TOWN OF WOODSTOCK
INLAND WETLANDS AND WATERCOURSES AGENCY

APPLICATION FOR PERMISSION TO CONDUCT A REGULATED ACTIVITY WITHIN AN INLAND WETLAND OR WATER COURSE AREA IN THE TOWN OF WOODSTOCK, CONNECTICUT.

(In accordance with the Woodstock Inland Wetlands and Watercourses Regulations, and the regulations of the Connecticut Department of Environmental Protection)

INSTRUCTIONS: All applicants must complete Section 1 of this application form for preliminary review. The Agency will then notify the applicant of any additional information that may be required and will schedule a public hearing, if necessary. In addition to the information supplied in Section 1, the applicant should submit other supporting facts or documents which may assist the Agency in its evaluation of this proposal.
NO PERMIT SHALL BE TRANSFERRED WITHOUT PERMISSION OF AGENCY.

SECTION 1

1. **Name of Applicant** Woodstock Academy c/o Christopher Sandford
Address 150 Route 169, Woodstock, CT
Telephone # 860-928-6575

(if not applicant) Name of Property Owner Woodstock Academy c/o Christopher Sandford
Address 57 Academy Road, Woodstock, CT
Telephone # 860-928-6575

2. **Attach a written consent to the proposed activity by the owner, if applicant is not the property owner.**
3. **Street Location of the Property:** 150 Route 169
Specific directions: Property located on the west side of Route 169 just south of the intersection of Liljegren Road
Utility Pole Number if present: CLP #2662
(Use an additional sheet, if necessary, to draw a sketch showing the property in relation to surrounding roads.)
4. **Purpose and Description of Activity for which Authorization is Requested**
   a. **Proposed activity will involve the following: (Check appropriate activity):**
   Alteration _____ **Construction** X **Deposition or** _____ **Removal of material** _____ **Waste Disposal** _____
   b. **Attach a general description of the proposal and indentification of each regulated activity for which permit is sought. Include nature, area and a volume of material to be placed, removed or transferred. Lineal measurements of affected watercourses or wetlands must also be given.** Construction of New Tennis Courts with approx. 12,500 SF of disturbance in
   c. **A detailed site plan of the proposal must be included.** the 100-foot regulated area.
   d. **Purpose of the proposed activity (i.e., a new dwelling, addition to existing dwelling, new business, driveway, etc.):**
   Construction of 4 new Tennis Courts in the area of the existing soccer field.
5. **Attach a copy of soils map section and copy of U.S. Geological survey map section which contains the proposed activity if any watercourses are altered in any way.**
6. **Names and Addresses of Adjacent Property Owners (attach separate sheet).**

The undersigned applicant hereby consents to necessary and proper inspections of the above-mentioned property by Agents of the Inland Wetlands and Watercourses Agency, at reasonable times, both before and after the permit in question has been granted by the Agency. In evaluating this application, the Agency has relied on information provided by the applicant and, if such information subsequently proves to be false, deceptive, incomplete and/or inaccurate, this permit may be modified, suspended or revoked.

The undersigned swears that the information supplied in the complete application is accurate to the best of his/her knowledge and belief.

_____ 12-5-23
Signature of Applicant **Date**

SECTION II **TO BE FILLED IN BY AGENCY**

Date Filed _____ **Application #** _____ **Fee:** _____

Approved with the following conditions: All erosion controls required are to be inspected and approved by the Enforcement Officer prior to the start of the approved activity. Failure to arrange for the inspection and secure approval may VOID the permit.

This approval covers only specific activities described in this application.

By: _____ **Date Approved** _____ **Expires:** _____
Chairperson

Erosion controls inspected on _____ **by** _____
Date

Bonding (if required) posted on _____ **by** _____ **release date** _____
Date

Connecticut Department of
ENERGY & ENVIRONMENTAL PROTECTION

GIS CODE #: ___ ___ ___ ___ ___ ___ ___ ___ ___
For DEEP Use Only

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions.
If completing by hand - please print and use the pdf version.
Incomplete or incomprehensible forms will be mailed back to the municipal inland wetlands agency.

PART I: Must Be Completed By The Inland Wetlands Agency

1. DATE ACTION WAS TAKEN: year: **Click Here for Year** month: **Click Here for Month**
2. CHOOSE ACTION TAKEN (see instructions for code): **Click Here to Choose a Code**
3. WAS A PUBLIC HEARING HELD (check one)? yes ☐ no ☐
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:

   (type name) _____ (signature) _____

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

5. TOWN IN WHICH THE ACTIVITY IS OCCURRING (type name): **Woodstock**
   does this project cross municipal boundaries (check one)? yes ☐ no ☒
   if yes, list the other town(s) in which the activity is occurring (type name(s)): _____, _____
6. LOCATION (click on hyperlinks for information): USGS quad map name: **Putnam** or quad number: **28**
   subregional drainage basin number: **3708**
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): **Woodstock Academy**
8. NAME & ADDRESS OF ACTIVITY / PROJECT SITE (type information): **South Campus, 150 Route 169**
   briefly describe the action/project/activity (check and type information): temporary ☐ permanent ☒ description: _____
   Construction of Tennis Courts
9. ACTIVITY *PURPOSE* CODE (see instructions for code): **D**
10. ACTIVITY *TYPE* CODE(S) (see instructions for codes): **9, 12, 14, Click for Code**
11. WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, type acres or linear feet as indicated):
    wetlands: **0.00** acres open water body: **0.00** acres stream: **0.00** linear feet
12. UPLAND AREA ALTERED (type acres as indicated): **0.29** acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type acres as indicated): **0.00** acres

PART III: To Be Completed By The DEEP

DATE RECEIVED: DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO FORM CORRECTED / COMPLETED: YES NO

BAKER EDWARD J + JOANNE
107 RT 169
WOODSTOCK, CT 06281

BELLANCEAU GREGORY + DONN
65 CASTLE ROCK RD
WOODSTOCK, CT 06281

BRISSON CHRISTOPHER
116 SCHOOL ST
DANIELSON, CT 06239

CASTLE ROCK FARM LLC
210 CHILDS HILL RD
WOODSTOCK, CT 06281

CHAPMAN JOHN D
149 BUTTS RD
WOODSTOCK, CT 06281

DEAN JAMES C
72 CASTLE ROCK RD
WOODSTOCK, CT 06281

DEAN JAMES C
72 CASTLE ROCK RD
WOODSTOCK, CT 06281-0000

FLYBOY ACRES LLC
89 RT 169
WOODSTOCK, CT 06281

FLYBOY ACRES LLC
PEGHINY THOMAS - FLIGHTST
PO BOX 325
S WOODSTOCK, CT 06267

HANLON KEVIN + LORI
200 BUTTS RD
WOODSTOCK, CT 06281

HOUDE ELIZABETH
6 LILJEGREN RD
WOODSTOCK, CT 06281

JOY ROAD RENTALS LLC
122 JOY RD
WOODSTOCK, CT 06281-2204

KAMATH SANTOSH P + ANNE H
LE E SIDDHARTHA P + ANJAL
2103 NW 40TH TERRACE
GAINESVILLE, FL 32605

KOWAL MELISSA L TRUSTEE
KOWAL FAMILY IRREVOCABLE
19 MACK RD
MIDDLEFIELD, CT 06455

MAGNAN GEORGE J
PO BOX 304
WOODSTOCK, CT 06281

MAYHEW CHRISTOPHER D SR
PO BOX 297
S WOODSTOCK, CT 06267

MILLER FAMILY LLC
199 RT 171
WOODSTOCK, CT 06281

PRATTE GARY A + MYRA J
116 RT 169
WOODSTOCK, CT 06281

ROY RICHARD R + RUTH A
215 RT 169
WOODSTOCK, CT 06281

RUST JEFF WILLIAM & REBEC
106 RT 169
WOODSTOCK, CT 06281

SALVAS MARGARET S
77 RT 169
WOODSTOCK, CT 06281

SHERMAN BRUCE A + CYNTHIA
218 RT 169
WOODSTOCK, CT 06281

WOODSTOCK ACADEMY
57 ACADEMY RD
WOODSTOCK, CT 06281

WOODSTOCK TOWN OF
MIDDLE SCHOOL
415 RT 169
WOODSTOCK, CT 06281

Soil Scientist Report

Site Locus: 150 Rt. 169, Woodstock School, Woodstock, CT 06281
Prepared for: CHA Companies
Prepared by: Goddard Consulting LLC, 291 Main St, Suite 8, Northborough MA 01532
Date: 8/22/2023

INTRODUCTION

On August 16, 2023, the wetland resources were delineated on land located at 150 Rt. 169, Woodstock School, Woodstock, CT 06281 (refer to enclosed locus maps). The wetland boundaries were flagged using the criteria in the most recent edition of the Inland Wetlands and Watercourses Act (IWWA) and US Army Corps of Engineers standards using flag series GCA1-GCA10, GCA20-GCA27, and GCA30-GCA57. Hydric soil indicators, vegetation changes, hydrological indicators, and topography were all considered for delineation purposes.

The titles of attached documents are as follows:

- ACOE Delineation Data Sheets
- Figure 1: USGS of Locus Site, Goddard Consulting, LLC, 8/18/2023
- Figure 2: Orthophoto & Soils Map, Goddard Consulting, LLC, 8/18/2023
- Figure 3: Closeup Soils Map, Goddard Consulting, LLC, 8/18/2023
- Figure 4: FEMA Map, Goddard Consulting, LLC, 8/18/2023
- Figure 5: NDDB Rare Species Map, Goddard Consulting, LLC, 8/18/2023

INLAND WETLANDS AND WATERCOURSES ACT & BYLAW:

Inland resource areas were delineated in accordance with relevant federal, state, and local regulations. As stated in the IWWA Sec. 22a-38, "Wetlands" means land, including submerged land, not regulated pursuant to sections 22a-28 to 22a-35, inclusive, which consists of any soil types designed as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey…"

Additionally, "Watercourses" means rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs, and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within flow through or border upon the City or any portion thereof… Intermittent watercourses shall be delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (a) evidence of scour or deposits of recent alluvium or detritus, (b) the presence of standing or flowing water for duration longer than a particular storm incident, and (c) the presence of hydrophytic vegetation."

MAPPED NRCS SOILS

The table below provides the regulatory jurisdiction, flag numbers/colors, and wetland types and locations for the resource areas delineated. Based on the State of Connecticut GIS Soil Survey information (see the Orthophoto & Soils Map), the soils in association with the site location primarily include Woodbridge fine sandy loam and Sutton find sandy loam. Brief descriptions of these types of soils are explained below.

Woodbridge Fine Sandy Loam: These soils are fine sandy loams that become gravelly around a depth of 30 inches or greater. The typical profile of this soil is 0 to 65 inches of depth, with slopes between 0 to 8 percent. These are moderately well drained soils with a depth to water table between 18 to 30 inches, and have no hydric rating. They can typically be found in ground moraines, hills, and drumlins.

Sutton Fine Sandy Loam: These soils are fine sandy loams which become more gravelly at greater depths. The typical profile for this soil is from 0 to 62 inches, with slopes between 0 to 15 percent. These are very deep, moderately well drained soils with a water table at around 12 to 27 inches, and have no hydric rating. They can typically be found in ground moraines and hills.

Ridgebury Fine Sandy Loam: These soils are fine sandy loams which become gravelly at greater depths and have a layer of moderately decomposed plant material at the surface. The typical profile for these soils is from 0 to 66 inches, with slopes from 0 to 15 percent. These are poorly drained soils with a depth to water table of about 0 to 6 inches, and have a hydric rating. They can typically be found in ground moraines, hills, drumlins, depressions, and drainageways.

Based on the inspection of soils associated with the delineated wetland, the soil types researched appear to be consistent with what was discovered in the field.

OBSERVED ON-SITE SOILS

Consistent with the NRCS based soil survey, soils identified on the property were found to be similar, with sandy loams being the primary soil texture. Upland soils generally contained an A-Horizon with a depth of 0 to 8 inches, sandy loam texture, and a matrix of 10YR 4/2. Underlying this was a Bw-Horizon with a depth of 8 to 18+ inches, a sandy loam texture, and a matrix of 10YR 6/3. There was refusal at between 14 and 20 inches. Wetland soils generally contained an A-Horizon with a depth of 0 to 12 inches of depth, sandy loam texture, and matrix of 10YR 2/1. This was followed by a Bg-Horizon with a depth of 12 to 18+ inches, a sandy loam texture, and a matrix of 10YR 7/1.

