

PLANNING AND ZONING COMMISSION AGENDA PUBLIC HEARING / REGULAR MEETING – VIRTUAL March 12, 2024 at 7:00 P.M.



Planning and Zoning Commission
Mar 12, 2024, 7:00 – 10:00 PM (America/New York)

Please join my meeting from your computer, tablet or smartphone.

https://meet.goto.com/719054749

You can also dial in using your phone. Access Code: 719-054-749 United States: +1 (312) 757-3121

Get the app now and be ready when your first meeting starts:

https://meet.goto.com/install

PUBLIC HEARING

<u>Petition 2023-10</u> – Petition of Roderic A. McCorrison to create a five (5) lot resubdivision of a 26.98-acre split lot owned by David G. Ellenberg, Parcel #12-18 Church St, Neighborhood Commercial and Residence-1 District.

<u>Petition 2024-01</u>—Petition of Town of Hebron to construct a pedestrian bridge and sidewalk connection between the Douglas Library of Hebron and Pendleton Drive. Application is filed pursuant to Sections 3.A.3.4.1 and 3.B.2.5.1 of the Hebron Zoning Regulations, Hebron Green and Main Street Districts.

<u>Petition 2024-03</u> - Petition of John A. Bond, Jr., for a Special Permit to install a temporary storage structure in accordance with 2.D.11.3 of the Hebron Zoning Regulations on premises located at Parcel #35-15 East St, Residence-1 District.

REGULAR MEETING

- I. Call to Order / Roll Call
- II. Approval of Minutes
 - A. February 27, 2024 Regular Meeting
- III. Recognition of Guests / Public Comments (non-Agenda items)

 The Planning and Zoning Commission will accept public comment regarding the 2024

 Plan of Conservation and Development Draft, available for review at

 https://hebronct.com/town-departments/planning-development/2014-plan-update/

PLANNING AND ZONING COMMISSION AGENDA

PUBLIC HEARING / REGULAR MEETING – VIRTUAL March 12, 2024 at 7:00 P.M.

- IV. Action on Pending Applications
 - A. <u>Petition 2023-10</u> Petition of Roderic A. McCorrison to create a five (5) lot resubdivision of a 26.98-acre split lot owned by David G. Ellenberg, Parcel #12-18 Church St, Neighborhood Commercial and Residence-1 District
 - B. <u>Petition 2024-01 and 2024-02</u> Petition of Town of Hebron to construct a pedestrian bridge and sidewalk connection between the Douglas Library of Hebron and Pendleton Drive. Application is filed pursuant to Sections 3.A.3.4.1 and 3.B.2.5.1 of the Hebron Zoning Regulations, Hebron Green and Main Street Districts
 - C. <u>Petition 2024-03</u> Petition of John A. Bond, Jr., for a Special Permit to install a temporary storage structure in accordance with 2.D.11.3 of the Hebron Zoning Regulations on premises located at Parcel #35-15 East St, Residence-1 District
 - D. <u>Petition 2024-05</u> Petition of Jim R. Celio to amend the Hebron Zoning Regulations Section 3.F.2.4 to permit single-family dwellings in the Commercial Technology District. *A Public Hearing is scheduled for April 9*, 2024.
- V. Old Business No Old Business
- VI. New Business
 - A. New Applications No New Applications
 - B. Set Public Hearing Date
 - C. Other New Business
- VII. <u>Correspondence</u>
 - A. Email dated 3/5/2024 from Lillian Rhodes to Matthew Bordeaux
- VIII. Public Comment (non-Public Hearing applications)
 - IX. Adjournment

Next Meeting: March 26, 2024 Regular Meeting

April 9, 2024 Public Hearing / Regular Meeting

TOWN OF HEBRON PLANNING AND DEVELOPMENT DEPARTMENT

TO: Planning and Zoning Commission

FROM: Matthew Bordeaux, Town Planner

DATE: March 7, 2024

RE: Planner's Report for March 12, 2024 Meeting

Action on Pending Applications

<u>Petition 2023-10</u> – Petition of Roderic A. McCorrison to create a five (5) lot resubdivision of a 26.98-acre split lot owned by David G. Ellenberg, Parcel #12-18 Church St, Neighborhood Commercial and Residence-1 District

The Commission received a new application for resubdivision at their December 12, 2023 meeting. The Hebron Conservation Commission approved an Inland Wetlands Permit with conditions at a Special Meeting on February 22, 2024. A memo dated March 6, 2024 and associated attachments are included in the Agenda Packet for your review of the proposed resubdivision.

<u>Petition 2024-01 and 2024-02</u> – Petition of Town of Hebron to construct a pedestrian bridge and sidewalk connection between the Douglas Library of Hebron and Pendleton Drive. Application is filed pursuant to Sections 3.A.3.4.1 and 3.B.2.5.1 of the Hebron Zoning Regulations, Hebron Green and Main Street Districts.

The proposed project is called for in <u>The Hebron Center Plan</u>, adopted in 2016 (see page 30). For those of you unfamiliar, you can view a copy of <u>The Hebron Center Plan</u> at the following link: https://hebronct.com/uploads/2018/11/The-Hebron-Center-Plan.pdf

The Hebron Conservation Commission approved an Inland Wetlands Permit associated with the proposed activity at their meeting on February 8, 2024. The project has also been referred to the Hebron Historic Properties Commission on January 10, 2024. A memo dated March 7, 2024 is included in the Agenda Packet with attachments for your review.

Town Engineer Thomas H. Fenton, P.E., will be present at the meeting to discuss the project with the Commission.

<u>Petition 2024-03</u> – Petition of John A. Bond, Jr., for a Special Permit to install a temporary storage structure in accordance with 2.D.11.3 of the Hebron Zoning Regulations on premises located at Parcel #35-15 East St, Residence-1 District.

A memo dated March 6, 2024 is included in the Agenda Packet for your review.

<u>Petition 2024-05</u> – Petition of Jim R. Celio to amend the Hebron Zoning Regulations Section 3.F.2.4 to permit single-family dwellings in the Commercial Technology District. *A Public Hearing is scheduled for April 9, 2024. No action is necessary at this time.*

<u>Old Business</u> – There is no old business to consider at this time.

New Business

There are no new applications for the Commission's receipt and no Public Hearings that need to be scheduled.

Other New Business

Correspondence

I've received an email dated 3/5/2024 from Lillian Rhodes. I told Ms. Rhodes that I have posted the draft "Town of Hebron, CT 2024 Plan of Conservation and Development" on the Town of Hebron's website. I am happy to take the Commission's direction on this, but I feel that rather than make revisions with every public comment, we should leave the draft up as it is and we can consider revisions immediately prior to or immediately following the Public Hearing on May 14, 2024.

MRB

 $\label{lem:hammers} $\operatorname{H:\operatorname{Matt}\ Boards\ \&\ Commissions\ PZC\ 2024\ Planners\ Report. docx}$$ Attachments$

TOWN OF HEBRON PLANNING AND DEVELOPMENT DEPARTMENT

TO: Planning and Zoning Commission

FROM: Matthew R. Bordeaux, Town Planner

DATE: March 6, 2024

RE: Petition 2023-10 – Petition of Roderic A. Mccorrison to create a five (5) lot

resubdivision of a 26.98-acre split lot owned by David G. Ellenberg, Parcel #12-18

Church St, Neighborhood Commercial and Residence-1 District.

Introduction

Parcel #12-18, referred to as the Ellenberg Property, after the owner's last name, is a 26.98-acre parcel located at the northwest corner of intersection of Church St (CT Route 85) and Old Colchester Rd. Single-family residential lots exist to the north, west and southwest of the subject lot. Immediately opposite the frontage on Church St are a handful of active commercial enterprises abutted on the north and south by single-family residences. The subject lot wraps around an existing single-family house lot at 4 Old Colchester Rd.

The subject parcel is comprised of areas in two zoning districts. Three parcels (Lots #2-4) are proposed to be created in the portion of the property in the Neighborhood Convenience (NC) District. As described in Section 3.D of the Hebron Zoning Regulations, the purpose of this district is to provide limited, low-intensity convenience uses to serve concentrations of residents in the immediate vicinity. All uses permitted in Section 3.D.2 require Special Permit approval from the Planning and Zoning Commission.

Two additional parcels are proposed in the Residence 1 (R-1) District designed to surround the proposed parcels in the NC District. Lot #1 identified on the plans titled "Ellenberg Subdivision" is proposed to be 13.75 acres (599,138 S.F.) in area and Lot #5 is proposed to be 6.56 acres (285,657 S.F.).

Hebron Subdivision Regulations

As provided in Section 3.1 of the Hebron Subdivision Regulations, "No owner or agent of the owner of any land located within the Town of Hebron shall transfer or sell, or agree to sell or negotiate to sell any land from, and no building permit for the construction of any structure, utilities or public improvements shall be issued for, a proposed subdivision before the final plan of such subdivision has been approved by the Commission and recorded or filed in the Office of the Hebron Town Clerk." With this is mind, Town staff and the Commission must acknowledge that, at least as it applies to the three proposed lots in the NC District, Site Plan permit applications will be required for each future proposal. Therefore, while it is anticipated that the plan for the development of each site is subject to change, the proposal represents the development potential in conformance with the Hebron Subdivision Regulations. The relevant aspects of the Design Criteria of Section 6 of the Hebron Subdivision Regulations are listed below.

<u>Lots</u> - All proposed lots have been designed in compliance with the dimensional requirement of the Hebron Zoning Regulations.

<u>Streets</u> – There are no streets proposed. There are no known deficiencies with Church St that would necessitate the applicant or future owner/developer to make improvements in order to gain access to the proposed lots. The applicant has stated that there exists adequate sight distance at the proposed curb cuts.

As stated above, each future site development proposal will require subsequent review. This will include a review by the State of Connecticut Department of Transportation for activity in the State-owned right-of-way through which access to each proposed lot is proposed. It is not typical for the State to review proposed activity unless it is associated with a specific site development plan, however it cannot be said with certainty that the State will approve each curb cut as proposed.

Storm Drainage - The applicant has provided a Drainage Report prepared by Mark A. Reynolds, P.E. of Reynolds Engineering Services, LLC, in accordance with Section 5.5 of the Hebron Subdivision Regulations. Mr. Reynolds states that "The establishment of grass over the majority of the proposed development area will maintain peak discharges and volume of runoff at or below pre-development conditions for storm events up to 100-year event, thus minimizing impacts to areas downstream. The proposed development will not adversely impact the drainage of the surface runoff on the site or in the surrounding area." The Final Drainage Design Report (Revised 2/16/2024) is attached for your review.

Review letters prepared by Thomas H. Fenton, P.E., the Town of Hebron's consultant engineer are attached for your review. In the letter dated February 20, 2024, Mr. Fenton states "The above noted submitted items have been revised to address the comments of our January 26, 2024 review letter. Based on our review of these items, along with email correspondence from the applicant's engineer and discussion with you as to items presented at the Conservation Commission continued Public Hearing of February 8, 2024, we can now confirm that our previous review comments have been adequately addressed."

In their decision regarding the associated Inland Wetlands Permit Petition #2023-04, the Conservation Commission included as a condition of approval the recommendation that the Planning and Zoning Commission thoroughly evaluate the management of stormwater during future site development planning. The Conservation Commission Notice of Decision dated February 23, 2024, is attached.

Erosion & Sedimentation Controls – The "Site Development Plan", Sheet No.: 3 of 4, dated December 1, 2023, revised 1/31/2024, depicts erosion and sedimentation control measures downgradient of the disturbed areas associated with development of the proposed lots. An additional row of protection is depicted adjacent the existing treeline, westerly of the proposed development area. The reason for this is that the applicant has represented in the Drainage Report that the conversion of the agricultural field to established grassed turf will constitute an improvement of stormwater drainage, however to do so deliberately will require at least some degree of disturbance of the existing condition, potentially aggravating the soil. Therefore, some protection at the extent of the disturbed area should be provided until turf is established in a manner represented by the applicant.

<u>Water Supply and Sewage Disposal</u> – Private water supply will be provided on each lot. As proposed, the development areas of each lot are positions within the sewer district and 8-inch PVC pipes are proposed to connect to the existing service located in Church St. The Water Pollution Control Authority Administrator will be included in the staff review of each subsequent Site Development plan.

<u>Open Space</u> - In accordance with Subsection 6.10.H of the Hebron Subdivision Regulations, the applicant proposes to pay a fee to the Town in lieu of the full requirement to provide open space as set forth in this section. An email from the applicant, Roderick McCorrison, dated 11/29/2023 and an <u>Appraisal Report</u>, dated 10/16/2023, prepared by Dennis A. Chanski, SRA, are attached for your review.

As set forth in Connecticut General Statutes Section 8-25, the Commission may authorize the applicant to pay a fee to the Town, when it determines that conditions are such that an on-site open space is not as desirable as a fee-in-lieu of open space. Such a fee shall be equal to not more than ten percent (10%) of the fair market value of the land to be subdivided prior to the approval of the subdivision.

The <u>Appraisal Report</u> evaluates a 5.32-acre portion of the 26.98-acre parcel for the purpose of developing its market value for open space and summarizes that the area is unbuildable and therefore its "Highest & Best Use" is as surplus land to an abutter. This is not the procedure for the determination of the fee-in-lieu amount, so while a fee-in-lieu may be in the Town's best interest, the appraisal will need to be revised to determine the accurate amount.

In its approval of the associated Inland Wetlands Permit, the Conservation Commission recommended the Planning and Zoning Commission accept the applicant's payment of fee-in-lieu of the open space requirement. See the Conservation Commission's Notice of Decision dated February 23, 2024, attached.

Comment: The subject parcel is essentially bisected by wetlands. Development of much of the parcel is impracticable and regulated pursuant to the Hebron Inland Wetlands and Watercourses Regulations, therefore, open space of the majority of the site is likely to occur naturally, with or without the imposition of the open space requirement. A fee-in-lieu of open space would better serve the Town of Hebron. Therefore, should the Commission agree, the Commission could consider permit approval with a condition that the <u>Appraisal Report</u> be revised to accurately determine the amount of the fee and payment made pursuant to Subsection 6.10.H.3 of the Subdivision Regulations.

Street Trees and Stone Walls – The proposed development area of each lot faces Church St. The property frontage on Church St consists of trees and a stone wall reminiscent of many agricultural fields where stones removed from the agricultural fields were piled at the perimeter of arable land and aggressive, emergent vegetation proliferates. While the condition provides a buffer between the field and street, it is unsightly and likely incompatible with future commercial development. The Commission may find it appropriate to consider future development proposals before determining what is the best condition of these features along the road frontage.

Comment: Rather than use of a conservation easement under these circumstances, I recommend the Commission consider a condition that the provision of street trees and future use of the existing stone wall be considered when specific development proposals are made for each lot.

Hebron Zoning Regulations

Section 3.D.4 and 5 of the Hebron Zoning Regulations outline "Dimensional Standards" and "Additional Standards", respectively, applicable to development in the NC District. Lots #2-4 proposed are designed to be in compliance with the Dimensional Standards of Section 3.D.4. While no specific proposal is being presented to the Commission, some familiarity with the standards should help inform what is the development potential of the lots proposed. Copies of Sections 3.D.4 and 5 are attached for your review.

Inland Wetlands Permit

At a Special Meeting on February 22, 2024, the Hebron Conservation Commission approved Inland Wetlands Permit #2023-04 with conditions. The approval letter dated February 23, 2024, is attached for your review. The Conservation Commission's decision included recommendations to the Planning and Zoning Commission in the form of conditions. Those recommendations are addressed elsewhere in this memo under applicable subject headings.

Town Staff Review

The application was reviewed by Town staff for completeness and satisfaction of applicable standards and regulations. As stated above, the resubdivision application presented some challenges to Town staff because while the proposal satisfies minimum standards, it is unlikely to demonstrate the real development potential, or ultimate development plan, at least as it applies to the lots in the NC District since the lots cannot be marketed until the resubdivision approval is granted. Therefore, a prospective owner or developer would be risking significant expenditures in plan preparation with no assurances that the lots are in fact available.

That being said, as the development potential of the parcel is severely limited by naturally occurring, environmental conditions, the proposal as provided represents a potential development plan that is consistent with the Hebron Subdivision Regulation and the Hebron Zoning Regulations, as applicable.

Review letters from Town Engineer Thomas H. Fenton, P.E. are attached for your review.

Waivers

No waivers are requested by the applicant or recommended by Town staff.

Standard Conditions of Approval for the Commission's Consideration:

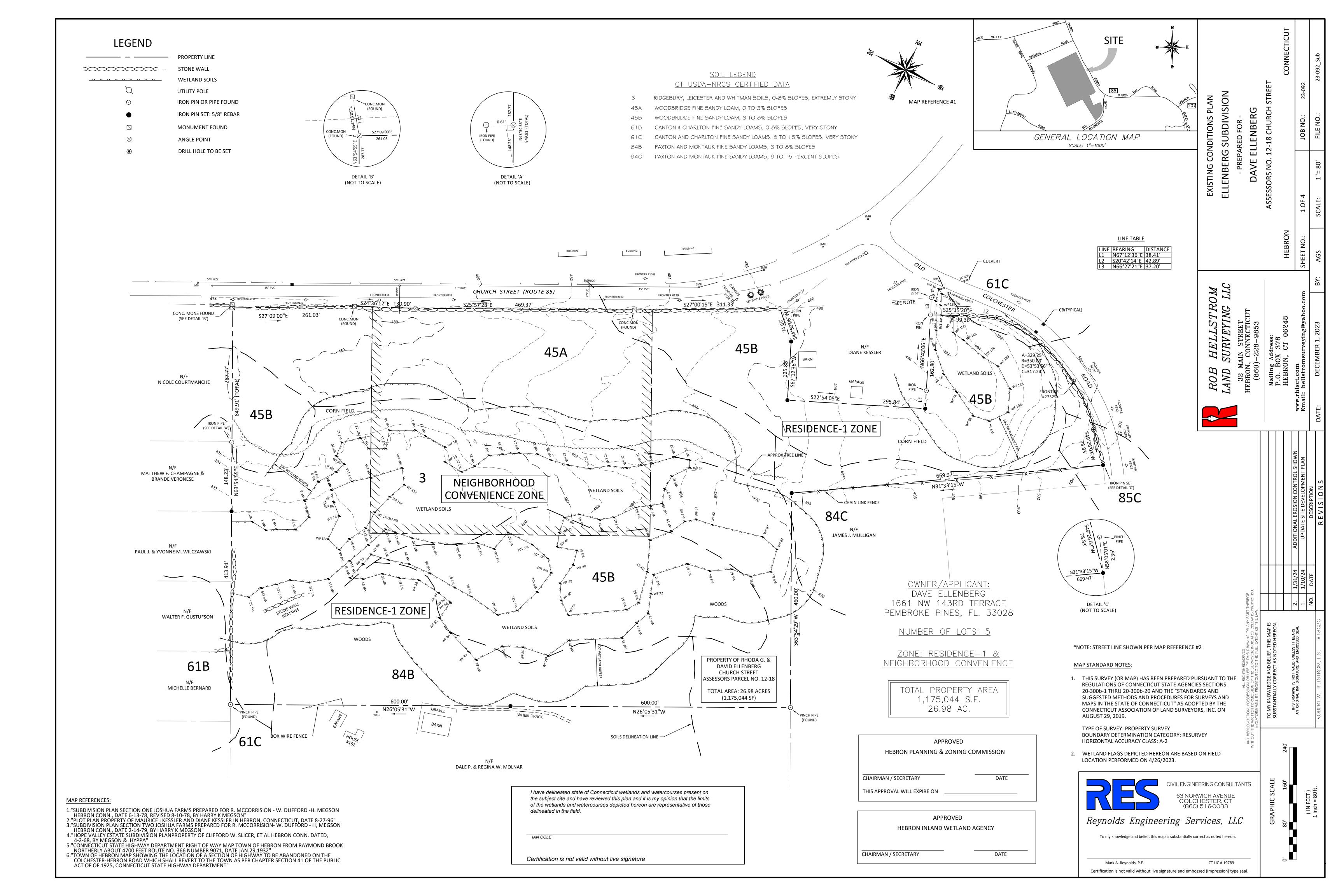
- 1. A fee-in-lieu of open space, in the amount acceptable to the Town Planner, shall be paid to the Town in accordance with the provisions of Section 6.10.H.3. A notice to this effect shall be placed on the Subdivision Plans filed in the Town Clerk's Office.
- 2. The amount of the fee-in-lieu of open space as outlined in Section 6.10.H.1 of the Hebron Subdivision Regulations shall be equal to not more than ten percent (10%) of the fair market value of the land to be subdivided. The <u>Appraisal Report</u> prepared by Dennis A. Chanski, dated 10/16/2023 shall be revised accordingly.
- 3. Prior to the issuance of a building permit, an erosion and sediment control bond in an amount acceptable to the Town Engineer shall be submitted to the Town in a form acceptable to the Town Attorney.
- 4. All modifications required by the Commission shall be included on the final plans and copies of all letters or notices of approval from all land use agencies shall be added to the final plans prior to signature by the Commission. One mylar copy and four paper copies of the final plans shall be submitted to Town staff for signature by the Commission, revised to adhere to all conditions of approval, and containing the Planning and Zoning Commission letter of approval.

