>all oth</b> 396 existing + 122 p		518		
13.	Proposed gross land coverage: Total	1 of Lines $5 - 12 =$	9,043		
the proje does not	ect may proceed to the Residential Proceedings with the Town's regulations.	proposal <b>complies</b> with the Town's maximum ject Review Committee for review. If Line 13			
Pet	ter Gregory	6/26/2	3		
Signatur	e and Seal of Professional Preparing W	Vorksheet Date			

## WETLANDS AND DRAINAGE APPLICATION TOWN OF NORTH CASTLE BUILDING DEPARTMENT

	DATE: 6 / 26 / 23 \$250 (min.) for Cor					
1.	NAME & ADDRESS OF APPLICANT: Connor O'Donnell, Bedford Poolscapes, Inc.	OWNER (IF DIFFERENT): Christian Jungers and Michelle Starr				
	P.O. Box 433	14 Tallwoods Road				
	Bedford, New York 10506	Armonk, New York 10504				
	TELEPHONE: ( 914 ) 980 - 7597	TELEPHONE: (				
2.	STREET ADDRESS OF PROPERTY:1	4 Tallwoods Road				
	SECTION: <u>107.0</u>	02 BLOCK: 1 LOT: 17				
3.	B. <b>DESCRIPTION OF PROPOSED WORK &amp; MATERIALS</b> : PLANS & SPECIFICATION ANNEXED HERETO. STATE NAME AND OCCUPATION OF PREPARER:					
	Construction of 18' x 38' inground swimming pool					
	mitigation/pool drawdown system. The work will r					
	buffer mitigation planting and invasive removal de	ue to wetland buffer disturbance.				
4. IMPACT STATEMENT (IF REQUIRED) PREPARED BY:						
	DATED: <u>Ob 126 12023</u> APPLICANT's	S SIGNATURE: Luce Ommel				
NO	_	BE REVIEWED BY THE TOWN BOARD, NSERVATION BOARD, OR THE TOWN OF THE TOWN ENGINEER.				
Do	you have any intention of tearing down a house to b	uild a new house within the next SIX (6) months?				
Do	you have any intention to expand a house over 1500	square feet within the next SIX (6) months?				
If th	ne Planning Board has granted you approval previou	☐ Yes <b>☑</b> No Isly, on what dates were you approved? (List Below				

#### PFIZER – JÄHNIG ENVIRONMENTAL CONSULTING

September 10, 2022

#### **Wetland Delineation Report**

14 Tallwoods Road North Castle, New York

#### Introduction:

A wetland delineation was conducted at 14 Tallwoods Road on September 2, 2022 by Mary Jaehnig, soil scientist. The property is located on the western side of Tallwoods Road and supports a single family dwelling.

The topography generally descends to the west. An intermittent watercourse flows onto the property along the northern property line and continues to the southeast until flowing off the property. The watercourse banks are steep and well defined. A wetland pocket is located west of the watercourse midway along the western property line. The edge of the eastern side of the watercourse was flagged in the field using chronologically labeled pink ribbon from number 1 to 27.

The watercourse and wetland are locally regulated. The nearest New York State Department of Environmental Conservation regulated wetland, G-11, is located 0.35 miles to the south. The site is within the watershed to the NYC reservoir system.

#### Soils and Vegetation:

Soil samples were obtained using an auger. Features noted include color, texture and depth to hydric indicators. Soils were classified according to guidelines established by the USDA NRCS.

The upland soil is Chatfield-Hollis-Rock outcrop complex. This unit consists of the somewhat deep and well drained Chatfield loam with the shallow, somewhat excessively drained Hollis loam in a landscape of stones, boulders and areas of exposed bedrock. Depth to bedrock in Chatfield loam averages 20 to 40 inches below grade and averages 16 inche below grade in Hollis loam. Deeper areas of soil occur within the unit. The depth to the water table usually exceeds 6 feet below grade.

#### PFIZER – JÄHNIG ENVIRONMENTAL CONSULTING

The uplands are maintained as grassed lawn near the dwelling and woods with mature trees throughout the remainder. The trees include red oak, yellow poplar, sugar maple, American beech, Norway maple. The shrub cover includes Japanese barberry, multiflora rose and brambles. Groundcover includes garlic mustard and Christmas fern.

The wetland pocket that continues off site to the west consists of Ridgebury complex hydric soil. This unit is deep, poorly drained and also formed in glacial till. Stones and boulders occur on the surface and the water table is located close to the surface from late fall into early spring.

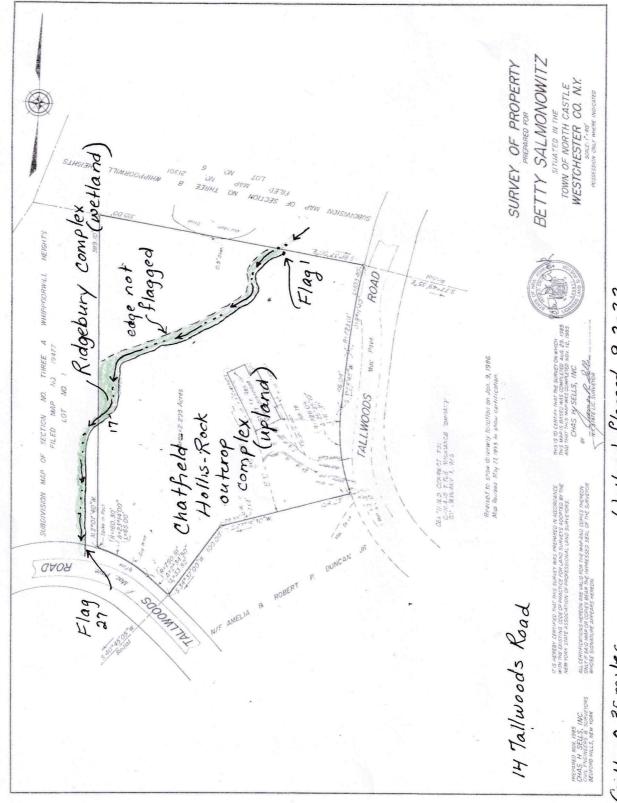
The wetland supports stilt grass, occasional skunk cabbage, spicebush and red maple.

