Inland Wetland Commission Meeting Agenda 126 Church St., Putnam, CT August 11, 2021 7:00 P.M.

Join Zoom Meeting https://us06web.zoom.us/j/87248369627?pwd=ZXc4VIRmOHB0Z0QyMUVqTFkyMXJKZz09 Meeting ID: 872 4836 9627 By computer Passcode: 8j1xkp Dial by your location +1 929 205 6099 US (New York) Meeting ID: 872 4836 9627 By Phone Passcode: 713522

Pledge of Allegiance:

Roll Call:

Agenda:

Review minutes of the July 14, 2021 meeting. VOTE REQUIRED

Correspondence:

Public Participation:

New Business: VOTE REQUIRED

Application # 2021-10 Dimitrios Moutoudis – 21 Providence Pike – Retaining Wall & Maintenance / Notice of Violation

Accepting of New Applications if applicable for the September 8, 2021 meeting.

Adjournment.

Inland Wetland Commission Meeting Minutes July 14, 2021 7:00 P.M. VIA ZOOM

Pledge of Allegiance:

Present: David Pomes-Chairman, Walter Irwin, Theodore Altmeier, Jennifer Heath Absent: Robert Greene

Motion by Jennifer Heath to seat Alternate Christine Main as a voting member, second by Walter Irwin. ALL WERE IN FAVOR

Agenda:

Review minutes of the June 9, 2021 meeting.

Motion by Jennifer Heath to accept the minutes, second by Walter Irwin. ALL WERE IN FAVOR

Correspondence:

Public Participation:

New Business:

Application # 2021-09 Shane Pollock – 51 River Junction - Residential Construction Single Family

Greg Glaude of Killingly Engineering reviewed the plans and history of past approvals as it pertained to an existing subdivision. It is presently in the process of being reviewed by the Northeast District Department of Health.

Motion by Christine Main to approve contingent of the Northeast District Department of Health approval, second by Walter Irwin. ALL WERE IN FAVOR.

Other Business:

Accepting of New Applications if applicable for the August 11, 2021 meeting.

Dimitrios Moutoudis – 21 Providence Pike – Stream Stabilization & Maintenance

Motion by Christine Main to accept the application for the August 11, 2021 meeting, second by Walter Irwin. ALL WERE IN FAVOR.

Motion by Christine Main to adjourn at 7:15 P.M., second by Walter Irwin. ALL WERE IN FAVOR.

Please note these minutes have not been accepted by the Commission and will be placed on their next meeting agenda. Respectfully submitted by Brenda Roy.

INLAND WETLAND COMMISSION



APPENDIX A

APPLICATION FOR PERMIT

This application is for the use of inland wetlands and water courses.

The meetings are held on the second Wednesday of every month at 7:00pm in the Town Hall. If an on-site inspection is canceled due to inclement weather, the applicant is asked to call the office at 963-6803 30 minutes before the scheduled inspection to see if or when the inspection will be held.

Name of Applicant JENNY BRENTY, UC C/DIMITRIOS MONTOUDIS	
Applicant's Address _ 559 HANGRORD PIRK, SUTE 11 DAYNILLE CT	06241
Phone # 860-234-9214	
Owner of Land SAMR	
Owner's Address Same	
Location and description of proposed activity: 21 Preovidence PILE, ROUTE.	44
D PROVIDENCE PILE, ROUTE.	/
WINGWALL.	
2 RAMOVA OF DEBRIS FROM A STREAM BED	
Activity & Purpose Code	
Please CHECK one in each column that best describes the activity proposed.	
Code Activity Type Code Activity Purpose	
1 Filling A Residential Improvement by homeowner	
2 Excavation B New residential development - single family	y
3 Land Clearing C New residential development - multi- family	//condo
4 Stream Channel D Commercial/Industrial Uses	
5 Stream Stabilization E Municipal Improvements	
6 Stream Clearance F Utility Company Improvements	
7 Culverting G Agriculture, Forestry or Conservation	
8 Und. Grd. Util. H Wetland Creation/Restoration	
9 Roadway Construction I Storm Water/Flood Control	
10 Drainage Improvements J Erosion/Sediment Control	
11 Pond Dredge/Dam Construction K Recreation/Boating/Navigation	No.
12 Activity Buffer/Set Back Area III L Routine Maintenance (NOT NECKSS)	ARILY "ROUTING"
13 Other: Please describe:	1

Town of Putnam 126 Church Street Putnam, CT 06260 (860) 963-6803 Phone (860) 963-5398 Fax

INLAND WETLAND COMMISSION

APPENDIX A Continued

Project Name (if applicable)	UNKIN DONUTS WALL RESTORATION
Estimate of Linear Footage affecting Wetlands	70'
Affected number of acres in which Wetlands are part of the impacted area for Multi-Family, Condos and Commercial Development	± 0.015 AC (650 S.F.)
TO BE COMPLE	ETED BY THE COMMISSION
Application Number 2021-10	Date of Receipt <u>7-6-2021 CK</u>
Application Approved (date)	
Conditions of approval if applicable	
12	
Application Denied (date)	<u>`</u>
Reason(s) for Denial	Ъ.
	*

Signature of Chairman or Secretary of Commission

Date

INLAND WETLAND COMMISSION

APPENDIX A Continued

Application Procedure

- 1. Applicant will have a map showing the property boundaries, any wetlands on the property, proposed buildings, septic area, drainage if applicable and the dimension between these areas in scale 1" 200' or less
- Applicant must provide an approximate estimate of the linear footage of the wetlands that are affected by said
 proposal. This is for multi-family, condominiums or commercial development. Contact with the Zoning Official may clarify the nature of your project

Applicant must provide an approximate estimate of the number of acres that are affected by said proposal dealing

- 3. with multi-family, condominiums and commercial development in which wetlands are part of that impacted area within the watershed.
- 4. Applicant will supply a copy of the soil scientist report with the application to the Wetlands Commission to be reviewed at the meeting by the Commission.
- 5. Applicant will have the soil scientist number the wetland flags and record the numbers of the flags on the site plan according to their location in the field. The location on the site map must match the field location.
- 6. If the applicant's estimates are not accurate, payment of the correct amount must be made before the Wetlands final approval of the application.
- 7. And any other information deemed necessary by the Commission.

	Fee Schedule	
1.	Permitted and non-regulated	\$40.00
2.	One lot regulated	\$40.00
3.	Regulated Area	
	Two (2) - Ten (10) lots	\$100.00
	Ten (10) - Twenty (20) lots	\$200.00
	Over Twenty (20+) lots	\$300.00
4.	Multi-Family/Condominium Regulated area	
	Zero (0) to Five (5) Acres	\$50.00
	Per linear foot of wetlands additional	\$0.35
	Over Five (5) acres	\$100.00
	Per linear foot of wetlands additional	\$0.35
5.	Commercial	÷
	Zero (0) to Five (5) Acres	\$100.00
	Per linear foot of wetlands additional	\$0.50 35
	Over Five (5) acres	\$300.00
	Per linear foot of wetlands additional	\$0.50
5.	Commercial Zero (0) to Five (5) Acres Per linear foot of wetlands additional Over Five (5) acres	\$1 \$3

All applications must be submitted one week prior to the regularly scheduled monthly meeting.

LIST OF AJACENT LAND OWNERS INCLUDING ACROSS THE STREET as of 6/30/2021 GIS

Dimitrios Moutoudis 21 Providence Pike (Route 44) Putnam, CT

MAP / LOT	NAME
026-026	SIM REALTY LLC PO BOX 314 THOMPSON CT 06277
026-020	CARGILL QUICK LUBE & CARWASH LLC 16 PROVIDENCE PIKE PUTNAM CT 06260
026-034	ISABEL INTERCONTINENTAL LLC 1429 ROUTE 169 WOODSTOCK CT 06281
026-071	GUILLOT ROBERT J 101 HAWKINS ROAD PUTNAM CT 06260
026-070	SILVER SKY INVESTMENT COMPANY LLC 37 SUTTON RD # 1 WEBSTER MA 01570

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21 Providence Pike (Route 44) Putnam, CT

-MA

The applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through deception or through inaccurate information.

6/23/2021 Date: Chile lef Agept for Applicant:

1 Water statement

21 Providence Pike (Route 44) Putnam, CT

The on behalf of the applicant, Killingly Engineering Associates certifies:

- A. No portion of the property on which the regulated activity is proposed is located within 500 feet of the boundary of an adjoining municipality;
- B. No traffic attributable to the completed project on the site will use streets within an adjoining municipality to enter or exit the site;
- C. No sewer or water drainage from the project site will flow through nor impact the sewage or drainage system within an adjoining municipality;
- D. Water run-off from the improved site will not impact streets or other municipal or private property within an adjoining municipality.

Mubert 6/23/2021 onne Normand Thibeault, P.E.

Dimitrios Moutoudis 21 Providence Pike (Route 44) Putnam, CT

I authorize the Putnam Inland Wetlands Agency and its members to access and inspect the subject land, at reasonable times, during the pendency of the application and for the life of the permit.