VEGETATION

Vegetation in the upland consisted primarily of white pine, red oak, pignut hickory, red maple, maple leaf viburnum, jewelweed, multiflora rose, oriental bittersweet, morrow's honeysuckle, glossy buckthorn, Japanese barberry, poison ivy, goldenrod, primrose, and sensitive fern. Vegetation in the wetland primarily consists of red maple, red oak, green ash, morrow's honeysuckle, glossy buckthorn, oriental bittersweet, poison ivy, sensitive fern, and wild geranium. Vegetation differences between the upland and wetland were generally distinct, with obvious hydrophytes present here but absent from the adjacent upland areas. Vegetation in general was disturbed and invasive dominated in the upland areas.

HYDROLOGY AND WATERCOURSES

Multiple features of evident hydrologic conditions were identified on the property. A pool of standing water was found within the wetland east of the flag series GCA20-27, in addition to hydric soils. Two linear watercourses were identified along flag series GCA30-57. A narrow southern watercourse (flags GCA33-43) extends southeast from the main wetland, and terminates just before reaching a road. The northern watercourse (flags GCA55-57) extends north of the main wetland, and continues outside the delineated area.

FEMA FLOOD ZONES

The National Flood Hazard Layer provided by the Federal Emergency Management Agency (FEMA) does not depict the area of proposed development on site to be within a designated flood zone.

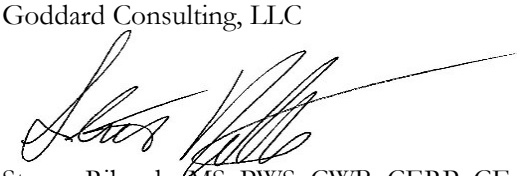
NDDB

The Natural Diversity Data Base (NDDB) does not depict the site to be within a Natural Diversity Area. The nearest NDDB area is over 500 feet southeast from the site boundary.

FINDINGS

Based on these hydric soil indicators, vegetation, hydrological indicators, and topography, the flagged locations on site were found to be the boundary of wetland and watercourse areas reviewed.

Sincerely,
Goddard Consulting, LLC



Steven Riberdy, MS, PWS, CWB, CERP, CE, PSS
Lead Biologist / Senior Manager / Palmer Office Manager

SITE PHOTOS

Photo 1. View of wetland (facing west) from flag GCA2 in the southeastern corner of the site.

Photo 2. View of upland (facing east) from flag GCA2 in the southeastern corner of the site.

Photo 3. View of upland path between wetland flags GCA10 & 20 (facing west).

Photo 4. View of standing water within wetland (facing west) between flags GCA20 & 27.

Photo 5. View of southern watercourse (facing northeast).

Photo 6. View of northern watercourse (facing north) at northern edge of delineation.

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: Woodstock School, 150 Rt. 169 City/Town: Woodstock, CT Sampling Date: 8/16/2023
Applicant/Owner: Woodstock School Sampling Point or Zone: GCA-2
Investigator(s): Steven Riberdy Latitude/Longitude: 41.926627, -71.959075
Soil Map Unit Name: 51B NWI or DEP Classification: PFO1E

UPGRADIENT

Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)
Are Vegetation _____ , Soil _____ , or Hydrology _____ significantly disturbed? (If yes, explain in Remarks)
Are Vegetation _____ , Soil _____ , or Hydrology _____ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc

Wetland vegetation criterion met?	Yes _____	No X	Is the Sampled Area within a Wetland?	Yes _____	No X
Hydric Soils criterion met?	Yes _____	No X			
Wetlands hydrology present?	Yes _____	No X			

Remarks, Photo Details, Flagging, etc.:

HYDROLOGY

Field Observations:			
Surface Water Present?	Yes	No X	Depth (in)
Water Table Present?	Yes	No X	Depth (in)
Saturation Present (including capillary fringe)?	Yes	No X	Depth (in)

Wetland Hydrology Indicators

Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
___ Water-stained leaves	___ Hydrological records	___ Direct observation of inundation
___ Evidence of aquatic fauna	___ Free water in a soil test hole	___ Drainage patterns
___ Iron deposits	___ Saturated soil	___ Drift lines
___ Algal mats or crusts	___ Water marks	___ Scoured areas
___ Oxidized rhizospheres/pore linings	___ Moss trim lines	___ Sediment deposits
___ Thin muck surfaces	___ Presence of reduced iron	___ Surface soil cracks
___ Plants with air-filled tissue (aerenchyma)	___ Woody plants with adventitious roots	___ Sparsely vegetated concave surface
___ Plants with polymorphic leaves	___ Trees with shallow root systems	___ Microtopographic relief
___ Plants with floating leaves	___ Woody plants with enlarged lenticels	___ Geographic position (depression,
___ Hydrogen sulfide odor		toe of slope, fringing lowland)

Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

Sampling Point GCA-2

VEGETATION – Use both common and scientific names of plants.

Tree Stratum Plot size 30'

	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1	Northern Red Oak	Quercus rubra	FACU	63.0%	X		85.7%
2	Pignut Hickory	Carya glabra	FACU	10.5%			14.3%
3							
4							
5							
6							
7							
8							
9							
				73.5%	=Total Cover		

Shrub/Sapling Stratum Plot size 15'

	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1	Northern Spicebush	Lindera benzoin	FACW	10.5%	X	X	25.9%
2	Morrow's Honeysuckle	Lonicera morrowii	FACU	10.5%	X		25.9%
3	Multiflora Rose	Rosa multiflora	FACU	10.5%	X		25.9%
4	Japanese Barberry	Berberis thunbergii	FACU	3.0%			7.4%
5	American Beech	Fagus grandifolia	FACU	3.0%			7.4%
6	Burning Bush	Euonymus atropurpureus	FACU	3.0%			7.4%
7							
8							
9							
				40.5%	=Total Cover		

Herb Stratum Plot size 5'

	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
				0.0%	=Total Cover		

VEGETATION – continued.

Woody Vine Stratum Plot size 30'

	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indictor? (yes/no)	% Dominant
1	Eastern Poison Ivy	Toxicodendron radicans	FAC	10.5%	X	X	33.3%
2	Virginia Creeper	Parthenocissus quinquefolia	FACU	10.5%	X		33.3%
3	Oriental Bittersweet	Celastrus orbiculatus	FACU	10.5%	X		33.3%
4							
				31.5%	=Total Cover		

Rapid Test:	Do all dominant species have an indicator status of OBL or FACW?			Yes		No X
Dominance Test:	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species?		
	7	2		Yes	No X	
Prevalence Index:		Total % Cover (all strata)	Multiply by:	Result		
	OBL species	0%	x1	=	0%	
	FACW species	11%	x2	=	21%	
	FAC species	11%	x3	=	32%	
	FACU species	125%	x4	=	498%	
	UPL species	0%	x5	=	0%	
	Column Totals (A)	146%		(B)	551%	
	Prevalence Index	B/A=	3.78	Is the Prevalence Index ≤ 3.0?		
				Yes	No X	
Wetland vegetation criterion met?	**Yes**	**No** X				

Definitions of Vegetation Strata

Tree	Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
Shrub/Sapling	Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
Herb	All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
Woody vines	All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.00%
6-15 %	10.50%
15-25 %	20.50%
26-50 %	38.00%
51-75 %	63.00%
76-95 %	85.50%
96-100 %	98.00%

Sampling Point GCA-2

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Location[2]	Texture	Remarks
0-8"	10YR4/2	100					Sandy Loam	A
8-18"+	10YR6/3	100					Sandy Loam	Bw

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains [2]Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators (Check all that apply)		**Indicators for Problematic Hydric Soils**
___ Histosol (A1)	___ Sandy Redox (S5)	___ 2 cm Muck (A10)
___ Histic Epipedon (A2)	___ Stripped Matrix (S6)	___ 5 cm Mucky Peat or Peat (S3)
___ Black Histic (A3)	___ Polyvalue Below Surface (S8)	___ Dark Surface (S7)
___ Hydrogen Sulfide (A4)	___ Thin Dark Surface (S9)	___ Polyvalue Below Surface (S8)
___ Stratified Layers (A5)	___ Loamy Mucky Mineral (F1)	___ Thin Dark Surface (S9)
___ Depleted Below Dark Surface (A11)	___ Loamy Gleyed Matrix (F2)	___ Iron-Manganese Masses (F12)
___ Thick Dark Surface (A12)	___ Depleted Matrix (F3)	___ Mesic Spodic (A17)
___ Sandy Mucky Mineral (S1)	___ Redox Dark Surface (F7)	___ Red Parent Material (F21)
___ Sandy Gleyed Matrix (S4)	___ Depleted Dark Surface (F8)	___ Very Shallow Dark Surface (TF12)
___ Dark Surface (S7)		___ Other (Include Explanation in Remarks)

Restrictive Layer (if observed) Type: Depth (inches):

Remarks

Hydric Soils criterion met? **Yes** **No** X

DOWNGRADIENT

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ___X___ No _____ (If no, explain in Remarks)
Are Vegetation _____ , Soil _____ , or Hydrology _____ significantly disturbed? (If yes, explain in Remarks)
Are Vegetation _____ , Soil _____ , or Hydrology _____ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc

Wetland vegetation criterion met?	Yes X	No	Is the Sampled Area within a Wetland?	Yes X	No
Hydric Soils criterion met?	Yes X	No			
Wetlands hydrology present?	Yes X	No			

Remarks, Photo Details, Flagging, etc.:

HYDROLOGY

Field Observations:			
Surface Water Present?	Yes	No X	Depth (in)
Water Table Present?	Yes	No X	Depth (in)
Saturation Present (including capillary fringe)?	Yes	No X	Depth (in)

Wetland Hydrology Indicators		
Reliable Indicators of Wetlands	Indicators that can be Reliable with	Indicators of the Influence of Water
X Water-stained leaves	Hydrological records	Direct observation of inundation
Evidence of aquatic fauna	Free water in a soil test hole	Drainage patterns
Iron deposits	Saturated soil	Drift lines
Algal mats or crusts	Water marks	Scoured areas
Oxidized rhizospheres/pore linings	Moss trim lines	Sediment deposits
Thin muck surfaces	Presence of reduced iron	Surface soil cracks
Plants with air-filled tissue	Woody plants with adventitious	Sparsely vegetated concave
(aerenchyma)	roots	surface
Plants with polymorphic leaves	Trees with shallow root systems	Microtopographic relief
Plants with floating leaves	Woody plants with enlarged lenticels	X Geographic position (depression,
Hydrogen sulfide odor		toe of slope, fringing lowland)

Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

Sampling Point GCA-2

VEGETATION – Use both common and scientific names of plants.

Tree Stratum Plot size 30'

	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant
1	Red Maple	Acer rubrum	FAC	63.0%	X	X	67.0%
2	Green Ash	Fraxinus pennsylvanica	FACW	20.5%	X	X	21.8%
3	Northern Red Oak	Quercus rubra	FACU	10.5%			11.2%
4							
5							
6							
7							
8							
9							

94.0% =Total Cover

Shrub/Sapling Stratum Plot size 15'

	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant
1	Morrow's Honeysuckle	Lonicera morrowii	FACU	20.5%	X		46.1%
2	Glossy Buckthorn	Frangula alnus	FAC	10.5%	X	X	23.6%
3	Multiflora Rose	Rosa multiflora	FACU	10.5%	X		23.6%
4	Japanese Barberry	Berberis thunbergii	FACU	3.0%			6.7%
5							
6							
7							
8							
9							

44.5% =Total Cover

Herb Stratum Plot size 5'

	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant
1	Sensitive Fern	Onoclea sensibilis	FACW	10.5%	X	X	63.6%
2	Wild Geranium	Geranium maculatum	FACU	3.0%			18.2%
3	White Snakeroot	Ageratina altissima	FACU	3.0%			18.2%
4							
5							
6							
7							
8							
9							
10							
11							
12							

16.5% =Total Cover

VEGETATION – continued.