Sincerely,

Mary Jaehnig soil scientist

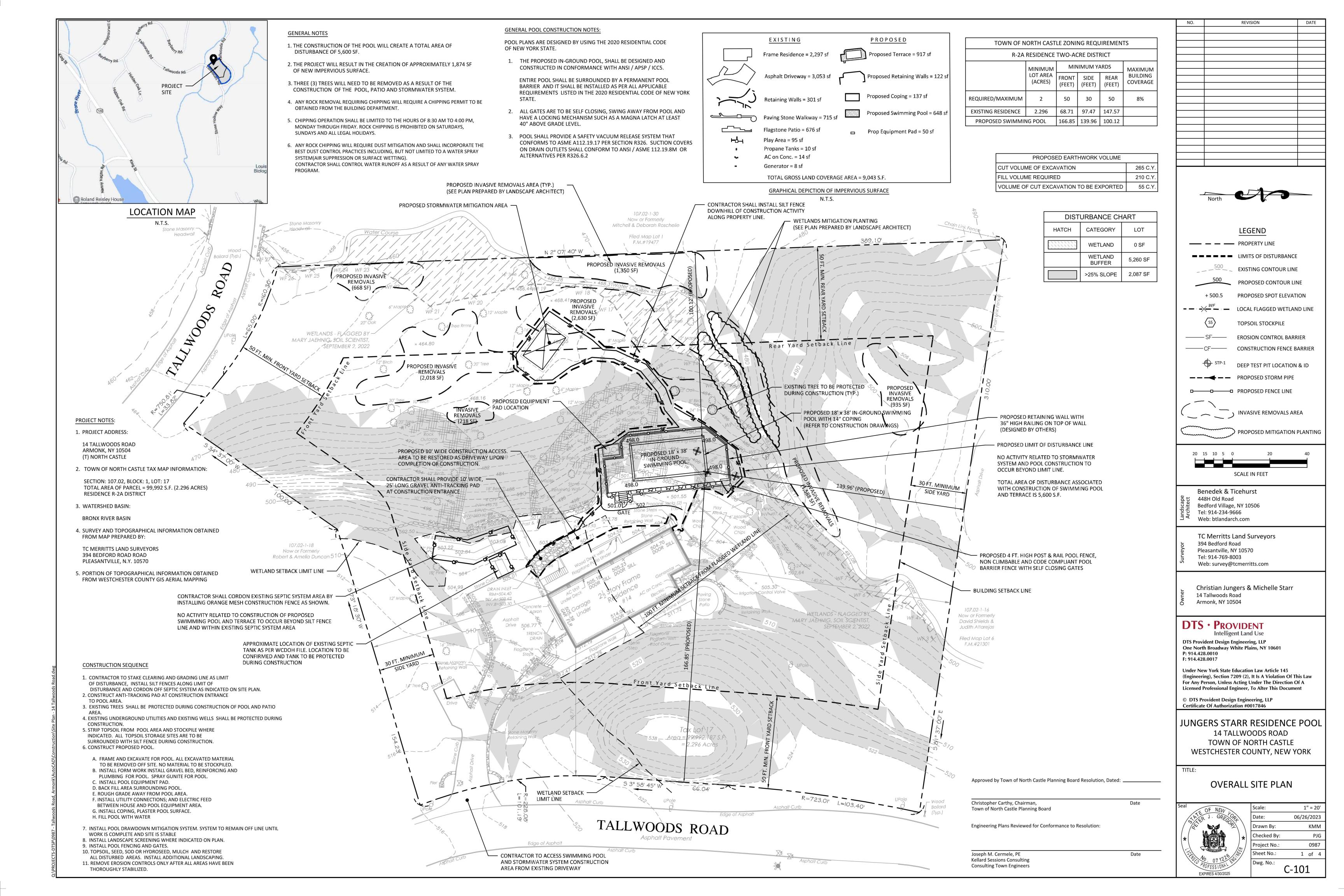
Pfizer-Jaehnig Soils 17 Fairview Avenue

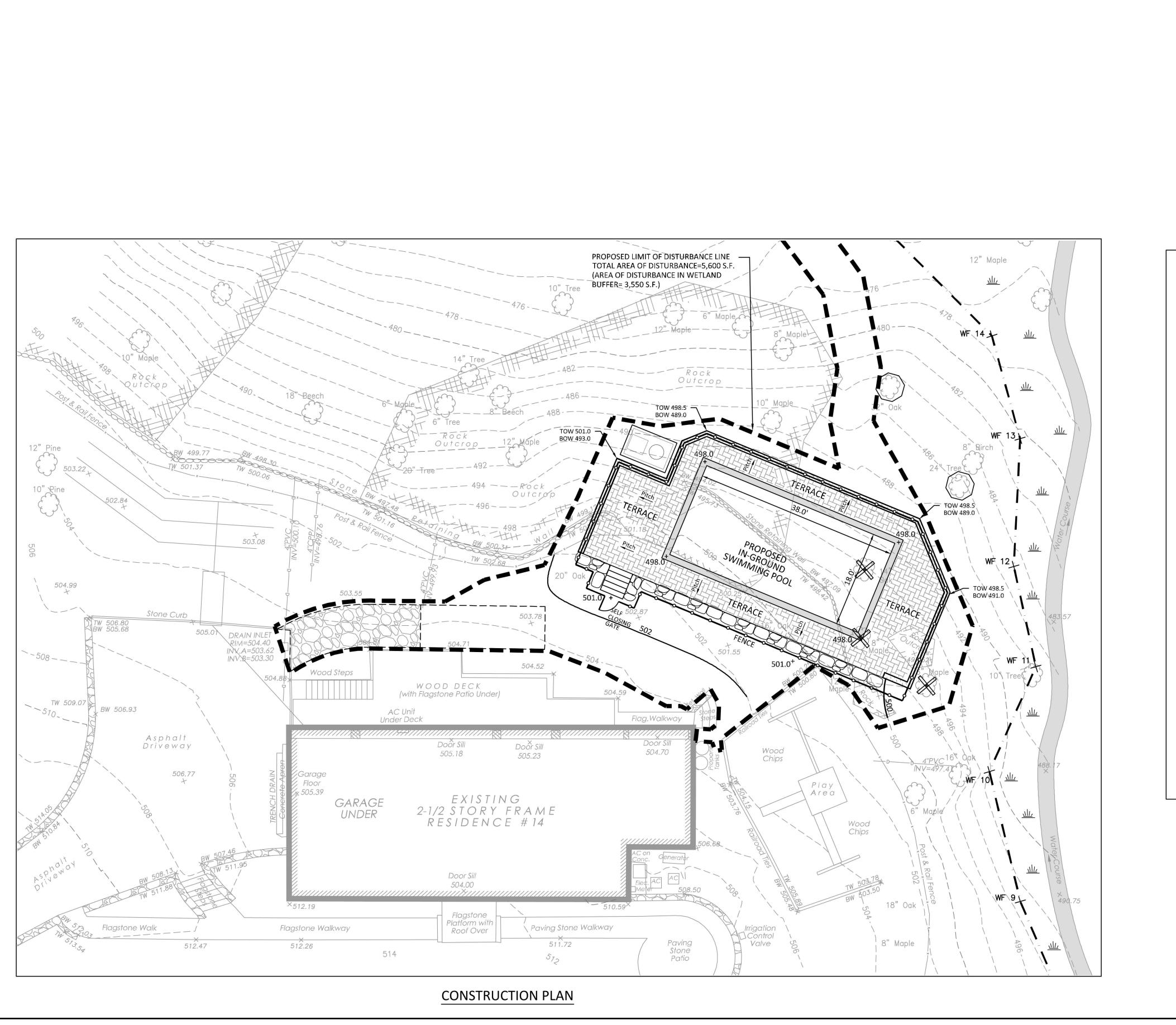
Mary Lacknig



G-11, 0.35 miles to south

Wetland flagged 9-2-22 Mary Jachnig, Soil Scientist







PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning

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

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

> > 187

#### GROSS LAND COVERAGE CALCULATIONS WORKSHEET

Application Name or Identifying Title: CHRISTIAN JUNGERS & MICHELLE STARR Date: 6/26/23

Tax Map Designation or Proposed Lot No.: 107.02 - 1 - 17

Gross Lot Coverage

99,992 Total lot Area (Net Lot Area for Lots Created After 12/13/06): **Maximum** permitted gross land coverage (per Section 355-26.C(1)(a)): 13,270 + (0.075)(12,872) = 14,235

**BONUS** maximum gross land cover (per Section 355-26.C(1)(b)):

Distance principal home is beyond minimum front yard setback  $18.71 \times 10 =$ 14,422 **TOTAL Maximum Permitted gross land coverage** = Sum of lines 2 and 3

Amount of lot area covered by principal building: 2,297 2,297 existing + \_\_\_\_ 0 proposed = Amount of lot area covered by accessory buildings: \_\_\_\_0 \_\_\_\_\_ 0 \_\_\_ existing + \_\_\_\_ 0 \_\_\_ proposed =

Amount of lot area covered by decks: \_\_\_\_\_0 \_\_\_ existing + \_\_\_\_\_ 0 \_\_\_ proposed = Amount of lot area covered by porches: 0 \_\_\_\_\_ 0 \_\_\_\_ existing + \_\_\_\_ 0 \_\_\_\_ proposed =

3,768 Amount of lot area covered by terraces: 1,730 676 existing + 1,054 proposed =

Amount of lot area covered by **tennis court, pool and mechanical equip:**32 \_\_\_\_ existing + \_\_\_\_ 698 \_\_\_ proposed = 730 12. Amount of lot area covered by all other structures: 518 \_\_\_\_\_396 \_\_\_ existing + \_\_\_\_122 \_\_\_ proposed = 9,043

If Line 13 is less than or equal to Line 4, your proposal **complies** with the Town's maximum gross land coverage regulations and the project may proceed to the Residential Project Review Committee for review. If Line 13 is greater than Line 4 your proposal does not comply with the Town's regulations.

Signature and Seal of Professional Preparing Worksheet

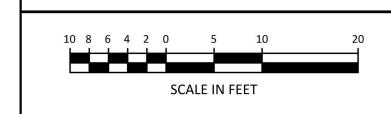