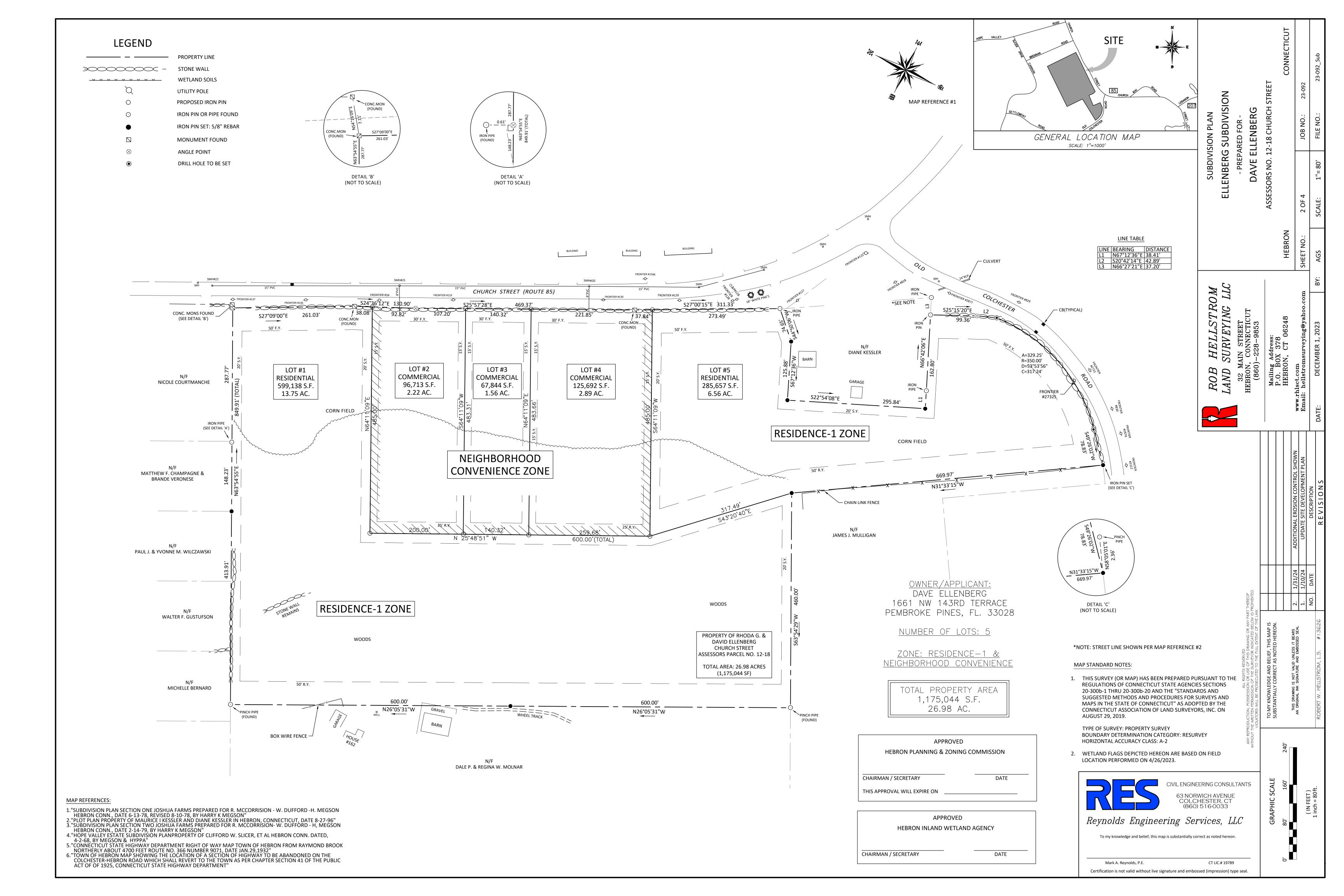
Additional Conditions of Approval for the Commission's Consideration:

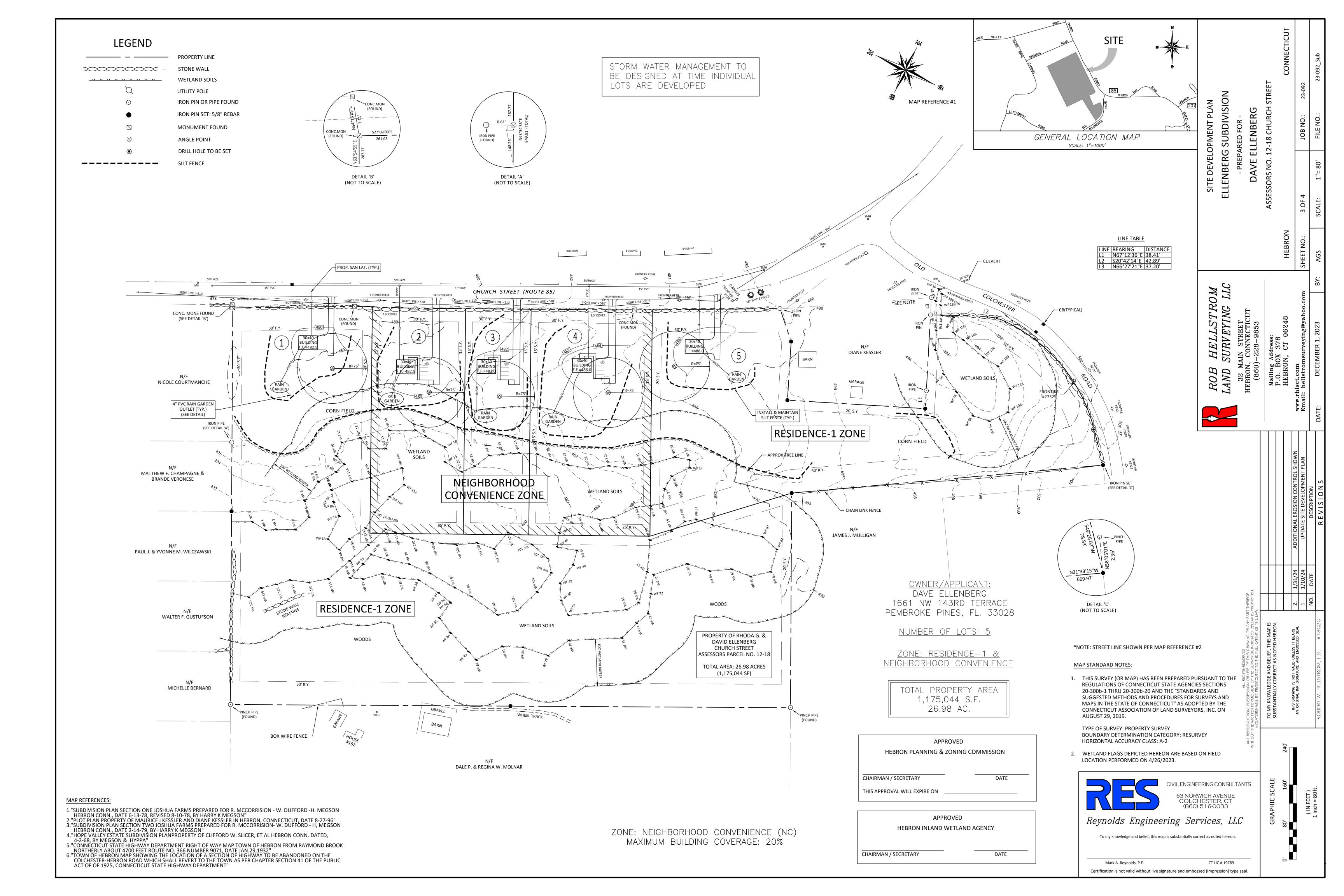
1. Street Trees and Stone Walls are significant features important to the character of the community. The Planning and Zoning Commission will consider the provisions of Sections 6.13 and 6.14 of the Hebron Subdivision Regulations in review of individual site development plans when permit applications are made for each lot.

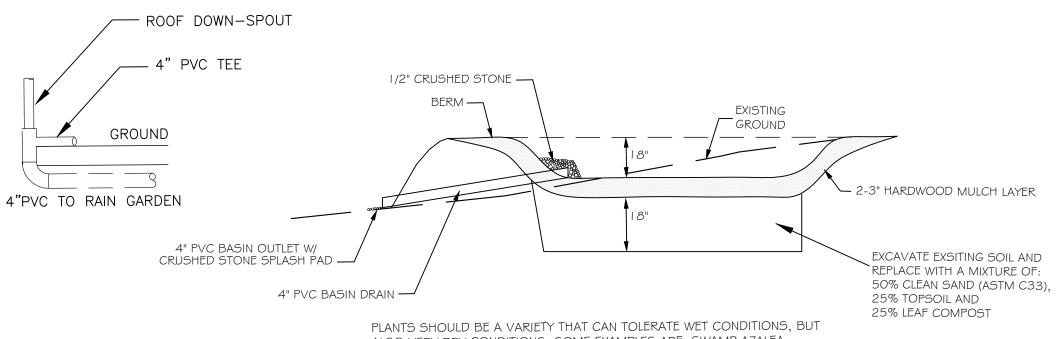
MRB

H:\Matt\Boards & Commissions\PZC\Applications\2023-10 Ellenberg Subdivision\Memo.docx









ALSO VERY DRY CONDITIONS. SOME EXAMPLES ARE: SWAMP AZALEA, BLACK-EYED SUSAN, IRIS, NEW YORK ASTER, AND ROYAL FERN

I. RAIN GARDEN DEPTH IS 18 INCHES. 2. EXCESS RUNOFF IS CALCULATED AS THE DIFFERENCE IN RUNOFF BETWEEN THE SUBDIVISION PRE - DEVELOPMENT SITE DRAINAGE MODEL RUNOFF CURVE NUMBER (55) AND THE PROPOSED COVER. ROOFS (RCN-98), DRIVEWAYS (RCN-98) AND LAWN(RCN-61) FOR THE 100-YEAR RAINFALL (7.91").

61 3.37" 98 7.67"

OPERATION AND MAINTENANCE PLAN - RAIN GARDENS

I. THE PROPERTY OWNER SHALL NOT REMOVE A RAIN GARDEN, SEVER OR RE-ROUTE ANY DRAINAGE LINE LEADING TO THE RAIN GARDEN OR TAKE NAY OTHER ACTION WHICH PREVENT SURFACE RUNOFF FROM REACHING THE RAIN GARDEN AND FLOWING THROUGH IT AS 2. THE PROPERTY OWNER SHALL ANNUALLY REMOVE SEDIMENT, LEAVES, LITTER, OR OTHER MATERIALS WHICH MAY HAVE ACCUMULATED IN THE RAIN GARDEN.

RAI	RAIN GARDEN SIZING TABLE											
LOT	ROOF	DRIVEWAY	LAWN	EXCESS RUNOFF ROOF/DRIVE	EXCESS RUNOFF LAWN	EXCESS RUNOFF	PROPOSED RAIN	I GARDEN DIMENSIONS	RAIN GARDEN VOLUME			
	(SF)	(SF)	(SF)	(INCHES)	(INCHES)	(CF)	WIDTH (FT)	LENGTH (FT)	(CF)			
1	1,200	1,984	N/A	4.95	N/A	1,313	24	38	1,368			
2	1,200	4,270	N/A	4.95	N/A	1,802	28	45	1,890			
3	1,200	4,270	N/A	4.95	N/A	1,802	28	45	1,890			
4	1,200	4,270	N/A	4.95	N/A	1,802	28	45	1,890			
5	1,200	1,984	N/A	4.95	N/A	1,313	24	38	1,368			

RAIN GARDEN DETAIL CROSS SECTION NOT TO SCALE

ACCESSIBLE

SIGN

(TYPICAL)

STALL

8' 8'

30' MIN. / I 5' RADIUS CT. D.O.T. 2" 355556 CRUSHED GRAVEL 30505C 15' MIN. - 6" DEPTH MIN. ANTI - TRACKING PAD DETAIL

NOT TO SCALE

4' WIDE SHOULDER

— 12" DEPTH OF BANK RUN GRAVEL

TYPICAL DRIVEWAY INSTALLATION DETAIL

NOT TO SCALE

— NON-WOVEN GEOTEXTILE (AS NECESSARY)

— 2" BIT. CONCRETE PAVEMENT (OPTIONAL)

12' WIDE DRIVEWAY

マスロンスロノコファン ロスマスロノフィラ

SLOPE=1/2"/FOOT

FINISHED GRADE

PARKING STALL DETAILS

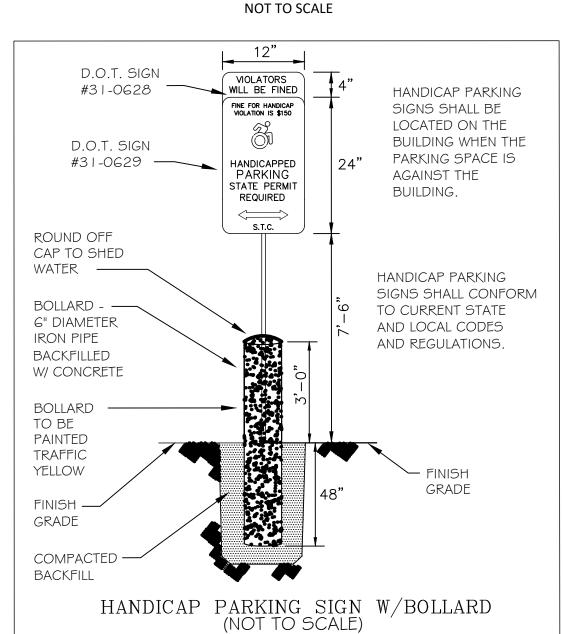
10' 5'

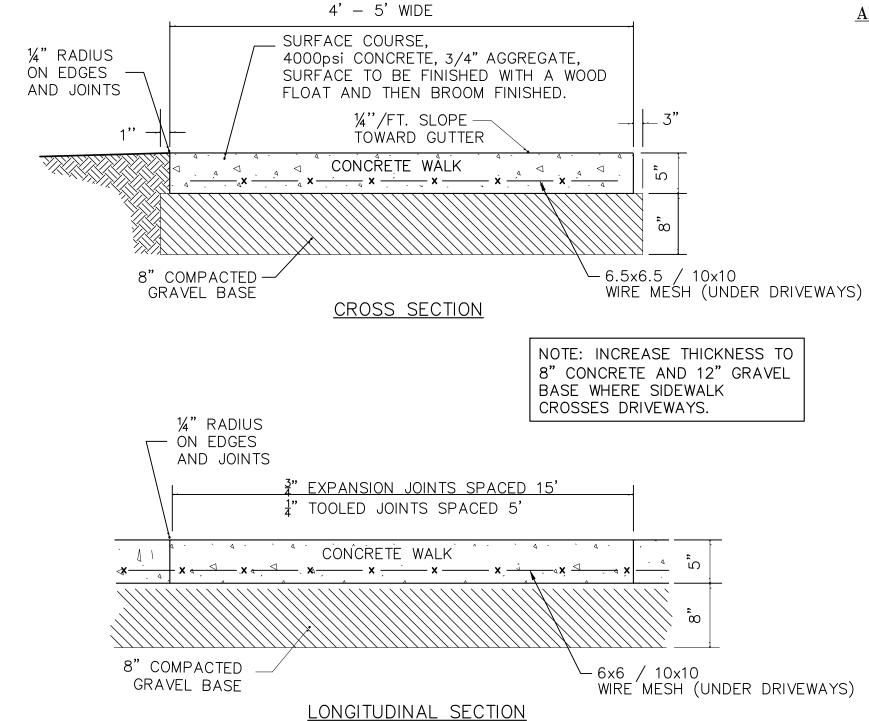
ACCESSIBLE

STALL

STANDARD

STALL





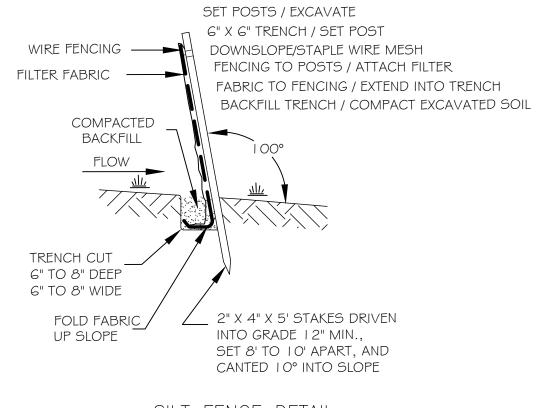
SIDEWALK DETAIL NOT TO SCALE

EROSION & SEDIMENT CONTROL NOTES:

- ALL EROSION & SEDIMENT CONTROL MEASURES TO BE CONSTRUCTED AS DETAILED AND SPECIFIED IN THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL JANUARY 2002 AS AMENDED.
- ALL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION, PROPERLY MAINTAINED DURING CONSTRUCTION AND REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN PROPERLY STABILIZED. AFTER INSTALLATION OF THE INITIALLY PRESCRIBED MEASURES, ADDITIONAL MEASURES MAY BE REQUIRED TO ADDRESS FIELD CONDITIONS AS ORDERED BY THE TOWN OF HEBRON OR ITS DESIGNATED AGENT(S).
- THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED. THE EXPOSURE SHOULD BE THE SHORTEST PERIOD OF TIME. WHEN NECESSARY TEMPORARY VEGETATION AND OR MULCHING SHOULD BE USED TO PROTECT EXPOSED AREAS. FINAL VEGETATION SHOULD BE INSTALLED AS SOON AS POSSIBLE. WHEREVER FEASIBLE NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED.
- THE STOCKPILING OF BUILDING MATERIALS SHALL BE WITHIN THE AREA OF DISTURBANCE.
- SEEDBED PREPARATION: FINE GRADE AND RAKE SOIL TO REMOVE ANY STONES LARGER THAN 2 INCHES. INSTALL ANY NEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS. APPLY LIMESTONE AT A RATE OF TWO TONS PER ACRE OR 90 POUNDS PER 1000 SQUARE FEET. FERTILIZE WITH 10-10-10 AT A RATE OF 11 POUNDS PER 100 SQUARE FEET. WORK LIME AND FERTILIZER INTO THE SOIL TO A DEPTH OF FOUR INCHES.
- SEED APPLICATION: APPLY SHADE TOLERANT GRASS MIXTURE BY HAND, CYCLONE SEEDER OR HYDROSEEDER. SEEDING SHALL BE DONE BETWEEN APRIL 1 AND JUNE 1 OR BETWEEN AUGUST 15 AND SEPTEMBER 1. IF SEEDING CANNOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE UNTIL SEED CAN BE DONE.
- ESTABLISH PERMANENT VEGETATION USING A SEED MIXTURE OF: KENTUCKY BLUEGRASS 20 LBS/ACRE CREEPING RED FESCUE 20 LBS/ACRE PERENNIAL RYE GRASS 5 LBS/ACRE 45 LBS/ACRE THE RECOMMENDED DATES FOR SEEDING ARE APRIL 1 THROUGH JUNE 1 AND AUGUST 15

THROUGH SEPTEMBER 1.

MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDED SURFACE WITH STRAW OR HAY AT A RATE OF 1.5 TO 2 TONS PER ACRE. MULCH SHALL BE SPREAD BY HAND OR WITH A MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE APPROXIMATELY TWO TO THREE INCHES.



OWNER/APPLICANT: DAVE ELLENBERG 1661 NW 143RD TERRACE PEMBROKE PINES, FL. 33028

NUMBER OF LOTS: 5

ZONE: RESIDENCE-1 & NEIGHBORHOOD CONVENIENCE

TOTAL PROPERTY AREA 1,175,044 S.F. 26.98 AC.



63 NORWICH AVENUE COLCHESTER, CT (860) 516-0033

CIVIL ENGINEERING CONSULTANTS

SUBDIVISION

LENBERG

REPARED FOR -TE ELLENBERG

DAVE

Reynolds Engineering Services, LLC

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

Mark A. Revnolds, P.E. CT LIC.# 19789 Certification is not valid without live signature and embossed (impression) type seal.

SILT FENCE DETAIL (NOT TO SCALE)

APPROVED **HEBRON PLANNING & ZONING COMMISSION** CHAIRMAN / SECRETARY DATE THIS APPROVAL WILL EXPIRE ON

APPROVED HEBRON INLAND WETLAND AGENCY CHAIRMAN / SECRETARY DATE February 16, 2024

David Ellenberg 1661 NW 143rd Terrace Pembroke, FL 33028

Re: FINAL DRAINAGE DESIGN REPORT (REVISED 2/16/24)

Ellenberg Subdivision Church Street Hebron, CT Project No. 23-092

Mr. Ellenberg,

Pursuant to your request, following report was prepared to address the drainage design proposed for the proposed subdivision of your property at Church Street in Hebron, CT (Assessor's Map 12, Lot 18)

Specifically, this report was refined and revised in order to provide additional information requested by the Town's engineering review of the application. For the purposes of analysis, the property was divided into three areas.

Analysis Point #1 (AP1), which is a 18.82-acre portion of the property and is comprised of the majority of the area from the original analysis. An area of wooded wetlands along the west side of the property was added to this subarea (AP1). No development is contemplated in the wooded wetlands that were added to this subarea.

Analysis Point #2 (AP2), which is a 1.26-acre portion of the cornfield that drains directly to the existing swale along Route 85. This area includes the proposed developed portion of Lot #1 and a small portion of Lot #2.

Small non-development areas of the property that do not drain to specific locations but rather contribute small dispersed overland flows of runoff to properties to the west and south. These areas were not analyzed as there is no proposed development in these areas.

None of the results of this revised report warrant any material change to the Subdivision Plan.

The proposed subdivision of the property is depicted on the plans entitled "Ellenberg Subdivision, Church Street, Hebron, Connecticut", dated 12/1/23, revised to 1/31/24 (Plan). The proposed subdivision will divide the commercially zoned portion of the property (Zone NC) into three lots and the residentially zoned portion of the property (Zone R-1 into two lots.

The subject property is 26.98 acres and contains wooded and cleared areas. The majority of the cleared areas along Church Street are historically cultivated and planted to corn. The wooded areas contain areas of wetland soils that were field delineated by Ian Cole, soil scientist and are depicted on the plans.

Storm Water Management Considerations

Storm Water Quantity

With regard to the quantity of storm water emanating from the subject property we have designed the site such that there is no impact to peak discharges of storm water for rain events up to the 100-year storm event. In addition, the site design includes measures such that the runoff from the subject area will not exceed the predevelopment runoff response. The site development is designed to encourage infiltration and sheet flow of runoff such that contributions of storm water and ground water recharge to the adjacent wetland areas are maintained.

Storm Water Quality

With regard to the quality of storm water leaving the site, the proposed Rain Gardens are designed and detailed in such a way to maximize their ability to trap sediment and renovate storm water. The rain gardens will store the recommended water quality volume and will substantially decrease total suspended solids in the storm water runoff from developed areas.

General erosion and sedimentation control guidelines are included in the plan. The development of the individual lots will require Site Plan Approval and review of the detailed erosion and sediment control plans that will accompany each proposed lot development.

The topography of the lots is such that storm water shall be managed for future lot development on a lot-by-lot basis and shall be designed in detail at the time each future lot development is contemplated and specifically for the proposed use. It should be noted that the storm water runoff response from the existing cultivated crop land is high, and the development of these lots will result in a significant amount of the cropland being planted to permanent grass thereby reducing the volume and peak discharge of runoff from the property. No public improvements are necessary to address storm water management on the property.

Pre-Development Conditions

The subject property is 26.98 acres. The land along the eastern portion of the site is tilled for crop production. The majority of the remaining land is wooded wetlands.

The non-wetland soils on the site are dominated by poorly drained soils (Woodbridge soil series). These soils have moderate to high runoff potential.

The surface drainage emanating from the majority of the site flows overland toward the north to areas of wetlands and eventually the Jeremy River.

This analysis was focused on the eastern portion of the property where all of the proposed development will occur. There is no proposed development on the remainder of the property therefore storm water characteristics in these areas will not change.