6/23/21 6/23/21 Date: Applicant: Owner: Date:

	Connecticut Department of
	ENERGY &
	ENVIRONMENTAL
	PROTECTION
79 Elm Stre	et • Hartford, CT 06106-5127

For DEEP Use Only

Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

www.ct.gov/deep

Please complete this form in accordance with the instructions on pages 2 and 3 and mail to: DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd Floor, Hartford, CT 06106 Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

	PART I: Must Be Completed By The Inland Wetlands Agency
1.	DATE ACTION WAS TAKEN: year: month:
2.	ACTION TAKEN (see instructions - one code only):
3.	WAS A PUBLIC HEARING HELD (check one)? yes no
4.	NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
	(print name) (signature)
	PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant
E	TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name):
5.	TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name): Image: Constant does this project cross municipal boundaries (check one)? yes Image: Constant
	if yes, list the other town(s) in which the activity is occurring (print name(s)):
6.	LOCATION (see instructions for information): USGS quad name: or number: 28
0.	subregional drainage basin number:
7.	NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name):
7. 8.	NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): 21 PROVIDENCE PIKE, PUTNALL
0.	briefly describe the action/project/activity (check and print information): temporary permanent description:
	RAPLACEMENT OF FAILING WING WALL & RETAINING WALL
9.	ACTIVITY PURPOSE CODE (see instructions - one code only):
10.	ACTIVITY <i>TYPE</i> CODE(S) (see instructions for codes): 2, <u>5</u> , <u>12</u> ,,
11.	WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):
	wetlands: <u><i>N.015</i></u> acres open water body: acres stream: <u>70</u> linear feet
12.	UPLAND AREA ALTERED (must provide acres): acres
13.	AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres):
DA	TE RECEIVED: PART III: To Be Completed By The DEEP DATE RETURNED TO DEEP:
FO	RM COMPLETED: YES NO FORM CORRECTED / COMPLETED: YES NO



JOSEPH R. THEROUX

~ CERTIFIED FORESTER/ SOIL SCIENTIST ~ PHONE 860-428-7992~ FAX 860-376-6842 P.O. BOX 32, VOLUNTOWN, CT. 06384 FORESTRY SERVICES ~ ENVIRONMENTAL IMPACT ASSESSMENTS WETLAND DELINEATIONS AND PERMITTING ~ E&S/SITE MONITORING WETLAND FUNCTION AND VALUE ASSESSMENTS

4/26/2021

KILLINGLY ENGINEERING ASSOCIATES P.O. BOX 421 DAYVILLE, CT. 06241

RE: WETLAND DELINEATION, 21 PROVIDENCE PIKE, PUTNAM, CT.

DEAR MR. GLAUDE,

AT YOUR REQUEST I HAVE DELINEATED THE INLAND WETLANDS AND WATERCOURSE ON THE ABOVE REFERENCED PROPERTY.

THESE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY AND THE DEFINITIONS OF WETLANDS AS FOUND IN THE CONNECTICUT STATUTES, CHAPTER 440, SECTIONS 22A-38.

FLUORESCENT PINK FLAGS WITH A CORRESPONDING LOCATION NUMBER DELINEATE THE BOUNDARY BETWEEN THE UPLAND SOILS AND THE INLAND WETLANDS AND WATERCOURSE THAT WERE FOUND.

FLAG NUMBERS WF-1-1 THROUGH WF-10 AND WF-1A THROUGH WF-13A DELINEATE THE BOUNDARY/HIGH WATER MARK OF THE WATERCOURSE THAT IS LOCATED IN THE NORTHERN PORTION OF THE PROPERTY ADJACENT TO ROUTE 44.

IN CONCLUSION, IF YOU HAVE ANY QUESTIONS CONCERNING THE DELINEATION OR THIS REPORT, PLEASE FEEL FREE TO CONTACT ME.

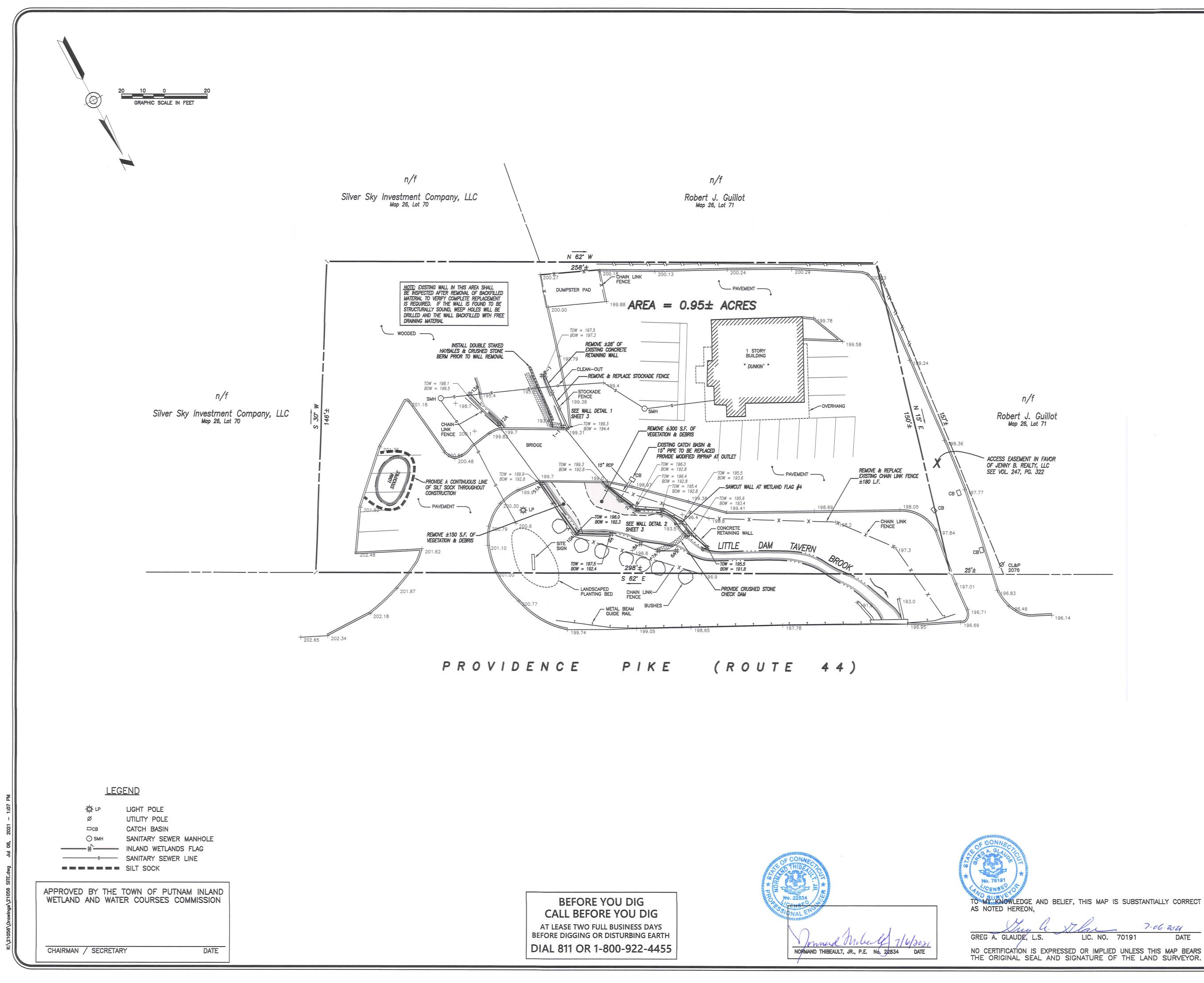
THANK YOU,

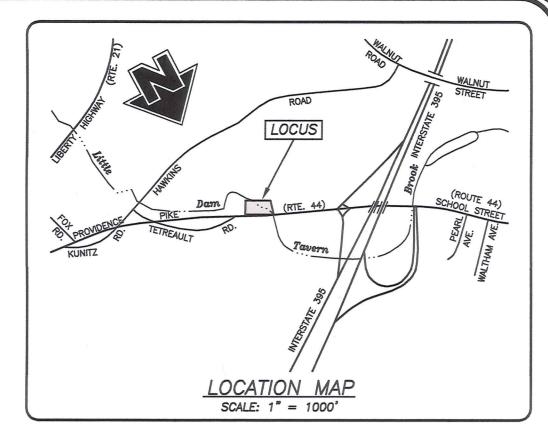
Joseph R. Theroux

JOSEPH R. THEROUX CERTIFIED SOIL SCIENTIST MEMBER SSSSNE, NSCSS, SSSA. 21 Providence Pike (Route 44) Putnam, CT

The applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through deception or through inaccurate information.

8/02/2021 Applicant: Date:





NOTES:

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 adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;

This map was prepared from record research, other maps, limited field measurements and other sources, It is not to be construed as a Property/Boundary or Limited Property /Boundary Survey and is subject to such facts as said surveys may disclose.

- This survey conforms to a Class "C" horizontal accuracy.
- Survey Type: General Location Survey.
- 2. Zone = Highway Commercial.
- 3. Owner of record: Jenny B. Realty, LLC 559 Hartford Pike Suite 11 Dayville, CT 06241
- 4. Parcel is shown as Lot #57 on Assessors Map #26.
- 5. Elevations shown are based on an assumed datum.
- 6. Wetlands shown were delineated in the field by Joseph Theroux, Certified Soil Scientist, in April 2021.

Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1-800-922-4455 or 811.

MAP REFERENCE:

	"Boundary Plan Pike (A.K.A. RT Date: 03/83 — Inc." On file in	 Prepared for - Charles Pakulis - 17 Providence 44) - Putnam, Connecticut - Scale: 1" = 50' Sheet 1 of 1 - Prepared by: Messier & Associates, the Putnam Land Records as Map #1103. 		
\square				
	DATE	DESCRIPTION		
	REVISIONS			

GENERAL LOCATION SURVEY SITE PLAN SHOWING RETAINING WALL REPAIR PREPARED FOR

DIMITRIOS MOUTOUDIS

21 PROVIDENCE PIKE (ROUTE 44) PUTNAM, CONNECTICUT

Killingly Engineering Associates Civil Engineering & Surveying

114 Westcott Road P.O. Box 421 Killingly, Connecticut 06241 (860) 779-7299 www.killinglyengineering.com

	6, 6,
DATE: 5/26/2021	DRAWN: AMR
SCALE: $1'' = 20'$	DESIGN: NET
SHEET: 1 OF 3	CHK BY: GG
DWG. No: CLIENT FILE	JOB No: 21056

EROSION AND SEDIMENT CONTROL PLAN:

- REFERENCE IS MADE TO:
- 1. Connecticut Guidelines for Soil Erosion and Sediment Control 2002 (2002 Guidelines)
- 2. U.S.D.A. N.R.C.S. Web Soil Survey.