13. Proposed gross land coverage: Total of Lines 5 - 12 =

Approved by Town of North Castle Planning Board Resolution, Dated: \_\_\_\_\_

Christopher Carthy, Chairman, Town of North Castle Planning Board

Engineering Plans Reviewed for Conformance to Resolution:

Joseph M. Cermele, PE **Kellard Sessions Consulting** Consulting Town Engineers Date



Benedek & Ticehurst 448H Old Road Bedford Village, NY 10506 Tel: 914-234-9666 Web: btlandarch.com

TC Merritts Land Surveyors 394 Bedford Road Pleasantville, NY 10570 Tel: 914-769-8003 Web: survey@tcmerritts.com

Christian Jungers & Michelle Starr 14 Tallwoods Road Armonk, NY 10504

#### **DTS** • PROVIDENT **Intelligent Land Use**

DTS Provident Design Engineering, LLP One North Broadway White Plains, NY 10601 P: 914.428.0010 F: 914.428.0017

**Under New York State Education Law Article 145** (Engineering), Section 7209 (2), It Is A Violation Of This Law For Any Person, Unless Acting Under The Direction Of A Licensed Professional Engineer, To Alter This Document

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JUNGERS STARR RESIDENCE POOL 14 TALLWOODS ROAD TOWN OF NORTH CASTLE WESTCHESTER COUNTY, NEW YORK

## CONSTRUCTION PLAN AND CROSS SECTIONS



1" = 10' 06/26/2023 Drawn By: Checked By: 0987 Project No.: Sheet No.: 2 of 4 Dwg. No.: C-102

#### SOIL RESTORATION STANDARDS

THE OBJECTIVE IS TO DE-COMPACT THE SOILS IN THOSE AREAS WHICH WERE SUBJECT TO THE USE OF HEAVY EQUIPMENT TO RESTORE THE ORIGINAL PROPERTIES AND POROSITY OF THE SOIL, PROVIDING FOR REDUCTION OF RUNOFF AND A SUSTAINABLE GROWTH MEDIUM FOR VEGETATION. WHILE ALSO CONSIDERED AS A GREEN INFRASTRUCTURE TECHNIQUE, THIS MEASURE IS GENERALLY APPLIED DURING THE FINAL CLEANUP, SITE RESTORATION, AND LANDSCAPING PHASE OF THE PROJECT.

ALL DISTURBED AND COMPACTED AREAS THAT WILL BE UNPAVED, VEGETATED AND/OR LANDSCAPED IN THE POST-CONSTRUCTION CONDITION SHALL BE RESTORED IN ACCORDANCE WITH THE SOIL RESTORATION REQUIREMENTS IN TABLE 5.3 OF THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL, OR TABLE 4.6 IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (SEE BELOW), LATEST EDITIONS. SOIL RESTORATION WITHIN AREAS OF SATURATED SOILS SUCH AS WETLANDS SHALL NOT BE EMPLOYED, AS IT HAS THE POTENTIAL TO CREATE A SIGNIFICANT SUSPENSION OF SOILS.

