



**TOWN OF KILLINGLY  
INLAND WETLANDS AND WATERCOURSES COMMISSION**

**Monday, August 3, 2020**

**Regular Meeting  
7:00 PM**

**AGENDA**

Public can view this meeting on Facebook Live.

Go to [www.killinglyct.gov](http://www.killinglyct.gov) and click on Facebook Live at the bottom of the page.

*Wetlands Commission*  
2020 JUL 31 AM 10:18  
TOWN OF KILLINGLY, CT

- I. **CALL TO ORDER**
- II. **ROLL CALL**
- III. **ADOPTION OF MINUTES – (Review/Discussion/Action)**
  - A. July 7, 2020 Regular Meeting Minutes
- IV. **CITIZENS’ PARTICIPATION** – Pursuant to Governor’s Executive Order 7B, all public comment can be emailed to [publiccomment@killinglyct.gov](mailto:publiccomment@killinglyct.gov) or mailed to Town of Killingly, 172 Main Street, Killingly, CT 06239 on or before the meeting. All public comment received prior to the meeting will be posted on the Town’s website [www.killinglyct.gov](http://www.killinglyct.gov).
- V. **Unfinished Business: – (Review/Discussion/Action)**
  - A. **Application 20-1482 of Patriot Homes LLC** for a 30 lot subdivision; with associated, grading, drainage, utilities; new roadway and stormwater basin within the 200’ upland review area; Located at 215 Hartford Pike; GIS Map 108; Lot 4; 20.761 acres; Low Density Zone.
- VI. **New Business: (listed in order of receipt) – (Review/Discussion/Action)**
  - A. **Application 20-1493 of Glen J. Ravenelle** for a retaining wall and landscaping within 200’ upland review area; Located at 260 North Shore; GIS Map 87; Lot 8.001; 0.15 acre; Alexander Lake Overlay Zone.
  - B. **Application 20-1496 of Pasay Development, LLC** for two single family homes on two existing lots; with associated, grading, drainage, utilities within the 200’ upland review area; a common driveway wetlands crossing; Located at 298 Cranberry Bog & 300 Cranberry Bog Road; GIS Maps 192 & 193; Lots 12 & 13; 2.95 & 4.88 acres; Rural Development Zone.
  - C. **Application 20-1497 of David Pepas / Pepas Landscaping** for a vinyl sea wall replacing existing wall at waters edge; Located at 135 South Shore; GIS Map 88; Lot 15.001; 0.09 acre; Alexander Lake Overlay Zone.

**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 next month’s meeting. The Commission may also delegate to its duly authorized agent.**

**VII. Correspondence to the Commission**

- A. Application 20-1498 of Connecticut Water / Milone & MacBroom** for Gallup-Plainfield Interconnection (water line replace/upgrades; along Route 12) and Tree Removal; Located in area of Route 12 and 60 Taos Drive; GIS Map 263; Lot 6; 11.48 acres; Rural Development Zone.

**VIII. Staff Report**

- A. Authorized Agent Approvals**
- B. Monthly Zoning/Wetlands Report**
- C. Other**

**IX. Town Council Liaison**

**X. Adjournment**

**TOWN OF KILLINGLY**  
**INLAND WETLANDS AND WATERCOURSES COMMISSION (IWWC)**  
Killingly Town Hall  
172 Main Street  
Danielson, CT  
**REGULAR MEETING MINUTES**  
Monday, April 6, 2020

This meeting was held in virtual format with connections via live stream and video conferencing.

- I. Call to order: Chairman Sandy Eggers called the meeting to order at 7:00 p.m.
- II. Roll Call: **Present:** Chairman Sandy Eggers, Vice Chairman Rod Galton, Deborah Lamiotte, Beth Dubois, Poger, Fred Ruhlemann & Secretary Corina Torrey. **Absent:** Ronald Dass. **Also Present:** Jonathan Blake, Planner & Zoning Enforcement Officer.

III. Adoption of Minutes:

- a. April 6, 2020 Regular Meeting:

**MOTION #1 (07.06.20):** made by Vice Chairman Galton **SECONDED BY** Mr. Ruhlemann that the Inland Wetlands and Watercourses Commission approve the April 6, 2020 Regular Meeting Minutes as presented  
**VOICE VOTE: UNANIMOUS; MOTION CARRIED**

IV. Citizens' Participation: NONE.

V. Unfinished Business:

- a. **Application #20-1482** Patriot Homes LLC for a 30 lot subdivision; with associated grading, drainage, & utilities, within 200'; new roadway and storm water basin within the 200' upland review area; Located at 215 Hartford Pike; GIS Map 108; Lot 4; 20.761 acres; Low Density Zone

**APPLICANT / PRESENTATION:** Mr. Normand Thibeault, Killingly Engineering Associates, was present via conference/WEBEX. Mr. Thibeault submitted correspondence, dated April 6, 2020, in response to a staff review report written by the Town's Engineer, Mr. David Capacchione, dated February 27, 2020. Additionally, and in-depth drainage plan was submitted by Mr. Thibeault as was previously requested by Town Staff and IWWC.

**MOTION #2 (07.06.20):** made by Mr. Ruhlemann **SECONDED BY** Vice Chairman Galton that the Inland Wetland and Watercourses grant the extension (authorized by Mr. Thibeault) request, tabling Application #20-1482 to the next regularly scheduled meeting.  
**VOICE VOTE: UNANIMOUS; MOTION CARRIED**

VI. New Business:

- a. **Application #20-1490** James & Shella Liewicz for a Jurisdictional Ruling Notification of Timber Harvest; located at 81 Roth Road; GIS Map 11; Lot 1; 98.74 acres; Rural Development Zone.

**TOWN STAFF / ENGINEERING REPORT:** Jonathan Blake indicated this type of activity comes before IWWC for review, comments, and considerations. This type of application is somewhat unique because it is forestry and allowed as an "as-of-right" activity. IWWC does however provide oversight.

**IWWC REVIEW/COMMENTS:** IWWC members reviewed correspondence submitted by Hull Forest Products, dated June 22, 2020, which included a specific description of intent and activities, as well as the Notification of Timber Harvest Form.

**MOTION #3 (07.06.20):** made by Mr. Ruhlemann **SECONDED BY** Vice Chairman Galton that the Inland Wetland and Watercourses recognizes the Jurisdictional Ruling for Application #20-1490, James & Shella Liewicz, as it is an "as-of-right" activity  
**VOICE VOTE: UNANIMOUS; MOTION CARRIED**

- b. **Application #20-1491** Town of Killingly for a Jurisdictional Ruling regarding property maintenance (CGS 22a-40-A-4) Property located at Alexander's Lake Overlay Zoning District.

RECEIVED  
TOWN CLERK, KILLINGLY, CT  
JUL 14 PM 3:31  
Eggers, S. M. 9/14/20

**TOWN STAFF / ENGINEERING REPORT:** Jonathan Blake indicated this type of activity comes before IWWC for review, comments, and considerations. In the past, there were numerous issues related to failing walls in and around the lake. Residents have approached this office regarding proposed projects and others have done the work without permits. Work was done that was not in the best interest of protecting the existing lake, maintaining proper distances, and working within guidelines preferred by the Town. In this new application, there is no intent for new construction or expansion of any area involved as it is only for maintenance of an existing walls.

**IWWC REVIEW/COMMENTS:** IWWC members reviewed information as submitted for this application. There was consensus the applicant speaks with Mr. Blake and comes before the Commission to present details about this application. This activity must be overseen by Town Staff due to its importance. There was consensus the applicant seek a permit for any wall replacement, maintenance. The permit will allow for non-advancement into the lake. There was review of the associated State Statute (CGS 22a-40-A-4).

**MOTION #4 (07.06.20):** made by Mr. Ruhlemann **SECONDED BY** Vice Chairman Galton that the Inland Wetland and Watercourses deny Application #20-1491, Town of Killingly, as the proposed activity of property "maintenance" does not fall under a Jurisdictional Ruling and is not considered an "as-of-right" use  
**VOICE VOTE: UNANIMOUS; MOTION CARRIED**

- c. **Application #20-1492 Dennis Lawlor** for a Jurisdictional Ruling regarding property maintenance (CGS 22a-40-A-4). Property located at 1460 North Road; GIS Map 44; Lot 1; 1.9 acres; Rural Development Zone.

**TOWN STAFF / ENGINEERING REPORT:** Jonathan Blake provided a history of the property and previous actions taken by Town Staff and IWWC.

**IWWC REVIEW/COMMENTS:** There was consensus the application obtain a soil scientist report on this property to determine if wetlands exist prior to any potential maintenance, excavation, etc. on this property. If wetlands exist a permit is necessary. If there are no wetlands no permit is required.

**MOTION #5 (07.06.20):** made by Vice Chairman Galton **SECONDED BY** Ms. Torrey that the Inland Wetland and Watercourses deny Application #20-1492, Dennis Lawlor, without prejudice  
**VOICE VOTE: UNANIMOUS; MOTION CARRIED**

- d. **Application #15-1413 Snake Meadow Club** for a 5-year extension from the October 5, 2015 approval of restoration and permitting of a gravel operation, which expired October 5, 2020 to October 5 2025; Property located at 567 Hubbard Road; GIS Map 255; Lot 10; 12.1 acres; Rural Development Zone.

**IWWC REVIEW/COMMENTS:** IWWC members reviewed correspondence submitted by Mr. David Held, Provost & Rivero, dated April 30, 2020, asking for a 5-year extension. Plans were submitted into the record. Proposed activities are essentially the same as previously proposed. Regulated activities been slightly reduced along the Snake Meadow corridor on the westerly side of the project.

**MOTION #6 (07.06.20):** made by Vice Chairman **SECONDED BY** Corina Torrey that the Inland Wetland and Watercourses approve a (5) five-year extension to October 5, 2025 for Application #15-1413, Snake Meadow Club.  
**VOICE VOTE: UNANIMOUS; MOTION CARRIED**

VII. Correspondence to the Commission:

VIII. Staff Report

- a. Authorized Agent Approval: N/A
- b. Monthly Zoning/Wetland Report: N/A
- c. Appointment of Authorized Agent: With this appointment the Town of Killingly now has three members of staff that can act as the Wetlands Agent:

**MOTION #7 (07.06.20):** made by Corina Torrey **SECONDED BY** Ms. Dubofsky-Porter that the Inland Wetland and Watercourses Commission recognize the new Authorized Agents:

1. Ann Marie Aubrey – Director of Planning & Development
2. Jonathan Blake - Zoning Enforcement Officer / Planner 1
3. Marina Capraro – Natural Resources Officer / Planning Assistant

**VOICE VOTE: UNANIMOUS; MOTION CARRIED**



IX. Town Council Liaison: N/A

X. Adjournment

**MOTION #8 (07.06.20):** made by Mr. Galton **SECONDED BY** Mr. Ruhlemann that the Inland Wetland and Watercourses Commission adjourn at 7:52 p.m.

**VOICE VOTE: UNANIMOUS;**

**MOTION CARRIED**

Respectfully submitted, *Sherry Pollard,*  
IWWC Recording Secretary



# Killingly Engineering Associates

## Civil Engineering & Surveying

P.O. Box 421 Killingly, CT 06241  
Phone: 860-779-7299  
www.killinglyengineering.com



April 6, 2020

Mr. David Capaccione, P.E.  
Town of Killingly Department of Engineering  
Killingly Town Hall  
172 Main Street  
Killingly, CT 06239

**RE: Proposed 30-Lot Subdivision  
Hartford Pike (Route 101)**

Dear Mr. Capaccione;

In response to your review comment on the aforementioned project Dated February 27, 2020, we offer the following:

1. Pre and post development drainage computations are enclosed herein for your review;
2. The existing CL&P Easement is contiguous to the previously approved development at the end of Cardinal Drive. For that project, CL&P required a 10' separation from all structures from that easement which we have maintained for this project.
3. The initial review of the project by CTDOT did not take issue with the 5% grade proposed for the site entrance. We respectfully request that the Town of Killingly consider the same;
4. The sidewalk detail has been modified accordingly to show a broom finish;
5. Traffic signs and pavement markings have been added at the site entrance per CTDOT review and locations of speed limit signs have been shown on the plans;
6. Plans have been submitted to the fire marshal for review as requested;
7. Grading has been modified at the site entrance to alleviate some of the excessive grading shown previously. In general, slopes do not begin until approximately 15' off the traveled way.
8. Gravel maintenance access has been shown to the stormwater basin.
9. We concur that the construction access and permanent roadway entrance will require CTDOT approval. We have submitted plans to the CTDOT and received review comments which we have addressed and resubmitted to the CTDOT;
10. Air testing of sewer lines shall be conducted as required and it is noted on the cover sheet of the plans;
11. We concur that bonding for the project will be required and a bond estimate for public improvements and E&S controls is included with this submission. We note on the cover sheet that no work shall commence until the bond has been posted;
12. We acknowledge that all materials shall be approved prior to installation and that sieve, proctor and compaction testing will be required. This is noted on the cover sheet of the plans;
13. The requirement of a \$700.00 connection fee for each sanitary sewer connection has been noted on the cover sheet of the plans;
14. As required, the sewer department will be contacted prior to any proposed sanitary sewer connections. We acknowledge that any connections made and backfilled may be required to be re-exposed for Town inspection;
15. Pedestrian safety is addressed by installation of sidewalks. The project proposes to complete construction of the roadway prior to constructing any homes which will alleviate potential pedestrian conflicts;

16. A registration under the CTDEEP General Permit for the Discharge of Stormwater Associated with Construction Activities will be completed and submitted to CTDEEP upon receipt local approvals and 90 days prior to construction;
17. CTDOT has reviewed the plans and forwarded comments. Killingly Engineering addressed those comments and resubmitted plans back to the CTDOT for final approval;
18. We have enclosed a spec sheet for the typical residential grinder pump that could be utilized for this application. The final selection will be determined by the contractor or distributor;
19. It is our understanding that the long-term maintenance of the low-pressure sanitary sewer system is not something that the Town of Killingly is interested in assuming. We will propose to create a homeowner's association to maintain the system;
20. The force main is installed with backflow prevention at each connection point. It is highly unlikely that there would be simultaneous failure at multiple points to the extent where sewerage would drain back to the manhole;
21. The sediment forebay of the basin is in an area comprised of sand and gravel and will remain dry. The second bay of the basin is anticipated to have approximately 1' of water in it seasonally as it will be excavated 1' below the adjacent wetland level. Test hole results excavated in the area have been added to the plans.
22. Detail sheet has been modified to show a single type of silt fence;
23. The inclusion of a hydrant on the previous plans was erroneous and it has been removed from the plans;
24. Each house will have an individual drilled well and there is no need for a water connection detail as shown previously. It has been removed from the plans;
25. It is noted that underdrains may need to be installed if groundwater is encountered during construction;
26. As-build drawings will be provided in hard copy and AutoCAD upon completion of the project;
27. The pipe schedule sheet has been completed;
28. Riprap Swales can be re-evaluated. We would like to discuss options with the Town at their convenience.
29. Double catch basins are proposed at each side of the road at the site entrance. We do not anticipate significant water entering Route 101 and the CTDOT did not express any concerns.

We trust that the plans as modified address the February 27<sup>th</sup> review comments. Please feel free to contact us if there are any further questions or concerns.

Sincerely;

*Normand Thibeault, Jr*

Normand Thibeault, Jr., P.E.

# PROPOSED 30 LOT CONSERVATION SUBDIVISION

HARTFORD PIKE (ROUTE 101)  
KILLINGLY, CONNECTICUT

PREPARED FOR:  
**PATRIOT HOMES, LLC**

TOTAL AREA OF PARCEL TO BE SUBDIVIDED = 20.731 ACRES  
MINIMUM OPEN SPACE REQUIREMENT = 30% = 6.22 ACRES  
GREEN SPACE PROPOSED = 5.519 ACRES  
TOTAL OPEN SPACE PROPOSED = 11.748 ACRES  
TOTAL OPEN SPACE REQUIRED = 11.465 ACRES  
AREA OF SLOPES >20% IN OPEN SPACE PARCEL = 2.4 ACRES  
OPEN SPACE WITH SLOPES <20% = 9.095 ACRES

- LEGEND**
- IRON PIN TO BE SET
  - IRON PIN FOUND
  - DRILL HOLE FOUND
  - CONCRETE FOUND TO BE SET
  - CONCRETE FOUND TO BE SET
  - WATER CURE
  - EXISTING CATCH BASIN
  - PROPOSED CATCH BASIN
  - EXISTING SANITARY SEWER MANHOLE
  - PROPOSED SANITARY SEWER MANHOLE
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED UNDERGROUND UTILITIES
  - PROPOSED OVERHEAD WIRES
  - PROPOSED STONE WALL REMAINS
  - SILT FENCE

- GENERAL NOTES:**
1. AIR TESTING OF SANITARY SEWER LINES SHALL BE REQUIRED.
  2. NO CONSTRUCTION SHALL COMMENCE UNTIL CONTRACTOR/OWNER HAS PROVIDED BONDING IN ACCORDANCE WITH TOWN APPROVALS.
  3. ALL WORK SHALL BE COMPLETED PRIOR TO INSTALLATION, SITE, PROCTOR AND COMPACTION TESTING OF ALL SOILS AND FIRMAMENT USED DURING CONSTRUCTION WILL BE REQUIRED PRIOR TO APPROVAL.
  4. THE TOWN OF KILLINGLY CURRENTLY REQUIRES A FEE OF \$700.00 PER UNIT FOR SANITARY CONNECTIONS. THE TOWN OF KILLINGLY SENIOR DEPARTMENT SHALL BE CONTACTED PRIOR TO ANY CONNECTIONS. ANY CONNECTIONS NOT WITNESSED AND BACKFILLED MAY BE REQUIRED TO BE DISCOVERED FOR INSPECTION.
  5. THE TOWN OF KILLINGLY CURRENTLY REQUIRES A FEE OF \$700.00 PER UNIT FOR DISCHARGE OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES.

APPROVED BY THE TOWN OF  
KILLINGLY INLAND WETLANDS COMMISSION

DATE: \_\_\_\_\_

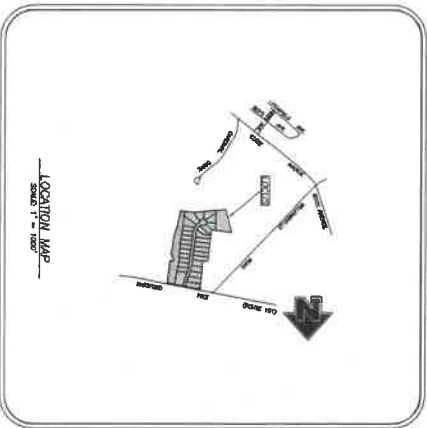
Signature: \_\_\_\_\_

Subdivision Plan No. \_\_\_\_\_

APPROVED BY THE TOWN OF  
KILLINGLY PLANNING AND ZONING COMMISSION

DATE: \_\_\_\_\_

Signature: \_\_\_\_\_



**INDEX TO DRAWINGS**

TITLE	SHEET No.
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PREPARED BY:

**Killingly Engineering Associates**  
Civil Engineering & Surveying

114 Williams Road  
Killingly, CT 06241  
www.killinglyengineering.com

DATE	REVISIONS
4/1/2020	FINAL PLAN REVIEW FOR SUBMISSION

January 2020

DESIGNED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

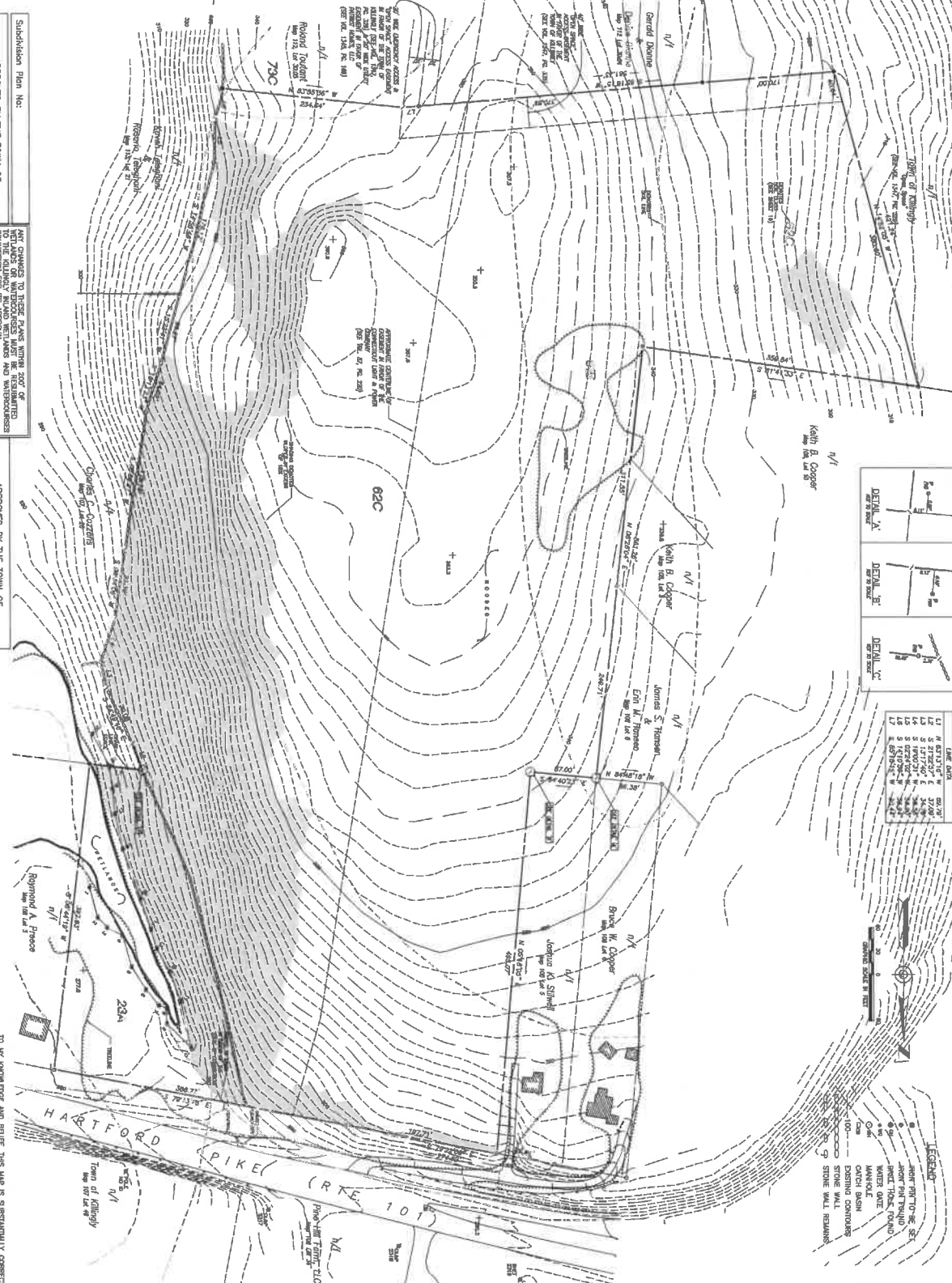
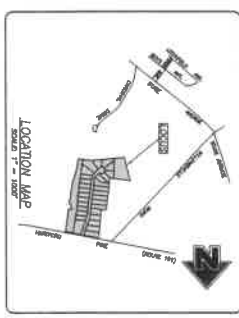
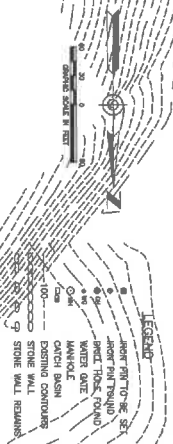


Table with 2 columns: LINE DATA and BEARING. It lists various line segments with their bearings and distances.