For the purposes of analysis, the property was divided into two areas.

Analysis Point #1 (AP1), which is comprised of the majority of the area from the original analysis. An area of wooded wetlands along the west side of the property was added to this subarea (AP1). No development is contemplated in the wooded wetlands that were added to this subarea.

Analysis Point #2 (AP2), which is a 1.26-acre portion of the cornfield that drains directly to the existing swale along Route 85. This area includes the proposed developed portion of Lot #1 and a small portion of Lot #2.

The peak rates of runoff from these areas were estimated using the TR-20 Method (see attached computation sheets). The resulting peak discharges are summarized below.

Pre-Development-peak discharge (cfs)

	2 – yr.	10 – yr.	25 – yr.	100 – yr.
AP #1	11.86	22.71	29.72	40.65
AP #2	2.98	4.93	6.13	7.97

Proposed Conditions

The proposed subdivision of the property is depicted on the plans entitled "Ellenberg Subdivision, Church Street, Hebron, Connecticut", dated 12/1/23, revised to 1/31/24 (Plan). The proposed subdivision will divide the commercially zoned portion of the property (Zone NC) into three lots and the residentially zoned portion of the property (Zone R-1) into two lots.

The proposed development of this area will not result in an increase in surface runoff. The establishment of grassed lawn areas over 60% of the site will decrease the estimated storm water runoff emanating from the site. Rain Gardens have been incorporated in the design to increase infiltration of runoff into the soil and improve the quality of the storm water runoff.

The peak rates of runoff for the proposed development were estimated using TR-20 Method (see attached computation sheets). The resulting peak discharges are summarized below.

Post-Development Comparison- peak discharge (cfs)

	2 – yr.	10 – yr.	25 – yr.	100 – yr.
AP #1	·			
Pre	11.86	22.71	29.72	40.65
Post	9.70	20.02	26.86	37.67
Net	-2.16	-2.16	-2.16	-2.16
	(-18.2%)	(-18.2%)	(-18.2%)	(-18.2%)
AP #2				
Pre	2.98	4.93	6.13	7.97
Post	1.68	3.24	4.26	5.84
Net	-1.30	-1.69	-1.87	-2.13
	(-43.6%)	(-34.3%)	(-30.5%)	(-26.7%)

Conclusion:

The establishment of grass over the majority of the proposed development area will maintain peak discharges and volume of runoff at or below pre-development conditions for storm events up to 100-year event, thus minimizing impacts to areas downstream. The proposed development will not adversely impact the drainage of the surface runoff on the site or in the surrounding area.

If you have any questions, please contact me at (860) 516-0033.

Sincerely,

Mark A. Reynolds, P.E. CT #19789

Fwd: Appraisal - Old Colchester Rd, Hebron - Ellenberg

Roderic Mccorrison <rmccorrison@comcast.net>

Wed 11/29/2023 10:22 AM

To:Matthew Bordeaux < mbordeaux@hebronct.com >

2 attachments (2 MB)

23-159LN.DAC ((Map 12, Lot 18) Old Colchester Rd, Amston, CT 06231)_invoice_1.pdf; 23-159LN.DAC ((Map 12, Lot 18) Old Colchester Rd, Amston, CT 06231).pdf;

Matt; We have gotten an appraiser and have decided that we would pay the appraised amount as a fee in lieu of your open space requirements for the Ellenberg subdivision. Please respond to this communication as I have already spoken to Jim Cordier about this issue but I understand he is not available for a while.

Sent from my iPhone

Begin forwarded message:

From: Dennis Chanski <dachanski@gmail.com> **Date:** November 28, 2023 at 12:22:31 PM EST

To: Roderic Mccorrison <rmccorrison@comcast.net>

Subject: Appraisal - Old Colchester Rd, Hebron - Ellenberg

Good Afternoon Mac.

I have attached the appraisal and invoice for the subject property.

Have a great day!

Regards, Dennis



www.connecticutappraisalservice.com

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Appraisal Report



LOCATED AT

(Map18, Lot 12) Old Colchester Rd Hebron, CT 06231 As recorded in the Hebron land records in Volume 29, Page 518.

FOR

David Ellenberg for Rhonda G. Ellenberg Trust 1661 NW 143rd Terrace Pembroke Pines, FL 33028

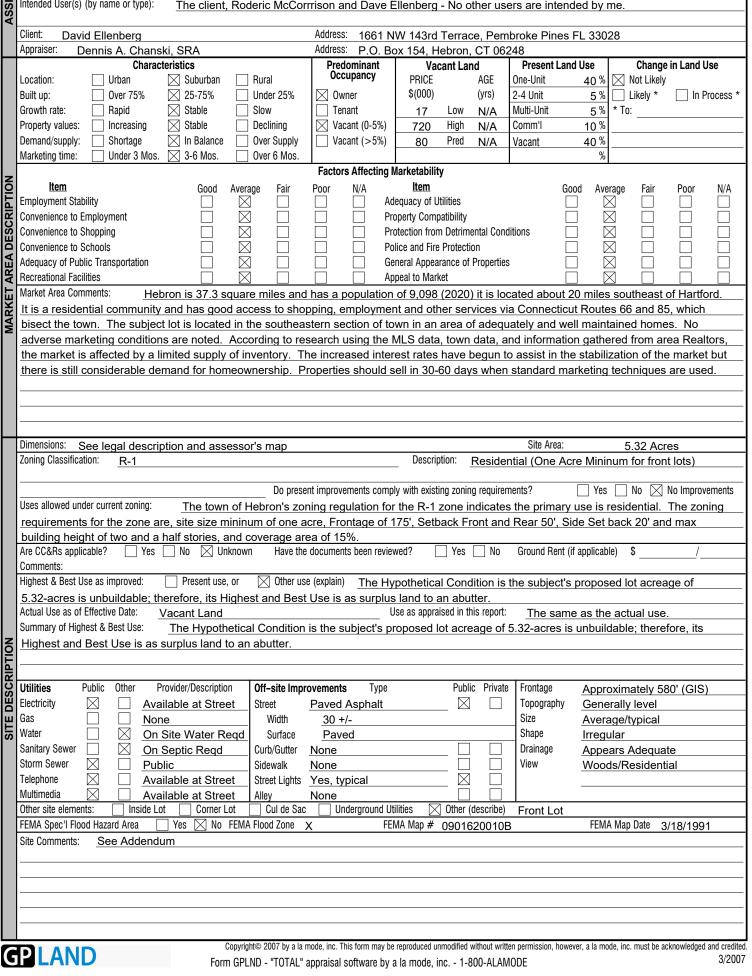
AS OF

10/16/2023

BY

Dennis A. Chanski, SRA Speno Chanski Appraisal Associates P.O. Box 154 Hebron, CT 06248 (860) 530-1643 dachanski@gmail.com

Speno, Chanski Appraisal Associates LLC. AND APPRAISAL REPORT File No.: 23-159LN.DAC State: CT Property Address: (Map18, Lot 12) Old Colchester Rd City: Hebron Zip Code: 06231 County: Tolland Legal Description: As recorded in the Hebron land records in Volume 29, Page 518 R.E. Taxes: \$ 936 Assessor's Parcel #: Map 12, Lot 18 Tax Year: 2023 Special Assessments: \$ Market Area Name: Map Reference: 25540 Census Tract: 5261.01 Amston Current Owner of Record: Ellenberg, Rhoda. G. Trustee Borrower (if applicable): HOA: \$ 0 PUD De Minimis PUD Other (describe) per year per month Project Type (if applicable): Are there any existing improvements to the property? ⊠ No If Yes, indicate current occupancy: Owner Tenant Not habitable ☐ Yes Vacant If Yes, give a brief description: The purpose of this appraisal is to develop an opinion of: Market Value (as defined), or other type of value (describe) This report reflects the following value (if not Current, see comments): Current (the Inspection Date is the Effective Date) Retrospective Prospective Property Rights Appraised: Fee Simple Leasehold Leased Fee Other (describe) To evaluate the property that is the subject of this appraisal to develop its market value for open space, subject to the stated Scope of Work, purpose of the appraisal, reporting requirements of this appraisal report form, and the Definition of Market Value Intended User(s) (by name or type): The client, Roderic McCorrrison and Dave Ellenberg - No other users are intended by me. Client: David Ellenberg Address: 1661 NW 143rd Terrace, Pembroke Pines FL 33028 Appraiser: Dennis A. Chanski, SRA P.O. Box 154, Hebron, CT 06248 Change in Land Use Characteristics Predominant Present Land Use Vacant Land Occupancy PRICE AGF Location: Urban Suburban Rural One-Unit 40 % Not Likely Built up: \$(000) Over 75% **25-75%** Under 25% ○ Owner (yrs) 2-4 Unit 5 % Likely * In Process * Tenant 5 % * To: Slow Multi-Unit Growth rate: Rapid 17 Iow N/A Increasing 10 % X Stable Declining ∨ Vacant (0-5%) High Property values: 720 N/A Comm'l Over Supply Demand/supply: Shortage ☐ Vacant (>5%) Pred 80 N/A Vacant 40 % Over 6 Mos Marketing time: Under 3 Mos **Factors Affecting Marketability** <u>Item</u> **Item** Average Poor N/A Average Poor N/A Good **Employment Stability** Adequacy of Utilities \boxtimes Convenience to Employment **Property Compatibility** \boxtimes \boxtimes \boxtimes Convenience to Shopping Protection from Detrimental Conditions \boxtimes \boxtimes Convenience to Schools Police and Fire Protection Adequacy of Public Transportation X General Appearance of Properties Recreational Facilities Appeal to Market Market Area Comments: Hebron is 37.3 square miles and has a population of 9,098 (2020) it is located about 20 miles southeast of Hartford. MARKET It is a residential community and has good access to shopping, employment and other services via Connecticut Routes 66 and 85, which bisect the town. The subject lot is located in the southeastern section of town in an area of adequately and well maintained homes. No adverse marketing conditions are noted. According to research using the MLS data, town data, and information gathered from area Realtors, the market is affected by a limited supply of inventory. The increased interest rates have begun to assist in the stabilization of the market but there is still considerable demand for homeownership. Properties should sell in 30-60 days when standard marketing techniques are used Site Area: Dimensions: See legal description and assessor's map 5.32 Acres Zoning Classification: Description: R-1 Residential (One Acre Mininum for front lots) Do present improvements comply with existing zoning requirements? Yes No No Improvements Uses allowed under current zoning: The town of Hebron's zoning regulation for the R-1 zone indicates the primary use is residential. The zoning requirements for the zone are, site size mininum of one acre, Frontage of 175', Setback Front and Rear 50', Side Set back 20' and max building height of two and a half stories, and coverage area of 15%. Yes No Unknown Have the documents been reviewed? Ground Rent (if applicable) Yes No Comments: Highest & Best Use as improved:





	d did not reveal any	•					appraisal.	
	he Multiple Listing S ject Sale/Transfer				assessor's records tagreement of sale/listing:		ect has not sold v	vithin the last
Date: 08/06/2	-	-	-		in the Multiple Listi		ect has not sold v	vitilii tile last
Price: \$0					·			
Source(s): Volume		_						
Date:	oject Sale/Transfer							
Price:								
Source(s):								
FEATURE	SUBJECT PROPER	RTY COMF	PARABLE	: NO. 1	COMPARABI	LE NO. 2	COMPARA	ABLE NO. 3
	ot 12) Old Colchester			olchester Rd	408 Martin Rd		132 Hope Valley	
Hebron, Proximity to Subject	CT 06231	Hebron, CT 0 1.99 miles S	06248		Hebron, CT 06248 5.20 miles NW		Hebron, CT 0624 0.75 miles NW	18
Sale Price	\$ N/		\$	25,000		73,500		\$ 79,900
Price/	\$	\$ 8,278	_	20,000	\$ 12,782.61	70,000	\$ 15,335.89	10,000
Data Source(s)	PubRec/Inspec	tion Drive by/MLS	S/Public	Records	Drive by/MLS/Publ	lic Records	Drive by/MLS/Pu	
Verification Source(s)	MLS/PubRec	Volume 611,		534	Volume 611, Page		Volume 610, Pag	
VALUE ADJUSTME				+(-) \$ Adjust	DESCRIPTION	+ (-) \$ Adjust	DESCRIPTION	+(-) \$ Adjust
Sales or Financing Concessions	N/A	None Record	led		None Recorded		None Recorded	
Date of Sale/Time	N/A N/A	None 07/05/2023			None 06/15/2023		None 05/24/2023	
Rights Appraised	Fee Simple	Fee Simple			Fee Simple		Fee Simple	
Location	Average	Average			Average		Average	
Site Area	5.32 Acres	3.02 Acres		+2,300	5.75 Acres		5.21 Acres	
Approved Lot Net Adjustment (Tota	No	No			Yes	-55,000	Yes	-55,000
<u> </u>								
Net Adjustment (Tota	, in \$)		- \$	2,300	□ + ⋈ - \$	-55,000	□ + ⋈ -	\$ -55,000
, ,								
Adjusted Sale Price (\$	27,300	\$	18,500		\$ 24,900
Summary of Sales Co		See addendum.						
PROJECT INFORMA Legal Name of Project	TION FOR PUDs (if applic	cable) The	Subject	is part of a Planne	d Unit Development.			
	ments and recreational fac	cilities:						
Indicated Value to	Calaa Campasiaa A	acab ¢						
Final Reconciliation	Sales Comparison Appro See Addendum	uacii \$ 22,	500					
		1						
This appraisal is mais unbuildable.	aue 🔛 "as is", or 🔀	subject to the following	conditio	ris: The a	ppraisal is based or	n the Hypothetic	cal Condition that	the subject lot
This report is a	also subject to other Hy	vpothetical Conditions a	ınd/or F	draordinary Assur	nptions as specified in	the attached adde	nda.	
Based upon an in	spection of the subje	ect property, defined	Scope	of Work, Stater	nent of Assumptions	and Limiting Cor	nditions, and Appra	iser's Certifications
my (our) Opinion	of the Market Value 22.500	e (or other specified , as of:	value	type), as defir	ed herein, of the re	eal property that	is the subject of is the effective date	this report is:
If indicated above.	22,500 this Opinion of Value	is subject to Hypot	hetical	Conditions and/	.∪೭೨ or Extraordinary Assur	nptions included	in this report. See	, or any applaisal. e attached addenda.
A true and comple	te copy of this report	contains 24 pages	, includi	ng exhibits which	are considered an int	egral part of the	report. This appraisal	
1	without reference to th					-		
Limiting cond.		rrative Addendum		Location Map(s	·	od Addendum	Addition	
FIIULU AUUUIIU	a 🔲 Pa oderic McCorrison	rcel Map	<u> </u>			raordinary Assumpt	tions 🗵 Hypothe	tical Conditions
	on@comcast.net				61 NW 143rd Terra		Pines FL 33028	
APPRAISER		//		10.	JPERVISORY APPR			
		_			CO-APPRAISER (if	, .	,	
I	9/			Sur	pervisory or			
	Dennis A. Chanski,			Co-	Appraiser Name:			
	Chanski Appraisal				mpany:			
Phone: <u>(860) 530</u>		Fax: <u>(860) 530-16</u>	643		one:		Fax:	
E-Mail: <u>dachansk</u> Date of Report (Signa					Mail:			
License or Certification			State		ense or Certification #:			State:
	rtified Residential A	nnraiser						
		ppraiser		I Des	signation:			
Expiration Date of Lic		04/30/2024			iration Date of License or	Certification:		
	ense or Certification:	• • • • • • • • • • • • • • • • • • • •	(Desktop	Exp		Certification: Did Inspect	Did Not Inspect	



ADDITIONAL	L COMPAR	ABLE SAL	ES		F	ile No.: 23-159LN.DA	VC.
FEATURE	SUBJECT PROPERTY	COMPARABLE	NO. 4	COMPARABL	E NO. 5	COMPARABL	E NO. 6
Address (Map18, Lot 1)	2) Old Colchester Rd	75 Crouch Rd					
Hebron, CT (06231	Hebron, CT 06248					
Proximity to Subject		2.03 miles SE					
Sale Price	\$ N/A	\$	17,000	\$		\$	
Price/	\$	\$ 7,264.96		\$		\$	
Data Source(s) Verification Source(s)	PubRec/Inspection	Drive by/MLS/Public					
VALUE ADJUSTMENT	MLS/PubRec DESCRIPTION	Volume 604, Page 1 DESCRIPTION		DESCRIPTION	. () ft Adimat	DESCRIPTION	. () (
Sales or Financing	N/A	None Recorded	+(-) \$ Adjust	DESCRIPTION	+(-) \$ Adjust	DESURIFICIN	+(-) \$ Adjust
Concessions	N/A N/A	None Recorded					
Date of Sale/Time	N/A	08/05/2022					
Rights Appraised	Fee Simple	Fee Simple					
Location	Average	Average					
Site Area	5.32 Acres	2.34 Acres	+3,000				
Approved Lot	No	No	70,000				
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Net Adjustment (Total, in \$	5)		3,000	+		_ + \$	
Adjusted Sale Price (in \$)		\$	20,000	\$		\$	
Summary of Sales Compa	rison Approach						
_							
APPROACH							
<u> </u>							
지							
4							
Z							
488							
X							
<u> </u>							
SALES COMPARISON							
[8] 							
"							
_							



Addendum - Page 1

File	Nο	23-1	1591	Ν	DAC

Client	David Ellenberg						
Property Address	(Map18, Lot 12) Old Colchester Rd						
City	Hebron	County	Tolland	State	CT	Zip Code	06231
Annraiser	Dennis A. Chanski, SRA						

SITE COMMENTS:

The section of the subject lot that is proposed to be identified as open space is located on the southeastern side of the lot. It is predominantly cleared of trees and vegetation, except for the areas that border the town road known as Old Colchester Rd and the abutting properties. The subject lot based on my view and the topography map is generally level. At the time of my inspection, the lot is only currently accessible from Church St. The survey map indicates and area of wetlands on the southeastern side of the site on the Old Colchester Rd side as noted in the draft survey map.

The subject site requires an onsite well and onsite septic due to public water and sewer not available at the subject lot location.

There are no apparent easements, encroachments, or other adverse conditions noted by the appraiser at the time of inspection. Based on the public sewer map, public sewers are not available across the entire frontage of the subject on Old Colchester Rd; however, it is not known if the portion of sewer that does run along the subject's frontage is capable of being used by the subject if it were a buildable lot. The subject's street does not have public water.

The draft survey site map of the entire parcel is included as an addendum which identifies approximately the area (not specifically) of the 5.32 acres that are the subject of this appraisal. The area highlighted is not the total site size of the subject acreage of the appraisal.

HIGHEST AND BEST USE

The Hypothetical Condition of the appraisal assignment is that the subject lot is unbuildable; therefore, the Highest and Best Use as non-buildable land is as surplus land to an abutter.

HYPOTHETICAL CONDITION and EXTRAORDINARY ASSUMPTION

USPAP Definition (Effective January 1, 2021, through December 31, 2023)

EXTRAORDINARY ASSUMPTION: an assignment -specific assumption as of the effective date regarding uncertain information used in an analysis which, if found to be false, could alter the appraiser's opinion or conclusions. Comment: Uncertain information might include physical, legal, or economic characteristics of the subject property; or conditions external to the property, such as market conditions or trends; or the integrity of data used in an analysis.

HYPOTHETICAL CONDITION: a condition, directly related to a specific assignment which is contrary to what is known by the appraiser to exist on the effective date of the assignment results but is used for the purpose of analysis.

SUMMARY SALES COMPARISON APPROACH

In order to obtain comparable sales, I searched the Hebron land records for the past three years of vacant land. All of the comparable sales selected are closed sales, they are verified in the town land records and through the Multiple Listing Service (MLS). They are the most similar to the subject in terms of size, utility, and marketability. They are representative of the market and are reasonable purchase alternatives to the subject. Equal emphasis has been placed on all comparable sales when reconciling my value opinion.

In identifying comparable sales, the subject's market area within the town of Hebron was searched. There were four sales identified as potential comparable sales they ranged from price \$17,000 - \$79,900 (Average: \$48,850, Median: \$49,250) and site size 2.34 - 5.75 acres (Average:4.08, Median: 4.12). Based on my review, analysis, and evaluation, the comparable sales included in this appraisal report are in my opinion the best comparable sales as compared to the subject.

The appraisal assignment is a Hypothetical Condition that the subject lot is not buildable. Therefore, the search for comparable land sales included unapproved lots that have not been approved, lots that are unbuildable, landlocked lots, as well as lots used for recreational use. The Highest and Best Use of these types of lots are typically purchased by abutters. Because of the limited sales and listing the search extended beyond the town of Hebron attempting to identify similar use closed sales and active or under contract listings.

The condition of the subject is based on my exterior inspection from the street, GIS images, and a conversation with the client. The comparable sales are based on the realtor comments in the MLS Data sheets, conversations with the realtor as indicated, and GIS images including site maps with wetland and topography data. All sales are located in the subject's market area within the town of Hebron, with three of the four sales within approximately two miles of the subject and one just greater than five miles of the subject. All of the comparables are closed sales, sales 1, 2 and 3 closed within the past five months and sale 4 closed within the past 14 months.

The lot size adjustment is based on a matched paired analysis of sales 1 and 4 and the approved lot adjustment is based on a matched paired analysis of sales 1 and 4 and sales 2 and 3.

Addendum - Page 2

		Addendam - rage z	FIIE IVU. 23-139LIV.DAG
	David Ellenberg		
ress	(Map18, Lot 12) Old Colchester Rd		
	Hebron	County Tolland	State CT Zip Code 06231

SUMMARY SALES COMPARISON APPROACH (continued)

Dennis A. Chanski, SRA

Client Property Addre City

Comparable 1 (Sale) - The Realtor comments in the MLS indicate: Potential Single Home site! 3.02-acre lot with 804' of road frontage on Old Colchester Road! Test Pits Data Available! The presence of ledge on the Southerly End of the property precludes a split of the lot. The lot at the time of purchase was an unapproved building lot. The lot had been on the market for 352 days starting with a list price of \$49,000 and selling for \$25,000. In speaking with the listing agent regarding the lot, the lot had been tested with the majority of the lot covered with ledge; and it was indicated that construction of an improvement on the lot would require considerable blasting. In reviewing the information from the lot testing from the Multiple Listing Service (MLS) on the listing, three locations had visible surface ledge and the other seven test holes noted ledge from 6" to 31" below the surface. Therefore, the cost of blasting may not be financially feasible for the typical buyer if other vacant land is available as an alternative.

Comparable 2 (Sale) - The Realtor comments in the MLS indicate: Beautiful Level Lot, 298' of road frontage.

