TOWN OF PUTNAM

TOWN HALL
200 SCHOOL STREET
PUTNAM, CONNECTICUT 06260

September 14, 2022

On site inspection 6:15 P.M. - 122 David Circle - Selective clearing - filling in rear of property

Inland Wetland Commission Meeting
Hybrid Meeting
September 14, 2022 7:00 P.M.
Municipal Complex Room 201 Second Floor

Join Zoom Meeting
https://us06web.zoom.us/j/84759723263?pwd=VGQ3aXlBLzFtVGtNV2NUQWw2eHB2UT09

Meeting ID: 847 5972 3263 Passcode: pzWh9m Phone 1 929 205 6099 Passcode: 523014

Agenda

1. Call to Order & Roll Call:

2. Review minutes of the August 10, 2022 meeting. VOTE REQUIRED

3. Correspondence:

   A. Letter form Peter McMorris, Dated September 7, 2022, concerning the River Rd and Modock Rd 11 Lot subdivision / Excavation Operation by "River Road LLC – 285 River Road LLC"

4. Public Participation:

5. Unfinished Business: - (Review/Discussion/Action)

   A. **Application # 2022-07** Andrew Reynolds – 122 David Circle – Selective clearing-filling in rear of property

   B. **Application # 2022-08** Jessie Barry - 271 Killingly Avenue – 1 Lot Re-Subdivision

   C. **Application # 2022-09** 285 River Road LLC – Putnam River Road LLC & 285 River Road LLC – 11 Lot Subdivision

6. New Business: - (Review/Discussion/Action)

   If the application is complete the Commission shall decide if a public hearing and/or site walk Should be held on each application and continue further action until the next month's meeting. The commission may also delegate to its duly authorized agent.

A. **Application # 2022-10** Town of Putnam – Danco Road – Bridge Repalcement

B. **Application # 2022-11** Vachon Putnam, LLC – 139 Pomfret St. – Dealership Expansion, Parking Modifications, Stormwater Modifications.

C. **Application # 2022-12** Khamphanh & Sukpaseuth Phongsa – 601 & 603 School St – Creation of a Commercial Parking Lot, Notice of Violation issued.

D. Applications Received After Agenda was Published: - (Review/Discussion/Action)

7. Other Business: POSSIBLE VOTE REQUIRED

   A. Agent Report

8. Comments By Commissioners:

9. Adjournment.

TOWN OF PUTNAM

TOWN HALL
200 SCHOOL STREET
PUTNAM, CONNECTICUT 06260

Inland Wetland Commission Meeting Minutes
August 10, 2022 7:00 P.M.
Municipal Complex Room 201 Second Floor

Roll Call:

Present: Adam Paquin-Chairman, Walter Irwin, Shannon O'Shea
Absent: Theodore Altmeier, Christine Main

Motion by Walter Irwin to seat Shannon O'Shea as an acting member, second by Adam Paquin. ALL WERE IN FAVOR

Agenda:

Review minutes of the July 13, 2022 meeting.

Motion by Walter Irwin to accept the minutes, second by Shannon O'Shea. ALL WERE IN FAVOR

Correspondence: None

Public Participation: None

Agent Report:

New Business: POSSIBLE VOTE REQUIRED

Application # 2022-06 123 Park Road LLC – 123 Park Road LLC – Construction of 2 additional storage buildings Robert Deluca owner of the property reviewed the plans of the 2 buildings proposed with the Commission. He stated that there is a channelized wetland under 395 and a Town culvert crosses the property. Buildings 8 & 10 are presently under construction. Motion by Walter Irwin to approve, second by Shannon O'Shea. ALL WERE IN FAVOR.

Other Business: POSSIBLE VOTE REQUIRED

Accepting of New Applications if applicable for the September 14, 2022 meeting.

122 David Circle-Andrew Reynolds-Proposed selective clearing, filling in rear of property.

Daniel Blanchette of J & D Civil Engineers review the application with the Commission members stating the applicant would be doing selective clearing of dead wood garbage etc. Mark Gissleson reviewed the history of the property.

Motion by Walter Irwin to add the application for 285 River Road 11 lot subdivision to the agenda, second by Shannon O'Shea. ALL WERE IN FAVOR.

Motion by Walter Irwin to accept the application for the September 14, 2022 meeting, second by Shannon O'Shea. ALL WERE IN FAVOR.

Motion by Walter Irwin to add the application for 271 Killingly Avenue 1 lot re-subdivision to the agenda, second by Shannon O'Shea. ALL WERE IN FAVOR

Motion by Walter Irwin to accept the application for the September 14, 2022 meeting, second by Shannon O'Shea. ALL WERE IN FAVOR.

Motion by Walter Irwin to table to the September 14, 2022 meeting with an on-site inspection schedule for 6:15 P.M. on September 14, 2022 meeting, second by Shannon O'Shea. ALL WERE IN FAVOR.

Agent Report:

Bruce Fitzback updated the Commission on various ongoing projects.

Walter Irwin questioned when Dunkin Donut will be starting the work at the site as the amount of time being put off was quite lengthy. Bruce Fitzback explained that they were waiting for the area to be dry.

Motion by Walter Irwin to adjourn at 7:28 P.M. second by Shannon O'Shea. ALL WERE IN FAVOR

Respectfully submitted by Brenda Roy.

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

September 7, 2022

Peter McMorris

341 River Rd

Putnam, CT 06260

Town of Putnam. Inland Wetland Commission

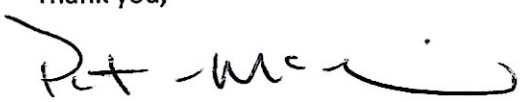
200 School St

Putnam, CT 06260

Dear Commission Members,

My wife and I live adjacent to the proposed eleven lot subdivision on River Rd and Mudock Rd and we would like to request that the Inland Wetland Commission hold a Public Hearing based on the potential for significant impact to the adjoining wetlands. Additionally, we would like to request that excavation for any gravel extraction avoid the upland review area(s). The northern pond excavation is located in the expanded 200 foot upland review area established to protect the Carpenter Brook Greenway while the southern pond excavation is located in the 100 foot upland review area established to protect a large wetland system. The upland review areas are established to provide a buffer to protect valuable wetlands and removing the upland buffer entirely for the purpose of gravel extraction is likely to introduce the potential for damage to these wetland systems. As a result, we would like to request that excavation for any gravel extraction avoid the upland review area(s) to maintain the highest possible wetland system functionality.

Thank you,



Peter McMorris

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 ANDREW REYNOLDS – Andrew Reynolds 7/25/22

Applicant's Address 122 David Circle Lot 43

Phone # A – 774-437-1819 M – 508-847-7542

Owner of Land MARC GISLESON – Marc Gisleson 7-25-22

Owner's Address 102 David Circle Lot 90

Location and description of proposed activity: Selective clearing of under brush and dead trees. Filling in rear of property within upland review area for the purpose of expanding the yard. No work proposed within flagged wetlands.

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
☐	**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
☐	**12** Activity Buffer/Set Back Area	☐	**L** Routine Maintenance
☐	**13** Other: Please describe:		

INLAND WETLAND COMMISSION

APPENDIX A *Continued*

Project Name (if applicable) _____

Estimate of Linear Footage affecting Wetlands 0 (ALL WORK WITHIN BUFFER)

Affected number of acres in which Wetlands are part of the impacted area for Multi-Family, Condos and Commercial Development 0

TO BE COMPLETED BY THE COMMISSION

Application Number _____ Date of Receipt 7-28-2022 ck# 103

Application Approved (date) _____

Conditions of approval if applicable _____

Application Denied (date) _____

Reason(s) for Denial _____

_____ _____

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

2. 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

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

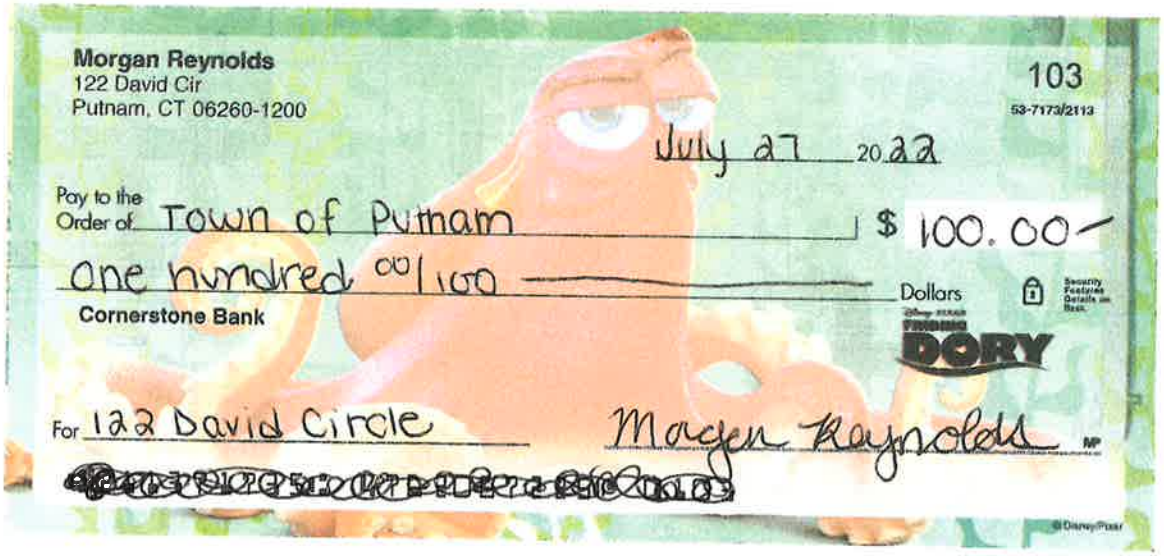
6. If the applicant's estimates are not accurate, payment of the correct amount must be made before the Wetlands final approval of the application.

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
	Over Five (5) acres	$300.00
	Per linear foot of wetlands additional	$0.50

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


Morgan Reynolds
122 David Cir
Putnam, CT 06260-1200
103
53-7173/2113
July 27 2022
Pay to the Order of Town of Putnam
$ 100.00
One hundred 00/100
Dollars
Cornerstone Bank
FINDING DORY
For 122 David Circle
Morgan Reynolds
Disney/Pixar

May 2, 2022

Mr & Mrs Andrew Reynolds
122 David Cir
Putnam CT 06260

Subject: abutting land

Andrew,

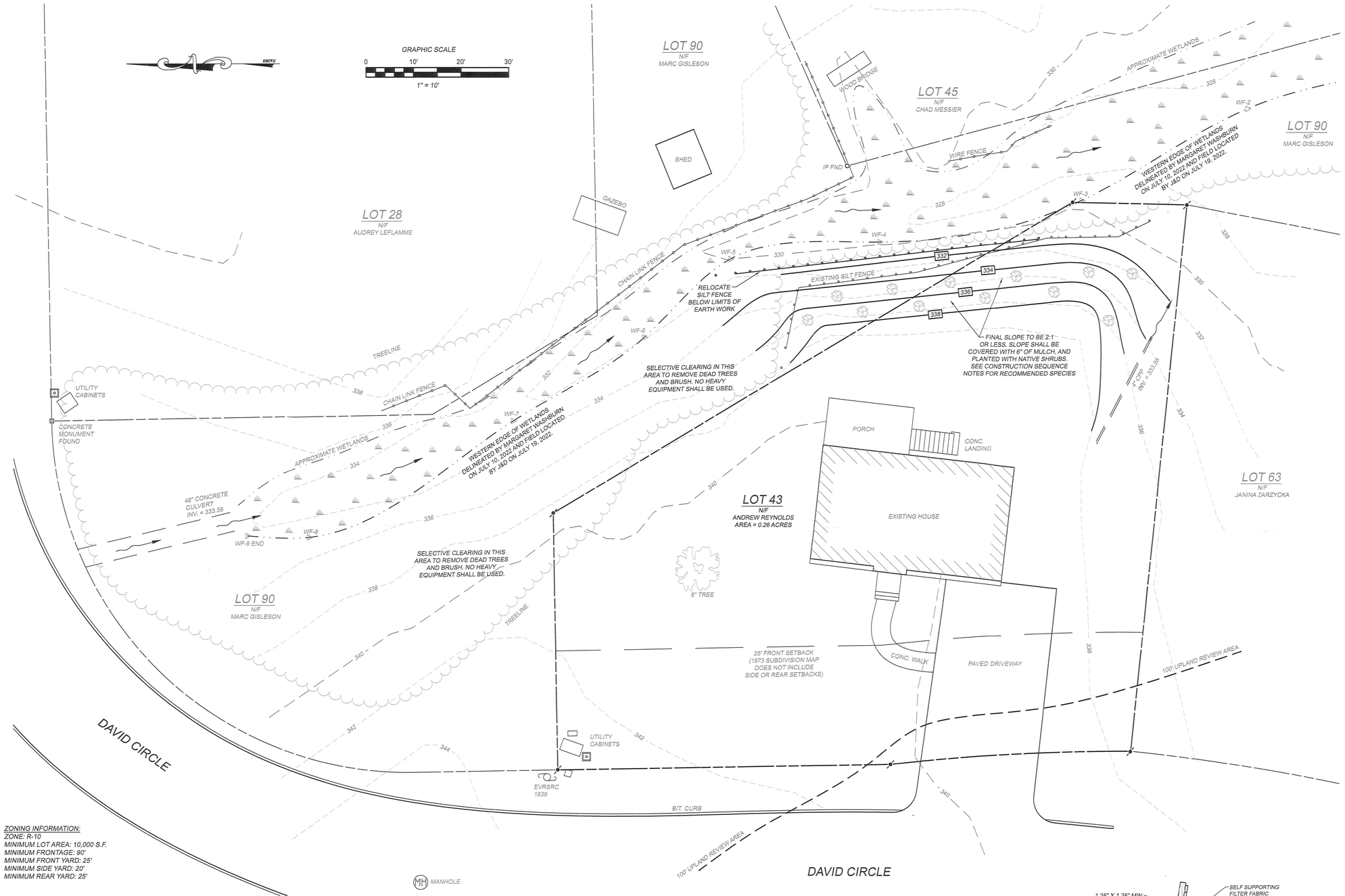
This letter grants you permission to fill land behind your house at 122 David Circle, Putnam CT
This permission is given in anticipation of your purchasing said land.
Any costs associated with fill are purely your costs.
We make no commitment to 'refund' any associated costs if you decide not to pursue the purchase of said land.

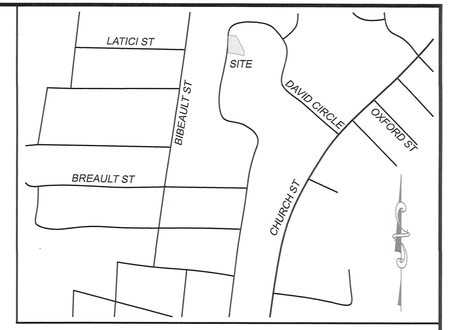
I will schedule a meeting with J & D Civil Engineers, Thompson CT as soon all parties are available.

Regards,

Marc Gisleson

Marc Gisleson
28 David Cir
Putnam CT 06260
508.847.7542





LOCATION MAP
1" = 500'

SURVEY NOTES

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

SURVEY TYPE: TOPOGRAPHIC AND GENERAL LOCATION

BOUNDARY DETERMINATION CATEGORY: NONE

HORIZONTAL ACCURACY: CLASS B, CLASS T2

PURPOSE: TO DESIGN A GRADING PLAN

2. REFERENCE PLANS:
(A) WOODYBROOK ACRES. PREPARED BY ALBERT FITZBACK. PREPARED FOR NORMAN POULIN. DATED MAY 5, 1973. SCALE 1" = 40". ON FILE WITH THE TOWN OF PUTNAM AS MAP NUMBER 553.

(B) BOUNDARY LINE ADJUSTMENT. PREPARED FOR MARC B. GISLESON. PREPARED BY J&D CIVIL ENGINEERS. SCALE 1" = 40'. PREPARED ON SEPTEMBER 25, 2020.

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

DENNIS R. BLANCHETTE — DATE 9/5/22 — LICENSE # 12107

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE
© 2022 J&D CIVIL ENGINEERS, LLC

LEGEND

- EXISTING IRON ROD DRILL HOLE
- EXISTING PROPERTY LINE
- BUILDING SETBACK
- UTILITIES
- TREELINE
- FENCE
- EDGE OF WETLANDS

ZONING INFORMATION:
ZONE: R-10
MINIMUM LOT AREA: 10,000 S.F.
MINIMUM FRONTAGE: 90'
MINIMUM FRONT YARD: 25'
MINIMUM SIDE YARD: 20'
MINIMUM REAR YARD: 25'

LOT 43 - PROPERTY OWNER
ANDREW REYNOLDS

REFERENCE DEED
PUTNAM LAND RECORDS
VOL. 831 PG. 154

ASSESSORS REFERENCE
MAP 3 LOT 43

LOT 90 - PROPERTY OWNER
MARC GISELSON

REFERENCE DEED
PUTNAM LAND RECORDS
VOL. 134 PG. 112

ASSESSORS REFERENCE
MAP 3 LOT 90

APPROVED
INLAND WETLANDS COMMISSION

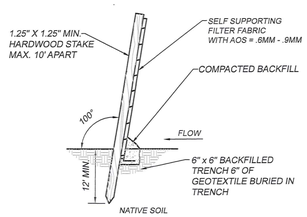
CHAIRMAN DATE

CONSTRUCTION SEQUENCE

1. STRIP TOPSOIL AND STOCKPILE.
2. PLACE FILL AS SHOWN ON THE SITE PLAN. ALL FILL SHALL BE PLACED IN 6 INCH LIFTS AND THOROUGHLY COMPACTED TO PREVENT SETTLING OR EROSION.
3. SPREAD TOPSOIL OVER DISTURBED AREAS, WITH A MINIMUM THICKNESS OF 4 INCHES, AND PLANT WITH GRASS SEED MIXTURE.
4. PLANT NATIVE SHRUBS (SWEET PEPPER BUSH, BLUEBERRY, WINTERBERRY, SERVICEBERRY, ARROWWOOD VIBURNUM, SASSAFRAS, MOUNTAIN LAUREL, WITCH HAZEL, ETC.) ALONG THE STEEP 2:1 SLOPE ABOVE THE WETLANDS.
5. ONCE TURF IS ESTABLISHED, REMOVE EROSION CONTROL DEVICES.

EROSION AND SEDIMENT CONTROL NOTES

1. THE GOAL OF EROSION CONTROL ON THIS PROJECT SHALL BE ENSURING THAT NO ERODED SEDIMENT TRAVELS INTO THE ADJACENT RIVER OR WETLANDS.
2. THE OWNER SHALL INSTALL EROSION CONTROL MEASURES CONSISTING OF SILT FENCE, SILT SOCK, HAY BALES, OR WOOD CHIPS WHERE INDICATED ON THE PLANS PRIOR TO THE START OF EXCAVATION. IF CONDITIONS WARRANT IT, THE OWNER SHALL INSTALL ADDITIONAL EROSION CONTROL DEVICES BEYOND WHAT IS INDICATED ON THE PLAN TO MEET THE GOALS OF EROSION CONTROL.
3. EROSION CONTROL DEVICES WILL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS ESTABLISHED.
4. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM, AND SEEDED OR STABILIZED WITH TEMPORARY MULCH AS SOON AS POSSIBLE.



SILT FENCE INSTALLATION
NOT TO SCALE

GRADING PLAN
PREPARED FOR
ANDREW REYNOLDS
122 DAVID CIRCLE, PUTNAM, CT
MAP 3 LOT 43

J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

STATE OF CONNECTICUT — DANIEL D. BLANCHETTE — 31338 — LICENSED PROFESSIONAL ENGINEER

DESIGNED: DDB
CHECKED: JJB

REVISIONS:
2022-08-31 IWWC COMMENTS

JOB NO: 22174 | DATE: JULY 26, 2022
SCALE: 1" = 10' | SHEET: 1 OF 1

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: Jesse S Barry Paola A Garces

Applicant's Address: 1043 Hartford Pike Dayville CT 06241

Phone #: 774-696-2700

Owner of Land: Jesse S Barry Paola A Garces

Owner's Address: 1043 Harford Pike Dayville CT 06241

Location and description of proposed activity: 271 Killingly Ave. New construction of residential dwelling, well, septic, and driveway. Future garage / shop with driveway, and swimming pool. Divert stormwater by creating a drainage swale.

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
☐	**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
☑	**12** Activity Buffer/Set Back Area	☐	**L** Routine Maintenance
☐	**13** Other: Please describe:		

INLAND WETLAND COMMISSION

APPENDIX A *Continued*

Project Name (if applicable) Jesse Barry, Paola Garces

Estimate of Linear Footage affecting Wetlands n/a

Affected number of acres in which Wetlands are part of the impacted area for Multi-Family, Condos and Commercial Development n/a

TO BE COMPLETED BY THE COMMISSION

Application Number 2022-08

Date of Receipt 8/9/2022

RECEIVED
AUG 09 2022
By

Application Approved (date) _____

Conditions of approval if applicable _____

Application Denied (date) _____

Reason(s) for Denial _____

_____
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

2. 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

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

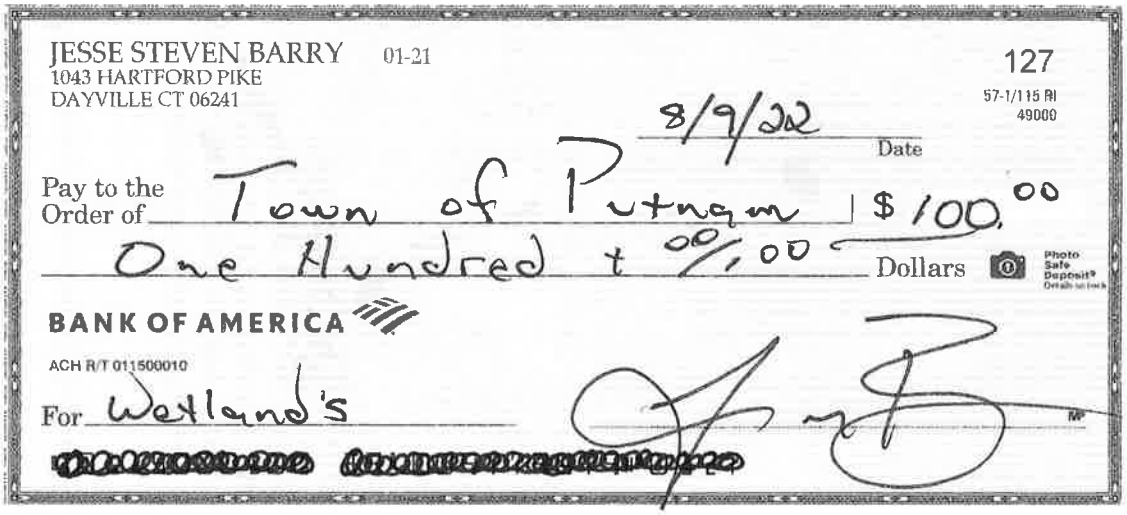
6. If the applicant's estimates are not accurate, payment of the correct amount must be made before the Wetlands final approval of the application.

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
	Over Five (5) acres	$300.00
	Per linear foot of wetlands additional	$0.50

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



JESSE STEVEN BARRY 01-21
1043 HARTFORD PIKE
DAYVILLE CT 06241

127
57-1/115 RI
49000

8/9/22
Date

Pay to the Order of Town of Putnam $ 100.00

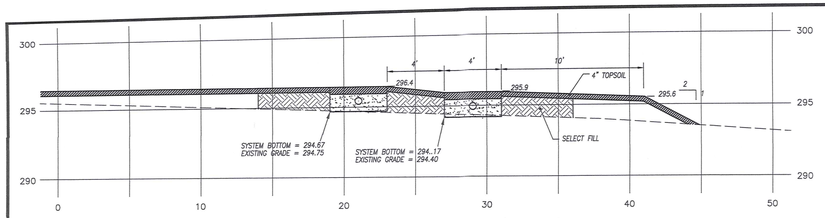
One Hundred t 00/100 Dollars

Photo Safe Deposit?