Subdivision Plan No. APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION CHAIRMAN DATE

APPROVED BY THE TOWN OF KILLBUCK INLAND WETLANDS COMMISSION CHAIRMAN DATE

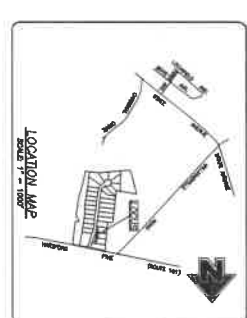
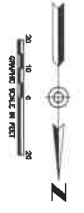
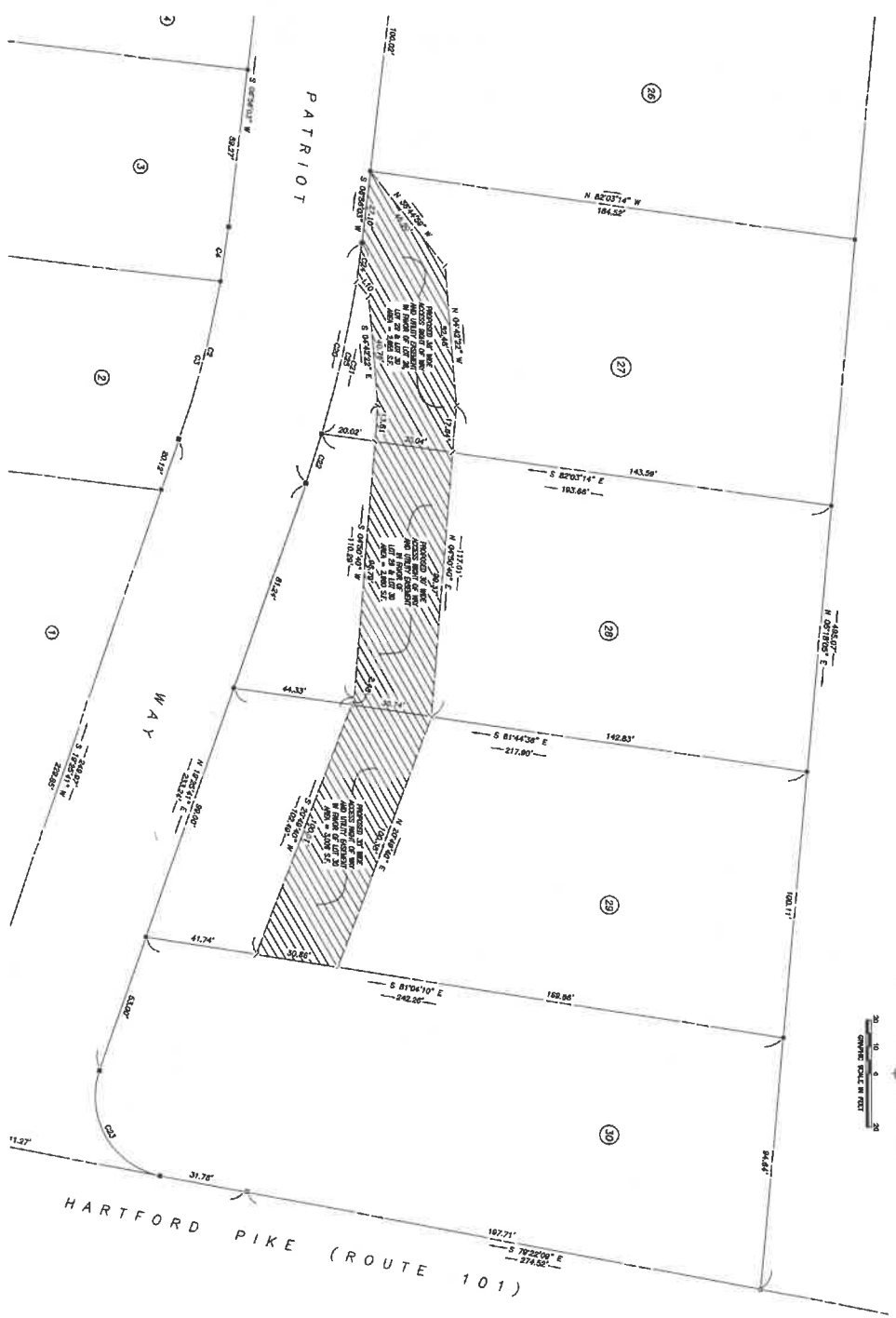
6769 A. QUADRE, L.S. LIC. NO. 70191 DATE NO CORRECTION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE LAND SURVEYOR.

PROPERTY SURVEY SHOWING EXISTING CONDITIONS PREPARED FOR PATRIOT HOMES, LLC HARTFORD PIKE (ROUTE 101) KILLBUCK, CONNECTICUT Killbuck Engineering Associates Civil Engineering & Surveying 147 West Main Street Killbuck, CT 06032-3258 (860) 575-5988

Table with 3 columns: DATE, DESCRIPTION, and REVISIONS. It lists various survey dates and descriptions of the work performed.

- 1. The survey was done... 2. Zone = UTM... 3. Subdivision Map... 4. Found in error... 5. Drawings done... 6. Property line... 7. The survey was done... 8. The survey was done... 9. The survey was done... 10. The survey was done...





LINE DATA  
 L10 S 88°44'30" E 737'

CD	BEARING	DISTANCE	CD	BEARING	DISTANCE
C1 (Twpd)	N 02°02'52" W	100.00'	C4	S 79°22'00" E	167.21'
R = 378.60'			R = 378.60'		
L = 61.00'			L = 61.00'		
C2 (Twpd)	N 82°03'14" W	164.53'	C5	S 82°03'14" E	163.66'
R = 378.60'			R = 378.60'		
L = 61.00'			L = 61.00'		
C3 (Twpd)	N 02°02'52" W	100.00'	C6	S 81°44'30" E	217.00'
R = 378.60'			R = 378.60'		
L = 61.00'			L = 61.00'		
C7 (Twpd)	N 82°03'14" W	164.53'	C8	S 79°22'00" E	167.21'
R = 378.60'			R = 378.60'		
L = 61.00'			L = 61.00'		
C9 (Twpd)	N 02°02'52" W	100.00'	C10	S 81°44'30" E	217.00'
R = 378.60'			R = 378.60'		
L = 61.00'			L = 61.00'		

NOTES:  
 1. This survey has been prepared pursuant to the Regulations of the State Surveyors Commission, Chapter 120-200-01, Section 120-200-01-02, as amended, and the Connecticut Regulation of Land Surveyors, No. 1899.  
 2. Owner of record: 189° 10' 18" E 215' 0" S 112° 20' 00" W 48.00'

Subdivision Plan No: \_\_\_\_\_  
 APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
 CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_

THE APPLICANT WILL CONVEY THE KILLBUCK INLAND WETLANDS TO THE TOWN OF KILLBUCK FOR THE PURPOSES OF CONSTRUCTION OF THE PROJECT.  
 APPROVED BY THE TOWN OF KILLBUCK INLAND WETLANDS COMMISSION  
 CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_

LEGEND  
 ● IRON PIN TO BE SET  
 ○ IRON PIN FOUND

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREBY.  
 GREG A. BLAKE, L.S. L.C. NO. 70191 DATE \_\_\_\_\_

**EASEMENT MAP**  
 PREPARED FOR  
**PATRIOT HOMES, LLC**  
 HARTFORD PIKE (ROUTE 101)  
 KILLBUCK, CONNECTICUT

**Killingly Engineering Associates**  
 Chief Engineer & Surveyor  
 111 South Main Street  
 Killingly, CT 06257  
 Phone: (860) 339-1111  
 Fax: (860) 339-1112

DATE	1/15/2020	SCALE	AS SHOWN
BY	G.A. Blake	DATE	1/15/2020
CHECKED	G.A. Blake	DATE	1/15/2020
DATE	1/15/2020	SCALE	AS SHOWN
BY	G.A. Blake	DATE	1/15/2020
CHECKED	G.A. Blake	DATE	1/15/2020



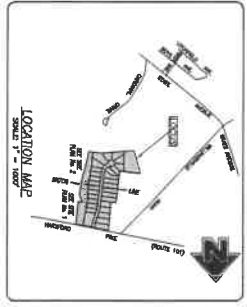
SEE SITE DEVELOPMENT PLAN NO. 2



Subdivision Plan No: \_\_\_\_\_  
 APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
 CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_  
 I HEREBY CERTIFY THAT THIS PLAN COMES WITHIN THE PROVISIONS OF THE ZONING REGULATIONS OF THE TOWN OF KILLBUCK AND THAT THE PROPOSED DEVELOPMENT IS IN ACCORDANCE WITH THE ZONING REGULATIONS OF THE TOWN OF KILLBUCK.

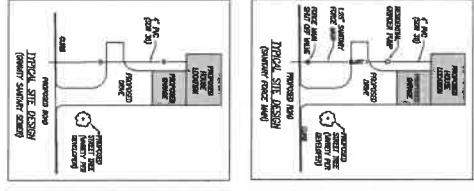
APPROVED BY THE TOWN OF KILLBUCK INLAND WETLANDS COMMISSION  
 CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_  
 I HEREBY CERTIFY THAT THIS PLAN COMES WITHIN THE PROVISIONS OF THE ZONING REGULATIONS OF THE TOWN OF KILLBUCK AND THAT THE PROPOSED DEVELOPMENT IS IN ACCORDANCE WITH THE ZONING REGULATIONS OF THE TOWN OF KILLBUCK.

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



FOR ALL STORM DRAINAGE AND SANITARY SEWER STRUCTURE SCHEDULES SEE SHEET 8.

CD (Trench)	CD (Trench)	CD (Trench)	CD (Trench)	CD (Trench)	CD (Trench)
C0 1.20x0.75	C1 2.25x1.50	C2 3.25x2.25	C3 4.25x3.00	C4 5.25x4.00	C5 6.25x5.00
L = 45.00'	L = 60.00'	L = 75.00'	L = 90.00'	L = 105.00'	L = 120.00'
C6 7.25x6.00	C7 8.25x7.00	C8 9.25x8.00	C9 10.25x9.00	C10 11.25x10.00	C11 12.25x11.00
L = 135.00'	L = 150.00'	L = 165.00'	L = 180.00'	L = 195.00'	L = 210.00'
C12 13.25x12.00	C13 14.25x13.00	C14 15.25x14.00	C15 16.25x15.00	C16 17.25x16.00	C17 18.25x17.00
L = 225.00'	L = 240.00'	L = 255.00'	L = 270.00'	L = 285.00'	L = 300.00'
C18 19.25x18.00	C19 20.25x19.00	C20 21.25x20.00	C21 22.25x21.00	C22 23.25x22.00	C23 24.25x23.00
L = 315.00'	L = 330.00'	L = 345.00'	L = 360.00'	L = 375.00'	L = 390.00'
C24 25.25x24.00	C25 26.25x25.00	C26 27.25x26.00	C27 28.25x27.00	C28 29.25x28.00	C29 30.25x29.00
L = 405.00'	L = 420.00'	L = 435.00'	L = 450.00'	L = 465.00'	L = 480.00'



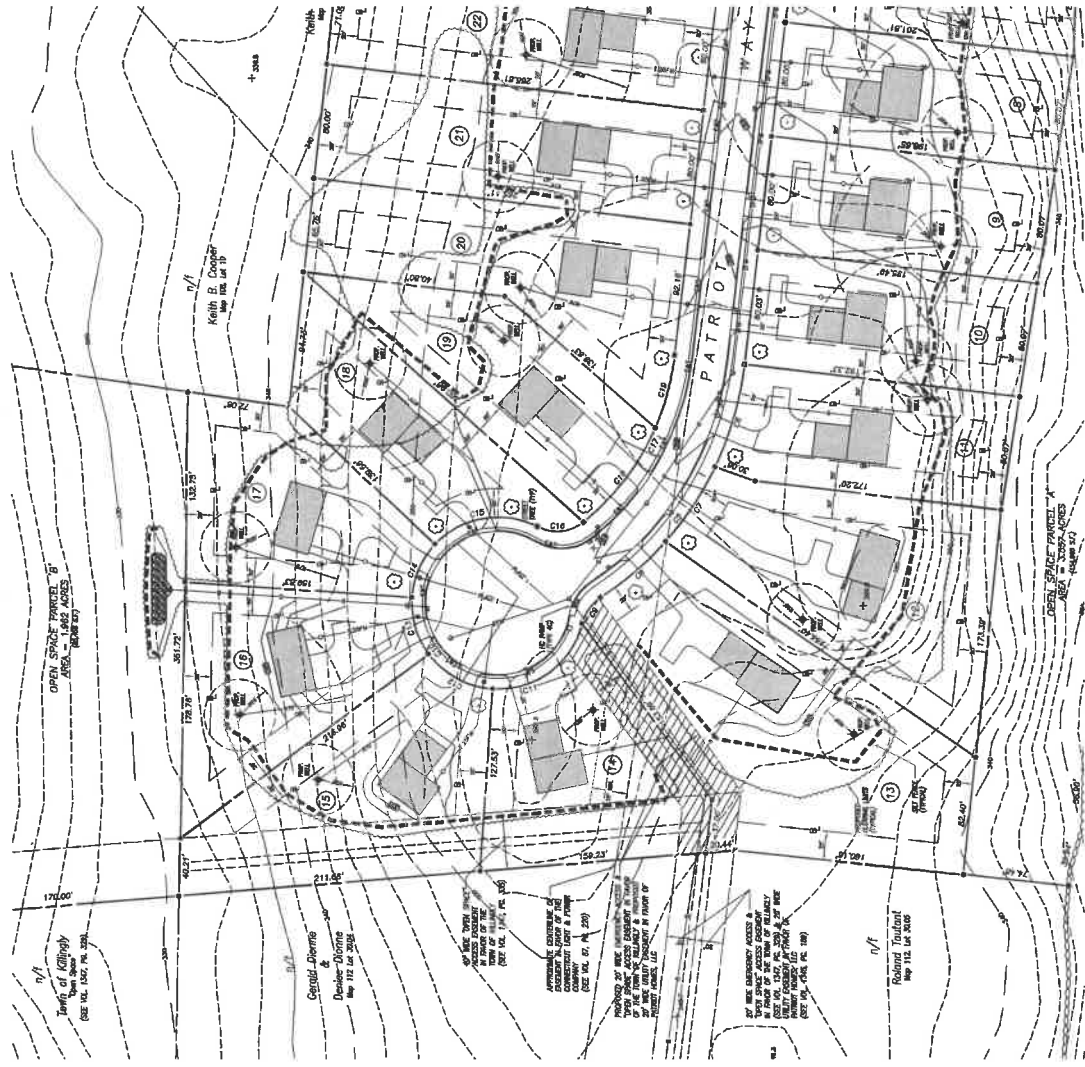
LEGEND

- ROOM PIN TO BE SET
- ROOM PIN FOUND
- UTILITY LINE
- UTILITY LINE TO BE SET
- UTILITY LINE FOUND
- EXISTING DRIVE BASIN
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED DRIVE BASIN
- PROPOSED UNDERGROUND UTILITIES
- PROPOSED SIDEWALK REMAINS
- SIT FENCE

SITE DEVELOPMENT PLAN NO. 1  
 PREPARED FOR  
**PATRIOT HOMES, LLC**  
 HARTFORD HX ROUTE 101  
 KILLBUCK, CONNECTICUT

**Killingly Engineering Associates**  
 Civil Engineering & Surveying  
 141 South Main Street  
 Killingly, CT 06252  
 Phone: (860) 752-2929  
 Fax: (860) 752-2928

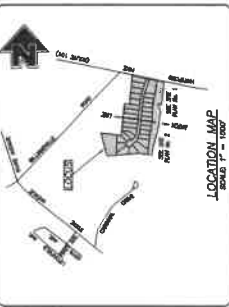
DATE: 1/13/2020  
 SHEET: 5 OF 14  
 DRAWN: AMB  
 CHECKED: EJC  
 DATE: 1/13/2020  
 DATE: 1/13/2020  
 DATE: 1/13/2020



SEE SITE DEVELOPMENT PLAN NO. 1

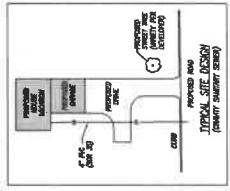
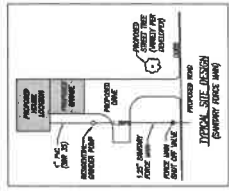
DATE DATA

C1	30.00'	L = 42.00'	C2	375.00'	L = 81.77'	C3	75.00'	L = 182.24'	C4	30.00'	L = 42.00'
C5	60.00'	L = 82.28'	C6	30.00'	L = 42.00'	C7	30.00'	L = 42.00'	C8	60.00'	L = 82.28'
C9	30.00'	L = 42.00'	C10	30.00'	L = 42.00'	C11	30.00'	L = 42.00'	C12	30.00'	L = 42.00'
C13	30.00'	L = 42.00'	C14	30.00'	L = 42.00'	C15	30.00'	L = 42.00'	C16	30.00'	L = 42.00'
C17	30.00'	L = 42.00'	C18	30.00'	L = 42.00'	C19	30.00'	L = 42.00'	C20	30.00'	L = 42.00'
C21	30.00'	L = 42.00'	C22	30.00'	L = 42.00'	C23	30.00'	L = 42.00'	C24	30.00'	L = 42.00'



FOR ALL STORM DRAINAGE AND SANITARY SEWER STRUCTURE SCHEDULES SEE SHEET 8.

- LEGEND
- IRON PIN TO BE SET
  - IRON PIN FOUND
  - CONCRETE MONUMENT TO BE SET
  - WATER CATCH BASIN
  - PROPOSED CATCH BASIN
  - EXISTING SANITARY SEWER MANHOLE
  - PROPOSED SANITARY SEWER MANHOLE
  - BUILDING SETBACK LINE
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED UNDERGROUND UTILITIES
  - PROPOSED OVERHEAD WIRES
  - STONE WALL REMAINS
  - CONCRETE WALL REMAINS
  - SILT FENCE



NO.	DATE	DESCRIPTION	REVISIONS
001	07/15/2020	ISSUED FOR PERMIT	
002	07/15/2020	REVISED PER COMMENTS	
003	07/15/2020	REVISED PER COMMENTS	

SITE DEVELOPMENT PLAN NO. 2  
 PREPARED FOR  
**PATRIOT HOMES, LLC**  
 HARTFORD FIRE (ROUTE 10)  
 KILLINGLY, CONNECTICUT

**Killingly Engineering & Surveying**  
 Civil Engineering & Surveying  
 117 N. Main St.  
 Killingly, CT 06257  
 (860) 733-0200  
 www.killinglyeng.com

DATE: 07/15/2020  
 SHEET: 1 OF 47  
 SCALE: 1" = 40'  
 DRAWN BY: JRM  
 CHECKED BY: JRM  
 DATE: 07/15/2020  
 JOB NO.: 1830