DEVELOPMENT CONTROL PLAN:

- 1. Development of the site will be performed by the Contractor, who will be responsible for the installation and maintenance of erosion and sediment control measures required throughout construction.
- 2. The sedimentation control mechanisms shall remain in place from start of construction until permanent vegetation has been established. The representative for the Town of Putnam will be notified when sediment and erosion control structures are initially in place. Any additional soil & erosion control measures requested by the Town or its agent, shall be installed immediately. Once the proposed development, seeding and planting have been completed, the representative shall again be notified to inspect the site. The control measures will not be removed until this inspection is complete.
- 3. All stripping is to be confined to the immediate construction area. Topsoil shall be stockpiled so that slopes do not exceed 2 to 1. A hay bale sediment barrier is to surround each stockpile and a temporary vegetative cover shall be provided.
- 4. Dust control will be accomplished by spraying with water. The application of calcium chloride is not permitted adjacent to wetland resource areas or within 100' of these areas.
- 5. The proposed planting schedule is to be adhered to during the planting of disturbed areas throughout the proposed construction site.
- 6. Final stabilization of the site is to follow the procedures outlined in "Permanent Vegetative Cover". If necessary a temporary vegetative cover is to be provided until a permanent cover can be

SILT FENCE INSTALLATION AND MAINTENANCE:

- 1. Dig a 6" deep trench on the uphill side of the barrier location.
- 2. Position the posts on the downhill side of the barrier and drive the posts 1.5 feet into the ground.
- 3. Lay the bottom 6" of the fabric in the trench to prevent undermining and backfill.
- 4. Inspect and repair barrier after heavy rainfall.
- 5. Inspections will be made at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater to determine maintenance needs.
- 6. Sediment deposits are to be removed when they reach a height of 1 foot behind the barrier or half the height of the barrier and are to be deposited in an area which is not regulated by the inland wetlands commission.
- 7. Replace or repair the fence within 24 hours of observed failure. Failure of the fence has occurred when sediment fails to be retained by the fence because:
- the fence has been overtopped, undercut or bypassed by runoff water, - the fence has been moved out of position (knocked over), or
- the geotextile has decomposed or been damaged.

HAY BALE INSTALLATION AND MAINTENANCE:

- 1. Bales shall be placed as shown on the plans with the ends of the bales tightly abutting each other.
- 2. Each bale shall be securely anchored with at least 2 stakes and gaps between bales shall be wedged with straw to prevent water from passing between the bales.
- 3. Inspect bales at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inches or greater to determine maintenance needs.
- 4. Remove sediment behind the bales when it reaches half the height of the bale and deposit in an area which is not regulated by the Inland Wetlands Commission.
- 5. Replace or repair the barrier within 24 hours of observed failure. Failure of the barrier has occurred when sediment fails to be retained by the barrier because: - the barrier has been overtopped, undercut or bypassed by runoff water, - the barrier has been moved out of position, or

- the hay bales have deteriorated or been damaged.

TEMPORARY VEGETATIVE COVER:

SEED SELECTION

Grass species shall be appropriate for the season and site conditions. Appropriate species are outlined in Figure TS-2 in the 2002 Guidelines.

TIMING CONSIDERATIONS

Seed with a temporary seed mixture within 7 days after the suspension of grading work in disturbed areas where the suspension of work is expected to be more than 30 days but less than 1 year. SITE PREPARATION

Install needed erosion control measures such as diversions, grade stabilization structures, sediment basins and grassed waterways.

Grade according to plans and allow for the use of appropriate equipment for seedbed preparation, seeding, mulch application, and mulch anchoring. SEEDBED PREPARATION

Loosen the soil to a depth of 3-4 inches with a slightly roughened surface. If the area has been recently loosened or disturbed, no further roughening is required. Soil preparation can be

accomplished by tracking with a bulldozer, discing, harrowing, raking or dragging with a section of chain link fence. Avoid excessive compaction of the surface by equipment traveling back and forth over the surface. If the slope is tracked, the cleat marks shall be perpendicular to the anticipated direction of the flow of surface water.

If soil testing is not practical or feasible on small or variable sites, or where timing is critical, fertilizer may be applied at the rate of 300 pounds per acre or 7.5 pounds per 1,000 square feet of 10-10-10 or equivalent. Additionally, lime may be applied using rates given in Figure TS-1 in the 2002 Guidelines.

SEEDING

Apply seed uniformly by hand cyclone seeder, drill, cultipacker type seeder or hydroseeder at a minimum rate for the selected species. Increase seeding rates by 10% when hydroseeding.

MULCHING

Temporary seedings made during optimum seeding dates shall be mulched according to the recommendations in the 2002 Guidelines. When seeding outside of the recommended dates, increase the application of mulch to provide 95%-100% coverage.

MAINTENANCE

Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or areater for seed and mulch movement and rill erosion.

Where seed has moved or where soil erosion has occurred, determine the cause of the failure. Repair eroded areas and install additional controls if required to prevent reoccurrence of erosion.

Continue inspections until the grasses are firmly established. Grasses shall not be considered established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative cover).

PERMANENT VEGETATIVE COVER:

Refer to Permanent Seeding Measure in the 2002 Guidelines for specific applications and details related to the installation and maintenance of a permanent vegetative cover. In general, the following sequence of operations shall apply:

- 1. Topsoil will be replaced once the excavation and grading has been completed. Topsoil will be spread at a minimum compacted depth of 4".
- 2. Once the topsoil has been spread, all stones 2" or larger in any dimension will be removed as well as debris.
- 3. Apply agricultural ground limestone at a rate of 2 tons per acre or 100 lbs. per 1000 s.f. Apply 10-10-10 fertilizer or equivalent at a rate of 300 lbs. per acre or 7.5 lbs. per 1000 s.f. Work lime and fertilizer into the soil to a depth of 4". 4. Inspect seedbed before seeding. If traffic has compacted the soil, retill
- compacted areas.
- 5. Apply the chosen grass seed mix. The recommended seeding dates are: April 1 to June 15 & August 15 - October 1.
- 6. Following seeding, firm seedbed with a roller. Mulch immediately following seeding. If a permanent vegetative stand cannot be established by September 30, apply a temporary cover on the topsoil such as netting, mat or organic mulch.

DEVELOPMENT SCHEDULE/SEQUENCE OF OPERATIONS:

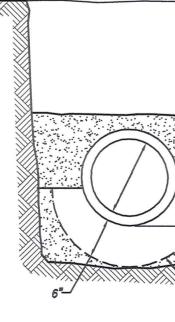
- Putnam wetlands Agent.
- 2. Contact utility companies for scheduling installation of utilities mark out.
- 3. Install traffic control/protection devices.

development plan.

- 4. Cut vegetation within the defined clearing limits and remove the cut wood. 5. Install perimeter erosion and sedimentation controls in accordance with the site
- 6. Excavate soil from behind wing walls and retaining walls to be replaced and stockpile away from wetlands areas.
- 7. Saw cut concrete walls and footings in areas shown on the plans and remove. 8. Remove unsuitable soils from beneath footing locations and replace with
- compacted crushed stone. 9. Install forms and rebar for footings and pour concrete. Rebar shall be
- inspected by the design engineer prior to pouring the concrete for footings. 10. Core catch basin and install drainage pipe to the discharge point through the
- proposed retaining wall.
- 11. When footings have dried, install forms for wingwalls/retaining walls and steel reinforcement in accordance with the plans. Rebar shall be inspected by the design engineer prior to pouring the concrete for footings.
- 12. Inspect perimeter erosion and sedimentation controls daily and after rain events in excess of 0.5" throughout the duration of the project. Repair any damaged controls and provide additional erosion control devices as necessary to address areas of concentrated runoff that may develop as a result of the construction activities. The contractor shall review discharge conditions with the design engineer or the Town of Putnam prior to installing additional erosion controls. Apply water as necessary for dust control.
- 13. Prepare sub-base for driveway repair in the vicinity of the wall construction activity as necessary for final grading.
- 14.Place topsoil where required and install any proposed landscaping or fencing per Owner.
- 15. When the remainder of the site work is near completion, sweep all paved areas for the final course of paving. Inspect erosion controls and remove any accumulated sediment.
- 16. Remove traffic control devices.
- 17. Install final course of pavement upon the completion of the final grading.
- 18. Fine grade, rake, seed and mulch to within 2' of the pavement.
- 19. Remove and dispose of all erosion controls after the site has been stabilized to the satisfaction of the Town of Putnam.

RESPONSIBLE PARTY FOR E&S MAINTENANCE:

Dimitrios Moutoudis 559 Hartford Pike - Suite 211 Killingly, CT 06241 (5860) 234-9214





