Environmental Land Solutions, LLC

Landscape Architecture & Environmental Planning
8 Knight Street, Suite 203, Norwalk, CT 06851
Tel: (203) 855-7879 Fax: (203) 855-7836

June 23, 2021

Inland Wetlands Commission
Town Hall Annex
238 Danbury Road
Wilton, CT 06897

Re: Significant Corrective Action Permit Application
230 Ridgefield Road, Wilton, CT

Dear Commission Members:

Following comments received at the Wetland Commission's June 10, 2021 meeting, the following responses are provided.

1. The exposed soil condition around the demolished house was requested to be seeded, and mulched and a silt fence erected. I meet the site contractor the day after the meeting to review this work. The area was seeded, mulched and a silt fence erected the following day. The Commission and staff noted at the June 21, 2021, site walk that the work had been completed and the seeds had begun to germinate.

2. There was a question raised by staff on the effect of the wood chip trail on the flood plain. I have attached an email from Joe Canas, P.E. stating "Since the path will be constructed such that the woodchips are at existing grade, there will be no impact." A detail of the woodchip surface is on sheet WP-6.

3. The staff raised a question regarding the wetland's line adjustment made by Eric Davidson. To help clarify this item I have resubmitted the wetland report with the wetland field sketch previously lacking, that provides the references adjustment in the wetland line. In addition, during the site walk on 6/21/21 the area was reviewed and I had a follow-up phone call with the staff. I believe we have addressed staff's concern. The survey has not been updated in part due to the back log of surveying work, but the applicant is willing to do this as a part of final resolution.

4. Regarding the authorization from the neighbor for the dam work off the Smith property. Authorization was obtained by Trout Unlimited and provided to Mike Conkin on June 21, 2021, during the site walk.

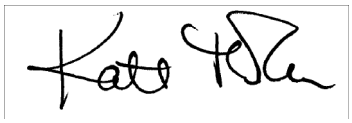
5. The staff also requested we consider expanding the proposed planting plan in the northwestern wetland. The plan was revised to reflect additional shrubs and Yellow Birch within the wetland. Please refer to sheet WP-4.

6. The staff asked that we clarify the establishment of a 4' wide foot path to School Road. A note has been expanded to the plans to clarify that this pathway will only involve branch trimming to allow a person to walk through an opening in the vegetation. There will be no change to the ground surface to create this path. Please refer to sheet WP-3.

7. The staff requested that additional details and notes be added relating to the dam removal. Erosion and control notes have been expanded to clarify the area must be left with all areas stabilized, no soil will remain exposed, and that if any trees or shrubs are damaged during the removal that it they are replaced on a one to one basis. Please refer to sheet WP-5.

Thank you for consideration. I will be attending at the next meeting to review these changes in detail.

Sincerely,



Kate Throckmorton, ASLA
Landscape Architect
Certified Professional in Erosion and Sedimentation Controls (CPESC)

Ridgefield Road 230-wilton-ltr.wpd

PROPERTY ADDRESS
230 RIDGEFIELD ROAD
WILTON, CONNECTICUT

TOTAL AREA = 20.486 ± ACRES

NOTES

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20–300b–1 THROUGH 20–300b–20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES – "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.

HORIZONTAL ACCURACY STANDARD – CLASS A–2.

TOPOGRAPHIC MAPPING STANDARD – CLASS T–3.

ELEVATION DATUM – MEAN SEA LEVEL (NGVD 29).

BOUNDARY DETERMINATION/OPINION IS BASED UPON A RESURVEY.
–LOT LINES ARE ORIGINAL SURVEY.

REFERENCE IS MADE TO MAPS #2259, #2429, anf #2959 WILTON LAND RECORDS.

REFERENCE IS MADE TO "PROPERTY SURVEY OF #230 RIDGEFIELD ROAD PREPARED FOR ESTATE OF DAVID F. GOODNOW, WILTON , CONNECTICUT OCTOBER 9, 2003, BY WILLIAM W. SEYMOUR AND ASSOCIATES, P.C".

PROPERTY LOCATED IN R–2A RESIDENCE ZONE.

NOTES

INLAND WETLAND LINES NUMBERED 1–132, DELINEATED BY ENVIRONMENTAL PLANNING SERVICES, W. HARTFORD, CONNECTICUT, ERIC DAVIDSON REGISTERED SOIL SCIENTIST.

INLAND WETLAND LINES NUMBERED 201–220, DELINEATED BY SOIL & WETLAND SCIENCE, LLC, NORWALK, CONNECTICUT, OTTO R THEALL, PROFESSIONAL SOIL SCIENTIST.

100–YEAR FLOOD LINES TRANSCRIBED FROM FLOOD INSURANCE RATE MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. REFERENCE IS MADE TO COMMUNITY PANEL NUMBER 090020 0003 B DATED NOVEMBER 17, 1982 AND COMMUNITY PANEL NUMBER 090020 0005 C DATED JUNE 4, 1990.

8899 Existing Conditions Plan.dwg

DRAWING TITLE: EXISTING CONDITIONS SURVEY	DATE: APRIL 16, 2021
PROJECT: SMITH FAMILY 230 RIDGEFIELD ROAD WILTON, CONNECTICUT	
LANDSCAPE ARCHITECTURE ENVIRONMENTAL PLANNING ELS ENVIRONMENTAL LAND SOLUTIONS, LLC Landscape Architecture and Environmental Planning 8 KNIGHT STREET, SUITE 203 NORWALK, CONNECTICUT 06851 Tel: (203) 855-7879 Fax: (203) 855-7836 info@elsllc.net www.elsllc.net	
SHEET	WP-1

SCALE 1" = 60'

JANUARY 5, 2009

C:\Program Files\Microsoft Office\Rf&F_LLC\RyanandFaulds071mR03dP022L\map logo.TIF

11 GRUMMAN HILL ROAD
WILTON, CT 06897
Ph. (203) 762–9492 ryanandfaulds.com

EXISTING CONDITIONS PLAN

PREPARED FOR

LITTLE FOOT FARMS

WILTON, CONNECTICUT

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

DOUGLAS R. FAULDS
LAND SURVEYOR CONN. LIC. No. 13292

AREA WHERE SOME WOODY VEGETATION WAS REMOVED FROM WETLAND 38,700+/- SF

CONSTRUCT 150' LENGTH BROAD WALK

END STONE DUST PATH BEGIN BROAD WALK

12" CULVERT TO BE REMOVED

PARTIALLY CONSTRUCTED TRAIL. FIELD LOCATED BY ELS

PARTIALLY CONSTRUCTED TRAIL. FIELD LOCATED BY ELS

BEGIN STONE DUST PATH

END STONE DUST PATH

EXISTING POOL SHALL BE CRUSHED AND FILLED IN RESEED WITH NATIVE MEADOW GRASS

REMOVE POOL EQUIPMENT AND FENCE

EXISTING BUILDINGS IN THE PROCESS OF DEMOLITION

EXISTING WOODLAND PATH

EXIST TRAIL WITH WOOD CHIP COVER TO BE BE CONVERTED TO STONE DUST

END STONE DUST PATH BEGIN WOOD CHIP PATH

END WOOD CHIP PATH BEGIN STONE DUST PATH

END WOOD CHIP PATH BEGIN STONE DUST PATH

ONE 12' SECTION OF BOARDWALK

REROUTE EXISTING TRAIL TO NOTED LOCATION

ONE SECTION OF BOARDWALK OVER SATURATED SOILS

SEED EXPOSED SOIL AREAS WITH NOTED SEED MIX. HAND REMOVE INVASIVES AROUND THE CLEARED AREA.

EXTENDED LIMIT OF REGULATED AREA DUE TO STEEP SLOPES.