Comparable 3 (Sale) - The Realtor comments in the MLS indicate: 5+ acre lot, overlooking a pond.

Comparable 4 (Sale) - The Realtor comments in the MLS indicate: level and treed lot of record can be built on but should be a raised foundation or crawl space as the lot is very flat and footings must be drained to a catch basin at the road. Very nice area, an excellent locale. Some wetlands. In speaking with the town planner regarding the lot, the subject has a significant amount of wetlands in the front section of the site which would require town approvals to cross which also may not make it financially not feasible if it were to be approved. Therefore, based on the best available information the sale is not considered a buildable lot.

The adjustments made to the comparable sales are for the difference in utility or amenities that either the subject or the comparable sales may or may not have. These adjustments are market driven and reflect what a typical, informed purchaser would or would not pay for the added or decreased utility of the items adjusted, rather than the cost to reproduce those items. All adjustments are rounded to the nearest \$100.

ENVIRONMENTAL HAZARDS

There were no negative environmental issues observed on or in close proximity to the site on the day of the appraisal walk-through. There were no known environmental hazards reported to the appraiser by third parties.

PHYSICAL CONDITIONS DISCLOSURES, DISCLAIMERS

The Appraiser is not recognized as a title search specialist. The Scope of Work for this appraisal does not include any title search activities. This appraisal is made with the Extraordinary Assumption there is a good title to the subject property with no deficiencies, covenants, restrictions, or other historical deed language beyond the current deed description that would negatively affect value or marketability.

This Appraiser has not provided any services, as an appraiser or in any other capacity, regarding the property that is the subject of this report within the three years immediately preceding acceptance of this assignment.

The use of Extraordinary Assumptions and/or Hypothetical Conditions may have affected the assignment results.

FINAL RECONCILIATION

The sales comparison approach best reflects the actions of the typical purchaser. The Cost Approach is not developed, because the parcel is raw land with no improvements. The Income Approach was not developed, as vacant residential land is typically not sold for income potential. In developing my opinion of value, all comparable sales are vacant unimproved lots as compared to the subject.

In developing my opinion of value based on the Hypothetical Condition that the subject's 5.32 acres is unbuildable, the Sales Comparison Approach, all sales were evaluated, analyzed, and considered. The sales used were similar to the subject ranging from site size from 2.34 - 5.75 acres and and adjusted price from \$18,500 - \$27,300. Based on my evaluation and analysis, the comparable sales used bracketed the subject in price and site size, and all of the sales were considered and weighted equally in developing my opinion of value.

Subject Photos

Client	David Ellenberg				
Property Address	(Map18, Lot 12) Old Colchester Rd				
City	Hebron	County Tolland	State CT	Zip Code 06231	
Appraiser	Dennis A. Chanski, SRA				





Site Site





Site Site





Street View (Southwesterly)

Street View (Northerly)

Court of Probate - (Vol 348, Pg 628)

CERTIFICATE OF DEVISE DESCENT OR DISTRIBUTION PC-255 REV. 1/92

348 PG 628

STATE OF CONNECTICUT

RECORDED

COURT OF PROBATE

(File certificate with town clerk where real property is situated I

CORRECTED CERTIFICATE OF DEVISE, DESCENT OR DISTRIBUTION

COURT OF PROBATE, DISTRICT OF

DISTRICT NO. 057

deceased.

(PROC-580)

BOL KLIENBERG

DATE OF BEATH July 18, 1998

Pursuant to C.O.3. \$45s.450, this certifies that as appears from the records of this court, and deceased died on the date above weight, and the following and property of the deceases is deviand or distributed or set out or divided or describe to [Give name, place of certifience, and share of distributed; give tirest address or let number of real property, or [France, a brief description of the houses. C.G.S. \$43s-450.]
Bloods G. Ellenberg, 6367 Pubble Creek Way, Boynton Bouch, Florids, as Successor Trustee under Trust Agreement of Sol Ellenberg dated January 3, 1995, a full interest in the decedent's share in property located on Old Colchester Bond and Church Street in Habron, Coonseticut and further described as follows:

Two certain tracts or piecels of land with any improvements therein and appartenances thereto situated in the Town of Helson, County of Talland and the Sints of Connection and being bounded. and described as follows:

EIRET TRACE.

North: By land formerly of the esters of Mrs. Frunk Raymond;

West: By land formerly of Ephraim Wilcon;

By land furnish of William W. Jones and the highway leading from Heiron to South:

Colchester; and

By said highway feading from Nebron to Colchester Sold first treet contains slaty- four (64) scres, more or less.

BECOND TRACT:

North: By lands formerly of E.J. Wilcox and formerly of Sursh Greenburg By the highway from Hoteun to Calchester (the old read so-caling); East

By land formerly of Frenk Sieloff and land farmerly of the Goldstein and formerly Smith:

of David Sheelefiky; and

By land formerly of Mrs. E.T. Smith and by land functorly of Percy Johnson and

the charrell of Barber's Fund.

Salid account tract contains severity (70) acres more or less.

Said first tract and second tract are all and the same premises described in a quit claim sleed Boon Clara Ellarberg to Sol Ellenberg dated November 29, 1957 and enumbed in volume 29 at page

517 of the Hebran land seconds.

EXCEPTING from said first trues and said second tract the land described in the following firer deeds:

L. A warranty deed from Soil Effectiven to William and Sylvia Berkowitz dated February 10, 1973 and recorded in volume 77 at page 516 of the Historia land records.

2. A warmety deed from Sel Elienberg to William and Sylvin Berkowitz date September 9,

1974 and eccorded in volume 83 at page 336 of the Belovo lend records.

3. A warranty deed from Sol Effectives to Megisse, McCorrison and Dufford daired June 30, 1978 and recorded in volume 94 at page 134 of the Relation lend records.

4. A quit chain deed from Sol Effectives to Maurice and Diane Kensler date October 8, 1996 and recorded in volume 179 at page 881 of the Relation land records.

The peculies described herein after subtracting the land conveyed out in the above referenced four deads contains 26.97 acres by estimation and is situated on the northerly side of Old Colchester Road and the westerly side of Colchester Road and the westerly side of Colchester Road and the westerly side of Colchester Road some South street. is said town of Hebrun.

For a more particular description, reference should be made to the records of said probate court. This corrificate corrects the devicee in a Certificate of Device. Descent or Distribution dated March 19, 2002 and recorded April 3, 2002 in Volume 281, page 36 of the Habron Land Becords. IN TESTIMONY WHEREOF, I have howemo are my hand and affixed the seal of this count on this

Seed

Court

COLLNERS FOR COURT USE ONLY XB 2003

Judge, Assessment

FOR TOWN CLERK'S USE ONLY

Received 24 6, 2003 AT 3:14

Recorded in Town of Hebron, Land Records-Vol. 348 Chugken Contown Clark

Page 628

Original to:

Dine Sent

CERTIFICATE OF DEVISIO DESCENT OR DISTRIBUTION 0,510 PC-250

VOL. 237 PME 030

CERTIFICATE OF MOTICE FOR LAND RECORDS (PC-251)

STATE OF COMMECTICUT COUNT OF PROBATE

Recurded: Pagel

Court of Probate, District of Hebrum District Mumber 067

99-0037

IN THE MATTER OF: SOL ELLENBERG

Date of Certificate: 01/23/91

control to Town of Marine.

Date of Death: 01/17/1908

Place where last dwelt: Soyston Beach, L:

Died: Testabe

Fiduciary: Shoda G. Ellamberg, 6367 Pebble Creek Way, Boynton Beach, FL 33427

Fiduciary's Position of Trust: ANCILLARY FIDUCIARY Data of Appointment: 08/26/1999

This cortificate is nade and caused to be recorded in the land records of the town wherein the said decembed was the owner of real property or any interest therein, or a mortgage or lien upon real property.

Atora M. Ellenberg

Shoda G. Ellenberg, ASCILLARY FIDOCIARY

As used in this document, the word fiduciary includes the plural, where the context so requires.

Toin O

24

Court of Probate - (Vol 281, 36)

WL 281 % 036

CERTIFICATE OF DEVISE, DESCRIPT OR DISTRIBUTION PC-250 BEEV, LARS. 1996,446

STATE OF COHNICTICUT

KERCHOOKS

COUNT OF PROBATE

(File entiglicate with power objet) inhere raid property is straightf.

COURT OF PROBATE, DISTRICT OF

Mild Committee

DESTRICTING, OCT.

BUILDING OF

NOW, DELEGRATIONS

DATE OF BEATH 1.717790

Parameter C.C.L.S. \$456-450, this certifies that an appears from the records of this court, and decreased shadon the day above, serious, and the delicating real progesty of the deposition is deviced as distributed or an one or divided of description for filling some, place of residence, and these all descriptions of the because of real descriptions of the because, C.G.S. \$454-456.7

Should G. Milenberg, 5367 Pubble Crack Way, Doynton Starb, Florids, a full Enternal in the decedent's where is property located on Old Calabrater Boad and Church Street in Debroe, Connecticut and further described so fullness:

Two centure tracts or percels of land, will say improvements thereon and apportunitions themse obtained to the Town of Hebren, County of Tolland and the State of Countricine and being beneated

EDST, DACE.
Heath: By heat terrority of the same of bids. Fronk Reposent.

West: By land Supersty of Ephrains Wilson; South: By land Supersty of William W. Josep and the highway leading these Subsequent

er, and

Black. By sold highway limbing from Habous to Chich Their files were contains story. They filely across, much or less.

North. By lands theseety of E.J. Wilese and Armony of Death Comple

By the highway from Helicus to Chichester (See old coud so-called). By lead formerly of Frank Serioff and land florastly of line (belonate of Devill Blanchdidge, and Seem

He had formely of him. B.T. Beach and by load Sensorly of Feory John the element of Buston's Fund.

Suid second that contains severity (70) some more or loss.
Suid that must and second treat we all sed the some promises described in a gain claim dead
from Claim Ethnology to find Ethnology duted November 29, 2807 and recorded in volume 29 to page
517 of the Heimer land mounts.

ENCEPTING then will first treet and outdowned treet for land described in the fifther

A warranty shed from Sul Effectives to William and Spirite Session wite dated February 10, 1913 and prescribed in reference 77 or page 215 of the Referenciand remotio.
 A warranty shed from Sul Effectives to William and Spirite Sessionating date September 5.

1974 and received in values: \$3 or page 338 of the Battern baid received.

1. A warranty dead from fad Ellustrery to Mexpire. McContinue and Defford dead Jane 35.

1678 and received in values: \$4 or page 124 of the Hobern had receive.

4. A published dead from hel Blinding to Mexico and Disas Knotle date October 8, 1980.

and recorded in volume 179 or page 663 of the Helena hard records

The previous described involved or observing the land managed out in the above referenced flow death created 20,57 error by references and in situated as the northesty side of Ost Colobbette South and the wountly side of Committee South states and the known as Chaptherine. te said yours of Stateon.

For a more particular description, retirement chould for mixed to the moneth of table posture court.

IN TERTIMONY WESTEREOF. Edges investment by Send and affined the seel of this court on this

Court Sec

1915 Harribs 2002. day of photocar Change

3.700

PUR TOWN CLEAR'S USE CHE, Y JR 03

OrganicsCost FOR COURT LIEE ONLY

Sales and them

d in Te Michael March B. W. |

digital.

on Clark

Original on

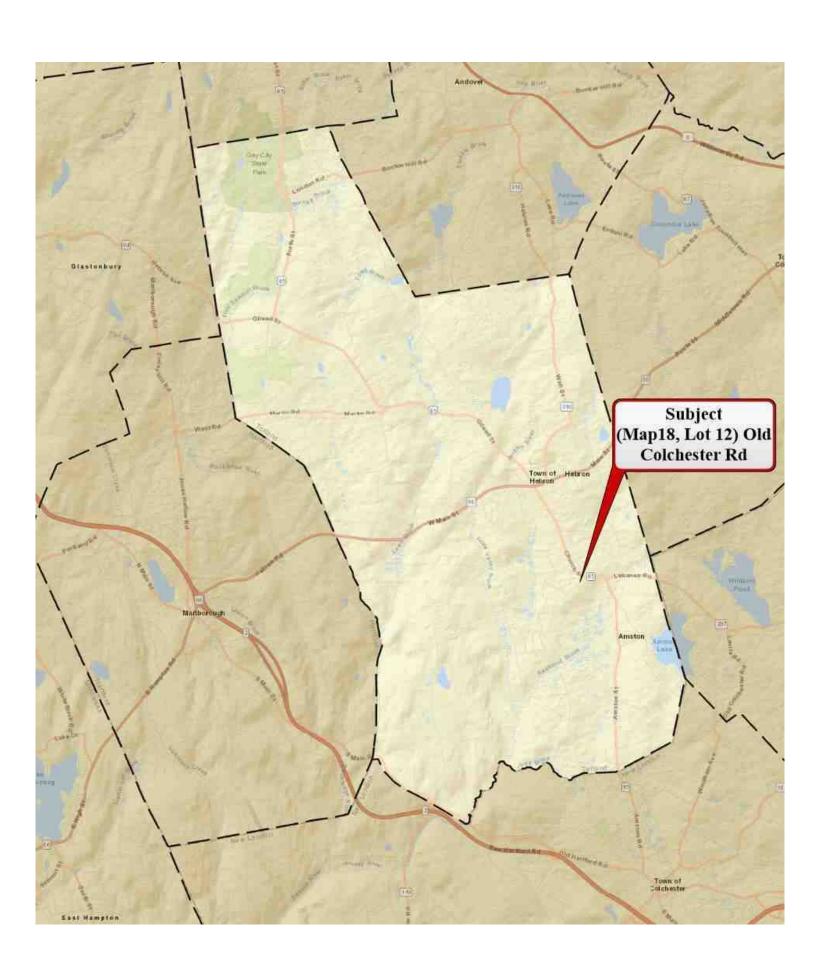
Date Seed

CERTIFICATE OF DEVEN, DESCRIVE OR DESTRUBUTION PC-250

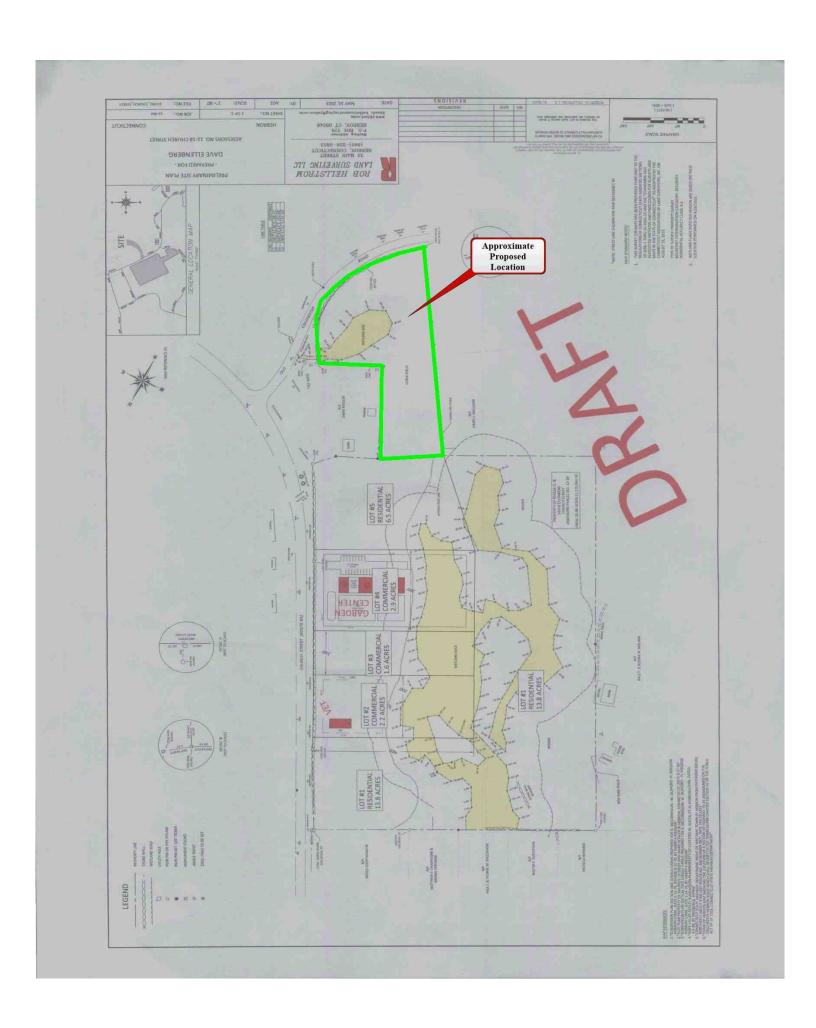
994

	n by these Pres	CHARLES TO A JUNE		-	
				7596 54	
	tare the same of	.7 00	of the Toron of	Mahama	Tales - Col
	Cherry of	Come alex	land on he	Landard for firm po	of same in
wednesday	Tell selbetterion vi.	witness of	el Elle be	in receiper	
Jan-	of Media	-,	to of well	land Il	tenge
Come	etient				
have making, yelman	I, and Guerry Quartering render, minuse, and foreve		and E	Indean.	AND NO
		4	0.	6	
bein sail s	unigna floreser, all such rig	the said of the sec. Do.	the wit. The Can		
here we marks to laws	morna cetta	Section 1	1. Judla	at links	21
Compression	my twools	the more dis	- Links		3
ahrdedes	and and and	distributed the	- had had		Le
from Mad	# Ce	reflective	and the same	not for	44
formation there was	- The same of	how of me	and the	all Said	LZ
Section 1	- Garment	got ma	ming more	Middle	and to
1 11/1	Burner	of down	Mandania man	Lamende the	politicalismost. Donas anticas
Comma	tot het		1. 1	I for two	damen
ستاسف المساس	is wither my		6 substantin	with the	
M. This while	man reguests	Tyled-b	Stanker St.	anter of	ation of
me who has	is in them.	a diam	The Manual Control	3 2 4 4 7 6 70	
The second secon			The second secon	THE PARTY OF THE P	
when you	water was		acres.	water the state	乙草
dealers	extended 1	157 A	a Carlifia	Le de de la constante	6.2
dereliale de Historiale de Historia de Histo	extra bear of	757 p.Z.	a Certifia	to galate	57
	HITTORICE STREET	19.57 F	a Certifica	to water	C #
	the Gullo, the permiser	19 of 7 of the state of the sta	a Certifica Presenta Bessenda	the water	22
mi ni Fire	HITTORICE STREET	ally use and belong o	a Certifica Premiore Come delease	The Wille	E #.
min Too	Jelio and malgro, to the o	ally use and belong o	The site of the factor		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
and to Tool	heles and entiges, to the e stand entiges (loover; se) for will beamfor claim or ments, he confinied and for	the unitary eight a	The site of the factor	The second of th	E tol. S. P.
and to Tool	heiro and maigns, to the o n and sarigns ficeros; no) for will beamber claim or	the unitary eight a	The site of the factor		Z 24. Z. 27. P.
and to Tool	heles and entiges, to the e stand entiges (loover; se) for will beamfor claim or ments, he confinied and for	the unitary eight a	The site of the factor		Z zł.
and to Tool	Jelio and enigns, to the or a and enigns finerat; no) so will be maker claim as ments, be confinted and fo	the unitary eight a	the use No. Co. Co. may may other r thing to the promition, or a		Z zz. Z Z z Z Z z Z Z
terms and behalf, shall them shall by these po	Delice and emigro, be the en- m and enrighe discover; no i two will be unaffer claim or ments, he confinied and for Discovery, 2 have	the military right a new harms.	The said of an interpretation for a	ng part theses), (not they :	Z zd. Z z z z z z z z z z z z z z z z z z z z
and to 1500 had wome and behalf, shall them shall by those po	Delice and emigro, be the en- m and enrighe discover; no i two will be unaffer claim or ments, he confinied and for Discovery, 2 have	the military right a new harms.	the unit. The factor of the same transfer of the parameter, for a factor of the parameter, for a factor of the same transfer of the sam	ng part theses), (not they :	Beg el
terms and behalf, shall them shall by those po	Delice and emigro, be the en- m and enrighe discover; no i two will be unaffer claim or ments, he confinied and for Discovery, 2 have	the military right a never harmed.	the unit. The factor of the same transfer of the parameter, for a factor of the parameter, for a factor of the same transfer of the sam	ng part theses), (not they :	(La)
terms and behalf, shall them shall by those po	Delice and emigro, be the en- m and enrighe discover; no i two will be unaffer claim or ments, he confinied and for Discovery, 2 have	the military right a never harmed.	the unit. The factor of the same transfer of the parameter, for a factor of the parameter, for a factor of the same transfer of the sam	ng part theses), (not they :	[ka]
terms and behalf, shall them shall by those po	Delice and emigro, be the en- m and enrighe discover; no i two will be unaffer claim or ments, he confinied and for Discovery, 2 have	the military right a never harmed.	the unit. The factor of the same transfer of the parameter, for a factor of the parameter, for a factor of the same transfer of the sam	ng part theses), (not they :	(t.s.)
The Effects of the second seco	Delice and entigen, by the or most entigen flowers; no) or will be mader claim as mosts, be confinied and for the power of any Lord stars to processes.	the soldier the soldier channel my right a rever harred.	the unit. The factor of the same transfer of the parameter, for a factor of the parameter, for a factor of the same transfer of the sam	ng part theses), (not they :	[ka]
The Bitters of Section 1	Delice and emigro, be the en- m and enrighe discover; no i two will be unaffer claim or ments, he confinied and for Discovery, 2 have	the military right a never harmed.	the unit. The factor of the same transfer of the parameter, for a factor of the parameter, for a factor of the same transfer of the sam	e verd	(t.s.)
The Effects of Contract of Con	Delice and entigen, by the or most entigen flowers; no) or will be mader claim as mosts, be confinied and for the power of any Lord stars to processes.	the soldier the soldier channel my right a rever harred.	the unit. The factor of the same transfer of the parameter, for a factor of the parameter, for a factor of the same transfer of the sam	e verd	(La)
The Bitters of State	District,	the military eight a court human set the self-	the said of the factor of the said and said well of the said and s	e verd	(La)
and to Tool terms and behalf, shall them shall by those po the district of them the state of the state of the the state of the state	Delice and emigra, be the entered and surject theoret; no it ments, be controlled and for the power of my Lord and processors. Classification of my Lord and processors. Classification of my Lord and processors.	the militer of the many states o	the said of the factor of the said and said well of the said and s	e verd	(La)
The Bitters of State	Delice and emigra, be the entered and surject theoret; no it ments, be controlled and for the power of my Lord and processors. Classification of my Lord and processors. Classification of my Lord and processors.	the military eight a court hammed uses eight a court hammed. Tomorrow not being the first and the court hammed uses the court had been been been been been been been bee	the said of the factor of the said and said well of the said and s	Section of the bar	(La)