APPROVED BY THE TOWN OF PUTNAM INLAND WETLAND AND WATER COURSES COMMISSION

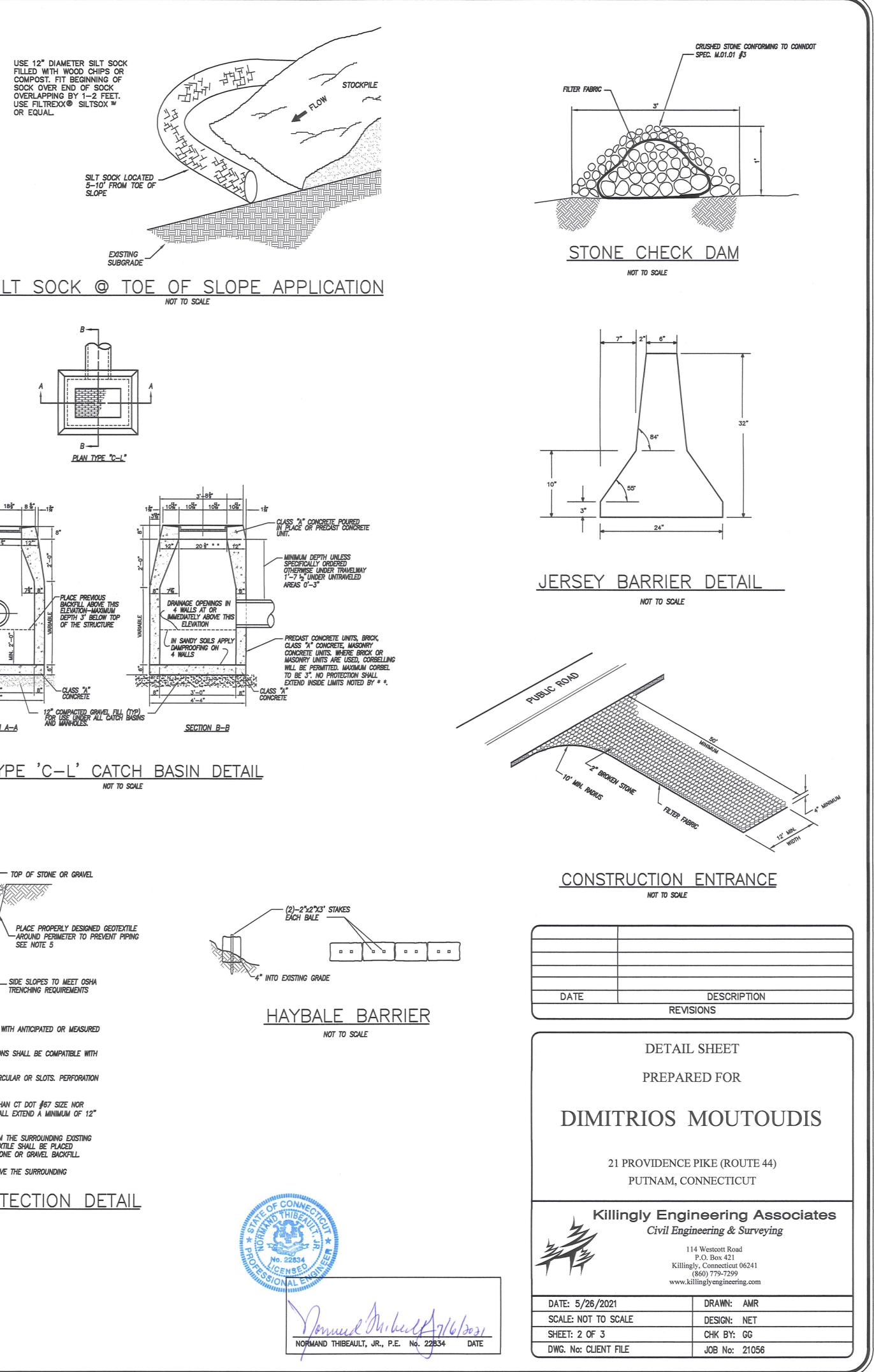
CHAIRMAN / SECRETARY

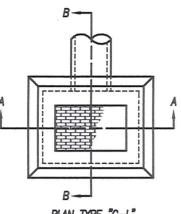
DATE

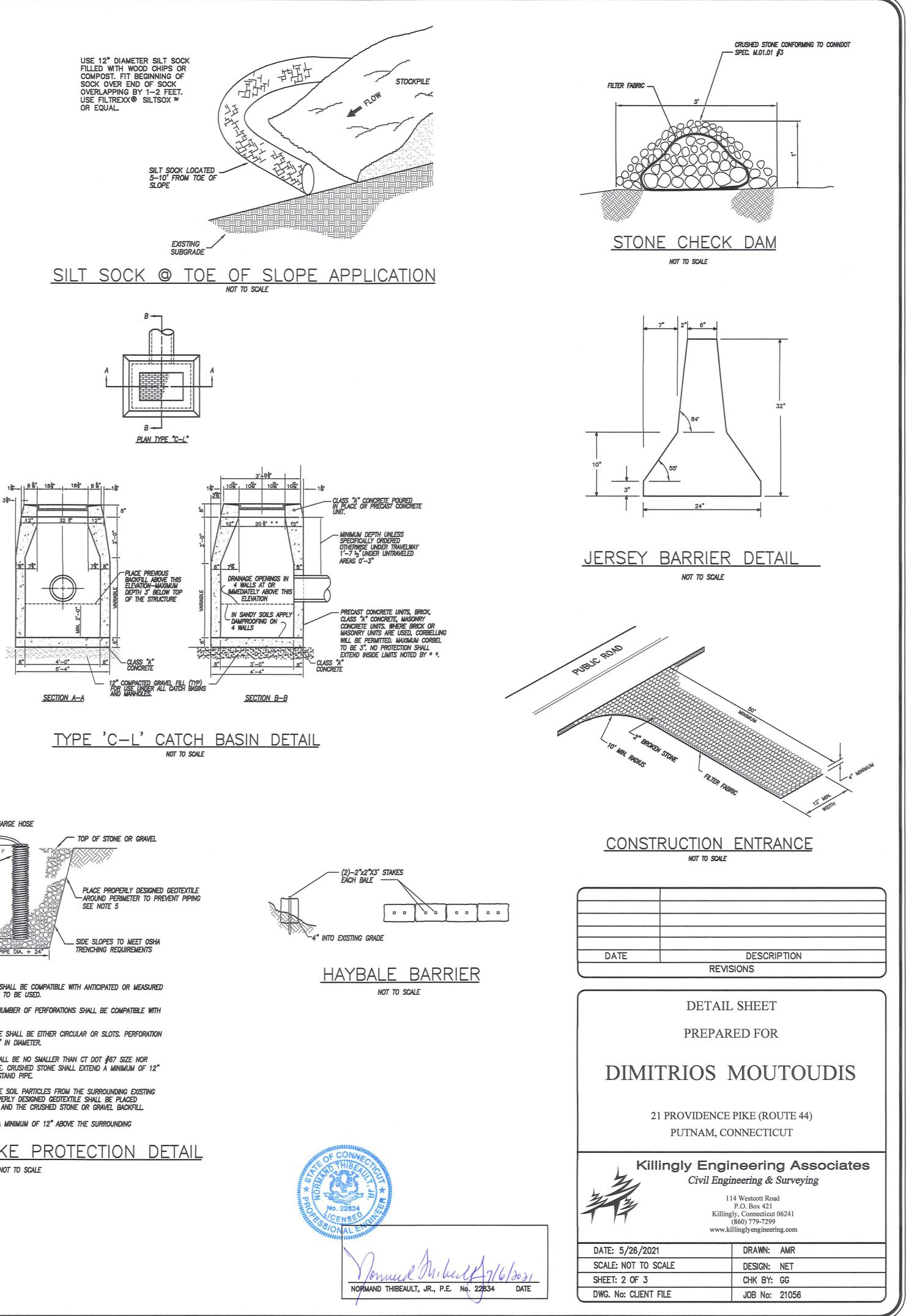
- 1. Flag the limits of disturbance and schedule preconstruction meeting with Town of

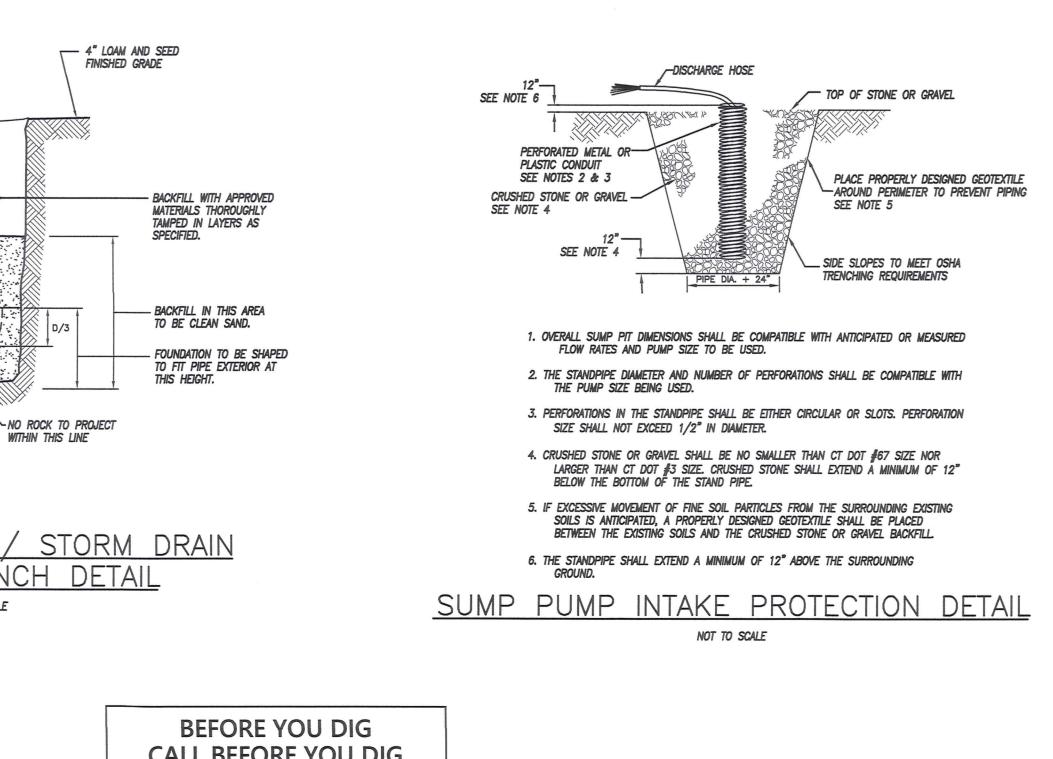
CONSTRUCTION NOTES/GENERAL PROVISIONS

- 1. The locations of existing utilities are based upon visible field observations, record mapping and interviews with the property owner and abutting property owners. They are is shown for informational purposes only. Contractor shall coordinate exploratory test hole excavation with the Engineer if necessary to verify and/or determine actual locations of some utilities & structures. It is the responsibility of the contractor to verify the location and elevation of all utilities. Contact "CALL BEFORE YOU DIG" at 1-800-922-4455, and obtain all applicable permits, prior to any excavation around utilities.
- 2. All existing site features not scheduled to remain shall be removed and disposed of in a proper manner, by the contractor.
- 3. All Materials and methods of construction shall conform to "State of Connecticut, Department of Transportation, Standard Specifications for Roads. Bridges and Incidental Construction, Form 817", and supplements thereto.
- 4. The Contractor shall obtain copies of all regulatory agency permits from the Owner prior to any site disturbance.
- 5. Unless otherwise noted on the plans, the contractor shall use the geometry provided on the construction plans. Benchmark information shall be provided to the contractor by the Owner or the Owner's surveyor. Any discrepancies between field measurements and construction plan information shall be brought to the attention of the Engineer or Surveyor immediately.
- 6. The Contractor shall not revise elevations or locations of items shown on the plans without written consent of the project Engineer or Surveyor.
- 7. The Contractor shall protect benchmarks, property corners, and other survey monuments from damage or displacement. If a marker needs to be removed, it shall be referenced by a licensed land surveyor and replaced as necessary by the same.
- 8. The Contractor shall be responsible for preparing and compacting base for proposed pavement. Owner shall provide general fill to establish subgrade - contractor shall spread and compact. Contractor shall provide, spread and compact required processed aggregate
- 9. The entire project site shall be thoroughly cleaned at the completion of the work. Clean all installed paved areas, accumulated silt and sediment, plus all adjacent areas affected by the construction activities as directed by the Owner or the jurisdictional Agency.