BANK OF AMERICA

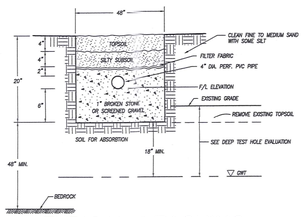
ACH R/T 011500010

For Wetland's



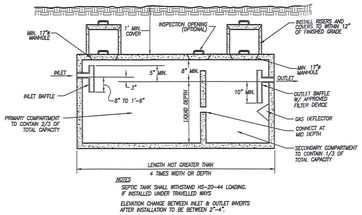
CROSS SECTION 'A–A'

SCALE; 1" = 5'



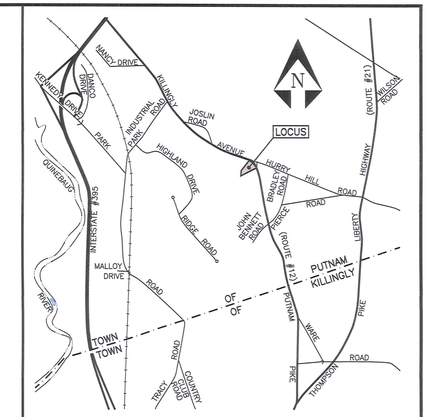
TYPICAL LEACHING TRENCH SECTION

NOT TO SCALE



1,250 GALLON TWO–COMPARTMENT SEPTIC TANK

NOT TO SCALE



LOCATION PLAN

SCALE: 1" = 2000'

EROSION & SEDIMENTATION NOTES AND SEQUENCE OF OPERATIONS

1. The proposed activity consists of the construction of a 5 bedroom house, driveway, septic system and well.
2. Prior to any construction, excavation or filling, all improvements shall be accurately staked in the field by a land surveyor registered in the State of Connecticut.
3. After field staking all erosion sedimentation control devices as shown on the plan and as detailed shall be installed. Properly installed haybales maybe used in lieu of silt fence.
4. All trees and brush within the areas of disturbance shall be removed. All limbs and saplings less than 4" in caliper shall be chipped and stockpiled for later reuse as slope stabilization and mulch material. All trees in excess of 4" in caliper shall be removed from the site and disposed of in a manner consistent with State, Federal, and local regulations. Stumps shall be excavated from the area of disturbance and likewise disposed of in a manner consistent with all applicable laws.
5. Final grades shall be achieved as quickly as possible, and immediately thereafter, sideslopes shall be stabilized with 4" of topsoil. The area shall be seeded and mulched with straw mulch in accordance with the specifications contained herein.
6. All erosion and sedimentation control measures shall be constructed in accordance with standards and specifications of the "Connecticut Guidelines for Soil Erosion and Sedimentation Control (1985)", as amended
7. All control measures shall be maintained in effective conditions throughout the construction period and shall be inspected periodically but not less than once per month, and after a total rainfall in one storm event of 1 inch in 24 hours. Sediment shall be promptly removed from control structures and disposed of on–site in upland areas outside the buffer zone of wetlands. Any silt fence or hay bales damaged as a result of a storm event or construction activities, shall be immediately repaired.
8. The Town of Putnam shall be notified prior to commencement of construction and at key point during construction so that inspections of erosion and sedimentation control measures can be scheduled.
9. The responsibility for implementation of this plan shall rest with Jess Barry & Paola A. Garces, 1043 Hartford Pike, Dayville, CT 06241, Telephone: (774) 696–2700
10. Seed Mixture:

UPON ACHIEVEMENT OF FINAL GRADES, 4" OF TOPSOIL SHALL BE SPREAD AND SEEDED WITH FOLLOWING MIX:	
SEED	LBS./1000 S.F.
CREEPING RED FESCUE	0.45
REDTOP	0.05
PERENNIAL RYEGRASS	0.20
KENTUCKY BLUEGRASS	0.15
TOTAL:	0.85
AFTER SEEDING IS COMPLETE SPREAD MULCH AT THE RATE OF 1 HAYBALE/500 S.F.	

11. Schedule of construction actuaries:

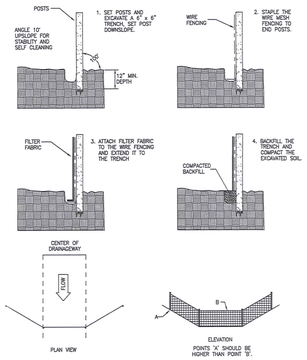
Lot Clearing:	Sep 1 – Oct 1
Site Grading and Foundation Construction:	Oct 1 – Oct 15
Driveway and Septic System Installation:	Oct 15 – Nov 1
Building Construction:	Nov 1 – Jan 1 2022
Loam and Seeding:	Apr 1 – Apr15, 2022

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 adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;
   - Survey Type: Topographic Survey
   - Topographic features conform to a Class "T–2", "V–3" vertical accuracy.
   - Boundary lines and easement lines shown conform to a Class "D" horizontal accuracy and were compiled from other maps, record research or other sources of information, not to be construed as having been obtained as the result of a field survey, and subject to such change as an accurate field survey may disclose.
2. Owner/Applicant: Jesse Barry & Paola Garces
   1043 Hartford Pike
   Dayville, CT 06241
3. Parcel is shown as Lot #89 on Assessors Tax Map #38.
4. Wetlands shown were flagged in the field by Robert Russo, Certified Soil Scientist and taken from map referenced below
5. Elevations based on assumed datum. Contours taken from map reference #1 Contour Interval = 2'.
6. Parcel Shown is located in Zone X as shown on FEMA Flood Insurance Rate Map 090194 0004 B. Effective Date: October 18, 1988.
11. The location of utilities serving each lot shall be coordinated with the utility companies and all utilities installed underground.

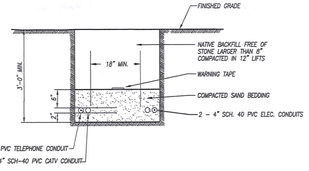
MAP REFERENCE:

1. "Proposed Improvement Location Plan Prepared for Steven & Tanya Barry – Killingly Avenue (Connecticut Route #12) – Putnam, Connecticut – Scale: 1" = 40' – Dated July 2012 – Revised to December 14, 2012 – Prepared By Messier & Associates, Inc."



SILT FENCE

NOT TO SCALE



U/G UTILITIES CONDUIT IN TRENCH

NOT TO SCALE

NOTE: 1. CONTRACTOR TO VERIFY SIZES OF CONDUITS WITH RESPECTIVE UTILITY COMPANIES
2. SCH–40 RIGID GALVANIZED STEEL SHALL BE USED FOR ALL SWEEPS

SEPTIC SYSTEM CONSTRUCTION NOTES

1. The building and septic system shall be accurately staked in the field prior to construction by a licensed Land Surveyor in the State of Connecticut.
2. Topsoil shall be removed and the area of primary leaching field scarified prior to placement of fill. Fill shall meet the gradation requirements noted below. Fill material shall be approved by the engineer or the sanitarian prior to placement. It shall be compacted in six–inch lifts and shall extend a minimum of fifteen feet (15') beyond the last leaching trench before tapering off.

   Septic System Fill Gradation Requirements

   Coarse Fraction (less than 3" and greater than No. 4 sieve): 45% Max.

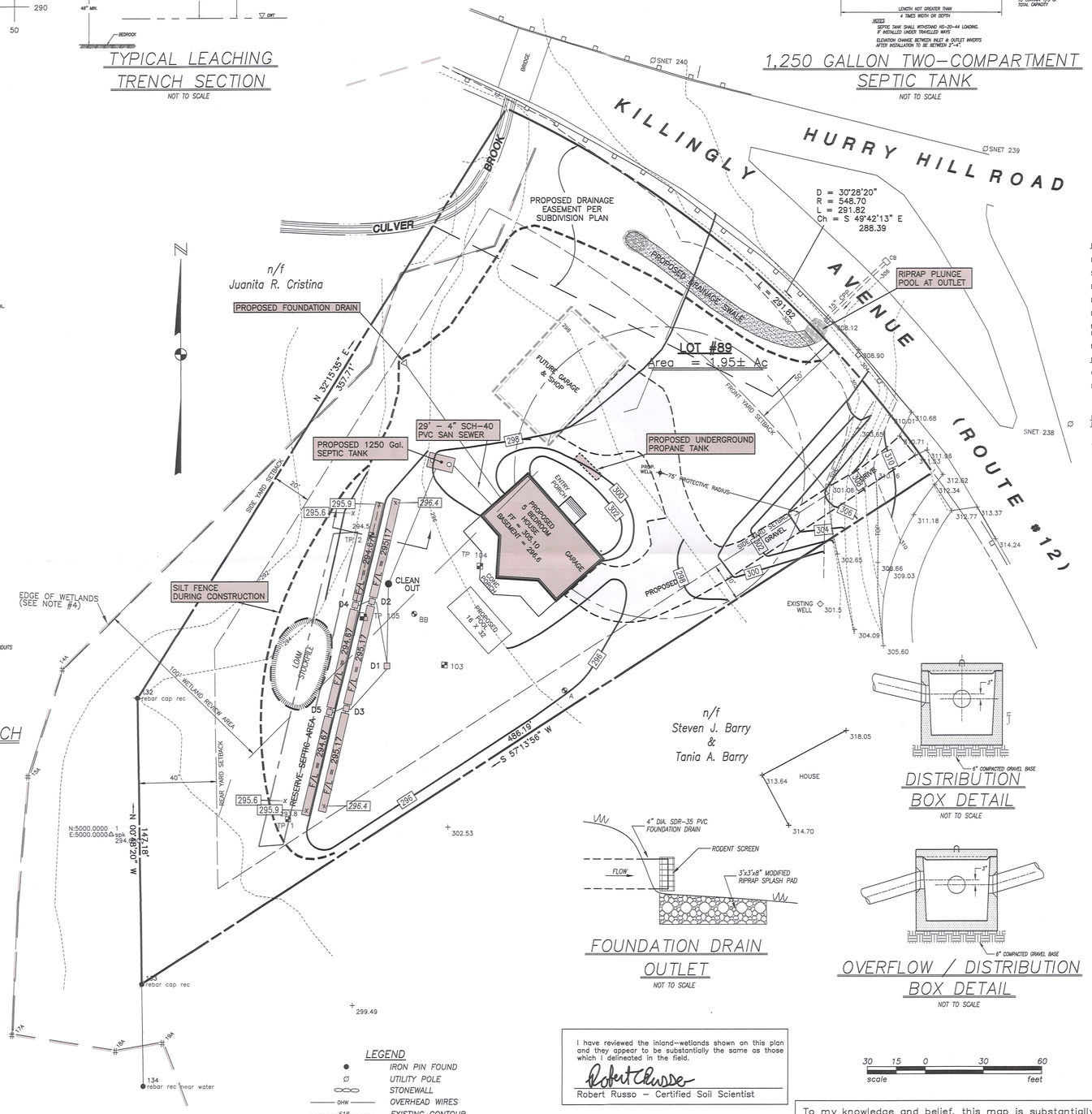
   Fine Fraction:

	Percent Passing	
Sieve	WET	DRY
No. 4	100	100
No. 10	70–100	70–100
No. 40	10–50*	10–75
No. 100	0–20	0–5
No. 200	0–5	0–2.5

   Percent passing the #40 sieve can be increased to no greater than 75% if the percent passing the #100 sieve does not exceed 10% and the #200 sieve does not exceed 5%.
3. All precast structures such as septic tanks, distribution boxes, etc. shall be set level on six inches (6") of compacted gravel base at the elevations specified on the plans.

   Solid distribution pipe shall be 4" diameter SDR–35 PVC MEETING ASTM D–3034 with compression gasket joints. It shall be laid true to the lines and grades shown on the plans and in no case have a slope less than 0.125 inches per foot.
4. Perforated distribution pipe shall be 4" diameter PVC meeting ASTM D–2729 or D–3350, 1500 lb. minimum crush.
5. Sewer pipe from the foundation wall to the septic tank shall be centrifically cast iron meeting the requirements of ASTM A 74 or schedule 40 PVC meeting ASTM–1785.
6. Foundation drain outlet shall be 4" diameter SDR–35 PVC meeting the requirements of ASTM D–3034 with rubber compression gasket joints and backfilled with a non free–draining material.

SURVEYOR SHALL SET A BENCH MARK IN THE AREA OF THE SEPTIC SYSTEM AT THE TIME OF CONSTRUCTION STAKE–OUT.



LEGEND

- IRON PIN FOUND
- UTILITY POLE
- STONEWALL
- OHW — OVERHEAD WIRES
- 618 — EXISTING CONTOUR
- 618 — PROPOSED CONTOUR
- x 618.7 — PROP. SPOT ELEVATION
- DEEP TEST PIT LOCATION
- PERCOLATION TEST LOCATION
- SILT FENCE
- UG — PROPOSED UNDERGROUND UTILITIES
- #13 — WETLAND FLAG AND NUMBER

I have reviewed the inland–wetlands shown on this plan and they appear to be substantially the same as those which I delineated in the field.

Robert Russo

Robert Russo – Certified Soil Scientist

K W P associates
P.O. BOX 206, POMFRET CENTER, CT. 06259

David A. Smith 8/7/2021

DAVID A. SMITH, P.E. #14173 DATE

NOT VALID UNLESS SEAL IS AFFIXED HERETO

To my knowledge and belief, this map is substantially correct as noted hereon.

Bruce D. Woods 8/7/2021

BRUCE D. WOODIS, Conn. L.S. #13646

No certification is expressed or implied unless this map bears the embossed seal of the land surveyor whose signature appears hereon.

FOUNDATION DRAIN OUTLET

NOT TO SCALE

DISTRIBUTION BOX DETAIL

NOT TO SCALE

OVERFLOW / DISTRIBUTION BOX DETAIL

NOT TO SCALE

30 15 0 30 60

scale feet

BASIS OF SANITARY DESIGN

Percolation Rate	=	12.0 min. / in.
5 bedroom house requires	=	675 + 112.5 + 112.5 = 900 s.f. effective leaching area
Effective Leaching area	=	3 s.f. / l.f. of trench
Length Required	=	900/3 = 300 l.f.
Length Provided	=	6 (52) = 312 l.f.
Min. Leaching system Spread (MLSS)	=	62 x 2.0 x 1.25 = 155'
MLSS Provided	=	156'

LEACHING FIELD

6 Trenches @ 52 l.f. each

Maximum depth into existing grade = 4"

DEEP TEST HOLE EVALUATION – August 27, 2012
Northeast District Department of Health

TEST PIT	DEPTH	PROFILE
TP 103	0" – 8"	Topsoil
	8" – 24"	Fine Sandy Loam, Some Stones
	24" – 38"	Grey Moderately compact Silty Loamy Very Fine Sand
	38" – 70"	Wet Compact Silty Medium to Coarse Sand & Gravel, Mottles
	70" – 84"	Ground Water
	Ground Water	70" (Seeps @ 68")
	Mottling	24"
	Ledge	N/A
TP 104	0" – 10"	Topsoil, Some Stone
	10" – 26"	Very Fine Sandy Loam, Some Stones
	26" – 38"	Grey Silty Loamy Very Fine Sand, Mottles
	38" – 79"	Wet Compact Silty Medium to Coarse Sand & Gravel, Mottles
	79" – 84"	Ground Water
	Ground Water	79" (Seeps @ 66")
	Mottling	26"
	Ledge	N/A
TP 105	0" – 12"	Topsoil, Some Stone
	12" – 22"	Sandy Loam, Some Stones
	22" – 43"	Compact Silty Medium to Coarse Sand, Stones
	43" – 84"	Wet Compact Silty Medium to Coarse Sand & Gravel
	Ground Water	73"
	Mottling	22"
	Ledge	N/A

PERCOLATION TEST DATA – August 27, 2012
Performed by: Northeast District Department of Health

HOLE

A Depth = 26" Minimum Percolation Rate = 16.0 min/inch

AA Depth = 19" Minimum Percolation Rate = 12.0 min/inch

DEEP TEST HOLE EVALUATION – February 16, 2022
Northeast District Department of Health

TEST PIT	DEPTH	PROFILE
TP 1	0" – 10"	Topsoil
	10" – 34"	Loamy Sand & Gravel (Frozen)
	34" –	Ground Water
	Ground Water	N/A
	Mottling	N/A
	Ledge	N/A
TP 2	0" – 11"	Topsoil
	11" – 34"	Loamy Sand
	34" – 38"	Wet Loamy Sand, Mottles
	38" –	Ground Water
	Ground Water	38"
	Mottling	34"
	Ledge	N/A

SOIL PIPE @
F/L = 298.3
SEPTIC TANK
1250 GALLON TWO COMPARTMENT F/L IN = 297.45 F/L OUT = 297.20
DISTRIBUTION BOXES
D–1 (STANDARD) F/L IN = 295.92 F/L OUT = 295.92
D–2 (OVERFLOW) F/L IN = 295.17 F/L OUT = 295.42
D–3 (OVERFLOW) F/L IN = 295.17 F/L OUT = 295.42
D–4 (STANDARD) F/L IN = 294.92 F/L OUT = 294.67
D–5 (STANDARD) F/L IN = 294.92 F/L OUT = 294.67

REVISIONS		
DATE	DESCRIPTION	BY
8/29/2022	REVISED PER TOWN STAFF COMMENTS	AW
6/28/2022	REVISED PER NDDH COMMENTS	KG
4/28/2022	SOIL TEST DATA, HOUSE AND SEPTIC	AW

Septic System Design Plan
Prepared For
JESSE S. BARRY
&
PAOLA A. GARCES
#271 KILLINGLY AVENUE
PUTNAM, CONNECTICUT

KWP associates
SURVEYING ~ ENGINEERING ~ SITE PLANNING
250 Killingly Road
Pomfret Center, Ct. 06259–0106

SCALE: 1" = 30'
DATE: 9/20/2021
SHEET: 1 OF 1
PRJ # 21026 FB: A.S. 2076
Dwn: JES Chk: .

ORIGINAL

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: Putnam River Road, L.L.C. and 285 River Road, LLC

Applicant's Address: P.O. Box 271, Putnam, CT 06260

Phone #: 860-234-0907

Owner of Land: Putnam River Road, L.L.C. and 285 River Road, LLC

Owner's Address: P.O. Box 271, Putnam, CT 06260

Location and description of proposed activity: 285 River Road and 357 River Road

12 lot residential subdivision. Development will include the excavation of gravel to create two permanent ponds.

Activity & Purpose Code

Please **CHECK** one in each column that best describes the activity proposed.

Code	Activity Type
☐	1 Filling
☑	2 Excavation
☐	3 Land Clearing
☐	4 Stream Channel
☐	5 Stream Stabilization
☐	6 Stream Clearance
☐	7 Culverting
☐	8 Und. Grd. Util.
☐	9 Roadway Construction
☐	10 Drainage Improvements
☐	11 Pond Dredge/Dam Construction
☐	12 Activity Buffer/Set Back Area
☐	13 Other: Please describe:

Code	Activity Purpose
☐	A Residential Improvement by homeowner
☑	B New residential development - single family
☐	C New residential development - multi- family/condo
☐	D Commercial/Industrial Uses
☐	E Municipal Improvements
☐	F Utility Company Improvements
☐	G Agriculture, Forestry or Conservation
☐	H Wetland Creation/Restoration
☐	I Storm Water/Flood Control
☐	J Erosion/Sediment Control
☐	K Recreation/Boating/Navigation
☐	L Routine Maintenance

INLAND WETLAND COMMISSION

APPENDIX A *Continued*

Project Name (if applicable) _____

Estimate of Linear Footage affecting Wetlands 0

Affected number of acres in which Wetlands are part of the impacted area for Multi-Family, Condos and Commercial Development N/A

TO BE COMPLETED BY THE COMMISSION

Application Number 2022-09 Date of Receipt 7.12.2022 Ck# 16183

Application Approved (date) _____

Conditions of approval if applicable _____

Application Denied (date) _____

Reason(s) for Denial _____

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

2. 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

3. Applicant must provide an approximate estimate of the number of acres that are affected by said proposal dealing 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
	Over Five (5) acres	$300.00
	Per linear foot of wetlands additional	$0.50

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

Connecticut Department of
ENERGY & ENVIRONMENTAL PROTECTION

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

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

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete - print clearly - and mail this form in accordance with the instructions on pages 2 and 3 to:
Wetlands Management Section, Inland Water Resources Division, CT DEEP, 79 Elm Street – 3rd Floor, Hartford, CT 06106

PART I: To Be Completed By the Municipal Inland Wetlands Agency Only

1. DATE ACTION WAS TAKEN (enter one year and month): Year _____ Month _____
2. ACTION TAKEN (enter one code letter): _____
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 Municipal Inland Wetlands Agency or the Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING (type name): Putnam

   Does this project cross municipal boundaries (check one)? Yes _____ No X

   If Yes, list the other town(s) in which the action is occurring (type name(s)): _____, _____
6. LOCATION (see directions for website information): USGS Quad Map Name: Putnam or Quad Number: 28

   Subregional Drainage Basin Number: 3700
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): Putnam River Road, L.L.C. & 285 River Road, LLC
8. NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): 285 River Road, 357 River Road

   Briefly describe the action/project/activity (check and type information): Temporary _____ Permanent X

   Description: 12 lot residential subdivision and gravel/pond excavation
9. ACTIVITY *PURPOSE* CODE (enter one code letter): B
10. ACTIVITY *TYPE* CODE(S) (enter up to four code numbers): 2, 12, 14, _____
11. WETLAND / WATERCOURSE AREA ALTERED (type in acres or linear feet as indicated):

    Wetlands: 0.034 acres Open Water Body: 0 acres Stream: 60± linear feet
12. UPLAND AREA ALTERED (type in acres as indicated): 15± acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type in acres as indicated): 4± acres

PART III: To Be Completed By the DEEP

DATE RECEIVED: DATE RETURNED TO DEEP:

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

16183

PROVOST & ROVERO, INC.
ENGINEERING SURVEYING SITE PLANNING
57 E. MAIN ST. P.O. BOX 191 PLAINFIELD, CT 06374
(860) 230-0856 FAX (860) 230-0860

Jewett City Savings Bank
Jewett City, CT 06351

51-7433/2111

7/12/22

PAY TO THE ORDER OF Town of Putnam

$ 260.00

Two hundred sixty and 00/100 DOLLARS

Security features. Details on back.

MEMO 203095 IW Application

AUTHORIZED SIGNATURE

Provost & Rovero, Inc.

Civil Engineering • Surveying • Site Planning • Structural • Mechanical • Architectural Engineering

P.O. Box 191
57 East Main Street
Plainfield, CT 06374

Telephone (860) 230-0856
Fax (860) 230-0860
www.prorovinc.com

July 12, 2022

Putnam River Road, L.L.C. & 285 River Road, LLC
Proposed 12 Lot Resubdivision

P & R Job #203095

APPLICATION PACKAGE CONTENTS – Inland Wetlands

1. Application fee $260.00
2. Inland Wetlands Commission application form
3. 3 copies of plans dated 6/29/2022
4. DEEP Activity Reporting Form

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

7/29/2022

Provost & Rovero, Inc.
57 East Main St.
P.O. Box 191
Plainfield, CT. 06374

Attn: Mr. David Held

Re: Wetland delineation, 285 & 357 River Road, Putnam, CT.

Dear Mr. Held,

At your request I have delineated the inland wetlands and watercourses on the above referenced property.

Fluorescent pink flags with a corresponding location number delineate the boundary between the upland soils and inland wetlands and watercourses.

These wetland soils 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, Section 22A-38.

Flag numbers WF-1 through WF-52 delineate the southern and eastern boundary of Carpenter Brook, its adjacent floodplain soils, inland wetlands and the large marsh adjacent to River Road.

Flag numbers WF-1A through WF-62 A and WF-1B through WF-66 B delineate an intermittent watercourse, its adjacent forested wetlands and the western boundary of Carpenter Brook, its adjacent floodplain soils, inland wetlands and the western limits of the marsh. The intermittent watercourse flows to the east from the western property boundary and joins with Carpenter Brook.

Flag numbers WF-1C through WF-47C, WF-1D through WF-31D, WF-1E through WF-138E, WF-1I through WF-60I and WF-1J through WF-34J delineate a large palustrine forested wetland complex located in the southwestern portion of the property. This complex has several intermittent watercourses within its boundaries which flow downslope to the southeast. These watercourses receive hydrology from the larger portions of inland wetlands, from surface runoff and groundwater breakout.

Flag numbers WF-1F through W-22F and WF-1G through WF-15G delineate a palustrine forested wetland located on the southeast property line. The eastern portion of this wetland was historically trenched in an effort to channel flows through the adjacent uplands to and from the adjacent wetland.

Flag numbers WF-1H through WF-7H delineate a small forested wetland in the southeast property corner. This wetland has formed in a depressed area due to persistent wetness from the shallow seasonal water tables.

Flag numbers WF-1K through WF-16K delineate a potential vernal pool in the western portion of the property that has formed in a depression in the topography. On the dates of the delineation, (October 5th-14th, 2021), this area was inundated.

Flag numbers WF-1L through WF-14L delineate a small forested wetland and intermittent watercourse adjacent to the "B" series watercourse in the northwest portion of the property. This wetland and watercourse have formed from seasonal groundwater breakout.

These wetlands and watercourses have formed from the persistent wetness from the high seasonal water tables, perched water tables trapped by ledge or compact till horizons and surface runoff.

The typical hydric soils found in these wetlands are characterized by thick organic topsoil horizons, shallow redoximorphic features and low chroma colors within 20 inches of the soil surface.

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.