FULL SOIL RESTORATION WILL BE ACCOMPLISHED DURING PERIODS OF RELATIVELY LOW TO MODERATE SUBSOIL MOISTURE, THE DISTURBED SUBSOILS WILL BE RETURNED TO ROUGH GRADE AND THE FOLLOWING STEPS WILL BE IMPLEMENTED:

- 1. THREE (3) INCHES OF COMPOST WILL BE APPLIED OVER THE SUBSOIL. THE COMPOST SHALL BE WELL DECOMPOSED (MATURED AT LEAST 3 MONTHS), WEED-FREE, ORGANIC MATTER. IT SHALL BE AEROBICALLY COMPOSTED, POSSESS NO OBJECTIONABLE ODORS, AND CONTAIN LESS THAN 1%, BY DRY WEIGHT, OF MAN-MADE FOREIGN MATTER. THE PHYSICAL PARAMETERS OF THE COMPOST SHALL MEET THE STANDARDS LISTED IN TABLE 5.2 - COMPOST STANDARDS TABLE IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, EXCEPT FOR "PARTICLE SIZE", 100% WILL PASS THE ½" SIEVE.
- THE COMPOST LAYER WILL BE TILLED INTO THE SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, TO MIX AND CIRCULATE AIR AND COMPOST INTO SUBSOILS. TILLING SHOULD NOT BE PERFORMED WITHIN THE DRIP LINE OF ANY EXISTING TREES OR OVER UTILITY INSTALLATIONS THAT ARE WITHIN 24 INCHES OF THE SURFACE. THE USE OF FERTILIZERS WILL BE MINIMIZED, UTILIZED ONLY WITHIN EXISTING COMMERCIAL AND/OR RESIDENTIAL LAWN AREAS, AND SHALL BE APPLIED IN ACCORDANCE WITH WESTCHESTER COUNTY LAW (SEE "APPLICATION OF FERTILIZERS", THIS SHEET).
- ROCK-PICKING WILL BE PERFORMED UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE HAVE BEEN CLEARED.
- 4. TOPSOIL WILL BE APPLIED TO A MINIMUM DEPTH OF 6 INCHES. TOPSOIL SHALL BE PROVIDED FROM STOCKPILES CREATED DURING TOPSOIL SEGREGATION OPERATIONS, OR IMPORTED FROM OFFSITE
- VEGETATE AREAS AS REQUIRED BY THE LANDSCAPING PLAN. USE APPROPRIATE GROUND COVER WITH DEEP ROOTS TO MAINTAIN THE SOIL STRUCTURE.
- 6. AT THE END OF THE PROJECT, THE ENVIRONMENTAL INSPECTOR SHOULD BE ABLE TO PUSH A 3/8 INCH METAL BAR 12 INCHES INTO THE SOIL JUST WITH BODY WEIGHT.

TYPE OF SOIL DISTURBANCE	SOIL RESTORATION REQUIREMENT		COMMENTS/EXAMPLES
NO SOIL DISTURBANCE	RESTORATION NOT PERMITTED		PRESERVATION OF NATURAL FEATURES
MINIMAL SOIL DISTURBANCE	RESTORATION NOT REQUIRED		CLEARING AND GRUBBING
AREAS WHERE TOPSOIL IS STRIPPED	HSG A&B	HSG C&D	PROTECT AREA FROM ANY
ONLY - NO CHANGE IN GRADE	APPLY 6 INCHES OF TOPSOIL	AERATE* AND APPLY 6 INCHES OF TOPSOIL	ONGOING CONSTRUCTION ACTIVITIES.
AREAS OF CUT OR FILL	HSG A&B	HSG C&D	
	AERATE* AND APPLY 6 INCHES OF TOPSOIL	APPLY FULL SOIL RESTORATION**	
HEAVY TRAFFIC AREAS ON SITE (ESPECIALLY IN A ZONE 5-25 FEET AROUND BUILDINGS BUT NOT WITHIN A 5 FOOT PERIMETER AROUND FOUNDATION WALLS)	APPLY FULL SOIL RESTORATION (DECOMPACTION AND COMPOST ENHANCEMENT)		
AREAS WHERE RUNOFF REDUCTION AND/OR INFILTRATION PRACTICES ARE APPLIED	RESTORATION NOT REQUIRED, BUT MAY BE APPLIED TO ENHANCE THE REDUCTION SPECIFIED FOR APPROPRIATE PRACTICES.		KEEP CONSTRUCTION EQUIPMENT FROM CROSSING THESE AREAS. TO PROTECT NEWLY INSTALLED PRACTICE FROM ANY ONGOING CONSTRUCTION ACTIVITIES CONSTRUCT A SINGLE PHASE OPERATION FENCE AREA.
REDEVELOPMENT PROJECTS	SOIL RESTORATION IS REQUIRED ON REDEVELOPMENT PROJECTS IN AREAS WHERE EXISTING IMPERVIOUS AREA WILL BE CONVERTED TO PERVIOUS AREA.		

MAKING A NARROW SLIT IN THE SOIL, A ROLLER WITH MANY SPIKES MAKING INDENTATIONS IN THE SOIL, OR PRONGS WHICH FUNCTION LIKE A MINI-SUBSOILER.

\*\* PER "DEEP RIPPING AND DE-COMPACTION, DEC 2008".

## **VEGETATION REQUIREMENTS**

## 1) SITE PREPARATION

- A. INSTALL NEEDED WATER AND EROSION CONTROL MEASURES AND BRING AREA TO BE SEEDED TO DESIRED GRADES USING A MINIMUM OF 4 IN. TOPSOIL.
- B. PREPARE SEEDBED BY LOOSENING SOIL TO A DEPTH OF 4-6 INCHES.
- C. LIME TO A PH OF 6.5 D. FERTILIZE AS PER SOIL TEST OR, IF FERTILIZER MUST BE APPLIED BEFORE SOIL TEST RESULTS ARE
- RECEIVED, APPLY 850 POUNDS OF 5-10-10 OR EQUIVALENT PER ACRE (20 LBS/1,000 SQ. FT.)
- E. INCORPORATE LIME AND FERTILIZER IN TOP 2-4 INCHES OF TOPSOIL. F. SMOOTH. REMOVE ALL STONES OVER 1 INCH IN DIAMETER, STICKS, AND FOREIGN MATTER FROM THE SURFACE. FIRM THE SEEDBED.