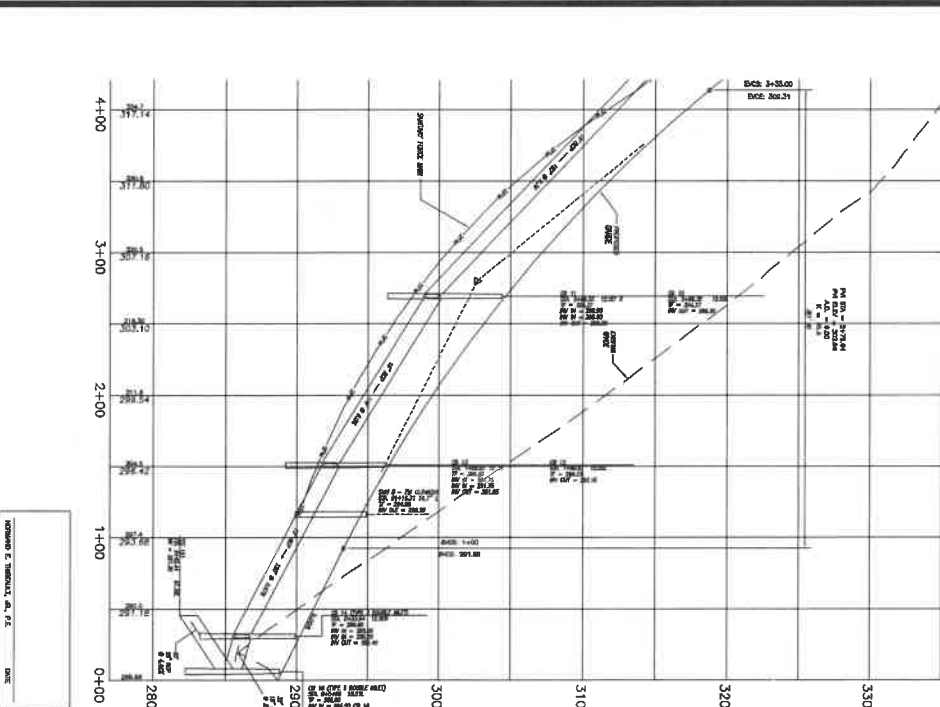
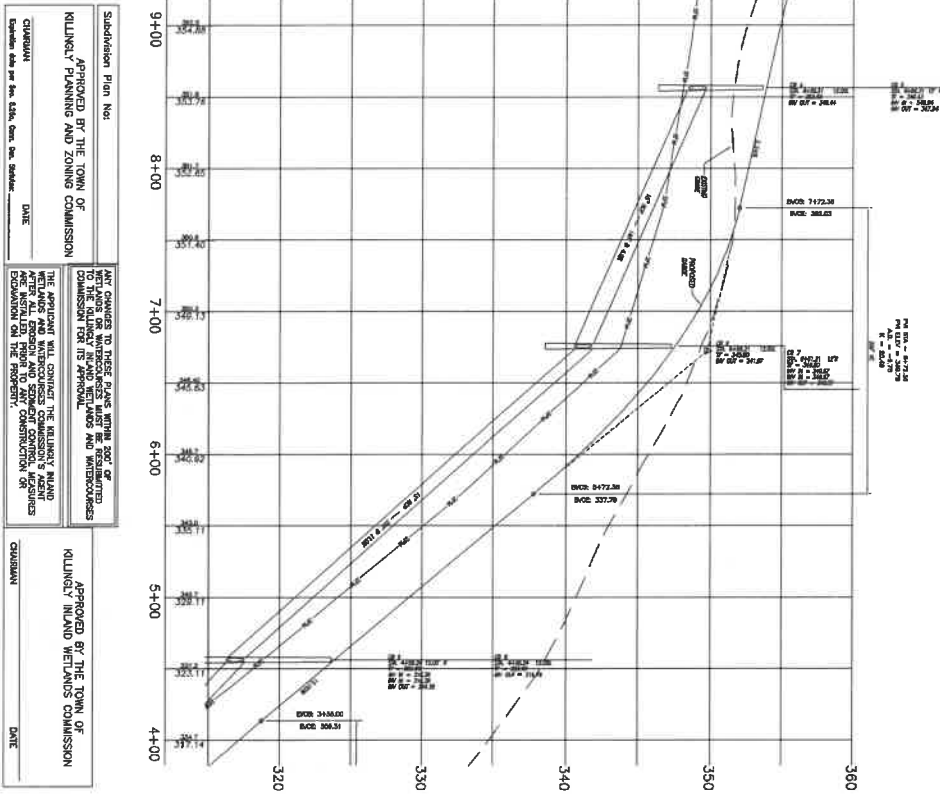
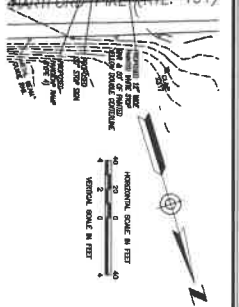
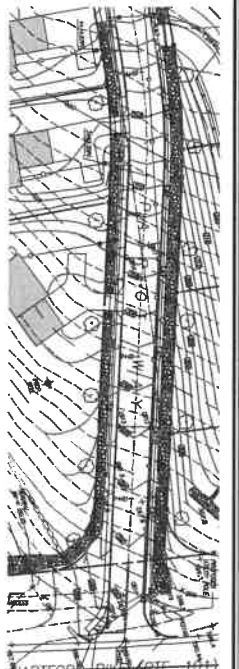
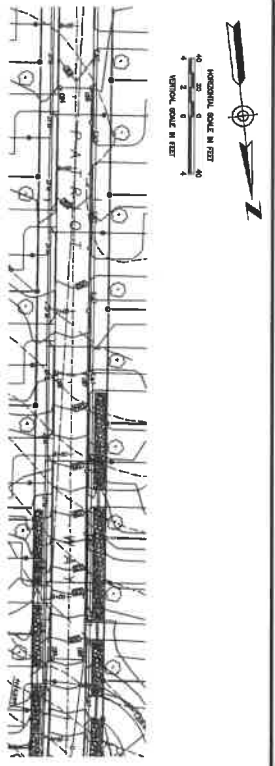
**BEFORE YOU DIG  
 CALL BEFORE YOU DIG**  
 A MESSAGE FROM BUSINESS DEPARTMENT  
 BEFORE YOU DIG CALL 811 OR 1-800-922-4455

APPROVED BY THE TOWN OF  
**KILLINGLY INLAND WETLANDS COMMISSION**  
 CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

ANY CHANGES TO THESE PLANS WITHIN 100' OF  
 THE BOUNDARIES OF THE TOWN OF KILLINGLY  
 TO THE KILLINGLY INLAND WETLANDS AND WATERBODIES  
 COMMISSION FOR ITS APPROVAL.

THE APPLICANT WILL CONTACT THE KILLINGLY INLAND  
 WETLANDS AND WATERBODIES COMMISSION'S SECRETARY  
 PRIOR TO ANY CONSTRUCTION OR  
 EXCAVATION ON THE PROPERTY.

Subdivision Plan No.: \_\_\_\_\_  
 APPROVED BY THE TOWN OF  
**KILLINGLY PLANNING AND ZONING COMMISSION**  
 CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_



FOR ALL STORM DRAINAGE AND SANITARY SEWER STRUCTURE SCHEDULES SEE SHEET 8.

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

- LEGEND**
- IRON PIN TO BE SET
  - IRON PIN FOUND
  - CONCRETE MONUMENT TO BE SET
  - WATER DATE
  - EXISTING OVERTHROW BASIN
  - PROPOSED OVERTHROW BASIN
  - EXISTING SANITARY SEWER MANHOLE
  - PROPOSED SANITARY SEWER MANHOLE
  - EXISTING SETBACK LINE
  - PROPOSED SETBACK LINE
  - EXISTING CONTROLS
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED UNDERGROUND UTILITIES
  - EXISTING UNDERGROUND UTILITIES
  - PROPOSED STONE WALL
  - EXISTING STONE WALL
  - EXISTING STONE WALL REMAINS
  - SET FENCE

NO.	DATE	BY	DESCRIPTION
1	1/13/2020	...	...
2	7/27/20	...	...

PROPOSED PLAN & PROFILE No. 1  
STATION 1+00 TO 9+00  
PREPARED FOR  
**PATRIOT HOMES, LLC**  
HARTFORD, CONNECTICUT  
KILLBUCK, CONNECTICUT

**Killbuck Engineering Associates**  
Civil Engineering & Surveying  
111 New Street, Suite 200  
Hartford, CT 06103  
Tel: 860-725-2200  
Fax: 860-725-2201  
www.killbuckeng.com

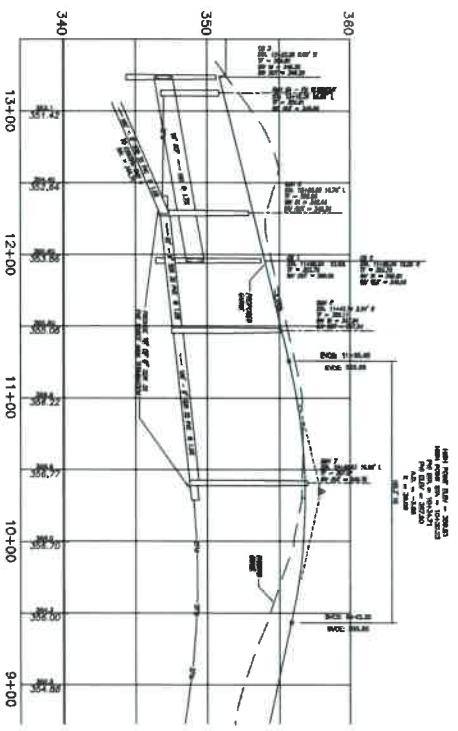
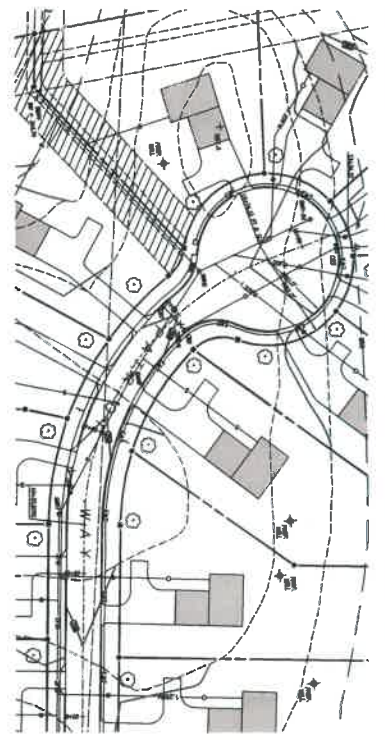
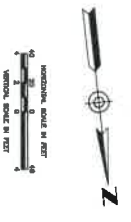
DATE: 1/13/2020  
DRAWN: JMB  
CHECKED: JMB  
SCALE: 7/8" = 1'  
SHEET: 8 OF 10  
PROJECT: 2019-001  
DSC: 100-000-000

Subdivision Plan No: \_\_\_\_\_  
APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
DATE: \_\_\_\_\_  
CHAIRMAN: \_\_\_\_\_

ANY CHANGES TO THESE PLANS WITHIN 90 DAYS OF THE DATE OF APPROVAL MUST BE SUBMITTED TO THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION FOR ITS APPROVAL.  
THE APPLICANT WILL CONDUCT THE NEIGHBOR'S MEETING WITHIN 30 DAYS OF THE DATE OF APPROVAL. AFTER ALL PERSON AND SEWER CONNECTION WORKS ARE COMPLETED, THE APPLICANT SHALL SUBMIT A FINAL SUBDIVISION PLAN TO THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION FOR ITS APPROVAL.

APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
DATE: \_\_\_\_\_  
CHAIRMAN: \_\_\_\_\_

APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
DATE: \_\_\_\_\_  
CHAIRMAN: \_\_\_\_\_



- LEGEND**
- ROUN FIN TO BE SET
  - DIAL HOLE FOUND
  - CONCRETE MONUMENT TO BE SET
  - WATER CURVE
  - PROPOSED WATER MAIN
  - EXISTING SANITARY SEWER MANHOLE
  - PROPOSED SANITARY SEWER MANHOLE
  - BUILDING STRUCK LINE
  - EXISTING CONDUITS
  - PROPOSED SANITARY SEWER LINE
  - PROPOSED UNDERGROUND UTILITIES
  - PROPOSED OVERHEAD WIRES
  - STAKE WALL REMAINS
  - SET POINT

Subdivision Plan No. \_\_\_\_\_  
 APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
 DATE \_\_\_\_\_  
 CHUBBYMAN \_\_\_\_\_

ANY CHANGES TO THESE PLANS WITHIN 300' OF THE BOUNDARIES OF WETLANDS SHALL BE RE-EVALUATED TO THE SAME FOR THE PURPOSES OF THE WETLANDS REGULATIONS. THE APPLICANT WILL CONTACT THE KILLBUCK PLANNING AND ZONING COMMISSION FOR ANY CHANGES TO THESE PLANS AFTER ALL PERMITS AND SECTOR CONSENT AGREEMENTS HAVE BEEN OBTAINED.

APPROVED BY THE TOWN OF KILLBUCK WETLANDS COMMISSION  
 DATE \_\_\_\_\_  
 CHUBBYMAN \_\_\_\_\_

**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**

DATE: 1/17/2020  
 SHEET: 4 OF 14  
 DRAWN: JAC  
 CHECKED: JAC  
 DESIGNED: JAC  
 DATE: 1/17/2020

**Killbuck Engineering Associates**  
 1100 State Street  
 Killbuck, Ohio 44635  
 Phone: 419-235-2200  
 Fax: 419-235-2201  
 Email: info@killbuckeng.com

PROPOSED PLAN & PROFILE No. 2  
 STATION 9+00 TO 14+00  
 PREPARED FOR  
**PATRIOT HOMES, LLC**  
 HARTSFORD PIKE (ROUTE 10)  
 KILLBUCK, CONNECTICUT

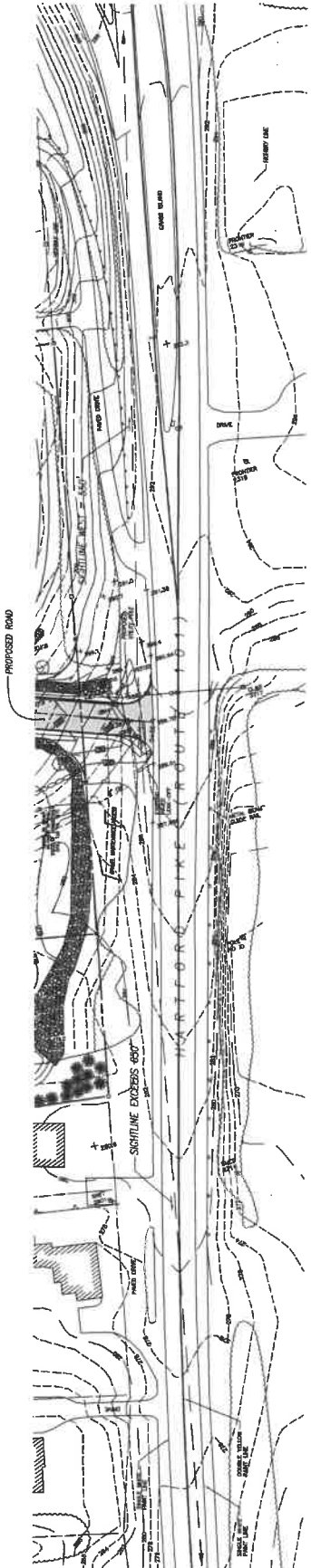
NO.	REVISIONS	DATE
1	ISSUED FOR PERMITS	1/17/2020
2	REVISED PER COMMENTS	1/17/2020
3	REVISED PER COMMENTS	1/17/2020

**STRAINER SEWER SCHEDULE**

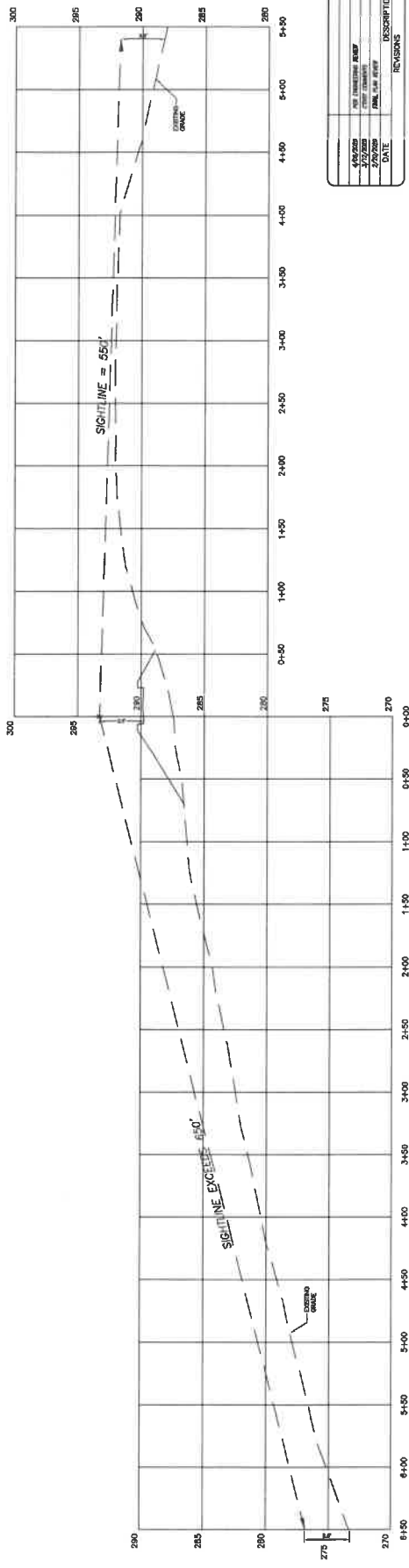
STRUCTURE	CONSTRUCTION	PIPING	MANHOLE	DATE	DEPTH	LENGTH	MARK
SM-1	REPLACEMENT	12" PVC	12" DIA.	1/17/2020	15'	100'	15-100
SM-2	REPLACEMENT	12" PVC	12" DIA.	1/17/2020	15'	100'	15-100
SM-3	REPLACEMENT	12" PVC	12" DIA.	1/17/2020	15'	100'	15-100
SM-4	REPLACEMENT	12" PVC	12" DIA.	1/17/2020	15'	100'	15-100
SM-5	REPLACEMENT	12" PVC	12" DIA.	1/17/2020	15'	100'	15-100

**STRAINER DISTANCE SCHEDULE**

ID	TYPE	MARK	DATE	DEPTH	LENGTH	MARK
SM-1	REPLACEMENT	12" PVC	1/17/2020	15'	100'	15-100
SM-2	REPLACEMENT	12" PVC	1/17/2020	15'	100'	15-100
SM-3	REPLACEMENT	12" PVC	1/17/2020	15'	100'	15-100
SM-4	REPLACEMENT	12" PVC	1/17/2020	15'	100'	15-100
SM-5	REPLACEMENT	12" PVC	1/17/2020	15'	100'	15-100



SIGHTLINE PLAN VIEW



SIGHTLINE PROFILE



DATE	DESCRIPTION	REVISIONS
4/18/2009	REV. PROPOSED DRIVE	
5/12/2009	REV. DRIVE	
5/27/2009	FINAL PLAN REVIEW	

SIGHTLINE DEMONSTRATION PLAN  
 PREPARED FOR  
**PATRIOT HOMES, LLC**  
 HARTFORD PIKE (ROUTE 10)  
 KILLINGTON, CONNECTICUT

**Killingly Engineering Associates**  
 Civil Engineering & Surveying  
 115 S. Main St.  
 Killington, VT 05751  
 Phone: (802) 752-2200  
 Fax: (802) 752-2201  
 www.killinglyeng.com

DATE: 1/11/2009  
 SHEET: 1 OF 47  
 DRAWN BY: JTB  
 CHECKED BY: JTB

**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

APPROVED BY THE TOWN OF  
 KILLINGTON INLAND WETLANDS COMMISSION

CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

Submittal Plan No: \_\_\_\_\_  
 APPROVED BY THE TOWN OF  
 KILLINGTON PLANNING AND ZONING COMMISSION

CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

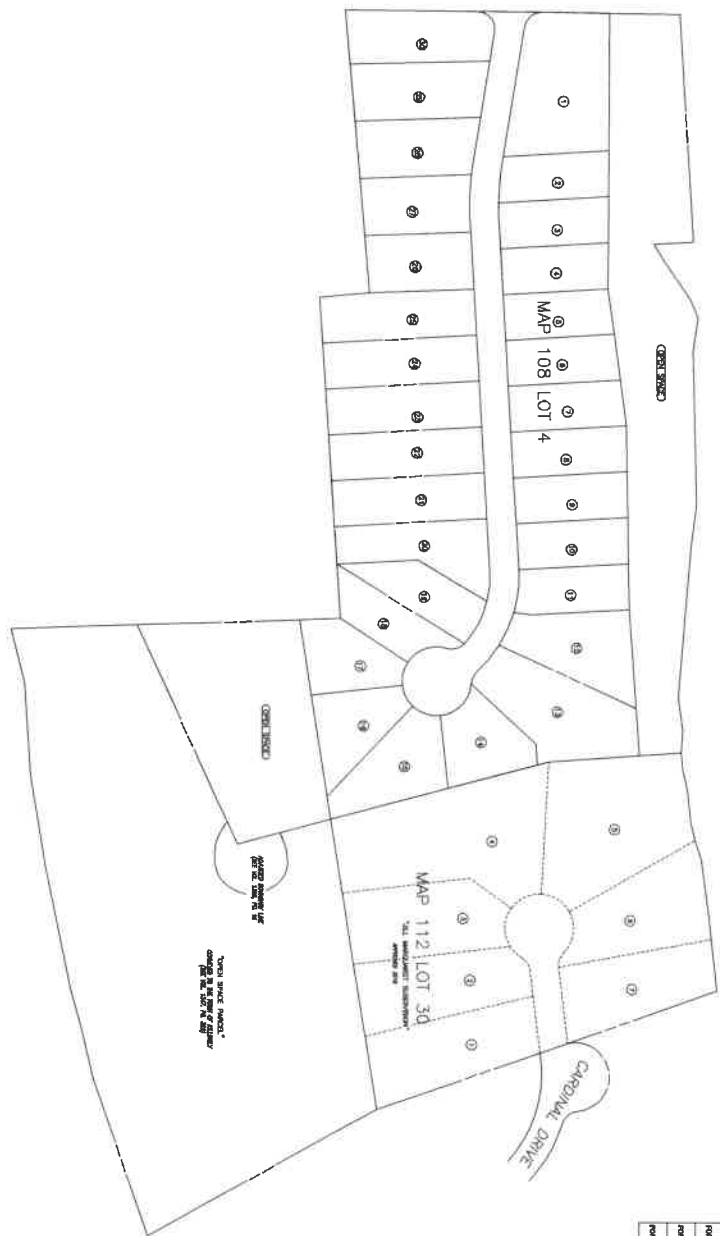
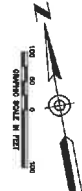
EXEMPTION CODE per Sec. 8-21a, Town Ord. 2006-001

WE ADVISE YOU WILL CONSULT THE KILLINGTON PLANNING AND ZONING COMMISSION AGENT AFTER ALL EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AND BEFORE ANY CONSTRUCTION OR DISTURBANCE OF THE PROPERTY.

KILLINGTON, VT 05751



HARTFORD PIKE (ROUTE 101)



HISTORICAL DATA						
LOT #	DATE	OWNER	TYPE	NO.	DATE	AREA
4 & 20	1/29/1917	ALL INDIVIDUAL TRUSTEES	1034	14	1/29/1917	4 1/4 ACRES
PROVIDER LOT 20	7/14/1920	JAMES E. GILBERTSON & CHARLES W. GILBERTSON	840	273	7/14/1920	4 1/4 ACRES
PROVIDER LOT 20	11/18/1944	JAMES E. GILBERTSON & CHARLES W. GILBERTSON	688	81	11/18/1944	4 1/4 ACRES
PROVIDER LOT 20	6/25/1960	JAMES E. GILBERTSON & CHARLES W. GILBERTSON	591	129	6/25/1960	4 1/4 ACRES
PROVIDER LOT 20	10/22/1981	LEONARD & BERNEICE, ET AL.	582	143	10/22/1981	4 1/4 ACRES
PROVIDER LOT 20	3/06/1979	ALISON BERNEICE	250	88	3/06/1979	280 THIRDS
PROVIDER LOT 20	6/27/1982	ALISON BERNEICE	577	577	6/27/1982	157 THIRDS

Subdivision Plan No. \_\_\_\_\_  
**APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION**  
 CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_  
Expirates after 90 days unless renewed by the Subdivider

THE APPLICANT WILL CONTACT THE KILLBUCK PLANNING AND ZONING COMMISSION AFTER ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND CONSTRUCTION OF THE PROPERTY HAS BEGUN.

APPROVED BY THE TOWN OF KILLBUCK INLAND WETLANDS COMMISSION  
 CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.  
 GREGG A. GAULDE, L.S. L.C. NO. 70181 DATE \_\_\_\_\_  
 NO CORRECTION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEGINS TO BE USED FOR RECORDING OR FOR THE PURPOSE OF THE LAND SURVEYOR'S ORIGINAL, COPY, AND SIGNATURE OF THE LAND SURVEYOR.