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: Town of Putnam

Applicant's Address: 200 School Street Putnam CT 06260

Phone #: (860) 963-6800

Owner of Land: Town of Putnam

Owner's Address: 200 School Street Putnam CT 06260

Location and description of proposed activity: Replace existing Danco Drive bridge over Perry Brook

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
☐	**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
☐	**12** Activity Buffer/Set Back Area	☐	**L** Routine Maintenance
☑	**13** Other: Please describe: Bridge replacement		

INLAND WETLAND COMMISSION

APPENDIX A *Continued*

Project Name (if applicable) Danco Drive Bridge Replacement

Estimate of Linear Footage affecting Wetlands Approximately 60 linear feet

Affected number of acres in which Wetlands are part of the impacted area for Multi-Family, Condos and Commercial Development 0

TO BE COMPLETED BY THE COMMISSION

Application Number 2022-10 Date of Receipt 9-7-2022 Ck #26391 State Fee

Application Approved (date) _____

Conditions of approval if applicable _____

Application Denied (date) _____

Reason(s) for Denial _____

_____ _____

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
2. 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
3. Applicant must provide an approximate estimate of the number of acres that are affected by said proposal dealing 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
	Over Five (5) acres	$300.00
	Per linear foot of wetlands additional	$0.50

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

LETTER OF TRANSMITTAL

CLA Engineers, Inc.
Civil • Structural • Surveying
317 MAIN STREET
NORWICH, CT 06360
(860) 886-1966 FAX (860) 886-9165

DATE: Sept 7 2022
JOB#: 6930
ATTN :
RE:

To: Mr. Bruce Fitzback LS
Town of Putnam
Land Use Agent

WE ARE SENDING YOU THE FOLLOWING ITEMS BY MAIL:

[ ] Shop drawings [ ] Prints [ ] Plans [ ] Specifications

[ ] Copy of letter [ ] Change order [ ] other_____

COPIES	DATE	NO.	DESCRIPTION
3			Danco Drive plans
3			Danco Drive wetland letter
3			Putnam wetlands application
3			CTDEEP notification form

These are transmitted as checked below:

[ ] For approval [ ] Approved as submitted [ ] Resubmit _____ copies for approval

[ ] For your use [ ] Approved as noted [ ] Submit _____ copies for distribution

[ ] As requested [ ] Returned [ ] Return _____ corrected prints

[ ] For review and comment [ ] FOR BIDS DUE ____ [ ] PRINTS RETURNED AFTER LOAN TO US

REMARKS:

SIGNED: Robert Russo

If enclosures are not as noted, kindly notify us at once.

CLA Engineers, Inc.
Civil • Structural • Survey
317 MAIN STREET • NORWICH, CT 06360 • (860) 886-1966 • (860) 886-9165 FAX

September 6, 2022

Mr. Bruce Fitzback
Town of Putnam
Land Use Agent
200 School Street
Putnam CT 06260

RE: Danco Drive Bridge Replacement
Putnam
CLA 6930

Dear Mr. Fitzback:

This letter is to accompany the application on behalf of the Town of Putnam to the Town Inland Wetlands and Watercourses Commission for the replacement of the Danco Dr. Bridge over Perry Brook. CDM Smith has prepared design plans for this bridge and they have been submitted as part of the application. CLA has investigated the referenced site to review the inland wetlands and watercourses and assess the potential for impact due to the proposed bridge replacement. This report documents the wetland and soil types found at the site and provides an assessment of the potential for wetland impacts.

Existing Conditions

The proposed project is the replacement of the existing Bridge No. 115008 carrying Danco Drive over Perry Brook in Putnam, CT. The existing bridge is a straight, single span structure constructed in the 1950's. The west side of the structure includes steel stringers and a timber beam supporting timber decking. The east side of the structure includes concrete encased, steel stringers supporting a jack-arched concrete deck. The superstructure components are supported on stone masonry abutments and wing walls. The bridge has an overall length of 21.13 feet and curb to curb width of 27.3 feet. The deck surface appears to be about 15 feet above the channel bottom. The channel of Perry Brook has sand cobbles and stones.

The site has gentle to steep slopes. As indicated, the deck surface is approximately 15 feet above the channel bottom, and the roadway embankment at the bridge slopes down steeply to the brook. The runoff from Danco Dr. enters Perry Brook. This stream is 25-30 feet wide and after flowing under Perry road continues under I-395 and its associated ramps and into the Quinnebaug River.

The zoning surrounding this reach of Perry Brook is industrial. The land cover is either industrial development or wooded, with I-395 running to the west.

Wetland and Soil Types

Joseph Theroux C.S.S. performed the wetland delineation in 2021 and the table below provides local soil types, and wetland type.

Table 1 – Wetland Flag Numbers, Soil Types and Wetland Types

Flag Numbers	Soil Parent Material	Wetland Type
WF A Series	Alluvial/altered	Perennial stream, pond, wooded riverine floodplain
WF B Series	Alluvial/altered	Perennial stream, pond, wooded riverine floodplain

As shown on the project plans, Perry Brook (The wetland system delineated by the A and B flag series) and its associated floodplain is located both east and west of the bridge. This reach of the stream has a cobble and gravel bottom and the stream channel was altered for past construction of Danco Dr. There is rip rap on the side slopes, rock piles and evidence of altered soils, however the vegetation is predominantly hardwoods such as red maple (*Acer rubrum*) and shrubs such as multiflora rose (*Rosa multiflora*) and highbush blue berry (*Vaccinium corymbosum)*. This wetland has hydrology fed by shallow groundwater discharge from the local glacial outwash and the upstream watershed. It receives storm water from the nearby roads.

The soils present on the site are documented in the table below and further detail is provided in Appendix A.

Table 2, Soils at the Danco Dr. Site

Soil Series	Parent Material	Drainage Class	Texture/Characteristics
Rippowan (103)*	Alluvium	Poorly drained	Fine sandy loam
Hinckley (38)	Glaciofluvial	Excessively drained	Loamy sand
Udorthents (306)*	Varies – cut and fill material	Moderately well to poorly on site	Typically sandy loam

* Wetland soil type

Hinckley soils are formed in glacial outwash, i.e. well sorted sand and gravel. These soils occupy the wide, flat areas that cover most of the higher elevations adjacent to the site.

Floodplain and alluvial soils (Rippowam series) were found in a narrow floodplain parallel to the perennial stream.

The Udorthents were found in areas disturbed for construction of Danco Drive and I-395.

NDDB Coordination

CLA has coordinated with the CTDEEP NDDB and the correspondence is attached. There are species of concern located at the site and CLA will continue to coordinate with the CTDEEP to properly protect those species. At present, the project plans provide means to protect these species. These measures include excluding the species from work zones through use of barriers such as silt fence and education of the contractor and workers.

Potential Impacts

The proposed activities within the wetland include demolition and removal of the existing bridge and replacement with the new bridge. CDM Smith has provided a sequence for all of the activities and a water handling plan. Those plans indicate a number of Best Management Practices (BMPs) regarding demolition, construction and de-watering that will be employed to minimize potential for impacts to the stream and floodplain. The plans also show that the box culverts that will be installed to replace the bridge will be backfilled with one foot of native streambed material. CLA believes that if the BMPS and backfill plans are followed, the stream and wetlands will not be adversely impacted.

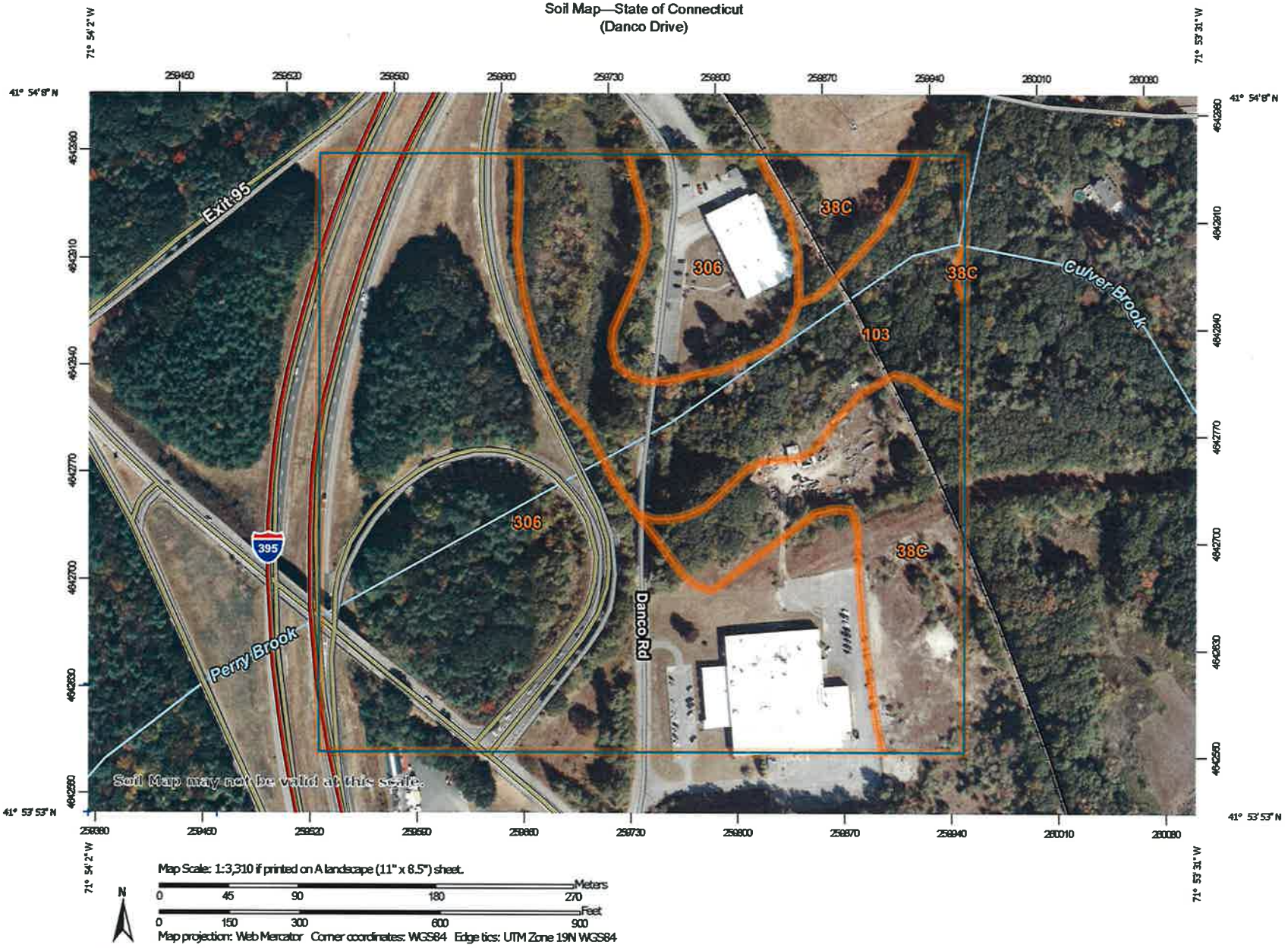
Sincerely,

Robert C Russo

Robert C. Russo
Soil Scientist

Appendix A Soils Data

Soil Map—State of Connecticut
(Danco Drive)



Map Scale: 1:3,310 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 45 90 180 270

Feet
0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
Survey Area Data: Version 21, Sep 7, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 14, 2011—Oct 8, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
38C	Hinckley loamy sand, 3 to 15 percent slopes	7.0	17.1%
103	Rippowam fine sandy loam	8.5	20.8%
306	Udorthents-Urban land complex	25.4	62.1%
Totals for Area of Interest		40.9	100.0%

Appendix B NDDB Coordination

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

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

April 7, 2022

Bob Russo
CLA Engineers, INC
317 Main St
Norwich, CT 06360
brusso@claengineers.com

NDDB DETERMINATION NUMBER: 202203654

Project: Danco Drive Bridge over Perry Brook, 600' north of Kennedy Dr in, Putnam, CT

Expiration: April 7, 2024

I have reviewed Natural Diversity Data Base (NDDB) maps and files regarding this project. According to our records, there are State-listed species (RCSA Sec. 26-306) documented nearby and may be impacted by your project.

Wood turtle (*Glyptemys insculpta*)- State Special Concern
Banded sunfish (*Enneacanthus obesus*)- State Special Concern

Wood turtle
Individuals of this species are riverine and riparian obligates, overwintering and mating in clear, cold, primarily sand-gravel and rock bottomed streams and foraging in riparian zones, fields and upland forests during the late spring and summer. They hibernate in the banks of the river in submerged tree roots between November 1 and March 31. Their summer habitat focuses within 90m (300ft of rivers) and they regularly travel 300m (0.2 mile) from rivers during this time. During summer they seek out early successional habitat: pastures, old fields, woodlands, powerline cuts and railroad beds bordering or adjacent to streams and rivers.

Construction:
Land disturbance activities that have the potential to run over adult turtles or unearth hibernating turtles or turtle nests need to consider local habitat features and apply fencing and/or time of year restrictions as appropriate.

- I do not anticipate impacts from this project if it occurs when turtles are dormant, between November 1- March 31.

For construction activities, between April- October 31:

- Exclusionary practices will be used to prevent any turtle access into areas where heavy equipment will be used.
- Exclusionary fencing shall be at least 20 in tall and must be secured to and remain in contact with the ground and be regularly maintained (at least bi-weekly and after major weather events) to secure any gaps or openings at ground level that may let animal pass through.
- All staging and storage areas, outside of previously paved locations, regardless of the duration of time they will be utilized, must be reviewed to remove individuals and exclude them from re-entry.
- All construction personnel working must be apprised of the species description and the possible presence of a listed species.
- The Contractor search the work area each morning prior to any work being done.

- Any turtles encountered within the immediate work area shall be carefully moved to an adjacent area outside of the excluded area and fencing should be inspected to identify and remove access point. This animal is protected by law and should not be relocated off-site.
- In areas where silt fence is used for exclusion, it shall be removed as soon as the area is stable and disturbance is finished to allow for reptile and amphibian passage to resume.

State listed fish:
DEEP Fisheries Biologists review permit applications submitted to DEEP regulatory programs to determine whether projects might adversely affect listed species. If you have not already consulted with a DEEP Fisheries Biologist, please submit the DEEP Fisheries Consultation Form to (Deep.inland.fisheries@ct.gov).

If link is incorrect, the form can be found here:
https://portal.ct.gov/-/media/DEEP/Permits_and_Licenses/Common_Forms/fisheriesconsultationappdoc.doc

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Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Bureau of Natural Resources and cooperating units of DEEP, independent conservation groups, and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the NDDB should not be substituted for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated in the NDDB as it becomes available.

Please contact me if you have any questions (shannon.kearney@ct.gov). Thank you for consulting with the Natural Diversity Data Base and continuing to work with us to protect State-listed species.

Sincerely,

/s/ Shannon B. Kearney
Wildlife Biologist

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

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STATEWIDE INLAND WETLANDS & WATERCOURSES ACTIVITY REPORTING FORM

Pursuant to section 22a-39(m) of the General Statutes of Connecticut and section 22a-39-14 of the Regulations of Connecticut State Agencies, inland wetlands agencies must complete the Statewide Inland Wetlands & Watercourses Activity Reporting Form for **each** action taken by such agency.

This form may be made part of a municipality's inland wetlands application package. If the municipality chooses to do this, it is recommended that a copy of the Town and Quadrangle Index of Connecticut and a copy of the municipality's subregional drainage basin map be included in the package.

Please remember, the inland wetlands agency is responsible for ensuring that the information provided is **accurate** and that it reflects the **final** action of the agency. Incomplete or incomprehensible forms will be mailed back to the agency. Instructions for completing the form are located on the following pages.

The inland wetlands agency shall mail completed forms for actions taken during a calendar month no later than the 15th day of the following month to the Department of Energy and Environmental Protection (DEEP). Do **not** mail this cover page or the instruction pages. Please mail **only** the **completed** reporting form to:

DEEP Land & Water Resources Division
Inland Wetlands Management Program
79 Elm Street, 3rd Floor
Hartford, CT 06106

Questions may be directed to the DEEP's Inland Wetlands Management Program at (860) 424-3019.

This page is intentionally left blank.

INSTRUCTIONS FOR COMPLETING

THE STATEWIDE INLAND WETLANDS & WATERCOURSES ACTIVITY REPORTING FORM

Use a separate form to report EACH action taken by the Agency. Complete the form as described below. Do NOT submit a reporting form for withdrawn actions.

PART I: Must Be Completed By The Inland Wetlands Agency

1. Choose the year and month the Inland Wetlands Agency took the action being reported. If multiple actions were taken regarding the same project or activity then multiple forms need to be completed.

2. Choose ONE code letter to describe the final action or decision taken by the Inland Wetlands Agency. Do NOT submit a reporting form for withdrawn actions. Do NOT enter multiple code letters (for example, if the same project or activity had both a permit issued and enforcement action, submit two forms for the two separate actions).

   A = A Permit Granted by the Inland Wetlands Agency (not including map amendments, see code D below)
   B = Any Permit Denied by the Inland Wetlands Agency
   C = A Permit Renewed or Amended by the Inland Wetlands Agency
   D = A Map Amendment to the Official Town Wetlands Map - or -
   An Approved/Permitted Wetland or Watercourse Boundary Amendment to a Project Site Map
   E = An Enforcement Action: Permit Revocation, Citation, Notice of Violation, Order, Court Injunction, or Court Fines
   F = A Jurisdictional Ruling by the Inland Wetlands Agency (activities "permitted as of right" or activities considered non-regulated)
   G = An Agent Approval pursuant to CGS 22a-42a(c)(2)
   H = An Appeal of Agent Approval Pursuant to 22a-42a(c)(2)

3. Check "yes" if a public hearing was held in regards to the action taken; otherwise check "no".

4. Enter the name of the Inland Wetlands Agency official verifying that the information provided on this form is accurate and that it reflects the FINAL action of the agency.

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant - If Part II is completed by the applicant, the applicant MUST return the form to the Inland Wetlands Agency. The Inland Wetlands Agency MUST ensure that the information provided is accurate and that it reflects the FINAL action of the Agency.

5. Enter the name of the municipality for which the Inland Wetlands Agency has jurisdiction and in which the action/project/activity is occurring.

   Check "yes" if the action/project/activity crosses municipal boundaries and enter the name(s) of the other municipality(ies) where indicated. Check "no" if it does not cross municipal boundaries.

6. Enter the USGS Quad Map name or number (1 through 115) as found on the Connecticut Town and Quadrangle Index Map (the directory to all USGS Quad Maps) that contains the location of the action/project/activity. USGS Quad Map information is available at: https://portal.ct.gov/-/media/deep/gis/resources/IndexNamedQuadTownpdf.pdf

   ALSO enter the four-digit identification number of the corresponding Subregional Drainage Basin in which the action/project/activity is located. If located in more than one subregional drainage basin, enter the number of the basin in which the majority of the action/project/activity is located. Town subregional drainage basin maps can be found at UConn CLEAR's website: http://clear.uconn.edu/data/map_set/index.htm (no roads depicted) or at CTECO: http://www.cteco.uconn.edu/map_catalog.asp (depicts roads, choose town and a natural drainage basin map).

7. Enter the name of the individual applying for, petitioning, or receiving the action.

8. Enter the name and address or location of the action/project/activity. Check if the action/project/activity is TEMPORARY or PERMANENT in nature. Also provide a brief DESCRIPTION of the action/project/activity. It is always best to provide as much information as possible (for example, don't state "forestry," provide details such as "20 acre forest harvest, permit required for stream crossing.")

9. Carefully review the list below and enter ONLY ONE code letter which best characterizes the action/project/activity. All state agency projects must code "N".

A = Residential Improvement by Homeowner
B = New Residential Development for Single Family Units
C = New Residential Development for Multi-Family / Condos
D = Commercial / Industrial Uses
E = Municipal Project
F = Utility Company Project
G = Agriculture, Forestry or Conservation
H = Wetland Restoration, Enhancement, Creation
I = Storm Water / Flood Control
J = Erosion / Sedimentation Control
K = Recreation / Boating / Navigation
L = Routine Maintenance
M = Map Amendment
N = State Agency Project
P = Other (this code includes the approval of concept, subdivision or similar plans with no on-the-ground work)

10. Enter between one and four code numbers to best characterize the action/project/activity being reported. Enter "NA" if this form is being completed for the action of map amendment. You MUST provide code 12 if the activity is located in an established upland review area. You MUST provide code 14 if the activity is located beyond the established upland review area or no established upland review area exists.

1 = Filling
2 = Excavation
3 = Land Clearing / Grubbing (no other activity)
4 = Stream Channelization
5 = Stream Stabilization (includes lakeshore stabilization)
6 = Stream Clearance (removal of debris only)
7 = Culverting (not for roadways)
8 = Underground Utilities Only (no other activities)
9 = Roadway / Driveway Construction (including related culverts)
10 = Drainage Improvements
11 = Pond, Lake Dredging / Dam Construction
12 = Activity in an Established Upland Review Area
14 = Activity in Upland

Examples: Jurisdictional ruling allowing construction of a parking lot in an upland where the municipality does not have an established upland review area must use code 14, other possible codes are 2 and 10. Permitted construction of a free standing garage (residential improvement by homeowner) partially in an established upland review area with the remainder in the upland must use code 12 and 14, other possible codes are 1 and 2.

11. Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form. For PERMANENT alterations, enter in acres the area of wetland soils or watercourses altered. Include areas that are permanently altered, or are proposed to be, for all agency permits, denials, amendments, renewals, jurisdictional rulings, and enforcement actions. For those activities that involve filling or dredging of lakes, ponds or similar open water bodies enter the acres filled or dredged under "open water body." For those activities that involve directly altering a linear reach of a brook, river, lakeshore or similar linear watercourse, enter the total linear feet altered under "stream." Remember, these figures represent only the acreage altered, not the total acreage of wetlands or watercourses on the site. You MUST provide all information in ACRES (or linear feet as indicated) including those areas less than one acre. To convert from square feet to acres, divide square feet by the number 43,560. If this report is being completed for an agency jurisdictional ruling and detailed information is not available, provide an estimate. Enter zero if there is no alteration.

12. Enter in acres the area of upland altered as a result of an ACTIVITY REGULATED BY the inland wetlands agency, or as a result of an AGENT APPROVAL pursuant to CGS section 22a-42a(c)(2). Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form. Include areas that are permanently altered, or proposed to be permanently altered, for all agent approvals, agency permits, denials, amendments, renewals, jurisdictional rulings, and enforcement actions. You MUST provide all information in ACRES including those areas less than one acre. See directions above (#11) for conversion factor. If this report is being completed for an agent approval or an agency jurisdictional ruling and detailed information is not available, provide an estimate. Enter zero if there is no alteration.

13. Enter the acres that are, or are proposed to be, restored, enhanced or created for all agency permits, denials, amendments, renewals, jurisdictional rulings and enforcement actions. NOTE restored or enhanced applies to previously existing wetlands or watercourses. Created applies to a non-wetland or non-watercourse area which is converted into wetlands or watercourses. For created - question #10 must provide 12 and/or 14 as an answer, and question #12 must also be answered. You MUST provide all information in ACRES including those areas less than one acre. See directions above (#11) for conversion factor. Enter zero if there is no restoration, enhancement or creation.