REGULATED UPLAND 100'

100' UPLAND REVIEW BOUNDARY

LIMITS OF CLEARING

EX. ASPHALT DRIVE

EX. HOUSE

EIGHT EXISTING TREES NOTED TO BE REMOVED

S28°15'44"W 83.82'

graphic scale 0 50 100

now or formerly THOMAS G. HUDSON AND REGINA HUDSON

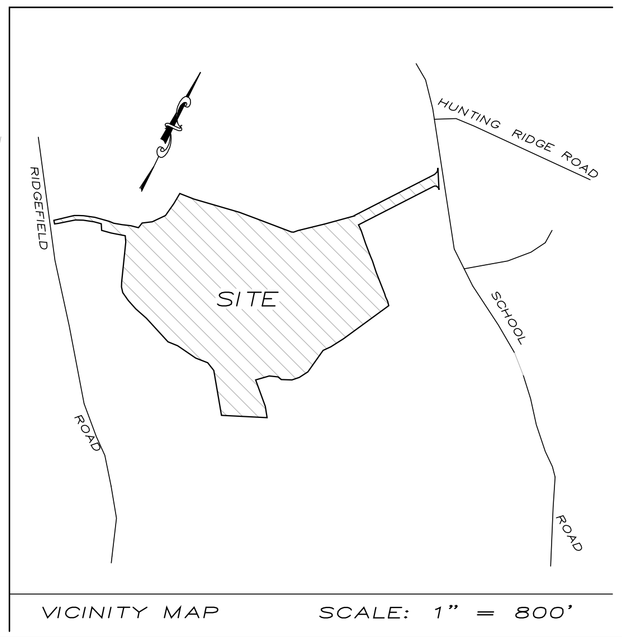
now or formerly MIDDLEBROOK LANE ASSOCIATES, LLC

now or formerly TOWN OF WILTON (MAP #2959 W.L.R.)

now or formerly MARIE ANN MORAN

COMSTOCK BROOK

PROPERTY LINE AS DEPICTED ON MAP #2429 WILTON LANE



VICINITY MAP SCALE: 1" = 800'

REVISIONS:

DRAWING TITLE: TRAIL OVERVIEW

PROJECT: SMITH FAMILY
230 RIDGEFIELD ROAD
WILTON, CONNECTICUT

ENVIRONMENTAL LANDSCAPE ARCHITECTURE PLANNING ELS

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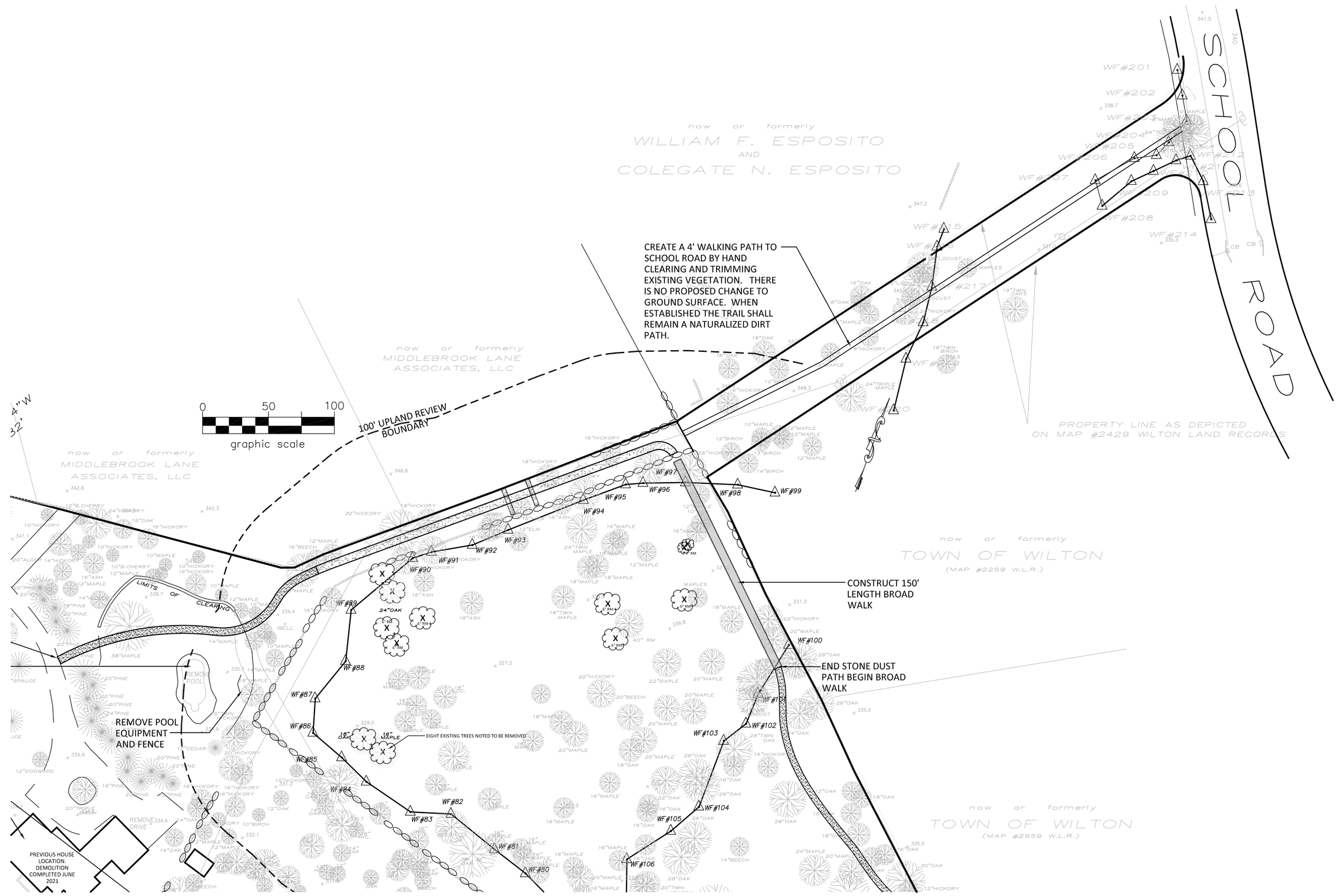
SEAL:

DATE: MAY 7 2021

SCALE: 1"=50'

DRAWING NO.: WP-2



REVISIONS:		
1	6-22-21	ADD NOTE FOR FOOT PATH CONSTRUCTION

DRAWING TITLE:
ACCESS TO MIDDLEBROOK ROAD

PROJECT:
SMITH FAMILY
230 RIDGEFIELD ROAD
WILTON, CONNECTICUT

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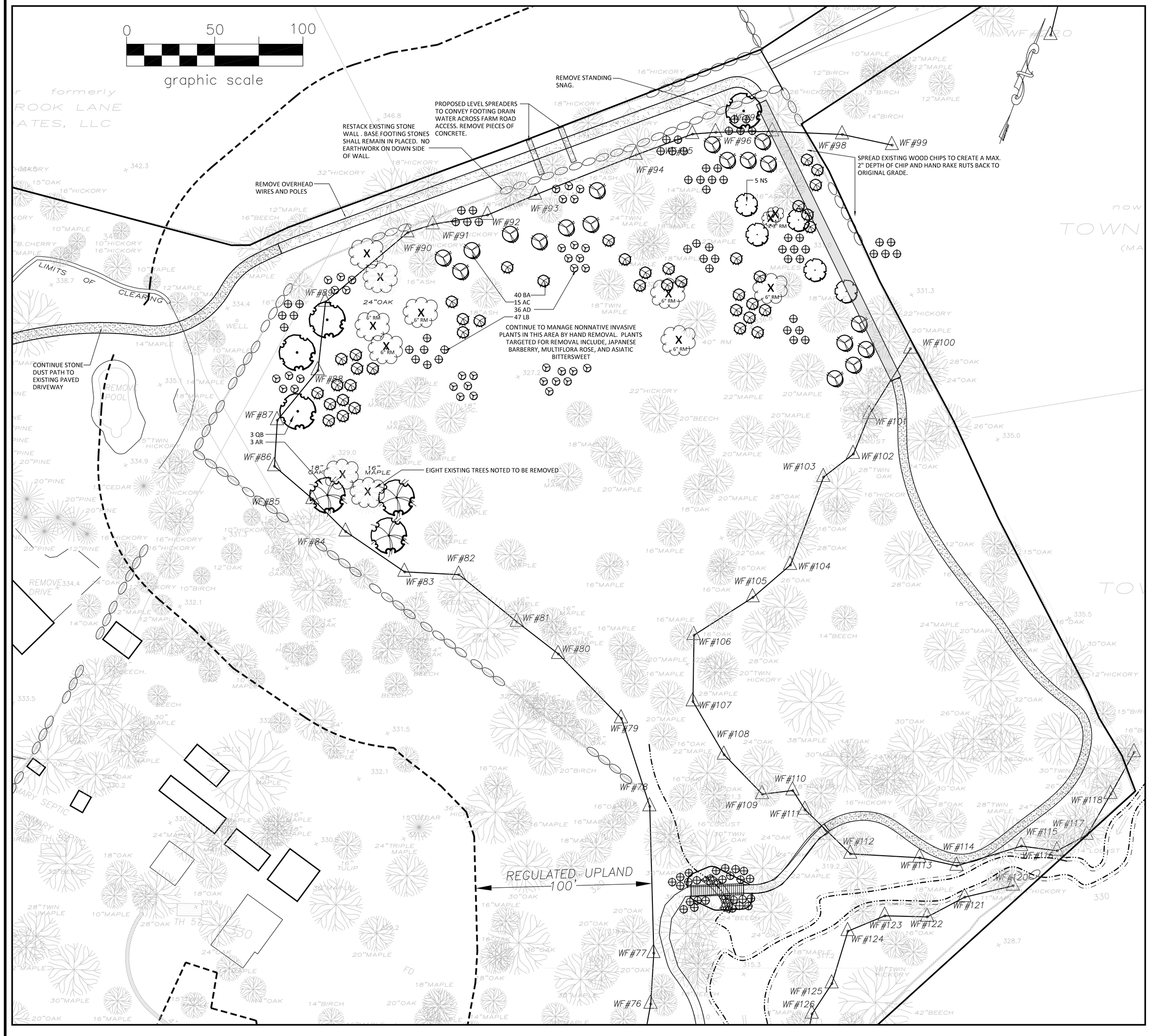
SEAL:

DATE: MAY 7, 2021

SCALE: 1"=50'

DRAWING NO.: WP-3



LEGEND

- PROPERTY LINE
- WETLAND LINE
- WATERCOURSE LINE
- 100' UPLAND REVIEW AREA
- NEW SILT FENCE
- EX. EVERGREEN/DECIDUOUS TREE TO REMAIN (APPROX. LOCATION)
- TREES RECENTLY REMOVED
- NEW EVERGREEN TREE
- NEW DECIDUOUS SHADE TREE
- NEW SMALL FLOWERING TREE
- NEW SHRUB
- NEW / EX. LAWN

PLANT LIST

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
3	AR	ACER RUBRUM	RED MAPLE	2-2.5" CAL.	B&B	FULL
15	AC	AMELANCHIER CANADENSIS	SHAD	5-6' HT.	B&B	MULTI-STEM
40	BA	BETULA ALLEGHANIENSIS	YELLOW BIRCH	WHIPS		
5	NS	NYSSA SYLVATICA	BLACK GUM	8-9' HT.	B&B	
3	QB	QUERCUS BICOLOR	SWAMP WHITE OAK	2-2.5" CAL.	B&B	FULL
SHRUBS						
35	AD	ALNUS INCARNA	SPECKLEd ALDER	2-3' HT.	CONT.	
47	LB	LINDERA BENZOIN	SPICEBUSH	2-3' HT.	CONT.	

GRAPHIC SCALE
0' 15' 30' 60'

REVISIONS:		
1	6-22-21	ADDED PLANTS PER STAFF REQUEST

DRAWING TITLE: MITIGATION PLAN

PROJECT: SMITH FAMILY
230 RIDGEFIELD ROAD
WILTON, CONNECTICUT

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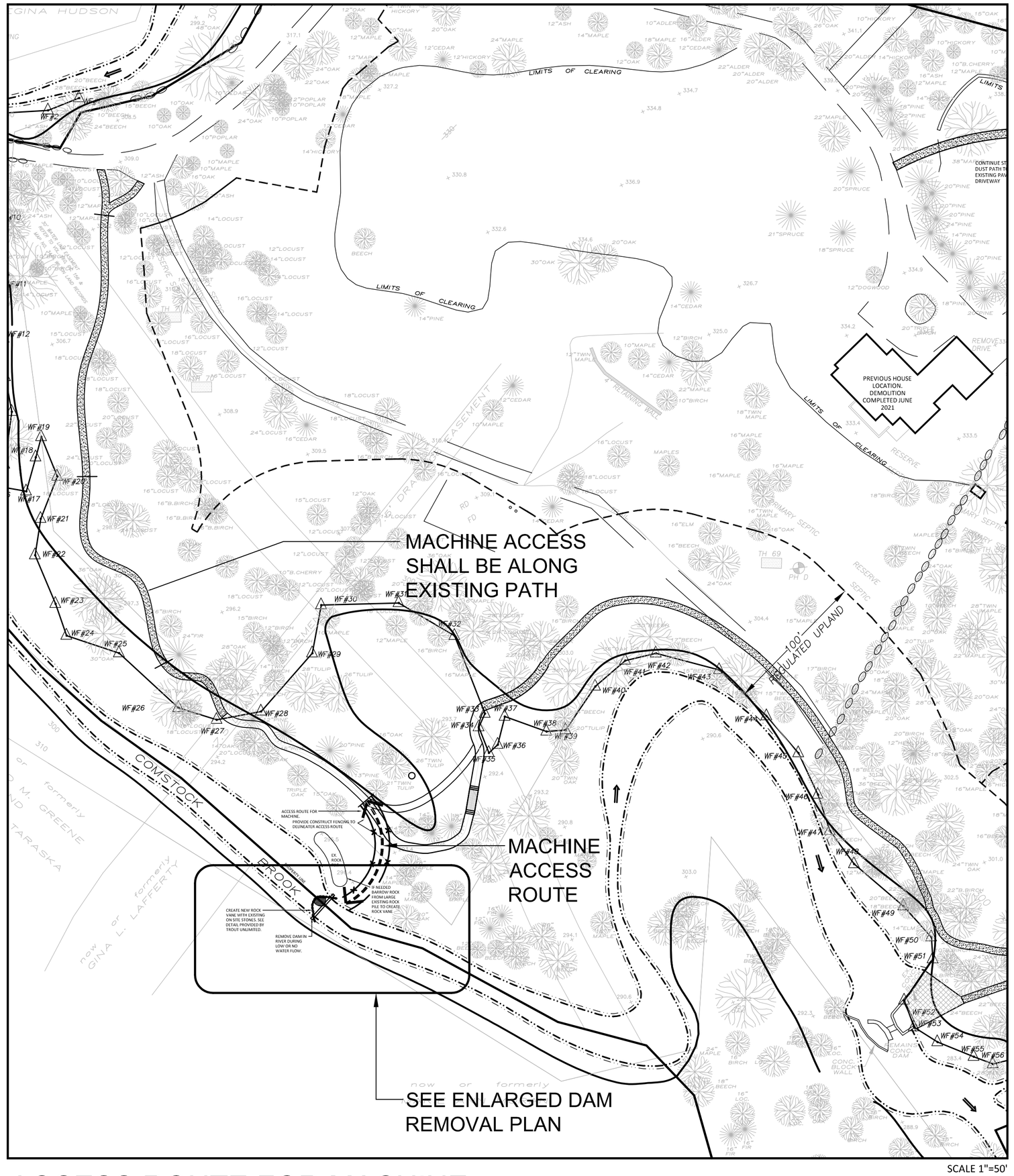
SEAL:

DATE: MAY 7, 2021

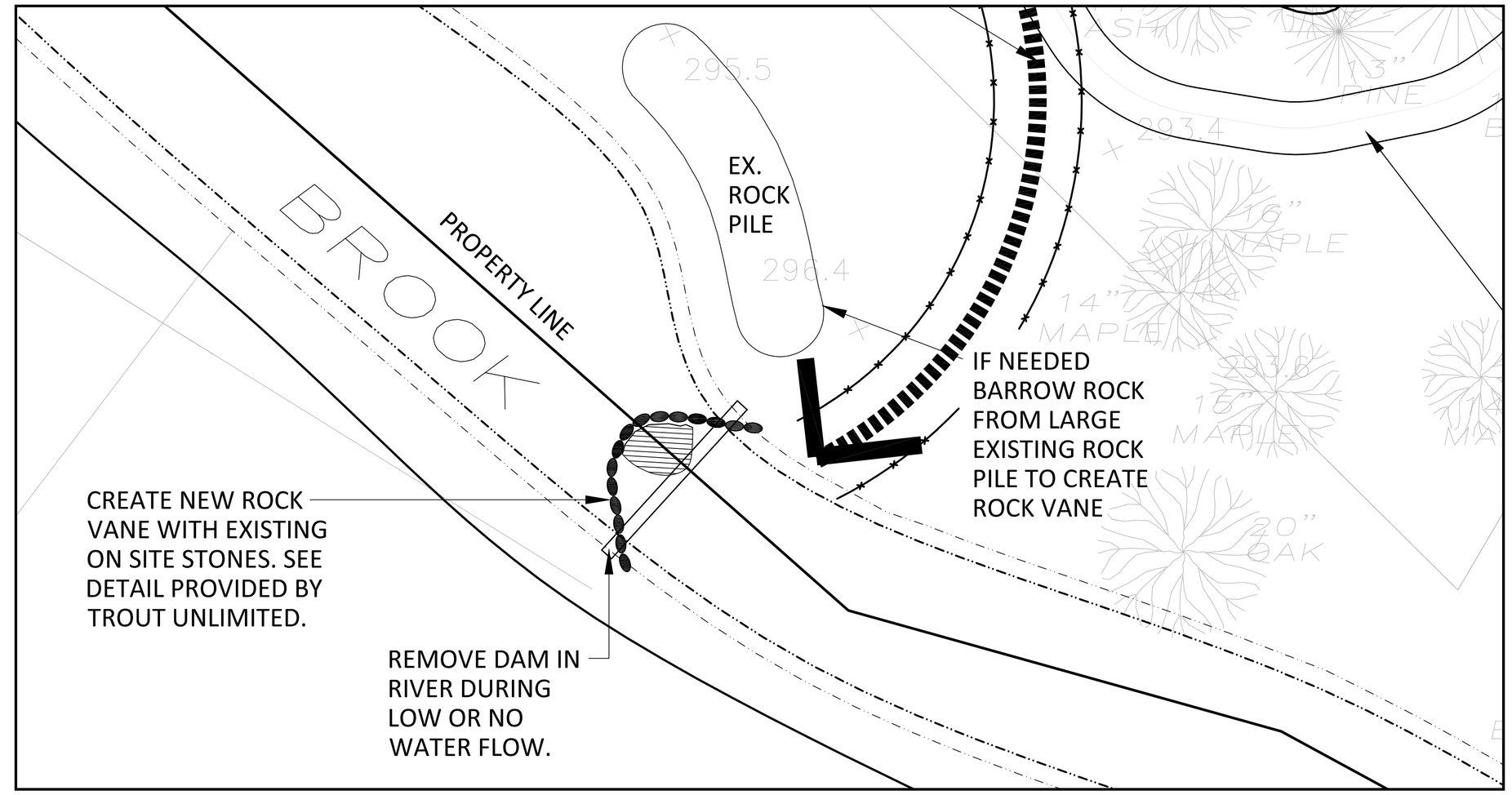
SCALE: 1"=30'

DRAWING NO.: WP-4



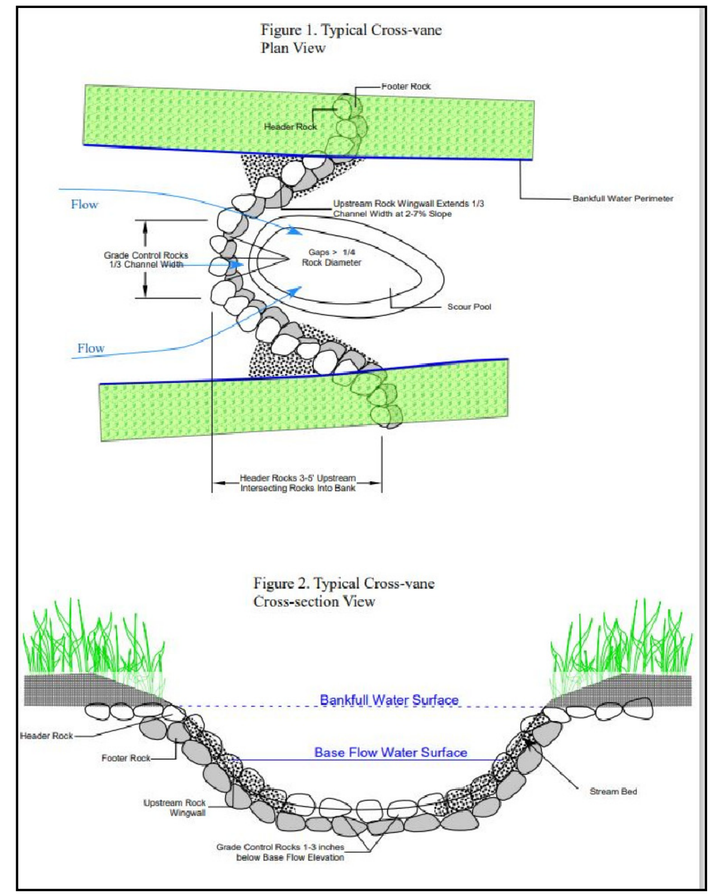
SCALE 1"=50'

ACCESS ROUTE FOR MACHINE



SCALE 1"=20'

DAM REMOVAL PLAN



ROCK VANE DETAIL

NTS

NOTES
1. DETAIL PROVIDED BY TROUT UNLIMITED

CONSTRUCTION SEQUENCE (GENERAL):

1. THE CONTRACTOR SHALL READ AND COMPLY WITH ALL REQUIRED PRE-CONSTRUCTION PERMIT CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION SITE MEETING WITH STAFF FROM THE TOWN'S INLAND WETLANDS AGENCY AND ENVIRONMENTAL LAND SOLUTIONS, LLC TO REVIEW THE PROJECT SCOPE.
3. WORK SHALL TAKE PLACE DURING LOW OR NO FLOW CONDITIONS.
4. INSTALL TREE PROTECTION FENCING AROUND SIGNIFICANT TREES TO REMAIN AND AS SHOWN ON THE SITE PLAN. IT IS THE INTEND TO RETAIN ALL TREES IN AND AROUND THE WORK AREA. IF ANY SHRUBS ARE REMOVED FOR THE MACHINE ACCESS, THEY SHALL BE REPLACED ON A ONE TO ONE BASIS.
5. DISMANTLE EXISTING CONCRETE BLOCK SLABS INTO 4 PIECES FOR REMOVAL.
6. REMOVE DEBRIS TO DUMPSTER OFF PAVED DRIVEWAY.
7. CONSTRUCT ROCK VANE, IN ACCORDANCE WITH THE DETAIL PROVIDED BY TROUT UNLIMITED. EXPECTED TIME FRAME TO REMOVE DAM AND CONSTRUCT ROCK VANE IS LESS THAN ONE WEEK.
8. STABILIZE ALL STREAM AREA PRIOR TO COMPLETION USING IN STREAM ROCK AND STONE.
9. ANY EXPOSED SOIL CREATED DURING SAM REMOVAL SHALL BE SEEDED, AND MULCHED TO ESTABLISHED VEGETATION COVER AS SOON AS POSSILBE.
10. SITE CLEAN-UP.

EROSION CONTROL NOTES:

1. LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. RESTABILIZATION OF DISTURBED SOILS SHALL BE COMPLETED AS SOON AS POSSIBLE.
2. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS NOTED IN THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL", DEP BULLETIN 34, 2002.
3. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD AS NEEDED AT THE CONTRACTOR'S EXPENSE. THE TOWN WETLAND DEPARTMENT STAFF AND THE PROJECT LANDSCAPE ARCHITECT SHALL HAVE THE AUTHORITY IN DETERMINING THE NEED FOR ADDITIONAL CONTROLS.
4. DISTURBED AREAS TO BE LEFT EXPOSED FOR MORE THAN 21 DAYS SHALL BE SEEDED WITH RYEGRASS AT THE RATE OF 1 IBS. PER 1000 SQUARE FEET WITHIN SEVEN DAYS OF THE OCCURRENCE OF THE DISTURBANCE. APPLY SOIL AMENDMENTS AND MULCH AS NEEDED TO ESTABLISH A DENSE, UNIFORM AND HEALTHY VEGETATION STAND OVER SEEDED AREAS.
5. IF CONSTRUCTION OPERATIONS ARE DELAYED FOR ANY REASON ONCE SITE DISTURBANCE HAS OCCURRED, THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER ROUTINE MAINTENANCE AND INSPECTION OF THE EROSION CONTROL MEASURES DURING THIS PERIOD.
6. HYDRO-SEED DISTURBED LANDSCAPE AREAS WITH A HYDRAULIC MULCH (SUCH AS FLEXTERRA BY PROFILE) AND A HIGH QUALITY FAST GROWING TURF MIXTURE.
7. SEEDED AREAS THAT ARE ON SLOPES ON OR GREATER THAN 10% SHALL BE COVERED WITH AN EROSION CONTROL BLANKET (INCLUDING ANCHOR STAPLES) THAT IS PLASTIC-FREE AND 100% BIODEGRADABLE OR PHOTODEGRADABLE WITHIN TWO YEARS.