## 2) PLANTING—SUNNY LOCATION.

TURF-TYPE, FINE LEAF

UPON COMPLETING SOIL DE-COMPACTION, USE A CULTIPACKER TYPE SEEDER IF POSSIBLE. SEED TO A DEPTH OF 1/8 TO 1/4 INCH. IF SEED IS TO BE BROADCAST, CULTIPACK OR ROLL AFTER SEEDING. IF HYDROSEEDED, LIME AND FERTILIZER MAY BE APPLIED THROUGH THE SEEDER AND ROLLING IS NOT PRACTICAL. SEED USING THE FOLLOWING MIX AND RATES:

SPECIES (% BY WEIGHT)	LBS/1,000SQ. FT	LBS./ACRE
65% KENTUCKY BLUEGRASS BLEND	2.0-2.6	85-114
20% PERENNIAL RYEGRASS	0.6-0.8	26-35
15% FINE FESCUE	0.4-0.6	19-26
TOTAL	3.0-4.0	130-175
OR,		
100% TALL FESCUE		

3.4-4.6

3) WHEN USING THE CULTIPACKER OR BROADCAST SEED METHOD, MULCH USING SMALL GRAIN STRAW, APPLIED AT A RATE OF 2 TONS PER ACRE; AND ANCHOR WITH A NETTING OR TACKIFIER. HYDROSEED APPLICATIONS SHOULD INCLUDE MULCH, FERTILIZER AND SEED.

COMMON WHITE CLOVER CAN BE ADDED TO MIXTURES AT THE RATE OF 1-2 LBS/ACRE TO HELP MAINTAIN GREEN COLOR DURING THE DRY SUMMER PERIOD, HOWEVER, THEY WILL NOT WITHSTAND HEAVY TRAFFIC. FERTILIZING—FIRST YEAR, (SPRING SEEDLINGS) THREE TO FOUR WEEKS AFTER GERMINATION APPLY 1 POUND NITROGEN/1,000 SQUARE FEET USING A COMPLETE FERTILIZER WITH A 2-1-1 OR 4-1-3 RATIO OR AS RECOMMENDED BY SOIL TEST RESULTS. FOR SUMMER AND EARLY FALL SEEDINGS, APPLY AS ABOVE UNLESS AIR TEMPERATURES ARE ABOVE 85°F FOR EXTENDED PERIOD. WAIT UNTIL HEAT WAVE IS OVER TO FERTILIZE. FOR LATE FALL/ WINTER SEEDINGS, FERTILIZE IN SPRING. RESTRICT USE—NEW SEEDLINGS SHOULD BE PROTECTED FROM USE FOR ONE FULL YEAR TO ALLOW DEVELOPMENT OF A DENSE SOD WITH GOOD ROOT

EROSION CONTROL NOTES

## WOVEN WIRE FENCE (MIN. 14 1/2 GAUGE W/ MAX. 6" MESH SPACING) −10' MAX. C. TO C. — 36" MIN. LENGTH FENCE POSTS DRIVEN MIN. 16" INTO GROUND. **HEIGHT OF FILTER** = 16" MIN. PERSPECTIVE VIEW 36" MIN. FENCE POST WOVEN WIRE FENCE (MIN. 14 1/2 GAUGE W/ MAX. 6" MESH SPACING) WITH FILTER — UNDISTURBED GROUND COMPACTED SOIL **EMBED FILTER CLOTH** A MIN. OF 6" IN GROUND.

#### **CONSTRUCTION SPECIFICATIONS**

WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.

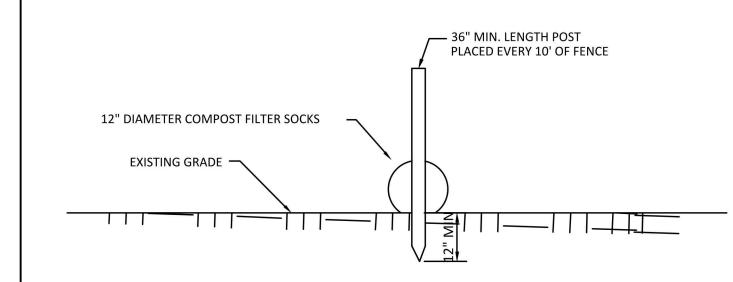
**SECTION VIEW** 

- POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6"
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA
- T140N, OR APPROVED EQUIVALENT. 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES"

DEVELOP IN THE SILT FENCE.

LIMITS OF

GRADING

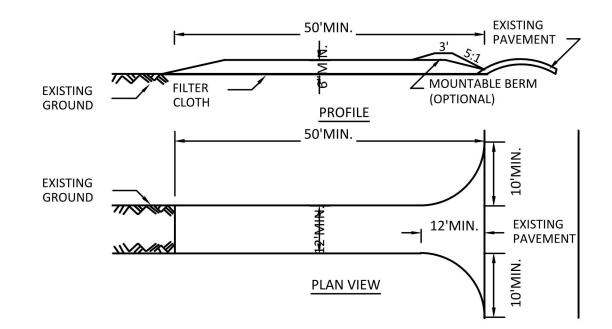


#### **INSTALLATION NOTES:**

**REMOVAL NOTES:** 

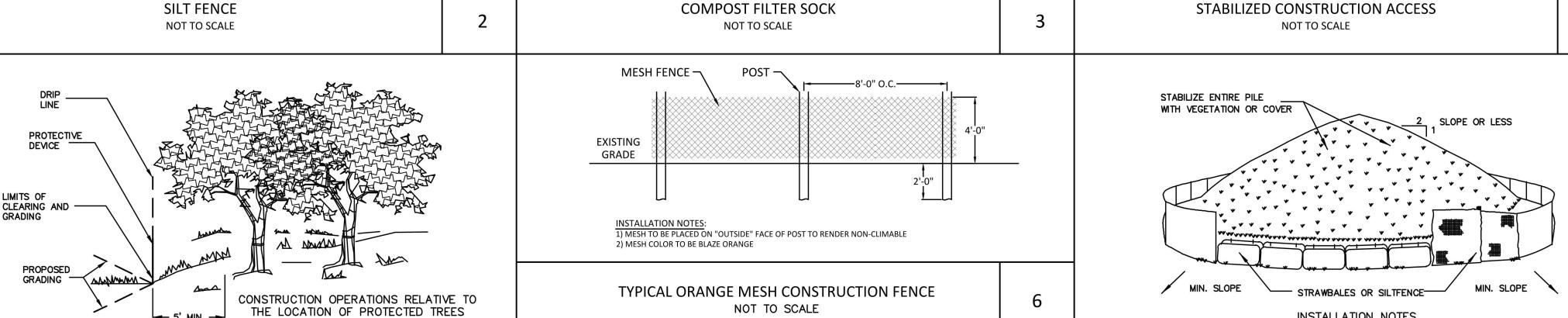
- 1. LAND SURFACE SHOULD BE PREPARED BY MOWING GRASS OR MAKING SOIL OR PAVED SURFACES
- 2. COMPOST FILTER SOCKS SHALL BE PLACED PERPENDICULAR TO STORM WATER FLOW, ACROSS THE
- SLOPE, SWALE, DITCH OR CHANNEL. 3. COMPOST FILTER SOCKS SHALL BE PLACED ON CONTOURS.
- 4. ON SOIL AND VEGETATED SURFACES, UNDER SHEET FLOW CONDITIONS, COMPOST FILTER SOCKS SHALL BE STAKED ON 10-FOOT CENTERS. UNDER CONCENTRATED FLOW CONDITIONS COMPOSITE FILTER SOCKS SHALL BE STAKED ON 5-FOOT CENTERS.
- 5. STAKES SHALL BE DRIVEN THROUGH THE CENTER OF THE COMPOST FILTER SOCK AND INSTALLED A MINIMUM OF 8 INCHES AND A MAXIMUM OF 12 INCHES INTO THE EXISTING SOIL, LEAVING A MINIMUM STAKE HEIGHT OF 2 INCHES ABOVE OF THE COMPOST FILTER SOCK.
- CARE SHALL BE TAKEN TO ENSURE THAT THE STAKES DO NOT PENETRATE THE LANDFILL LINER. STAKES SHALL BE 2 INCHES BY 2 INCHES HARDWOOD STAKES.
- EDGES OF THE COMPOST FILTER SOCKS SHALL BE TURNED UPSLOPE TO PREVENT FLOW AROUND THE ENDS OF THE COMPOST FILTER SOCKS.