PART III: To Be Completed By The DEEP - Please leave this area blank. Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

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 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

5. TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name): Putnam
   does this project cross municipal boundaries (check one)? yes ☐ no ☒
   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: Putnam or number: 28
   subregional drainage basin number: 3700
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): Town of Putnam
8. NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): Danco Drive Bridge
   briefly describe the action/project/activity (check and print information): temporary ☒ permanent ☒ description:
   Replace Danco Drive bridge
9. ACTIVITY *PURPOSE* CODE (see instructions - one code only): E
10. ACTIVITY *TYPE* CODE(S) (see instructions for codes): 1, 2, 9, 12
11. WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):
    wetlands: 0.04 acres open water body: 0 acres stream: 60 linear feet
12. UPLAND AREA ALTERED (must provide acres): 0.3 acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0.04 acres

PART III: To Be Completed By The DEEP

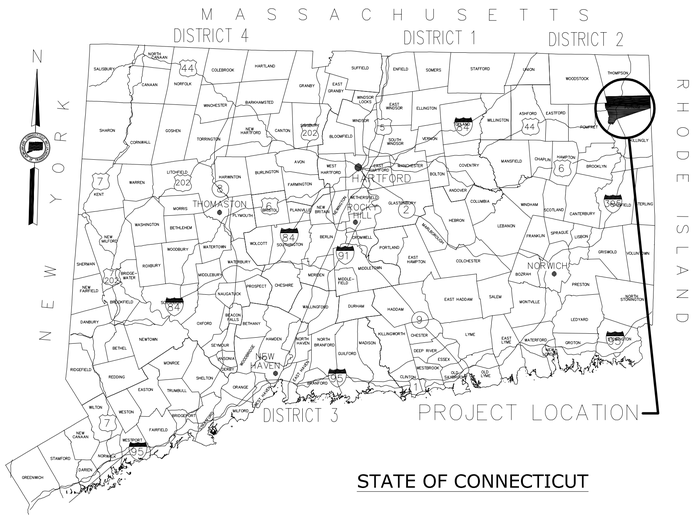
DATE RECEIVED: DATE RETURNED TO DEEP:

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

CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

TOWN OF PUTNAM
DANCO DRIVE BRIDGE REPLACEMENT



STATE OF CONNECTICUT

Town(s)/City of

TOWN OF PUTNAM

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
DANCO DRIVE	TOWN	0000 FEET

F.A.P. #	MAINTENANCE RESPONSIBILITY	PROJECT #
XXXXXXXXX	STATE	0000-0000



SCALE

SCALE: 1" = 1000'

2000 1000 0 2000

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. XXXXXXX
2. CONSTRUCTION SPECIFICATIONS:
   CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 818 DATED 2020, SUPPLEMENTED JULY 2020 AND SPECIAL PROVISIONS
3. VERTICAL DATUM BASED ON NAVD 1988
4. HIGHWAY CLASSIFICATION: URBAN ARTERIAL
5. DESIGN SPEED: 25 MPH
6. SURVEYED BY: J&D CIVIL ENGINEERS

DISCLAIMER

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

PRELIMINARY DESIGN REVIEW

LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	1
03	HIGHWAY DRAWINGS	5
04	STRUCTURE DRAWINGS	12

*THE INITIAL SUBSET SHEET COUNT DOES NOT INCLUDE ADDENDUMS AND CHANGE ORDERS

LIST OF DRAWINGS
SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-1

North Arrow W/No. Coor.
Grid Arrow
Edge Of Road
Concrete Pavement
Dirt Road
B.C.L.C.
Granite Curb
Gulde Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Railroad Tracks
Limit Of Marsh
Stone Wall
Ledge Outcrop
Inland Wetland Limits
STATE LINE
Power Line
Swamp
Building
Transmission Tower

STANDARD CONVENTIONS
Chain Link Fence
Rustic Fence
Pipe Fence
Board Fence
Property Line
Lot Line
Easement Line
Water Edge
Stream
Ditch
TOWN LINE
Highway Line
Street Line
Riprap
Hedge Row
Tree Line
Shrub
Evergreen Tree
Deciduous Tree
Retaining Wall

WATERMARK BLOCK:

OFFICE OF ENGINEERING

SUBMITTED BY:

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

DESIGNED BY:
CDM SMITH

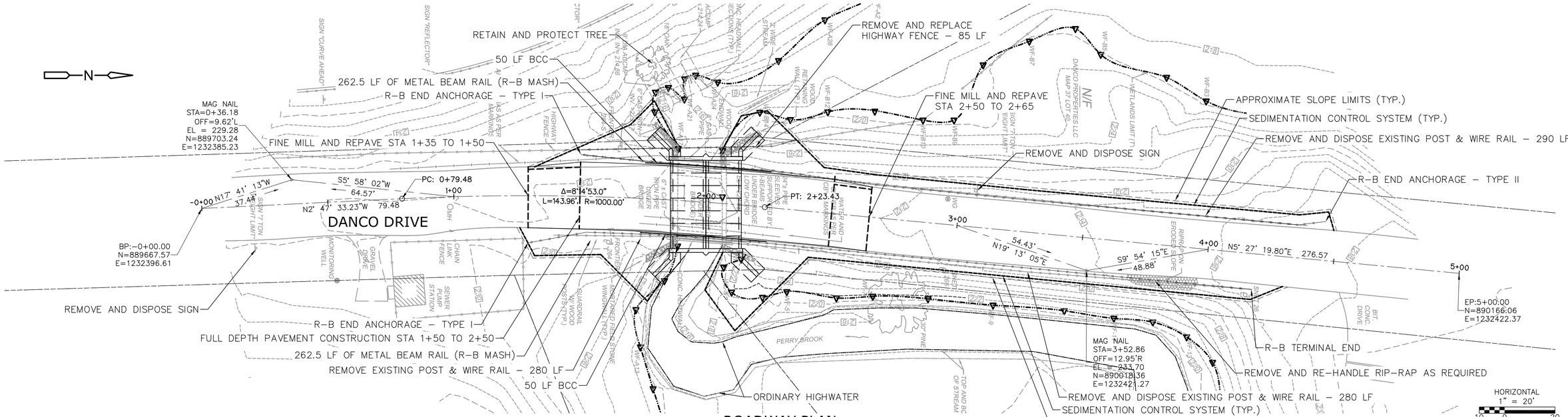
DANCO DRIVE
BRIDGE REPLACEMENT

Town(s)/City
TOWN OF
PUTNAM

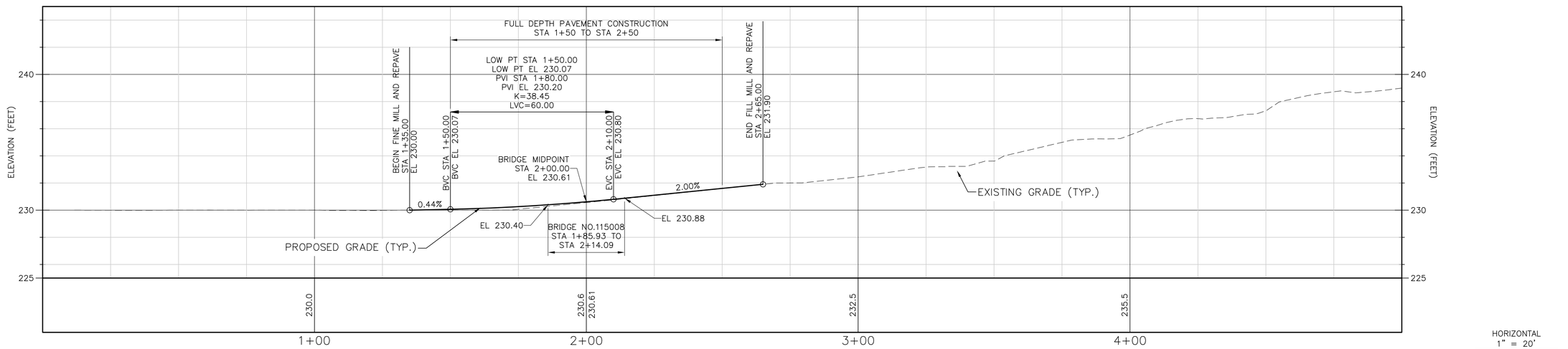
STATE PROJECT NO.
0000-0000

DRAWING NO.
G-01

SHEET NO.
01.01



ROADWAY PLAN



ROADWAY PROFILE

PRELIMINARY DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 10/07/2021

DESIGNER/DRAFTER: AWH
CHECKED BY: MPE
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename:

SIGNATURE/ BLOCK:

PROJECT TITLE: DANCO DRIVE BRIDGE REPLACEMENT

TOWN: TOWN OF PUTNAM

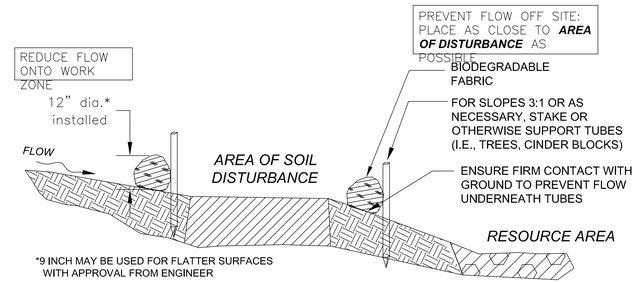
DRAWING TITLE: ROADWAY PLAN AND PROFILE

PROJECT NO. 000-000

DRAWING NO. RPP-01

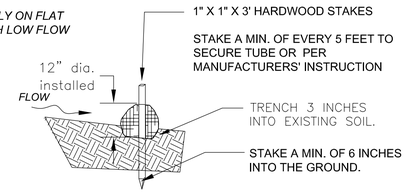
SHEET NO. 0X.0X

COMPOST FILTER TUBE

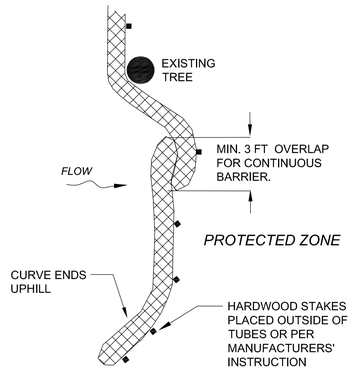


12 INCH STRAW WATTLE

TO BE USED ONLY ON FLAT SURFACES WITH LOW FLOW



SECTION

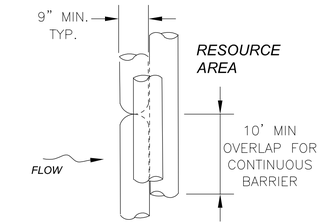


PLACE TUBE ALONG CONTOURS AND PERPENDICULAR TO FLOW.

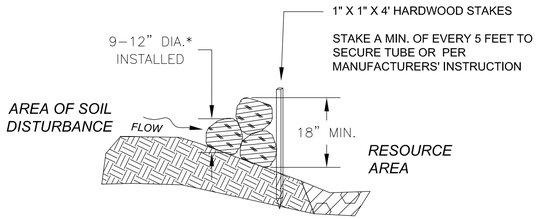
ADJUST LOCATION AS REQUIRED FOR OPTIMUM EFFECTIVENESS. DO NOT INSTALL IN WATERWAYS.

PLACE STAKES AS NEEDED TO SECURE TUBES IN PLACE.

PLAN VIEW



PLAN VIEW



SECTION

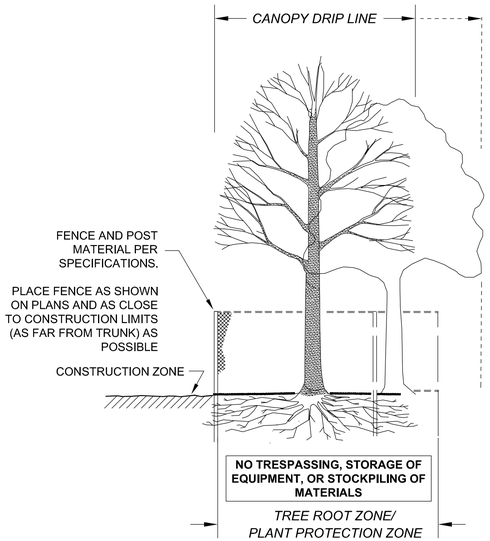
SEDIMENT BARRIERS - COMPOST FILTER TUBES & STRAW WATTLES

NOT TO SCALE

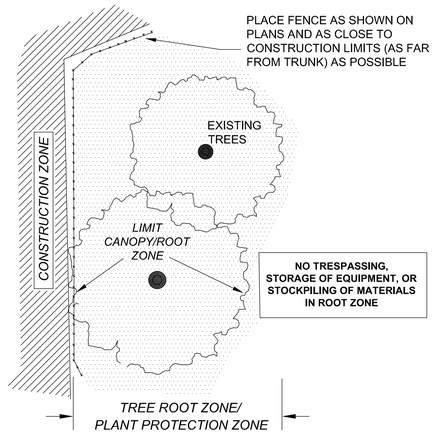
20181210_MassDOT

COMPOST FILTER TUBE BERM (SLOPES 2:1 OR STEEPER)

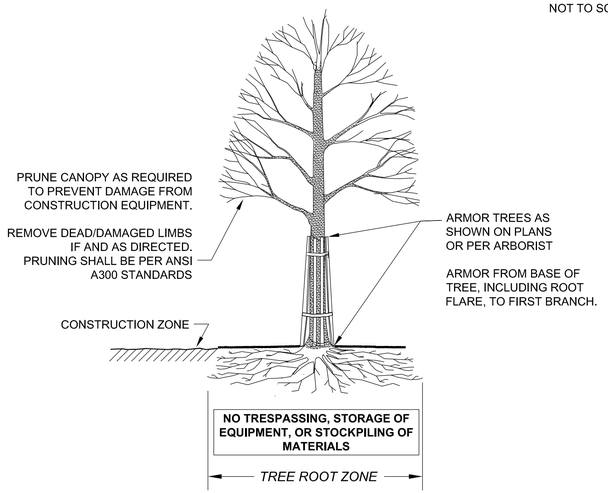
NOT TO SCALE



SECTION - FENCE PROTECTION OF ROOT ZONE



PLAN VIEW - FENCE PROTECTION OF ROOT ZONE



SECTION - TRUNK ARMORING & PRUNING

TREE PROTECTION DETAILS

NOT TO SCALE

PRELIMINARY DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 10/07/2021

DESIGNER/DRAFTER: AWH

CHECKED BY: MPE

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename:

SIGNATURE/ BLOCK:

PROJECT TITLE: DANCO DRIVE BRIDGE REPLACEMENT

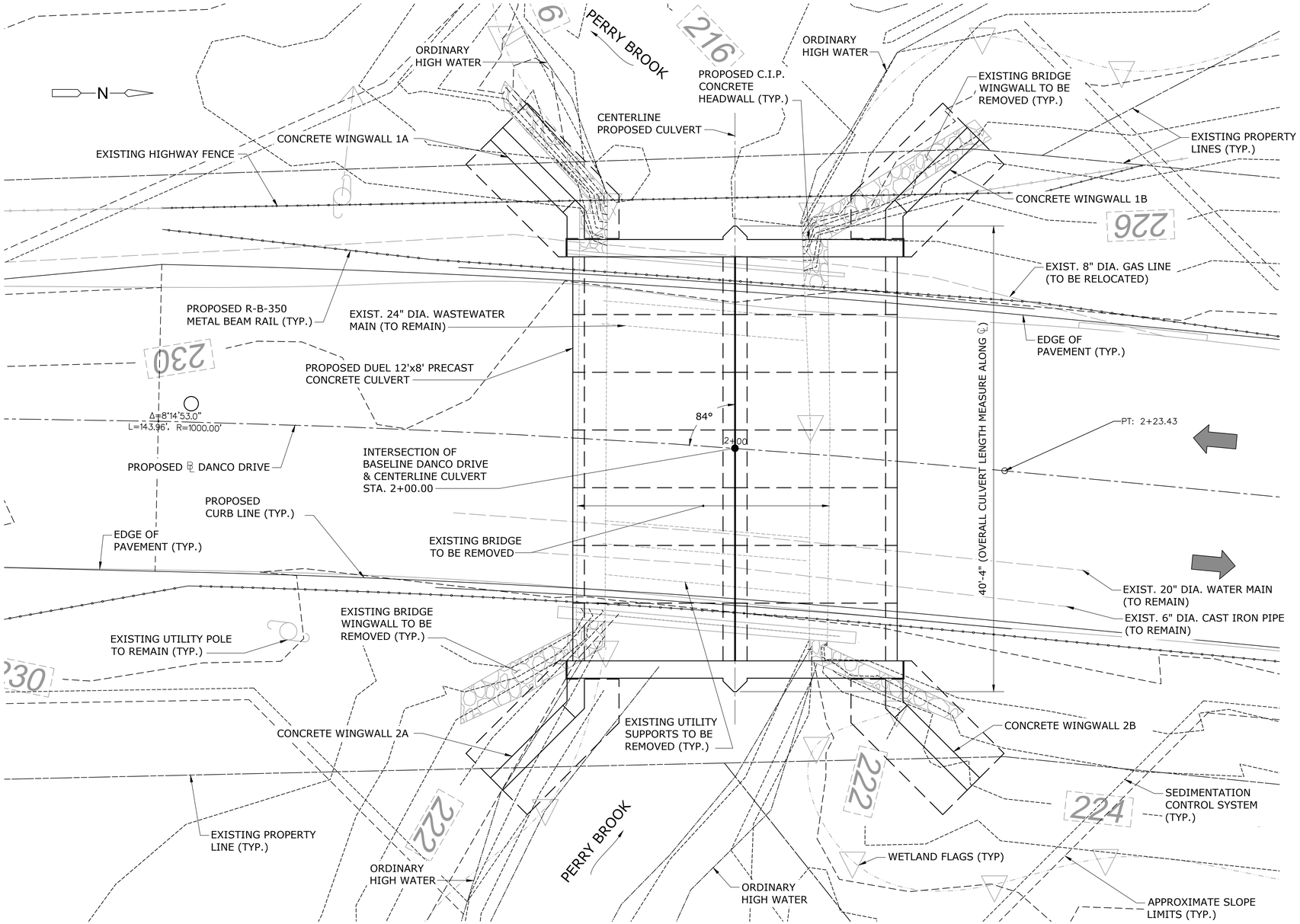
TOWN: TOWN OF PUTNAM

DRAWING TITLE: MISCELLANEOUS DETAILS

PROJECT NO. 000–000

DRAWING NO. MDS–01

SHEET NO. 0X.0X



GENERAL PLAN

SCALE: 1" = 5'

ESTIMATED SHIPPING DATA			
MEMBER	SHIPPING HEIGHT	SHIPPING LENGTH	SHIPPING WEIGHT
TYPICAL CULVERT SEGMENT			
TYPICAL HEADWALL MEMBER			
TRYPICAL WINGWALL MEMBER			
TYPICAL FOOTING MEMBER			

NOTICE TO BRIDGE INSPECTORS	
THE DEPARTMENT'S BRIDGE SAFETY PROCEDURES REQUIRE THIS BRIDGE TO BE INSPECTED FOR, BUT NOT LIMITED TO, ALL APPROPRIATE COMPONENTS INDICATED IN THE GOVERNING MANUALS FOR BRIDGE INSPECTION. ATTENTION MUST BE GIVEN TO INSPECTING THE FOLLOWING SPECIAL COMPONENTS AND DETAILS. (THE LISTING FOR COMPONENTS FOR SPECIFIC ATTENTION SHALL NOT BE CONSTRUED TO REDUCE THE IMPORTANCE OF INSPECTION OF ANY OTHER COMPONENT OF THE STRUCTURE). THE FREQUENCY OF INSPECTION OF THIS STRUCTURE SHALL BE IN ACCORDANCE WITH THE GOVERNING MANUALS FOR BRIDGE INSPECTION, UNLESS OTHERWISE DIRECTED BY THE MANAGER OF BRIDGE SAFETY AND EVALUATION.	
COMPONENT OR DETAIL	STRUCTURAL SHEET REFERENCE

PRELIMINARY DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 10/07/2021

DESIGNER/DRAFTER: JCF

CHECKED BY: MPE

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename:

SIGNATURE/ BLOCK:

PROJECT TITLE:
DANCO DRIVE BRIDGE REPLACEMENT

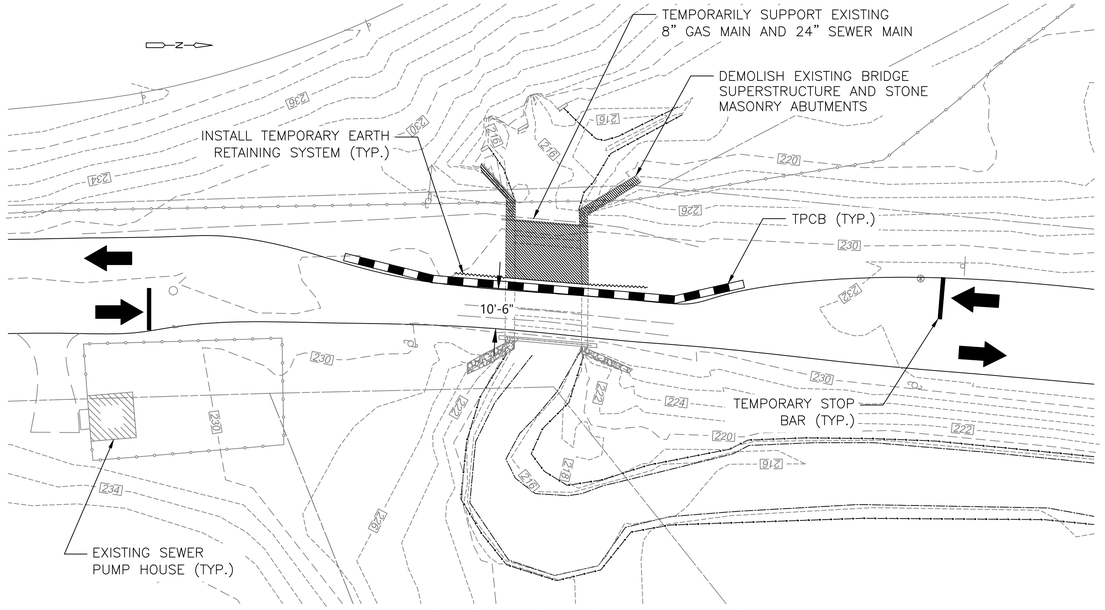
TOWN:
TOWN OF PUTNAM

DRAWING TITLE:
GENERAL PLAN

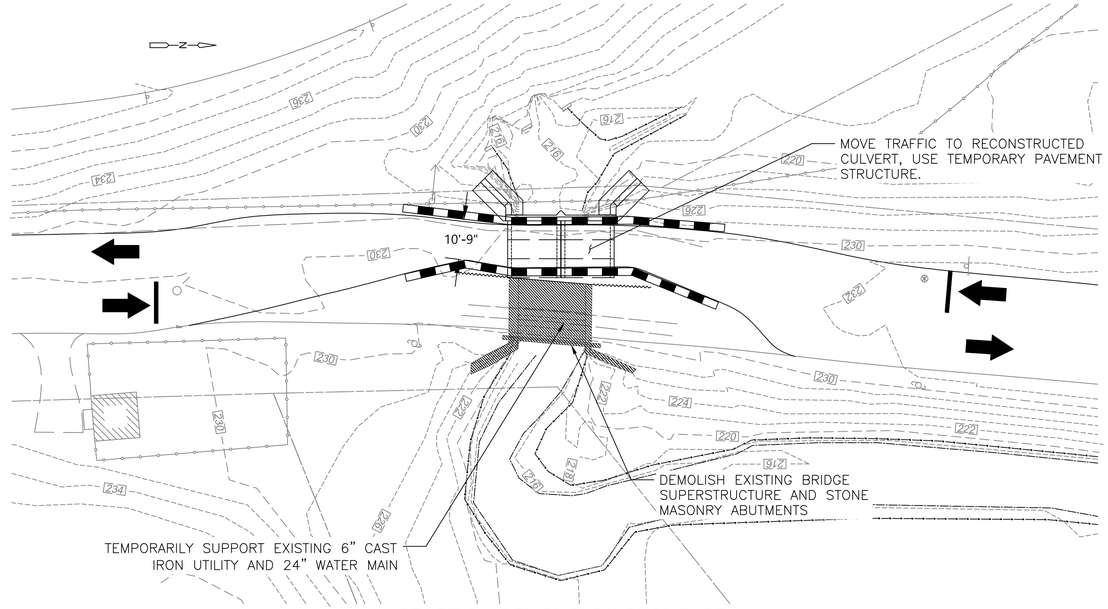
PROJECT NO.
000-000

DRAWING NO.
S-01

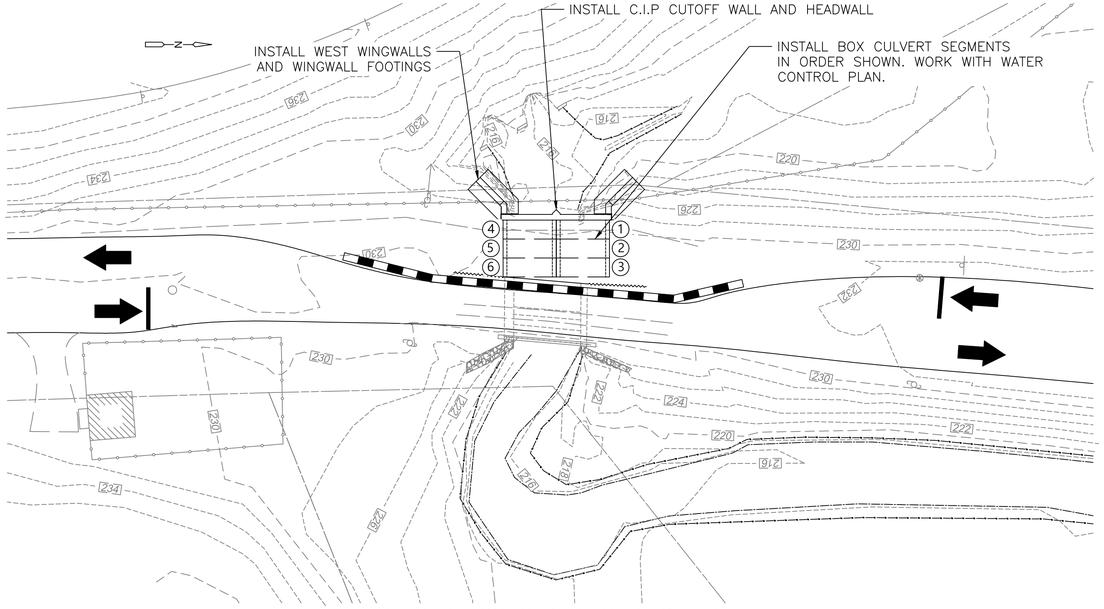
SHEET NO.