Woody Vine Stratum Plot size 30'

	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indictor?	% Dominant
1	Oriental Bittersweet	Celastrus orbiculatus	FACU	20.5%	X		50.0%
2	Eastern Poison Ivy	Toxicodendron radicans	FAC	20.5%	X	X	50.0%
3							
4							
				41.0%	=Total Cover		

Rapid Test:	Do all dominant species have an indicator status of OBL or FACW?			Yes	No X
Dominance Test:	Number of dominant species	Number of dominant species that are		Do wetland indicator plants make	
	8	5		Yes X	No
Prevalence Index:		Total % Cover	Multiply by:	Result	
	OBL species	0%	x1	=	0%
	FACW species	31%	x2	=	62%
	FAC species	94%	x3	=	282%
	FACU species	71%	x4	=	284%
	UPL species	0%	x5	=	0%
	Column Totals (A)	196%		(B)	628%
	Prevalence Index	B/A=	3.20	Is the Prevalence Index ≤ 3.0?	
				Yes	No X
Wetland vegetation criterion met?	**Yes**	**No** X			

Definitions of Vegetation Strata

Tree	Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
Shrub/Sapling	Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
Herb	All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
Woody vines	All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.00%
6-15 %	10.50%
15-25 %	20.50%
26-50 %	38.00%
51-75 %	63.00%
76-95 %	85.50%
96-100 %	98.00%

Sampling Point GCA-2

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Location[2]	Texture	Remarks
0-12"	10YR2/1	100					Sandy Loam	A
12-18"+	10YR7/1	100					Sandy Loam	Bw

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains [2]Location: PL=Pore Lining, M=Matrix

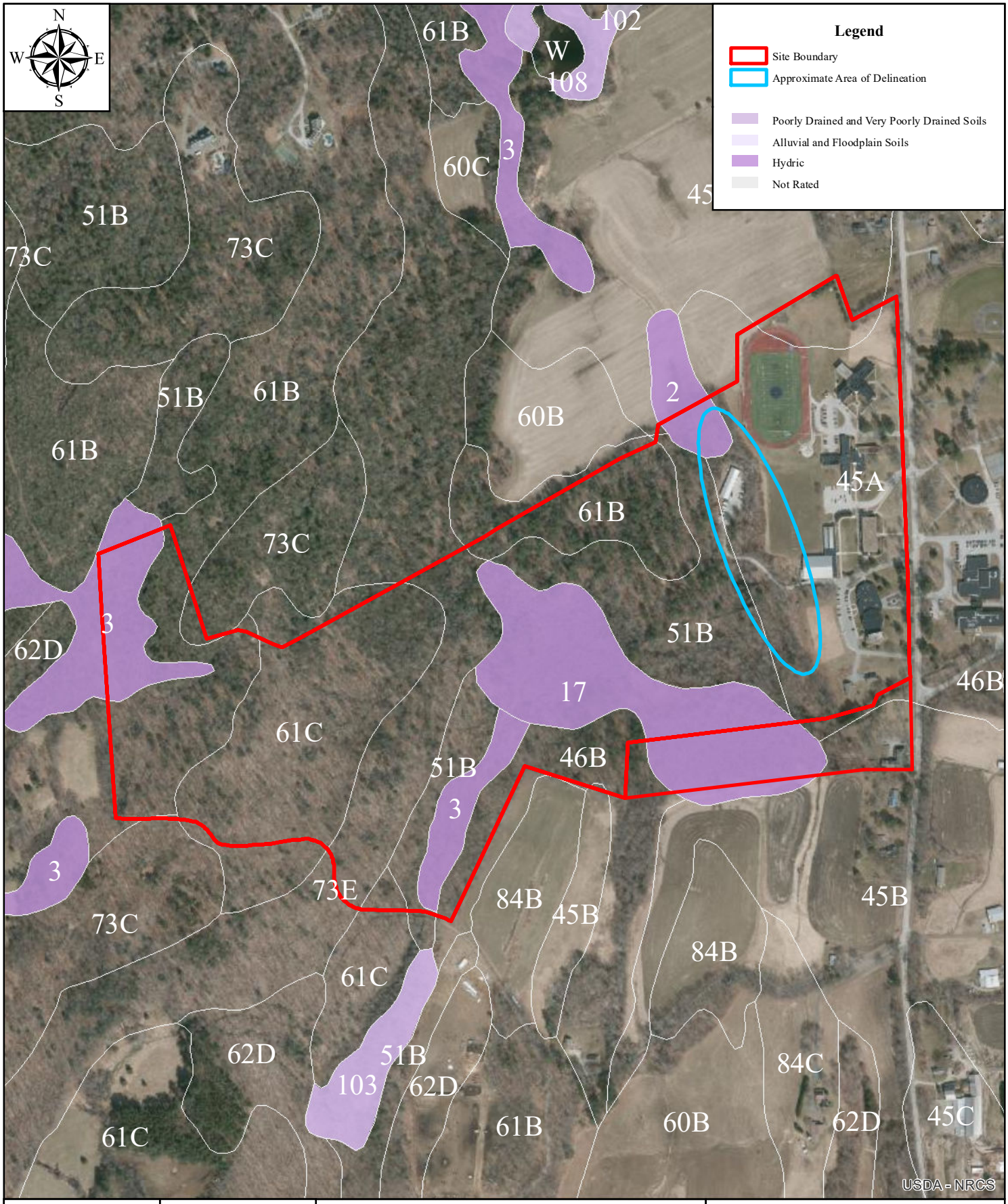
Hydric Soil Indicators (Check all that apply)		**Indicators for Problematic Hydric Soils**
___ Histosol (A1)	____ Sandy Redox (S5)	____ 2 cm Muck (A10)
___ Histic Epipedon (A2)	____ Stripped Matrix (S6)	____ 5 cm Mucky Peat or Peat (S3)
___ Black Histic (A3)	____ Polyvalue Below Surface (S8)	____ Dark Surface (S7)
___ Hydrogen Sulfide (A4)	____ Thin Dark Surface (S9)	____ Polyvalue Below Surface (S8)
___ Stratified Layers (A5)	____ Loamy Mucky Mineral (F1)	____ Thin Dark Surface (S9)
___ Depleted Below Dark Surface (A11)	____ Loamy Gleyed Matrix (F2)	____ Iron-Manganese Masses (F12)
___ Thick Dark Surface (A12)	X Depleted Matrix (F3)	____ Mesic Spodic (A17)
___ Sandy Mucky Mineral (S1)	____ Redox Dark Surface (F7)	____ Red Parent Material (F21)
___ Sandy Gleyed Matrix (S4)	____ Depleted Dark Surface (F8)	____ Very Shallow Dark Surface (TF12)
___ Dark Surface (S7)		____ Other (Include Explanation in Remarks)

Restrictive Layer (if observed) Type: Depth (inches):

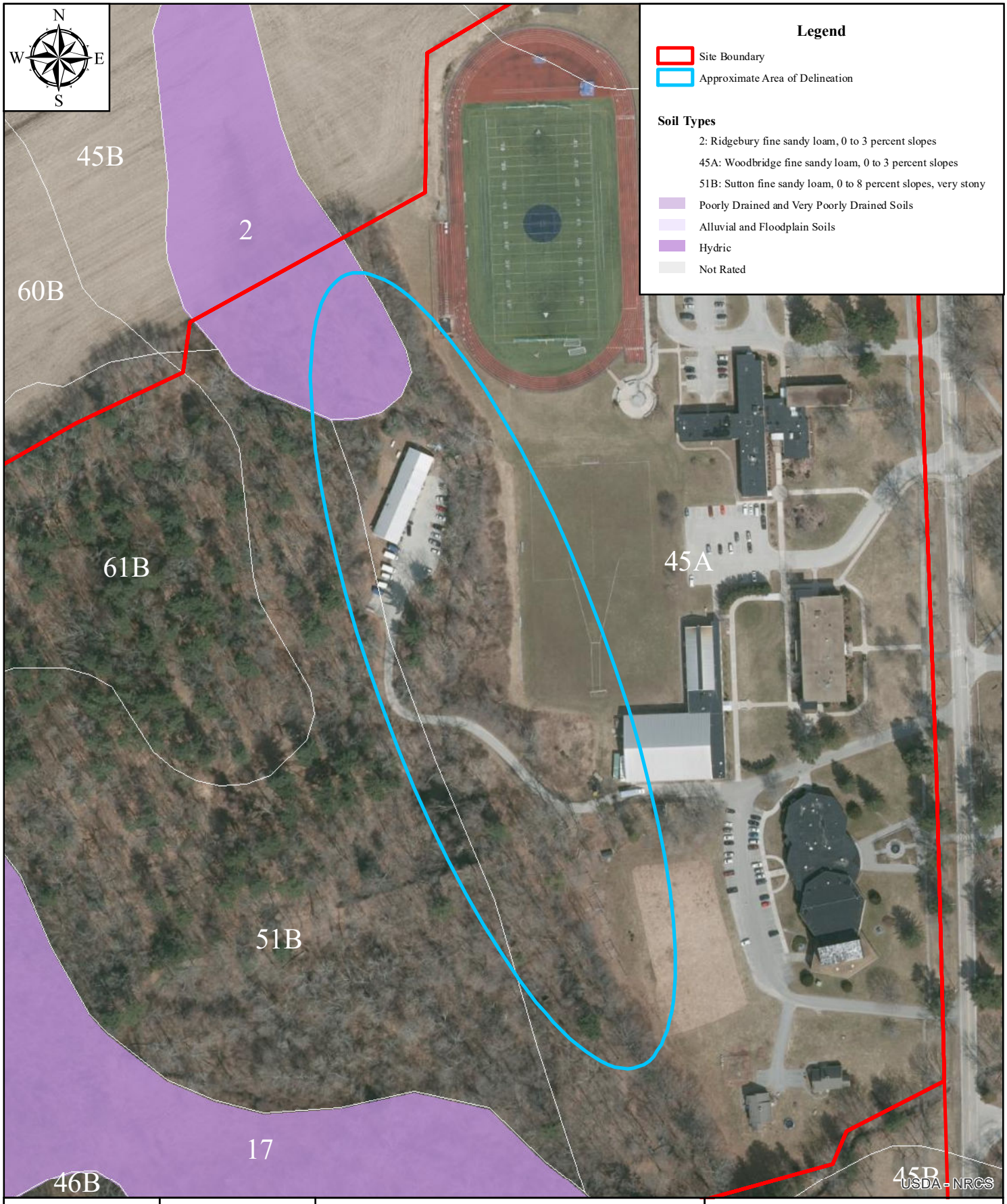
Remarks

Hydric Soils criterion met? **Yes** X **No**

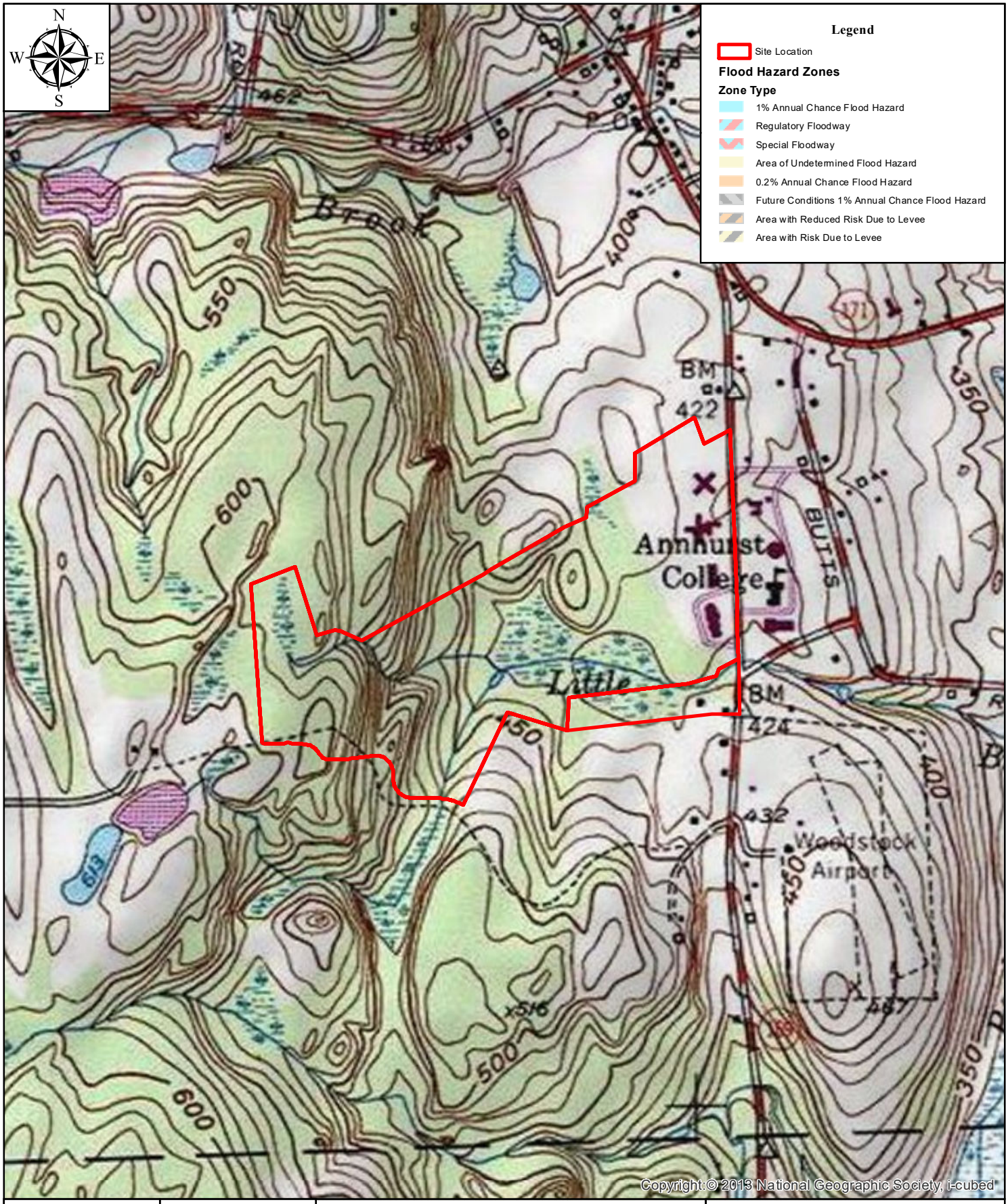
Date: 8/18/2023	GC Job Number: CT-017	USGS Locus	0 1,000 2,000 Feet
GODDARD CONSULTING Strategic Ecological Consulting		150 Rt. 169 Woodstock, CT 06281	1 in = 2,000 ft
			Figure 1