- 1. UPON REMOVAL OF THE COMPOST FILTER SOCK, THE CONTRACTOR SHALL REMOVE ALL SEDIMENT ACCUMULATION PRIOR TO THE REMOVAL OF THE COMPOST FILTER SOCK. THE COMPOST FILTER SOCKS
- SHALL BE REMOVED IN THEIR ENTIRETY. 2. THE DISTURBED AREA SHALL BE SEEDED FERTILIZED AND MULCHED TO ENSURE THE VEGETATIVE COVER
- IS FULLY RESTORED.
- 3. MONITOR THE VEGETATIVE RESTORATION AREA UNTIL EXPOSED AREAS ARE FULLY STABILIZED WITH
- 4. THE COMPOST MATERIAL MAY BE SPREAD OVER THE LANDSCAPE OR INCORPORATED INTO THE SOIL AT
- THE END OF THE PROJECT, THEREBY INCREASING SOIL QUALITY AND REDUCING WASTE.
- THE SOCK MESH SHALL BE PROPERLY DISPOSED.

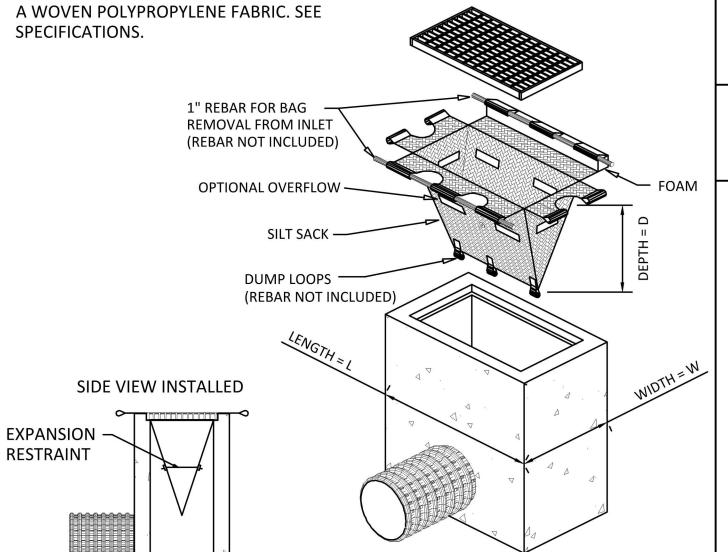


#### CONSTRUCTION SPECIFICATIONS

- 1. STONE SIZE USE 1-4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS NOT LESS THAN SIX (6) INCHES. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS
- OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE
- SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



THE SILT SACK WILL BE MANUFACTURED FROM 5



. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2. 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED. 4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILTFENCE.

**INSTALLATION NOTES** 

SOIL STOCKPILING NOT TO SCALE

Approved by Town of North Castle Planning Board Resolution, Dated: \_\_\_\_\_\_

Christopher Carthy, Chairman,

Joseph M. Cermele, PE

Kellard Sessions Consulting

Consulting Town Engineers

Town of North Castle Planning Board

Engineering Plans Reviewed for Conformance to Resolution:

**DTS** • PROVIDENT Intelligent Land Use DTS Provident Design Engineering, LLP

> F: 914.428.0017 **Under New York State Education Law Article 145** (Engineering), Section 7209 (2), It Is A Violation Of This Law For Any Person, Unless Acting Under The Direction Of A Licensed Professional Engineer, To Alter This Document

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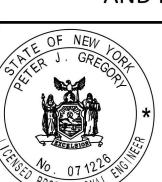
Web: btlandarch.com

REVISION

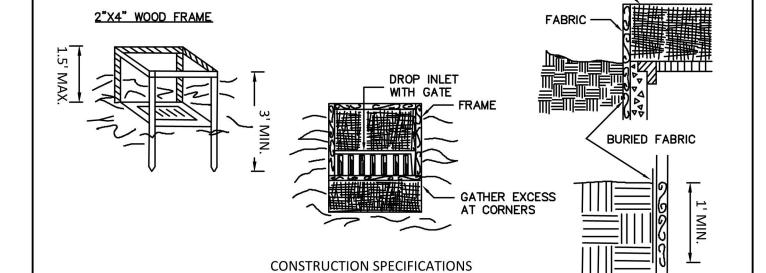
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JUNGERS STARR RESIDENCE POOL 14 TALLWOODS ROAD TOWN OF NORTH CASTLE WESTCHESTER COUNTY, NEW YORK

**EROSION CONTROL DETAILS** AND NOTES



AS NOTED 06/26/2023 Drawn By: Checked By: Project No. Sheet No.: Dwg. No.:



TREE PROTECTION

NOT TO SCALE

FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3

SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR

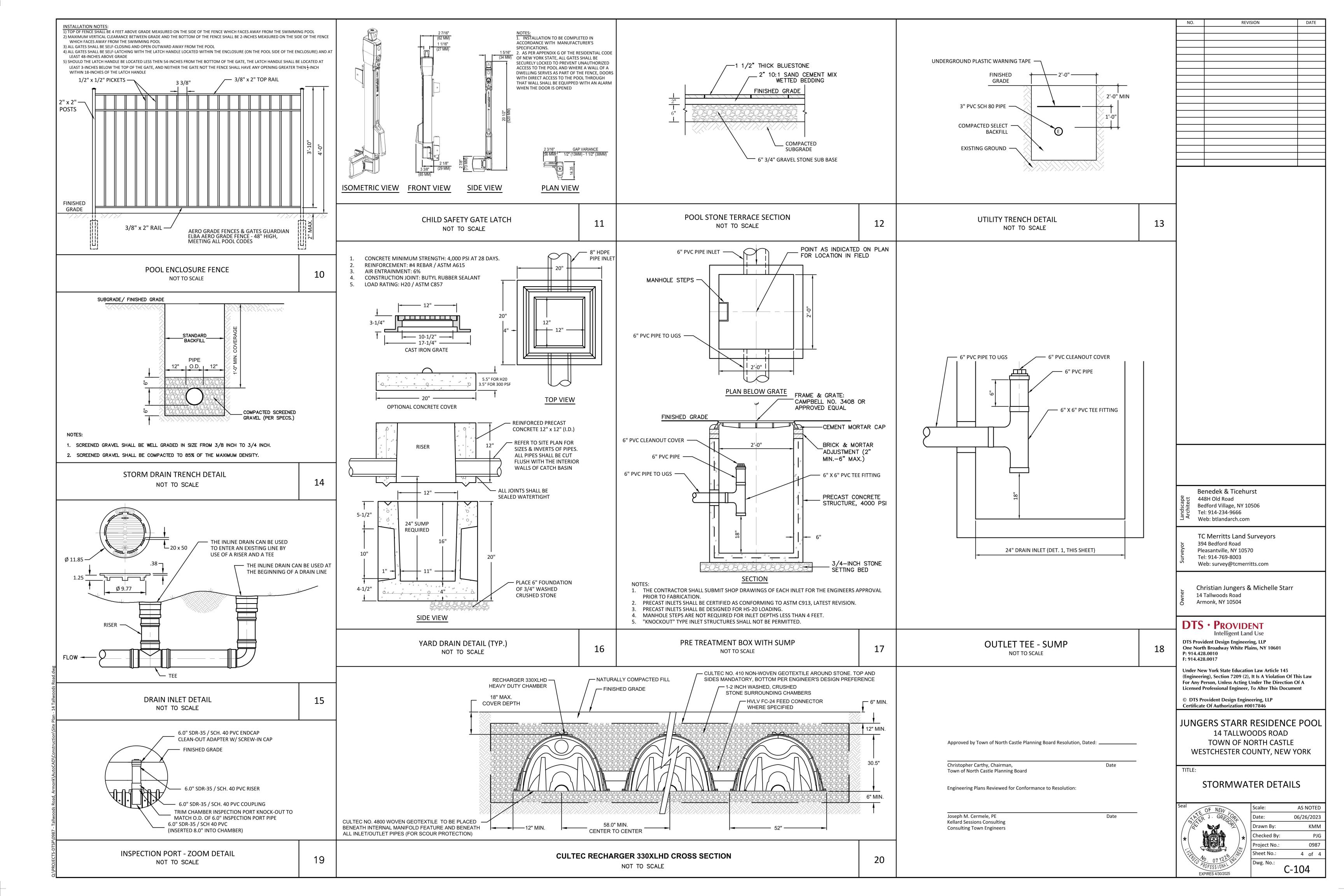
FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.

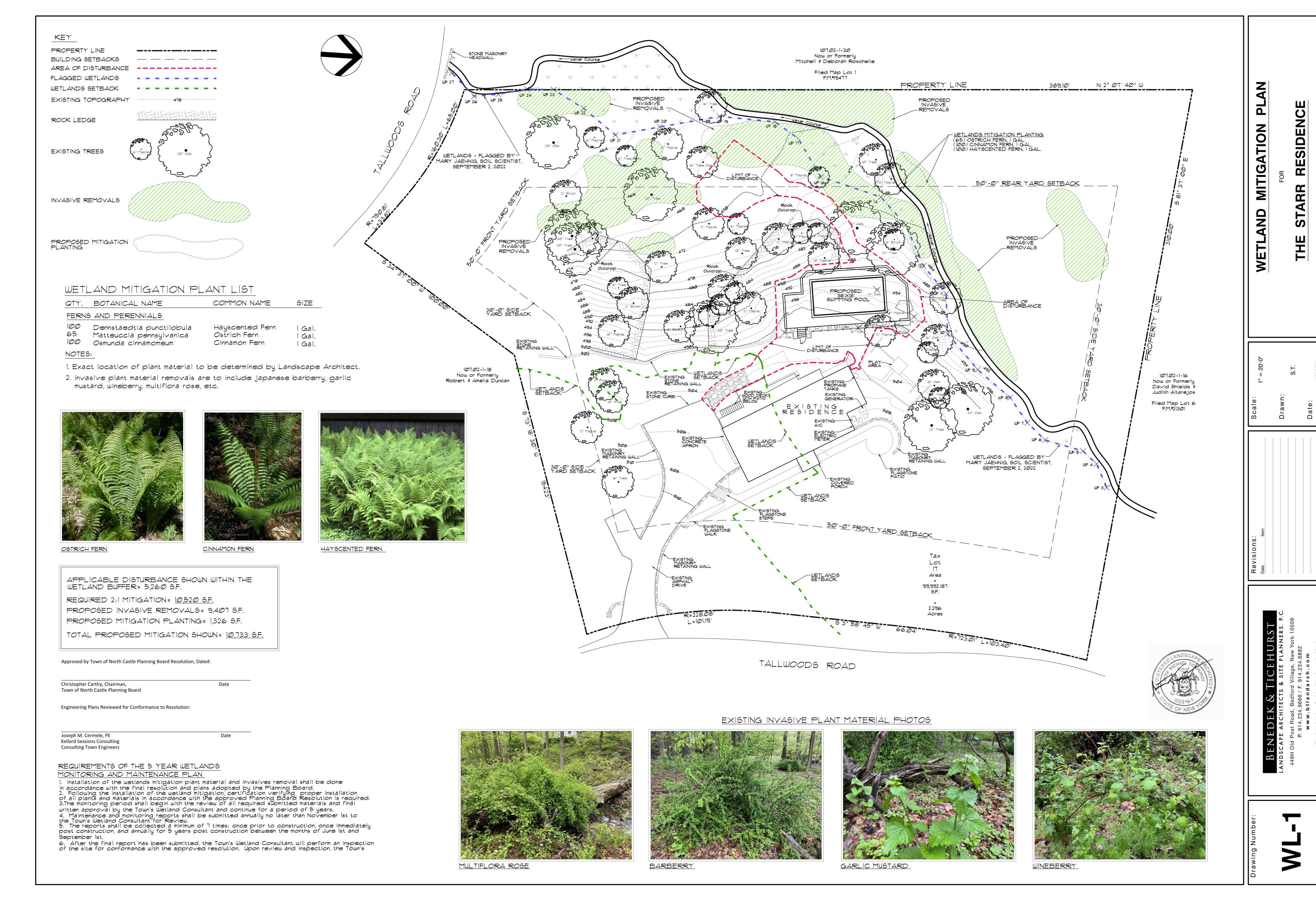
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW MAXIMUM DRAINAGE AREA 1 ACRE