SEEDING NOTES:

1. IF EXPOSED SOIL IS CREATED DURING SITE WORK. ALL EXPOSED SOIL SHALL BE IMMEDIATELY SEEDED AND MULCHED WITH HAY FOR STABILIZATION.
2. SEED AREAS AT THE METHODS AND 125% THE RATE RECOMMENDED BY THE MANUFACTURER. A NURSE CROP OF PERENNIAL RYE GRASS (AT A RATE OF 50 LBS./ACRE) SHALL BE ADDED TO THE SEED MIX ON SLOPES OF EXCESS OF 10% AND AS SPECIFIED. SEED SHALL BE OBTAINED FROM AN APPROVED SUPPLIER. SEED MIX SUBSTITUTIONS SHALL BE EQUIVALENT TO THAT SPECIFIED AND APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER PRIOR TO USE. SEED AREAS AS PER THE FOLLOWING SCHEDULE:

   A. WETLAND BUFFERS (UPLAND AREAS):
   SEED THIS AREA WITH "NEW ENGLAND CONSERVATION / WILDLIFE SEED MIX" BY FROM NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000) OR APPROVED EQUAL.

   B. WETLAND AREAS:
   SEED THIS AREA WITH "WETMIX" BY NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000).
3. THE SEED SHALL BE SPREAD ON THE PREPARED SEEDING SOIL, RAKED LIGHTLY TO ESTABLISH GOOD SOIL CONTACT, AND MULCHED WITH A 2 INCH LOOSE LAYER OF CLEAN OAT STRAW OR COMMERCIAL WOOD FIBER PRODUCTS APPLIED BY HAND OR BY HYDROSEEDING ON SLOPES LESS THAT 10%. SEEDED SLOPES ON OR GREATER THAN 10 PERCENT SHALL BE COVERED WITH A PLASTIC-FREE EROSION CONTROL BLANKET.

REVISIONS:			
1	6-22-21	NOTES EXPANDED FOR STABILIZATION	

DRAWING TITLE: DAM REMOVAL PLAN

PROJECT: SMITH FAMILY
230 RIDGEFIELD ROAD
WILTON, CONNECTICUT

ENVIRONMENTAL LANDSCAPE ARCHITECTURE PLANNING ELS
ENVIRONMENTAL LAND SOLUTIONS, LLC
Landscape Architecture and Environmental Planning
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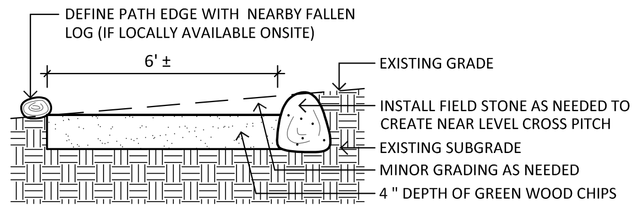
Tel: (203) 855-7879 Fax: (203) 855-7836
info@elsllc.net www.elsllc.net

SEAL:

DATE: APRIL 26, 2021

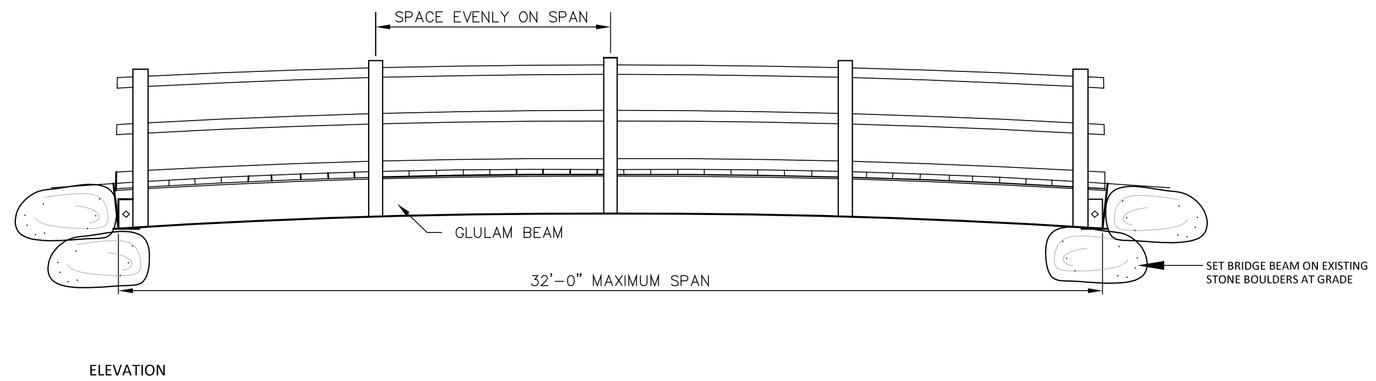
SCALE: AS NOTED

DRAWING NO.: WP-5

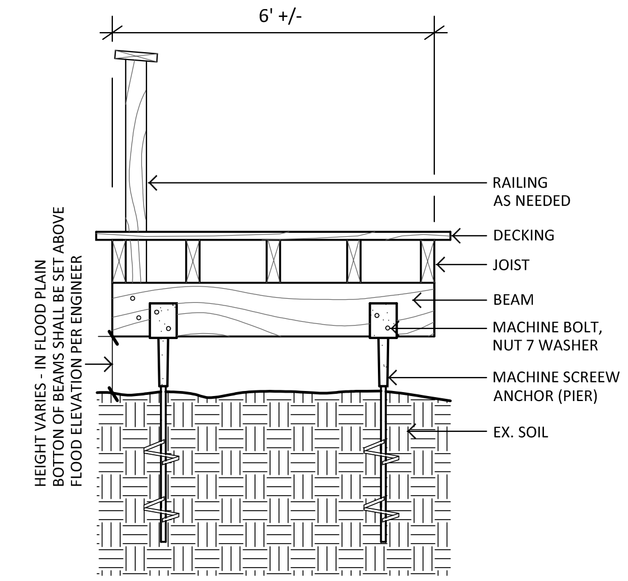


WOODCHIP PATH

SCALE: NOT TO SCALE



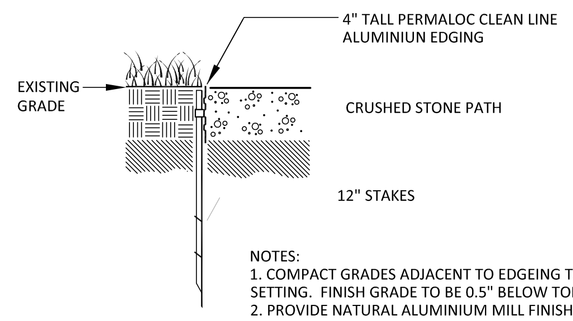
FOOTBRIDGE W/GLUELAM SUPPORT SET ON EXISTING STONES TO REPLACE CULVERT



NOTE:
1. INSTALL SCREW ANCHOR PIERS AND CROSS BRACE PER MANUFACTURER'S RECOMMENDATIONS. PIER SYSTEM BY CHANCE HELICAL-PIER (1-800-282-7453) OR EQUIVALENT.

BOARDWALK SECTION (TYP.)