Date: 8/18/2023	GC Job Number: CT-017	Orthophoto & Soils Map	0 300 600 Feet
GODDARD CONSULTING Strategic Ecological Consulting		150 Rt. 169 Woodstock, CT 06281	1 in = 600 ft
			Figure 2

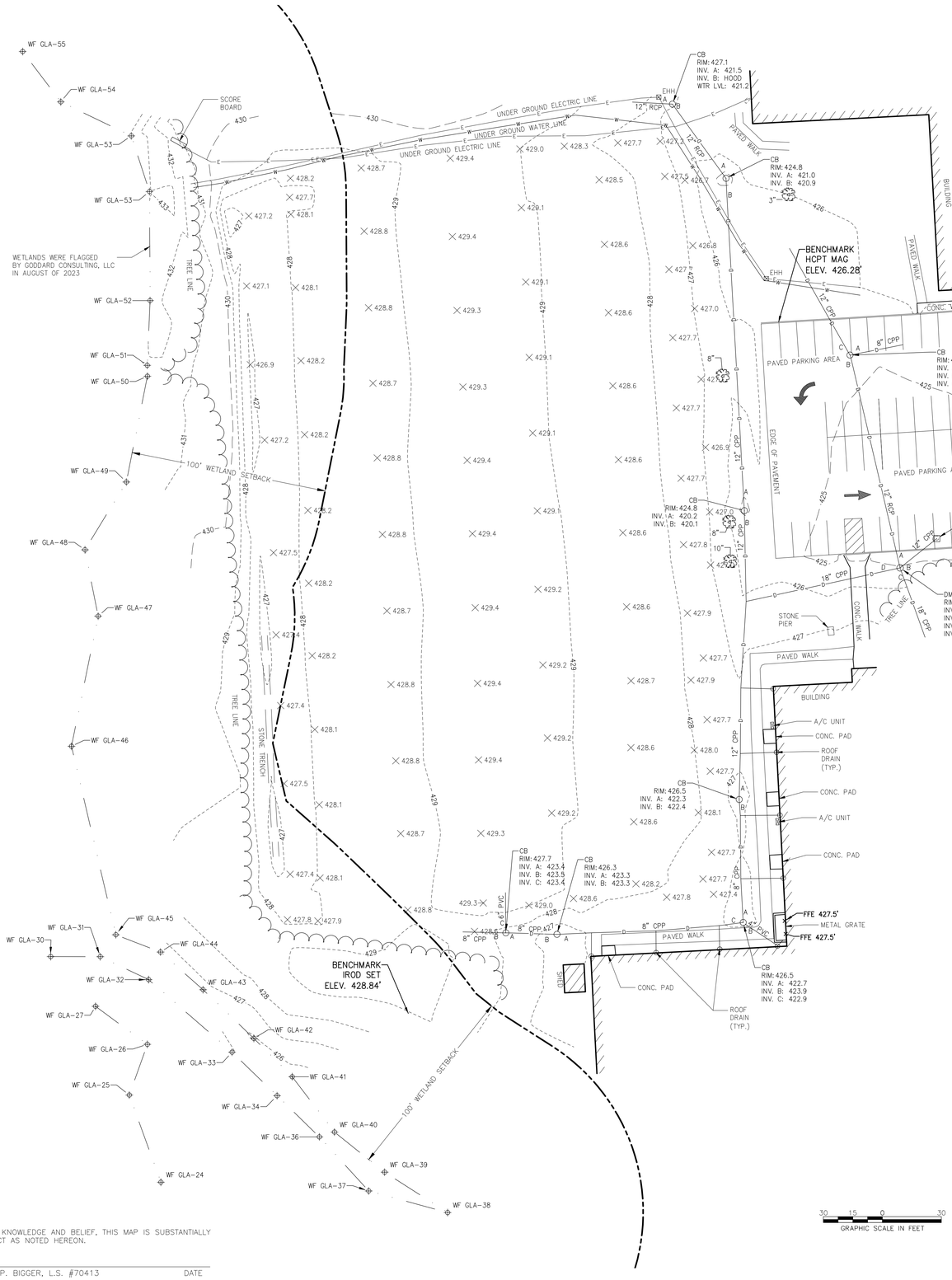


Date: 8/18/2023	GC Job Number: CT-017	Soils Map	0 100 200 Feet
GODDARD CONSULTING Strategic Ecological Consulting		150 Rt. 169 Woodstock, CT 06281	1 in = 200 ft
			Figure 3



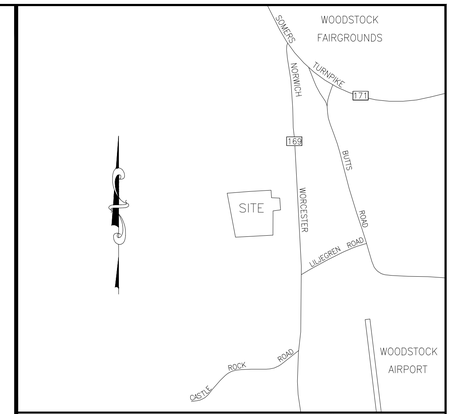
Date: 8/18/2023	GC Job Number: CT-017	FEMA Map	0 500 1,000 Feet
GODDARD CONSULTING Strategic Ecological Consulting		150 Rt. 169 Woodstock, CT 06281	1 in = 1,000 ft
			Figure 4

Date: 8/18/2023	GC Job Number: CT-017	NDDB Map	0 500 1,000 Feet
GODDARD CONSULTING Strategic Ecological Consulting		150 Rt. 169 Woodstock, CT 06281	1 in = 1,000 ft
			Figure 5



TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

CRAIG P. BIGGER, L.S. #70413 DATE



LOCATION MAP SCALE 1"=1000'

MAP REFERENCES

1. "TOPOGRAPHIC MAP PREPARED FOR HYDE SCHOOL AT SOUTH WOODSTOCK, INC. #124 ROUTE 169 WOODSTOCK, CT, EXISTING CONDITIONS", SCALE: 1"=40', DATE: FEB. 16, 2006, LAST REVISED 4/10/06, SHEET 1 OF 1, PREPARED BY CME ASSOCIATES, INC.

NOTES

1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS PREPARED AND ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996 AND AS AMENDED ON OCTOBER 26, 2018.

THE TYPE OF SURVEY PERFORMED IS A TOPOGRAPHIC SURVEY CONFORMING TO THE STANDARDS OF ACCURACY FOR A HORIZONTAL CLASS A-2 AND VERTICAL CLASS T-2 AND IS A RESURVEY OF THE SUBJECT PROPERTY.

THIS SURVEY WAS PREPARED TO DEPICT THE EXISTING CONDITIONS OF THE SUBJECT PROPERTY.

2. THE SUBJECT PARCEL WAS CONVEYED TO WOODSTOCK ACADEMY, THROUGH A CONVEYANCE DATED ON 6/15/2015, AND IS RECORDED IN VOLUME 623, PAGE 382 OF THE WOODSTOCK LAND RECORDS.

3. THE SUBJECT PROPERTY IS SHOWN ON THE WOODSTOCK TAX ASSESSOR MAP No. 6395 AS LOT 11 OF BLOCK 64 AND HAS BEEN ASSIGNED ADDRESS OF 150 ROUTE 169, WOODSTOCK, CONNECTICUT.

4. NORTH IS BASED ON CONNECTICUT STATE PLANE COORDINATE, NAD83 OBTAINED BY GPS OBSERVATIONS AT THE TIME OF THE SURVEY.

5. ELEVATIONS ARE BASED ON VERTICAL DATUM NAVD88.

6. TOTAL AREA OF PROPERTY = 119.01± ACRES

7. SITE IS LOCATED IN ZONE COMMUNITY DISTRICT.

8. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO CHA. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.

LEGEND

- TREE — DECIDUOUS TREE
- CB — ROUND CATCH BASIN
- CB — SQUARE CATCH BASIN
- MHST — STORM MANHOLE
- EHH — ELECTRIC HAND HOLE
- BUILDING LINE
- EDGE OF ASPHALT
- EDGE OF CONCRETE
- TREE LINE
- E — E — E — ELECTRIC LINE
- W — W — W — WATER LINE

APPROVED BY THE WOODSTOCK PLANNING & ZONING COMMISSION

APPLICATION: #_____

APPROVED ON: _____

CHAIRMAN OR SECRETARY SIGNATURE DATE

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SITE DEVELOPMENT PLAN PREPARED FOR:

WOODSTOCK ACADEMY

150 ROUTE 169, WOODSTOCK, CONNECTICUT

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Submittal / Revision	App'd.	By	Date

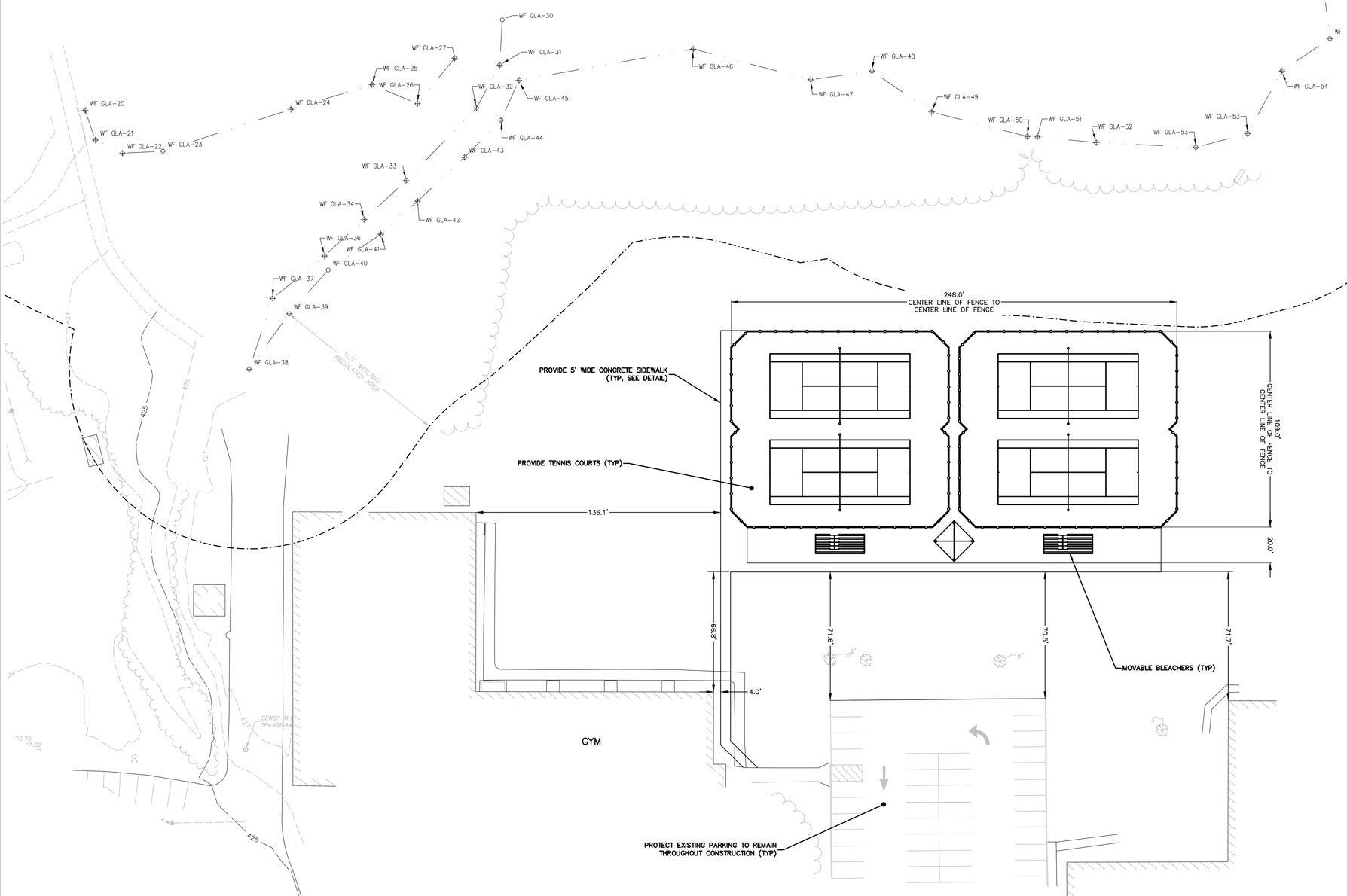
EXISTING CONDITIONS

Designed By:	Drawn By:	Checked By:
PMP	ZBC/PMP	CB/CEE
Issue Date:	Project No:	Scale:
12/11/2023	082795	1" = 30'