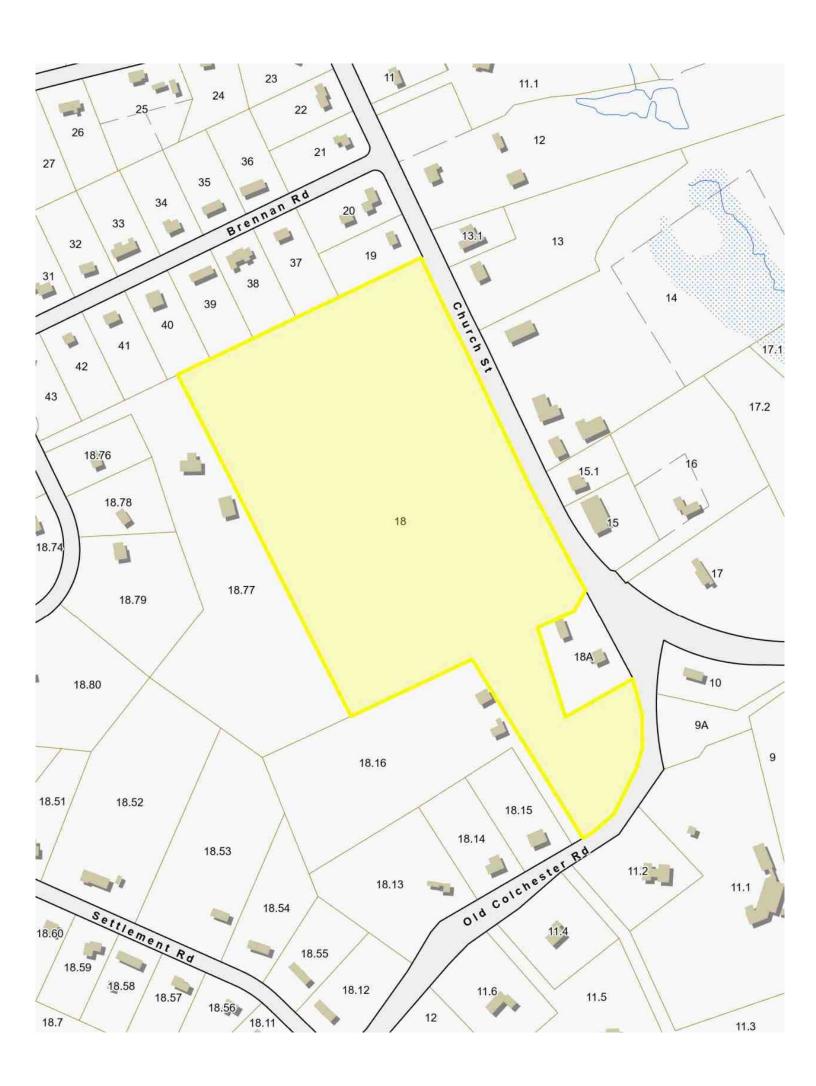
Lot Location Within Town of Hebron



Survey Map (Draft)



Site Map

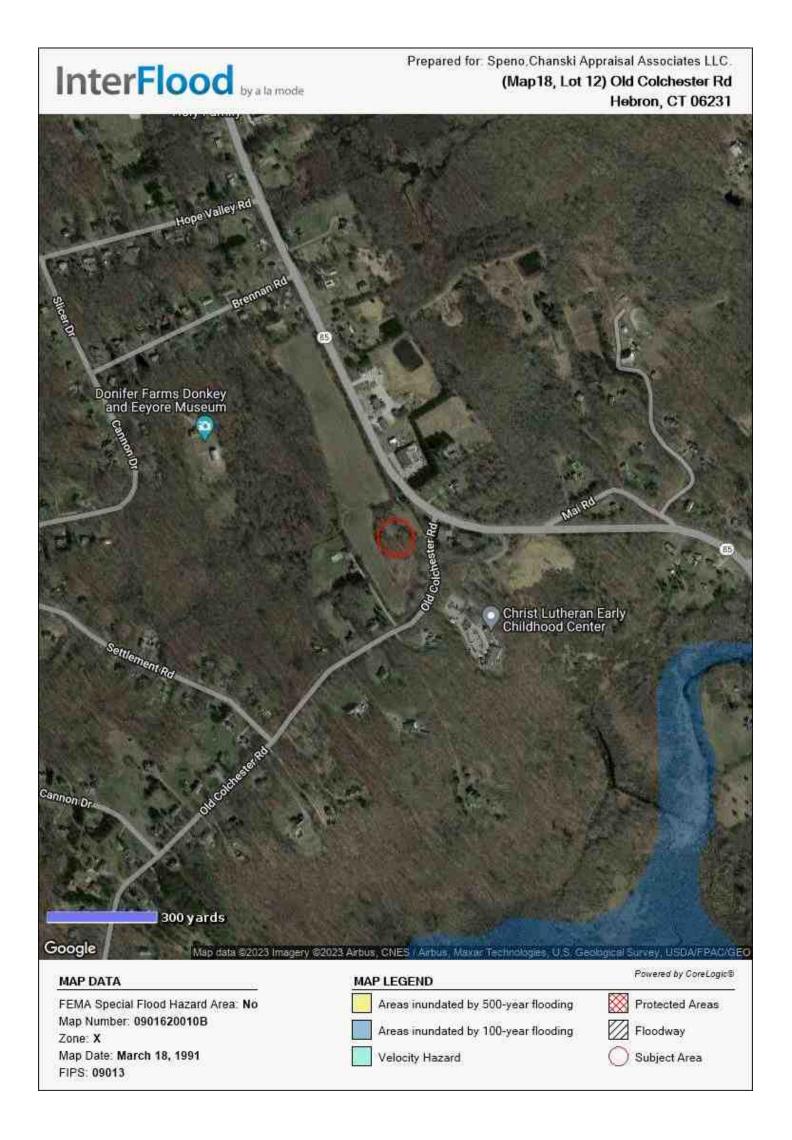


Aerial Photo

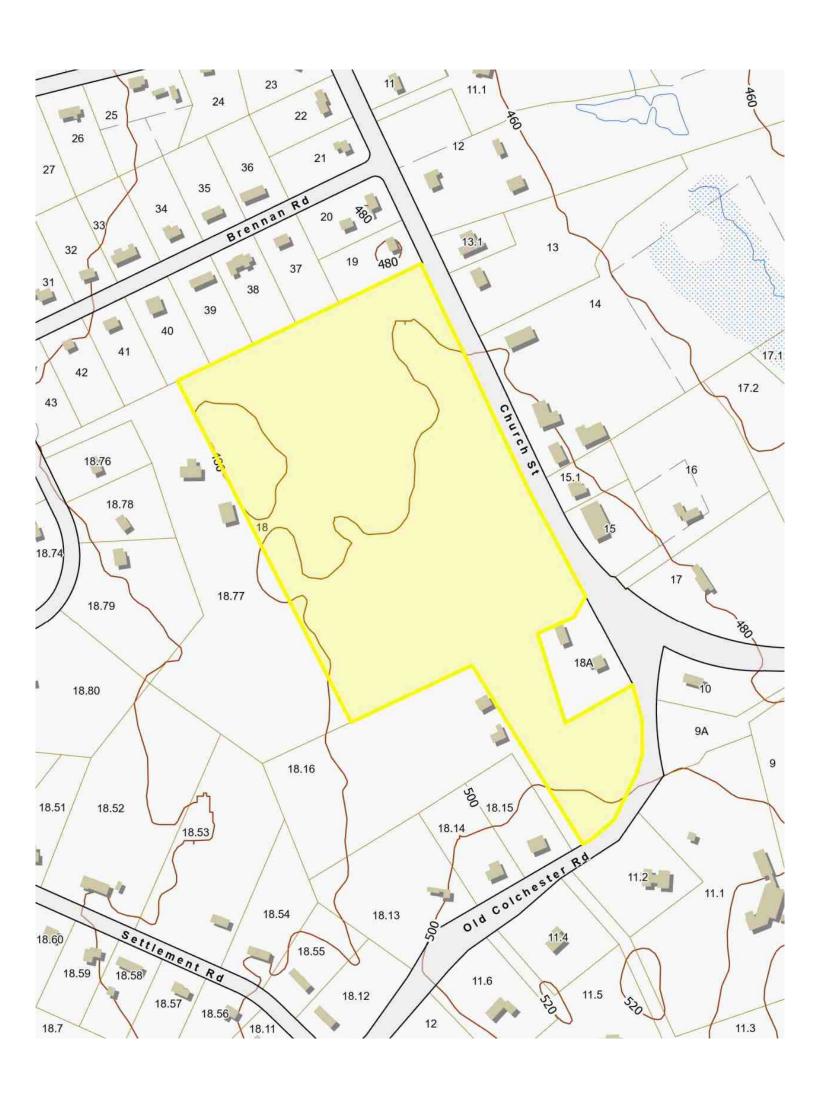


Flood Map

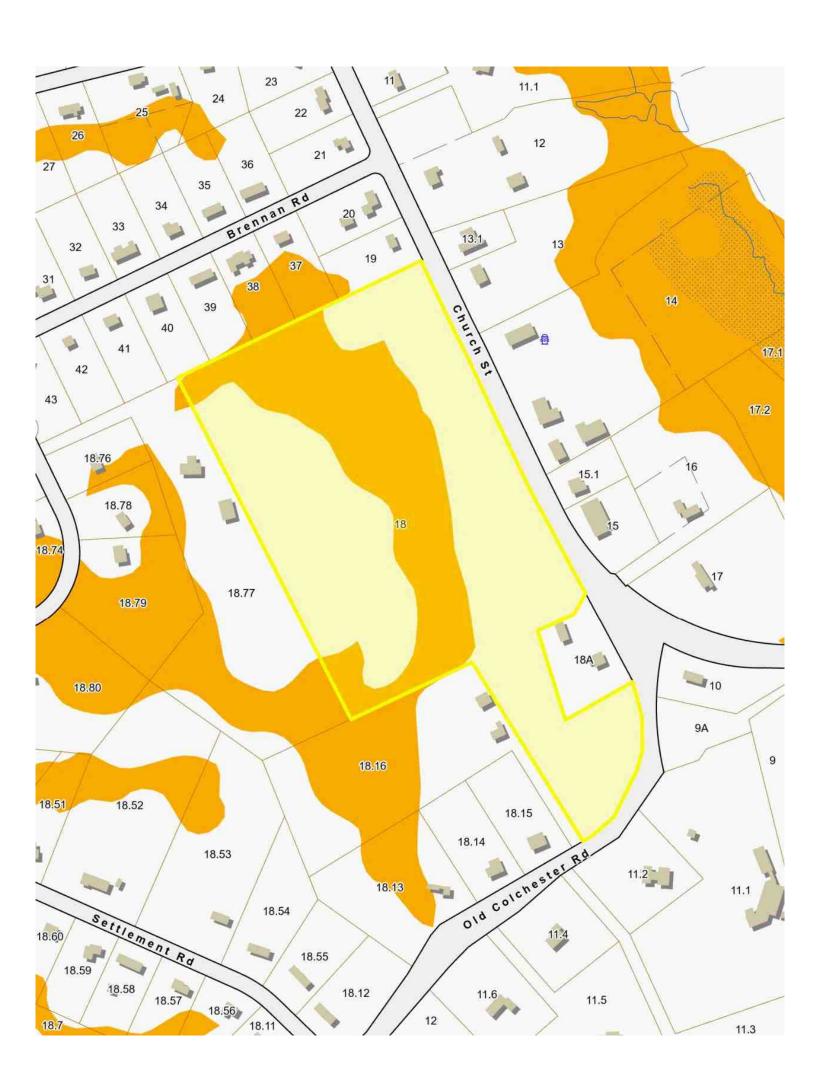
Client	David Ellenberg			
Property Address	(Map18, Lot 12) Old Colchester Rd			
City	Hebron	County Tolland	State CT	Zip Code 06231
Appraiser	Dennis A. Chanski, SRA			



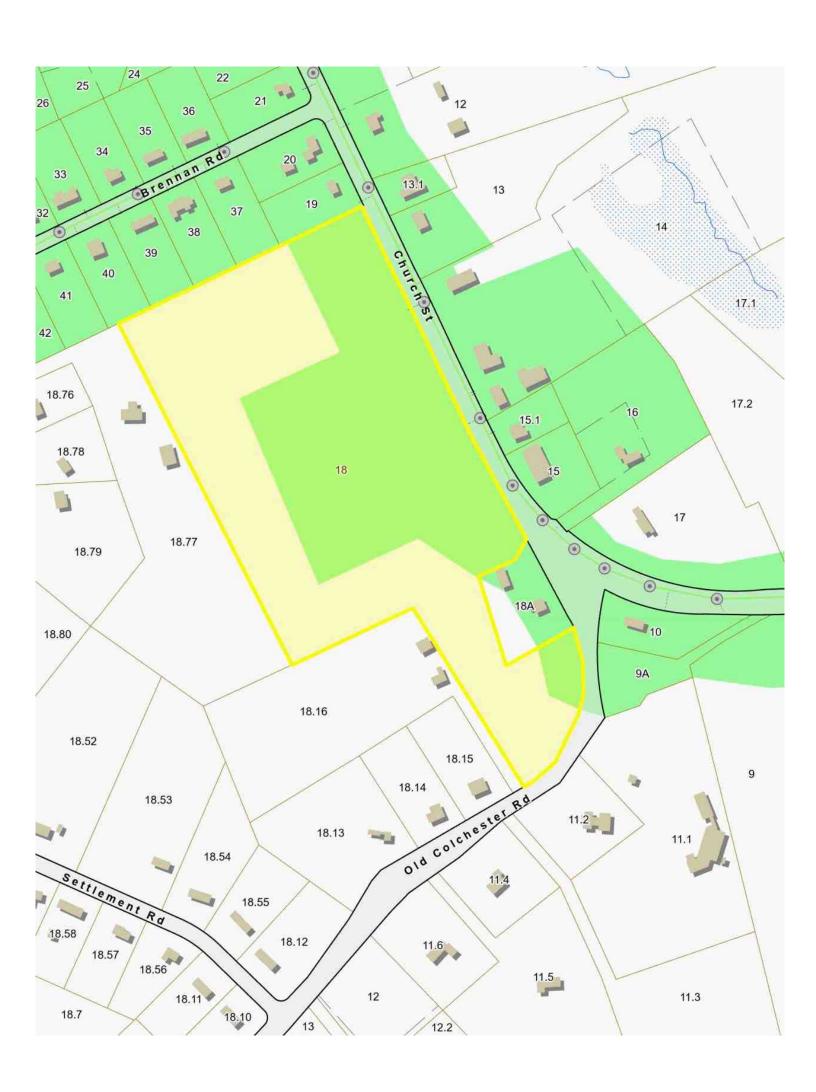
Topography Map



Wetland Map

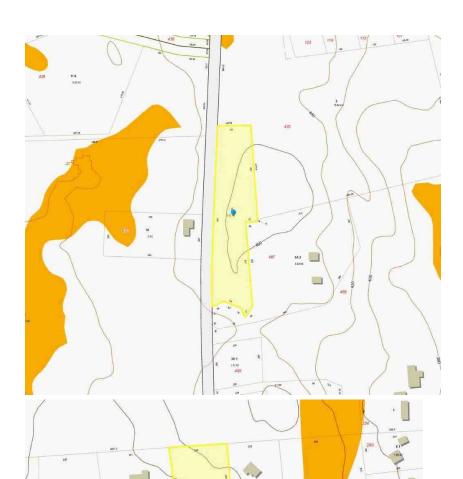


Sewer Map



Comparable Photo Page

Client	David Ellenberg						
Property Address	(Map18, Lot 12) Old Colchester Rd						
City	Hebron	County	Tolland	State	CT	Zip Code	06231
Appraiser	Dennis A. Chanski, SRA						



Comparable 1

(Map 18. L 4) Old Colchester Rd Prox. to Subject 1.99 miles S Sale Price 25,000

Gross Living Area Total Rooms Total Bedrooms Total Bathrooms

Location Average

View

3.02 Acres

Site Quality Age



408 Martin Rd

Prox. to Subject 5.20 miles NW

Sale Price 73,500

Gross Living Area **Total Rooms** Total Bedrooms **Total Bathrooms**

Location Average

View

Site 5.75 Acres

Quality Age



132 Hope Valley Rd

0.75 miles NW Prox. to Subject

Sale Price 79,900

Gross Living Area **Total Rooms** Total Bedrooms Total Bathrooms

Location Average

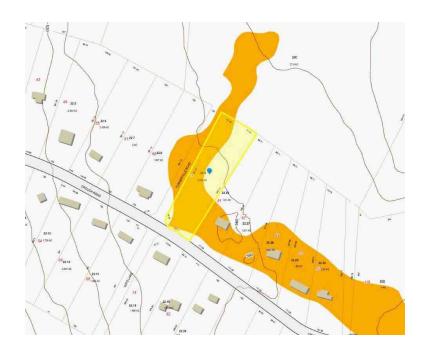
View

Site 5.21 Acres

Quality Age

Comparable Photo Page

Client	David Ellenberg						
Property Address	(Map18, Lot 12) Old Colchester Rd						
City	Hebron	County	Tolland	State	CT	Zip Code	06231
Appraiser	Dennis A. Chanski, SRA						



Comparable 4

75 Crouch Rd

Prox. to Subject 2.03 miles SE Sales Price 17,000

Gross Living Area Total Rooms Total Bedrooms Total Bathrooms

Location Average

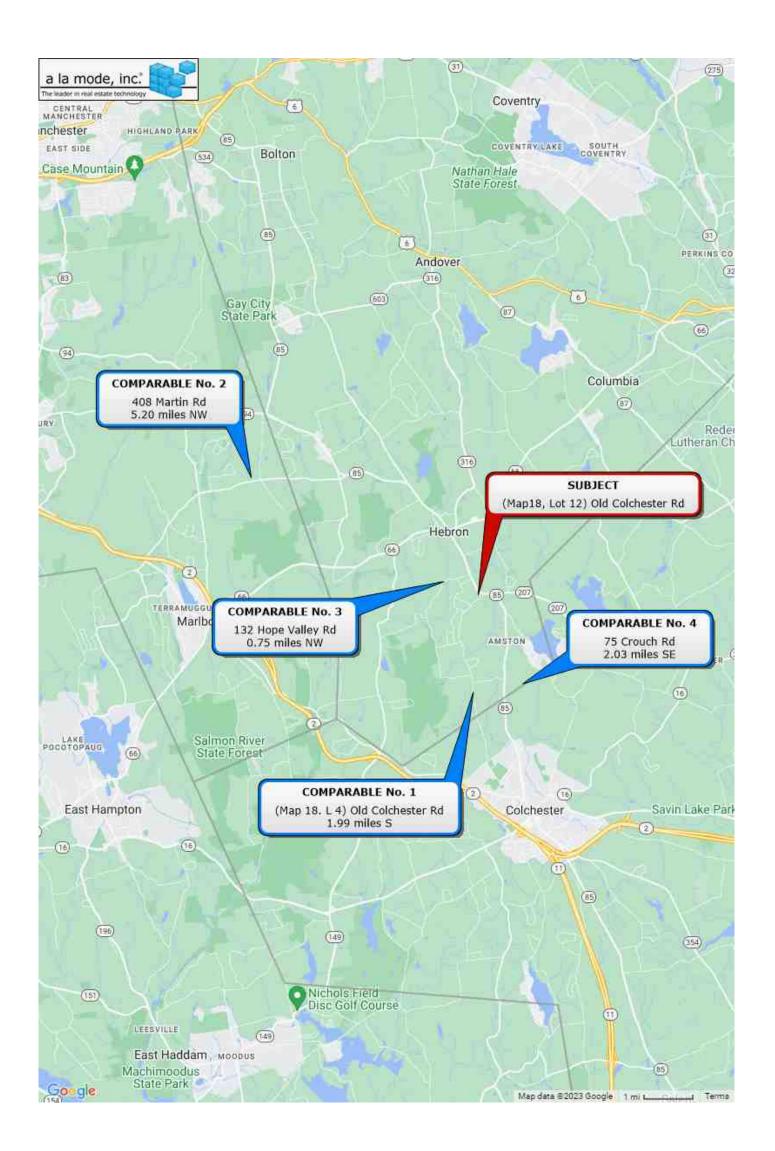
View Site

te 2.34 Acres

Quality Age

Location Map

Client	David Ellenberg			
Property Address	(Map18, Lot 12) Old Colchester Rd			
City	Hebron	County Tolland	State CT	Zip Code 06231
Annraiser	Dennis A Chanski SRA			



Assumptions, Limiting Conditions & Scope of Work

File No.: 23-159LN.DAC Property Address: (Map18, Lot 12) Old Colchester Rd City: Hebron State: CT Zip Code: 06231 Address: Client: David Ellenberg 1661 NW 143rd Terrace, Pembroke Pines FL 33028 Address: Dennis A. Chanski, SRA P.O. Box 154, Hebron, CT 06248

STATEMENT OF ASSUMPTIONS & LIMITING CONDITIONS

- The appraiser will not be responsible for matters of a legal nature that affect either the property being appraised or the title to it. The appraiser assumes that the title is good and marketable and, therefore, will not render any opinions about the title. The property is appraised on the basis of it being under responsible ownership.
- The appraiser may have provided a sketch in the appraisal report to show approximate dimensions of the improvements, and any such sketch is included only to assist the reader of the report in visualizing the property and understanding the appraiser's determination of its size. Unless otherwise indicated, a Land Survey was not performed.
- If so indicated, the appraiser has examined the available flood maps that are provided by the Federal Emergency Management Agency (or other data sources) and has noted in the appraisal report whether the subject site is located in an identified Special Flood Hazard Area. Because the appraiser is not a surveyor, he or she makes no guarantees, express or implied, regarding this determination.
- The appraiser will not give testimony or appear in court because he or she made an appraisal of the property in question, unless specific arrangements to do so have been made beforehand.
- If the cost approach is included in this appraisal, the appraiser has estimated the value of the land in the cost approach at its highest and best use, and the improvements at their contributory value. These separate valuations of the land and improvements must not be used in conjunction with any other appraisal and are invalid if they are so used. Unless otherwise specifically indicated, the cost approach value is not an insurance value, and should not be used as such.
- The appraiser has noted in the appraisal report any adverse conditions (including, but not limited to, needed repairs, depreciation, the presence of hazardous wastes, toxic substances, etc.) observed during the inspection of the subject property, or that he or she became aware of during the normal research involved in performing the appraisal. Unless otherwise stated in the appraisal report, the appraiser has no knowledge of any hidden or unapparent conditions of the property, or adverse environmental conditions (including, but not limited to, the presence of hazardous wastes, toxic substances, etc.) that would make the property more or less valuable, and has assumed that there are no such conditions and makes no guarantees or warranties, express or implied, regarding the condition of the property. The appraiser will not be responsible for any such conditions that do exist or for any engineering or testing that might be required to discover whether such conditions exist. Because the appraiser is not an expert in the field of environmental hazards, the appraisal report must not be considered as an environmental assessment of the property.
- The appraiser obtained the information, estimates, and opinions that were expressed in the appraisal report from sources that he or she considers to be reliable and believes them to be true and correct. The appraiser does not assume responsibility for the accuracy of such items that were furnished by other parties.
- The appraiser will not disclose the contents of the appraisal report except as provided for in the Uniform Standards of Professional Appraisal Practice, and any applicable federal, state or local laws.
- If this appraisal is indicated as subject to satisfactory completion, repairs, or alterations, the appraiser has based his or her appraisal report and valuation conclusion on the assumption that completion of the improvements will be performed in a workmanlike manner.
- An appraiser's client is the party (or parties) who engage an appraiser in a specific assignment. Any other party acquiring this report from the client does not become a party to the appraiser-client relationship. Any persons receiving this appraisal report because of disclosure requirements applicable to the appraiser's client do not become intended users of this report unless specifically identified by the client at the time of the assignment.
- The appraiser's written consent and approval must be obtained before this appraisal report can be conveyed by anyone to the public, through advertising, public relations, news, sales, or by means of any other media, or by its inclusion in a private or public database.
- An appraisal of real property is not a 'home inspection' and should not be construed as such. As part of the valuation process, the appraiser performs a non-invasive visual inventory that is not intended to reveal defects or detrimental conditions that are not readily apparent. The presence of such conditions or defects could adversely affect the appraiser's opinion of value. Clients with concerns about such potential negative factors are encouraged to engage the appropriate type of expert to investigate.