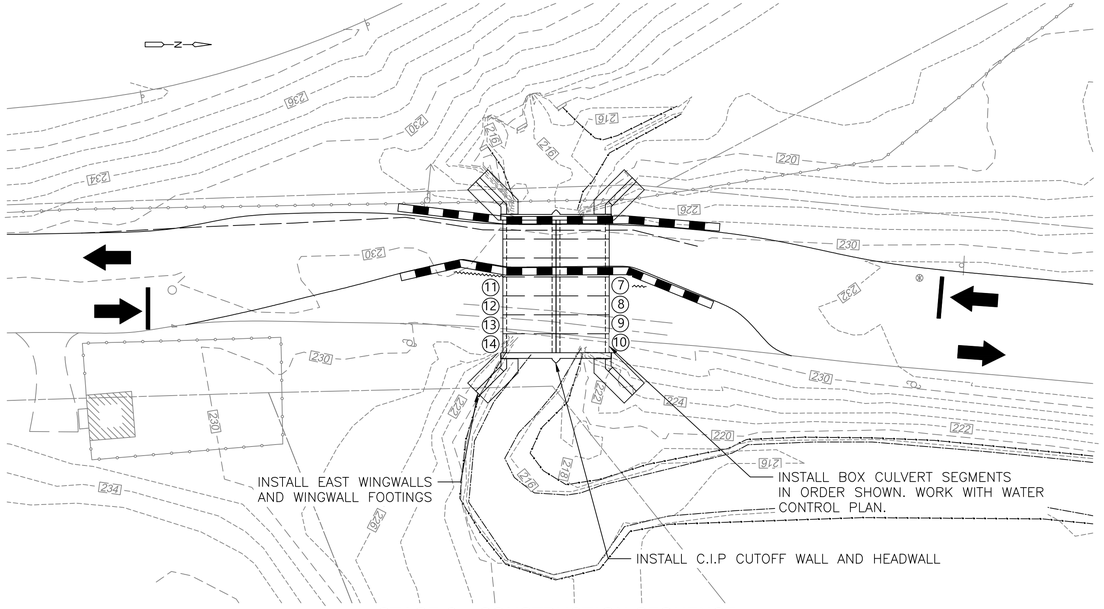
STAGE 1 - DEMOLITION SEQUENCE



STAGE 2 - DEMOLITION SEQUENCE



STAGE 1 - CONSTRUCTION SEQUENCE



STAGE 2 - CONSTRUCTION SEQUENCE

PRELIMINARY DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date:

DESIGNER/DRAFTER: JCF
CHECKED BY: MPE
1" = 20'
10 0 20

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename:

SIGNATURE/
BLOCK:

PROJECT TITLE:
DANCO DRIVE BRIDGE REPLACEMENT

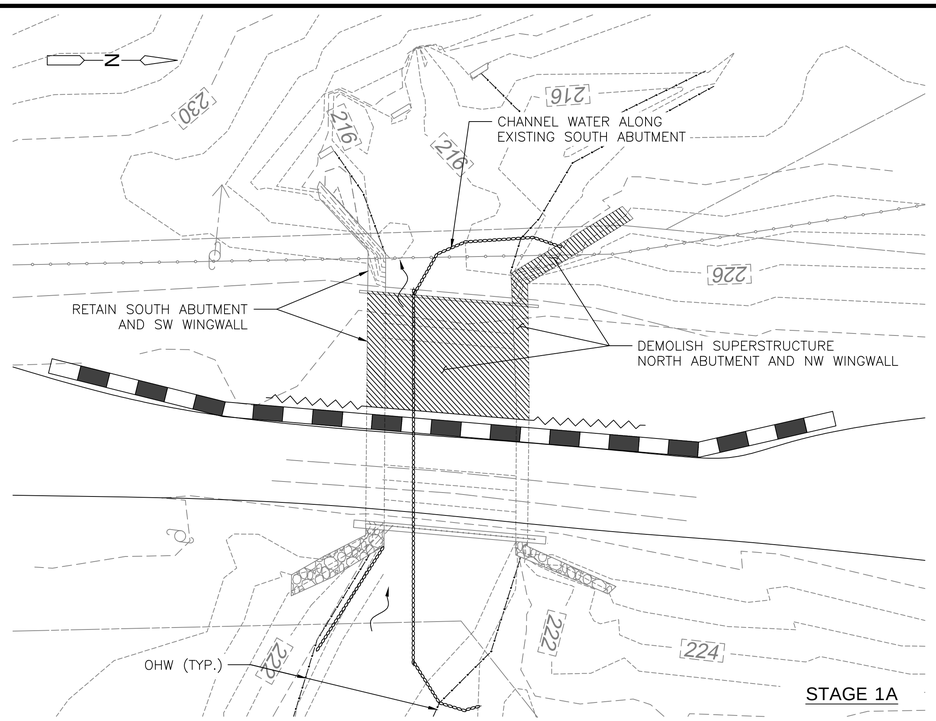
TOWN:
TOWN OF PUTNAM

DRAWING TITLE:
STAGE CONSTRUCTION
1 OF 2

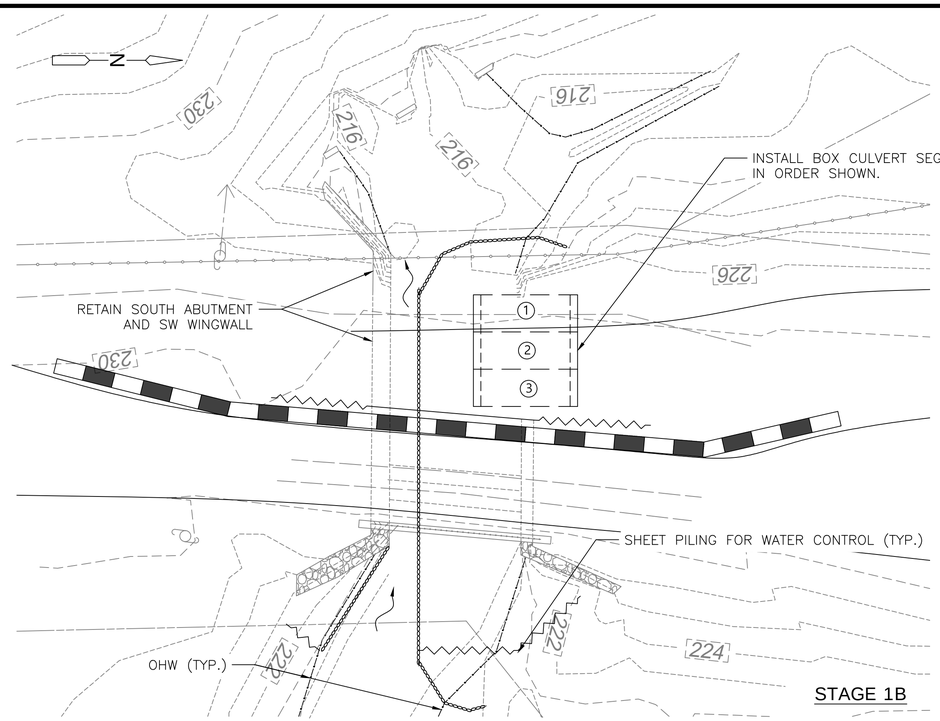
PROJECT NO.
000-000

DRAWING NO.
S-04

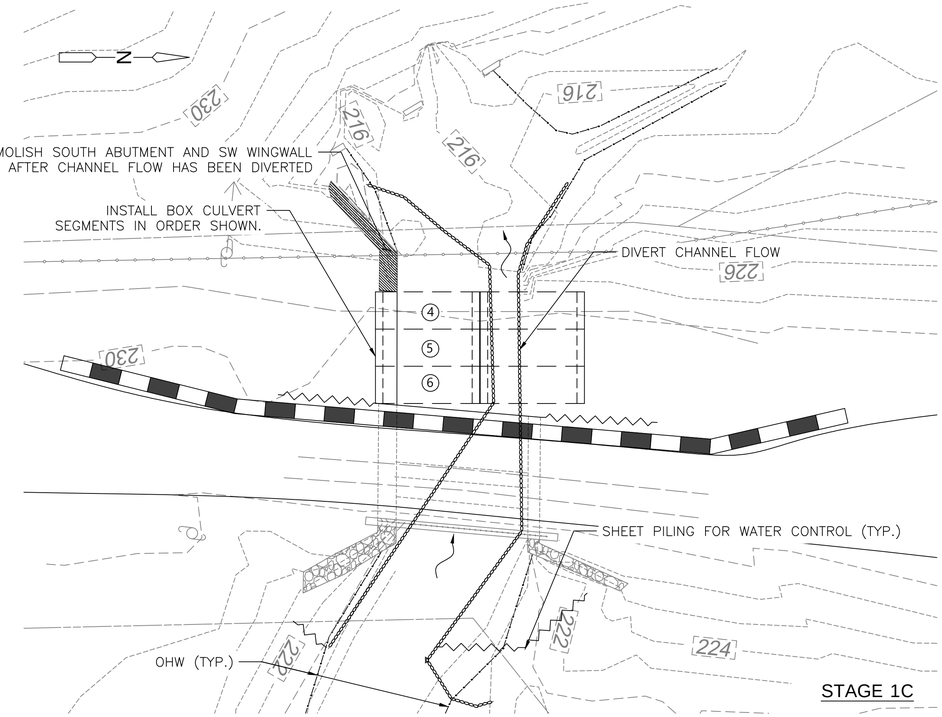
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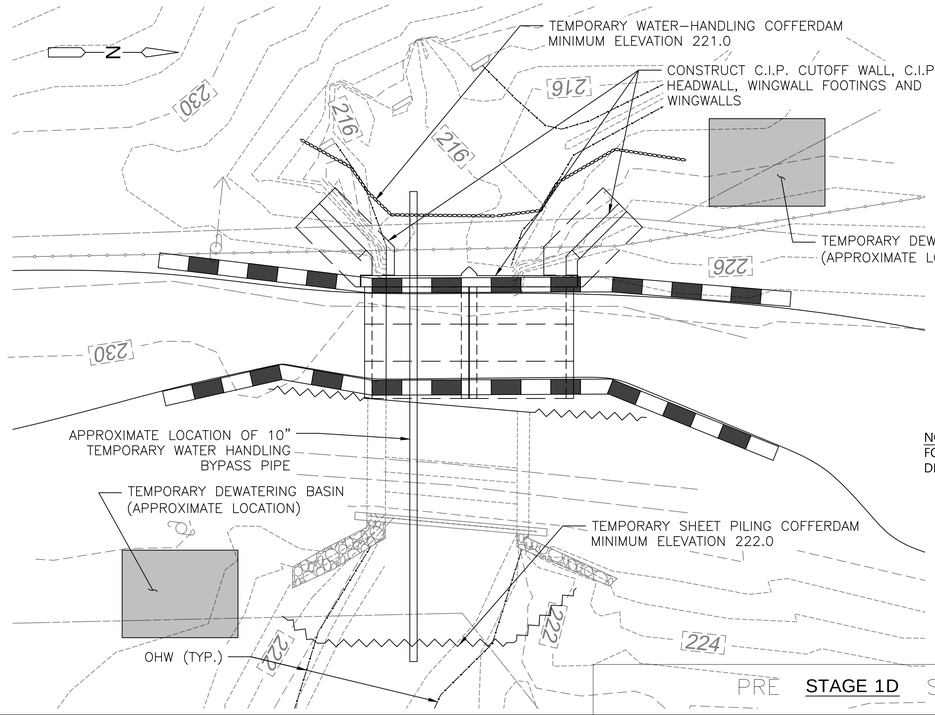
STAGE 1A



STAGE 1B



STAGE 1C



NOTE:
FOR WATER HANDLING PLAN NOTES SEE
DRAWING S-07

PRE STAGE 1D SIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date:

DESIGNER/DRAFTER: JCF
CHECKED BY: MPE
1" = 10'
5 0 10

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename:

SIGNATURE/
BLOCK:

PROJECT TITLE:
DANCO DRIVE BRIDGE REPLACEMENT

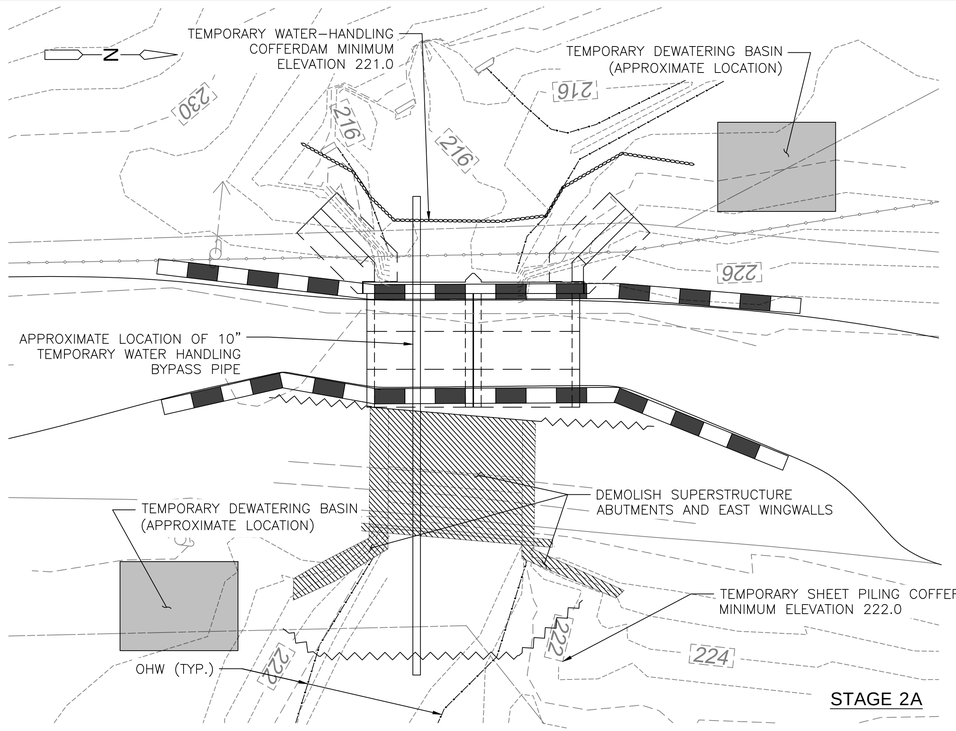
TOWN:
TOWN OF PUTNAM

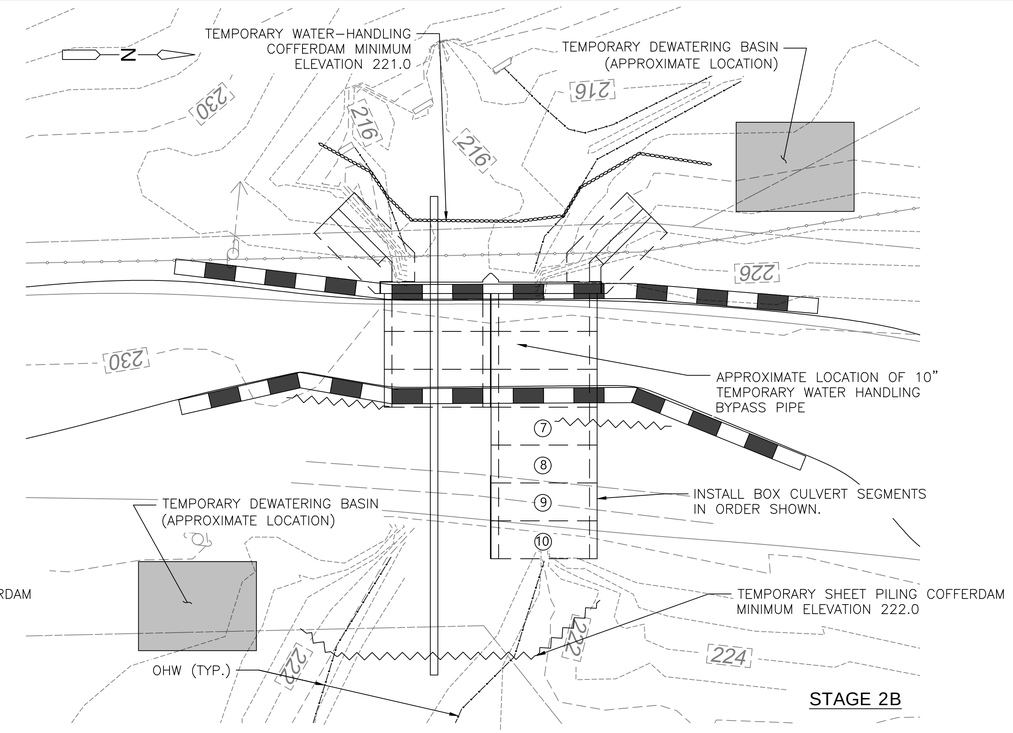
DRAWING TITLE:
WATER HANDLING PLAN
1 OF 2

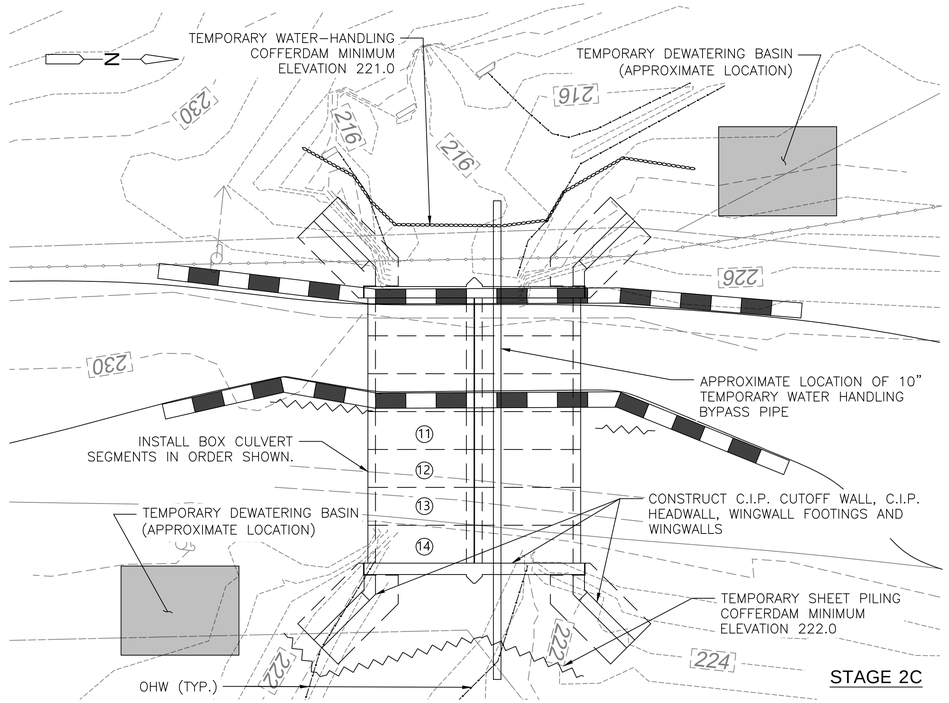
PROJECT NO.
000-000

DRAWING NO.
S-06

SHEET NO.







WATER HANDLING NOTES:

1. THE CONTRACTOR SHALL MAINTAIN WATER THROUGH THE TEMPORARY WATER HANDLING SYSTEM AS REQUIRED DURING CONSTRUCTION OF THE NEW BOX CULVERT.
2. EQUIPMENT SHALL NOT BE PERMITTED IN THE STREAM WHEN TEMPORARY WATER HANDLING SYSTEM IS NOT IN PLACE WITHOUT APPROVAL FROM THE ENGINEER.
3. A DEWATERING BASIN SHALL BE ESTABLISHED OUTSIDE THE WETLAND LIMITS.
4. TEMPORARY WATER HANDLING COFFERDAM SHALL CONSIST OF AN APPROVED SYSTEM THAT THE CONTRACTOR ELECTS TO USE WHICH SAFELY CONVEYS WATER FLOWS THROUGH THE CONSTRUCTION AREA, SHALL BE ABLE TO SUPPORT CONSTRUCTION ACTIVITY AND SHALL CONFORM TO PERMITS.

   ANY WATER HANDLING SCHEME DEPICTED WITHIN THE DEPARTMENTS 'HANDLING WATER TYPICAL SCHEMATICS' MAY BE USED UNLESS SPECIFICALLY PROHIBITED. A MEANS AND METHOD FOR WATER HANDLING SYSTEM SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER FOR APPROVAL.

   THE INSTALLATION AND REMOVAL OF THE TEMPORARY WATER HANDLING COFFERDAM CAN OCCUR AT ANY TIME OF THE YEAR.
5. WATER HANDLING MEASURES SHALL NOT EXCEED IMPACT AREAS SHOWN ON THE WETLAND AND FLOODPLAIN IMPACT SHEETS OF THE PERMIT PLANS.
6. ANY STORM DRAINAGE DISCHARGING INTO A CONFINED WORK AREA FROM EXISTING DRAINAGE SHALL BE DIVERTED OR PUMPED OUTSIDE THE CONFINED AREAS. PUMPS/PIPES SHALL BE SIZED BY THE CONTRACTOR TO HANDLE THE EXPECTED FLOWS AND BE DISCHARGED TO A STABLE LOCATION. THE CONTRACTOR SHALL SUBMIT THE MEANS AND METHODS OF HANDLING STORM DRAINAGE TO THE ENGINEER FOR APPROVAL AND IS INCLUDED AS PART OF WATER HANDLING.
7. IF A SHORT DURATION PUMP SYSTEM IS PROPOSED DURING LOW FLOW CONDITIONS, THE SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR TO HAVE A MINIMUM CAPACITY AS SHOWN IN THE TEMPORARY HYDRAULIC TABLE. PUMP SYSTEM PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

   BASED UPON FIELD CONDITIONS, WORK DURATION, AND EXPECTED WEATHER CONDITIONS, THE ENGINEER MAY APPROVE A CONSTRUCTION WATER HANDLING PLAN WITH LOWER PUMPING FLOWS, PROVIDED THAT THIS INCLUDES A CONTINGENCY PLAN, WHICH MINIMIZES NEGATIVE IMPACTS AND SAFELY CONVEYS LARGER FLOWS THROUGH THE WORK AREA.
8. TIMBER MATTING IS REQUIRED WHEN USING MACHINERY WITHIN THE WATERCOURSE, LIMITS MUST BE WITHIN THE PERMITTED IMPACT AREAS.

TEMPORARY HYDRAULIC DATA	
AVERAGE DAILY FLOW	#.# CFS
AVERAGE SPRING FLOW	#.# CFS
2 YEAR FREQUENCY DISCHARGE	### CFS
SHORT TERM, LOW FLOW PUMPING TEMPORARY DESIGN DISCHARGE = 3 x AVERAGE SPRING FLOW	### CFS
TEMPORARY DESIGN FREQUENCY	X YR
TEMPORARY DESIGN DISCHARGE	### CFS
TEMPORARY WATER SURFACE ELEVATION UPSTREAM	XXX FT
TEMPORARY WATER SURFACE ELEVATION DOWNSTREAM	XXX FT

PRELIMINARY DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date:

DESIGNER/DRAFTER: JCF
CHECKED BY: MPE
1" = 10'
5 0 10

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/ BLOCK:

Filename:

PROJECT TITLE:
DANCO DRIVE BRIDGE REPLACEMENT

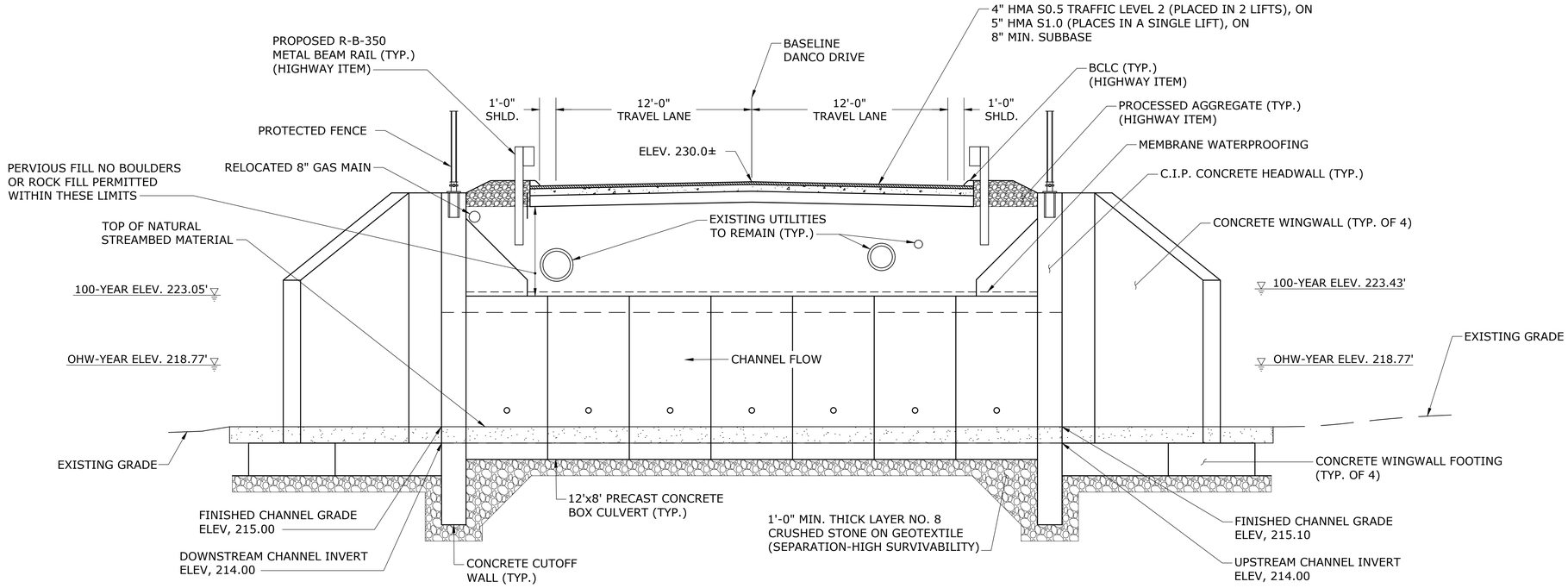
TOWN:
TOWN OF PUTNAM

DRAWING TITLE:
WATER HANDLING PLAN
2 OF 2

PROJECT NO.
000-000

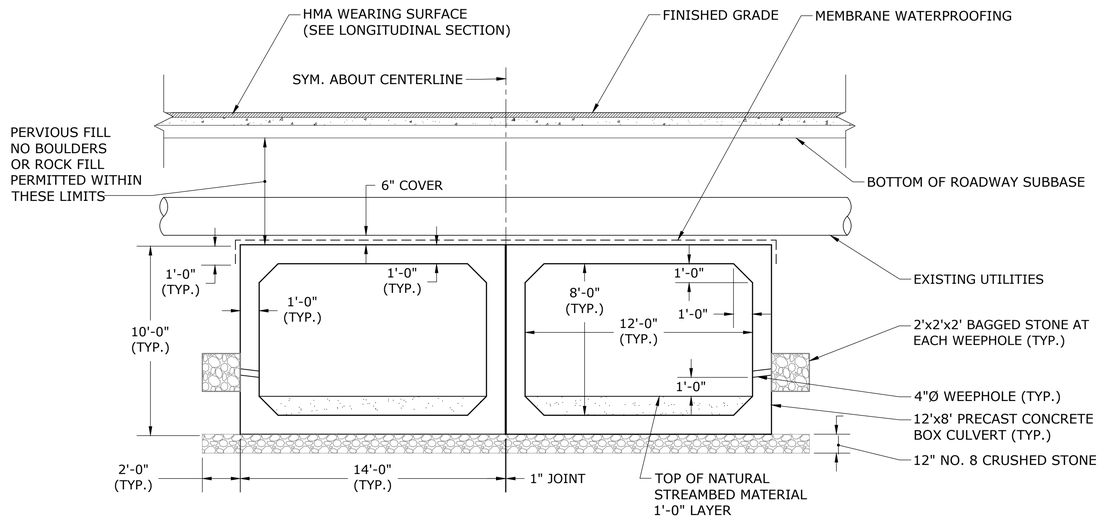
DRAWING NO.
S-07

SHEET NO.