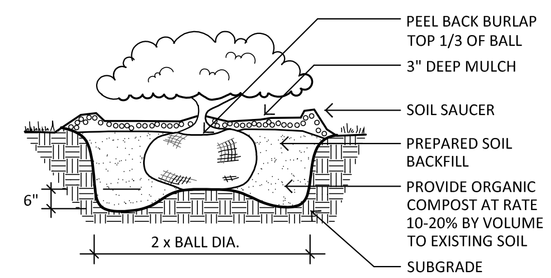
SCALE: NOT TO SCALE



NOTES:
1. COMPACT GRADES ADJACENT TO EDGEING TO AVOID SETTING. FINISH GRADE TO BE 0.5" BELOW TOP OF EDGING.
2. PROVIDE NATURAL ALUMINIUM MILL FINISH.

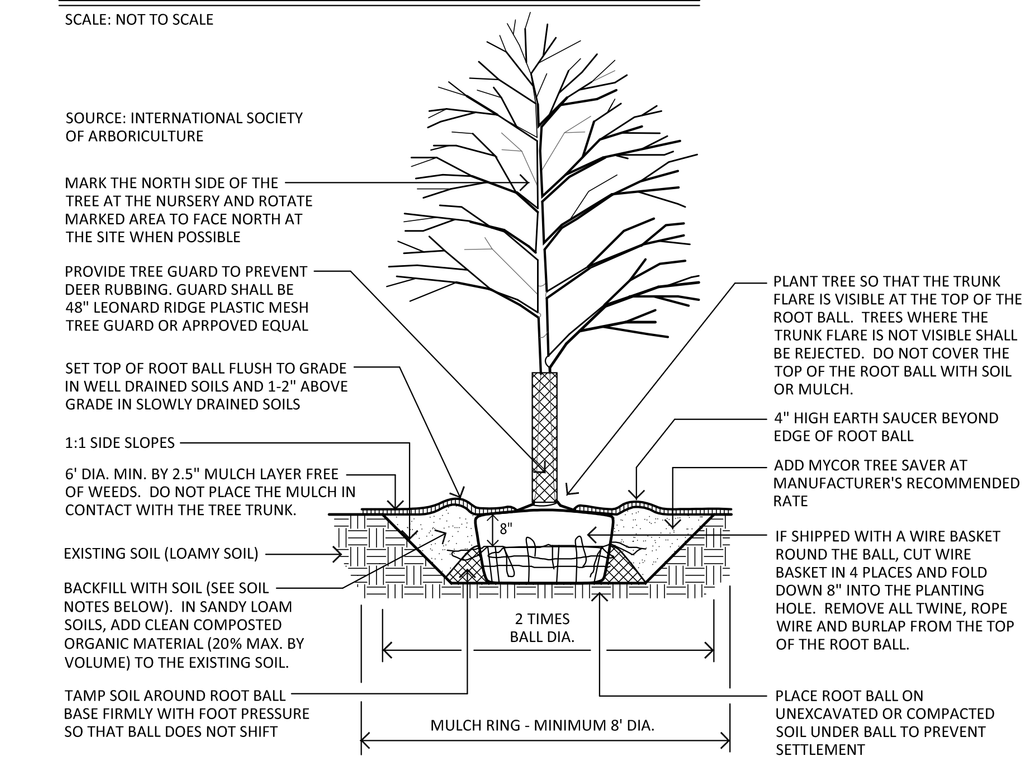
ALUMINUM LANDSCAPE BED EDGING

SCALE: NOT TO SCALE



SHRUB PLANTING DETAIL

SCALE: NOT TO SCALE



PLANTING NOTES:

1. DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
2. WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

SOIL NOTES:

1. CLEAN FILL MATERIAL SHALL BE A LOAMY SOIL. LOAMY SOILS INCLUDE THE FOLLOWING USDA TEXTURAL CLASSIFICATIONS AND HAVE A CLAY CONTENT BETWEEN 7% TO 27%: LOAM, SANDY LOAM AND SILT LOAM. NOTE THAT SOILS AT THE OUTER LIMITS OF THE LOAM CLASSIFICATION MAY PRESENT SPECIAL PLANTINGS PROBLEMS NOT ANTICIPATED BY THE DETAIL. THE SOIL STRUCTURE SHALL NOT BE PLATY OR MASSIVE. A SUITABLE PLANTING SOIL IS 65 % SAND, 20% COMPOST, AND 15% CLAY LOAM.
2. LOAMY SOILS ARE DEFINED AS A GRANULAR OR BLOCKY FRIABLE SOILS, A MIXTURE OF SAND, SILT AND CLAY PARTICLES WITH A WITH A MINIMUM OF 1.5% BY DRY WEIGHT OF ORGANIC MATTER. THE SOIL MUST NOT BE SO COMPACTED AS TO IMPEDED ROOT GROWTH OR DRAINAGE.

STAKING NOTES:

1. STAKE TREES ONLY IF IT IS EXPECTED THAT THE TREE WILL NOT BE ABLE TO SUPPORT ITSELF AND REMAIN STRAIGHT. STAKE TREES FOR THE FOLLOWING REASONS:
   A. THE TREE IS INSTALLED WITHIN VERY SANDY SOIL OR VERY WET CLAY SOIL.
   B. THE TREE IS LOCATED IN A PLACE OF EXTREMELY WINDY CONDITIONS.
2. CONTACT THE PROJECT LANDSCAPE ARCHITECT FOR STAKING DETAIL IF NEEDED.

TREE PLANTING DETAIL

SCALE: NOT TO SCALE

NONNATIVE INVASIVE SPECIES CONTROL NOTES:

1. REMOVAL OF NONNATIVE INVASIVE PLANTS TO BE ONGOING OVER A FIVE (5) YEAR PERIOD (OR LONGER). SCOPE OF WORK MAY VARY YEAR TO YEAR BASED ON FINANCIAL LIMITATIONS.

2. THE LANDSCAPE CONTRACTOR SHALL CONTACT THE PROJECT ENVIRONMENTAL CONSULTANT WITH ANY QUESTIONS REGARDING THE CONTROL OR IDENTIFICATION OF INVASIVE NONNATIVE SPECIES.

3. THE LANDSCAPE CONTRACTOR SHALL FOLLOW THE METHODS AND RECOMMENDATIONS RECOMMENDED BY THE HERBICIDE MANUFACTURER AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS. A PERMIT FROM DEEP IS REQUIRED FOR ANY PESTICIDE APPLICATION TO A BODY OF WATER.

4. ALL CUT OR PULLED INVASIVE NONNATIVE PLANT MATERIALS SHALL BE DISPOSED OF APPROPRIATELY AND COMPLY WITH THE 2004 DEEP / UCONN "GUIDELINES FOR DISPOSAL OF TERRESTRIAL INVASIVE PLANTS." ALL CUTTINGS SHALL BE COLLECTED AND PLACED ONSITE ON A PLASTIC TARP (OR ON AN ASPHALT PAVEMENT AREA) AND SUN DRIED UNTIL DEAD. AVOID CUTTINGS FROM BEING IN CONTACT WITH ANY SOIL. DEAD PLANTS SHALL BE BAGGED AND DEPOSITED AT AN INCINERATOR WASTE FACILITY (NOT A COMPOSTING FACILITY).

5. CONTINUE INVASIVE PLANT SPECIES CONTROL OVER ENTIRE SITE. DOCUMENT ACTIONS AND PROGRESS TO HELP GUIDE ON GOING CONTROL METHODS. CONFIRM CONTRACTORS ARE KNOWLEDGEABLE ON PLANT TYPE PRIOR TO REMOVAL. CONSULT WITH LANDSCAPE ARCHITECT BEFORE REMOVALS. CURRENT TARGET SPECIES AREA JAPANESE BARBERRY AND ASIATIC BITTERSWEET:

   A. FOR JAPANESE BARBERRY, EUONYMUS AND ASIATIC BITTERSWEET.

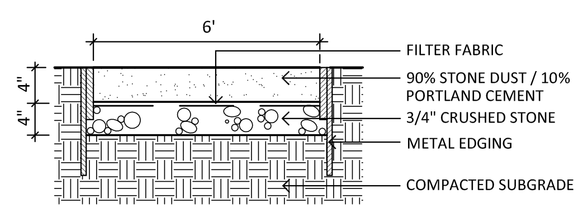
      STEP #1: THE PRIMARY CONTROL SHALL CONTINUE TO BE REMOVAL BY CUTTING AND HAND PULLING. WITH LARGE PLANTS (OVER 1" DIAMETER) HERBCIDE CAN BE APPLIED WITH THE FOLLOWING METHOD.