**Patriot Homes, LLC**  
 HARTFORD TURNPIKE (ROUTE 101)  
 KILLBUCK, CONNECTICUT

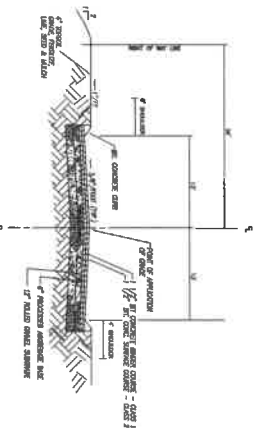
**Killingly Engineering Associates**  
 Civil Engineering & Surveying  
 117 S. Main Street  
 Killbuck, VT 05751  
 Phone: 802-243-3441  
 Fax: 802-243-3442

DATE: 1/16/2020  
 SCALE: 1" = 40'  
 SHEET: 10 OF 14  
 DRAWN BY: JAL/TJL  
 CHECKED BY: JAL/TJL  
 DATE: JAN 16, 2020

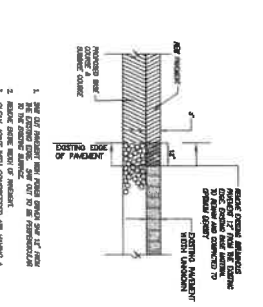
NO.	DATE	BY	REVISIONS
1	1/16/2020	JAL/TJL	ISSUED FOR PERMITS
2	1/16/2020	JAL/TJL	ISSUED FOR RECORD
3	1/16/2020	JAL/TJL	ISSUED FOR RECORD

**NOTES:**  
 This survey was prepared pursuant to the provisions of the Vermont Statutes, Chapter 264, Section 102, and the Rules of Professional Conduct for Surveyors and Land Use Consultants, promulgated by the Board of Surveyors and Land Use Consultants on September 28, 1988.  
 - This survey conforms to a Class "A" horizontal curve.  
 - Survey Type: Conventional Plan.  
 This plan was compiled from other maps, record research, or other information. The accuracy of this plan is not guaranteed and no liability shall be assumed by the Surveyor or Land Use Consultant for any errors or omissions on account of any such information. The user assumes all responsibility for the accuracy of this plan and for any consequences that may result from its use. The user agrees to indemnify and hold the Surveyor and Land Use Consultant harmless from and against all claims, damages, and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the Surveyor and Land Use Consultant in connection with this plan, whether or not such claims, damages, or expenses are caused in whole or in part by the negligence of the Surveyor and Land Use Consultant.

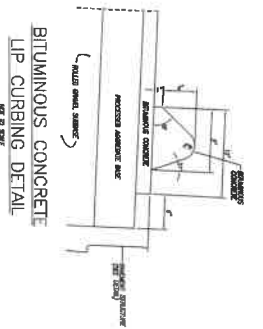




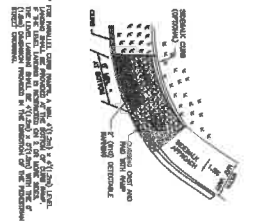
ROADWAY CROSS SECTION  
NOT TO SCALE



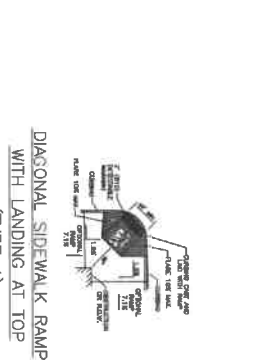
TYPICAL CROSS SECTION FOR MATCHING EXISTING AND PROPOSED PAVEMENT  
NOT TO SCALE



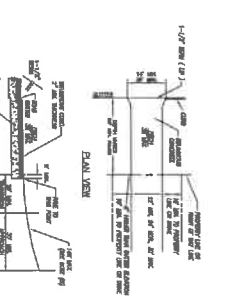
BITUMINOUS CONCRETE LIP CURBING DETAIL  
NOT TO SCALE



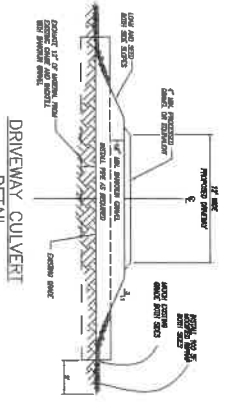
SIDEWALK RAMP TYPE 4C  
NOT TO SCALE



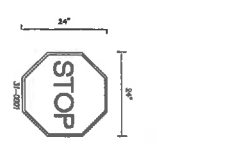
DIAGONAL SIDEWALK RAMP WITH LANDING AT TOP (TYPE 4)  
NOT TO SCALE



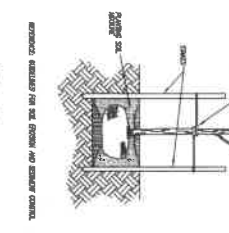
PAVEMENT DETAIL  
NOT TO SCALE



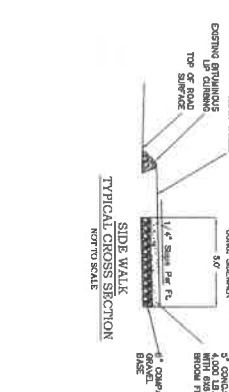
DREWEWAY CULVERT DETAIL  
NOT TO SCALE



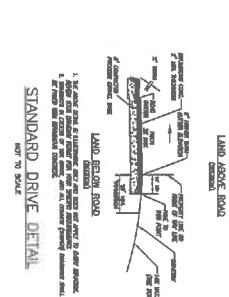
STOP SIGN  
NOT TO SCALE



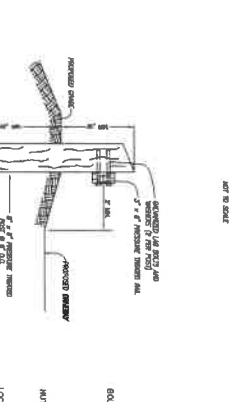
PLANTING CROSS SECTION FOR TREES UNDER 20'  
NOT TO SCALE



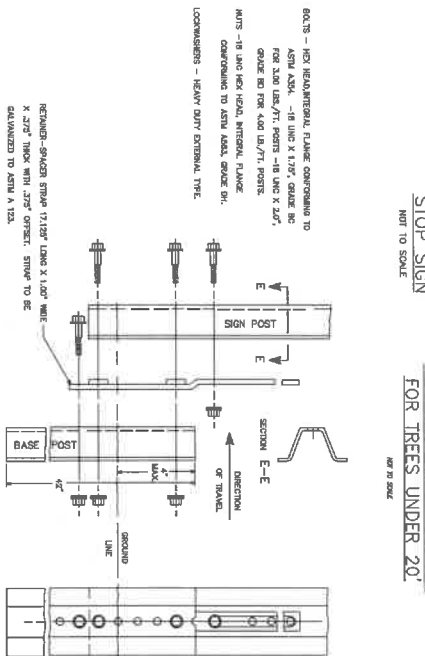
SIDE WALK TYPICAL CROSS SECTION  
NOT TO SCALE



LAND SCISSOR ROAD  
NOT TO SCALE



WOOD GUIDE RAIL  
NOT TO SCALE



BREAKAWAY TRAIL INSTALLATION - FOR 3 & 4 LB. POSTS

Submittal Plan No:  
APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
DATE: \_\_\_\_\_

APPROVED BY THE TOWN OF KILLBUCK INLAND WETLANDS COMMISSION  
DATE: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

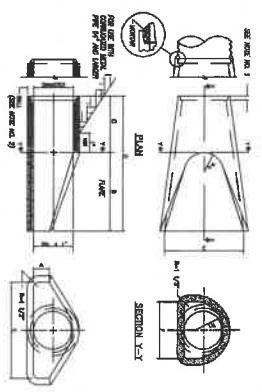
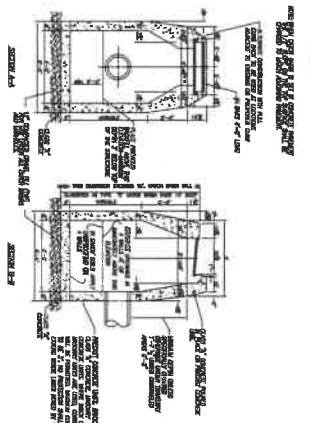
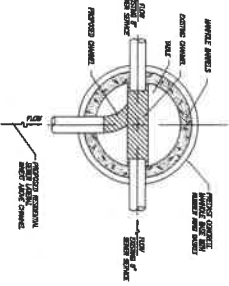
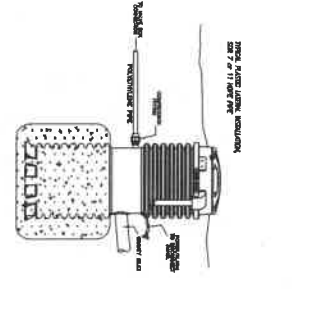
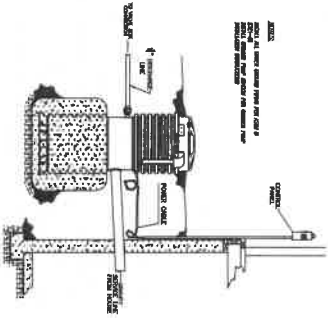
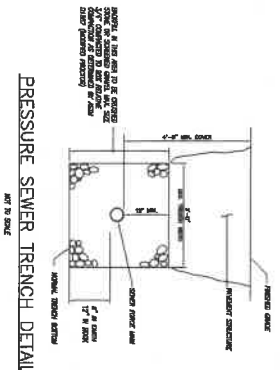
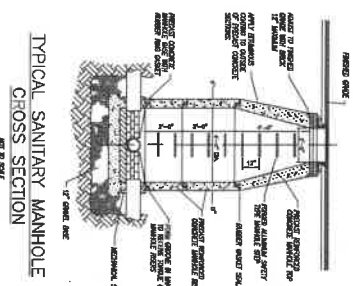
**Killbuck Engineering Associates**  
Civil, Mechanical & Structural  
11 Vermont Road  
Killbuck, VT 05751  
Tel: 802-735-3333  
Fax: 802-735-3334

DATE: 1/14/2020	DESIGNER: AJL
SCALE: NOT TO SCALE	ISSUED: NET
SHEET: 13 OF 14	CHK: ENR, SD
ENC. NO. 03/ST/1E	JOB NO. 18130

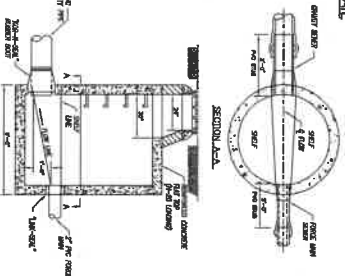
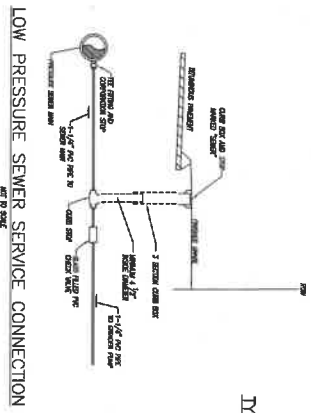
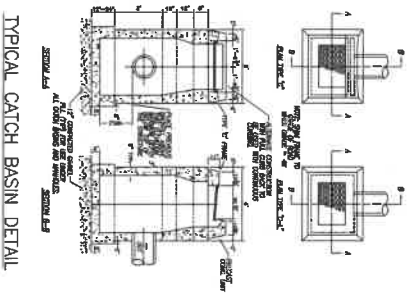
DETAIL SHEET No. 2  
PREPARED FOR  
**PATRIOT HOMES, LLC**  
HARFORD PIKE (ROUTE 101)  
KILLBUCK, CONNECTICUT

NO.	DATE	BY	DESCRIPTION	REVISIONS
1/14/2020	ENR	ENR	PREPARED FOR	
2/24/2020	ENR	ENR	REVISED FOR	
3/24/2020	ENR	ENR	REVISED FOR	





NO.	DESCRIPTION	QTY.	UNIT	AMOUNT	PRICE	TOTAL
1	CONCRETE	1	CU YD	1.00	100.00	100.00
2	STEEL	1	LB	1.00	1.00	1.00
3	BRICK	1	SQ YD	1.00	100.00	100.00
4	CEMENT	1	CU YD	1.00	100.00	100.00
5	SAND	1	CU YD	1.00	100.00	100.00
6	GRAVEL	1	CU YD	1.00	100.00	100.00
7	PIPE	1	LN	1.00	100.00	100.00
8	GRATE	1	EA	1.00	100.00	100.00
9	LABOR	1	HR	1.00	100.00	100.00
10	EQUIPMENT	1	HR	1.00	100.00	100.00
11	TRANSPORT	1	HR	1.00	100.00	100.00
12	PERMITS	1	EA	1.00	100.00	100.00
13	INSURANCE	1	EA	1.00	100.00	100.00
14	LIABILITY	1	EA	1.00	100.00	100.00
15	WARRANTY	1	EA	1.00	100.00	100.00
16	TESTING	1	EA	1.00	100.00	100.00
17	INSPECTION	1	EA	1.00	100.00	100.00
18	TRAINING	1	EA	1.00	100.00	100.00
19	SAFETY	1	EA	1.00	100.00	100.00
20	COMMUNICATIONS	1	EA	1.00	100.00	100.00
21	TRANSPORTATION	1	EA	1.00	100.00	100.00
22	ACCIDENTS	1	EA	1.00	100.00	100.00
23	THEFT	1	EA	1.00	100.00	100.00
24	VANDALISM	1	EA	1.00	100.00	100.00
25	ACTS OF GOD	1	EA	1.00	100.00	100.00
26	WAR	1	EA	1.00	100.00	100.00
27	RIOTS	1	EA	1.00	100.00	100.00
28	REBELLIONS	1	EA	1.00	100.00	100.00
29	COMUNIST UPRISINGS	1	EA	1.00	100.00	100.00
30	NUCLEAR WAR	1	EA	1.00	100.00	100.00
31	ACTS OF TERRORISM	1	EA	1.00	100.00	100.00
32	UNLAWFUL STRIKES	1	EA	1.00	100.00	100.00
33	BOYCOTTS	1	EA	1.00	100.00	100.00
34	UNLAWFUL PICKETS	1	EA	1.00	100.00	100.00
35	UNLAWFUL OBSTRUCTIONS	1	EA	1.00	100.00	100.00
36	UNLAWFUL INTERFERENCE	1	EA	1.00	100.00	100.00
37	UNLAWFUL HARASSMENT	1	EA	1.00	100.00	100.00
38	UNLAWFUL STALKING	1	EA	1.00	100.00	100.00
39	UNLAWFUL STalking	1	EA	1.00	100.00	100.00
40	UNLAWFUL STalking	1	EA	1.00	100.00	100.00



Subdivision Plan No. \_\_\_\_\_  
 APPROVED BY THE TOWN OF KILLINGLY PLANNING AND ZONING COMMISSION  
 DATE \_\_\_\_\_

APPROVED BY THE TOWN OF KILLINGLY INLAND WETLANDS COMMISSION  
 DATE \_\_\_\_\_

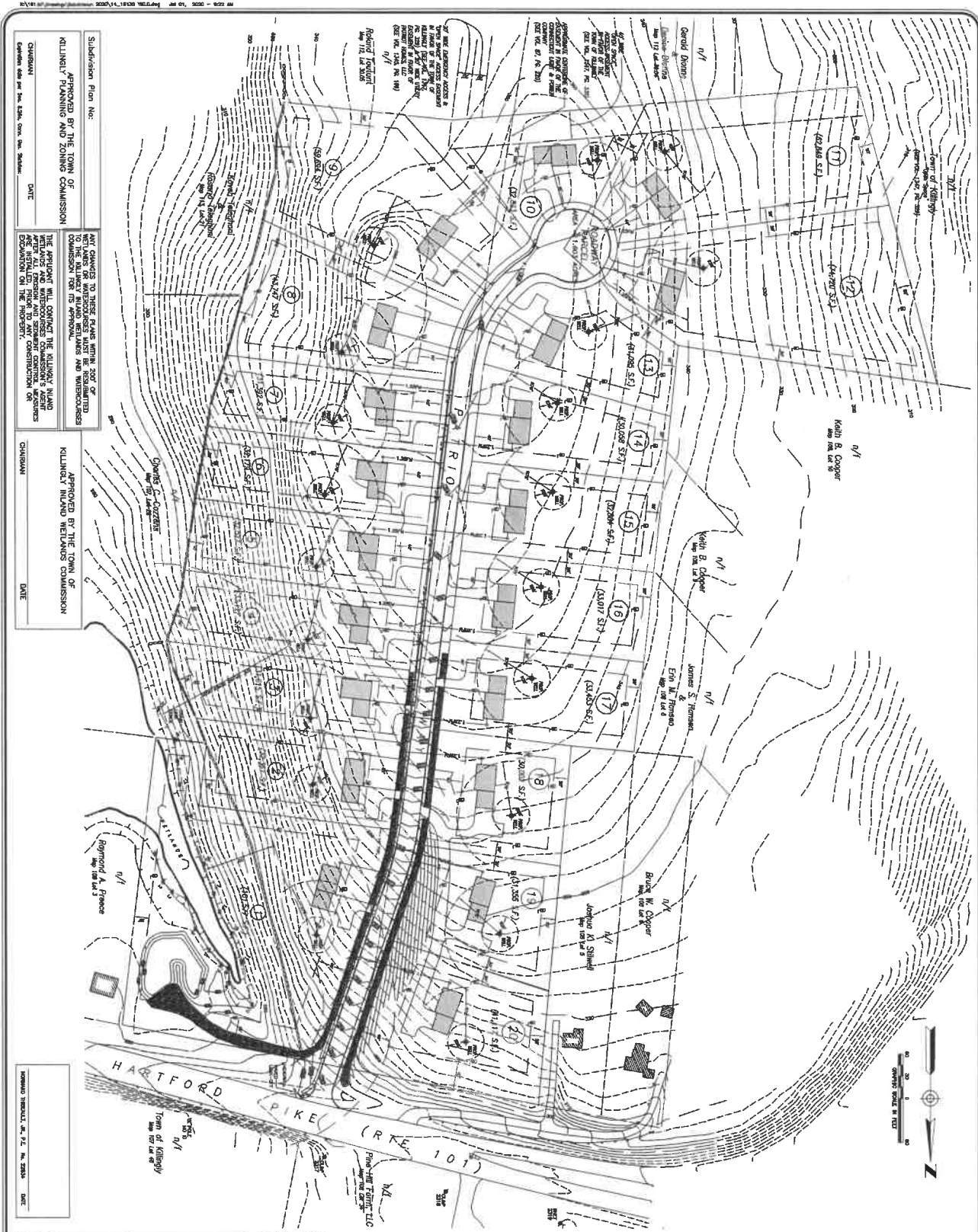
ANY CHANGES TO THESE PLANS WITHIN 30 DAYS OF THE DATE OF APPROVAL MUST BE SUBMITTED TO THE TOWN OF KILLINGLY PLANNING AND ZONING COMMISSION FOR ITS APPROVAL.

THE APPLICANT WILL OBTAIN THE NECESSARY PERMITS AFTER ALL DESIGN AND SCHEMATIC CONSTRUCTION DOCUMENTATION ON THE PROPERTY.

DETAIL SHEET No. 3  
 PREPARED FOR  
**PATRIOT HOMES, LLC**  
 HARTFORD (ROUTE 101)  
 KILLINGLY, CONNECTICUT

**Killingly Engineering Associates**  
 Civil Engineering & Surveying  
 110 S. MAIN ST.  
 KILLINGLY, CT 06257  
 TEL: (860) 779-2299  
 FAX: (860) 779-2299  
 WWW: KILLINGLYENGINEERING.COM

DATE: 1/15/2020  
 SCALE: NOT TO SCALE  
 DRAWN: AMJ  
 CHECKED: KET  
 DESIGNED: KET  
 DATE: 1/15/2020



**TABLE OF ZONING REQUIREMENTS**

ZONE = LOW DENSITY

Lot Area	REQUIRED
30,000 S.F.	
Lot Frontage	100'
Front Yard Setback	40'
Side Yard Setback	20'
Rear Yard Setback	20'
Building Height	35' Max.
Lot Coverage	30% Max.

DATE	DESCRIPTION
4/10/2020	PRELIMINARY PLAN
7/29/2020	FINAL PLAN
DATE	REVISIONS

TRADITIONAL SUBDIVISION YIELD PLAN  
PREPARED FOR  
**PATRIOT HOMES, LLC**  
HARTFORD PROJECT 101  
KILLBUCK, CONNECTICUT

**Killbuck Engineering & Surveying**  
Civil Engineering & Surveying  
115 West Street  
Killbuck, CT 06254  
Phone: (860) 729-2339  
Fax: (860) 729-2338

DATE: 1/24/2020  
SCALE: 1" = 80'  
SHEETS: 14 OF 14  
DWG. NO: 23RT-14

DATE: 1/24/2020  
SCALE: 1/8" = 100'  
SHEETS: 14 OF 14  
DWG. NO: 23RT-14

Subdivision Plan No.  
**APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION**  
CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_  
EXPIRES: 180 DAYS FROM THE DATE OF ADOPTION

APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY THE TOWN OF KILLBUCK PLANNING AND ZONING COMMISSION  
CHAIRMAN: \_\_\_\_\_ DATE: \_\_\_\_\_

Paid \$160 Check # ~~1052~~ 1052  
Glen Ravenelle

Property within 500' of adjoining Town boundary? \_\_\_\_\_  
If so, which town(s)? \_\_\_\_\_  
Date the notice was sent by KIWWC to town clerk of adjoining municipality(ies) \_\_\_\_\_  
Receipt date of copy of Applicants notice to adjoining municipality \_\_\_\_\_

Application #: 20-1493  
Date Submitted: 7/14/2020  
Date of Receipt by Comm.: \_\_\_\_\_  
Fee: \$160.00  
Staff Initials: JB

**KILLINGLY INLAND WETLANDS & WATERCOURSES COMMISSION APPLICATION**

A \$100.00 base fee (or, for a proposed subdivision, \$100.00 per lot, whichever is greater) **plus \$60.00 state fee** must accompany each application (**Total fee: \$160.00**). **THIS FEE IS NON-REFUNDABLE.** Checks or money orders should be made payable to the **Town of Killingly**. **Public hearing fee: \$225.00** required in addition to the above fees if a public hearing is required by the commission(s) and not already included.

**TO BE COMPLETED BY THE APPLICANT - PLEASE PRINT**

Applicant's Name: Glen J. Ravenelle  
Day Phone #: 860-933-3166 Evening Phone #: \_\_\_\_\_  
Mailing Address: 260 North Shore Rd. Dayville Ct. 06241  
Owner of Record: Glen + Karen Ravenelle  
Mailing Address: 260 North Shore Rd. Dayville Phone #: 860-933-3166

Applicant's interest in the land if the applicant is not the property owner: \_\_\_\_\_

Authorization of property owner: \_\_\_\_\_

**LOCATION OF PROPERTY:**

House # and Street: 260 North Shore Rd. Dayville Ct. 06241  
Tax Map Number: 87 Block: \_\_\_\_\_ Lot: 8.001  
Zoning District: ALZD Lot Size: .15 Acre Lot Frontage: N/A  
Easements and/or deed restrictions: \_\_\_\_\_

**PURPOSE:**

Provide the purpose and description of the proposed activity, including a list of all proposed regulated activities:  
New 6' retaining wall / landscaping.