The Scope of Work is the type and extent of research and analyses performed in an appraisal assignment that is required to produce credible assignment results, given the nature of the appraisal problem, the specific requirements of the intended user(s) and the intended use of the appraisal report. Reliance upon this report, regardless of how acquired, by any party or for any use, other than those specified in this report by the Appraiser, is prohibited. The Opinion of Value that is the conclusion of this report is credible only within the context of the Scope of Work, Effective Date, the Date of Report, the Intended User(s), the Intended Use, the stated Assumptions and Limiting Conditions, any Hypothetical Conditions and/or Extraordinary Assumptions, and the Type of Value, as defined herein. The appraiser, appraisal firm, and related parties assume no obligation, liability, or accountability, and will not be responsible for any unauthorized use of this report or its conclusions.

Additional Comments (Scope of Work, Extraordinary Assumptions, Hypothetical Conditions, etc.):

The Scope of Work for this appraisal assignment consists of me, Dennis A. Chanski, SRA, physically inspected the subject, researching the Multiple Listing Service (MLS) records for this type of property and researching the land records for the subject town and verifying the data presented in this report. The comparable sales presented are inspected from the street and sales data is verified through the MLS and the town land records.

APPRAISAL DEVELOPMENT AND REPORTING PROCESS:

This is an Appraisal Report which is intended to comply with the reporting requirements set forth under Standards Rule 2-2(a) of the Uniform Standards of Professional Appraisal Practice for an Appraisal Report. As such, it presents only summary discussions of the data, reasoning, and analyses that were used in the appraisal process to develop the appraiser's opinion of value. Supporting documentation that is not provided with the report concerning the data, reasoning, and analyses is retained in the appraiser's file. The depth of the discussion contained in this report is specific to the needs of the client and for the intended use stated in the report. The appraiser is not responsible for unauthorized use of this report.

To develop the opinion of value, the appraiser performed a limited appraisal process, as defined by the Uniform Standards of Professional Appraisal Practice

The reported analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the requirements of the Code of Professional Ethics & Standards of Professional Appraisal Practice of the Appraisal Institute, which include the Uniform Standards of Professional Appraisal Practice. The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.



Certifications & Definitions

<u>ertifi</u>	cations & Definitions			File No.: 2	23-159LN.DAC
Property A	ddress: (Map18, Lot 12) Old Colchester Rd		City: Hebron	State: CT	Zip Code: 06231
Client:	David Ellenberg	Address:	1661 NW 143rd Terrace, Pembrok	e Pines FL 330	28
Appraiser:	Dennis A. Chanski, SRA	Address:	P.O. Box 154, Hebron, CT 06248		

APPRAISER'S CERTIFICATION

I certify that, to the best of my knowledge and belief:

- The statements of fact contained in this report are true and correct.
- The credibility of this report, for the stated use by the stated user(s), of the reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and are my personal, impartial, and unbiased professional analyses, opinions, and conclusions.
- I have no present or prospective interest in the property that is the subject of this report and no personal interest with respect to the parties involved.
- I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.
- My engagement in this assignment was not contingent upon developing or reporting predetermined results.
- My compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal.
- My analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice that were in effect at the time this report was prepared.
- I did not base, either partially or completely, my analysis and/or the opinion of value in the appraisal report on the race, color, religion, sex, handicap, familial status, or national origin of either the prospective owners or occupants of the subject property, or of the present owners or occupants of the properties in the vicinity of the subject property.
- Unless otherwise indicated, I have made a personal inspection of the property that is the subject of this report.

Additional Certifications:

As of the date of this report, I have completed the continuing education program of the Appraisal Institute. My state of Connecticut Certified Residential Appraiser license is current and the required continuing education is completed for the present licensing cycle.

DEFINITION OF MARKET VALUE *:

Market value means the most probable price which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller each acting prudently and knowledgeably, and assuming the price is not affected by undue stimulus. Implicit in this definition is the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby:

- 1. Buyer and seller are typically motivated;
- 2. Both parties are well informed or well advised and acting in what they consider their own best interests:
- 3. A reasonable time is allowed for exposure in the open market;
- 4. Payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto; and
- 5. The price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.
- This definition is from regulations published by federal regulatory agencies pursuant to Title XI of the Financial Institutions Reform, Recovery, and Enforcement Act (FIRREA) of 1989 between July 5, 1990, and August 24, 1990, by the Federal Reserve System (FRS), National Credit Union Administration (NCUA), Federal Deposit Insurance Corporation (FDIC), the Office of Thrift Supervision (OTS), and the Office of Comptroller of the Currency (OCC). This definition is also referenced in regulations jointly published by the OCC, OTS, FRS, and FDIC on June 7, 1994, and in the Interagency Appraisal and Evaluation Guidelines, dated October 27, 1994.

	Client Contact: Roderic McCorrison Clie	ent Name: David Ellenberg
	E-Mail: rmccorrison@comcast.net Address:	1661 NW 143rd Terrace, Pembroke Pines FL 33028
	APPRAISER	SUPERVISORY APPRAISER (if required)
		or CO-APPRAISER (if applicable)
တ		
SIGNATURES	9/	Supervisory or
김	Appraiser Name: Dennis A. Chanski, SRA	Co-Appraiser Name:
۲	Company: Speno Chanski Appraisal Associates	Company:
9	Phone: <u>(860)</u> 530-1643 Fax: <u>(860)</u> 530-1643	Phone: Fax:
,	E-Mail: dachanski@gmail.com	E-Mail:
	Date Report Signed: 11/28/2023	Date Report Signed:
	License or Certification #: RCR.1993 State: CT	License or Certification #: State:
	Designation: Certified Residential Appraiser	Designation:
	Expiration Date of License or Certification: 04/30/2024	Expiration Date of License or Certification:
	Inspection of Subject: Did Inspect Did Not Inspect (Desktop)	Inspection of Subject: Did Inspect Did Not Inspect
	Date of Inspection: 10/16/2023	Date of Inspection:



January 3, 2024

Mr. Mathew Bordeaux Director of Planning and Development Town of Hebron 15 Gilead Street Hebron, CT 06248

> Re: PZC Petition 2023-10 Ellenberg Subdivision

Church Street Map 12, Lot 18

NLJA #0647-0289

Dear Mr. Bordeaux:

As requested, we have reviewed the following information for the subject project received at our office through December 8, 2024:

- Item 1: Subdivision Application with attached project information including: Subdivision Application Checklist, Assessor Parcel Mapping, Abutters List and Application for Inlands Wetlands and Watercourse Permit and supporting materials.
- Item 2: Drawing titled "Existing Conditions Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, prepared by Rob Hellstrom Land Surveying, LLC.
- Item 3: Drawing titled "Subdivision Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, prepared by Rob Hellstrom Land Surveying, LLC.
- Item 4: Drawing titled "Site Development Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, prepared by Rob Hellstrom Land Surveying, LLC.
- Item 5: Drawing titled "Notes & Details Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale as noted, dated December 1, 2023, prepared by Rob Hellstrom Land Surveying, LLC.
- Item 6: Letter Report from Mark Reynolds P.E to David Ellenberg titled "Engineering Considerations , Ellenberg Subdivision Church Street Hebron, CT project no. 23-092," dated November 30, 2023.

The subject application proposes a subdivision of five (5) lots (two (2) residential and three (3) commercial) on a 26.98-acre parcel which has frontage on Church Street (CT Route 85) and Old Colchester Road. The three commercial lots are located on the west side of Church Street within the Neighborhood Convenience



Mr. Mathew Bordeaux Re: PZC Petition 2023-10 Ellenberg Subdivision

Church Street Map 12, Lot 18

NLJA #0647-0289

January 3, 2023 Page 2

District. The two residential lots are located to the north and south within the Residence-1 Zone. Although driveway locations are not shown on the submitted plan, it is presumed all lots will have driveway access from Church Street. Although not detailed on the submitted plans, but based on location within the sewer service district, connection to existing public sewer is proposed. In this regard, building locations should be shown so that their relationship to the sewer district can be confirmed. Also not shown on existing plans, but discussed in the Engineer's Report, water service is to be by individual wells. No public improvements are proposed.

We have the following comments:

- 1. The submitted plans include a Site Development Plan, however no proposed site improvements are shown. Section 5.5B.1 of the Hebron Subdivision Regulations (Regulations) requires that the Site Development Plan include existing and proposed contours. Section 5.5B.9 of that Section requires that the plan include the proposed house or structure, subsurface sewage disposal area, reserve area, well location, well protection radii, yard drains and points of discharge of all yard drains, all subsurface drains, and driveway location for each lot of the subdivision.
- An Erosion and Sedimentation Control Plan as required in Section 5.5D of the Regulations has not been provided. The drawings include general erosion and sedimentation control guidelines however this does not provide the elements of the plan as required in Items a through f of the referenced Section.
- 3. An Engineer's Report has been provided as required in Section 5.5E of the Regulations. However, the Report does not provide a narrative describing the proposed development, as required in that Section.
- 4. A Stormwater Management Plan as required in Section 5.5G of the Subdivision Regulations has not been provided. The Engineer's Report addresses this by noting that stormwater shall be managed for future lot development on a lot-by-lot basis and shall be designed in detail at the time each future lot development is contemplated and specifically for the proposed use. We are not aware of a provision in the Regulations that allows this approach. The Report goes on to state that stormwater runoff response from the existing cultivated crop land is high, and the development of these lots will result in a significant amount of cropland being planted to permanent grass thereby reducing the volume of runoff from the property. While this may be the case for the change from cropland to grass, the development will also result in new impervious surfaces and likely changes in stormwater conveyance which will increase volume and peak discharge of stormwater runoff. Without a development plan and a pre-development and post-development drainage analysis, an evaluation of the impacts from stormwater runoff and determination of any required mitigation measures cannot be made.
- 5. The Engineer's Report indicates that individual evaluations of driveway sightline will be prepared and reviewed for each individual lot as the development proceeds and that the sightline for the Lot 4/5 area was evaluated in detail by the Engineer as part of their work. As noted above, driveway locations



Mr. Mathew Bordeaux

Re: PZC Petition 2023-10 Ellenberg Subdivision

Church Street Map 12, Lot 18

NLJA #0647-0289

January 3, 2023

Page 3

should be shown on the submitted Site Development Plan and any specific sightline analyses should be included with the application materials

If there are any questions, please feel free to contact me.

Sincerely yours,

NATHAN L. JACOBSON & ASSOCIATES, INC.

Thun H. Funto

Thomas H. Fenton, P.E

THF:thf

cc: Andrew Tierney,
Paul Forrest
Jim Cordier

Mark A. Reynolds, P.E.



January 26, 2024

Mr. Mathew Bordeaux Director of Planning and Development Town of Hebron 15 Gilead Street Hebron, CT 06248

Re: PZC Petition 2023-10

Ellenberg Subdivision

Church Street Map 12, Lot 18

Engineering Review-Revised Submission

NLJA #0647-0289

Dear Mr. Bordeaux:

As requested, in addition to the items previously noted in our January 3, 2024 review letter, we have reviewed the following information for the subject project received at our office by email attachment through January 23, 2024:

- Item 1: Drawing titled "Existing Conditions Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, and revised 1/10/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item2: Drawing titled "Subdivision Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, and revised 1/10/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item 3: Drawing titled "Site Development Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, and revised 1/10/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item 4: Drawing titled "Notes & Details Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale as noted, dated December 1, 2023, and revised 1/10/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item 5: Letter Report from Mark Reynolds P.E to David Ellenberg titled "Final Drainage Design Report, Ellenberg Subdivision Church Street Hebron, CT project no. 23-092," dated January 12, 2024 with attachments including Drainage Area Map, Pre-Development Drainage Analysis, Post Development Drainage Analysis, Web Soil Survey Soil Mapping, NOAA Precipitation frequency Estimates and Depth-Duration-Frequency Curves.



Mr. Mathew Bordeaux Re: PZC Petition 2023-10

Ellenberg Subdivision

Church Street Map 12, Lot 18

Engineering Review-Revised Submission

NLJA #0647-0289

January 26, 2024

Page 2

As previously noted, the subject application proposes a subdivision of five (5) lots (two (2) residential and three (3) commercial) on a 26.98-acre parcel which has frontage on Church Street (CT Route 85) and Old Colchester Road. Since our initial review, the plans have been updated to show proposed improvements on the Site Development Plan and a Drainage Design Report has been provided. It is understood that each of the three commercial lots will require future applications to the Planning & Zoning Commission for site plan and special permit review; and that development plans for individual lots which exceed the level of activity currently shown within regulated (wetland and upland review) areas will require sperate applications to the Conservation Commission.

In addition to reviewing the submitted information, we viewed the video recording of the Conservation Commission Public Hearing which was conducted on January 18, 2024. We are aware that the subject project currently has applications before both the Planning and Zoning and Conservation Commissions. In this regard, we have not segregated our comments below with respect to issues under each Commission's purview, but rather our comments are intended as a general engineering review of project information and documentation provided to date.

At this time, we have the following comments:

- 1. The Site Development Plan should delineate the limits of land disturbance. At this point, it would seem this is best defined on the plans by the limits of grading (proposed contours) and/or the location of silt fence shown. However, a comparison of the pre-development and post development land uses in the Drainage Design Report shows that there are 7.69 acres of row crops in the pre-development condition and zero in the post development condition, indicating that all the row crop land use will be changed to either developed surfaces or grass. If the existing row crops extend up to the wood line as shown on the plans, then this area should be included within the disturbance limits and silt fence should be located downgradient of the land disturbance.
- 2. The Legend on the Site Development Plan identifies a Possible Development Area. It would seem that this is no longer relevant (and not shown on the plan) since a conceptual development plan is now shown.
- 3. A single drainage area Map was submitted, presumably to represent both pre-development and post development conditions. The map delineates a drainage area from the property line along Church Street on the easterly side to a line extending approximately along the back of the commercial lots on the west. However, a review of the Existing Conditions Plan indicates that is an area within the property along the Church Street frontage which appears to drain to the northeast to the swale along Church Street. Similarly, since existing contours are not extended to the western part of the site, it is not clear that the drainage area delineation on the westerly side is based on the actual contours in that area. To support the drainage analysis, full scale drainage area maps should be provided for both



Mr. Mathew Bordeaux

Re: PZC Petition 2023-10 Ellenberg Subdivision

Church Street Map 12, Lot 18

Engineering Review-Revised Submission

NLJA #0647-0289

January 26, 2024

Page 3

the pre and post development condition based on existing contours and proposed conditions respectively.

- 4. It was noted in the Public Hearing that the future development on each lot will require separate new wetland permit applications to the Conservation Commission for further review. As a point of clarification, it is our understanding that this would be the case only if the Site Development Plan for a lot included changes to the proposed activities within the regulated area.
- 5. It was stated by the Applicant's Engineer during the Public Hearing that development of the lots, and specifically impervious coverage, will ultimately be limited by Zoning Regulations. Presumably this refers to maximum lot building coverage requirements or Neighborhood Convenience Zone maximum building size. Since this point was raised, it seems relevant to indicate what the maximum development footprint could be relative to what is now shown on the plan.
- 6. We understand that the detailed design of stormwater practices for each lot is anticipated to be done with future site development plans. However, in that a Rain Garden Detail is included in the plans, given the nature of the soils on the site as poorly drained (Hydrologic Soil Group D) with seasonal high groundwater, the design would presumably need to be consistent with the Connecticut Stormwater Quality Manual for bioretention systems with underdrains. If so, the detail should reflect that, and the underdrain discharge should be shown on the Site Development plan.

If there are any questions, please feel free to contact me.

Sincerely yours,

NATHAN L. JACOBSON & ASSOCIATES, INC.

Thun H. Funto

Thomas H. Fenton, P.E

THF:thf

cc: Andrew Tierney,
Paul Forrest
Jim Cordier
Mark A. Reynolds, P.E.



February 20, 2024 **Revised**

Mr. Mathew Bordeaux Director of Planning and Development Town of Hebron 15 Gilead Street Hebron, CT 06248

Re: PZC Petition 2023-10

Ellenberg Subdivision

Church Street Map 12, Lot 18

Engineering Review-Revised Submission

NL1A #0647-0289

Dear Mr. Bordeaux:

As requested, in addition to the items previously noted in our January 3, 2024 and January 26, 2024 review letters, we have reviewed the following information for the subject project received at our office by email attachment through February 19, 2024:

- Item 1: Drawing titled "Existing Conditions Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, and last revised 1/31/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item2: Drawing titled "Subdivision Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, and last revised 1/31/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item 3: Drawing titled "Site Development Plan Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale 1"=80', dated December 1, 2023, and last revised 1/31/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item 4: Drawing titled "Notes & Details Ellenberg Subdivision Prepared For Dave Ellenberg Assessors No. 12-18 Church Street Hebron Connecticut," scale as noted, dated December 1, 2023, and last revised 1/31/24, prepared by Rob Hellstrom Land Surveying, LLC and Reynolds Engineering Services, LLC.
- Item 5: Letter Report from Mark Reynolds P.E to David Ellenberg titled "Final Drainage Design Report (Revised 2/16/24) Ellenberg Subdivision Church Street Hebron, CT project no. 23-092," dated February 16, 2024 with attachments including Pre-development and Post Development Drainage Area Maps, Pre-Development Drainage Analysis, Post Development Drainage



Mr. Mathew Bordeaux Re: PZC Petition 2023-10

Ellenberg Subdivision

Church Street Map 12, Lot 18

Engineering Review-Revised Submission

NLJA #0647-0289

February 20, 2024

Page 2

Analysis, Web Soil Survey Soil Mapping, NOAA Precipitation frequency Estimates and Depth-Duration-Frequency Curves.

The above noted submitted items have been revised to address the comments of our January 26, 2024 review letter. Based on our review of these items, along with email correspondence from the Applicant's Engineer and discussion with you as to items presented at the Conservation Commission continued Public Hearing of February 8, 2024, we can now confirm that our previous review comments have been adequately addressed.

If there are any questions, please feel free to contact me.

Sincerely yours,

NATHAN L. JACOBSON & ASSOCIATES, INC.

Thomas H. Fenton, P.E

Thun H. Funto

THF:thf

cc: Andrew Tierney,
Paul Forrest
Jim Cordier
Mark A. Reynolds, P.E.





Town Office Building
15 GILEAD STREET
HEBRON, CONNECTICUT 06248
TELEPHONE: (860) 228-5971
FAX: (860) 228-5980

www.hebronct.com

February 23, 2024

Roderic A. McCorrison 134 Hope Valley Road Amston, CT 06231 PLANNING & DEVELOPMENT

PLANNING

ECONOMIC DEVELOPMENT

CONSERVATION

HEALTH

BUILDING

CERTIFIED MAIL

Re: Petition 2023-04 - Church Street, Map 12, Lot 18. Zone NC into three lots & Zone R-1 into two lots, Roderic A. McCorrison, 5-Lot Subdivision

NOTICE OF DECISION

Dear Mr. McCorrison:

After reviewing the application for a five-lot Subdivision, part of which is within an inland wetlands upland review area and, based upon the findings in accordance with Section 22a-41 of the Connecticut General Statutes, **approval** is granted for conducting the activity described in the above-referenced application, with the following conditions:

- A. The Wetlands Agent will be contacted by the developers for site inspection during the implementation of SEC measures.
- B. The Wetlands Agent will report to the Commission any adjustments to this plan that may have additional impact to the wetlands, pursuant to activity under Section 2.1.24 of the Hebron Conservation and Inland Wetlands Regulations.
- C. The Applicant will incorporate the use of native grass, shrubs, berries, and nut trees to establish native species, discourage non-native species and delineate the upland review area.
- D. The Conservation and Inland Wetlands Commission conveys its recommendation to the Planning and Zoning Commission of the Applicant's payment of Fees in Lieu of Open Space.
- E. The Conservation and Inland Wetlands Commission recommends that the Planning and Zoning Commission considers evaluating whether storm water runoff should be further controlled as part of site development planning.
- F. The Conservation and Inland Wetlands Commission recommends to the Planning and Zoning Commission that the use of underground storage tanks be restricted due to the high groundwater table and proximity to the wetlands.