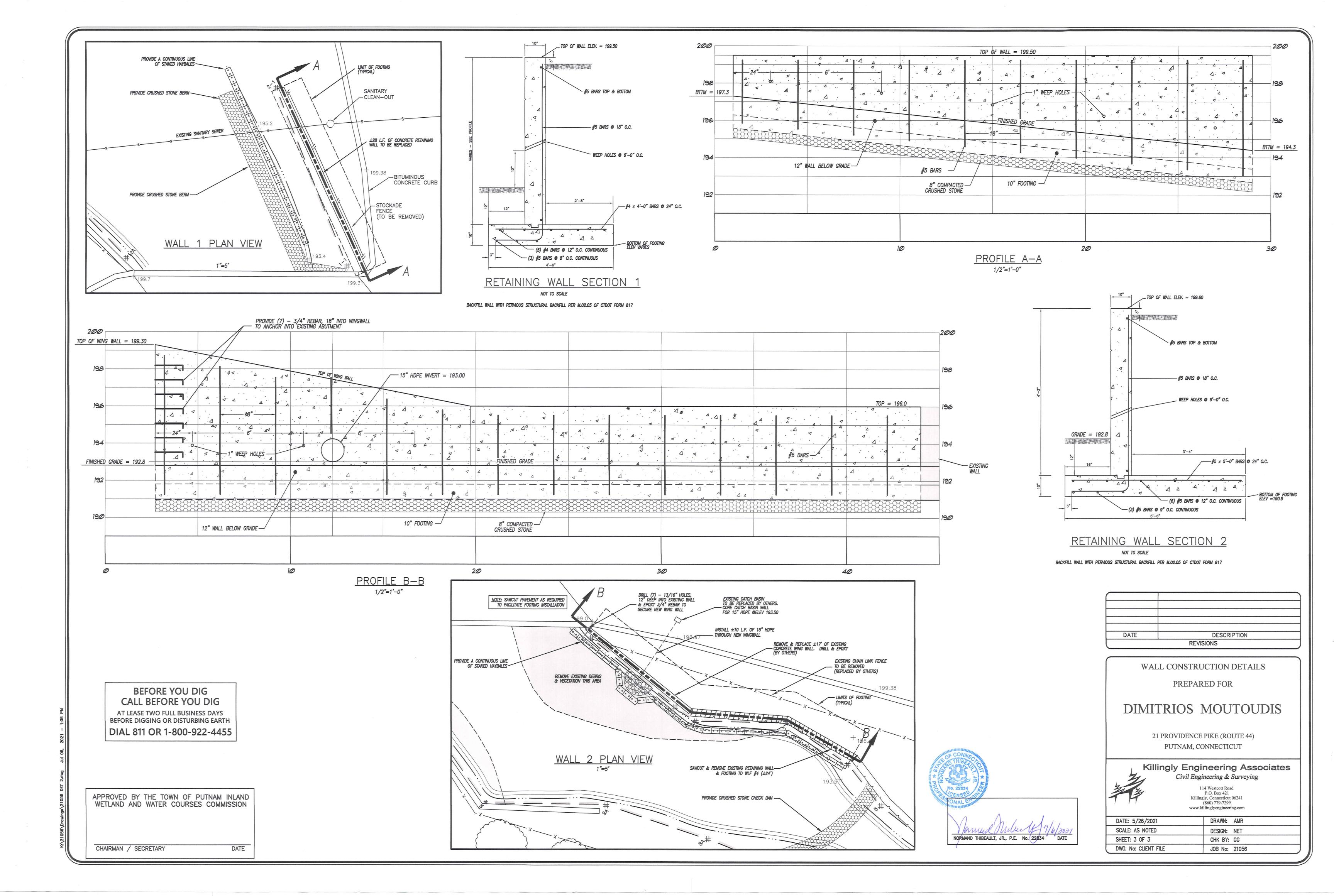


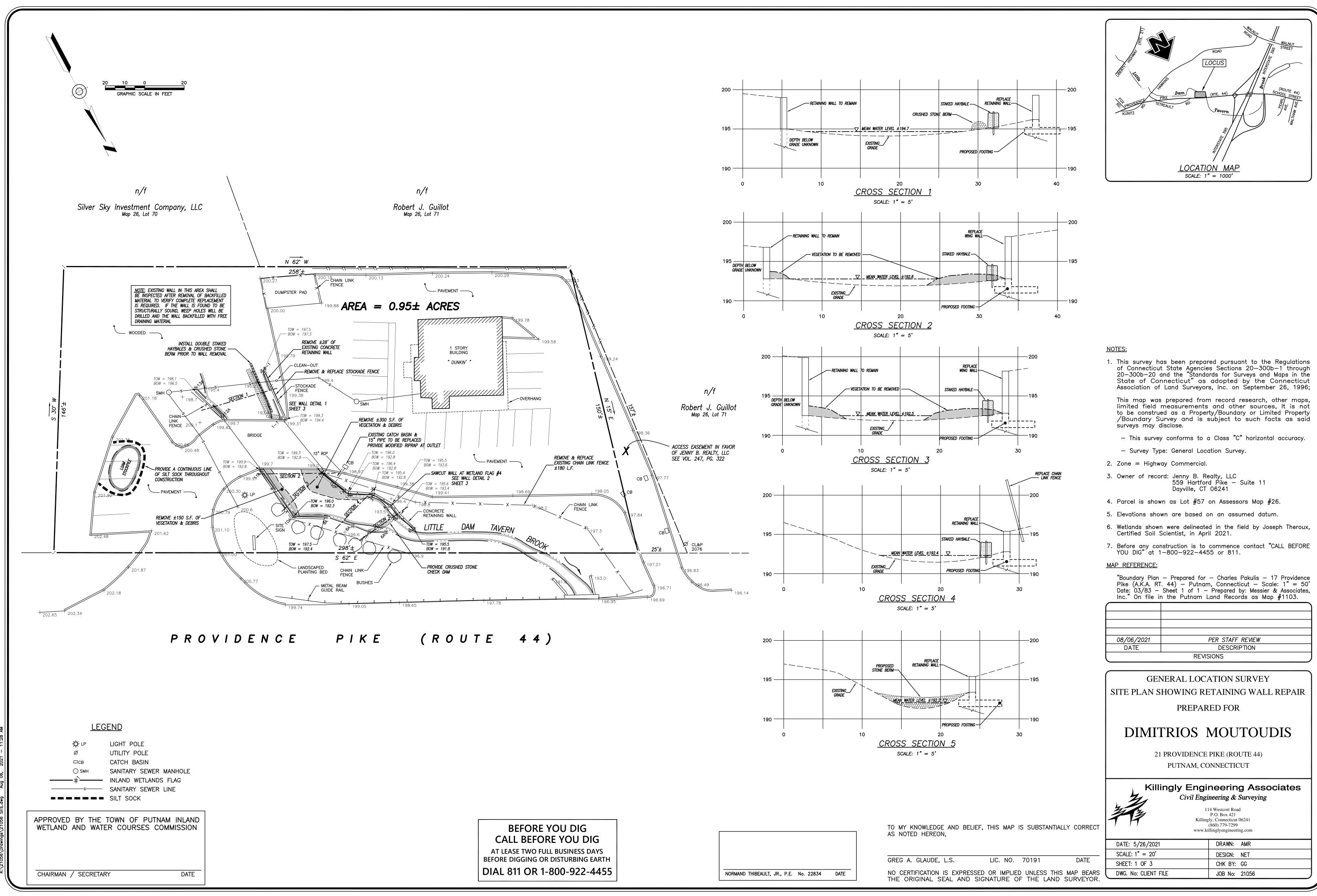






CALL BEFORE YOU DIG AT LEASE TWO FULL BUSINESS DAYS BEFORE DIGGING OR DISTURBING EARTH DIAL 811 OR 1-800-922-4455





08/06/2021	PER STAFF REVIEW	
DATE	DESCRIPTION	
REVISIONS		

DRAWN:	AMR
DESIGN:	NET
CHK BY:	GG
JOB No:	21056

EROSION AND SEDIMENT CONTROL PLAN:

- REFERENCE IS MADE TO:
- 1. Connecticut Guidelines for Soil Erosion and Sediment Control 2002 (2002 Guidelines).
- 2. U.S.D.A. N.R.C.S. Web Soil Survey

DEVELOPMENT CONTROL PLAN:

- 1. Development of the site will be performed by the Contractor, who will be responsible for the installation and maintenance of erosion and sediment control measures required throughout construction.
- 2. The sedimentation control mechanisms shall remain in place from start of construction until permanent vegetation has been established. The representative for the Town of Putnam will be notified when sediment and erosion control structures are initially in place. Any additional soil & erosion control measures requested by the Town or its agent, shall be installed immediately. Once the proposed development, seeding and planting have been completed, the representative shall again be notified to inspect the site. The control measures will not be removed until this inspection is complete.
- 3. All stripping is to be confined to the immediate construction area. Topsoil shall be stockpiled so that slopes do not exceed 2 to 1. A hay bale sediment barrier is to surround each stockpile and a temporary vegetative cover shall be provided.
- 4. Dust control will be accomplished by spraying with water. The application of calcium chloride is not permitted adjacent to wetland resource areas or within 100' of these areas.
- 5. The proposed planting schedule is to be adhered to during the planting of disturbed areas throughout the proposed construction site.
- 6. Final stabilization of the site is to follow the procedures outlined in "Permanent Vegetative Cover". If necessary a temporary vegetative cover is to be provided until a permanent cover can be

SILT FENCE INSTALLATION AND MAINTENANCE:

- 1. Dig a 6" deep trench on the uphill side of the barrier location.
- 2. Position the posts on the downhill side of the barrier and drive the posts 1.5 feet into the around.
- 3. Lay the bottom 6" of the fabric in the trench to prevent undermining and backfill.
- 4. Inspect and repair barrier after heavy rainfall.
- 5. Inspections will be made at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater to determine maintenance needs.
- 6. Sediment deposits are to be removed when they reach a height of 1 foot behind the barrier or half the height of the barrier and are to be deposited in an area which is not regulated by the inland wetlands commission
- 7. Replace or repair the fence within 24 hours of observed failure. Failure of the fence has occurred when sediment fails to be retained by the fence because:
- the fence has been overtopped, undercut or bypassed by runoff water, - the fence has been moved out of position (knocked over), or
- the geotextile has decomposed or been damaged.