**SITE PLAN\*:**

Scale 1"=40' showing existing and proposed conditions in relation to wetlands and water courses to include, but not be limited to:

- Contours
- Buildings
- Wells
- Driveways
- Septic Systems
- Drainage Systems (Including Culverts, Footing and Curtain Drains)
- Erosion and Sedimentation controls
- Wetlands
- Watercourses
- Areas of Excavation and /or Material Deposit

*\*Refer to Section 6.0 – Application Information Requirements and Section 7.0 – Application Evaluation Criteria of the Killingly Inland Wetlands & Watercourses Commission Regulations for information the Commission may require. Professionally prepared plans (Licensed Land Surveyor/Professional Engineer registered in the State of Connecticut, Soil Scientist) may be required for significant activities.*

**ADDITIONAL INFORMATION:**

List additional information submitted by the applicant:

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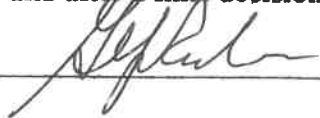


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The applicant understands that this application is to be considered complete only when all information and documents required by the Commission have been submitted. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief. Permission is granted to the Town of Killingly, Killingly Inland Wetlands & Watercourses Commission, and its agent (s) to walk the land, at reasonable times, and perform those tests necessary to properly review the application, both before and after a final decision has been issued.

Applicant's Signature:  Date: 7/14/2020

Owner of Record: \_\_\_\_\_ Date: \_\_\_\_\_





7/10/2020 - Inspection (ZEO)





7/10/2020 - Inspection (ZEO)





7/10/2020 - Inspection (ZEO)





7/10/2020 - Inspection (ZEO)





7/10/2020 - Inspection (ZEO)





7/10/2020 - Inspection (ZEO)





7/10/2020 - Contractor





7/10/2020 - Contractor





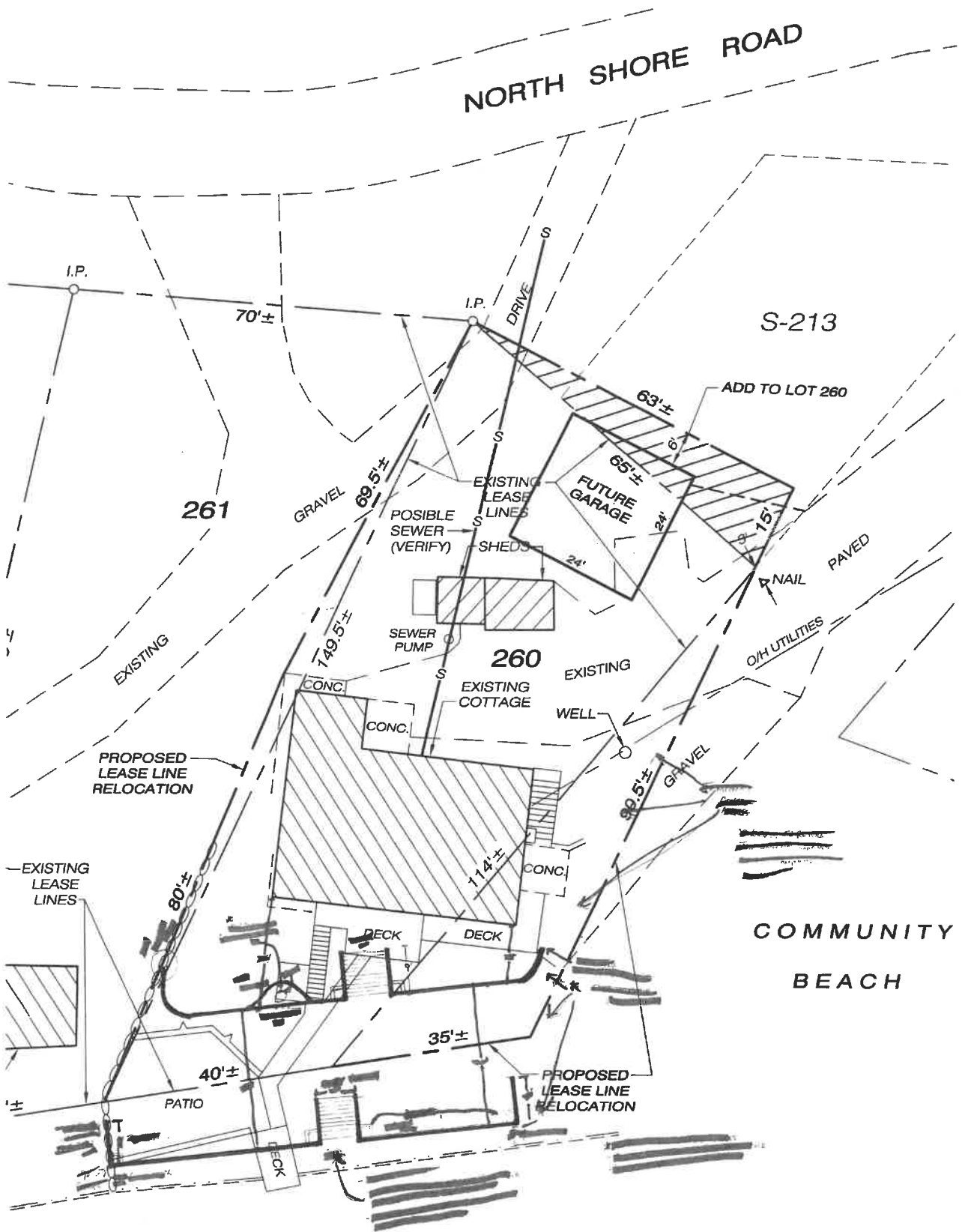
7/10/2020 - Contractor





7/10/2020 - Contractor









Check # 517659

Property within 500' of adjoining Town boundary? \_\_\_\_\_  
If so, which town(s)? \_\_\_\_\_  
Date the notice was sent by KIWWC to town clerk of adjoining municipality(ies) \_\_\_\_\_  
Receipt date of copy of Applicants notice to adjoining municipality \_\_\_\_\_

Application #: 20-1496

Date Submitted: 7/27/2020

Date of Receipt by Comm.: \_\_\_\_\_

Fee: \$360.00

Staff Initials: JB

**KILLINGLY INLAND WETLANDS & WATERCOURSES COMMISSION APPLICATION**

A \$100.00 base fee (or, for a proposed subdivision, \$100.00 per lot, whichever is greater) **plus** \$60.00 state fee must accompany each application (**Total fee: \$160.00**). **THIS FEE IS NON-REFUNDABLE.** Checks or money orders should be made payable to the Town of Killingly. **Public hearing fee: \$225.00** required in addition to the above fees if a public hearing is required by the commission(s) and not already included.

**TO BE COMPLETED BY THE APPLICANT – PLEASE PRINT**

Applicant's Name: PASAY DEVELOPMENT, LLC

Day Phone #: 860 908 3906 Evening Phone #: \_\_\_\_\_

Mailing Address: 162 MAIN STREET, DANIELSON, CT 06239

Owner of Record: SAME

Mailing Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

Applicant's interest in the land if the applicant is not the property owner: \_\_\_\_\_

Authorization of property owner: \_\_\_\_\_

**LOCATION OF PROPERTY:**

House # and Street: 298 & 300 CRANBERRY BOG ROAD

Tax Map Number: 193 Block: \_\_\_\_\_ Lot: 12 & 13

Zoning District: RD Lot Size: 2.95AC & 4.88 AC Lot Frontage: 317' & 396'

Easements and/or deed restrictions: DRAINAGE EASEMENT

**PURPOSE:**

Provide the purpose and description of the proposed activity, including a list of all proposed regulated activities:

INSTALLATION OF COMMON DRIVEWAY WITH 68' WIDE WETLAND CROSSING TO ACCESS TWO SUBDIVISION LOTS.

LOT DEVELOPMENT WITHIN 200' REGULATED AREA.

RENEWAL & TRANSFER OF EXPIRED PERMIT.

**ON-SITE WETLANDS AND WATERCOURSES:**

Windham County wetland soil types and areas of each type:

Ridgebury, Leicester, and Whitman soils 3 ACRES

Watercourse(s) – type (pond, stream, marsh, bog, drainage ditch, etc.), manmade or natural, and area of each:

SEASONAL WATERCOURSE

**ALTERNATIVES:**

List alternatives considered by the applicant and state why the proposal to alter wetlands as set forth in the application is necessary and was chosen:

N/A

**MATERIALS:**

Provide the volume (cubic yard) and nature of materials to be deposited and/or extracted:

230 CY GRAVEL TO BE DEPOSITED WITHIN WETLAND AREA FOR DRIVEWAY CONSTRUCTION

7 CY STONE TO BE DEPOSITED WITHIN WETLAND FOR DRAINAGE OUTFALL

**MITIGATIVE MEASURES:**

List measures to be taken to minimize or avoid any adverse impact on the regulated area:

ERSOSION CONTROL BARRIERS BETWEEN ACTIVITY AND WETLAND, TURF REINFORCEMENT MATS ON STEEP SLOPES ADJACENT TO WETLANDS

RIPRAP SPLASH PAD AT PIPE OUTLET

**BIOLOGICAL EVALUATION:**

Describe the ecological communities and functions of the wetlands or watercourses involved with the application and the effects of the proposed regulated activities on these communities and wetland functions:

**SITE PLAN\*:**

Scale 1"=40' showing existing and proposed conditions in relation to wetlands and water courses to include, but not be limited to:

Contours

Buildings

Wells

Driveways

Septic Systems

Drainage Systems (Including Culverts, Footing and Curtain Drains)

Erosion and Sedimentation controls

Wetlands

Watercourses

Areas of Excavation and /or Material Deposit

*\*Refer to Section 6.0 – Application Information Requirements and Section 7.0 – Application Evaluation Criteria of the Killingly Inland Wetlands & Watercourses Commission Regulations for information the Commission may require. Professionally prepared plans (Licensed Land Surveyor/Professional Engineer registered in the State of Connecticut, Soil Scientist) may be required for significant activities.*

**ADDITIONAL INFORMATION:**

List additional information submitted by the applicant:


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The applicant understands that this application is to be considered complete only when all information and documents required by the Commission have been submitted. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief. Permission is granted to the Town of Killingly, Killingly Inland Wetlands & Watercourses Commission, and its agent (s) to walk the land, at reasonable times, and perform those tests necessary to properly review the application, both before and after a final decision has been issued.

Applicant's Signature:  Date: \_\_\_\_\_  
Owner of Record: Pasoy Development LLC member Date: 7/27/2020  
Keith Pasoy







Property within 500' of adjoining Town boundary? \_\_\_\_\_  
If so, which town(s)? \_\_\_\_\_  
Date the notice was sent by KIWWC to town clerk of adjoining municipality(ies) \_\_\_\_\_  
Receipt date of copy of Applicants notice to adjoining municipality \_\_\_\_\_

Application #: 20-1497  
Date Submitted: 7/30/2020  
Date of Receipt by Comm.: \_\_\_\_\_  
Fee: \$160.00 ~~owed~~  
Staff Initials: \_\_\_\_\_

**KILLINGLY INLAND WETLANDS & WATERCOURSES COMMISSION APPLICATION**

A \$100.00 base fee (or, for a proposed subdivision, \$100.00 per lot, whichever is greater) plus \$60.00 state fee must accompany each application (**Total fee: \$160.00**). **THIS FEE IS NON-REFUNDABLE**. Checks or money orders should be made payable to the Town of Killingly. **Public hearing fee: \$225.00** required in addition to the above fees if a public hearing is required by the commission(s) and not already included.

**TO BE COMPLETED BY THE APPLICANT – PLEASE PRINT**

Applicant's Name: David Pepas/Pepas Landscaping  
Day Phone #: (860) 383-5697 Evening Phone #: \_\_\_\_\_  
Mailing Address: 11 Carpenter Street, Norwich, CT 06360  
Owner of Record: Dave Pechie (Alexander Lake Association)  
Mailing Address: 135 S South Road, Dayville, CT 06241 Phone #: (860) 774-9408

Applicant's interest in the land if the applicant is not the property owner: Pepas Landscaping was hired to install a wall

Authorization of property owner: \_\_\_\_\_

**LOCATION OF PROPERTY:**

House # and Street: 135 S South Road, Dayville, CT 06241  
Tax Map Number: 710402 Block: \_\_\_\_\_ Lot: \_\_\_\_\_  
Zoning District: Alexander Lake Lot Size: 0.09 Lot Frontage: 50'  
Easements and/or deed restrictions: \_\_\_\_\_

**PURPOSE:**

Provide the purpose and description of the proposed activity, including a list of all proposed regulated activities.  
Pepas Landscaping proposes to put a vinyl sea wall in place of the existing wall that is leaning,  
falling apart and allowing washout into the lake.



**ON-SITE WETLANDS AND WATERCOURSES:**

Windham County wetland soil types and areas of each type: \_\_\_\_\_

\_\_\_\_\_

Watercourse(s) – type (pond, stream, marsh, bog, drainage ditch, etc.), manmade or natural, and area of each:

Natural Lake, Dayville

\_\_\_\_\_

**ALTERNATIVES:**

List alternatives considered by the applicant and state why the proposal to alter wetlands as set forth in the application is necessary and was chosen:

Vinyl sheets driven into the ground with minimal disturbance to the lake with no washout...long lasting

\_\_\_\_\_

\_\_\_\_\_

**MATERIALS:**

Provide the volume (cubic yard) and nature of materials to be deposited and/or extracted:

15-20 yards of 3/4" crushed stone to be brought in

\_\_\_\_\_

**MITIGATIVE MEASURES:**

List measures to be taken to minimize or avoid any adverse impact on the regulated area:

The existing wall will be pulled back to allow installation of the new wall prior to removing old wall which will prevent washout into the lake during installation

\_\_\_\_\_

\_\_\_\_\_

**BIOLOGICAL EVALUATION:**

Describe the ecological communities and functions of the wetlands or watercourses involved with the application and the effects of the proposed regulated activities on these communities and wetland functions:

There will be no adverse affect to the lake during installation

\_\_\_\_\_

\_\_\_\_\_

**SITE PLAN\*:**

Scale 1"=40' showing existing and proposed conditions in relation to wetlands and water courses to include, but not be limited to:

- Contours
- Buildings
- Wells
- Driveways
- Septic Systems
- Drainage Systems (Including Culverts, Footing and Curtain Drains)
- Erosion and Sedimentation controls
- Wetlands
- Watercourses
- Areas of Excavation and /or Material Deposit

*\*Refer to Section 6.0 – Application Information Requirements and Section 7.0 – Application Evaluation Criteria of the Killingly Inland Wetlands & Watercourses Commission Regulations for information the Commission may require. Professionally prepared plans (Licensed Land Surveyor/Professional Engineer registered in the State of Connecticut, Soil Scientist) may be required for significant activities.*

**ADDITIONAL INFORMATION:**

List additional information submitted by the applicant:

The project will have no impact on the water. There will be no runoff. Stone and filter fabric will be used as backfill.

The applicant understands that this application is to be considered complete only when all information and documents required by the Commission have been submitted. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief. Permission is granted to the Town of Killingly, Killingly Inland Wetlands & Watercourses Commission, and its agent (s) to walk the land, at reasonable times, and perform those tests necessary to properly review the application, both before and after a final decision has been issued.

Applicant's Signature: Paul Pegg Date: 7/30/20

Owner of Record: \_\_\_\_\_ Date: \_\_\_\_\_



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

RECEIVED  
TOWN CLERK, KILLINGLY, CT.

06 SEP 28 AM 10:34

*Elizabeth M. Wilson*

September 2006

To: Municipal Clerks  
RE: Public Act 06-53 Notification Process and Packet

The Connecticut Department of Public Health (CTDPH) would like to notify you of a new requirement of applicants to town commissions concerning protection of sensitive public drinking water supply source areas. We have developed the enclosed map of your town that delineates these source areas, as well as a simple web based notification form for applicants to utilize.

Effective October 1, 2006 The Commissioner of the CTDPH must be notified by applicants before a municipal Zoning Commission, Planning and Zoning Commission, Zoning Board of Appeals or Inland Wetlands Commission for any project located within a public water supply aquifer protection area or watershed area. The enclosed Public Act No. 06-53, modified Connecticut General Statute Sections 8-3i and 22a-42f, requiring this additional notification as water companies have been required to be notified since 1989. Any forms of past notification to the water companies are not changing with this new CTDPH notification requirement.

The process that an applicant must follow to satisfy the new CTDPH notification requirements is:

1. Refer to the enclosed *map* to determine whether your project falls within a public water supply aquifer protection area or watershed area;
2. Go to the CTDPH website at <http://www.dph.state.ct.us>.
3. Click on "Programs and Services".
4. Click on "D" and then "Drinking Water Section"
5. Click on "Source Water Protection" on the right hand side menu.
6. Follow the link to the Notification Process.
7. Submit the form by clicking on the "submit" button.

To ensure that the applicant is engaged in this process, we suggest town officials add the notification requirement to your check lists for filing site plan, subdivision, wetland and zone change applications, petitions, requests or plans; as well as posting the change of notification requirement at the town hall. Town websites may insert a link to our web based notification.

Please make the enclosed map available to applicants and treat the map as sensitive data.

We also invite you to attend free training on October 24, 2006 developed for town planners and local health officials to discuss the development process for new public water systems and the protection of public drinking water supplies. Please see the attached announcement and additional information at our website. Please forward this information to your town's inland wetland, zoning and planning commission members as well as board of appeal members and aquifer protection regulation commission members.

Feel free to contact Laurie Giannotti (860-509-7356) or me with any comments or questions.

Sincerely,

Lori Mathieu  
Supervising Environmental Analyst  
Drinking Water Section

Enclosures: Source Water Protection map; P.A. No. 06-53; notification form; save the date training; Article from The Habitat.

Phone:

(860) 509-7333

Telephone Device for the Deaf: (860) 509-7191

410 Capitol Avenue - MS #WAT  
P.O. Box 340308 Hartford, CT 06134

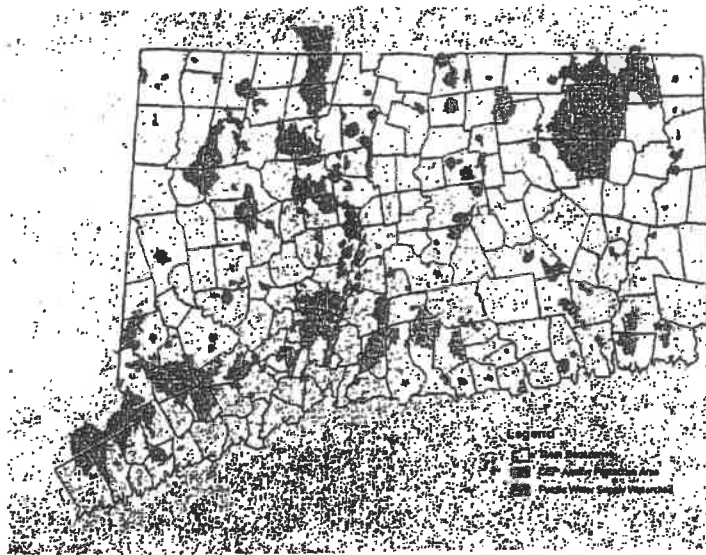


## Protection of Sensitive Drinking Water Source Areas: *New Legislation Requires Applicants for Municipal Land Use Permits to Notify the State Department of Public Health*

by Lori Mathieu, Connecticut Department of Public Health

*Editor's Note: Conservation Commissions and Inland Wetland Commissions now have a vital role in protecting watersheds that are the source of public water supplies. Inland Wetlands Commissions should make sure applicants have notified the State Department of Public Health when their proposed development is within a public water supply drainage area. Conservation Commissions, as part of their statutory responsibility to conduct research into the utilization of land areas of the municipality, should be familiar with public water supply drainage areas within town boundaries and make recommendations regarding the use of those lands.*

The DPH has authority over the adequacy and purity of sources of public drinking water, and regulates 3,400 public water systems within Connecticut. DPH views this notification as a proactive step toward land developers recognizing the potential adverse impact that proposed projects can have on drinking water purity.



It is the intent of the DPH under its Drinking Water Section to work closely with and provide technical assistance to local town land use decision makers concerning development and management of these drainage areas. Over the last fifteen years, the DPH has commented to local land use boards concerning proposed projects that may

In a move to highlight the need to protect sensitive source water areas that drain to public drinking water supplies, the State Department of Public Health (DPH) will be required to be notified when a proposed development is planned within a public water supply drainage area. Effective October 1, 2006, Public Act 06-53 Sections 1 and 2 modifies two existing laws requiring an applicant to either an inland wetland agency or a planning and zoning board to notify the DPH. Presently, the water company that owns and controls the public drinking water supply is required to be notified by the applicant.

effect public drinking water sources. Many towns have found these comments to be useful in making their land use decisions.

Public Act 06-53 can be found under the following web-site address: <http://www.cga.ct.gov/2006/ACT/PA/2006PA-00053-R00SB-00313-PA.htm>. The DPH is working toward a standard notification format. It is anticipated that this format will be mailed directly to towns and also made available on the DPH web-site in September 2006.

The state's public drinking water supply drainage areas cover appropriately 18 % of the state and impacts many towns throughout the state as shown in the figure above. These drainage areas provide water to large capacity public drinking water supplies including all surface water reservoirs and shallow sand and gravel ground water wells. Towns may have received detailed maps of these drainage areas from the water companies. Also, the DPH in 2003 hand delivered drainage area mapping to each chief elected official as a part of the source water assessment program.

Please contact Lori Mathieu at the DPH's Drinking Water Section at (860)509-7333 if you should have any questions.

Public Water Supply Aquifer Area  
Project Notification Form

Requirement:

All applicants before a municipal Zoning Commission, Planning and Zoning Commission or Zoning Board of Appeals for any project located within a public water supply aquifer area are required by Section 8-3i of the CT General Statutes to notify Connecticut Water Company of the proposed project by certified mail not later than 7 days after the date of the application. The notice should be sent to: Cindy Gaudino, Manager Source Protection and Real Estate, Connecticut Water Company, 93 West Main Street, Clinton, CT 06413. The State Department of Public Health must also be notified via on-line registration at: [http://www.dir.ct.gov/dph/Water/Web\\_form.htm](http://www.dir.ct.gov/dph/Water/Web_form.htm)

General Information:

1. Location map of the project site (please show enough information to locate site).
2. Site plans, including soil erosion and sediment control plan, which have been submitted to the town commission for review.
3. Project address 135 S South Road, Dayville, CT 06241
4. Total acreage of project site 0.09 acres
5. Existing land use Residence
6. Description of proposed project Install new tide wall system in place of existing wall.  