Drawing No.:

SHEET 1

DIMENSIONAL REQUIREMENTS COMMUNITY DISTRICT (NON–RESIDENTIAL / COMMERCIAL USE)		
ZONING CRITERIA	REQUIRED	PROVIDED
LOT AREA	1.25 AC	±119 AC
LOT FRONTAGE	150'	±1763'
LOT COVERAGE	50%	<10%
FRONT YARD SETBACK	60'	±97' (EXISTING NO CHANGE)
SIDE YARD SETBACK	40'	±75' (EXISTING NO CHANGE)
REAR YARD SETBACK	40'	>2,000' (EXISTING NO CHANGE)
BUILDING HEIGHT	35'	EXISTING NO CHANGE



LEGEND

PROPERTY LINE	
ABUTTERS LINE	
EDGE OF PAVEMENT	
EDGE OF GRAVEL	
EXISTING CONTOUR	425
LIMITS OF INLAND WETLANDS	WF 100
FENCE	X X X
TREE LINE	
OVERHEAD WIRES	O/H
NOW OR FORMERLY	N/F
UTILITY POLE	
BOUNDARY POINT	
IRON MONUMENT	
CONNECTICUT HIGHWAY DEPARTMENT MONUMENT(CHD)	

30 15 0 30
GRAPHIC SCALE IN FEET

APPROVED BY THE WOODSTOCK PLANNING & ZONING COMMISSION

APPLICATION: #_____

APPROVED ON: _____

CHAIRMAN OR SECRETARY SIGNATURE DATE

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WOODSTOCK, CONNECTICUT

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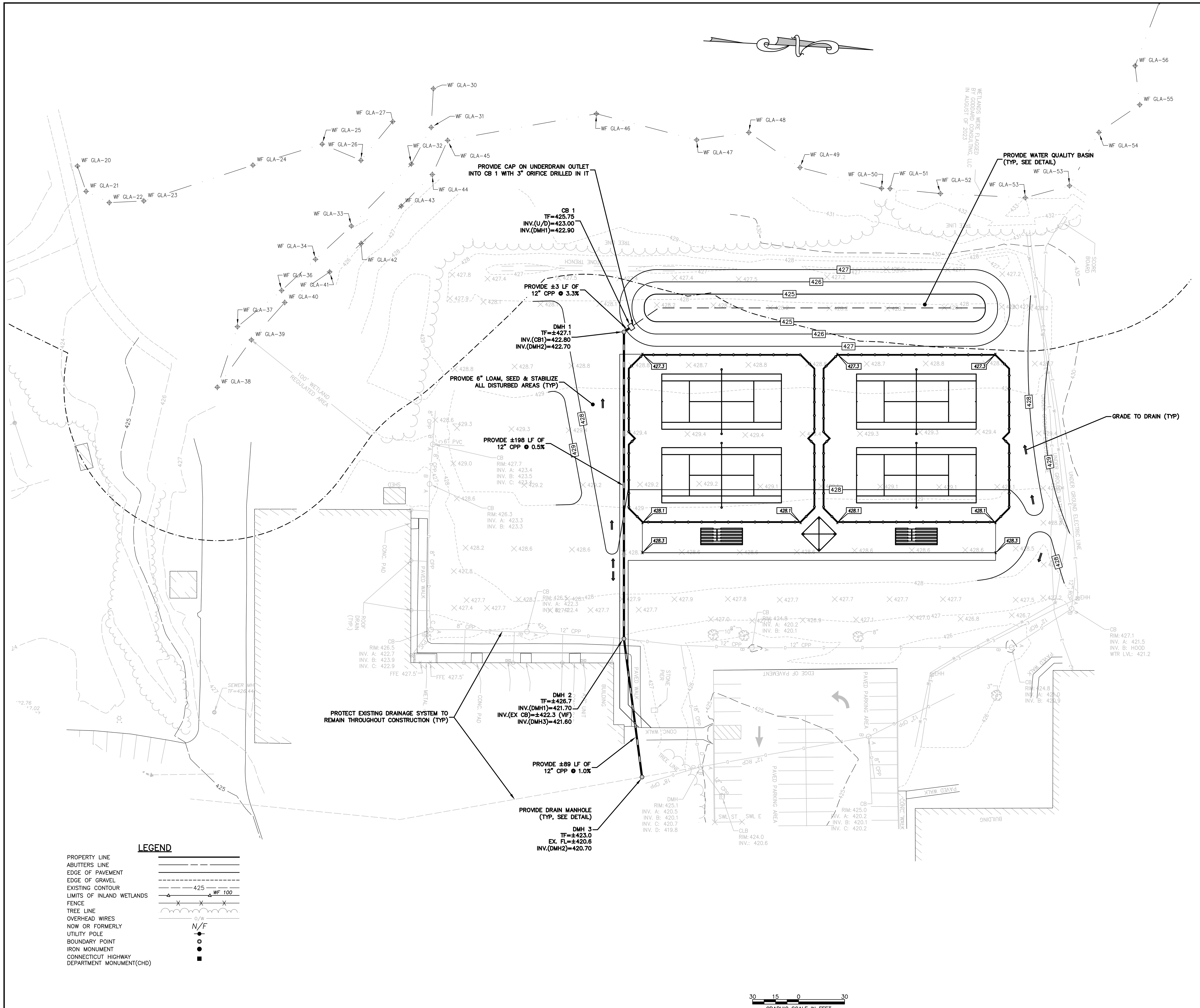
No.	Submittal / Revision	App'd	By	Date

SITE LAYOUT

Designed By:	Drawn By:	Checked By:
PMP	ZBC/PMP	CB/CEE
Issue Date:	Project No:	Scale:
12/11/2023	082795	1" = 30'

Drawing No.:

SHEET 2



LEGEND

PROPERTY LINE	
ABUTTERS LINE	
EDGE OF PAVEMENT	
EDGE OF GRAVEL	
EXISTING CONTOUR	425
LIMITS OF INLAND WETLANDS	WF 100
FENCE	
TREE LINE	
OVERHEAD WIRES	O/W
NOW OR FORMERLY	N/F
UTILITY POLE	
BOUNDARY POINT	
IRON MONUMENT	
CONNECTICUT HIGHWAY DEPARTMENT MONUMENT(CHD)	

APPROVED BY THE WOODSTOCK PLANNING & ZONING COMMISSION

APPLICATION: #________________

APPROVED ON:________________

CHAIRMAN OR SECRETARY SIGNATURE DATE

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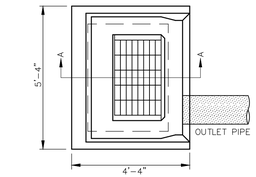
No.	Submittal / Revision	App'd.	By	Date

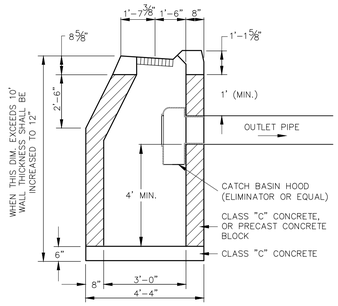
SITE GRADING & DRAINAGE

Designed By:	Drawn By:	Checked By:
PMP	ZBC/PMP	CB/CEE
Issue Date:	Project No:	Scale:
12/11/2023	082795	1" = 30'

Drawing No.:

SHEET 3

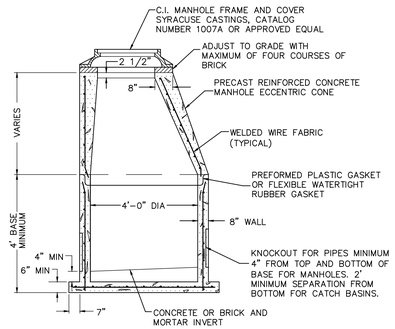




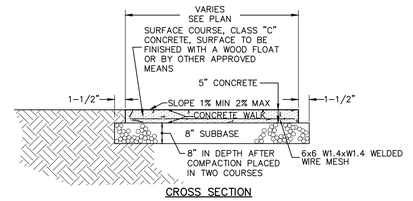
SECTION A–A

TYPE "C" CATCH BASIN
NOT TO SCALE

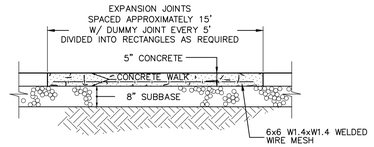
NOTE: ALL CATCH BASINS SHALL BE PROVIDED WITH A HOODED OUTLET.



DRAINAGE MANHOLE CROSS SECTION
NOT TO SCALE

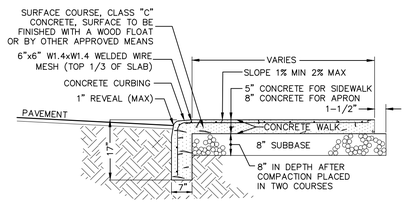


CROSS SECTION

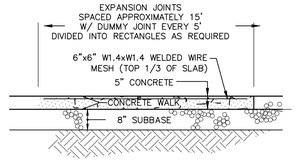


LONGITUDINAL SECTION

CONCRETE SIDEWALK
NOT TO SCALE

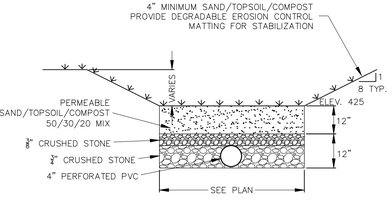


DEPRESSED CURB CROSS SECTION



LONGITUDINAL SECTION

CONCRETE SIDEWALK WITH MONOLITHIC CONCRETE CURBING
NOT TO SCALE



NOTES:

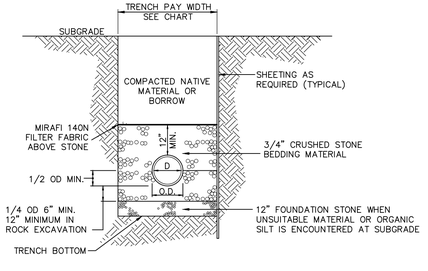
1.) SAND/TOPSOIL/COMPOST MIXTURE SHALL BE PLACED OVER THE ENTIRE WATER QUALITY BASIN FLOOR.

2.) SAND/TOPSOIL/COMPOST MIXTURE SHALL NOT BE COMPACTED AND THE ENTIRE WATER QUALITY BASIN SHALL BE PROTECTED FROM HEAVY EQUIPMENT TRAFFIC THROUGHOUT CONSTRUCTION.

2.) THE CONTRACTOR SHALL BE LIABLE FOR THE REPLACEMENT OF THE SAND/TOPSOIL/COMPOST MIXTURE IF E&S CONTROLS ARE NOT INSTALLED & MAINTAINED AS INDICATED.