HAY BALE INSTALLATION AND MAINTENANCE:

- 1. Bales shall be placed as shown on the plans with the ends of the bales tightly abutting each
- 2. Each bale shall be securely anchored with at least 2 stakes and gaps between bales shall be wedged with straw to prevent water from passing between the bales.
- 3. Inspect bales at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inches or greater to determine maintenance needs.
- 4. Remove sediment behind the bales when it reaches half the height of the bale and deposit in an area which is not regulated by the Inland Wetlands Commission.
- 5. Replace or repair the barrier within 24 hours of observed failure. Failure of the barrier has occurred when sediment fails to be retained by the barrier because: - the barrier has been overtopped, undercut or bypassed by runoff water,
- the barrier has been moved out of position, or - the hay bales have deteriorated or been damaged.

TEMPORARY VEGETATIVE COVER:

SEED SELECTION

rass species shall be appropriate for the season and site conditions. Appropriate species are outlined in Figure TS-2 in the 2002 Guidelines.

TIMING CONSIDERATIONS

Seed with a temporary seed mixture within 7 days after the suspension of grading work in disturbed areas where the suspension of work is expected to be more than 30 days but less than 1 year. SITE PREPARATION

Install needed erosion control measures such as diversions, grade stabilization structures, sediment basins and grassed waterways.

Grade according to plans and allow for the use of appropriate equipment for seedbed preparation, seeding, mulch application, and mulch anchoring.

SEEDBED PREPARATION

Loosen the soil to a depth of 3-4 inches with a slightly roughened surface. If the area has been recently loosened or disturbed, no further roughening is required. Soil preparation can be accomplished by tracking with a bulldozer, discing, harrowing, raking or dragging with a section of chain link fence. Avoid excessive compaction of the surface by equipment traveling back and forth over the surface. If the slope is tracked, the cleat marks shall be perpendicular to the anticipated direction of the flow of surface water.

If soil testing is not practical or feasible on small or variable sites, or where timing is critical, fertilizer may be applied at the rate of 300 pounds per acre or 7.5 pounds per 1,000 square feet of 10-10-10 or equivalent. Additionally, lime may be applied using rates given in Figure TS-1 in the 2002 Guidelines.

SEEDING

Apply seed uniformly by hand cyclone seeder, drill, cultipacker type seeder or hydroseeder at a minimum rate for the selected species. Increase seeding rates by 10% when hydroseeding. MULCHING

Temporary seedings made during optimum seeding dates shall be mulched according to the recommendations in the 2002 Guidelines. When seeding outside of the recommended dates, increase the application of mulch to provide 95%-100% coverage. MAINTENANCE

Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater for seed and mulch movement and rill erosion. Where seed has moved or where soil erosion has occurred, determine the cause of the failure.

Repair eroded areas and install additional controls if required to prevent reoccurrence of erosion.

Continue inspections until the grasses are firmly established. Grasses shall not be considered established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative cover).

APPROVED WETLAND	 · · · —	 	 	 	

PERMANENT VEGETATIVE COVER:

Refer to Permanent Seeding Measure in the 2002 Guidelines for specific applications and details related to the installation and maintenance of a permanent vegetative cover. In general, the following sequence of operations shall apply:

- 1. Topsoil will be replaced once the excavation and arading has been completed. Topsoil will be spread at a minimum compacted depth of 4".
- 2. Once the topsoil has been spread, all stones 2" or larger in any dimension will be removed as well as debris.
- 3. Apply agricultural ground limestone at a rate of 2 tons per acre or 100 lbs. per 1000 s.f. Apply 10-10-10 fertilizer or equivalent at a rate of 300 lbs. per acre or 7.5 lbs. per 1000 s.f. Work lime and fertilizer into the soil to a depth of 4".
- 4. Inspect seedbed before seeding. If traffic has compacted the soil, retill compacted areas.
- 5. Apply the chosen grass seed mix. The recommended seeding dates are: April 1 to June 15 & August 15 - October 1.
- 6. Following seeding, firm seedbed with a roller. Mulch immediately following seeding. If a permanent vegetative stand cannot be established by September 30, apply a temporary cover on the topsoil such as netting, mat or organic mulch

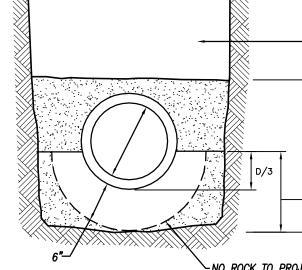
DEVELOPMENT SCHEDULE/SEQUENCE OF OPERATIONS:

- Putnam wetlands Agent.
- 2. Contact utility companies for scheduling installation of utilities mark out.
- 3. Install traffic control/protection devices.
- 4. Cut vegetation within the defined clearing limits and remove the cut wood. 5. Install perimeter erosion and sedimentation controls in accordance with the site development plan
- 6. Excavate soil from behind wing walls and retaining walls to be replaced and stockpile away from wetlands areas.
- 7. Saw cut concrete walls and footings in areas shown on the plans and remove. 8. Remove unsuitable soils from beneath footing locations and replace with compacted crushed stone.
- 9. Install forms and rebar for footings and pour concrete. Rebar shall be inspected by the design engineer prior to pouring the concrete for footings.
- 10. Core catch basin and install drainage pipe to the discharge point through the proposed retaining wall.
- 11. When footings have dried, install forms for wingwalls/retaining walls and steel reinforcement in accordance with the plans. Rebar shall be inspected by the design engineer prior to pouring the concrete for footings.
- 12.Inspect perimeter erosion and sedimentation controls daily and after rain events in excess of 0.5" throughout the duration of the project. Repair any damaged controls and provide additional erosion control devices as necessary to address areas of concentrated runoff that may develop as a result of the construction activities. The contractor shall review discharge conditions with the design engineer or the Town of Putnam prior to installing additional erosion controls. Apply water as necessary for dust control.
- 13.Prepare sub-base for driveway repair in the vicinity of the wall construction activity as necessary for final grading.
- 14.Place topsoil where required and install any proposed landscaping or fencing per Owner.
- 15. When the remainder of the site work is near completion, sweep all paved areas for the final course of paving. Inspect erosion controls and remove any accumulated sediment.
- 16. Remove traffic control devices
- 17. Install final course of pavement upon the completion of the final grading.
- 18. Fine grade, rake, seed and mulch to within 2' of the pavement.
- 19. Remove and dispose of all erosion controls after the site has been stabilized
- to the satisfaction of the Town of Putnam.

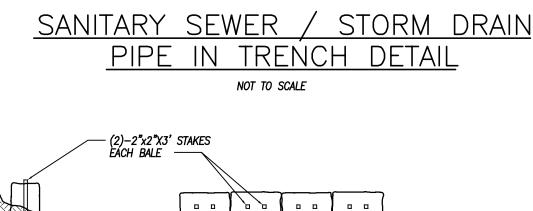
RESPONSIBLE PARTY FOR E&S MAINTENANCE:

Dimitrios Moutoudis 559 Hartford Pike - Suite 211 Killingly, CT 06241 (5860) 234-9214

X/////X



-NO ROCK TO PROJECT WITHIN THIS LINE



-4" INTO EXISTING GRADE

HAYBALE BARRIER NOT TO SCALE

CHAIRMAN / SECRETARY

DATE

- 1. Flag the limits of disturbance and schedule preconstruction meeting with Town of

 - 4" LOAM AND SEED FINISHED GRADE
 - BACKFILL WITH APPROVED MATERIALS THOROUGHLY TAMPED IN LAYERS AS

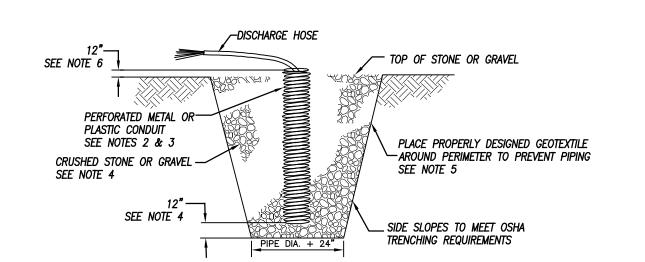
SPECIFIED.

- BACKFILL IN THIS AREA TO BE CLEAN SAND. FOUNDATION TO BE SHAPED TO FIT PIPE EXTERIOR AT THIS HEIGHT.