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---
7. Acreage of area to be disturbed including structures, additions, paving, and soil disturbance 2' tall by 40' length
8. Type of sanitary system (circle one)- septic system/public sewer/none
9. Number of existing or proposed floor drain and their point of discharge e.g. sanitary sewer, holding tank, or ground 0
10. Water accessed by (circle one) private well public water/other/none;  
If other, please specify \_\_\_\_\_

OVER

11. Distance of site disturbance to nearest watercourse or wetland \_\_\_\_\_

On lake

12. Brief description of **existing and proposed** stormwater management system, including roof drainage, paved areas etc., and discharge points e.g. municipal sewers, drywells, streams, vegetated areas, detention basins etc. \_\_\_\_\_

1 existing storm drain at the end of the wall

13. Type of heat for facility  N/A

14. List of **existing and proposed** underground or above-ground storage tanks including age, capacity and contents  N/A

15. List of potentially harmful chemicals stored or used on property (**existing and proposed**) and typical onsite volumes, including but not limited to petroleum products, lubricants, solvents, detergents and pesticides  N/A

16. Describe any wastes generated and their means of disposal \_\_\_\_\_

concrete blocks will be hauled off site at end of project.

17. Date application will be heard by Planning and Zoning Commission \_\_\_\_\_

18. Date application will be heard by Zoning Board of Appeals \_\_\_\_\_

19. Date application will be heard by Inland Wetlands Commission \_\_\_\_\_

20. Name, address and telephone number of contact person for the project:

David Pepas/Pepas Landscaping 11 Carpenter Street, Norwich, CT 06360 (860) 383-5697

David Pepas/Owner

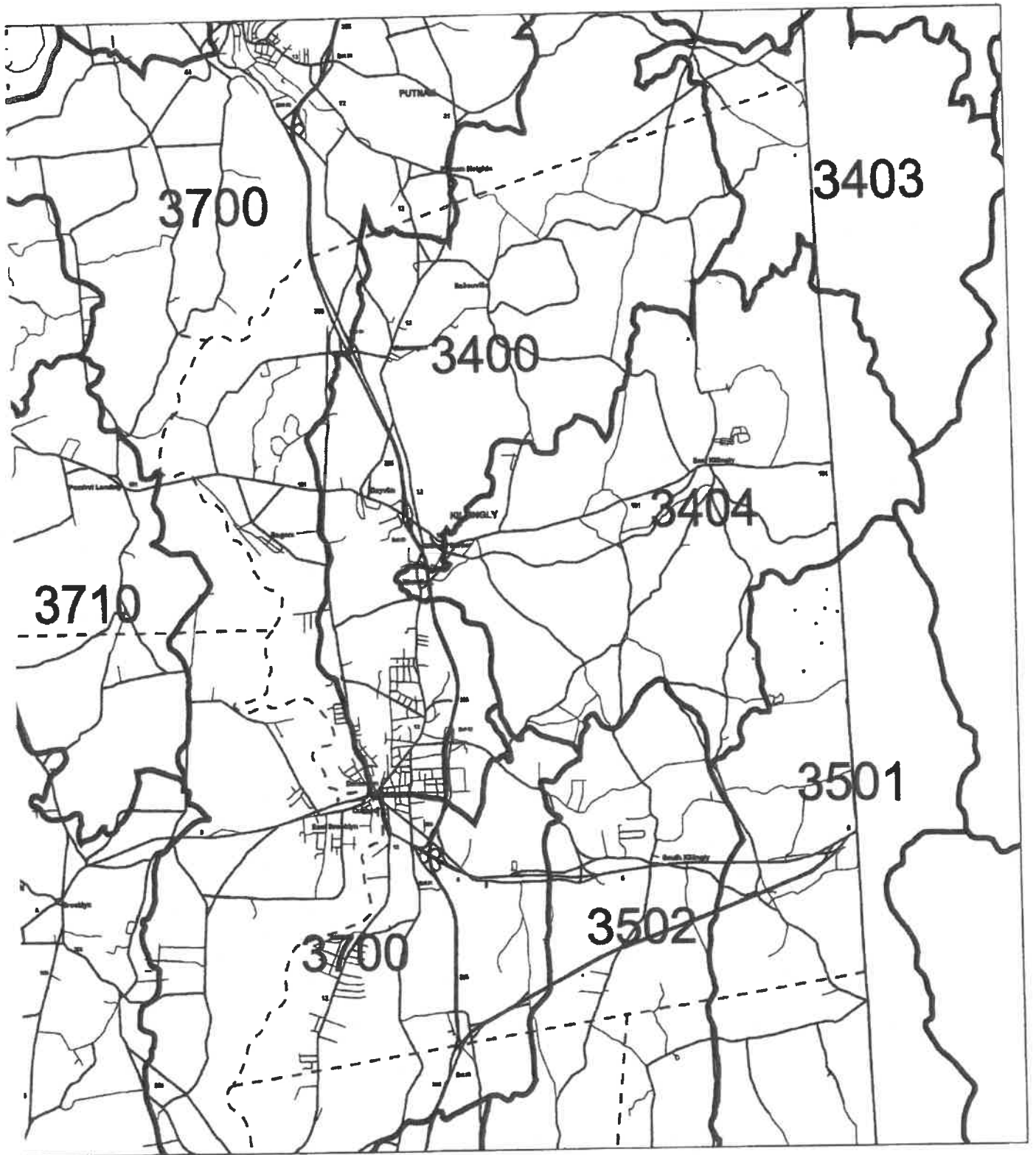


7/30/20

Name of person completing form





Signature

Date



**SUBREGIONAL DRAINAGE BASINS**  
**Statewide Inland Wetlands & Watercourses Activity Reporting Program**

**Killingly,  
 Connecticut**

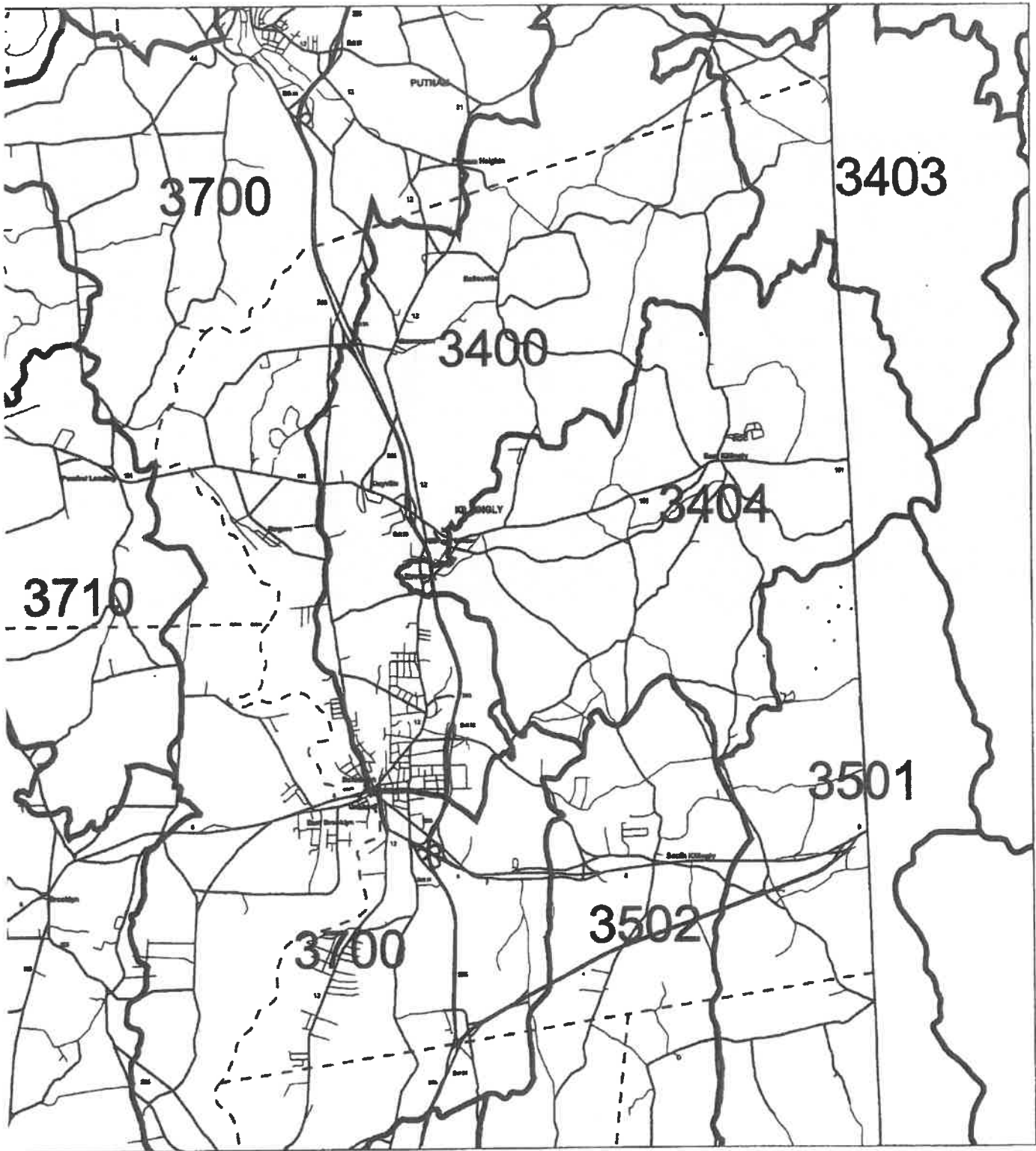
-  Subregional Basin
-  Main Road
-  Local Road
-  Town

0 0.5 1 1.5 2 Miles

July, 2000  
 DEP Inland Water Resources Division  
 Wetlands Management Section







**SUBREGIONAL DRAINAGE BASINS**  
**Statewide Inland Wetlands & Watercourses Activity Reporting Program**

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-  Subregional Basin
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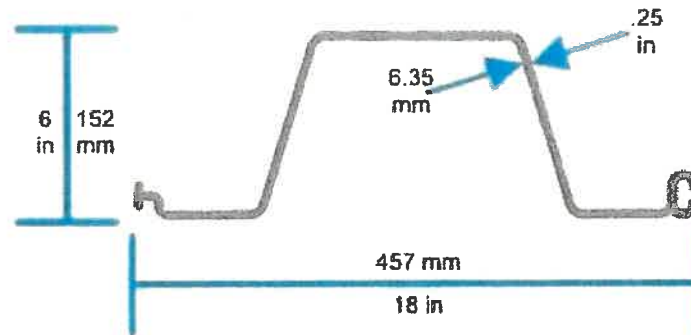
0 0.5 1 1.5 2 Miles

July, 2000

DEP Inland Water Resources Division  
 Wetlands Management Section







Constituent Material	PVC, Exterior Grade Rigid only	PVC, Exterior Grade Rigid only
Section Width (W)	18 inches	457 mm
Section Depth (D)	6 inches	152 mm
Section Thickness (T)	.250 inches	6.35 mm
Weight	4.9 lbs/lineal foot	7.1 kg/lineal meter
Moment of Inertia	27.4 in <sup>4</sup> /ft	3,742 cm <sup>4</sup> /m
Section Modulus	9.1 in <sup>3</sup> /ft	489 cm <sup>3</sup> /m
Ultimate Moment	4,929 ft-lbs/ft	2,263 kg-m/m
Allowable Moment	2,464 ft-lbs/ft	1,132 kg-m/m
Tensile Strength	ASTM-D638 6,500 lbs/in <sup>2</sup>	44.8 Mpa
Flexural Strength	ASTM-D790 11,140 Psi	78.0 Mpa
Modulus of Elasticity	ASTM-D790 380,000 Psi	2,620 Mpa
Notched Izod Impact	ASTM-D256 13.75 lbs/in	2.46 kg/cm
Heat Deflection Temperature	ASTM-D648 158 degrees F	70 degrees C

**Available Colors** Tidewall Vinyl Sheet Piling comes in a standard color of light gray, but it is also available in clay, slate and other custom colors upon request.

**UV Protection** All Tidewall Products are produced from highly weatherable, UV-stabilized rigid PVC.

**Lifetime Warranty** Tidewall Vinyl Sheet Piling products are covered by a transferable 60 year Limited Warranty that protects against manufacturing defects.

The information provided are nominal values and are believed to be accurate. To insure that you select the proper Tidewall Vinyl Sheet Piling product for your particular application, Tidewall recommends that you consult with a qualified local engineer and/or contractor. Tidewall makes no warranty of any kind as to the suitability of Tidewall Vinyl Sheet Pile for a particular application, or the results obtained therefrom. Tidewall Vinyl Sheet Piling is engineered for the sheet piling construction industry according to United States Army Corps of Engineers design guidelines and tested to ASTM material specifications.

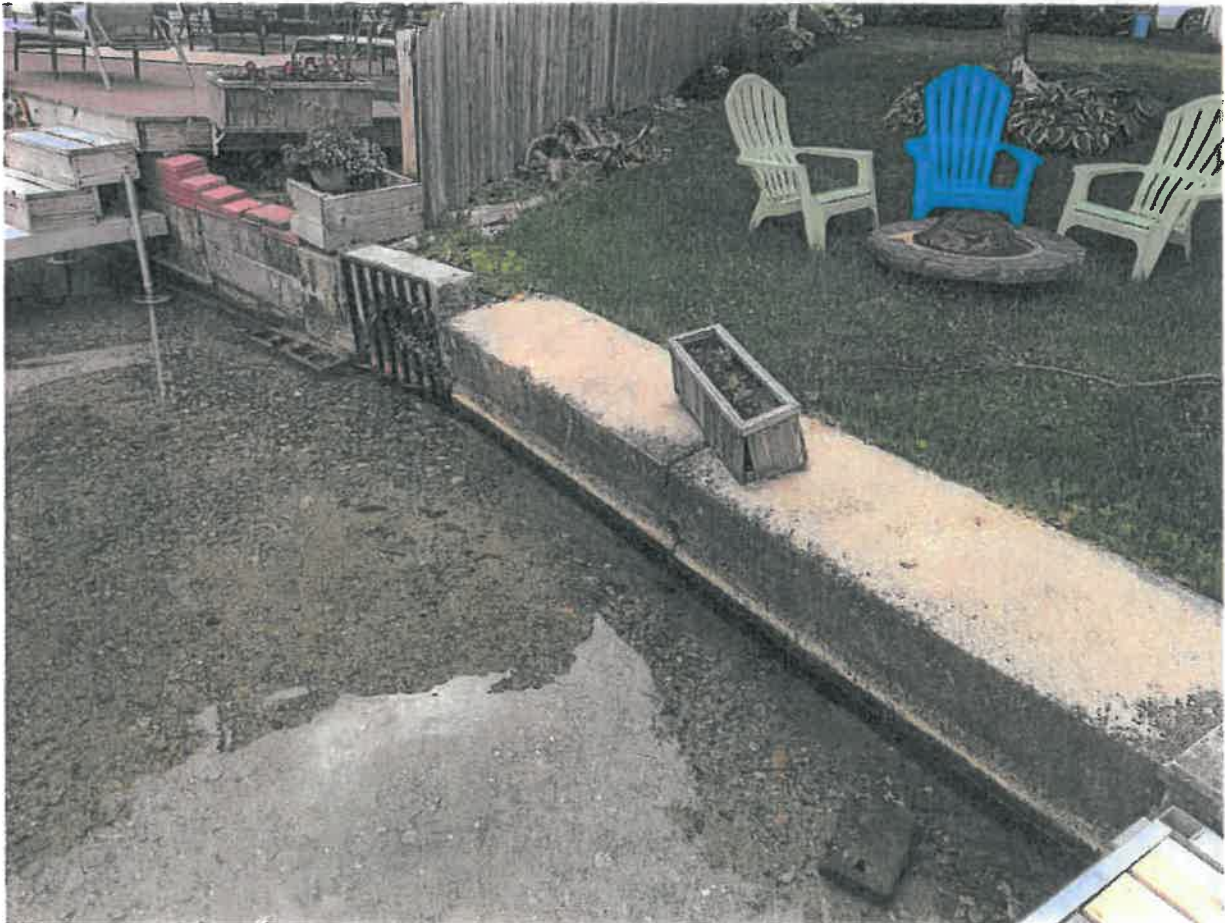




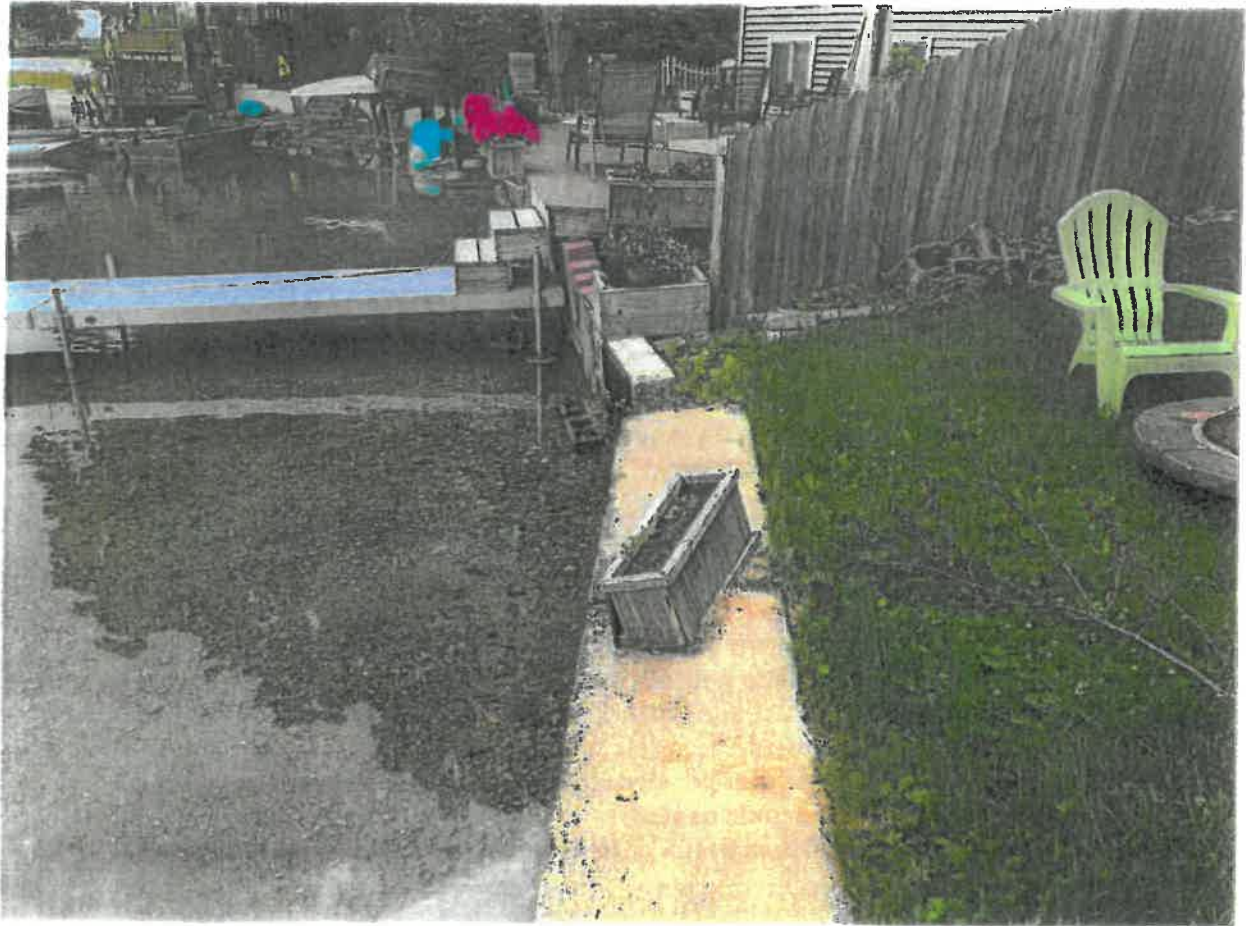


135 So Shore - 6/19/2020 - Existing Wall











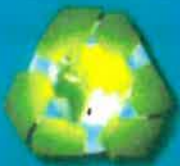


Sustainable Erosion Control Solutions  
You can trust!

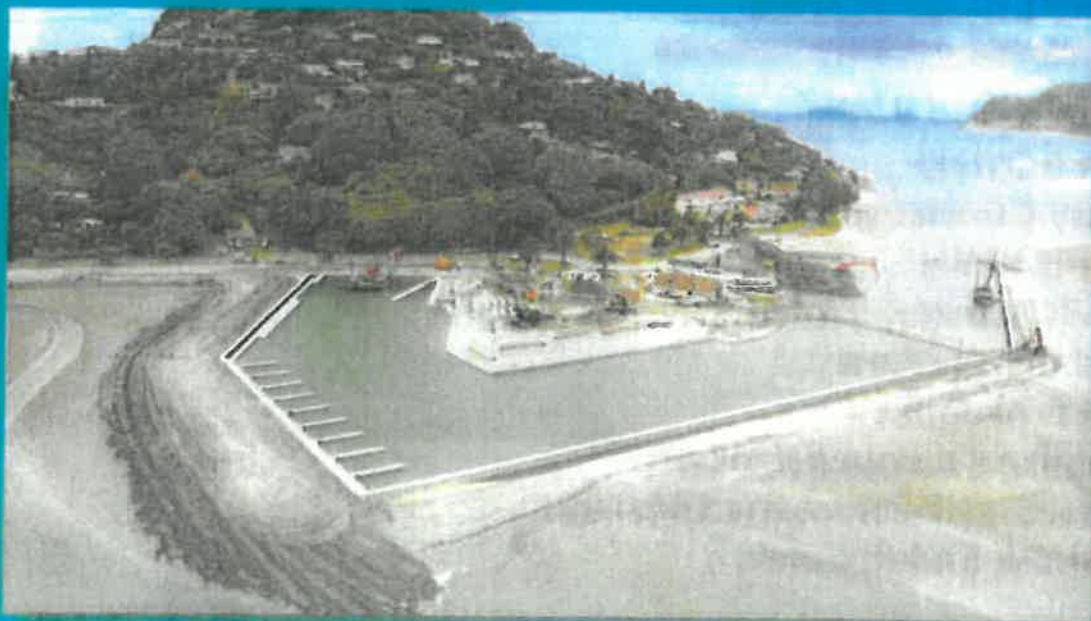
**TIDEWALL**



The best value in vinyl sheet piling



LONG LIFE  
COST EFFECTIVE  
RESISTANCE TO UV  
RAPID INSTALLATION  
ENVIRONMENTALLY FRIENDLY

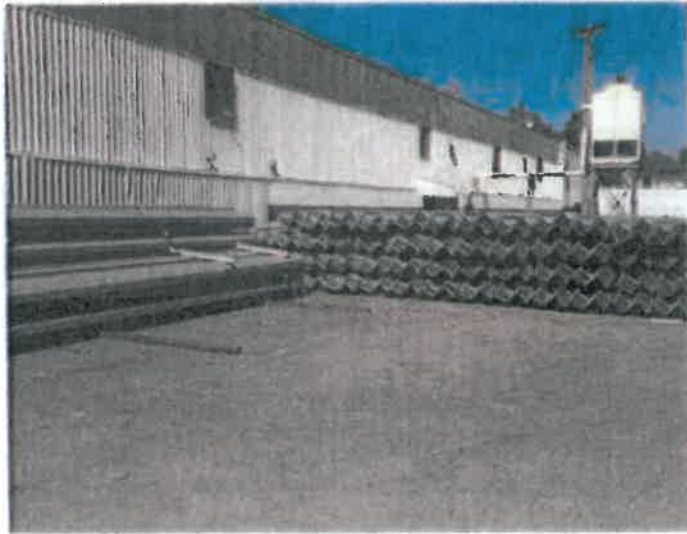




# TIDEWALL



## The best value in vinyl sheet piling



Tidewall vinyl sheet piling offers tremendous value to almost any sheet piling project. Much lower cost than steel or concrete alternatives, it is a strong, lightweight, UV and impact resistant, long-lasting product with major advantages. Tidewall does not rust, corrode, crack, or spall. Tidewall is inert, and friendly to the environment around it. Tidewall retains its structural integrity for decades, and is warrantied for 60 years.