      STEP #2: (PRIOR TO HERBICIDE TREATMENT): CUT PLANT DOWN TO GRADE LEVEL DURING THE GROWING SEASON (LATE SUMMER OR EARLY FALL IS PREFERABLE). REMOVE ASIATIC BITTERSWEET ROOTS IF FEASIBLE. DISPOSE OF CUT PLANT MATERIAL AS OUTLINED ABOVE.

      STEP #3: IMMEDIATELY AFTER CUTTING, TREAT CUT STEMS WITH AN APPROPRIATE HERBICIDE (SUCH AS ROUND-UP) AT THE RATE AND METHODS RECOMMENDED BY THE MANUFACTURER. CARE SHALL BE TAKEN TO AVOID HERBICIDE CONTACT WITH NATIVE OR OTHER DESIRABLE VEGETATION.

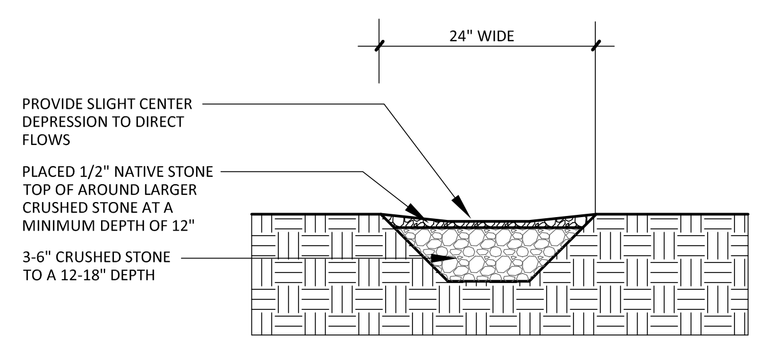
      STEP #4: CHECK CONTROL AREA MONTHLY DURING THE GROWING SEASON FOR NEW GROWTH. SPOT TREAT NEW GROWTH WITH AN APPROPRIATE HERBICIDE AS NEEDED FOR CONTROL.

6. CARE SHALL BE TAKEN TO AVOID HERBICIDE CONTACT WITH NATIVE OR OTHER DESIRABLE VEGETATION. IN AREAS WHERE NATIVE PLANTS ARE GROWING NEAR PLANTS TO BE CONTROLLED, THE HERBICIDE SHALL NOT BE SPRAYED ONTO THE TARGET PLANTS. IN THESE AREAS THE HERBICIDE SHALL BE APPLIED WITH A BRUSH OR CLOTH.



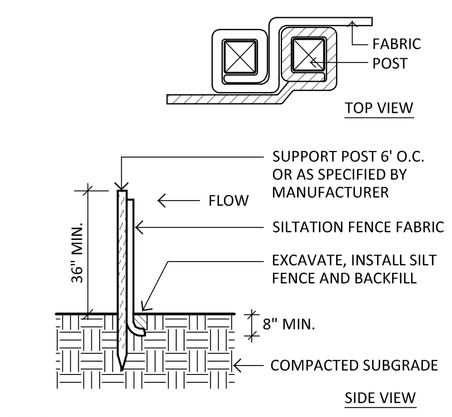
STONE DUST PATH

SCALE: NOT TO SCALE



STONE LEVEL SPREADER FOR FOOTING DISCHARGES

SCALE: NOT TO SCALE



NOTES:

1. POSITION POSTS TO OVERLAP AS SHOWN ABOVE, MAKING CERTAIN THAT FABRIC FOLDS AROUND EACH POST ONE FULL TURN.

2. DRIVE POSTS TIGHTLY TOGETHER AND SECURE POST TOPS BY TYING OFF WITH CORD OR WIRE TO PREVENT FLOW-THROUGH OF BUILT-UP SEDIMENT AT JOINT.

SILT FENCE

SCALE: NOT TO SCALE

REVISIONS:

DRAWING TITLE: DETAILS AND NOTES

PROJECT: THE SMITH FAMILY
230 RIDGEFIELD ROAD
WILTON, CONNECTICUT

ENVIRONMENTAL LANDSCAPE ARCHITECTURE PLANNING ELS
ENVIRONMENTAL LAND SOLUTIONS, LLC
Landscape Architecture and Environmental Planning
8 KNIGHT STREET, SUITE 203
NORWALK, CONNECTICUT 06851
Tel: (203) 855-7879 Fax: (203) 855-7836
info@elsllc.net www.elsllc.net

SEAL:

DATE: APRIL 26, 2021

SCALE: NOT TO SCALE

DRAWING NO.: WP-6

DAVISON ENVIRONMENTAL

10 Maple Street
Chester, CT 06412
860-803-0938
www.davisonenvironmental.com

Biodiversity Studies • Wetland Delineation & Assessment • Habitat Management • GIS Mapping • Permitting • Forestry

WETLANDS / WATERCOURSES DELINEATION REPORT

Date of Work: *5/6/2021*

Project Location: *230 Ridgefield Rd, Wilton*

Client:
Kate Throckmorton
Environmental Land Solutions
8 Knight Street, Suite 203
Norwalk, CT 06851

IDENTIFICATION OF WETLANDS AND WATERCOURSES RESOURCES

Wetlands and watercourses present on property? Yes ☒ No ☐

Wetlands:		Watercourses:		Identification Method:	
Inland Wetlands	☒	Perennial Streams	☒	Auger and Spade	☒
Tidal Wetlands	☐	Intermittent Watercourses	☐	Backhoe Pits	☐

Numbering Sequences:

1-119

Wetland Plant Communities Present:

Forest ☒
Sapling/Shrub ☐
Wet Meadow ☐
Marsh ☐
Pond ☐

Definitions and methodology for identification of state regulated wetlands & watercourses

Wetlands and watercourses are regulated in the State of Connecticut General Statutes, Chapter 440, sections 22a-28 to 22a-45. The Statutes are divided into the Inland Wetlands and Watercourses Act (sections 22a-36 to 22a-45) and the Tidal Wetlands Act (sections 22a-28 to 22a-35). Inland Wetlands "means land, including submerged land, not regulated pursuant to sections 22a-28 to 22a-35, inclusive, which consists of any of the soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey, as may be amended from time to time, of the National Resources Conservation Service (NRCS) of the United States Department of Agriculture" section 22a-38(15). 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 this state or any portion thereof, not regulated pursuant to sections 22a-28 to 22a-35, inclusive. 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 a duration longer than a particular storm incident, and (C) the presence of hydrophytic vegetation" section 22a-38(16). Tidal Wetlands are defined as "those areas which border on or lie beneath tidal waters, such as, but not limited to banks, bogs, salt marsh, swamps, meadows, flats, or other low lands subject to tidal action, including those areas now or formerly connected to tidal waters, and whose surface is at or below an elevation of one foot above local extreme high water; and upon which may grow or be capable of growing some, but not necessarily all of the following" (includes plant list) section 22a-29(2).

WETLAND SOIL TYPES

Wetland soils consist of the Ridgebury, Leicester and Whitman complex, as well as the Pootatuck series. Ridgebury, Leicester and Whitman is an undifferentiated mapping unit consisting of two poorly drained (Ridgebury and Leicester) and one very poorly drained (Whitman) soil developed on glacial till in depressions and drainageways in uplands and valleys. Their use interpretations are very similar, and they typically are so intermingled on the landscape that separation is not practical. The Ridgebury and Leicester series have a seasonal high water table at or near the surface (0-6") from fall through spring. They differ in that the Leicester soil has a more friable compact layer or hardpan, while the Ridgebury soils have a dense to very dense compact layer. The Whitman soil has a high water table for much of the year and may frequently be ponded.

The Pootatuck series consists of very deep, moderately well drained loamy soils formed in alluvial sediments. They are nearly level soils on floodplains subject to common flooding. Slope ranges from 0 to 3 percent. Permeability is moderate or moderately rapid in the loamy upper horizons and rapid or very rapid in the sandy substratum layers.

NON-WETLAND SOILS

Non-wetland soils consist of Udorthents, the Canton and Charlton complex, and the Woodbridge series. Udorthents is a miscellaneous land type used to denote moderately well to excessively drained earthen material which has been so disturbed by cutting, filling, or grading that the original soil profile can no longer be discerned.