WATER QUALITY BASIN
NOT TO SCALE

PIPE DIAMETER	MAXIMUM TRENCH WIDTH
6"	2'–6"
8"	3'–0"
10"	3'–0"
12"	3'–0"
15"	3'–3"
18"	3'–6"
21"	4'–0"
24"	4'–6"
30"	5'–0"



TRENCH SECTION FOR STORM DRAINS
NOT TO SCALE

APPROVED BY THE WOODSTOCK
PLANNING & ZONING COMMISSION

APPLICATION: #_____

APPROVED ON: _____

_____
CHAIRMAN OR SECRETARY SIGNATURE DATE

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SITE DEVELOPMENT PLAN
PREPARED FOR:

WOODSTOCK ACADEMY

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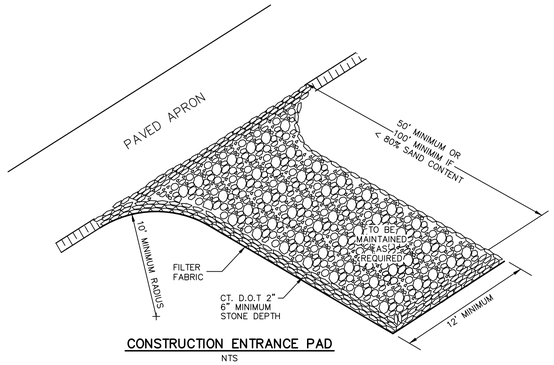
No.	Submittal / Revision	App'd.	By	Date

CONSTRUCTION DETAILS

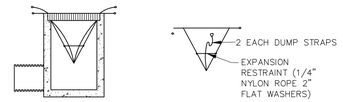
Designed By:	Drawn By:	Checked By:
PMP	ZBC/PMP	CB/CEE
Issue Date:	Project No:	Scale:
12/11/2023	082795	AS NOTED

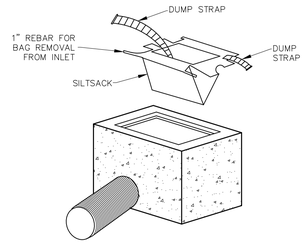
Drawing No.:

SHEET 5

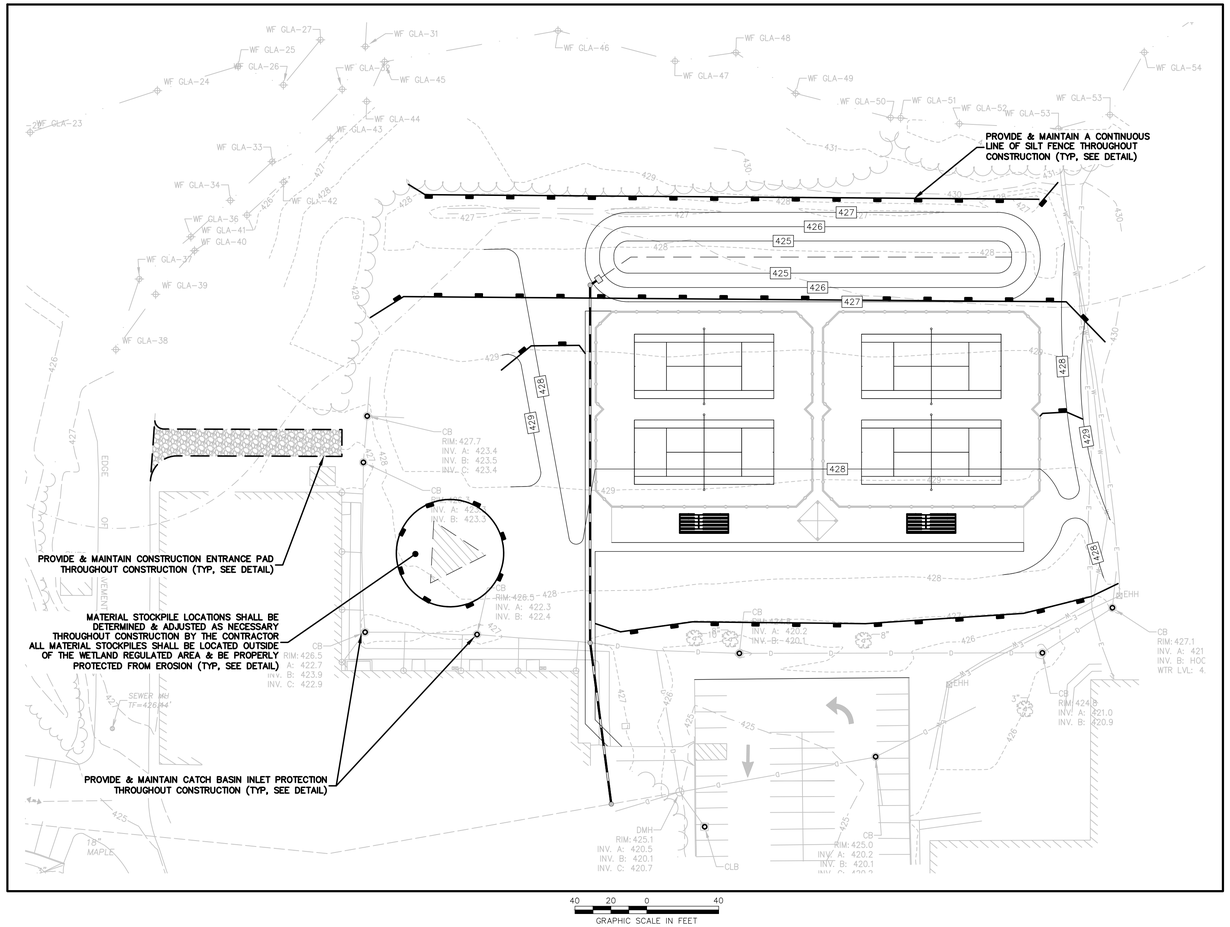


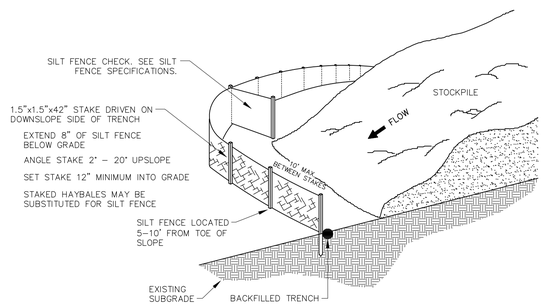
CONSTRUCTION ENTRANCE PAD
NTS



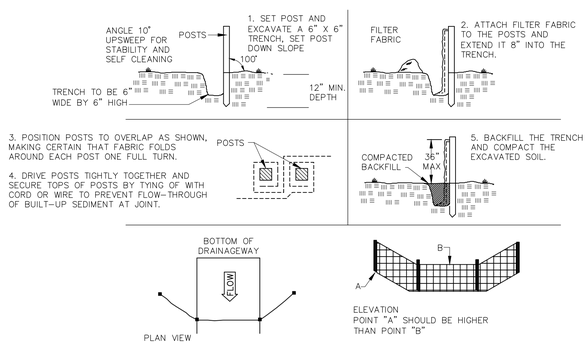


INLET SEDIMENT CONTROL DEVICE
NOT TO SCALE





SILT FENCE AT TOE OF SLOPE APPLICATION
NOT TO SCALE



PLACEMENT AND CONSTRUCTION OF A SILT FENCE
NOT TO SCALE

APPROVED BY THE WOODSTOCK
PLANNING & ZONING COMMISSION

APPLICATION: #_____

APPROVED ON: _____

_____
CHAIRMAN OR SECRETARY SIGNATURE DATE

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SITE DEVELOPMENT PLAN
PREPARED FOR:

WOODSTOCK ACADEMY

150 ROUTE 169,
WOODSTOCK, CONNECTICUT

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Submittal / Revision	App'd.	By	Date

EROSION & SEDIMENT CONTROL

Designed By:	Drawn By:	Checked By:
PMP	ZBC/PMP	CB/CEE
Issue Date:	Project No:	Scale:
12/11/2023	082795	AS NOTED

Drawing No.:

SHEET 6

EROSION AND SEDIMENTATION CONTROL NARRATIVE & NOTES

PROJECT NARRATIVE

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF NEW TENNIS COURTS ON THE ±119 ACRE WOODSTOCK ACADEMY SOUTH CAMPUS. THE LOCATION OF THE SITE IS ON THE WEST SIDE OF ROUTE 169 JUST NORTH OF THE INTERSECTION OF LILJEGREN ROAD. THIS PROJECT WILL CONSIST OF TENNIS COURTS, DRAINAGE PIPING AND STRUCTURES.

IT IS ANTICIPATED THAT APPROXIMATELY 2.9 ACRES OF THE 119 ACRE SITE WILL BE DISTURBED DURING THE CONSTRUCTION OF THE FACILITY.

THE PROJECT SHALL BE DEVELOPED IN A SINGLE PHASE, HOWEVER, DISTURBED AREAS SHALL BE STABILIZED AT MILESTONE POINTS DURING CONSTRUCTION. ALL WORK SHALL BE SCHEDULED SUCH THAT STABILIZATION COINCIDES WITH THE ABILITY TO VEGETATE DISTURBED AREAS, APRIL 1 THROUGH JUNE 15 AND AUGUST 15 THROUGH OCTOBER 1.

THIS PROJECT REQUIRES THE FOLLOWING PERMITS:
INLAND WETLANDS & WATERCOURSES (WORK IN REGULATED AREA)
PLANNING & ZONING SPECIAL PERMIT (SITE PLAN MODIFICATION)

ESTIMATED CONSTRUCTION SCHEDULE

A. INSTALL EROSION AND SEDIMENT CONTROL SYSTEMS – MAY 2024

B. ROUGH GRADE SITE – JUNE 2024

C. INSTALL STORMWATER AND UTILITY SYSTEMS – JULY 2024

D. CONSTRUCT TENNIS COURTS, ACCESS ROADWAYS & PARKING – AUGUST 2024

E. FINISH GRADE SITE AND INSTALL LANDSCAPING – SEPTEMBER 2024

GENERAL NOTES

A. ELEVATIONS ARE BASED ON NAVD88.

B. ALL UTILITIES SHALL BE APPROVED BY LOCAL UTILITY COMPANIES PRIOR TO CONSTRUCTION; ALL UTILITIES SHALL BE CONSTRUCTED TO UTILITY COMPANY SPECIFICATIONS.

C. ALL CONSTRUCTION SHALL BE TO TOWN SPECIFICATIONS & REGULATIONS.

D. NO CHANGES CAN BE MADE TO THESE PLANS WITHOUT THE TOWN'S APPROVAL.

E. CONTRACTOR SHALL OBTAIN ALL REQUIRED LOCAL & STATE PERMITS PRIOR TO BEGINNING ANY CONSTRUCTION.

F. FIELD CHANGES SHALL HAVE PRIOR APPROVAL OF THE TOWN.

G. CATCH BASIN TOPS SHALL NOT BE CEMENTED DOWN UNTIL FINAL GRADES ARE SET.

H. UNLESS OTHERWISE NOTED OR SPECIFIED, ALL ROADWAYS & STORM DRAINAGE SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STATE OF CONNECTICUT, D.O.T. "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818" AND ALL SUPPLEMENTS THERETO. SIMILARLY PERTINENT CONSTRUCTION DETAILS THAT ARE NOT INCLUDED WITH THESE DRAWINGS SHALL CONFORM TO THE STATE OF CONNECTICUT, D.O.T. STANDARD ROADWAY DRAWINGS.

I. CONTRACTOR SHALL NOTIFY THE TOWN OF CONSTRUCTION SCHEDULE SO THAT INSPECTION MAY BE PROVIDED.

J. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED ON PLANS HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY, FIELD MEASUREMENTS AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO CHA THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.

K. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 TWO (2) WORKING DAYS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.

SEEDING SPECIFICATIONS

A. IF GROUND HAS BEEN PREVIOUSLY MULCHED, MULCH MUST BE REMOVED OR ADDITIONAL NITROGEN MUST BE ADDED.

B. REMOVE ALL SURFACE STONES 2" OR LARGER AS WELL AS ALL DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, CLUMPS, OR OTHER UNSUITABLE MATERIAL.

C. APPLY FERTILIZER AT 7.5 POUNDS PER 1,000 SQUARE FEET AND LIME AT 200 POUNDS PER 1,000 SQUARE FEET UNLESS SOIL TESTING FOR REQUIREMENTS IS PERFORMED.

D. NO MOWING IS TO BE UNDERTAKEN UNTIL THE MAJORITY OF THE VEGETATION IS AT LEAST 6" HIGH. MOWING SHOULD CUT THE TOP 1/3 OF VEGETATION. DO NOT UNDER ANY CIRCUMSTANCES CUT VEGETATION BELOW 3".

E. DO NOT APPLY ANY FORM OF WEED CONTROL UNTIL GRASS HAS BEEN MOWED AT LEAST 4 TIMES.

F. THESE SEEDING MEASURES ARE NOT TO BE USED ON SLOPES IN EXCESS OF 2:1 GRADING.

G. PERMANENT SEEDING MEASURES ARE TO BE USED INSTEAD OF TEMPORARY SEEDING MEASURES WHERE WORK IS TO BE SUSPENDED FOR A PERIOD OF TIME LONGER THAN 1 YEAR.

H. IF THERE IS NO EROSION, BUT SEED SURVIVAL IS LESS THAN 100 PLANTS PER SQUARE FOOT AFTER 4 WEEKS OF GROWTH, RE-SEED AS PLANTING SEASON ALLOWS.

CONSTRUCTION SEQUENCE

A. STAKEOUT LIMIT OF DISTURBANCE.

B. HOLD A PRECONSTRUCTION MEETING.

C. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 TWO (2) WORKING DAYS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.