Roderic A. McCorrison Re: Petition 2023-04 Page 2 of 2

February 23, 2024

We wish you success in this endeavor. Should you have any questions, please contact me at 860-228-5971, extension 139, or at icordier@hebronct.com

For the Hebron Conservation and Inland Wetlands Commission:

James P. Cordier, MPH RS

Conservation and Inland Wetlands Agent

Town of Hebron

cc: Matt Bordeaux, Director of Planning and Development

Tom Loto, Chairman, Conservation and Inland Wetlands Commission David Ellenberg, 1661 NW 143rd Terrace, Pembroke Pines, FL 33028

File # 2023-04

Section 3.D

BUSINESS DISTRICTS & USES

NEIGHBORHOOD CONVENIENCE (NC)

3.D.4 DIMENSIONAL STANDARDS

See Section 6.A for possible dimensional exceptions.

Lot-Related Requirements	NC
Minimum Lot Area	21,780 SF
Minimum Lot Frontage	75 Feet

Setback-Related Requirements	
Minimum Front Yard Setback	30 Feet
Minimum Side Yard Setback	15 Feet
Minimum Rear Yard Setback	25 Feet

Building-Related Limitations	
Maximum Building Height	2 1/2 Stories or 25 Feet, whichever is more restrictive
Maximum Building Coverage	20%

3.D.5 ADDITIONAL STANDARDS

- 1. Hours of operation shall be limited to the period 6:00 AM to 10:00 PM.
- 2. To insure limited, low-intensity uses consistent with the intent of this district, no building in this district shall have a gross floor area in excess of five thousand (5,000) square feet with a maximum of 2 buildings per lot except that the Commission may, by Special Permit, approve a building in excess of 5,000 square feet and more than two (2) buildings per lot provided that the Commission shall find that the resulting Site Plan, building design and building placement do not negatively impact the surrounding neighborhood when taking into consideration the Special Permit criteria found in Section 7.D as well as the following specific considerations:
 - a. the overall use, building location(s) and building design are compatible with the surrounding neighborhood;
 - b. type and intensity of proposed use;
 - c. proximity and sufficient buffering to residential neighbors;
 - d. conformance of the proposed architectural design to the design guidelines incorporated in Section 5.A of these Regulations, and where such design is found to lessen impact of the building's size with respect to its compatibility to the neighborhood; and
 - e. quality of site design and landscaping.
- No new parking spaces in the Neighborhood Convenience District shall be located between the front facade of the principal building and the abutting streets unless approved by the Commission by Special Permit due to special or unique circumstances.

TOWN OF HEBRON PLANNING AND DEVELOPMENT DEPARTMENT

TO: Planning and Zoning Commission

FROM: Matthew R. Bordeaux, Town Planner

DATE: March 7, 2024

RE: Petition 2024-01 & 02 – Petition of Town of Hebron to construct a pedestrian bridge and

sidewalk connection between the Douglas Library of Hebron and Pendleton Drive. Application is filed pursuant to Sections 3.A.3.4.1 and 3.B.2.5.1 of the Hebron Zoning

Regulations, Hebron Green and Main Street Districts.

Introduction

The Town of Hebron proposes to construct a pedestrian connection between the Douglas Library on the Hebron Green to the existing public parking lot on Pendleton Dr. A pedestrian bridge will be constructed to span the unnamed brook conveying stormwater from a small watershed around Main St.

The route will stay on Town-owned property except for a minor encroachment across the entrance drive to Dunne's Gymnastics at 38 Pendleton Dr. The owner has expressed support for the project and is willing to execute an easement required to construct the crossing.

The majority of the route will be improved with a 5' wide concrete sidewalk, however, to better accommodate future bicycle traffic, the portion of the route between the proposed bridge and the exit driveway at Dunne's Gymnastics will be 6' wide.

The project will include pedestrian-scale, historically appropriate lighting consistent with the model used in the Hebron Green Village District, split-rail fencing in the vicinity of the wetland regulated area, and a variety of vegetation.

The project has been identified in <u>The Hebron Center Plan</u>, adopted in 2016, as an "important pedestrian connection". Construction of the project will be funded by a Small Town Economic Assistance Program (STEAP) Grant awarded to the Town in 2022. As a State-funded project, a Project Review request was submitted to the State Historic Preservation Office (SHPO). The SHPO's response stated that there will be no adverse effect to historic properties. A copy of the letter dated October 28, 2022, is attached for your review.

Inland Wetlands Permit

At their February 8, 2024 meeting, the Conservation Commission approved the Inland Wetlands Permit Petition #2024-01 for activity proposed in proximity to the unnamed brook and a naturalized drainage ditch conveying stormwater from Pendleton Dr toward the aforementioned unnamed brook. The approval included conditions, one of which was a recommendation to the Planning and Zoning Commission to "Examine the state of the stone walls and have the PZC take a closer look at their disposition." A photo of the stone walls in question will be provided at the meeting.

Hebron Green Village District

As stated above, the pedestrian improvement route is located in both the Hebron Green and Main Street District. Due to its location in the Hebron Green District, which is a designated Village District, the application was referred to the Hebron Historic Properties Commission on January 10, 2024. Light posts and fixtures consistent with the model used through the Hebron Green are specified for the proposed pedestrian route. The only other material additions are the proposed bridge, the use of split rail fence, and landscape plantings.

Comment: As I have not received a response from the Historic Properties Commission, I recommend the Commission condition the permit to consider any recommendations provided and if they in any way warrant the Commission's consideration, I can address the Commission accordingly. At this time, this project is highly anticipated and expected to be a valued addition to activities planned in the center of town. We hope to prepare project specifications and bid the project as soon as possible.

Special Permit and Site Plan

The proposed project requires Special Permit approval from the Planning and Zoning Commission in accordance with Sections 3.A.3.4.1 due to its location in the Hebron Green Village District, and Section 3.B.2.5.1 for its location in the Main Street District. The Commission shall consider the Special Permit Criteria of Section 7.D.5 of the Hebron Zoning Regulations as they apply to the proposed project.

MRB

 $H:\Matt\Boards\ \&\ Commissions\ \PZC\Applications\ \ 2024-01\ \&\ 02\ \ Pedestrian\ Bridge\ \ Memo.docx\ Attachments$

ABBREVIATIONS BITUMINOUS BOTTOM OF STONE ALIGNMENT CURVE NUMBER CORRUGATED POLYETHYLENE PIPE **ELEVATION** REINFORCED CONCRETE PIPE

	LEGEND	
Existing		PROPOSED
100	INDEX CONTOUR	100
98	INTERMEDIATE CONTOUR	98
× 99.0	SPOT ELEVATION	99.00 +
× 23.0	TREE LINE	~~~~~
	SHRUB LINE/TALL GROUND	
.\\/_	COVER/LANDSCAPING	
*	CONIFEROUS TREE	
()	DECIDUOUS TREE	
	BEOIDOGG TREE	
M/4.		
* (1)	SHRUB	
	STUMP	
	BOULDER/LEDGE	
• • • • • • • • • • • • • • • • • • • •	STONE WALL	
	EDGE OF WATER	
⊙	WETLAND FLAG	
	COINCIDENTAL STATE AND FEDERAL WETLAND LINE	
	PAVEMENT EDGE	
	BITUMINOUS CONCRETE CURBING	
	CONCRETE CURBING	
	CHAIN LINK FENCE	•
-x-x-x-x-x-x-	WIRE FENCE	xx
	WOOD FENCE	
_	GUIDE RAIL	<u> </u>
Ψ	MAILBOX	U U
T	SIGN	- 0-
\	SITE LIGHT	<u>↓</u>
4	SHE DON'T	TYPE "C" TYPE "C-G" TYPE "C-L"
	CATCH BASIN	
	S. A OH BAOM	TYPE "C" TYPE "C" DBL GRT TYPE I DBL GRT TYPE II
©	LAWN INLET	
	FLARED END	
	MANHOLE	
<u></u>	HYDRANT	<u>-</u> Ğ-
T (2)	VALVE	Ī
		▼
-0-	UTILITY POLE	•
- ○ - >>		Φ
→ >— \(\) \(\) \(\)	UTILITY POLE	Φ
→ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT	Φ
——————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES	•
c	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT	•
c	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE	•
c	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE	•
c	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE	•
c	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE	•
	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE	
	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY	
— — — — — — — — — — — — — — — — — — —	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE	
— — — — — — — — — — — — — — — — — — —	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE PERMANENT EASEMENT	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE PERMANENT EASEMENT TEMPORARY EASEMENT	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE PERMANENT EASEMENT TEMPORARY EASEMENT SURVEY CONTROL	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE PERMANENT EASEMENT TEMPORARY EASEMENT SURVEY CONTROL SEDIMENT BARRIER	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE PERMANENT EASEMENT TEMPORARY EASEMENT SURVEY CONTROL SEDIMENT BARRIER PAVEMENT SAWCUT	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE PERMANENT EASEMENT TEMPORARY EASEMENT SURVEY CONTROL SEDIMENT BARRIER PAVEMENT SAWCUT SIDEWALK CENTERLINE WITH CURVE AND LINE START AND END	
—————————————————————————————————————	UTILITY POLE UTILITY POLE WITH GUY UTILITY POLE WITH LIGHT AERIAL UTILITIES COMMUNICATIONS LINE ELECTRIC LINE GAS LINE SANITARY LINE STORM PIPE WATER LINE UNKNOWN UNDERGROUND UTILITY SURVEY MONUMENT PROPERTY LINE STREET LINE SETBACK LINE PERMANENT EASEMENT TEMPORARY EASEMENT SURVEY CONTROL SEDIMENT BARRIER PAVEMENT SAWCUT SIDEWALK CENTERLINE WITH	

CONTRACT DRAWINGS FEBRUARY 2024

TOWN OF HEBRON



CONNECTICUT

PEDESTRIAN BRIDGE AND TRAIL PENDLETON DRIVE TO LIBRARY

BOARD OF SELECTMEN

PETER D. KASPER, CHAIRMAN DANIEL E. LARSON, VICE-CHAIRMAN TIFFANY V. THIELE **KEITH PETIT CLAUDIA RILEY**

DIRECTOR OF PLANNING AND DEVELOPMENT

MATTHEW R. BORDEAUX

TOWN MANAGER

ANDREW J. TIERNEY

DIRECTOR OF PUBLIC WORKS PAUL J. FORREST

APPROVED BY TOWN

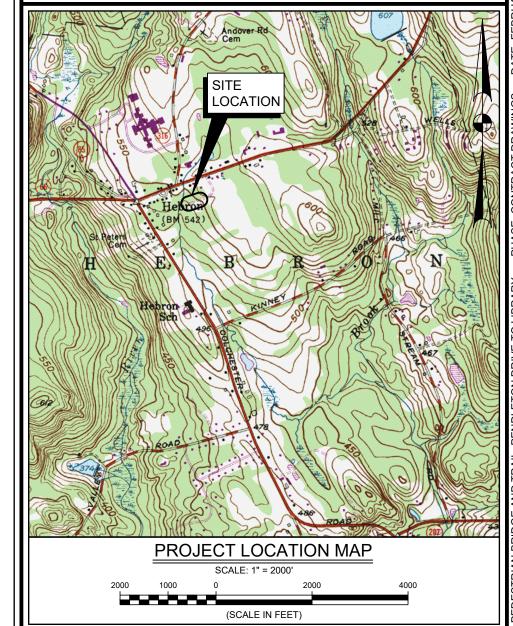
TOPOGRAPHIC SURVEY **DEMOLITION PLAN** 4 OF 14 LAYOUT PLAN **GRADING AND EROSION & SEDIMENT CONTROL PLAN EROSION & SEDIMENT CONTROL NOTES AND DETAILS** SITE DETAILS 9 OF 14 TRAIL BRIDGE GENERAL PLAN ABUTMENT DETAILS 11 OF 14 ELECTRICAL SYMBOLS, ABBREVIATIONS, NOTES, SCHEDULES, ELECTRICAL LIGHTING PLAN ELECTRICAL SPECIFICATION CTDOT STANDARD DRAWINGS SHEET No. TITLE CONCRETE SIDEWALK RAMPS SHEET 6 OF 11

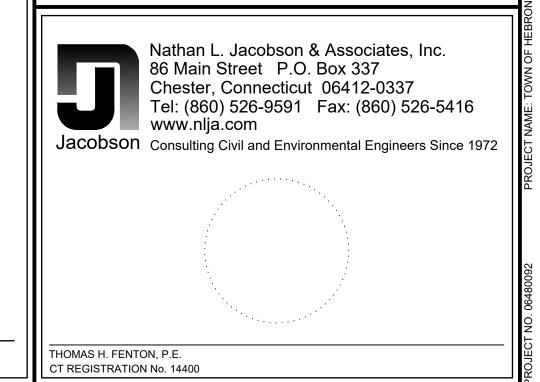
SCHEDULE OF DRAWINGS

INDEX PLAN AND GENERAL NOTES

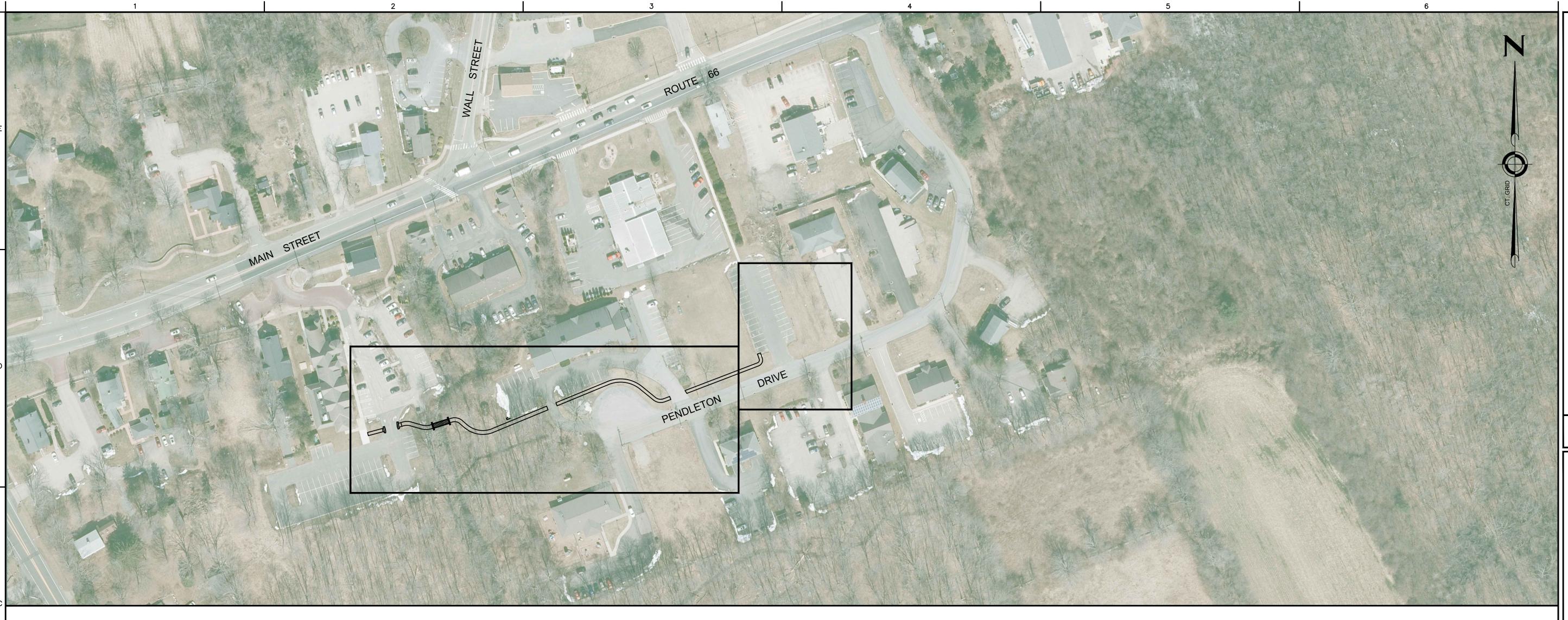
TITLE

SHEET No.





ANDREW J. TIERNEY, TOWN MANAGER



REFERENCES:

- 1. VERTICAL DATUM IS NAVD 88, HORIZONTAL DATUM IS CONNECTICUT COORDINATE GRID SYSTEM (NAD 83)
- 2. GROUND BASED TOPOGRAPHIC SURVEY WAS PREPARED BY LAND SURVEY & TECHNICAL SERVICES, INC. IN DECEMBER 2019 AND MARCH 2020.
- 3. INLAND WETLAND SOILS WERE FLAGGED IN THE FIELD BY R. RICHARD SNARSKI, CPSS, CPESC, #1975, NEW ENGLAND ENVIRONMENTAL SERVICES, 155 JERRY DANIELS ROAD, MARLBOROUGH, CT 06447 ON 11-25-2019. FLAGS WERE LOCATED IN THE FIELD BY LAND SURVEY & TECHNICAL SERVICES, INC.
- 4. GEOTECHNICAL STUDY BY WELTI GEOTECHNICAL P.C. BASED ON FIELD SUBSURFACE INVESTIGATION PERFORMED IN MARCH 2020.
- TOPOGRAPHY BEYOND AREAS DESIGNATED AS BASED ON GROUND TOPOGRAPHIC SURVEY, WAS OBTAINED FROM CTECO.COM BASED ON NAVD88.

PROJECT NOTES

DRAWING NOTES

- 1. IN GENERAL, Lower Case Text Identifies Existing Features/Conditions.
- 2. IN GENERAL, UPPER CASE TEXT IDENTIFIES PROPOSED FEATURES/CONDITIONS UNLESS OTHERWISE SPECIFIED
- 3. SURVEY CONTROL HAS BEEN PROVIDED FOR CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE VALIDITY OF THE SURVEY CONTROL.

ENVIRONMENTAL CONTROLS

- 4. INSTALL EROSION CONTROLS TO THE MAXIMUM EXTENT POSSIBLE AND OBTAIN APPROVAL OF THE INSTALLATION (NOT THE DESIGN) FROM THE LOCAL INLAND WETLAND AGENCY ENFORCEMENT OFFICER PRIOR TO THE START OF CONSTRUCTION.
- INSPECT EROSION CONTROLS REGULARLY AND IMMEDIATELY AFTER RAINFALL EVENTS AND MAINTAIN AND MODIFY AS NECESSARY OR AS DIRECTED BY THE ENGINEER TO ENSURE OPTIMUM PERFORMANCE.
- 8. EROSION CONTROL PRODUCTS WITH NETTING (INCLUDING BIODEGRADABLE NETTING) ARE NOT PERMITTED
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF WATER TO ENABLE CONSTRUCTION IN THE DRY, INCLUDING BUT NOT LIMITED TO TRENCHES, EXCAVATIONS, WATER CONTROL STRUCTURES AND COFFERDAMS, THAT MAY BE REQUIRED TO PROPERLY COMPLETE THE WORK. PARTICULAR ATTENTION IS CALLED TO FLUCTUATIONS IN WATER FLOWS AND LEVELS THAT MAY OCCUR DUE TO PRECIPITATION EVENTS. NO EXTRA MONETARY COMPENSATION WILL BE ALLOWED DUE TO WATER FLOW OR LEVEL FLUCTUATIONS. WHETHER PUMPING OR SIPHONING FOR DEWATERING IS USED OR NOT, IN ALL CASES, THE DISCHARGE SHALL BE HANDLED SO AS TO AVOID EROSION AND SEDIMENTATION AS APPROVED BY THE ENGINEER. TAKE ALL NECESSARY PRECAUTIONS AND FURNISH EQUIPMENT REQUIRED TO HANDLE ALL SURFACE, SUBSURFACE AND FLOOD FLOWS WHICH MAY BE ENCOUNTERED AT ANY TIME DURING
- B. PROVIDE AND MAINTAIN OIL ABSORBENT SPILL RESPONSE BOOMS AND BLANKETS ON SITE FOR THE ENTIRE CONSTRUCTION PERIOD.
- 9. NO CONSTRUCTION VEHICLES SHALL BE STORED, SERVICED, REFUELED, WASHED, OR FLUSHED OUT IN A LOCATION WHERE LEAKS, SPILLAGE, WASTE MATERIALS, CLEANERS, OR WATERS WILL BE INTRODUCED OR FLOW INTO WETLANDS OR WATERCOURSES.
- 10. NO EQUIPMENT STORAGE, CLEANING, REPAIRING OR REFUELING SHALL BE CONDUCTED WITHIN 100' OF AN INLAND WETLAND BOUNDARY. SHOULD ANY CONTAMINANT SPILL OCCUR, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, OIL AND CHEMICAL SPILL RESPONSE DIVISION AT 860-424-3338 AND THE OWNER'S AGENT.
- 11. DURING CONSTRUCTION, ROUTINE EQUIPMENT MAINTENANCE AND REFUELING SHALL OCCUR ON AN IMPERVIOUS SURFACE WITH OIL ABSORBENT SPILL RESPONSE MATERIALS IN PLACE. NON-ROUTINE MAINTENANCE OF EQUIPMENT SHALL BE CONDUCTED OFF-SITE. SHOULD ANY CONTAMINANT SPILL OCCUR, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, OIL AND CHEMICAL SPILL RESPONSE DIVISION AT 860-424-3338 AND THE OWNER'S AGENT.
- 12. BULK FUEL FOR CONSTRUCTION PURPOSES SHALL NOT BE STORED ON SITE.
- 13. DURING CONSTRUCTION, THE CONTRACTOR SHALL STORE ALL HAZARDOUS MATERIALS OFF-SITE, OR IF ON-SITE, THEN WITHIN A SECONDARY CONTAINMENT STRUCTURE IN A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR, THAT WILL BE SECURED DURING NON-WORKING HOURS.
- 14. SWEEP AND KEEP CLEAN ROADS IMPACTED BY TRACKED SOILS FROM THE CONSTRUCTION SITE AT ALL TIMES, OR AT THE DISCRETION OF THE ENGINEER.

CLEARING

15. REMOVE TREES AND OTHER WOODY VEGETATION AND GRUB STUMPS AS NECESSARY FOR THE CONSTRUCTION. SITE DISTURBANCE TO BE KEPT TO A MINIMUM. AT MINIMUM, TREE PROTECTION SHALL BE PROVIDED TO EACH TREE IDENTIFIED TO BE PROTECTED ON THE PLANS. PROVIDE ADDITIONAL PROTECTION OR PROTECTION TO TREES NOT IDENTIFIED TO BE PROTECTED AS NECESSARY TO PREVENT

DAMAGE. TREES TO BE REMOVED SHALL BE INDIVIDUALLY VERIFIED IN THE FIELD WITH THE ENGINEER.

- 16. TRIM EXISTING TREE BRANCHES AS REQUIRED TO MAINTAIN A MINIMUM 10' VERTICAL CLEARANCE OVER PROPOSED SIDEWALK SURFACE.
- 17. TRIM TREES AND VEGETATION AS NEEDED TO PROVIDE VISIBILITY TO PROPOSED/RELOCATED/REPLACED/RAISED SIGNS AND SIGNAL EQUIPMENT.
- CUT ROOTS OF TREES TO REMAIN BY HAND WITH SHARP AXE. APPLY PRUNING PAINT TO CUT ROOT ENDS THAT ARE ONE (1) INCH DIAMETER AND LARGER, OTHERWISE APPLY WET BURLAP TO PREVENT FROM DRYING OUT.