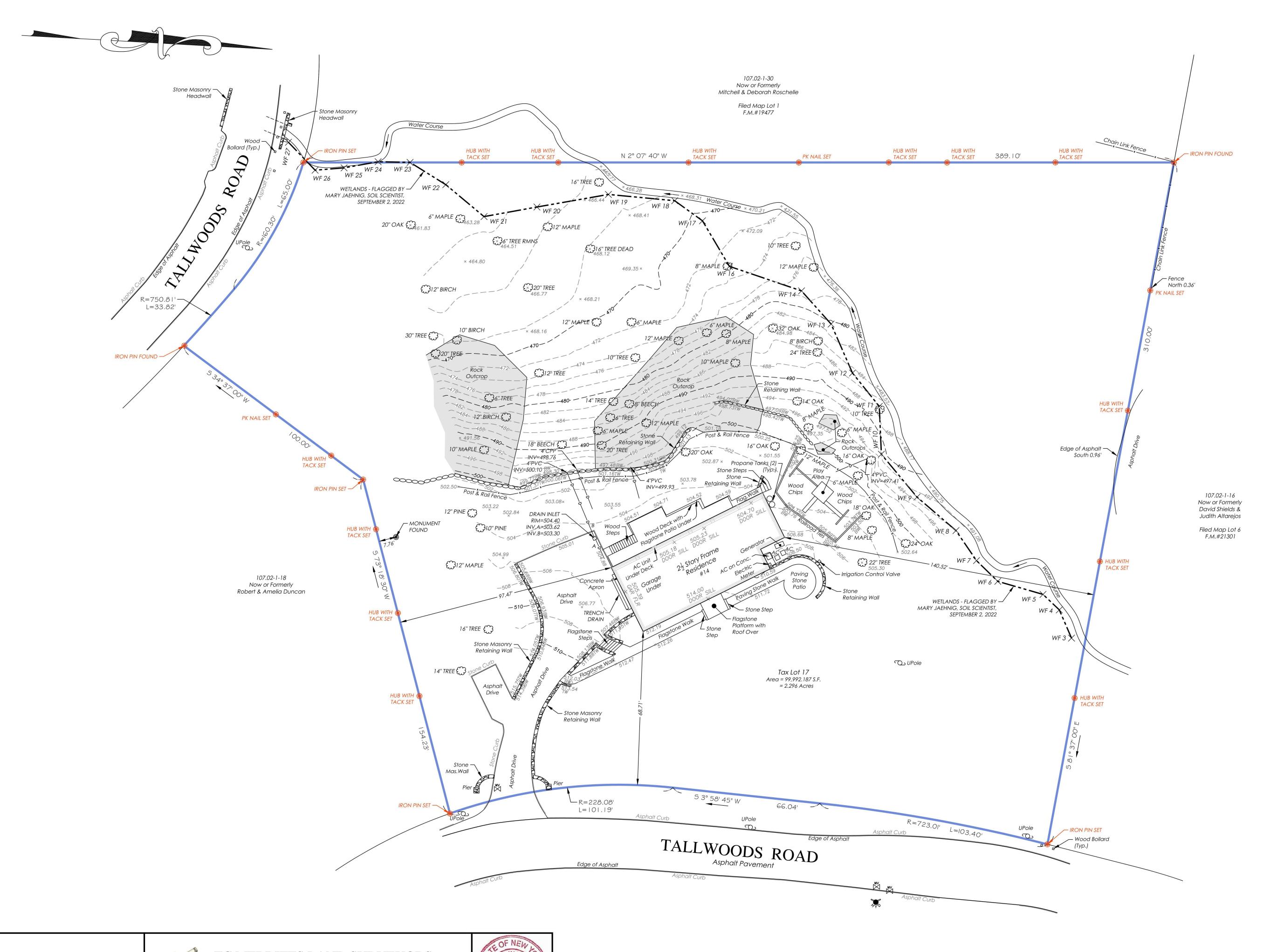
> CATCH BASIN SILT SACK **NOT TO SCALE**

FILTER FABRIC DROP INLET PROTECTION NOT TO SCALE

**INSTALLATION DETAIL** 







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Possession only where indicated.

Adjacent property lines and easements not surveyed or certified. Access to adjacent rights of way, easements and public or private lands not guaranteed or certified.

Underground utilities shown hereon are approximate and should be verified before excavating.

Additional underground utilities are not shown or certified.

Subject to covenants, easements, restrictions, conditions and agreements of record.

Encroachments and structures below grade, if any, not shown or certified.

This map is prepared to show topography only and is not to be used for title transfer purposes. Map may not be certified to title companies and/or banks.

Tree species shown hereon to be verified by a licensed arborist and are not certified by surveyor.

Elevations shown hereon generally in accordance with North American Vertical Datum 88.

Surveyed in accordance with Deed Control Number 612033812.

Premises shown hereon designated on the Town of North Castle Tax Maps as: Section 107.02, Block 1, Lot 17.

Property Address: 14 Tallwoods Road Armonk, NY 10504

> TOPOGRAPHIC SURVEY PREPARED FOR CHRISTIAN JUNGERS AND

MICHELLE STARR
SITUATE IN THE

TOWN OF NORTH CASTLE WESTCHESTER COUNTY, NEW YORK

> SCALE: 1" = 20'GRAPHIC SCALE

0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

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TC MERRITTS LAND SURVEYORS

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Surveyed: December 5, 2022 Map Prepared: December 9, 2022

> Wanul T. Merritts ew York State Licensed Land Surveyor No.050604

Project: Reference: 11-084

Field Survey By: Drawn By: DA/CMP

Project Manager: Checked By: DA