D. INSTALL THE CONSTRUCTION ENTRANCE.

E. INSTALL PERIMETER FILTER (SILT FENCE)

F. PERFORM ALL NECESSARY CLEARING AND GRUBBING OPERATIONS.

G. EXCAVATE & DISPOSE OF ALL STUMPS OFF SITE.

H. STRIP ALL TOPSOIL WITHIN THE FOOTPRINT OF THE CONSTRUCTION SITE. STOCKPILE ALL TOPSOIL IN AN APPROVED AREA AND SECURE WITH EROSION AND SEDIMENT CONTROLS.

I. ROUGH GRADE SITE.

J. PRIOR TO INSTALLATION OF SURFACE WATER CONTROLS SUCH AS TEMPORARY DIVERSIONS AND STONE DIKES, INSPECT EXISTING CONDITIONS TO ENSURE DISCHARGE LOCATIONS ARE STABLE. IF NOT STABLE, REVIEW DISCHARGE CONDITIONS WITH THE DESIGN ENGINEER AND IMPLEMENT ADDITIONAL STABILIZATION MEASURES PRIOR TO INSTALLING WATER SURFACE CONTROLS.

K. STABILIZE CUT AND FILL SLOPES.

L. INSTALL DRAINAGE SYSTEM.

M. CONSTRUCT TENNIS COURTS.

N. FINISH GRADE REMAINDER OF SITE.

O. PLACE TOPSOIL WHERE REQUIRED.

P. FINISH GRADE SIDE SLOPES, SEED AND MULCH.

Q. COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS.

R. ALL REMAINING EXPOSED AREAS SHALL BE LOAMED, SEEDED AND MULCHED OR SODDED WITHIN 14 DAYS OF FINAL GRADING.

S. AFTER SITE IS FULLY STABILIZED REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS.

T. CONTRACTOR TO REMOVE ANY ACCUMULATED SEDIMENT FROM DRAINAGE STRUCTURES OR BASINS.

NOTE: SEVERAL OF THE ABOVE ACTIVITIES MAY BE DONE SIMULTANEOUSLY.

SILT FENCE SPECIFICATIONS

A. SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER, ETHYLENE, OR SIMILAR FILAMENTS AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING MINIMUM REQUIREMENTS:

1. FILTERING EFFICIENCY	75 PERCENT (MIN)
2. GRAB TENSILE STRENGTH	100 POUNDS
3. ELONGATION AT FAILURE	15 PERCENT
4. MULLEN BURST STRENGTH	250 POUNDS PER SQUARE INCH
5. PUNCTURE STRENGTH	50 POUNDS
6. APPARENT OPENING SIZE	0.60mm< X <0.90mm
7. FLOW RATE	0.2 GALLONS PER SQUARE FOOT PER MINUTE
8. PERMITTIVITY	0.05 PER SECOND (MIN)
9. ULTRAVIOLET RADIATION STABILITY	70 PERCENT AFTER 500 HOURS OF EXPOSURE (MIN)

B. STAKES ARE TO BE MADE OUT OF HARDWOOD WITH A MINIMUM CROSS SECTIONAL AREA OF 1.5 SQUARE INCHES OR STEEL POSTS WITH A MINIMUM WEIGHT OF 0.5 POUNDS PER LINEAR FOOT.

C. TORN OR PUNCTURED GEOTEXTILES SHALL NOT BE USED.

D. ON SLOPES WHERE SURFACE FLOW FOLLOWS THE SILT FENCE LINE, PERPENDICULAR SILT FENCE CHECKS SHALL BE INSTALLED AT 50 FOOT INTERVALS.

E. LINES OF SILT FENCE SHOULD FOLLOW CONTOUR LINES 5-10 FEET DOWN GRADIENT FROM THE SLOPE. WHERE CONTOUR LINES CAN NOT BE FOLLOWED PERPENDICULAR WINGS SHOULD BE PLACED AT 50 FOOT INTERVALS.

EROSION & SEDIMENT CONTROL OPERATIONS AND MAINTENANCE

A. EROSION AND SEDIMENTATION CONTROL AND RESTORATION MEASURES SHALL CONFORM TO THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL", PUBLISHED BY THE CONNECTICUT COUNCIL OF SOIL AND WATER CONSERVATION AND THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION; AND TO TOWN REGULATIONS.

B. INSTALLATION OF SEDIMENT AND EROSION CONTROLS SUCH AS WATTLES AND SILT FENCES SHALL BE ESTABLISHED PRIOR TO COMMENCING ANY LAND DISTURBANCE ACTIVITIES.

C. ALL STOCKPILED MATERIAL SHALL BE RINGED WITH WATTLES OR SILT FENCES. ANY MATERIAL TO BE STOCKPILED LONGER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING OR JUTE NETTING.

D. PAVEMENT AND CURBING SHOULD BE INSTALLED AS SOON AS POSSIBLE AFTER STORM DRAINAGE IS INSTALLED.

E. CATCH BASINS SHALL BE PROTECTED FROM SEDIMENTATION UNTIL ALL AREAS ARE PERMANENTLY VEGETATED OR STABILIZED.

F. CATCH BASIN SUMPS SHALL BE CLEANED OF SILT PERIODICALLY DURING CONSTRUCTION.

G. WATTLES OR SILT FENCE SHALL BE PLACED 5-10 FEET FROM THE TOE OF ALL CRITICAL SLOPES AS SHOWN ON THE PLAN. THESE SHALL BE CHECKED BY THE CONTRACTOR REGULARLY AND REPAIRED WHENEVER THEY FAIL TO ENSURE CLEAN RUN-OFF FROM THE SITE.

H. ADDITIONAL CONTROL MEASURES IF REQUESTED BY THE TOWN SHALL BE INSTALLED IMMEDIATELY UPON REQUEST.

I. ALL DISTURBED AREAS SHALL BE PROTECTED WITH A MINIMUM VEGETATION COVER AS SHOWN IN ACCOMPANYING CHART.

J. THE CONTRACTOR SHALL PLAN ALL LAND DISTURBING ACTIVITIES IN A MANNER AS TO MINIMIZE THE EXTENT OF THE DISTURBED AREAS.

K. THE CONTRACTOR SHALL MAKE DAILY INSPECTIONS OF THE SITE TO INSURE EFFECTIVENESS OF EROSION AND SEDIMENTATION CONTROL MEASURES AND WILL IMMEDIATELY MAKE NECESSARY REPAIRS IF REQUIRED BY THE TOWN.

L. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED AT A MINIMUM OF ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.1 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS.

M. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REPLACED WITHIN 24 HOURS OF AN OBSERVED FAILURE.

N. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND LEAVE BY THE DESIGNATED ENTRANCE. THIS ENTRANCE SHALL BE CONSTRUCTED OF CRUSHED STONE TO HELP FREE TIRES OF SOIL WHEN LEAVING THE SITE. THE CONTRACTOR SHALL INSTRUCT ALL VEHICLE DRIVERS TO CLEAN SOIL MATERIAL FROM TIRES IN FRONT OF THE SITE. ALL SOIL, MISCELLANEOUS DEBRIS, OR OTHER MATERIAL SPILLED, DUMPED OR OTHERWISE DEPOSITED ON PUBLIC STREETS, HIGHWAYS, SIDEWALKS OR OTHER PUBLIC THOROUGHFARES DURING TRANSIT TO OR FROM THE SITE SHALL BE REMOVED PROMPTLY.

O. THE CONTRACTOR HEREBY ACKNOWLEDGES HIS RESPONSIBILITY TO INSTALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ON THIS SITE AND THAT HIS FAILURE TO INSTALL AND MAINTAIN THESE DEVICES COULD RESULT IN FINES OR SUSPENSION OF WORK BY THE CITY/TOWN.

P. MINIMIZE OR ELIMINATE ANY UNNECESSARY LAND DISTURBANCE OR CLEARING.

PERSON RESPONSIBLE FOR MAINTAINING
CONTROL MEASURES DURING CONSTRUCTION.

NAME _____

ADDRESS _____

TELEPHONE # _____

MAINTENANCE LOG

LOCATION	DESCRIPTION	DATE	INITIALS

PROJECT DATES DATE INITIALS

PROJECT GROUNDBREAKING

FINAL STABILIZATION

STORMWATER OPERATION AND MAINTENANCE

STORMWATER FACILITY
OPERATION AND MAINTENANCE PLAN:

CONSTRUCTION PHASE

GENERAL PROVISIONS:

1. CONTRACTOR TO INSTALL AND MAINTAIN DRAINAGE FACILITIES AS SHOWN ON THE PLAN SET.
2. PRIOR TO CONSTRUCTION, ALL EROSION/SILTATION CONTROL DEVICES SHOWN ON THE PLAN SHALL BE INSTALLED. TO PREVENT SILT INTRUSION INTO THE DRAINAGE SYSTEM DURING CONSTRUCTION, THE CONTRACTOR IS TO INSTALL INLET PROTECTION AT ALL CATCH BASINS AND SET SILT FENCE AT ALL SLOPES WHICH MAY ERODE IN THE DIRECTION OF ANY OPEN DRAINAGE FACILITIES. SUCH PREVENTIVE MEASURES ARE TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
3. EROSION CONTROLS ARE TO BE INSPECTED ON A DAILY BASIS. UPON DISCOVERY, THE CONTRACTOR SHALL REMOVE ANY SEDIMENT FROM AN EROSION CONTROL STRUCTURE.
4. ALL EXPOSED SOILS SHALL BE IMMEDIATELY STABILIZED TO PREVENT EROSION.
5. UPON INSTALLATION OF CATCH BASINS, INLET PROTECTION SHALL BE INSTALLED AND MAINTAINED UNTIL READY FOR PAVING.
6. PRIOR TO CONSTRUCTION OF IMPERVIOUS AREAS, ALL DRAINAGE STRUCTURES AND PIPES SHALL BE INSTALLED AND INSPECTED FOR PROPER FUNCTION. DURING CONSTRUCTION OF OTHER SITE FEATURES, DRAINAGE FACILITIES SHALL BE INSPECTED ON A DAILY BASIS AND CLEANED/REPAIRED IMMEDIATELY UPON DISCOVERY OF SEDIMENT BUILD-UP OR DAMAGE.
7. AFTER PAVING IS INSTALLED, IT SHALL BE SWEPT CLEAN ON A MONTHLY BASIS.

CATCH BASIN SUMPS:

1. CONTRACTOR TO INSPECT WEEKLY OR AFTER EACH 0.5 INCH RAIN EVENT AND CLEAN AS NEEDED.
2. CONTRACTOR SHALL CLEAN SUMPS AFTER SITE IS COMPLETELY STABILIZED AND PRIOR TO TRANSFER TO OWNER.

WATER QUALITY BASIN:

1. WATER QUALITY BASIN UNDERDRAIN SHALL NOT BE INSTALLED UNTIL CONTRIBUTING DRAINAGE AREAS ARE VEGETATED OR OTHERWISE STABLE & ANY ACCUMULATED SEDIMENT HAS BEEN REMOVED AND DISPOSED OF.
2. CONTRACTOR TO INSPECT WEEKLY OR AFTER EACH 0.5 INCH RAIN EVENT.
3. INSPECTIONS SHOULD FOCUS ON THE DURATION OF STANDING WATER IN THE BASIN. (PONDING AFTER 48 HOURS INDICATES POSSIBLE CLOGGING OF THE BOTTOM OF THE BASIN)
4. CONTRACTOR SHALL CLEAN INSPECT DETENTION SYSTEM AFTER SITE IS COMPLETELY STABILIZED AND PRIOR TO TRANSFER TO OWNER.

POST-DEVELOPMENT PHASE

FOLLOWING ACCEPTANCE OF THE PROJECT FROM THE CONTRACTOR, THE OWNER SHALL BE RESPONSIBLE FOR ALL POST-DEVELOPMENT INSPECTIONS, OPERATION & MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM AS DETAILED BELOW:

GENERAL PROVISIONS:

SNOW STOCKPILING:

SNOW ACCUMULATIONS REMOVED FROM STREETS AND PARKING LOTS SHALL BE PLACED IN UPLAND AREAS, WHERE SAND AND DEBRIS WILL REMAIN AFTER SNOW MELT FOR LATER REMOVAL. CARE SHOULD BE TAKEN NOT TO DEPOSIT SNOW IN THE IMMEDIATE VICINITY OF CATCH BASINS, DRAINAGE SWALES, OR SLOPES LEADING TO BODIES OF WATER, AND DRINKING WATER WELL SUPPLIES.

PAVEMENT SWEEPING:

STREETS AND PARKING LOTS SHOULD BE SWEPT CLEAN AT LEAST TWICE ANNUALLY, WITH ONE SWEEPING PREFERABLY OCCURRING IMMEDIATELY AFTER WINTER SNOW MELT AND BEFORE SPRING RAINS. SWEEPING DURING THIS PERIOD CAPTURES PEAK SEDIMENT LOADS AND EXTENDS THE SERVICE LIFE OF THE STORM WATER MANAGEMENT SYSTEM.