The Canton series consists of very deep, well drained soils formed in a loamy mantle underlain by sandy glacial till. They are on nearly level to very steep glaciated plains, hills, and ridges. Slope ranges from 0 to 35 percent. Permeability is moderately rapid in the solum and rapid in the substratum. The soils developed in a fine sandy loam mantle over acid sandy glacial till of Wisconsin age derived mainly from granite and gneiss and some fine-grained sandstone.

The Charlton series is a very deep, well drained loamy soil formed in friable till. They are nearly level to very steep soils on till plains and hills. Depth to bedrock and the seasonal high water table is commonly more than 6 feet.

The Woodbridge series consists of moderately well drained loamy soils formed in compact, subglacial till. They are very deep to bedrock. They are nearly level to moderately steep soils

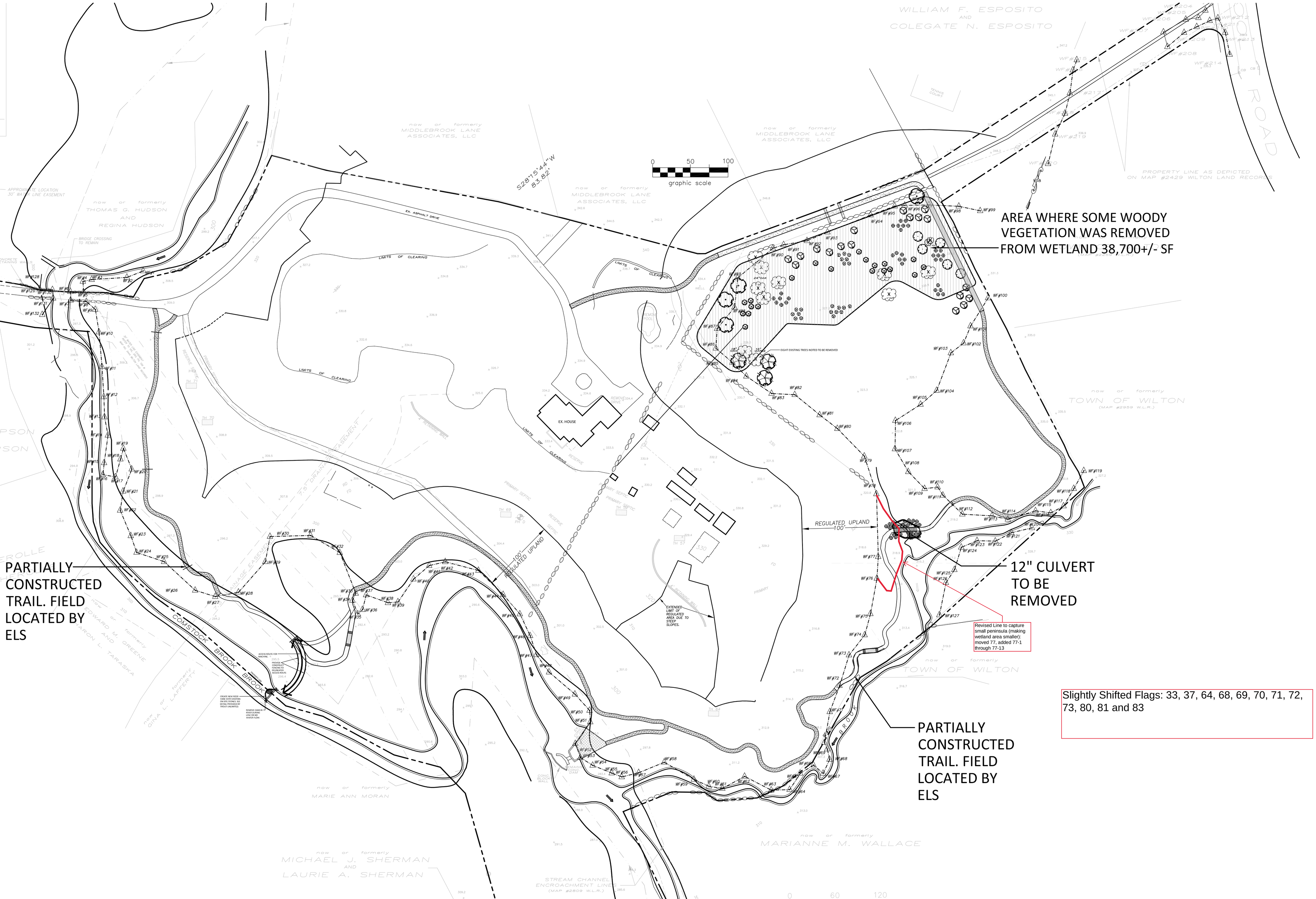
on till plains, hills, and drumlins. Depth to the compact layer (hardpan) is 18 to 40 inches. Depth to bedrock is commonly more than 6 feet. Woodbridge soils have a seasonal high water table on top of the compact layer (18-40”) from fall through late spring.

SUMMARY of FINDINGS

Wetlands present on the site consist of forested wetlands and floodplain wetlands (alluvial soils) that border upon or drain to Comstock Brook. This was a reconfirmation of a delineation I completed over ten years ago. The previous flag locations were reset in the field by survey, and I walked the limits and examined the flag locations. I made a minor (± 15ft) adjustment to the following flags: 33, 37, 64, 68, 69, 70, 71, 72, 73, 80, 81 and 83. In addition, I refined the flagging between #76 and #78, to include a narrow upland peninsula that had previously been undefined.

If you have any questions regarding my findings, please feel free to contact me.

Eric Davison
Certified Professional Wetland Scientist
Registered Soil Scientist


AREA WHERE SOME WOODY VEGETATION WAS REMOVED FROM WETLAND 38,700+/- SF
PARTIALLY CONSTRUCTED TRAIL. FIELD LOCATED BY ELS
12" CULVERT TO BE REMOVED
PARTIALLY CONSTRUCTED TRAIL. FIELD LOCATED BY ELS
Revised Line to capture small peninsula (making wetland area smaller): moved 77, added 77-1 through 77-13
Slightly Shifted Flags: 33, 37, 64, 68, 69, 70, 71, 72, 73, 80, 81 and 83
graphic scale
0 50 100
S28°15'44"W 83.82'
EX. ASPHALT DRIVE
LIMITS OF CLEARING
EX. HOUSE
REGULATED UPLAND 100'
EXTENDED LIMIT OF REGULATED AREA DUE TO STEEP SLOPES.
EIGHT EXISTING TREES NOTED TO BE REMOVED
COMSTOCK BROOK
WILLIAM F. ESPOSITO AND COLEGATE N. ESPOSITO
now or formerly MIDDLEBROOK LANE ASSOCIATES, LLC
now or formerly THOMAS G. HUDSON AND REGINA HUDSON
now or formerly TOWN OF WILTON (MAP #2959 W.L.R.)
now or formerly MARIE ANN MORAN
now or formerly MICHAEL J. SHERMAN AND LAURIE A. SHERMAN
now or formerly MARIANNE M. WALLACE
STREAM CHANNEL ENCROACHMENT LINE (MAP #2809 W.L.R.)
PROPERTY LINE AS DEPICTED ON MAP #2429 WILTON LAND RECORDS
0 60 120

Kate Throckmorton

From: Joseph A. Canas <JACanas@tighebond.com>
Sent: Thursday, June 17, 2021 12:14 PM
To: Kate Throckmorton
Subject: 230 Ridgefield Road - Woodchips and Floodplain

Hi Kate-

As a follow-up to your earlier voicemail and our conversation, you had asked about the impact of the woodchip path within the floodplain. Since the path will be constructed such that the woodchips are at existing grade, there will be no impact on the base flood elevation of the floodplain.

The reason that there will be no impact is that the path will be constructed such that existing grade will be excavated to the width and depth to accommodate the placement of woodchips in the excavated footprint. In other words, there will be no loss of floodplain volume since the existing grade is not changing.

Joseph Canas, PE, LEED AP, CFM | Principal Engineer
Tighe & Bond | 1000 Bridgeport Avenue | Shelton, CT 06484 | 203.712.1109 | 203.300.3840 (cell)
www.tighebond.com | Follow us on: Twitter Facebook LinkedIn

Tighe&Bond

RT Group has joined Tighe & Bond!