For flood protection, erosion walls, seepage barriers, or retaining walls, Tidewall vinyl sheet piling can provide a permanent, high-value solution for your project.

## APPLICATIONS

- Dike and Flood Walls**
- Erosion Barriers**
- Highway Construction**
- Retaining Walls**
- Cut-off (seepage) Walls**
- Canal Containment**
- Marina Protection**
- Controlling Coastal Erosion**
- Temporary or Permanent Shoring**
- Canal Bank Stabilization**





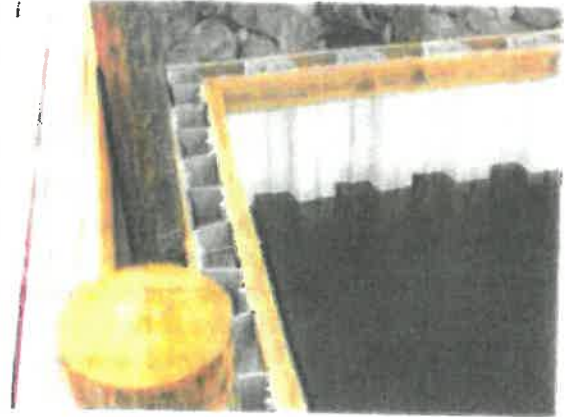
The best value in vinyl sheet piling

### About Tidewall

The Tidewall dream team was formed by the merger of the original vinyl seawall manufacturer, Bama Plastics; and a premier vinyl recycling company, Regenex Corporation.

Bama Plastics brings more than 20 years of contract sheet piling manufacturing to our partnership; more than any other company. In fact, you may be surprised to discover that several sheet piling suppliers don't even do their own manufacturing. Much of the sheet piling installed under another name was in fact originally produced under contract by Bama Plastics.

Regenex Corporation has been a leader in the vinyl recycling industry since 1992. Over the years, Regenex has supplied millions of pounds of premium recycled vinyl window compound to the vinyl sheet piling industry. Vinyl window compound is the best, most weatherable, impact modified compound for vinyl sheet piling. Other vinyl sheet piling suppliers may use lower grade siding, fencing, or pipe grade compounds.



The partnership of these two companies to form Tidewall offers tremendous benefits. We have the ability to completely control our quality, insuring a beautifully finished, premium quality wall. From the specification and sourcing of the raw material, to the careful processing and blending, to the state of the art extrusion, our quality is second to none.

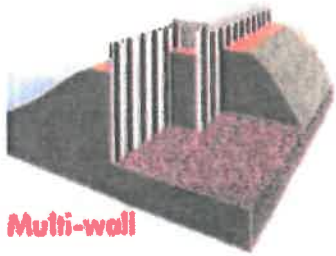
This vertical integration also gives us unmatched cost control. Because of this, we have made it our goal to make Tidewall sheet piling more affordable to you. We welcome price comparisons between Tidewall and other sheet piling products.

Tidewall vinyl sheet piling has been installed in many countries around the world, for flood walls, erosion protection walls, cut-off walls, etc. The combination of performance and low cost leads to our motto "THE BEST VALUE IN VINYL SHEET PILING".

One final comment: Bama Plastics and Regenex Corporation both built their reputations upon outstanding customer service, and that tradition continues with Tidewall. We bend over backwards to meet our customer's needs, and when we make a commitment, we will live up to it. You can count on it!



# APPLICATIONS



Multi-wall

## Dikes and Flood Walls

Tidewall is an excellent option for flood protection walls. Either as a stand-alone wall, or to increase the height of an existing dike, or in a terraced multi-wall system, Tidewall is a cost-effective solution to protecting flood prone areas.



Stand-alone

## Erosion Barriers



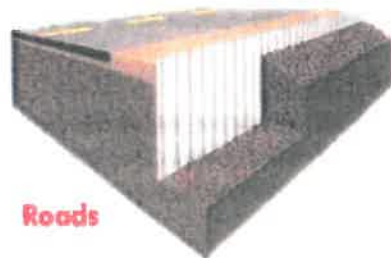
Navy Style

Tidewall has long been used to control erosion at the interface between land and water. Property located on lakes, canals, ponds, and other waterways is subject to erosion that can recede the shoreline. Tidewall provides a permanent solution that eliminates erosion, and improves the use and functionality of the property.



Cantilevered

## Road Construction

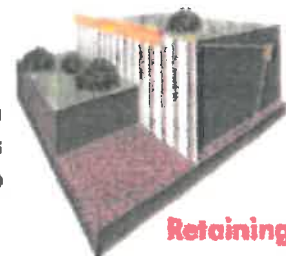


Roads

Tidewall can be used in several ways in road construction. First, for roads that are built across a slope, Tidewall has been used as a retaining wall to allow construction of a shoulder, and to diminish the gravitational stress on the roadbed. Second, it can be used as a cut-off or seepage wall to keep subterranean water away from bridge abutments and road supports.

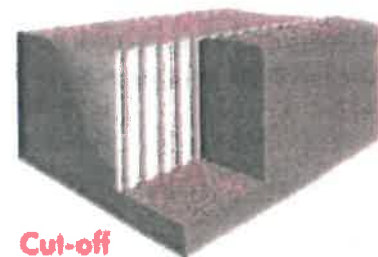
## Retaining Walls

Tidewall can be used as a retaining wall, either as a single wall or as a series to terrace a sloped surface, allowing more effective utilization of the land. Especially in applications where aesthetics are important, Tidewall retaining walls provide a superior alternative to steel or wood.



Retaining

## Cut-off (seepage) Walls



Cut-off

Tidewall can be used quite effectively to control the flow and seepage of subterranean fluid. Many applications, from the protection of structures, to the containment of landfill effluent, to wetlands management, can effectively utilize Tidewall vinyl sheet piling to create a barrier to underground fluid migration.

## Canal Containment

Managing and controlling water resources via canal structures is becoming more important in many areas. Tidewall offers an effective low-cost alternative for canal containment.



Containment



# BENEFITS



	TIDEWALL	Steel	Concrete	Wood
Cost	Low	High	Medium	Low
Weight	Light	Heavy	Extra Heavy	Medium
Resistance to Corrosion	High	Low	N/A	N/A
Resistance to Chemical & Sea Water Environment	High	Low	High	Low
Resistance to Cracking & Spalling	High	N/A	Medium	N/A
Warranty	60 Years	Varies	Varies	No
Environmentally Friendly	Yes	Yes	No	No
Locks	Yes	Yes	No	No
Aesthetics	High	Low	Medium	Medium
Installation	Easy	Easy	Difficult	Moderate
Design Flexibility	High	High	Moderate	High

**COST** - Tidewall vinyl sheet piling costs much less than the alternatives.

**WEIGHT** - Tidewall is much lighter and easier to ship and handle than any alternative.

**RESISTANCE TO CORROSION** - Unlike steel, Tidewall will not rust or corrode.

**RESISTANCE TO CHEMICAL & SEA WATER ENVIRONMENT** - Tidewall can be used in high salinity and many other corrosive environments.

**RESISTANCE TO CRACKING & SPALLING** - Unlike concrete, Tidewall will not crack or spall over time.

**WARRANTY** - Tidewall offers a 60 year transferrable warranty.

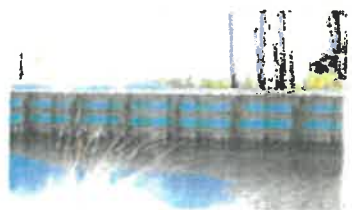
**ENVIRONMENTALLY FRIENDLY** - Tidewall is produced from 100% recycled rigid PVC compound. Further recycling of the material is also possible.

**LOCKS** - Tidewall locks are designed to allow the sheets to slide together smoothly, but remain locked together under load. It is possible to seal the locks to completely prevent moisture penetration.

**AESTHETICS** - Tidewall will maintain its appearance for many decades, unlike alternative materials.

**INSTALLATION** - Tidewall installs easily, using equipment and techniques commonly available.

**DESIGN FLEXIBILITY** - Graceful curves are possible, as well as clean, sharp corners, depending upon the project requirements.





Tidewall is manufactured from exterior grade highly weatherable,  
UV stabilized rigid PVC.

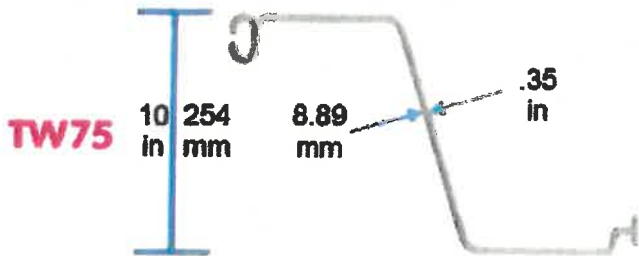
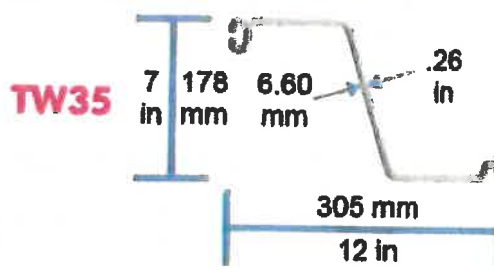
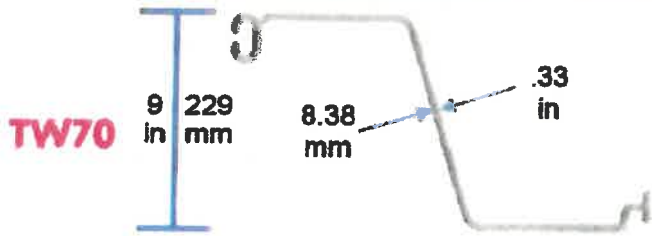
## Data Sheet

	UNIT	ASTM	TW25	TW30	TW35	TW50	TW70	TW75	TW80	TW85	TW95
Section Width (W)	mm	-	457	508	305	508	457	457	457	457	457
Section Depth (D)	mm	-	152	178	178	203	228	254	254	254	305
Flange Thickness (T)	mm	-	6.35	6.35	6.60	7.62	8.39	8.89	10.41	11.18	11.70
Weight	kg/m	-	7.10	8.05	5.07	9.41	8.91	10.28	11.58	12.06	13.25
Length (stock)	m	-	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
Moment of Inertia	cm <sup>4</sup> /m	-	3,742	5,653	5,708	9,655	12,008	17,698	19,241	22,709	32,179
Section Modulus	cm <sup>3</sup> /m	-	489	623	651	866	1,050	1,339	1,462	1,717	1,990
Ultimate Moment	kg-m/m	-	2,263	2,890	3,010	4,005	4,860	6,194	6,767	7,948	9,224
Allowable Moment	kg-m/m	-	1,132	2,890	1,505	2,002	2,430	3,097	3,383	3,980	4,612
Tensile Strength	Mpa	D638	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
Flexural Strength	Mpa	D790	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
Modulus of Elasticity (MD)	Mpa	D790	2,620	2,620	2,620	2,620	2,620	2,620	2,620	2,620	2,620
Notched Izod Impact Test	kg/cm	D256	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46
Heat Deflection Temp.	°C	D648	70	70	70	70	70	70	70	70	70

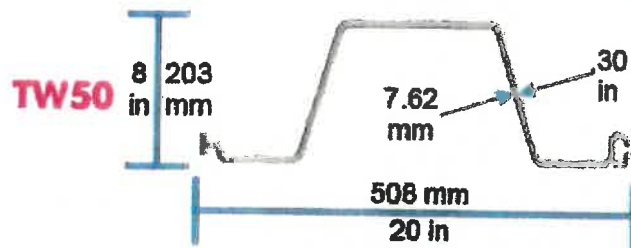
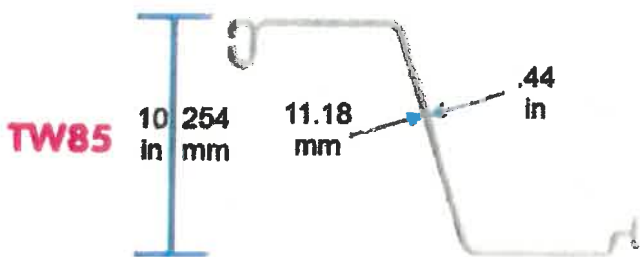
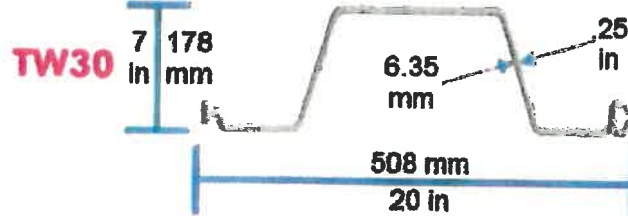
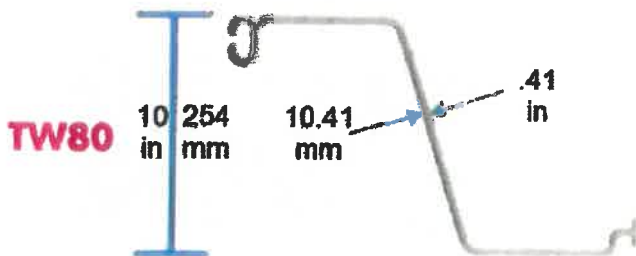
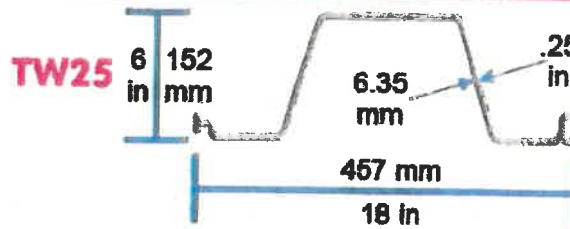
Tidewall Vinyl Sheet Piling is engineered for the sheet piling construction industry according to  
"United States Army Corp of Engineers design guidelines and tested to ASTM material specifications".

# PROFILES

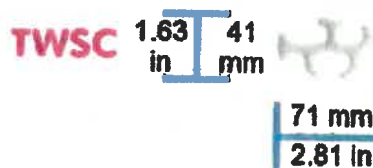
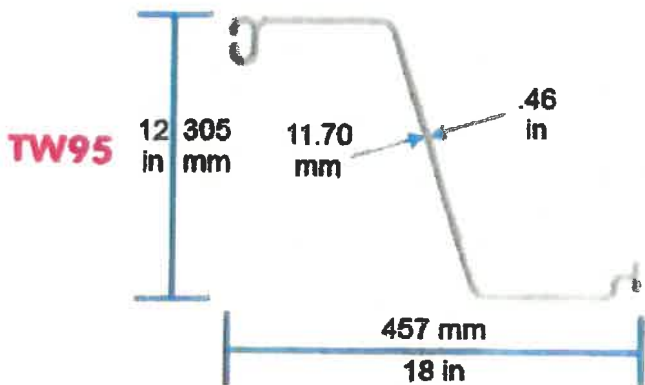
## Z Profiles



## Box Profiles



## Corner Profiles





# Engineering & Use of Tidewall

The use of Tidewall in any application should be done in compliance with engineering plans, drawings, and documentation. These should be developed and submitted for the particular project by a structural engineer or designer familiar with the materials and local site conditions. The application and installation of Tidewall should follow precisely these design specifications.

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## Installation

Tidewall is designed to be driven into the ground similar to steel sheet piles. Many different methods and equipment are used for driving Tidewall, but these are the most common driving methods.

### VIBRO HAMMER

A vibro hammer is used to lift the sheets, sometimes in tandem, and vibrate the sheets into the soil. Much lighter weight vibro hammers should be used for Tidewall than would be used for steel piling, however.



### PLATE COMPACTOR

In areas where the soil is moderately stiff or less, a plate compactor on a backhoe can drive Tidewall sheets smoothly and efficiently.

### COMPRESSION DRIVING

Where the soils are very soft, simple compression driving works well to install Tidewall sheets. The bucket of a backhoe is used to exert downward pressure on the sheets, pressing them smoothly into the ground. This method works better with the heavier Tidewall Sheets such as TW75 and above.



## Vietnam Flood Walls - Ho Chi Minh City, Vietnam



**Installation:** TW25, TW40, TW80  
**Linear Feet/Meters:** 5,300 Lineal Meters  
**Sheet Lengths:** Varied  
**Soil Conditions:** Sand/Silt, some clay  
**Existing Wall:** None  
**Contractor:** CNS Corporation  
**Design Engineer:** CNS Corporation  
**Installation Method:** Tracked Crane with Vibro Hammer



Tidewall was installed as a flood wall on several canals prone to flooding. The earthen dikes would erode and fail, allowing the flood waters to breach the dike. The Tidewall sheets were driven into the center of the dikes, with the wall projecting above the top of the dike to a specified height, providing a permanent solution to the flooding problems.

## Tairua Marina - Tauranga, New Zealand



**Installation:** TW80 Clay  
**Linear Feet/Meters:** 510 Lineal Meters  
**Sheet Lengths:** 5.4 and 6.4 Meters  
**Soil Conditions:** Sand  
**Existing Wall:** None  
**Contractor:**  
**Design Engineer:**  
**Installation Method:** Plate Compactor



Tidewall sheets were used to construct a secure, permanent wall around a new high-end marina in Tauranga, New Zealand. Tidewall was chosen for its combination of aesthetics, corrosion resistance, and low cost. Precast concrete sections were placed atop the wall, and the final result is a beautiful wall that will last for decades.

## Road Erosion - LaFourche Parish, LA



**Installation:** TW75  
**Linear Feet/Meters:** 960 Lineal Meters  
**Sheet Lengths:** 3 Meters  
**Soil Conditions:** 6' Organic soil above clay  
**Existing Wall:** None  
**Contractor:** Barriere Construction  
**Design Engineer:** Duplantis Design Group  
**Installation Method:** 315 Cat Excavator with flat press plate



Due to the extreme slope of the land, this road in Lafourche Parish in Louisiana was cracking and sliding down the slope, causing unsafe conditions and resulting in ongoing repair expenses. The problem was corrected using Tidewall TW75 in 3 meter long sheets, with approximately 2/3 meter of exposed height. This brought the shoulder of the road closer to the elevation of the road itself, relieving the stress on the asphalt and allowing permanent repairs to be made.

## Thailand Floodwall - Bangkok, Thailand



**Installation:** TW80  
**Linear Feet/Meters:** 250 Lineal Meters  
**Sheet Lengths:** 6 Meters  
**Soil Conditions:** Sand and Clay  
**Existing Wall:** Masonry Concrete behind  
**Contractor:** CLS  
**Design Engineer:** CLS  
**Installation Method:** Portable Pile Hammer



Tidewall was installed as a flood wall surrounding a valuable commercial installation. Thailand experienced a major flood in 2011, resulting in a need for cost-effective floodwalls throughout populated areas. Tidewall was an ideal solution; a 2 meter high wall finished with a steel reinforced concrete cap.

# Sustainable Erosion Control Solutions



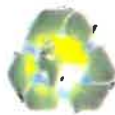
**The best value in vinyl sheet piling**

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## TIDEWALL - USA

Tidewall  
One New Street  
P.O. Box 608  
West Middlesex, PA. 16159, USA

Phone: 724-528-5900  
Fax: 724-528-5903  
email: [info@tidewall.com](mailto:info@tidewall.com)  
[sales@tidewall.com](mailto:sales@tidewall.com)  
Website: [www.tidewall.com](http://www.tidewall.com)



**Your Regional Distributor**

[www.tidewall.com](http://www.tidewall.com)



## Jonathan Blake

---

**From:** Joshua Geragotelis <Joshua.Geragotelis@ctwater.com>  
**Sent:** Tuesday, July 28, 2020 9:52 AM  
**To:** Jonathan Blake  
**Subject:** CT Water Well Field Improvements- Camp Quinebaug  
**Attachments:** BU012238 - Plainfield Well Field Tree Removal.pdf; Inland Wetlands Letter - Town of Killingly.docx

Jonathan,

Please see the attached letter and site plan regarding a well field project we are planning on getting to this Fall. We are ultimately going to be making treatment and structural improvements to the existing site in an upcoming project but, prior to that work, would like to remove a stand of pine trees that surrounds the buildings and is an obvious safety concern for us. This existing pine tree stand was once planted as a conifer buffer but was never properly maintained and now requires removal.

Please review the site plan and feel free to give me a call or email with any additional questions or comments. I would be happy to meet you on site if you would like to see the proposed work in person.