CATCH BASIN SUMPS:

CATCH BASINS SHALL BE INSPECTED BI-ANNUALLY AND CLEANED AT LEAST ANNUALLY, AFTER THE SNOW AND ICE SEASON, AND AS SOON AS POSSIBLE BEFORE SPRING RAINS. IN GENERAL, A CATCH BASIN SHOULD BE CLEANED IF THE DEPTH OF DEPOSITS IS GREATER THAN ONE HALF THE SUMP DEPTH. IF A CATCH BASIN SIGNIFICANTLY EXCEEDS THIS STANDARD THEN MORE FREQUENT CLEANINGS SHALL BE SCHEDULED. IN AREAS WITH HIGHER POLLUTANT LOADINGS OR DISCHARGES INTO SENSITIVE BODIES OF WATER, MORE FREQUENT CLEANINGS WILL BE NECESSARY.

WATER QUALITY BASIN

WATER QUALITY BASIN SHALL BE INSPECTED AT LEAST TWICE ANNUALLY AND AFTER ALL MAJOR STORMS TO ENSURE THAT IT IS OPERATING AS INTENDED. PRETREATMENT BMP'S SHALL BE INSPECTED AND CLEANED DURING THE REGULAR BI-ANNUAL INSPECTIONS. POTENTIAL PROBLEMS THAT SHOULD BE CHECKED INCLUDE:

- PONDING
- EROSION
- CLOGGING OF INLET AND OUTLET PIPES

ANY NECESSARY REPAIRS SHALL BE MADE IMMEDIATELY. TRASH SHALL BE REMOVED AND THE BANKS, OF BASINS, MOWED AT LEAST TWICE PER YEAR. (MOWING SHOULD BE PERFORMED WHEN GROUND IS DRY TO AVOID RUTS AND COMPACTION) SEDIMENT SHALL BE REMOVED FROM THE BASIN AND PRETREATMENT AREA AS NECESSARY, AND AT LEAST ONCE EVERY FIVE YEARS.

APPROVED BY THE WOODSTOCK
PLANNING & ZONING COMMISSION

APPLICATION: #_____

APPROVED ON: _____

_____
CHAIRMAN OR SECRETARY SIGNATURE DATE

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CHA
400 Capital Boulevard, Suite 301
Rocky Hill, CT 06067
860-257-4557 | www.chacompanies.com

SITE DEVELOPMENT PLAN
PREPARED FOR:

WOODSTOCK ACADEMY

150 ROUTE 169,
WOODSTOCK, CONNECTICUT

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Submittal / Revision	App'd.	By	Date

CONSTRUCTION DETAILS

Designed By:	Drawn By:	Checked By:
PMP	ZBC/PMP	CB/CEE
Issue Date:	Project No:	Scale:
12/11/2023	082795	AS NOTED

Drawing No.:

SHEET 7

EROSION & SEDIMENT CONTROL BOND ESTIMATE

Woodstock Academy
South Campus Tennis Courts
Woodstock, CT
December 11, 2023

Item No.	Description	Units	Quantity	Unit Cost	Total
	Erosion & Sediment Controls				
1	Tracking Pad	L.S.	1	$ 1,500.00	$ 1,500.00
2	Silt Fence	L.F.	1,200	$ 5.00	$ 6,000.00
3	Catch Basin Inlet Protection	EA	9	$ 500.00	$ 4,500.00

Sub-Total	**$**	**12,000.00**
10% Contingency	**$**	**1,200.00**
Total Bond Amount	**$**	**13,200.00**

DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6552
POSITION EDGE OF PRINT ON THIS LINE

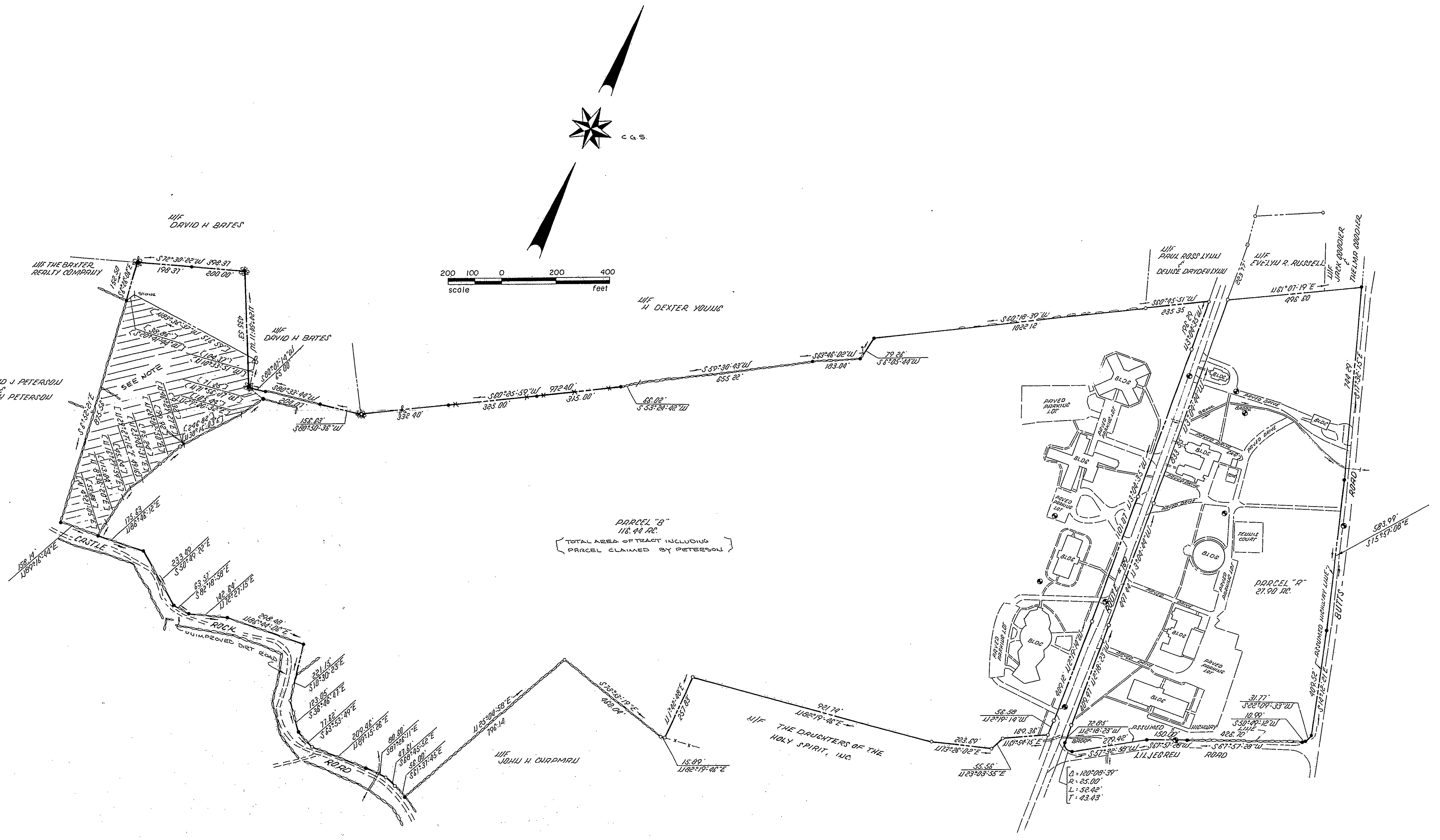
DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6552
POSITION EDGE OF PRINT ON THIS LINE

DRAWING NUMBER 724

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6552
POSITION EDGE OF PRINT ON THIS LINE

DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6552
POSITION EDGE OF PRINT ON THIS LINE

724



NOTE

THE SHADED PARCEL IS THAT LAND CLAIMED BY RAYMOND J. PETERSON & GEORGE H. PETERSON. THIS PARCEL CONTAINS 7.4 ACRES. THE EASTERLY AND NORTHERLY BOUNDARIES OF THE SHADED PARCEL ARE SHOWN [IN BRACKETS] AND ARE AS POINTED OUT BY THE PETERSONS ON THE SITE 6-25-1981.

Received July 1, 1981 at 12:50 P.M.
Attest: H. Veronica Hibbard, Town Clerk

LEGEND

- CHD MONUMENT FOUND
- IRON PIN FOUND
- IRON PIN SET
- STONE WALL
- WIRE FENCE
- STONE PILE
- SANITARY SEWER MANHOLE

I HEREBY CERTIFY THAT THIS MAP AND SURVEY WERE PREPARED IN ACCORDANCE WITH THE STANDARDS OF A CLASS A2 SURVEY AS DEFINED IN THE CODE OF PRACTICE FOR STANDARDS OF ACCURACY OF SURVEYS AND MAPS, ADOPTED DECEMBER 10, 1975 AS AMENDED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC

Robert Kieltyka
ROBERT KIELTYKA
CONN REG NO 6399

REVISED 6/25/81

PLAN OF LAND OF
ANNHURST COLLEGE OF SOUTH WOODSTOCK
BUTTS ROAD, LILJEGREN ROAD, ROUTE 169
& CASTLE ROCK ROAD
WOODSTOCK, CONNECTICUT

KIELTYKA, WOODIS & PIKE
LAND SURVEYORS — KILLINGLY, CONNECTICUT

SCALE 1" = 200' — JOB NO 80/55 — SHEET 1 OF 1 — DWG NO 2/721
DATE 10/3/1980 — FB NO 259

0 INCHES 1 2 3 4

Watershed or Aquifer Area Project Notification Form

REQUIREMENT:

Within seven days of filing, all applicants before a municipal Zoning Commission, Planning and Zoning Commission, Zoning Board of Appeals or Inland Wetlands Commission for any project located within a public water supply aquifer or watershed area are reguired by Public Act No. 06-53 of the CT General Statutes to notify The Commissioner of Public Health and the project area Water Company of the proposed project by providing the following information.

To determine if your project falls within a public water supply aquifer or watershed area visit the appropriate town hall and look at their *Public Drinking Water Source Protection Areas* map. If your project falls completely within or contain any part of a public water supply aquifer or watershed you are required to complete the following information.

Note: You will need information obtained from the *Public Drinking Water Source Protection Areas* map located in the appropriate town hall to complete this form.

Step 1: Have you already notified the CT Department of Public Health (CTDPH) of this project?

☑ No, Go to Step 2

☐ Yes, I have notified DPH under a different project name - Complete steps 4-6

☐ Yes, same name different year - Notification Year ☐ Complete steps 4-6

Step 2:

1. Name of public water supply aquifer your project lies within:
2. Name of the public water supply watershed your project lies within: Putnam Little River Diversion
3. Public Water Supply Identification number (PWSID) for the water utility: CT1160011

Step 3: For 1-5 Check all that apply

1. My project is proposing:

☐ Industrial use; ☐ Commercial use; ☐ Agricultural use; ☐ Residential use;

☐ Recreational use; ☐ Transportation improvements; ☑ Institutional (school, hospital, nursing home, etc.);

☐ Quarry/Mining; ☐ Zone Change, Please Describe:

☑ Other, Please describe: New Tennis Courts

2. The total acreage of my project is:

☑ Less than or equal to 5 acres ☐ Greater than 5 acres

3. My project site contains, abuts or is within 50 feet of a:

☑ Wetland; ☑ Stream; ☐ River; ☐ Pond or Lake

4. Existing use of my project site is:

☐ Grassland/meadow; ☐ Forested; ☐ Agricultural; ☐ Transportation; ☐ Institutional (school, hospital, nursing home, etc.); ☐ Residential; ☐ Commercial; ☐ Industrial; ☑ Recreational; ☐ Quarry/Mining

☐ Other Please Describe: Existing Soccer Fields

5. My project will utilize:

☐ septic system; ☑ existing public sewer; ☐ new public sewer; ☐ agricultural waste facility;

☐ existing private well; ☐ new private well; ☑ existing public water supply;

☐ new public water supply, if new have you applied for a certificate of public convenience and necessity from DPH? ☐ Yes ☐ No

6. My project will contain this percentage of built up area (buildings, parking, road/driveway, pool): ☑ Less than or equal to 20% ☐ Greater than 20% to 50% ☐ Greater than 50%

Step: 4 Applicants Contact Information:

Name: Woodstock Academy

E-mail address: csandford@woodstockacadem

Telephone: 860-928-6575

Fax number:

Step 5: Please provide the following if available:

Project name: South Campus Tennis Courts

Project site address: 150 Route 169

Town: Woodstock

Project site nearest intersection: Liljegren Road

Project site latitude and longitude: 41.926722,-71.958285

E-mail completed form to dph.swpmail@ct.gov