LONGITUDINAL SECTION

SCALE: ¼" = 1'-0"



TRANSVERSE SECTION

SCALE: ¼" = 1'-0"

OPENNESS RATIO (OR):

OR = OPEN AREA / CULVERT LENGTH
OR = 83 SF / 38 FT = 2.18 FT (EACH CULVERT)
2.18 FT > 0.82 FT (RECOMMENDED MINIMUM)

BANKFULL WIDTH (BFW):

BFW = 18.0 FT EXISTING UPSTREAM (OHW)
1.2 BFW = 21.6 FT
28 FT > 21.6 FT PROPOSED BRIDGE DESIGN

NATURAL STREAMBED MATERIAL NOTES:

1. NATURAL STREAMBED MATERIAL EXCAVATED DURING THE PRECAST CONCRETE BOX CULVERT INSTALLATION SHALL BE STOCKPILED AND THEN REPLACED WITHIN THE PRECAST CONCRETE BOX CULVERT TO THE DEPTH SHOWN ON THE PLANS, AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH THE SPECIAL PROVISION "EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL."
2. THE STOCKPILED MATERIAL SHALL BE PROTECTED WITH A SEDIMENTATION CONTROL SYSTEM.
3. ADDITIONAL STREAMBED MATERIAL, IF REQUIRED, SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISION "SUPPLEMENTAL STREAMBED CHANNEL MATERIAL".

HYDRAULIC DATA	
DRAINAGE AREA	3.27 SQ. MI.
DESIGN FREQUENCY	100-YEAR
DESIGN DISCHARGE	794 CFS
AVERAGE DAILY FLOW ELEV.	218.77'
UPSTREAM DESIGN WSE	223.43'
DOWNSTREAM DESIGN WSE	223.05'

PRELIMINARY DESIGN REVIEW

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Plotted Date: 10/07/2021

DESIGNER/DRAFTER: JCF
CHECKED BY: MPE
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename:

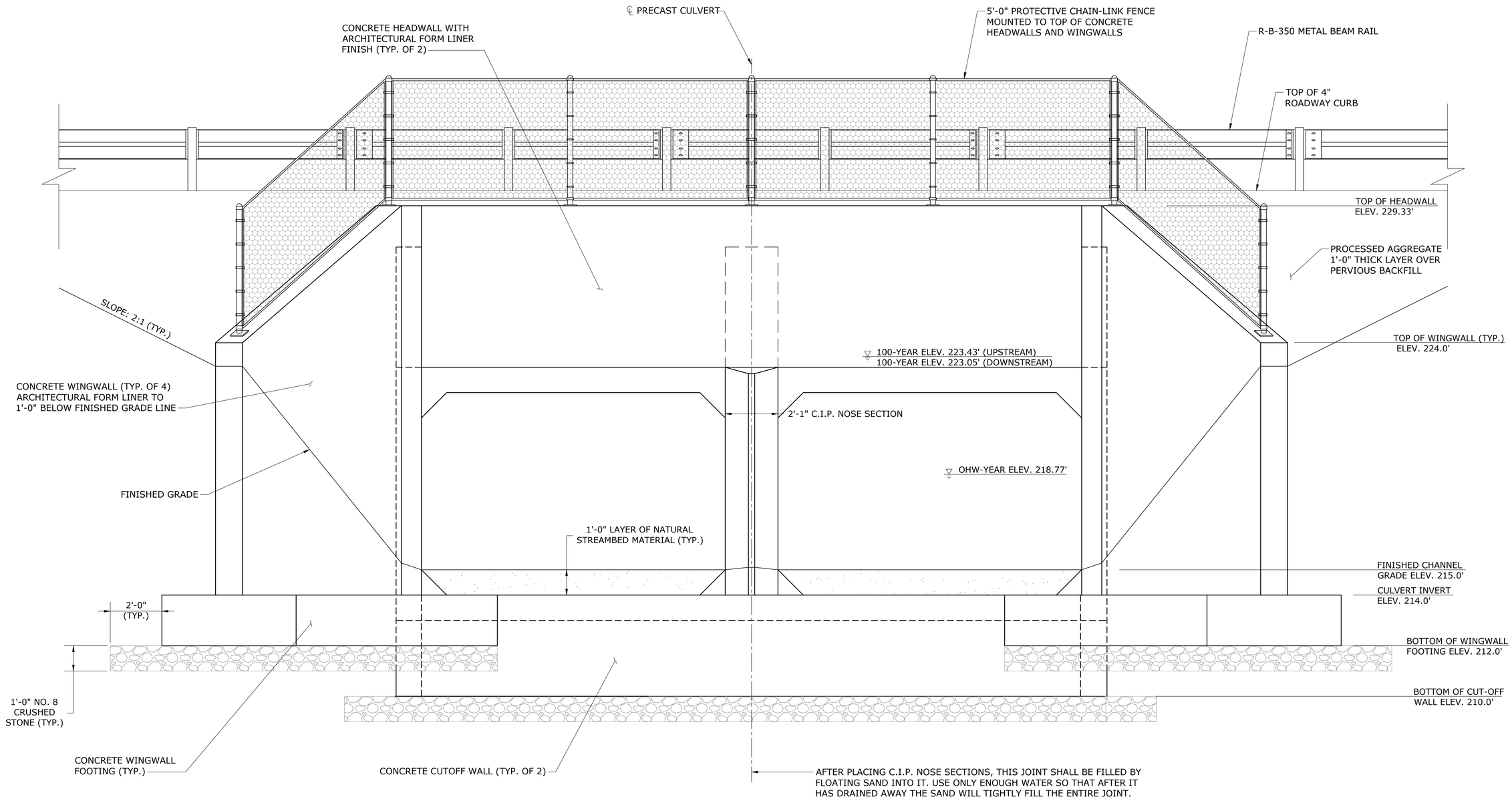
SIGNATURE/
BLOCK:

PROJECT TITLE:
DANCO DRIVE BRIDGE REPLACEMENT

TOWN: TOWN OF PUTNAM

DRAWING TITLE: CULVERT SECTIONS

PROJECT NO. 000-000
DRAWING NO. S-08
SHEET NO.



UPSTREAM ELEVATION (LOOKING WEST)

SCALE: ½" = 1'-0"
(DOWNSTREAM ELEVATION SIMILAR)

PRELIMINARY DESIGN REVIEW

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SCALE AS NOTED

STATE OF CONNECTICUT
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Filename:

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PROJECT TITLE:
DANCO DRIVE BRIDGE REPLACEMENT

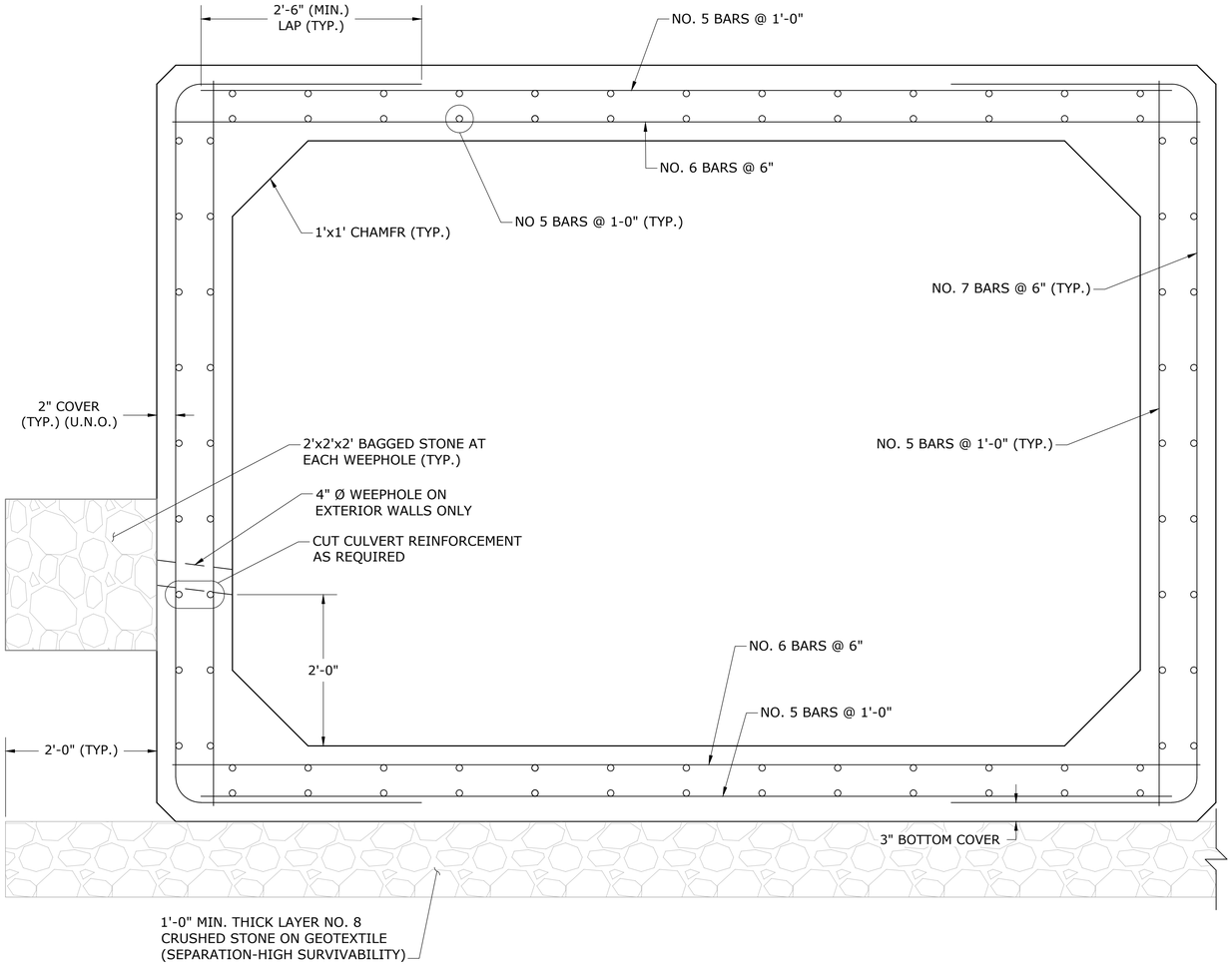
TOWN: TOWN OF PUTNAM

DRAWING TITLE: CULVERT ELEVATION

PROJECT NO. 000–000
DRAWING NO. S–09
SHEET NO.

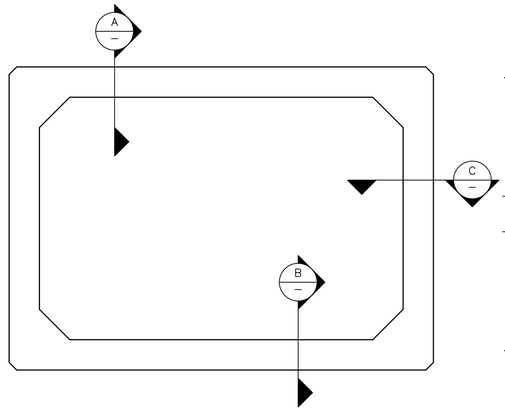
PRECAST CULVERT NOTES:

1. PRECAST CONCRETE BOX CULVERTS SHALL BE MANUFACTURED AND CONSTRUCTED IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "12' x 8' PRECAST CONCRETE BOX CULVERT" AND TO THE DIMENSIONS SHOWN ON THESE PLANS.
2. ALL INSERT OR HOLES INTO THE CULVERT SECTIONS FOR SOLE PURPOSE OF HANDLING AND SETTING THE UNITS SHALL BE GROUTED OVER TO A SMOOTH FINISH UPON COMPLETION OF THE WORK.
3. NON-SHRINK GROUT SHALL BE USED TO GROUT THE REINFORCEMENT.
4. THE COST OF FURNISHING AND INSTALLING THE INSERTS SHALL BE INCLUDED IN THE ITEM "12' x 8' PRECAST CONCRETE BOX CULVERT." ALL INSERTS SHALL HAVE A CORROSIVE RESISTANT COATING.
5. ALL REINFORCEMENT IS TO HAVE 2" COVER EXCEPT AT BOTTOM OF LOWER SLAB WHERE COVER SHALL BE 3 INCHES

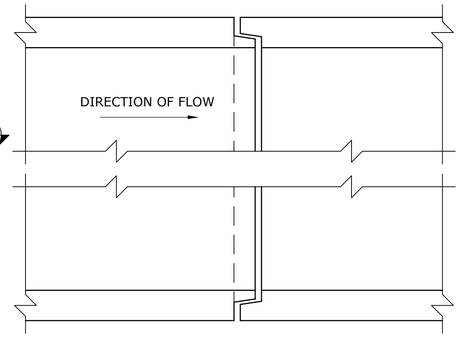


TYPICAL PRECAST CULVERT SECTION

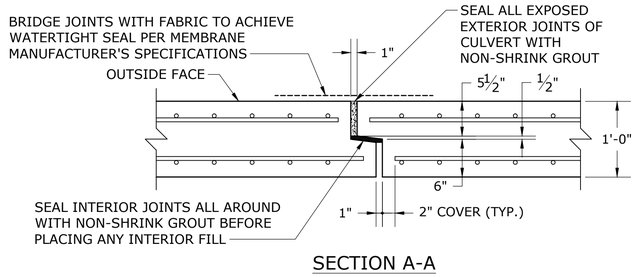
SCALE: 1" = 1'-0"



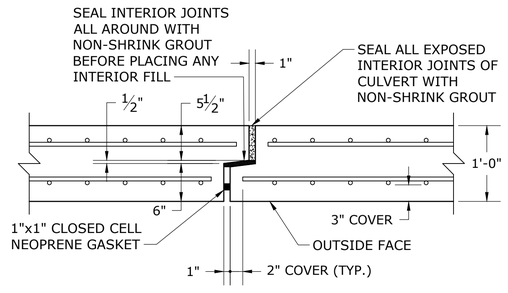
SECTION KEY



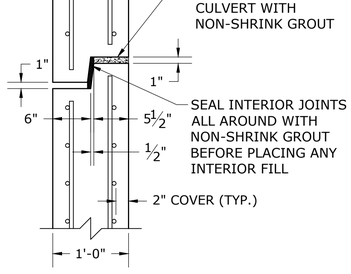
TYPICAL JOINT SCHEMATIC



SECTION A-A



SECTION B-B



SECTION C-C

TYPICAL CULVERT JOINT DETAIL

SCALE: 1" = 1'-0"

PRELIMINARY DESIGN REVIEW

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SCALE AS NOTED

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DEPARTMENT OF TRANSPORTATION

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SIGNATURE/ BLOCK:

PROJECT TITLE: DANCO DRIVE BRIDGE REPLACEMENT

TOWN: TOWN OF PUTNAM

DRAWING TITLE: CULVERT SECTIONS 1 OF 2

PROJECT NO. 000–000

DRAWING NO. S–10

SHEET NO.

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: Vachon Putnam, LLC

Applicant's Address: 139 Pomfret Street, Putnam, CT 06260

Phone #:

Owner of Land: Vachon Putnam, LLC

Owner's Address: 139 Pomfret Street, Putnam, CT 06260

Location and description of proposed activity: Vachon Putnam, LLC is proposing to construct additions to the existing automobile dealership which include expansion of the service department, modification of the front facade, and construction of a vehicle service drop off bay. Modifications require activity in the 100' upland review area including excavation of a grassed water quality basin.

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
☐	**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
☑	**12** Activity Buffer/Set Back Area	☐	**L** Routine Maintenance
☑	**13** Other: Please describe: Building additions and stormwater management improvements		

INLAND WETLAND COMMISSION

APPENDIX A *Continued*

Project Name (if applicable) Vachon Putnam Dealership improvements

Estimate of Linear Footage affecting Wetlands 262 l.f. along western property line - no direct impacts

Affected number of acres in which Wetlands are part of the impacted area for Multi-Family, Condos and Commercial Development 0.09 ac. of wetlands on site - no direct impacts proposed

TO BE COMPLETED BY THE COMMISSION

Application Number 2022-11 Date of Receipt 9-8-2022 ck# 10809

Application Approved (date) _____

Conditions of approval if applicable _____

_____

_____

_____

Application Denied (date) _____

Reason(s) for Denial _____

_____

_____

_____

_____ _____

Signature of Chairman or Secretary of Commission Date

CASH ONLY IF ALL *CheckLock*™ SECURITY FEATURES LISTED ON BACK INDICATE NO TAMPERING OR COPYING

KILLINGLY ENGINEERING ASSOCIATES, LLC
P.O. BOX 421
KILLINGLY, CT 06241
860-779-7299

CHARTER OAK FCU
589 HARTFORD PIKE
KILLINGLY, CT 06241
51-7699/2111

10809

9/8/2022

PAY TO THE ORDER OF Town of Putnam $ **160.00

One Hundred Sixty and 00/100********** DOLLARS

Town of Putnam

MEMO Inland wetlands Application Fee - Vachon

Details on Back

Intuit® *CheckLock*™ Secure Check

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

2. 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

3. Applicant must provide an approximate estimate of the number of acres that are affected by said proposal dealing 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
	Over Five (5) acres	$300.00
	Per linear foot of wetlands additional	$0.50

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

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 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

5. TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name): Putnam
   does this project cross municipal boundaries (check one)? yes ☐ no ☑
   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: Putnam or number: 28
   subregional drainage basin number: 3700
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): Vachon Putnam, LLC
8. NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): Vachon Auto, 139 Pomfret St.
   briefly describe the action/project/activity (check and print information): temporary ☑ permanent ☐ description:
   Addition to An Existing Building w/Activity in Upland Review
9. ACTIVITY *PURPOSE* CODE (see instructions - one code only): D
10. ACTIVITY *TYPE* CODE(S) (see instructions for codes): 1, 2, 12, 14
11. WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):
    wetlands: 0 acres open water body: 0 acres stream: 0 linear feet
12. UPLAND AREA ALTERED (must provide acres): 1.5± acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

DATE RECEIVED: **PART III: To Be Completed By The DEEP** DATE RETURNED TO DEEP:

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

Putnam, CT

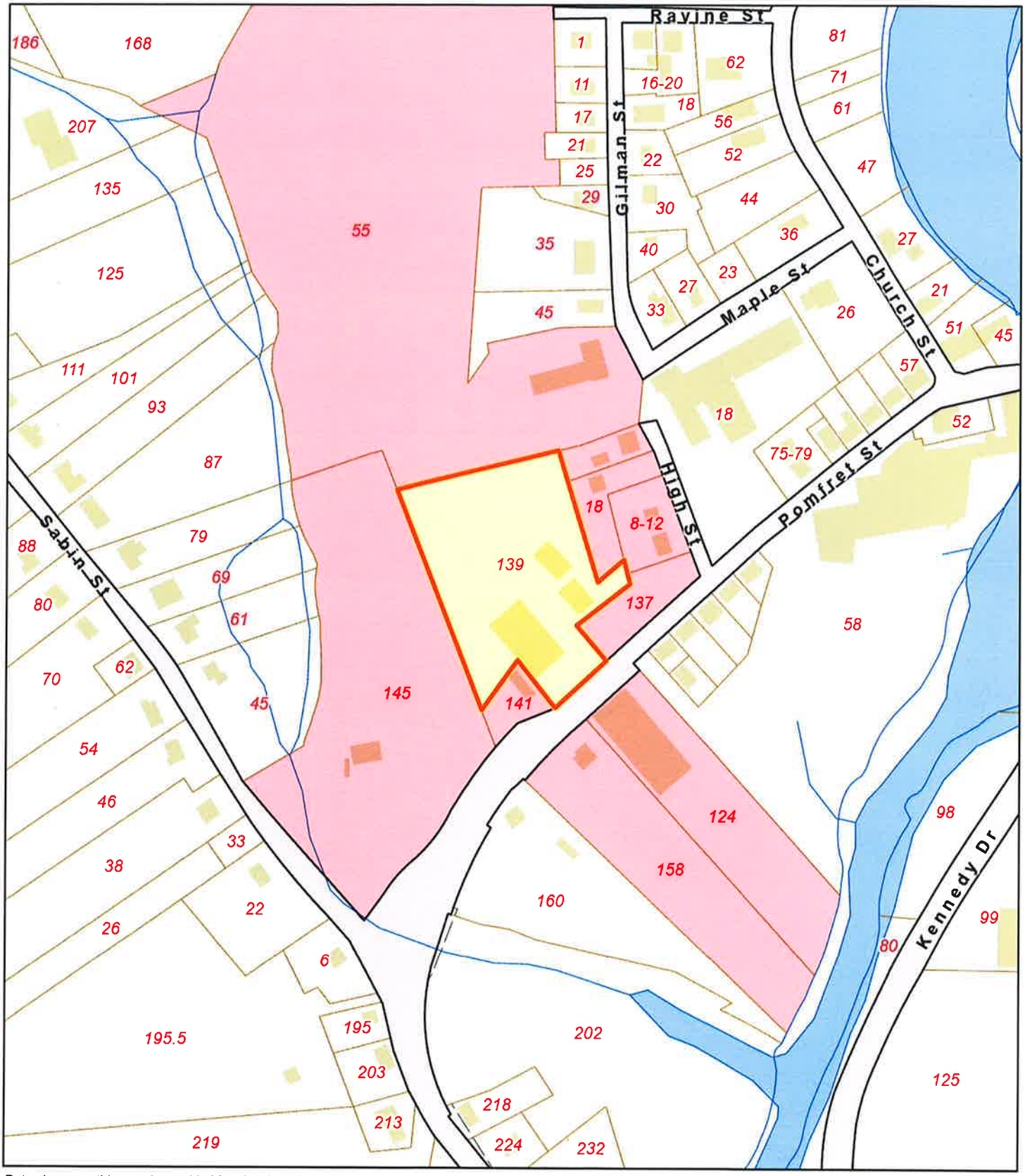
1 inch = 280 Feet

0 280 560 841

September 7, 2022

CAI Technologies

www.cai-tech.com



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

0 foot Abutters List Report

Putnam, CT
September 07, 2022

Subject Property:

Parcel Number:	014-045	Mailing Address:	VACHON PUTNAM LLC
CAMA Number:	014-045-000		139 POMFRET ST
Property Address:	139 POMFRET ST		PUTNAM, CT 06260

Abutters:

Parcel Number:	014-013	Mailing Address:	D & M GROUP LLC
CAMA Number:	014-013-000		18 MAPLE ST
Property Address:	55 GILMAN ST		PUTNAM, CT 06260
Parcel Number:	014-054	Mailing Address:	RIVERVIEW MEDICAL CENTER LLC
CAMA Number:	014-054-000		145 WESTFORD ROAD
Property Address:	145 POMFRET ST		EASTFORD, CT 06242
Parcel Number:	014-056	Mailing Address:	VACHON PUTNAM LLC
CAMA Number:	014-056-000		139 POMFRET ST
Property Address:	141 POMFRET ST		PUTNAM, CT 06260
Parcel Number:	015-091	Mailing Address:	BARRETT JOSEPH D
CAMA Number:	015-091-000		39 POMFRET RD
Property Address:	24-26 HIGH ST		EASTFORD, CT 06242
Parcel Number:	015-103	Mailing Address:	DEHENAUT PHILIPPE M & HEIDI A
CAMA Number:	015-103-000		18 HIGH ST
Property Address:	18 HIGH ST		PUTNAM, CT 06260
Parcel Number:	015-108	Mailing Address:	HIGH STREET COMMONS LLC
CAMA Number:	015-108-000		258 FARMSTEAD HILL RD
Property Address:	8-12 HIGH ST		FAIRFIELD, CT 06824
Parcel Number:	015-124	Mailing Address:	VACHON PUTNAM LLC
CAMA Number:	015-124-000		139 POMFRET ST
Property Address:	137 POMFRET ST		PUTNAM, CT 06260
Parcel Number:	015-158	Mailing Address:	THE ELTA REALTY CORP
CAMA Number:	015-158-000		124 POMFRET ST
Property Address:	124 POMFRET ST		PUTNAM, CT 06260
Parcel Number:	015-162	Mailing Address:	405 POMFRET STREET LLC
CAMA Number:	015-162-000		220 W QUASSET RD
Property Address:	158 POMFRET ST		WOODSTOCK, CT 06281

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

4/12/2022

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

RE: WETLAND DELINEATION, VACHON GMC PROPERTY, PUTNAM, CT.