Thank you in advance,

***Josh Geragotelis***  
Engineering Associate – Facilities Construction  
Connecticut Water Company  
446 Smith Street  
Middletown, CT 06457  
Office: (860) 664-6254  
Cell: (203) 927-8271  
Email: [jgeragotelis@ctwater.com](mailto:jgeragotelis@ctwater.com)  
Website: [www.ctwater.com](http://www.ctwater.com)



Connecticut Water Company  
93 West Main Street  
Clinton, CT 06413-1600



Office: 860.669.8636  
Fax: 860.669.9326  
Customer Service: 800.286.5700

July 28, 2020

Mr. Jonathan Blake  
Killingly, CT - Inland Wetlands and Watercourses Commission  
Killingly Town Hall, 172 Main St, Danielson, CT 06239  
**Re: Plainfield Well Field Tree Removal (60 Taos Drive, Killingly, CT 06239)**

The Connecticut Water Company is proposing to remove an area of pine trees in close proximity to three existing well field buildings and submits the attached Construction Plan for Inland Wetlands Commission review. Our plans were developed to mitigate construction impact and ensure local inland wetlands are protected to the maximum extent practicable. While no local inland wetlands permit is required for our project (as discussed below), the Company will observe all reasonable construction mitigation recommendations of the Commission. Protection of our natural resources is consistent with our responsibility as a public service company and steward of the environment.

Section 16-235 of the Connecticut General Statutes (CGS) exempts from local wetlands jurisdiction any water utility infrastructure except water tanks. In pertinent part the statute provides that:

*no authority granted to any city or borough or a town planning, zoning, **inland wetland**, historic district, building, gas, water or electrical board, **commission** or committee created under authority of the general statutes or by virtue of any special act, **shall be construed to apply to so much of the operations, plant, building, structures or equipment of any public service company as is under the jurisdiction of the Public Utilities Regulatory Authority**, or the Connecticut Siting Council, **but zoning commissions and inland wetland agencies may, within their respective municipalities, regulate and restrict the proposed location of any** steam plant, gas plant, gas tank or holder, **water tank**, electric substation, antenna, tower or earth station receiver of any public service company not subject to the jurisdiction of the Connecticut Siting Council (emphasis added).*

Connecticut Water is a public service company and a "water company" as defined in Section 16-1 of the CGS under the jurisdiction of the Connecticut Public Utilities Regulatory Authority (PURA). Insofar as the nature of the proposed work is not an activity specifically enumerated in CGS Section 16-235, the Company respectfully requests that the Commission conclude the proposed activity as-of-right and that no local inland wetlands permit is required. As so noted, our goal is to ensure that construction is undertaken in accordance with best practices and we will incorporate any and all reasonable mitigation measures recommended by the Commission and/or staff in connection with this work to ensure that the local inland wetlands are protected to the maximum extent practicable.

Sincerely,

A handwritten signature in black ink that reads "Josh Geragotelis".

Josh Geragotelis  
Engineering Associate – Facilities Construction

Cc: James Casagrande







July 17, 2020

Municipal Commissions of Brooklyn, Killingly, and Plainfield

**RE: Request for Authorization under the General Permit  
Gallup-Plainfield and Plainfield-Crystal Interconnections  
Plainfield and Killingly, Connecticut  
MMI #1573-74**

Dear Commissions:

On behalf of the Connecticut Water Company, Milone & MacBroom, Inc. has submitted two related applications to the Connecticut Department of Energy & Environmental Protection (DEEP) for separate water diversion permits for public water supply interconnections. The requested permits will provide critical source redundancy for the Gallup System, Plainfield System, and Crystal System.

Your commission is receiving a copy of the application as your community is, or may be, affected by the subject activity. As noted in Section C, Page 1 of the enclosed copy of each application, municipal agencies (and any other person) may submit written comments to DEEP concerning the activities described herein.

Please contact the undersigned if you have any questions.

Sincerely,

MILONE & MACBROOM, INC.

A handwritten signature in black ink, appearing to read "S. Bighinatti", written over a horizontal line.

Scott J. Bighinatti, MS, CFM  
Lead Environmental Scientist

Enclosures

1573-74-jl1620-2-ltr.doc

## **STAFF REPORT**

### **GENERAL INFORMATION: Unpermitted Work at 1528 North Road**

**SUMMARY:** Property of interest at 1528 North Road; GIS Map 27; Lot 12; 1.2 acres; Rural Development Zone.

Complaint received regarding unpermitted work being conducted within a wetland. On 07/20/2020, staff met onsite with the property owner and contractor, and documented the work that was done; two sub-surface drains were installed, running west to east across the yard, into the brook. The drainage system consists of two trenches, approximately 24" wide and running an estimated 75 feet and 30 feet respectively, each containing a 4" corrugated perforated piping wrapped in a filter sock, topped with gravel. The trench terminates at the bank of the brook, allowing the drainage pipe to outlet into the brook. Grading and soil disturbance occurred on approximately 0.3 acres of mapped hydric soils. Staff directed property owner to have the disturbed areas seeded immediately with a conservation mix, to reduce potential for erosion and sedimentation. Pictures show the upper yard, west of the brook, to be hydro-seeded as of 07/20, and area east of the brook is shown disturbed, graded, and not seeded.

**PURPOSE:** To remove water from the yard and allow the property owner to better establish and maintain a lawn.

**OWNER:** Maria Pepin

**PARCEL ID:** GIS Map 27 – Lot 12

**LOCATION:** 1528 North Road

**ZONING:** Rural Development Zone

**REPORT BY:** Marina Capraro, Assistant Planner / Natural Resources Officer

### **RECOMMENDATION:**

Staff is in contact with property owner and contractor and seeks Commission direction on how to proceed with enforcement of wetland regulations.



II. Details of shorter (approx. 30 ft) drainage system



I. Details of longer (approx. 75 ft) drainage system



III. Hydro seeded area west of brook





IV. Disturbed area east of brook



V. Facing north, positioned east of brook



# 1528 North Road with Contour Lines

Killingly, CT



Precision Mapping. Geospatial. Right.

1 inch = 50 Feet



July 31, 2020



	PROPERTYLINE
	ROAD
	10' Intervals
	2' Intervals

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.



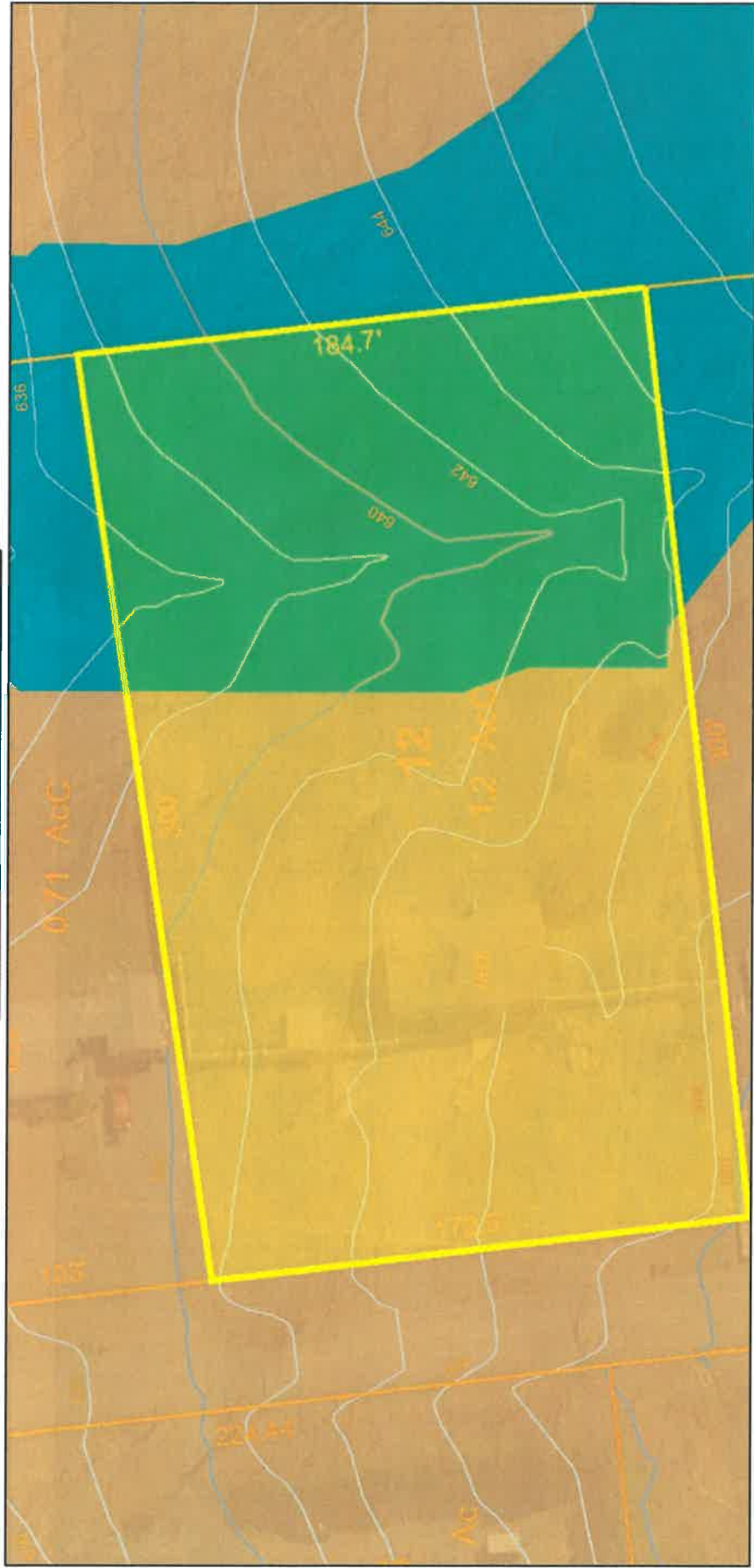


# 1528 North Road

## Displaying Mapped Hydric Soils



July 31, 2020



	PROPERTYLINE		HYDRIC SOILS
	ROAD		NON-HYDRIC SOILS
	10' Intervals		
	2' Intervals		

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# 1528 North Road

Aerial Depiction of Unpermitted Work

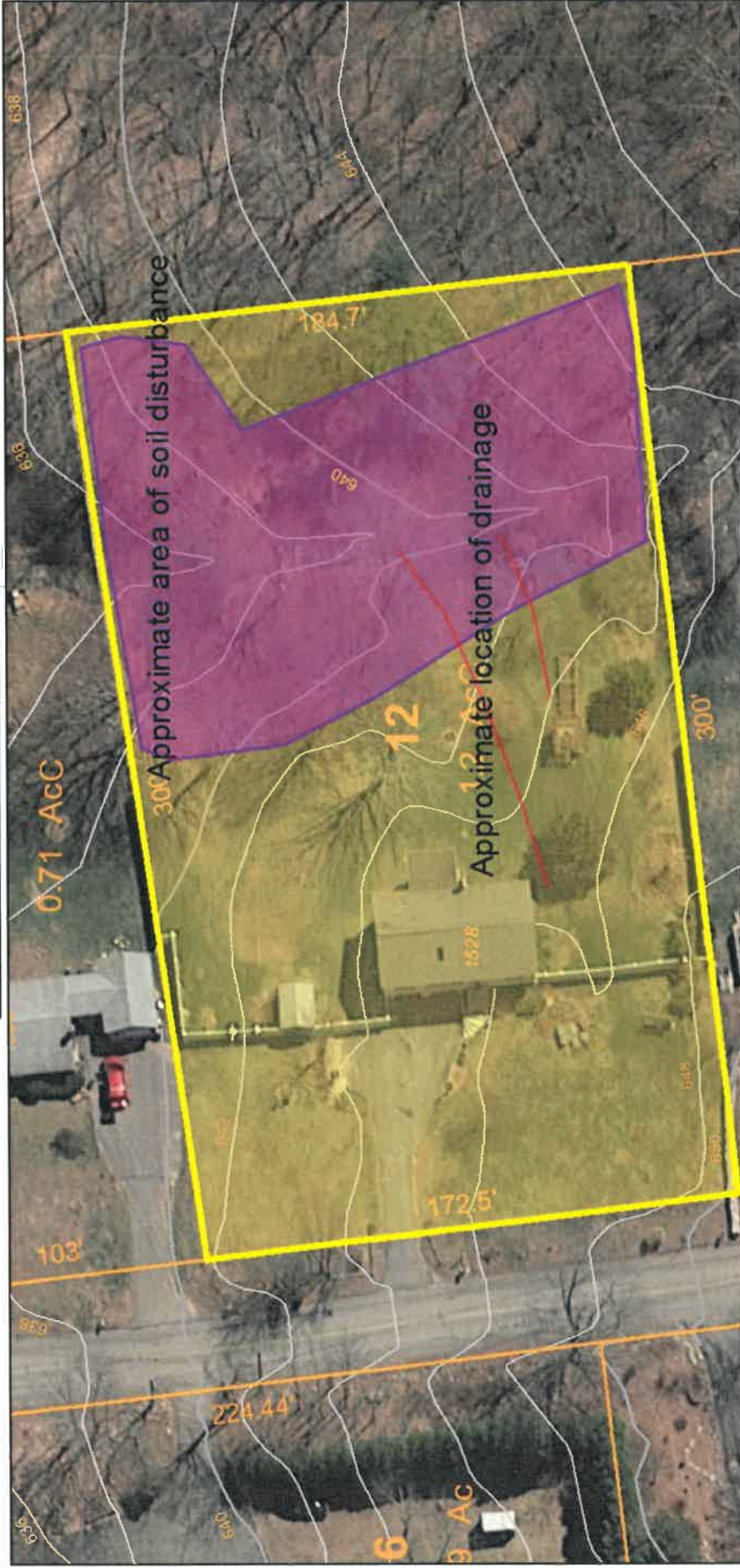


Prevision, Measure, Govern, Sustain

1 inch = 50 Feet



July 31, 2020



	PROPERTYLINE
	ROAD
	10' Intervals
	2' Intervals

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.

## **STAFF REPORT**

### **GENERAL INFORMATION: Unpermitted Work at 105 Mashentuck Road**

**SUMMARY:** Property of interest at 105 Mashentuck Road; GIS Map 183; Lot 7.1; 13.5 acres; Rural Development Zone.

Complaint received regarding the construction of bridge across a wetland, visible from the road. On 07/10, staff met on site with property owner to document the unpermitted work that was conducted. The structure is a small bridge with limited weight capacity, which was constructed over/through the wetland so that the owner's children could access the rear portion of the property to use their go-carts. The bridge's footings were placed on top of either existing rocks or cinder blocks placed within the wetland. Approximately 2 yards total of material was placed at the abutments of the bridge.

**PURPOSE:** To access rear portion of property for recreational purposes.

**OWNER:** James & Jessica Bibeau

**PARCEL ID:** GIS Map 183 – Lot 7.1

**LOCATION:** 105 Mashentuck Road

**ZONING:** Rural Development Zone

**REPORT BY:** Marina Capraro, Assistant Planner / Natural Resources Officer

### **RECOMMENDATION:**

Staff believes impact to wetlands is minimal but seeks Commission input.



I. Bridge footing shown on cement tile



II. Bridge, approximately 4 feet in width, crossing the wetland





III. Material fill at bridge abutments



IV. Bridge footing shown on existing rock





# 105 Mashentuck Road

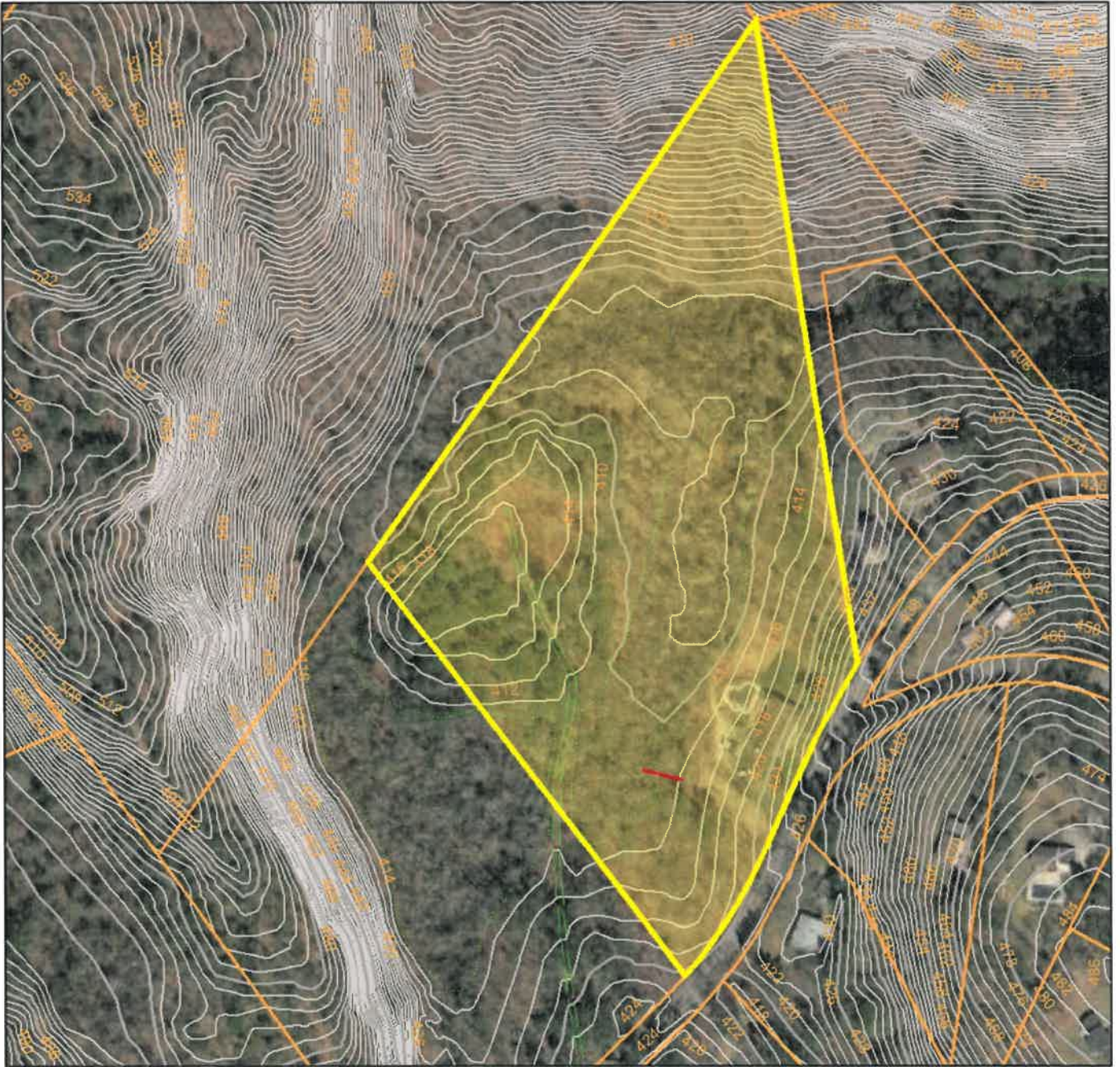
Aerial Dipiction of Unpermitted Work



1 inch = 225 Feet



July 31, 2020



Street Names	TRAIL
PROPERTYLINE	WETLAND
ROAD	10' Intervals
Property Hook	2' Intervals

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.





# 105 Mashentuck Road

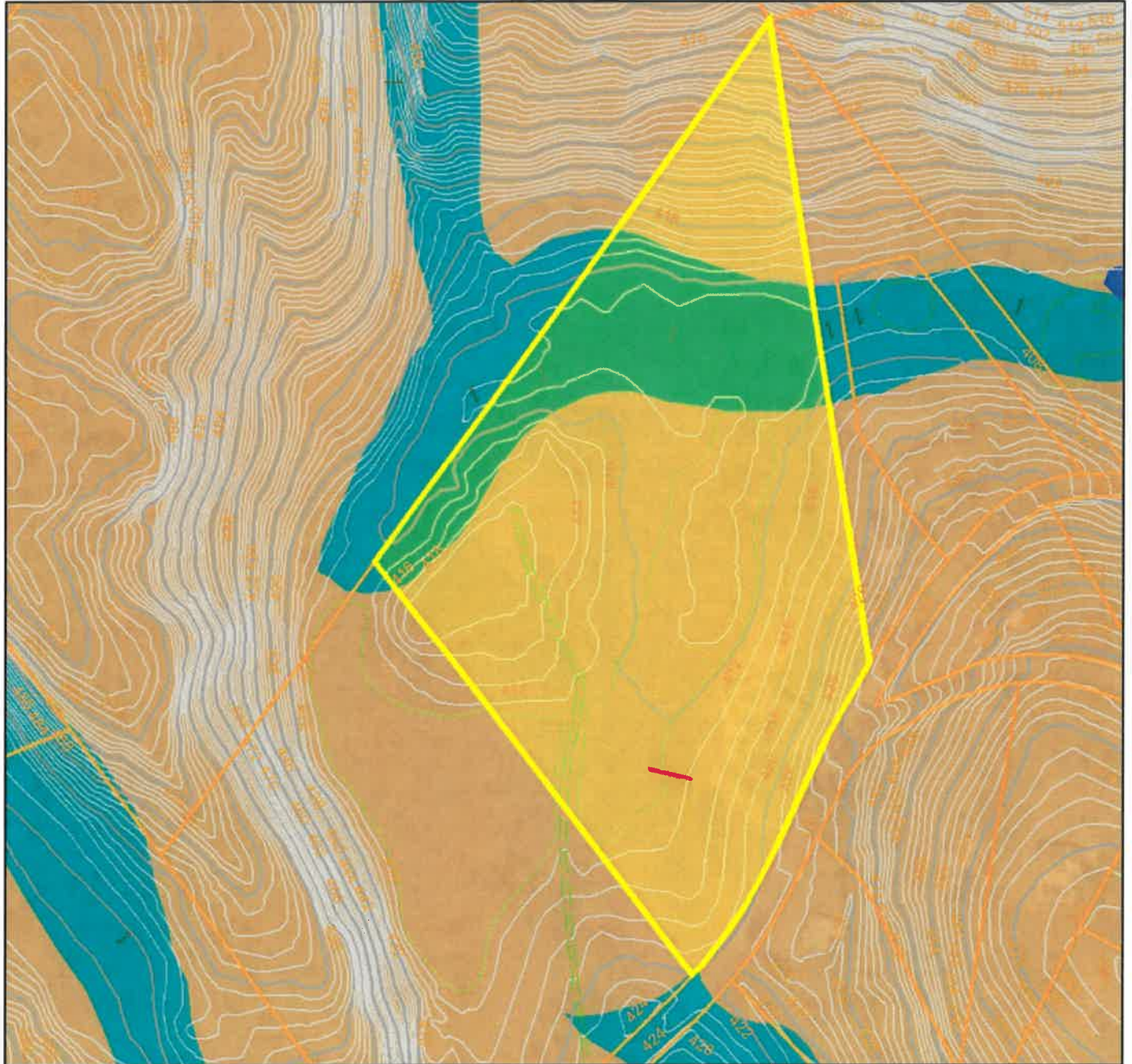
Mapped Hydric Soils



1 inch = 225 Feet



July 31, 2020



Street Names	TRAIL	HYDRIC SOILS
PROPERTYLINE	WETLAND	NON-HYDRIC SOILS
ROAD	10' Intervals	WATER
Property Hook	2' Intervals	

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.