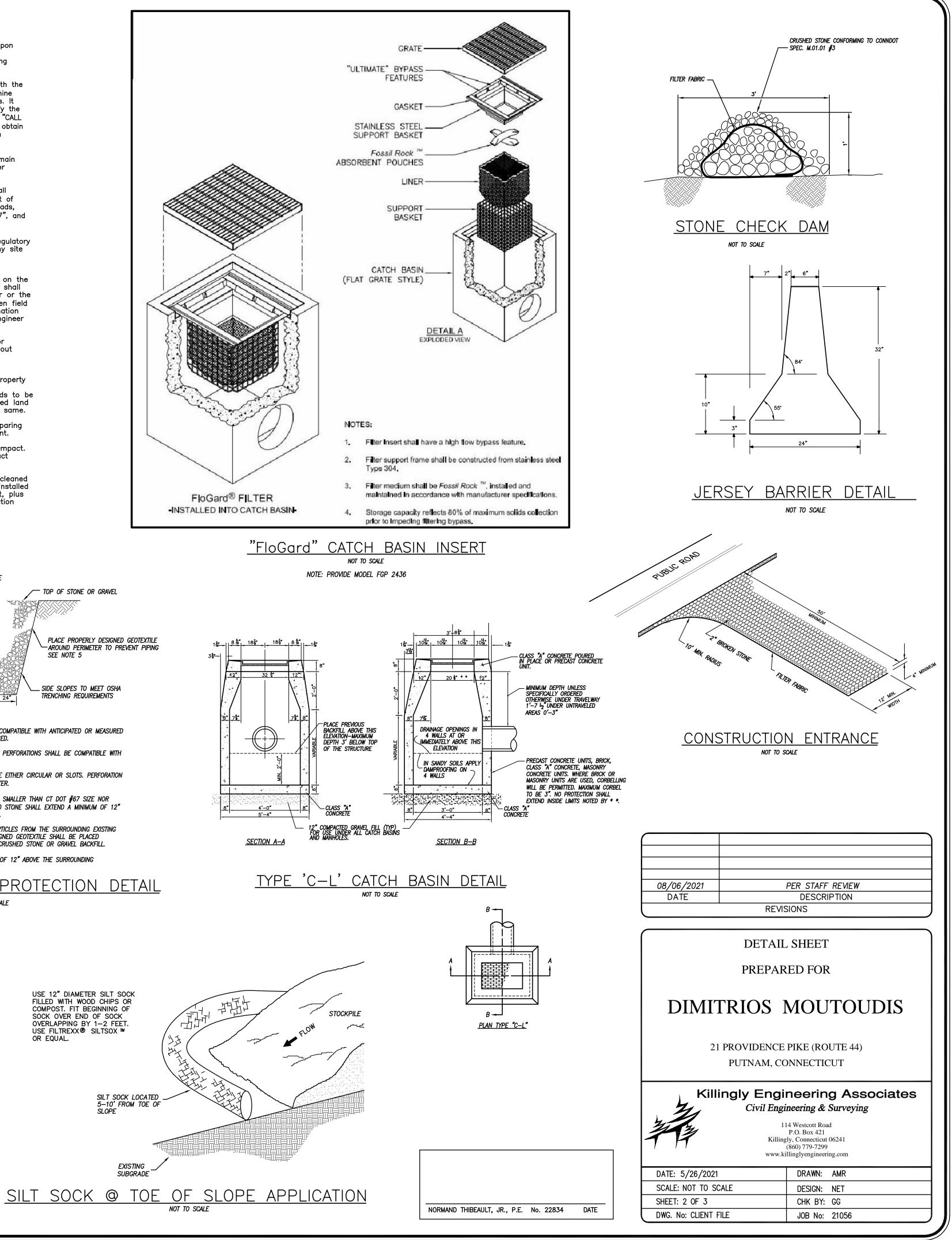
CONSTRUCTION NOTES/GENERAL PROVISIONS

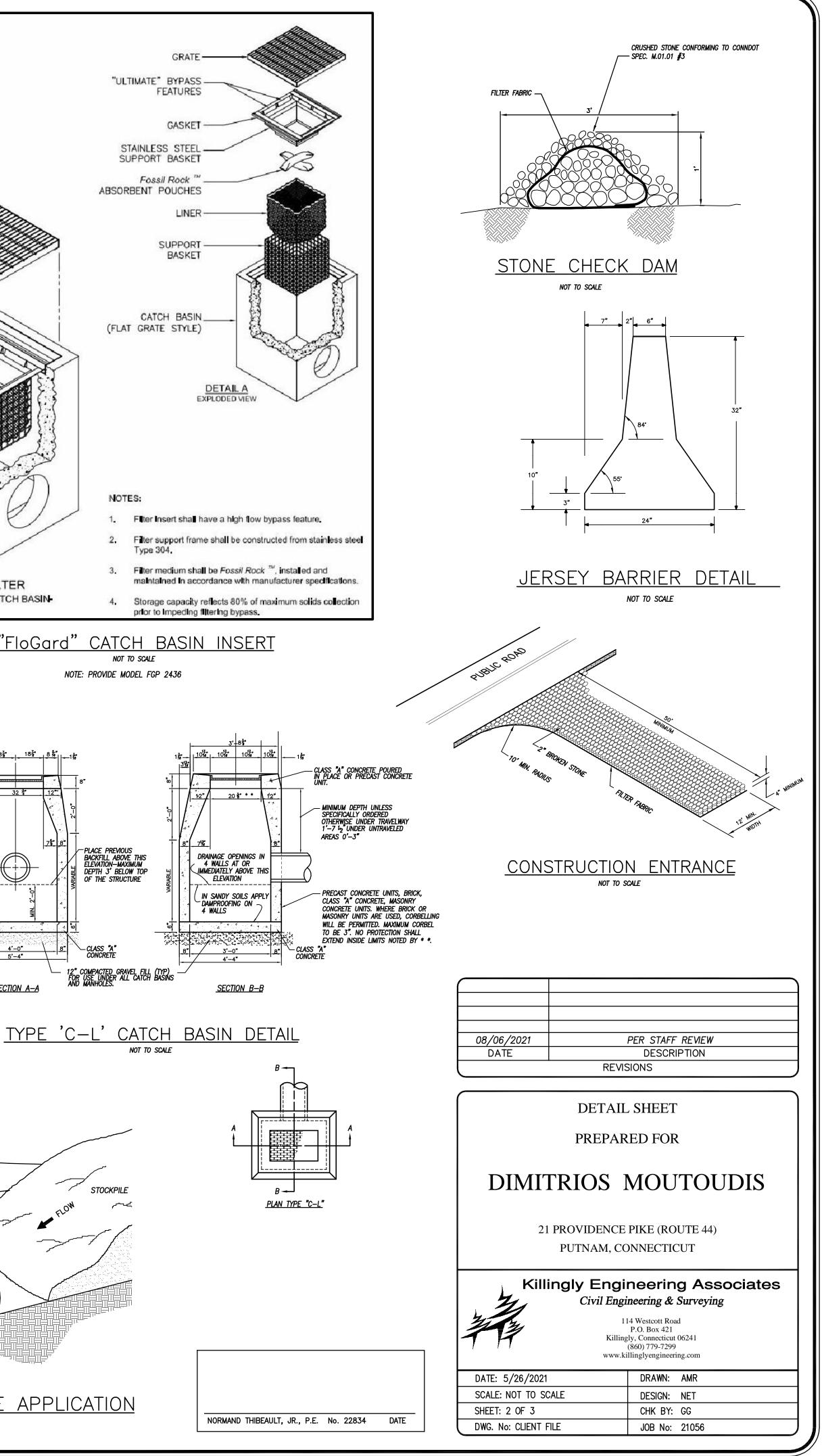
- 1. The locations of existing utilities are based upon visible field observations, record mapping and interviews with the property owner and abutting property owners. They are is shown for informational purposes only. Contractor shall coordinate exploratory test hole excavation with the Engineer if necessary to verify and/or determine actual locations of some utilities & structures. It is the responsibility of the contractor to verify the location and elevation of all utilities. Contact "CALL BEFORE YOU DIG" at 1-800-922-4455, and obtain all applicable permits, prior to any excavation around utilities.
- 2. All existing site features not scheduled to remain shall be removed and disposed of in a proper manner, by the contractor.
- 3. All Materials and methods of construction shall conform to "State of Connecticut. Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 817", and supplements thereto.
- 4. The Contractor shall obtain copies of all regulatory agency permits from the Owner prior to any site disturbance.
- 5. Unless otherwise noted on the plans, the contractor shall use the geometry provided on the construction plans. Benchmark information shall be provided to the contractor by the Owner or the Owner's surveyor. Any discrepancies between field measurements and construction plan information shall be brought to the attention of the Engineer or Surveyor immediately.
- 6. The Contractor shall not revise elevations or locations of items shown on the plans without written consent of the project Engineer or Survevor.
- 7. The Contractor shall protect benchmarks, property corners, and other survey monuments from damage or displacement. If a marker needs to be removed, it shall be referenced by a licensed land surveyor and replaced as necessary by the same.
- 8. The Contractor shall be responsible for preparing and compacting base for proposed pavement. Owner shall provide general fill to establish subgrade - contractor shall spread and compact. Contractor shall provide, spread and compact required processed aggregate
- 9. The entire project site shall be thoroughly cleaned at the completion of the work. Clean all installed paved areas, accumulated silt and sediment, plus all adjacent areas affected by the construction activities as directed by the Owner or the jurisdictional Agency.

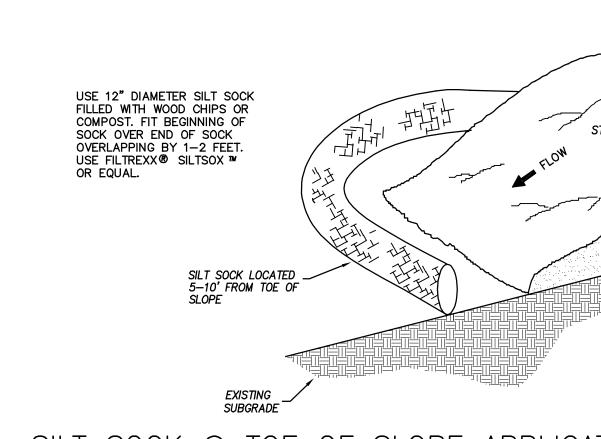
FloGard[®] FLTER -INSTALLED INTO CATCH BASIN-