DEAR MR. GLAUDE,

AT YOUR REQUEST I HAVE DELINEATED THE INLAND WETLANDS AND WATERCOURSES 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 THAT WERE FOUND.

FLAG NUMBERS WF-1 THROUGH WF-25 DELINEATE A PALUSTRINE SCRUB-SHRUB WETLAND FOUND ALONG THE WESTERN PROPERTY BOUNDARY.

THESE SOILS HAVE FORMED FROM THE PERSISTENT WETNESS ASSOCIATED WITH THE HIGH WATER TABLES AND GROUNDWATER BREAKOUT.

THESE DELINEATED WETLAND SOILS ARE CHARACTERIZED BY THICK ORGANIC "A" HORIZONS, SHALLOW REDOXIMORPHIC FEATURES AND LOW CHROMA COLORS WITHIN 20 INCHES OF THE SOIL SURFACE.

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.

PROPOSED DEALERSHIP IMPROVEMENTS

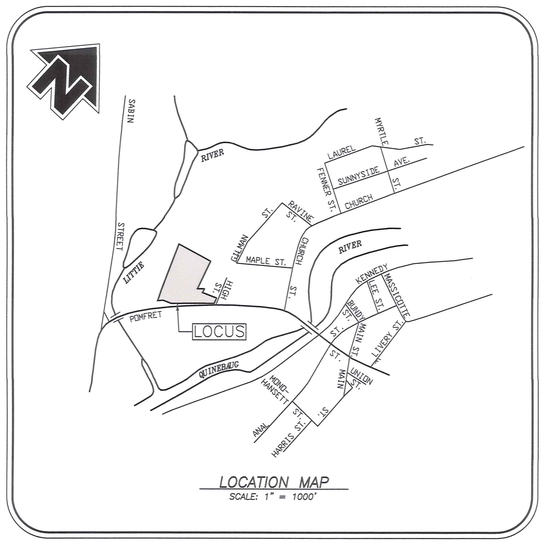
139 POMFRET ROAD (ROUTE 44)
PUTNAM, CONNECTICUT

PREPARED FOR:

VACHON PUTNAM, LLC

LEGEND

○	IRON PIN FOUND
□ CHD PNT	CHD MONUMENT POINT
⊣	SIGN
LP	LIGHT POLE
⌀	UTILITY POLE
WG	WATER GATE
GG	GAS GATE
HYD	FIRE HYDRANT
CB	CATCH BASIN
MH	MANHOLE
100	EXISTING CONTOURS
#	INLAND WETLANDS FLAG
	STONE WALL



LOCATION MAP
SCALE: 1" = 1000'

INDEX TO DRAWINGS

TITLE	SHEET No.
COVER SHEET	1 OF 6
EXISTING CONDITIONS PLAN	2 OF 6
DEMOLITION PLAN	3 OF 6
SITE PLAN	4 OF 6
LIGHTING & LANSCAPING PLAN	5 OF 6
DETAIL SHEET	6 OF 6

CONSTRUCTION NOTES

1. 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.
2. In the event that ground water or evidence thereof is encountered, sufficient dewatering equipment, shall be installed and maintained to accommodate same.
3. All existing site features not scheduled to remain shall be removed and disposed of in a proper manner, by the contractor.
4. All reinforced concrete storm drainage pipes shall have gasketed rubber joints.
5. All disturbed areas not scheduled for pavement, walks, etc. shall be permanently established as turf.
6. The location of existing utilities is shown for informational purposes only. 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.

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

PREPARED BY:

REVISIONS	
DATE	DESCRIPTION

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

May 2022

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

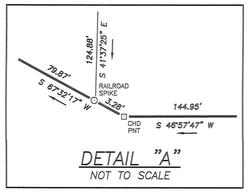
CHAIRMAN / SECRETARY DATE

ENDORSED BY THE TOWN OF PUTNAM ZONING ENFORCEMENT OFFICER

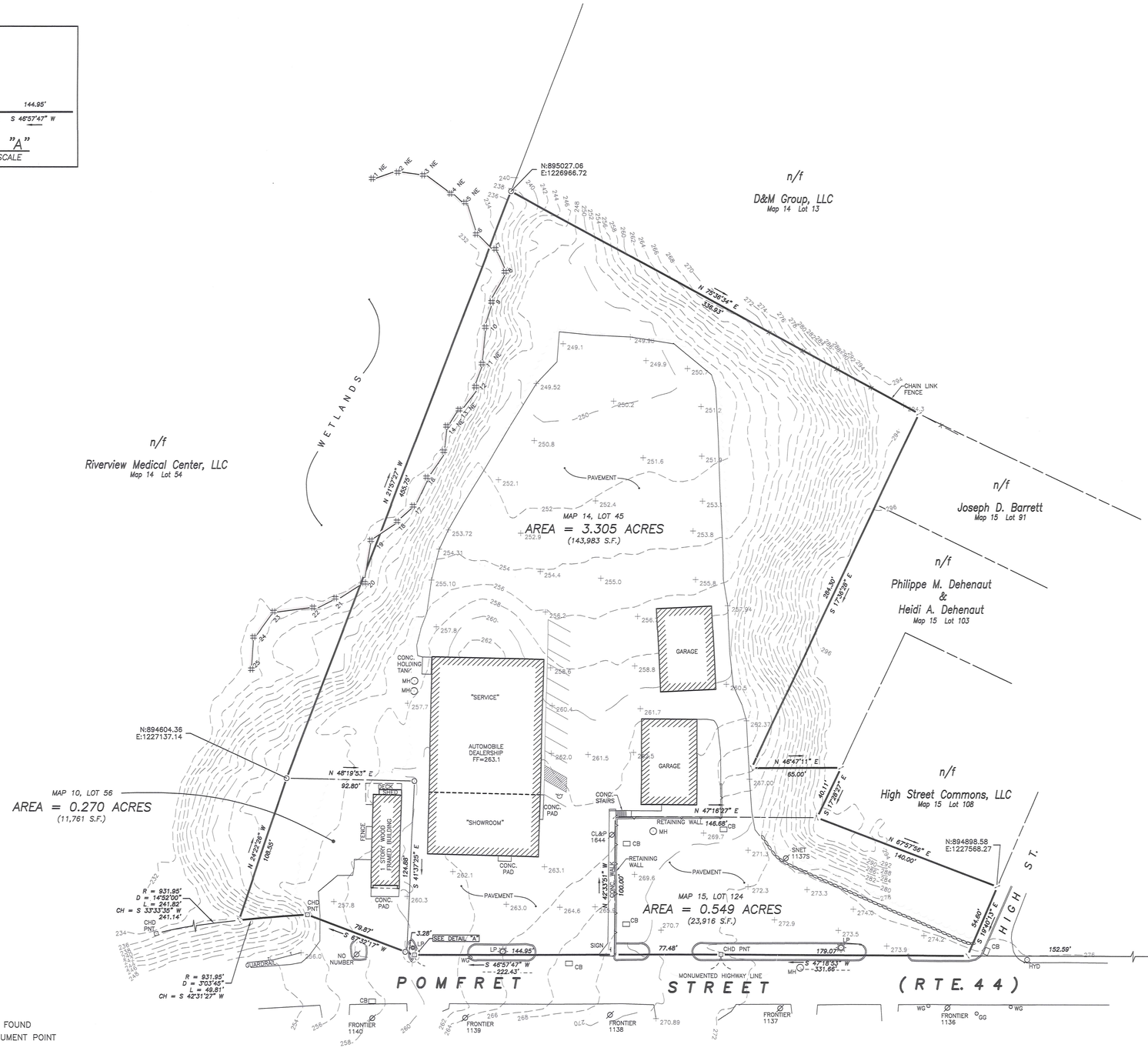
ZONING ENFORCEMENT OFFICER DATE

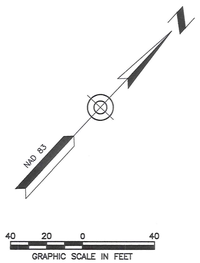
STATE OF CONNECTICUT
NORMAND THIBEAULT JR.
No. 22834
LICENSED PROFESSIONAL ENGINEER

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE 9/8/2022



DETAIL "A"
NOT TO SCALE





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 adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;
   - This survey conforms to a Class "A–2" horizontal accuracy.
   - Topographic features conform to a Class "T–2", "V–2" vertical accuracy.
   - Survey Type: Improvement Location Survey.
   - Boundary Determination Category: Dependent Resurvey
2. Zone = HC.
3. Owner of record: Vachon Putnam, LLC.
   139 Pomfret Street, Putnam, CT 06260
   See Volume 836, Page 1057
4. Parcel lies within Flood Hazard Zone 'X' (areas of minimal flooding) as shown on FIRM Map # 090194 Panel 0002B Effective Date: October 18, 1988.
5. North orientation, bearings and coordinate values shown are based on North American Datum of 1983 (NAD 83) and are taken from GPS obeservations using the "Superior" statewide GPS network and RTK correction system.
6. Elevations shown are based on North American Vertical Datum of 1988 (NAVD 88). Contours shown are taken from Connecticut statewide LIDAR and supplemented with actual field survey. Contour interval = 2'.
7. Wetlands shown were delineated in the field by Joseph Theroux, Certified Soil Scientist, on March 2022.

MAP REFERENCES:

1. "Connecticut State Hight Department – Right of way map – Town of Putnam – Pomfret & Front Streets From Little River Easterly to South Main Street – Route U.S. 44 – Scale: 1" = 40' – Date: March 31, 1939 – Sheet 1 of 2". On file in the Putnam Land Records as Map #15044.
2. "Subdivision of Land – Prepared for – The Daughters of the Holy Spirit, Incorporated – Church St, Fenner St, Gilman St, & Ravine St. – Putnam, Connecticut – Scale: 1" = 40' – Date: September 23, 1988 – Sheet 3 of 3 – Prepared by: Albert L. Fitzback, LLS". On file in the Putnam Land Records as Map #981.
3. "Site Plan – Prepared for – George T. Bordua & William J. Espinosa Jr. Pomfret Street (Route 44) & Sabin St. – Putnam, Connecticut – Scale: 1" = 40' – Date: February 13, 1992 – Sheet 1 of 1 – Prepared by: Albert L. Fitzback, LLS". On file in the Putnam Land Records as Map #1265.

DATE	DESCRIPTION
	REVISIONS

LEGEND

○	IRON PIN FOUND
□ CHD PNT	CHD MONUMENT POINT
∮	SIGN
☼ LP	LIGHT POLE
Ø	UTILITY POLE
○ WG	WATER GATE
○ GG	GAS GATE
⛉ HYD	FIRE HYDRANT
□ CB	CATCH BASIN
○ MH	MANHOLE
– – –100– – –	EXISTING CONTOURS
———#———	INLAND WETLANDS FLAG
○○○○○○○○	STONE WALL

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

CHAIRMAN / SECRETARY DATE

ENDORSED BY THE TOWN OF PUTNAM ZONING ENFORCEMENT OFFICER

ZONING ENFORCEMENT OFFICER DATE

STATE OF CONNECTICUT GREG A. GLAUDE LICENSED LAND SURVEYOR

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

GREG A. GLAUDE, L.S. LIC. NO. 70191 9.08.2022 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE LAND SURVEYOR.

IMPROVEMENT LOCATION SURVEY
SHOWING EXISTING CONDITIONS
PREPARED FOR

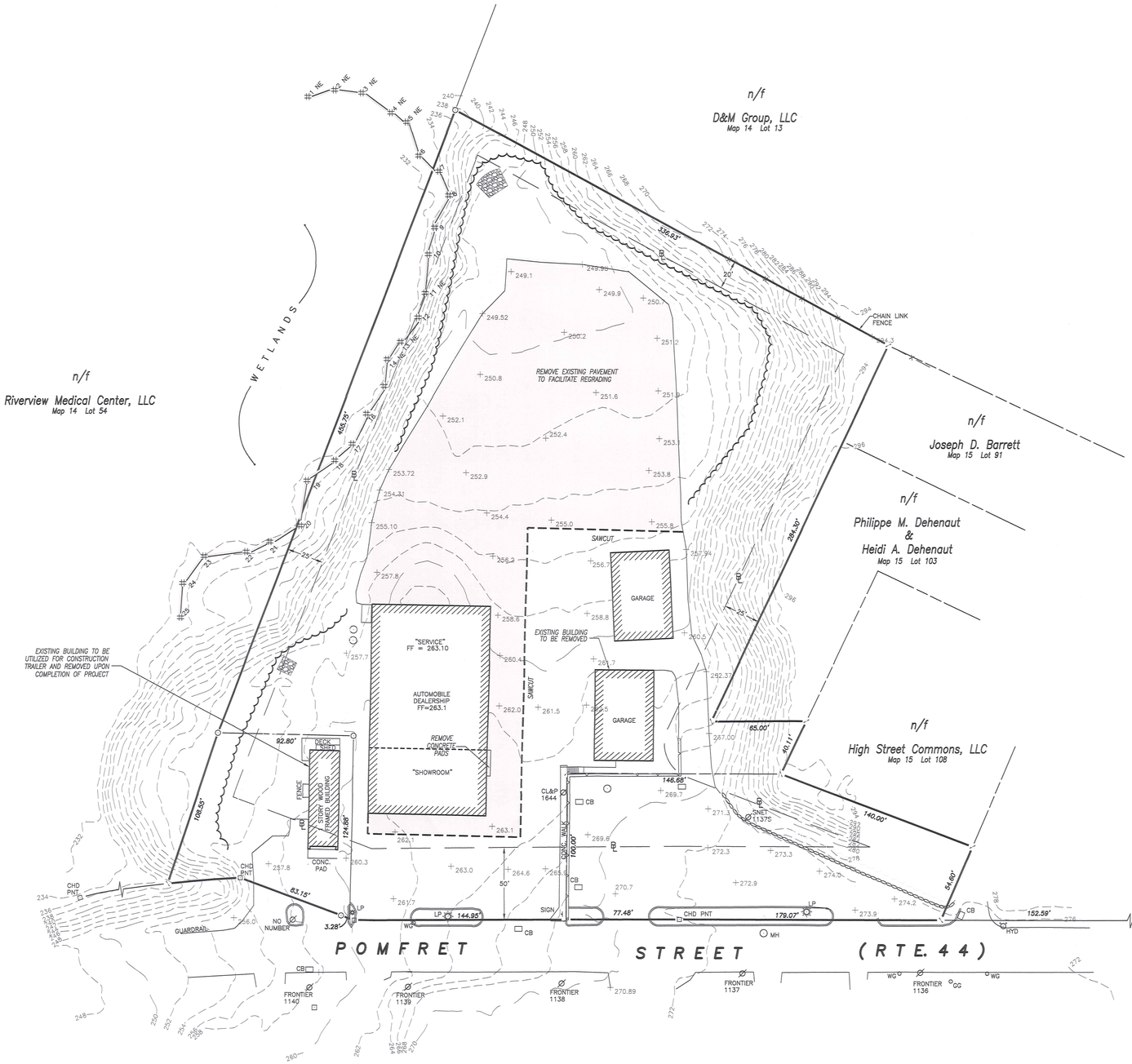
VACHON PUTNAM, LLC

139 POMFRET STREET (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

DATE: 05/26/2022	DRAWN: RGS
SCALE: 1" = 40'	DESIGN: NET
SHEET: 2 OF 6	CHK BY: ---
DWG. No: CLIENT FILE	JOB No: 22028

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LEGEND

○	IRON PIN FOUND
□ CHD PNT	CHD MONUMENT POINT
∤	SIGN
☼ LP	LIGHT POLE
⌀	UTILITY POLE
○ WG	WATER GATE
○ GG	GAS GATE
♉ HYD	FIRE HYDRANT
▭ CB	CATCH BASIN
○ MH	MANHOLE
– – –100– – –	EXISTING CONTOURS
——#——	INLAND WETLANDS FLAG
——BL——	BUILDING SETBACK LINE
⬭⬭⬭⬭⬭	STONE WALL

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

CHAIRMAN / SECRETARY DATE

ENDORSED BY THE TOWN OF PUTNAM ZONING ENFORCEMENT OFFICER

ZONING ENFORCEMENT OFFICER DATE

STATE OF CONNECTICUT · NORMAND E. THIBEAULT JR. · No. 22834 · LICENSED PROFESSIONAL ENGINEER

NORMAND E. THIBEAULT, JR., P.E. 9/8/2022
LIC #PEN 0022834 DATE

DATE	DESCRIPTION

REVISIONS

DEMOLITION PLAN

PREPARED FOR

VACHON PUTNAM, LLC

139 POMFRET STREET (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

DATE: 05/26/2022	DRAWN: RGS
SCALE: 1" = 40'	DESIGN: NET
SHEET: 3 OF 6	CHK BY: ---
DWG. No: CLIENT FILE	JOB No: 22028

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LEGEND

- IRON PIN FOUND
- CHD PNT — CHD MONUMENT POINT
- SIGN
- LP — LIGHT POLE
- UTILITY POLE
- WG — WATER GATE
- GG — GAS GATE
- HYD — FIRE HYDRANT
- CB — CATCH BASIN
- MH — MANHOLE
- 100 — EXISTING CONTOURS
- INLAND WETLANDS FLAG
- BSL — BUILDING SETBACK LINE
- STONE WALL

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

CHAIRMAN / SECRETARY DATE

ENDORSED BY THE TOWN OF PUTNAM ZONING ENFORCEMENT OFFICER

ZONING ENFORCEMENT OFFICER DATE

STATE OF CONNECTICUT · NORMAND THIBEAULT JR. · No. 22834 · LICENSED PROFESSIONAL ENGINEER

Normand Thibeault 9/6/2022

NORMAND E. THIBEAULT, JR., P.E. DATE
LIC #PEN 0022834

DATE	DESCRIPTION

REVISIONS

SITE PLAN

PREPARED FOR

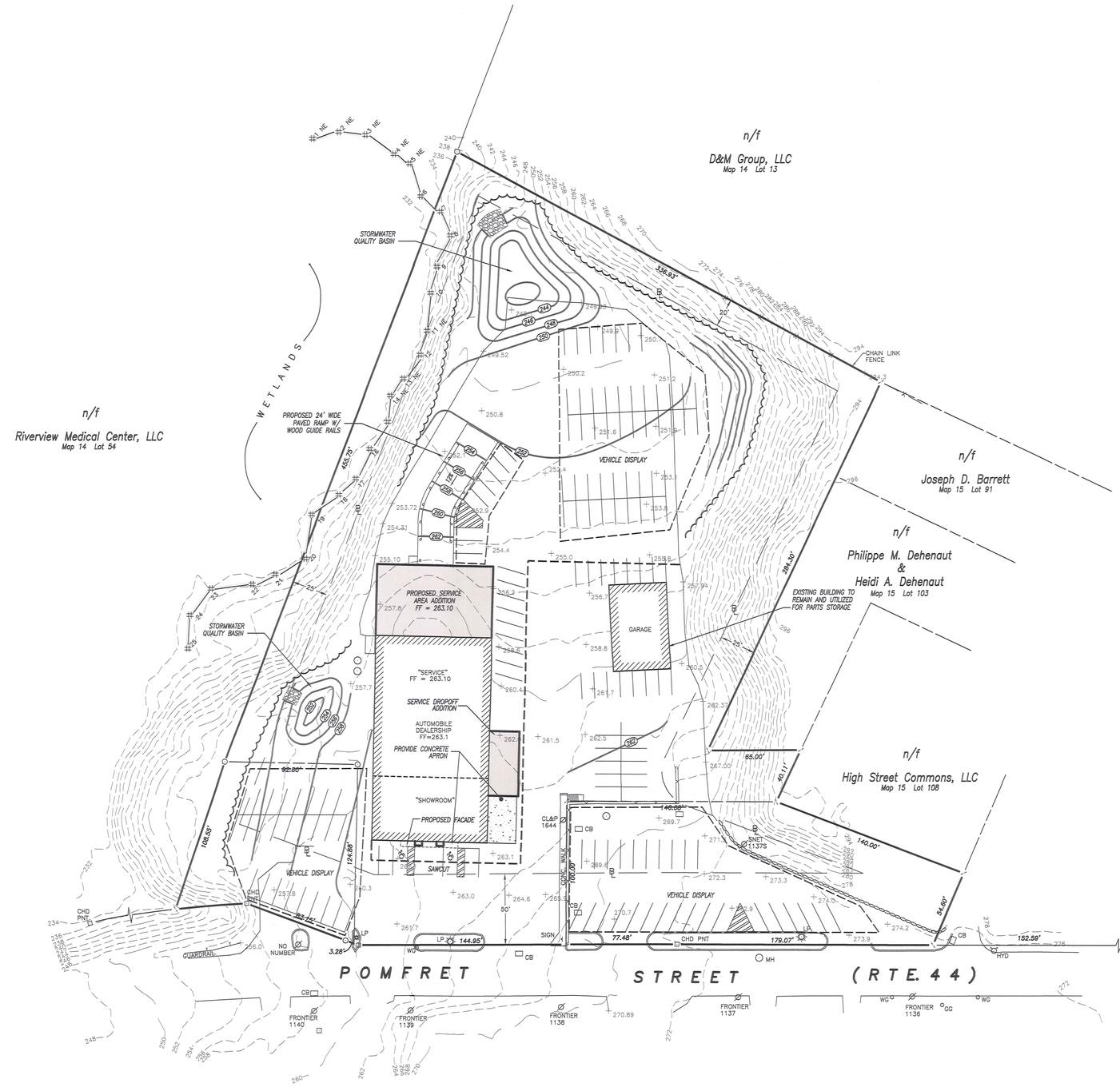
VACHON PUTNAM, LLC

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DATE: 05/26/2022	DRAWN: RGS
SCALE: 1" = 40'	DESIGN: NET
SHEET: 4 OF 6	CHK BY: ---
DWG. No: CLIENT FILE	JOB No: 22028

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LEGEND

- IRON PIN FOUND
- CHD PNT — CHD MONUMENT POINT
- SIGN
- LP — LIGHT POLE
- UTILITY POLE
- WG — WATER GATE
- GG — GAS GATE
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- CB — CATCH BASIN
- MH — MANHOLE
- 100 — EXISTING CONTOURS
- # — INLAND WETLANDS FLAG
- BTL — BUILDING SETBACK LINE
- STONE WALL

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

CHAIRMAN / SECRETARY DATE

ENDORSED BY THE TOWN OF PUTNAM ZONING ENFORCEMENT OFFICER

ZONING ENFORCEMENT OFFICER DATE

STATE OF CONNECTICUT NORMAND E. THIBEAULT JR. No. 22834 LICENSED PROFESSIONAL ENGINEER

NORMAND E. THIBEAULT, JR., P.E. 9/8/2022
LIC. #PEN 0022834 DATE

DATE	DESCRIPTION

REVISIONS

LIGHTING & LANDSCAPING PLAN

PREPARED FOR

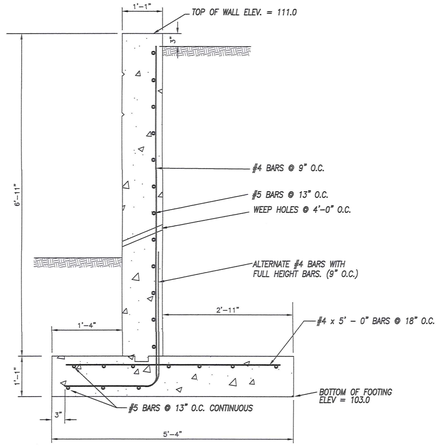
VACHON PUTNAM, LLC

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PUTNAM, CONNECTICUT

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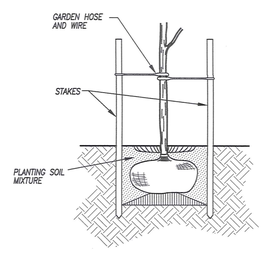
DATE: 05/26/2022	DRAWN: RGS
SCALE: 1" = 40'	DESIGN: NET
SHEET: 5 OF 6	CHK BY: ---
DWG. No: CLIENT FILE	JOB No: 22028

K:\22028\Drawings\22028_05_LIGHTING & LANDSCAPING PLAN.dwg Sep 08, 2022 - 10:55 AM



RETAINING WALL SECTION

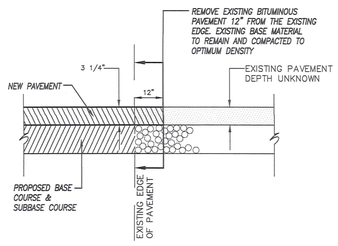
NOT TO SCALE



REFERENCE: GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL

PLANTING CROSS SECTION FOR TREES UNDER 20'

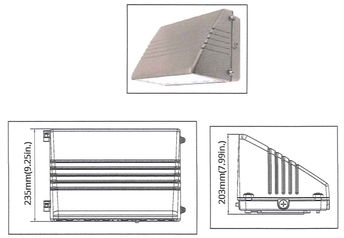
NOT TO SCALE



1. SAW CUT PAVEMENT WITH POWER DRIVEN SAW 12" FROM THE EXISTING EDGE. SAW CUT TO BE PERPENDICULAR TO THE EXISTING SURFACE.
2. REMOVE ENTIRE WIDTH OF PAVEMENT.
3. CLEAN JOINT WITH COMPRESSED AIR HAVING A MINIMUM RATED CAPACITY OF 90 PSI.
4. APPLY TACK COAT TO THE SAW CUT EDGE AND MATCH THIS EDGE WITH THE PROPOSED EDGE.

TYPICAL CROSS SECTION FOR MATCHING EXISTING AND PROPOSED PAVEMENT

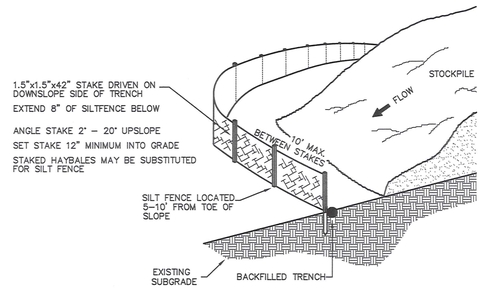
NOT TO SCALE



BUILDING MOUNTED LIGHT FULL CUTOFF WALL PACK

NOT TO SCALE

DESIGN SPECS:
- FULL CUTOFF DESIGN
- LED LIGHT WITH 6,300 LUMENS
- LIGHT SHALL BE POSITIONED TO PREVENT LIGHT AND GLARE FROM SPILLING ONTO ADJACENT PROPERTY



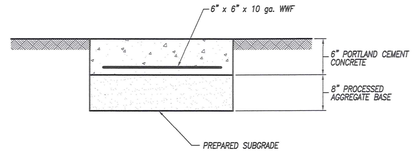
SILT FENCE @ TOE OF SLOPE APPLICATION

NOT TO SCALE



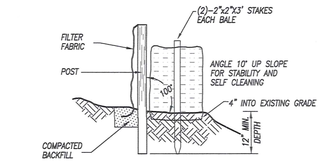
HANDICAP PARKING SIGN DETAIL

NOT OT SCALE



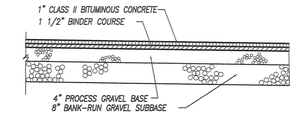
SECTION THRU CONCRETE PAD

NOT TO SCALE



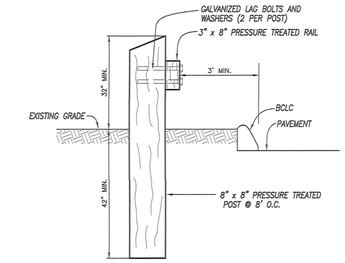
SILT FENCE – BACKED WITH HAYBALES

NOT TO SCALE



BITUMINOUS CONCRETE PAVEMENT

NOT TO SCALE



WOOD GUIDE RAIL

NOT TO SCALE

DATE	DESCRIPTION

REVISIONS

DETAIL SHEET

PREPARED FOR

VACHON PUTNAM, LLC

139 POMFRET STREET (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

DATE: 05/26/2022	DRAWN: RGS
SCALE: 1" = 40'	DESIGN: NET
SHEET: 6 OF 6	CHK BY: ---
DWG. No: CLIENT FILE	JOB No: 22028

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

CHAIRMAN / SECRETARY DATE

ENDORSED BY THE TOWN OF PUTNAM ZONING ENFORCEMENT OFFICER

ZONING ENFORCEMENT OFFICER DATE

STATE OF CONNECTICUT NORMAND E. THIBEAULT, JR. No. 22034 LICENSED PROFESSIONAL ENGINEER

9/8/2022

NORMAND E. THIBEAULT, JR., P.E. DATE
LIC #PEN 0022834

K:\22028\Drawings\22028_06_DET.dwg Sep 08, 2022 - 10:56 AM

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: Khamphanh & Sukpaseuth Phongsa

Applicant's Address: 15 Wolf Den Dr. Pomfret, CT 06259

Phone #: 860-576-5091

Owner of Land: Same as above

Owner's Address:

Location and description of proposed activity: 601 & 603 School St Putnam, CT

Yard grading and parking

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
☐	**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
☑	**12** Activity Buffer/Set Back Area	☐	**L** Routine Maintenance
☐	**13** Other: Please describe:		

INLAND WETLAND COMMISSION

APPENDIX A *Continued*

Project Name (if applicable) _____

Estimate of Linear Footage affecting Wetlands 0

Affected number of acres in which Wetlands are part of the impacted area for Multi-Family, Condos and Commercial Development 0, #603 total area 0.29 ac., #601 Total area 0.55ac

TO BE COMPLETED BY THE COMMISSION

Application Number 2022-12

Date of Receipt RECEIVED 9/28/2022 2022 #142 By

Application Approved (date) _____

Conditions of approval if applicable _____

Application Denied (date) _____

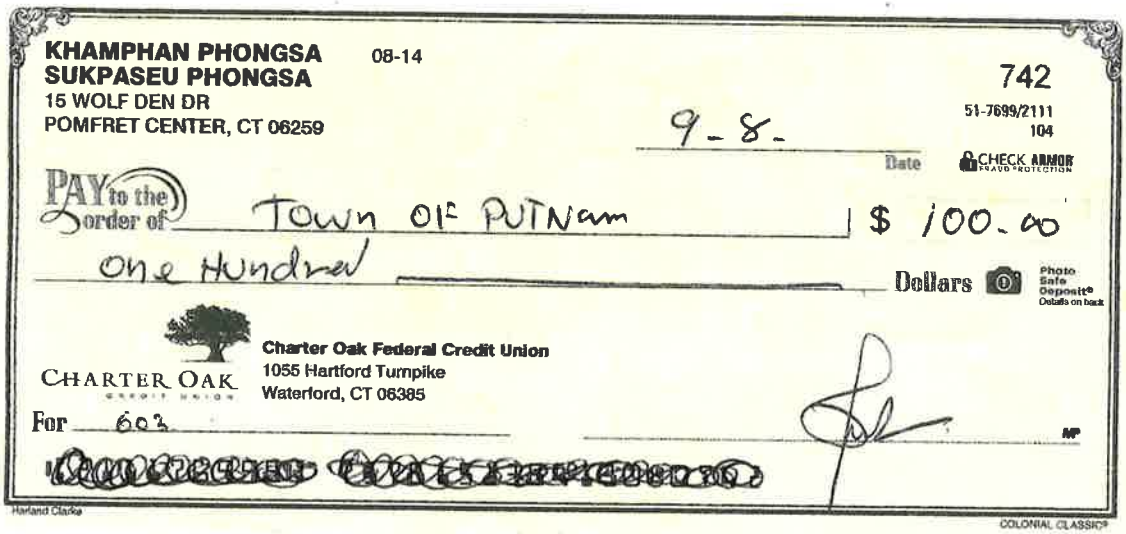
Reason(s) for Denial _____

_____

Signature of Chairman or Secretary of Commission

_____

Date



KHAMPHAN PHONGSA
SUKPASEU PHONGSA
15 WOLF DEN DR
POMFRET CENTER, CT 06259

08-14

742
51-7699/2111
104

9-8-
Date

CHECK ARMOR FRAUD PROTECTION

PAY to the order of Town of PUTNam $ 100.00

One Hundred Dollars

Photo Safe Deposit® Details on back

CHARTER OAK credit union

Charter Oak Federal Credit Union
1055 Hartford Turnpike
Waterford, CT 06385

For 603

Harland Clarke

COLONIAL CLASSIC®

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

2. 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

3. Applicant must provide an approximate estimate of the number of acres that are affected by said proposal dealing 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
	Over Five (5) acres	$300.00
	Per linear foot of wetlands additional	$0.50

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

Property Card: 601 SCHOOL ST

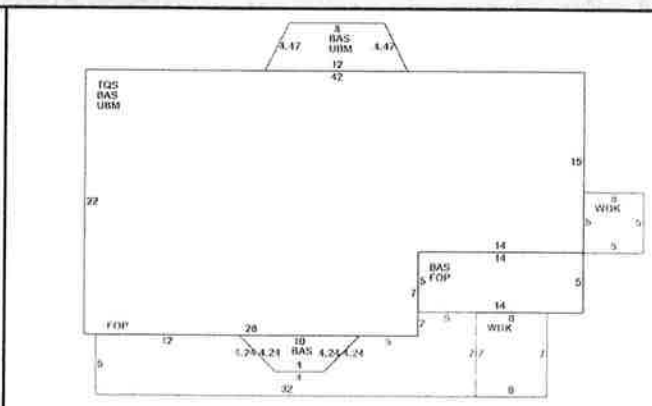
Town of Putnam, CT

Parcel Information	
Parcel ID: 026-059-000	**Map:** 026
Vision ID: 2486	**Lot:** -059
Owner: PHONGSA KHAMPHANH & SUKPASEUTH	**Land Area in Acres:** 0.55
Co-Owner:	**Use Description:** 2-Family
Mailing Address: 15 WOLF DEN DR	**Zone:** HC
POMFRET CTR, CT 06259	**Neighborhood Code:** 0035

Sale History	Assessed Value
Book/Page: 0771/ 0045	**Land:** $24,500
Sale Date: 12/31/2015	**Buildings:** $58,300
Sale Price: $40,500	**Extra Bldg Features:** $0
	Outbuildings: $0
	Total: $82,800

Building Details: Building # 1





Exterior Details	Building Interior
Building Type: Multi Family	**Living Area:** 1659
Appr. Year Built:	**No. Total Rooms:** 10
Occupancy: 2	**No. Bedroms:** 6
Stories: 1.75	**No. Full Baths:** 2
Roof Cover: Asphalt	**No. Half Baths:** 0
Roof Type: Gambrel	**Bath Style:** Average
Ext Wall Desc 1: Vinyl Siding	**Kitchen Style:** Average
Ext Wall Desc 2:	**Wall Type 1:** Plastered
	Wall Type 2: Drywall/Sheet
	Heat Type: Hot Air-no Duc
	Heat Fuel: Oil
	A/C Type: None

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Property Location 601 SCHOOL ST | Map ID 026/ / 059/ 000/ | Bldg Name | State Use 1-12
Vision ID 2486 | Account # 000475 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 1 | Print Date 8/24/2022 12:13:14 A

CONSTRUCTION DETAIL

Element	Cd	Description
Style:	11	Multi Family
Model	03	Multi-Family
Grade:	11	C
Stories:	1.75	1 3/4 Stories
Occupancy	2	
Exterior Wall 1	25	Vinyl Siding
Exterior Wall 2		
Roof Structure:	07	Gambrel
Roof Cover	03	Asphalt
Interior Wall 1	03	Plastered
Interior Wall 2	05	Drywall/Sheet
Interior Flr 1	12	Hardwood
Interior Flr 2		
Heat Fuel	02	Oil
Heat Type:	03	Hot Air-no Duc
AC Type:	01	None
Total Bedrooms	06	6 Bedrooms
Total Bthrms:	2	
Total Half Baths	0	
Total Xtra Fixtrs	1	
Total Rooms:	10	
Bath Style:	02	Average
Kitchen Style:	02	Average

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd	Description

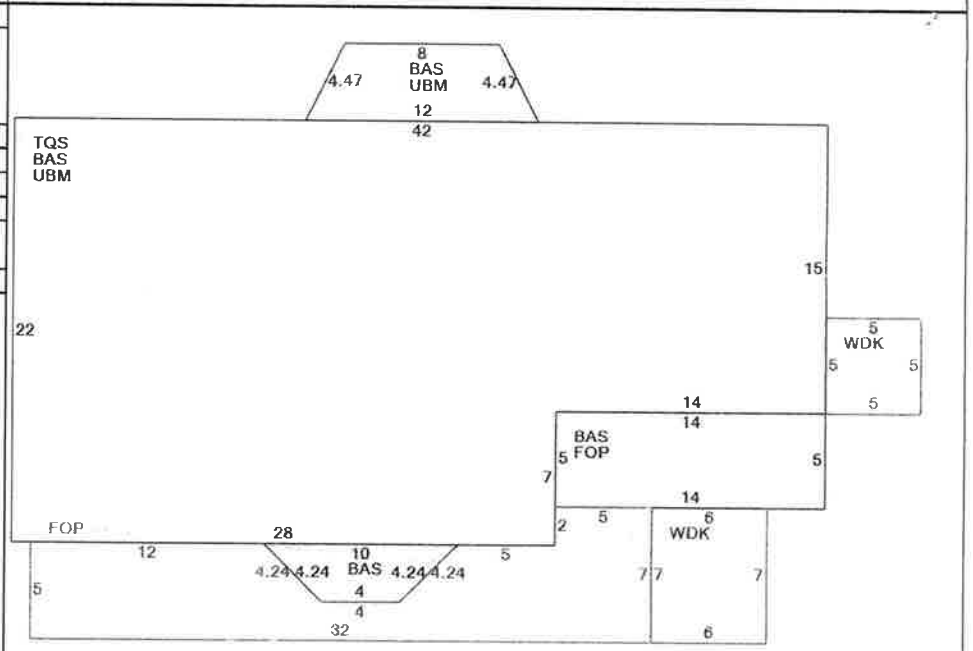
CONDO DATA

Parcel Id		C		Owne	
			B		S

Adjust Type	Code	Description	Factor%
Condo Flr			
Condo Unit			

COST / MARKET VALUATION

Building Value New	166,679
Year Built	1900
Effective Year Built	
Depreciation Code	F
Remodel Rating	
Year Remodeled	
Depreciation %	50
Functional Obsol	
External Obsol	
Trend Factor	1
Condition	
Condition %	
Percent Good	50
RCNLD	83,300
Dep % Ovr	
Dep Ovr Comment	
Misc Imp Ovr	
Misc Imp Ovr Comment	
Cost to Cure Ovr	
Cost to Cure Ovr Comment	

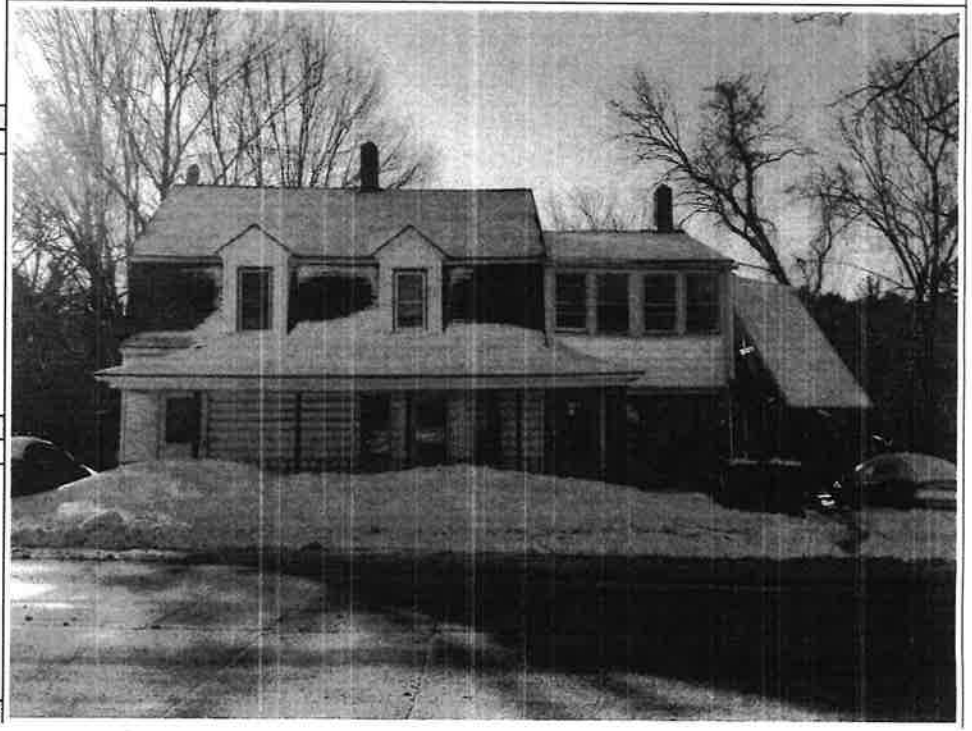


OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)

Code	Description	L/B	Units	Unit Price	Yr Blt	Cond. Cd	% Gd	Grade	Grade Adj.	Appr. Value

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value
BAS	First Floor	957	957		78.51	75,134
FOP	Open Porch	0	219		19.72	4,318
TQS	Three Quarter Story	702	826		62.83	51,895
UBM	Basement, Unfinished	0	866		15.68	13,582
WDK	Deck, Wood	0	67		8.20	550
	Ttl Gross Liv / Lease Area	1,659	2,935			145,479



Property Card: 603 SCHOOL ST

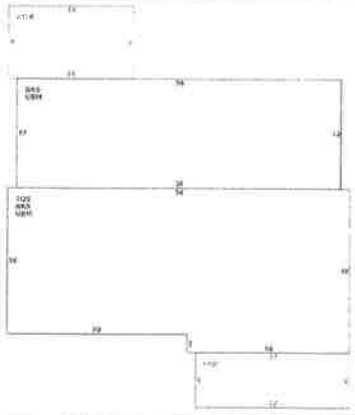
Town of Putnam, CT

Parcel Information	
Parcel ID: 026-056-000	**Map:** 026
Vision ID: 2488	**Lot:** -056
Owner: PHONGSA KHAMPHANH & SUKPASEUTH	**Land Area in Acres:** 0.29
Co-Owner:	**Use Description:** 2-Family
Mailing Address: 15 WOLF DEN DRIVE	**Zone:** HC
POMFRET, CT 06259	**Neighborhood Code:** 0035

Sale History	Assessed Value
Book/Page: 834/ 1100	**Land:** $19,900
Sale Date: 9/28/2020	**Buildings:** $69,900
Sale Price: $119,500	**Extra Bldg Features:** $0
	Outbuildings: $0
	Total: $89,800

Building Details: Building # 1





Exterior Details	Building Interior
Building Type: Multi Family	**Living Area:** 1623
Appr. Year Built:	**No. Total Rooms:** 6
Occupancy: 2	**No. Bedroms:** 3
Stories: 2	**No. Full Baths:** 2
Roof Cover: Asphalt	**No. Half Baths:** 0
Roof Type: Gable/Hip	**Bath Style:** Average
Ext Wall Desc 1: Vinyl Siding	**Kitchen Style:** Average
Ext Wall Desc 2: Pre-Fab Wood	**Wall Type 1:** Drywall/Sheet
	Wall Type 2:
	Heat Type: Hot Water
	Heat Fuel: Oil
	A/C Type: None

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Property Location 603 SCHOOL ST | Map ID 026/ / 056/ 000/ | Bldg Name | State Use 1-1
Vision ID 2488 | Account # 002289 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 1 | Print Date 8/24/2022 12:13:31 A

CURRENT OWNER

PHONGSA KHAMPHANH & SUKPASE

15 WOLF DEN DRIVE

POMFRET CT 06259

TOPO	UTILITIES	STRT / ROAD	LOCATION
1 Level	1 All Public	1 Paved	3 Rural

SUPPLEMENTAL DATA

Alt Prcl ID	104/035-00	L.O.	
Survey		I/E	
Traffic	HEAVY	NBHD Gro	3
Census	9031	NHBD	Town
District	2	Unsold Co	
Class	2-Family		
GIS ID	026-056	Assoc Pid#	

CURRENT ASSESSMENT

Description	Code	Appraised	Assessed
RES.	100	99,800	69,900
RES.	100	28,500	19,900
Total		128,300	89,800

6116

PUTNAM, CT

VISION

RECORD OF OWNERSHIP

RECORD OF OWNERSHIP	BK-VOL/PAGE		SALE DATE	Q/U	V/I	SALE PRICE	VC
PHONGSA KHAMPHANH & SUKPASEUTH	834	1100	09-28-2020	Q	I	119,500	00
MIGNEAULT DANNY W	0707	0106	11-30-2012	U	I	90,000	01
PAQUIN PAUL R	0172	0273	06-17-1988	U		75,000	

PREVIOUS ASSESSMENTS (HISTORY)

Year	Code	Assessed	Year	Code	Assessed V	Year	Code	Assessed
2021	100	69,900	2020	100	69,900	2019	100	87,200
	100	19,900		100	19,900		100	20,000
	Total	89800		Total	89800		Total	107200

EXEMPTIONS

Year	Code	Description	Amount
		Total	0.00

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm Int

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD

Nbhd	Nbhd Name	B	Tracing	Batch
0001			2014	DM2

NOTES

GRAY
WOB
GAS + OIL HOOKUP
2020 CORR CLERICAL ERROR SB TWO FAMILY

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	99,800
Appraised Xf (B) Value (Bldg)	0
Appraised Ob (B) Value (Bldg)	0
Appraised Land Value (Bldg)	28,500
Special Land Value	0
Total Appraised Parcel Value	128,300
Valuation Method	C
Total Appraised Parcel Value	128,300

BUILDING PERMIT RECORD

Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments

VISIT / CHANGE HISTORY

Date	Id	Type	Is	Cd	Purpost/Result
07-17-2013	JS			02	2nd List Attempt
07-09-2013	JS			12	Measure & List Attempt-No
04-25-2008	MM			07	Meas. - Int Info @ Door
02-07-2008	AD			12	Measure & List Attempt-No
02-17-1999	BF				

LAND LINE VALUATION SECTION

B	Use Code	Description	Zone	LA	Land Type	Land Units		Unit Price	Size Adj	Site Index	Cond.	Nbhd.	Nbhd. Adj	Notes	Location Adjustmen	Adj Unit P	Land Value
1	1-12	2-Family	HC			0.290	AC	42,000	2.45894	5	1.00	0035	0.950		0.9983	98,112	28,500

Total Card Land Units | 0.290 | AC | Parcel Total Land Area | 0.2900 | Total Land Value | 28,500

Putnam, CT

1 inch = 70 Feet

0 70 140 210

September 8, 2022

CAI Technologies
Precision Mapping Geospatial Solutions

www.cai-tech.com



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Putnam, CT

1 inch = 70 Feet

0 70 140 210

September 8, 2022

CAI Technologies

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TOWN OF PUTNAM

MUNICIPAL COMPLEX
TOWN HALL
200 SCHOOL STREET • PUTNAM, CT 06260

Inland Wetlands and Watercourses Commission
Town of Putnam, Connecticut

NOTICE OF WETLANDS VIOLATION

DATE: September 9, 2022
ISSUED TO: Khamphanh & Sukpaseuth Phongsa

PROPERTY OWNER OF RECORD: Khamphanh & Sukpaseuth Phongsa
15 Wolf Den Dr. Pomfret, CT 06259

LOCATION OF VIOLATION: 601 & 603 School St. Putnam, CT 06260
(Assessor's Parcel ID 026//059/000 & 026//056/000)

Specific violations: Excavation in preparation for the creation of a commercial parking areas, Fill and debris have been pushed into the wetlands, tree clearing. All work conducted without a permit.

Regulation violated: Section 4.3 of the Putnam Inland Wetlands and Watercourses Regulations regarding filling, excavating, dredging, clear-cutting, clearing, grading and other alterations within wetlands, watercourses or within the 100-foot upland review area.

Required actions: By September 19, 2022, you must contact the Inland Wetlands Agent to discuss your intent concerning this Matter.

STOP WORK All work shall stop and no further activity is to take place on the referenced property until the required permitting has been issued.

A proposed commercial parking lot will require: an application to the Inland Wetland and Watercourses Commission, An engineers site design plan showing both existing & proposed conditions, wetlands flagged by a certified soil scientist, and stormwater management.

Failure to carry out the required action(s) identified in this Notice of Violation may result in issuance of the order provided in Section 14 of the Regulations or other enforcement proceedings and penalties as provided by law.

Authority: Connecticut General Statutes, Section 22a-44
Putnam Inland Wetlands and Watercourses Regulations, Section 14

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

Via: email to, khamphanh200@live.com
Certified mailing: 7015 1520 0000 7163 4156