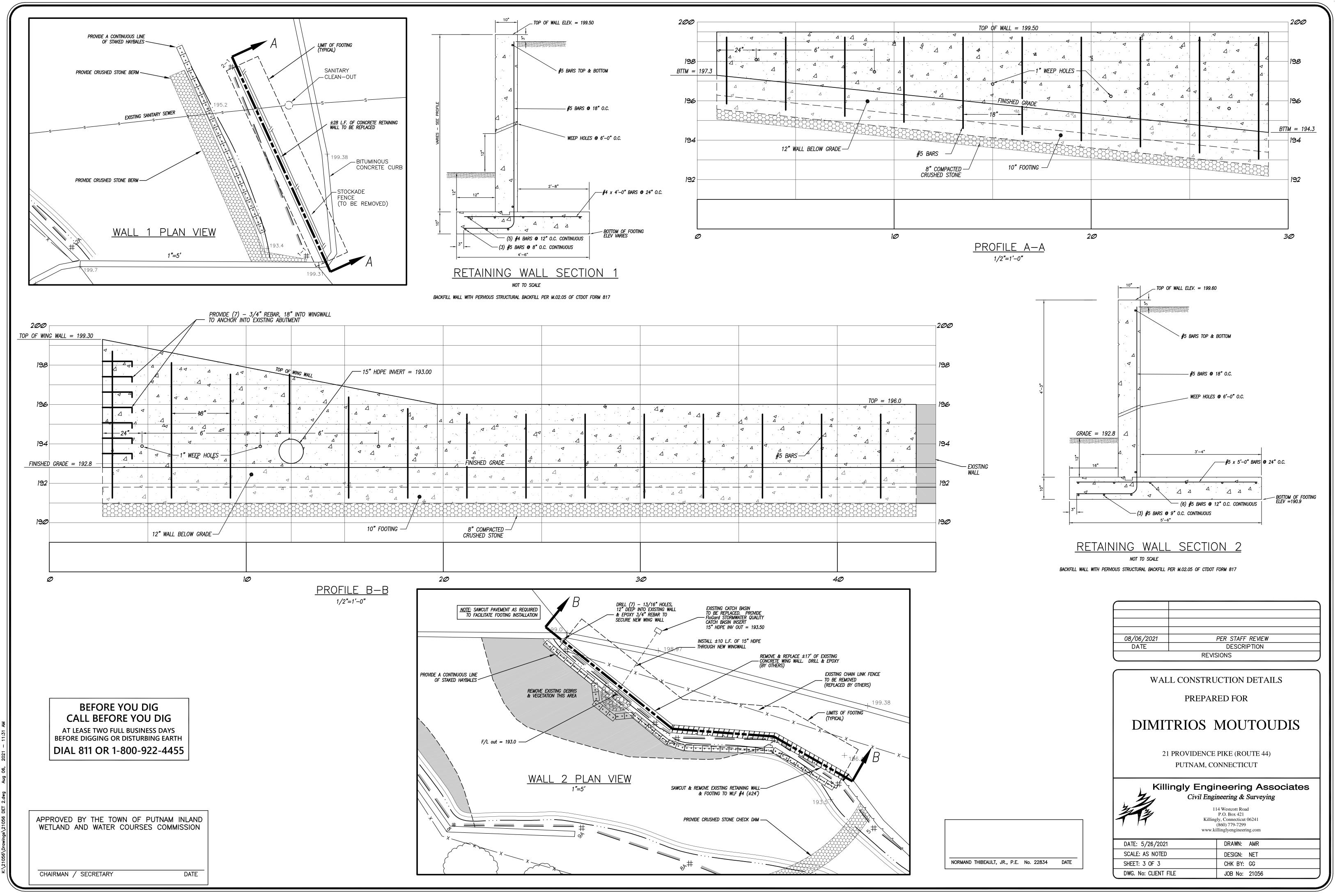
- 1. OVERALL SUMP PIT DIMENSIONS SHALL BE COMPATIBLE WITH ANTICIPATED OR MEASURED FLOW RATES AND PUMP SIZE TO BE USED.
- 2. THE STANDPIPE DIAMETER AND NUMBER OF PERFORATIONS SHALL BE COMPATIBLE WITH THE PUMP SIZE BEING USED.
- 3. PERFORATIONS IN THE STANDPIPE SHALL BE EITHER CIRCULAR OR SLOTS. PERFORATION SIZE SHALL NOT EXCEED 1/2" IN DIAMETER.
- 4. CRUSHED STONE OR GRAVEL SHALL BE NO SMALLER THAN CT DOT #67 SIZE NOR LARGER THAN CT DOT #3 SIZE. CRUSHED STONE SHALL EXTEND A MINIMUM OF 12" BELOW THE BOTTOM OF THE STAND PIPE.
- 5. IF EXCESSIVE MOVEMENT OF FINE SOIL PARTICLES FROM THE SURROUNDING EXISTING SOILS IS ANTICIPATED. A PROPERLY DESIGNED GEOTEXTILE SHALL BE PLACED
- BETWEEN THE EXISTING SOILS AND THE CRUSHED STONE OR GRAVEL BACKFILL. 6. THE STANDPIPE SHALL EXTEND A MINIMUM OF 12" ABOVE THE SURROUNDING
- SUMP PUMP INTAKE PROTECTION DETAIL NOT TO SCALE







BEFORE YOU DIG CALL BEFORE YOU DIG AT LEASE TWO FULL BUSINESS DAYS **BEFORE DIGGING OR DISTURBING EARTH** DIAL 811 OR 1-800-922-4455





TOWN OF PUTNAM

TOWN HALL 126 CHURCH STREET PUTNAM, CONNECTICUT 06260



NOTIFICATION OF VIOLATION

August 5, 2021

Jenny B Realty, LLC c/o Dimitrios Moutoudis 559 Hartford Pike, Suite 11 Dayville, CT 06241

RE: 21 Providence Pike, Dunkin Donuts Assessors Map #26 Lot #57

Dear Mr. Moutoudis,

As part of my review of the application #2021-10 to replace retaining wall/wingwalls on the subject property, I conducted a site review and found that activities had taken place which required an Inland Wetlands and Watercourses Permit. Those recent regulated activities appear to include: The removal and replacement of the paved parking lot, installation of new or replacement of existing drainage structure, installation of a drainage pipe discharging into the bank of Little Dam Tavern Brook, installation on a concrete dumpster pad, and grading of a drainage swale to the south of the new fence. Regulated activities that take place without a permit are in **Violation of Section 6 of the Town of Putnam Inland Wetlands and Watercourses Regulations**.

This letter is to notify you that:

NO FURTHER REGULATED ACTIVITY SHALL TAKE PLACE ON THIS PROPERTY WITHOUT A PERMIT

A revised site plan for the current application must be prepared to include: Provide in plan and grade location of:

- The new drainage structures in the rear of the existing building with date of installation
- All new improvements: Fence, dumpster pad, regrading behind the fence, etc.
- The site drainage system
- Site contours at a 1-foot contour interval on paved areas
- Existing and proposed cross-section details of the Little Dam Tavern Brook, including the existing and proposed retaining walls:
 - South of the bridge at the approximate center of the existing retaining wall
 - North of bridge at the bridge
 - At wetlands flag 1 to a point 6 feet south of wetlands flag 10A
 - Wetlands flag 3 to the midpoint between wetlands flags 8A, 9A
 - \circ $\,$ Along the proposed crushed stone check dam $\,$

Provide details of Little Dam Tavern Brook protection measures to be used during the removal of vegetation and debris. Provide plan and grade location and documentation of proposed stormwater improvements in compliance with CT DEEP Separate Storm Sewer Systems. The revised site plan shall be submitted to the Inland Wetlands Agent on or before **October 1, 2021,** Please note, you may need to request a time extension for the application. Upon receipt of a completed site plan as detailed herein, the Inland Wetlands and Watercourses Commission will review and act. Please contact me with any questions.

Sincerely,

Bruce Fitzback Putnam Wetlands Agent

Bruce Fitzback

From:	nthibeault@killinglyea.com
Sent:	Friday, August 6, 2021 3:02 PM
То:	Bruce Fitzback
Subject:	RE: 21 Providence Pike
Attachments:	20210806145441344.pdf; DD Putnam - 2021-08-06.pdf

Bruce – attached is the signed statement from the applicant saying he is familiar with the information provided with the application. I've also attached the plans revised per your review showing the sections you requested. I've also specified an inlet stormwater treatment insert for the catch basin to provide collection of sediment and removal of contaminants from the first 1" of stormwater runoff from the pavement.

I left you a voicemail earlier this week regarding the catch basin at the rear of the property. According to Mr. Moutoudis and his paving contractor (Pinecroft), the catch basin is a replacement for a block structure that was there previously. This structure had collapsed and the pipe that discharges to the stream from this basin (and a second basin at the southwest corner of the building), was already in place. I do not have any way of verifying this claim but upon inspection of the pipe outlet, it does not appear to be recently installed. This being said, we will certainly submit an application for the September meeting showing drainage conditions and topography for the entire property, and address your water quality concerns as well.

I look forward to presenting this application to the Commission at next week's meeting. Please feel free to call me if there are any further questions.

Norm

Normand Thibeault, Jr., P.E.

Killingly Engineering Associates

Office: 860–779–7299 Cell: 860–315–0824

From: Bruce Fitzback <Bruce.Fitzback@putnamct.us>
Sent: Monday, August 2, 2021 11:48 AM
To: nthibeault@killinglyea.com
Cc: Brenda Roy <brenda.roy@putnamct.us>; Chad Sessums <Chad.Sessums@putnamct.us>
Subject: RE: 21 Providence Pike

Norm,

First, I need a statement that the applicant is familiar with all the Information provided... signed by the applicant not his agent as provided.

Second, I want a letter from the applicant stating that he acknowledges that the actions of removing the pavement, regrading, and adding drainage that discharges directly into Little Dam Tavern Brook was in violation of the Town of Putnam Inland Wetlands and Watercourses Regulation. And that a second application will be made for the September 2021 Wetlands Meeting which will propose stormwater improvements bringing the subject property into compliance

Cc: Brenda Roy <<u>brenda.roy@putnamct.us</u>>; Chad Sessums <<u>Chad.Sessums@putnamct.us</u>> Subject: 21 Providence Pike

Good morning Norm,

I have reviewed the Inland Wetlands Commission application and the existing conditions on the subject property. The following is a list of additional information to be added to the application.

Provide plan and grade location of:

The new drainage structures in the rear of the existing build with date of instillation

The site drainage system

Site contours at a 1-foot contour interval on paved areas

Existing and proposed cross-section details of the Little Dam Tavern Brook, including the existing and proposed retaining walls:

South of the bridge at the approximate center of the existing retaining wall North of bridge at the bridge At wetlands flag 1 to a point 6 feet south of wetlands flag 10A Wetlands flag 3 to the midpoint between wetlands flags 8A, 9A

Along the proposed crushed stone check dam

Provide details of Little Dam Tavern Brook protection measures to be used during the removal of vegetation and debris Provide plan and grade location and documentation of proposed stormwater improvements in compliance with CT DEEP General Permit program, and the Town of Putnam General Permit for the Discharge of Stormwater from small Municipal Separate Storm Sewer Systems

Thank you,

Bruce Fitzback Land Use Agent Town of Putnam 126 Church Street Putnam, CT 06260 Office: 860-963-6800, x 114 Email: Bruce.Fitzback@putnamct.us