FARTHWORK

- 20. EXCEPT AS NOTED BELOW, PROPOSED FILL SHALL BE REUSED SUBSOIL THAT IS FREE OF DEBRIS, ORGANIC. AND TOXIC MATERIAL.
- 21. CUT/FILL SLOPES IN EARTH SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE DETERMINED BY THE ENGINEER.
- 22. SURPLUS OR UNSUITABLE MATERIALS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL ORDINANCES, RULES, REGULATIONS AND CODES.

PAVEMENTS AND CURBING

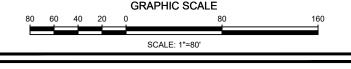
- 23. PAVEMENTS TO BE CUT SHALL BE SAW CUT. PRIOR TO PAVING, CLEAN FACE OF EXISTING PAVEMENT AND PAINT WITH MATERIAL FOR TACK COAT. MATCH EXISTING GRADES WITH NEW PAVEMENT.
- 24. NEATLY REMOVE, STORE AND PROTECT AS APPLICABLE, AND REINSTALL OR REPLACE AS APPLICABLE, EXISTING SITE FEATURES DISTURBED BY CONSTRUCTION, REQUIRED FOR THE FINISHED CONSTRUCTION.
- 25. PAVEMENT MARKINGS REMOVED DURING TRENCHING AND PAVEMENT REPAIR SHALL BE REPAINTED TO MATCH EXISTING CONDITIONS. SUCH WORK MAY NOT BE SHOWN ON DRAWINGS.
- 26. REFERENCE CTDOT STANDARD DRAWINGS FOR CURB RAMP AND CROSSWALK PAVEMENT MARKING DETAILS.

UTILITIES

- 27. FOR LOCATION OF UNDERGROUND ELECTRIC, TELEPHONE, GAS, CABLE TV AND OTHER FACILITIES OF PUBLIC UTILITY COMPANIES, INQUIRE OF "CALL BEFORE YOU DIG, INC." AT 1-800-922-4455. OR
- 28. COORDINATE THE RELOCATION/PROTECTION OF ALL UTILITIES.
- 29. COORDINATE UTILITY WORK, WHETHER PUBLICLY OR PRIVATELY OWNED, SO AS NOT TO DELAY THE PROGRESS OF THE WORK. PROTECT AND MAINTAIN ALL EXISTING UTILITIES LOCATED WITHIN THE VICINITY OF THE CONSTRUCTION SITE, UNLESS OTHERWISE NOTED. IF ANY UTILITY IS DAMAGED OR SERVICE INTERRUPTED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES INCLUDING RESTORING SERVICE IN A SAFE MANNER, TO THE COMPLETE SATISFACTION OF THE UTILITY OWNER AND THE ENGINEER.
- 30. UTILITY INTERRUPTIONS SHALL RECEIVE THE PRIOR WRITTEN AUTHORIZATION OF THE UTILITY OWNER.
- 31. INFORMATION OR DATA SHOWN ON OR INDICATED IN THE CONTRACT DOCUMENTS WITH RESPECT TO EXISTING AERIAL UTILITIES AND UNDERGROUND PIPES, CABLES, CONDUITS, STRUCTURES OR OTHER UNDERGROUND FACILITIES IS BELIEVED TO BE REASONABLY CORRECT BUT IS NOT GUARANTEED TO BE EXACT OR COMPLETE. SUCH INFORMATION SHALL BE CONSIDERED TO HAVE BEEN PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND TO ALERT THE CONTRACTOR TO THE EXISTENCE OF SUCH UNDERGROUND FACILITES WITHIN OR CONTIGUOUS TO THE PROJECT SITE AND THE OWNER, ENGINEER AND THEIR CONSULTANTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA.
- 32. UNDERGROUND POWER UTILITIES ARE KNOWN TO EXIST ON-SITE THAT ARE NOT SHOWN ON THE PLANS.
- 33. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL INFORMATION AND DATA DESCRIBED IN THE NOTES ABOVE, FOR LOCATING ALL SUCH UNDERGROUND FACILITIES SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS, FOR COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES DURING CONSTRUCTION, FOR THE SAFETY AND PROTECTION THEREOF, AND FOR REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK, THE COST OF ALL OF WHICH WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE.

SIGNS

- 34. INSTALL SIGNS AND METAL SIGN POSTS IN ACCORDANCE WITH TRAFFIC STANDARDS SHEETS TR-1208_01 AND TR-1208_02. ALL SIGNS TO BE RELOCATED/REPLACED/RAISED SHALL BE INSTALLED ON NEW POSTS.
- 35. CONTRACTOR SHALL BE:
- A. SOLELY RESPONSIBLE FOR PROTECTION OF PERSONS AND THE PUBLIC IN GENERAL, THE WORK TO BE PERFORMED UNDER THE CONTRACT, PUBLIC AND PRIVATE PROPERTY, AND EASEMENTS AND RIGHTS-OF-WAY DURING THE COURSE OF THE WORK OF THE CONTRACTOR AND HIS SUBCONTRACTORS, AND;
- B. LIABLE FOR ALL DAMAGES AND CLAIMS RECEIVED OR SUSTAINED BY ANY PERSONS, CORPORATIONS OR PROPERTY IN CONSEQUENCE OF DAMAGE TO EXISTING UTILITIES, ROADWAYS, THEIR APPURTENANCES, OR OTHER FACILITIES CAUSED DIRECTLY OR INDIRECTLY BY THE OPERATIONS OF THE CONTRACTOR. AND:
- C. SOLELY RESPONSIBLE FOR CONSTRUCTION METHODS, MEANS, TECHNIQUES AND FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH



TOWN OF HEBRON CONNECTICUT

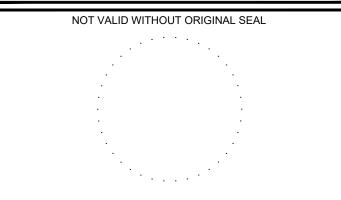
PEDESTRIAN BRIDGE AND TRAIL PENDLETON DRIVE TO LIBRARY

INDEX PLAN AND GENERAL NOTES

CONTRACT DRAWINGS

ANY ALTERATIONS TO THIS DRAWING MADE WITHOUT THE EXPRESSED WRITTEN APPROVAL OF NATHAN L. JACOBSON & ASSOCIATES, INC. WILL BE AT THE SOLE RISK OF THE PERSON OR FIRM MAKING SUCH UNAUTHORIZED ALTERATIONS AND NATHAN L. JACOBSON & ASSOCIATES, INC. WILL NEITHER HAVE NOR ACCEPT ANY LIABILITY OR LEGAL EXPOSURE ARISING FROM SAID UNAUTHORIZED ALTERATIONS.





THOMAS H. FENTON. P.E. CT REGISTRATION No. 14400

© COPYRIGHT 2024 NATHAN L. JACOBSON & ASSOCIATES, INC.
ALL RIGHTS RESERVED.

REVISIONS

No. DESCRIPTION DA

DATE:	FEBRUARY 2024	SHEET No.:	
SCALE:	1"=80'		
PROJECT No.:	06480092		
CADD FILE:	06480092INDEX	2 OF	11
DESIGNED:	THF		14

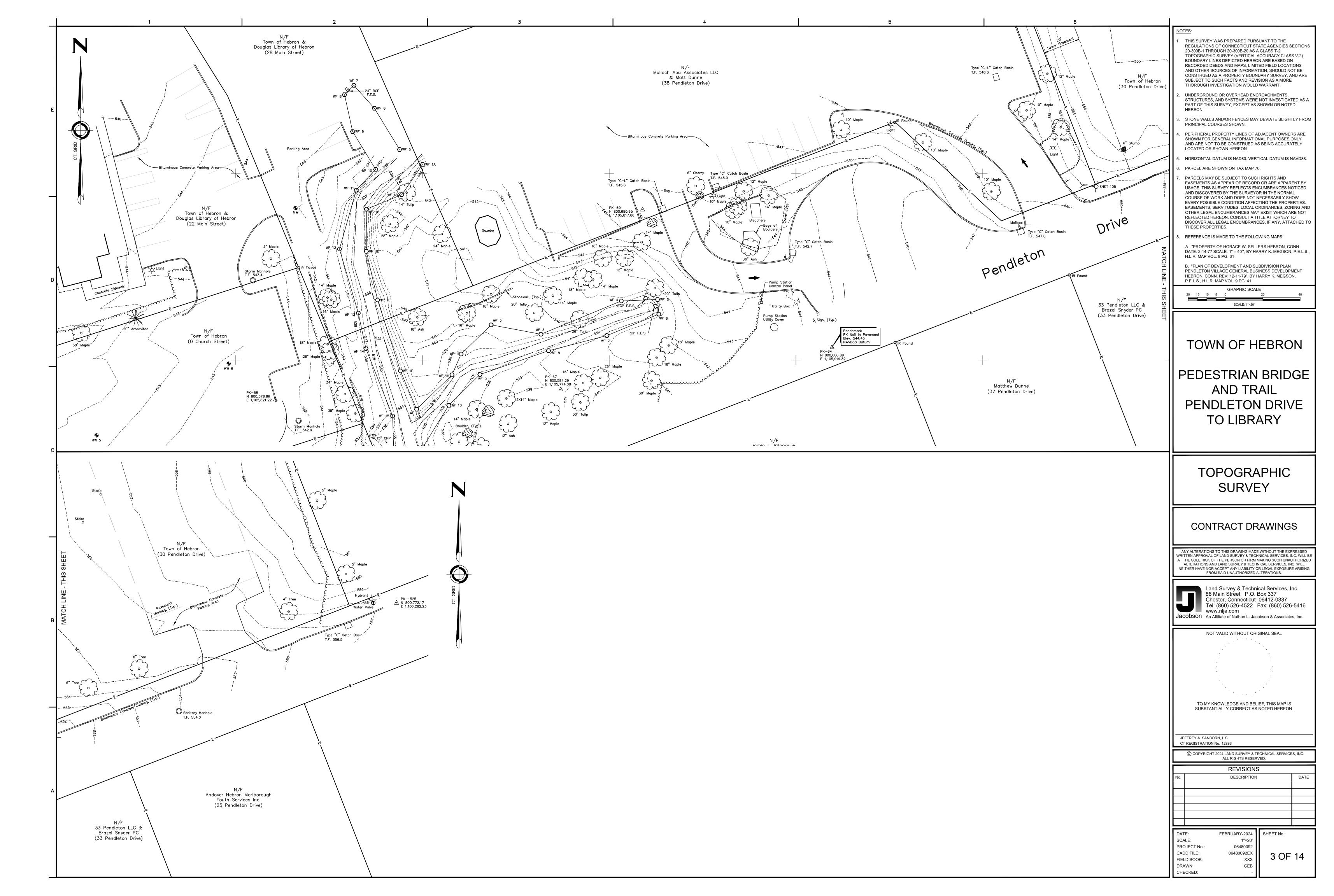
DRAWN:

CHECKED:

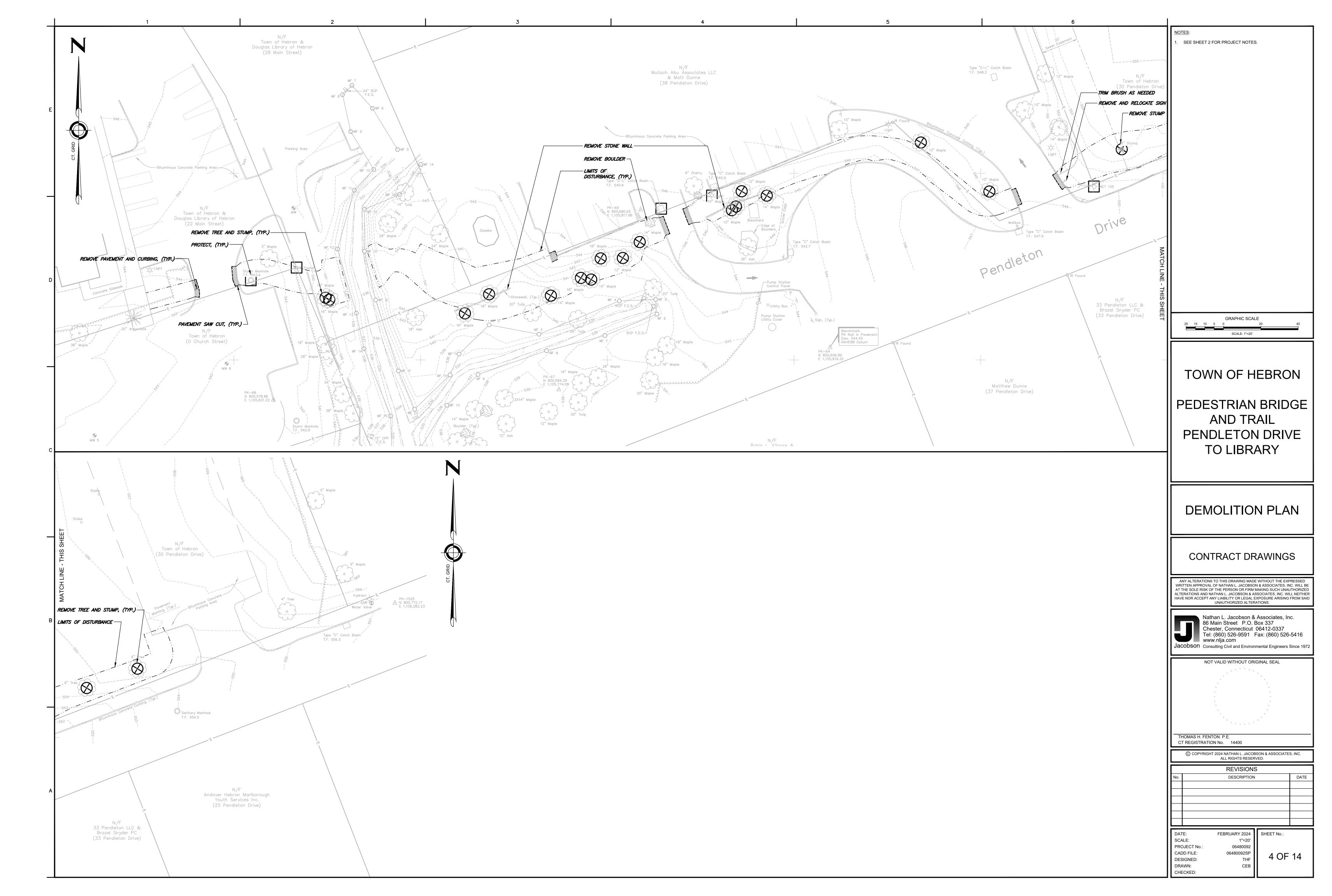
CEB

I:\Civil 3D\06480092_Production Drawings\06480092INDEX.dwg, 3/

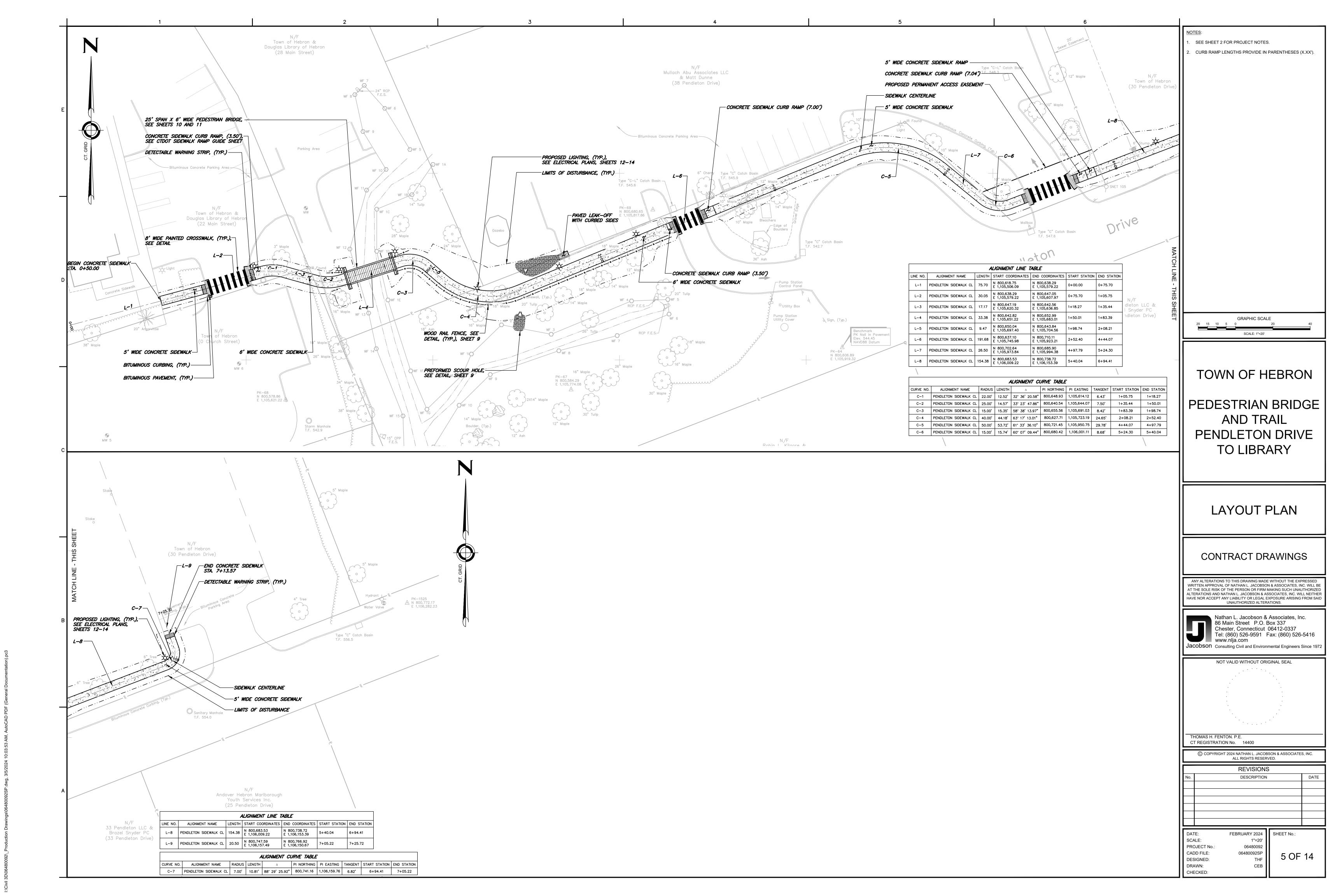
SITE DISTURBANCE SHALL BE KEPT TO A MINIMUM.

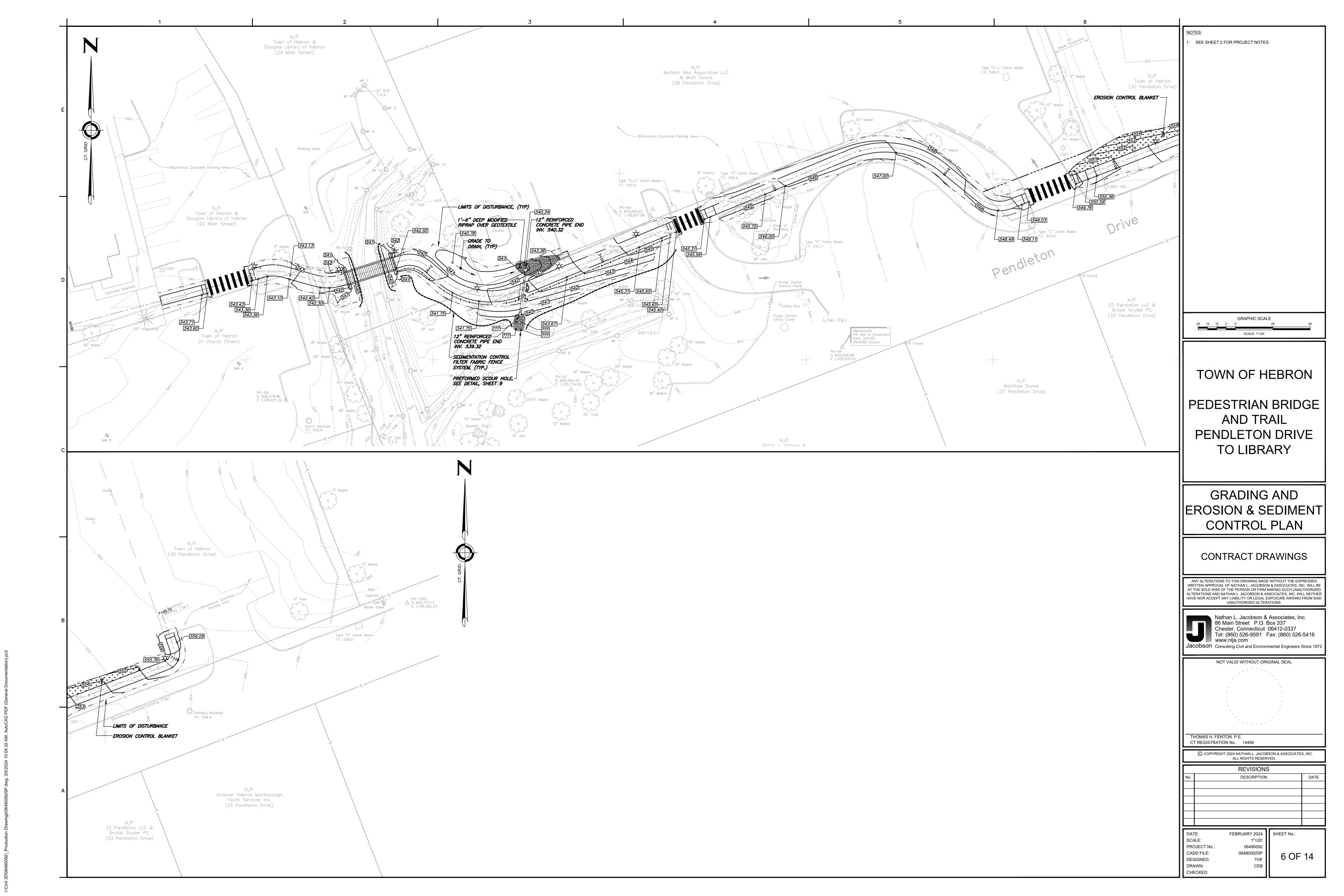


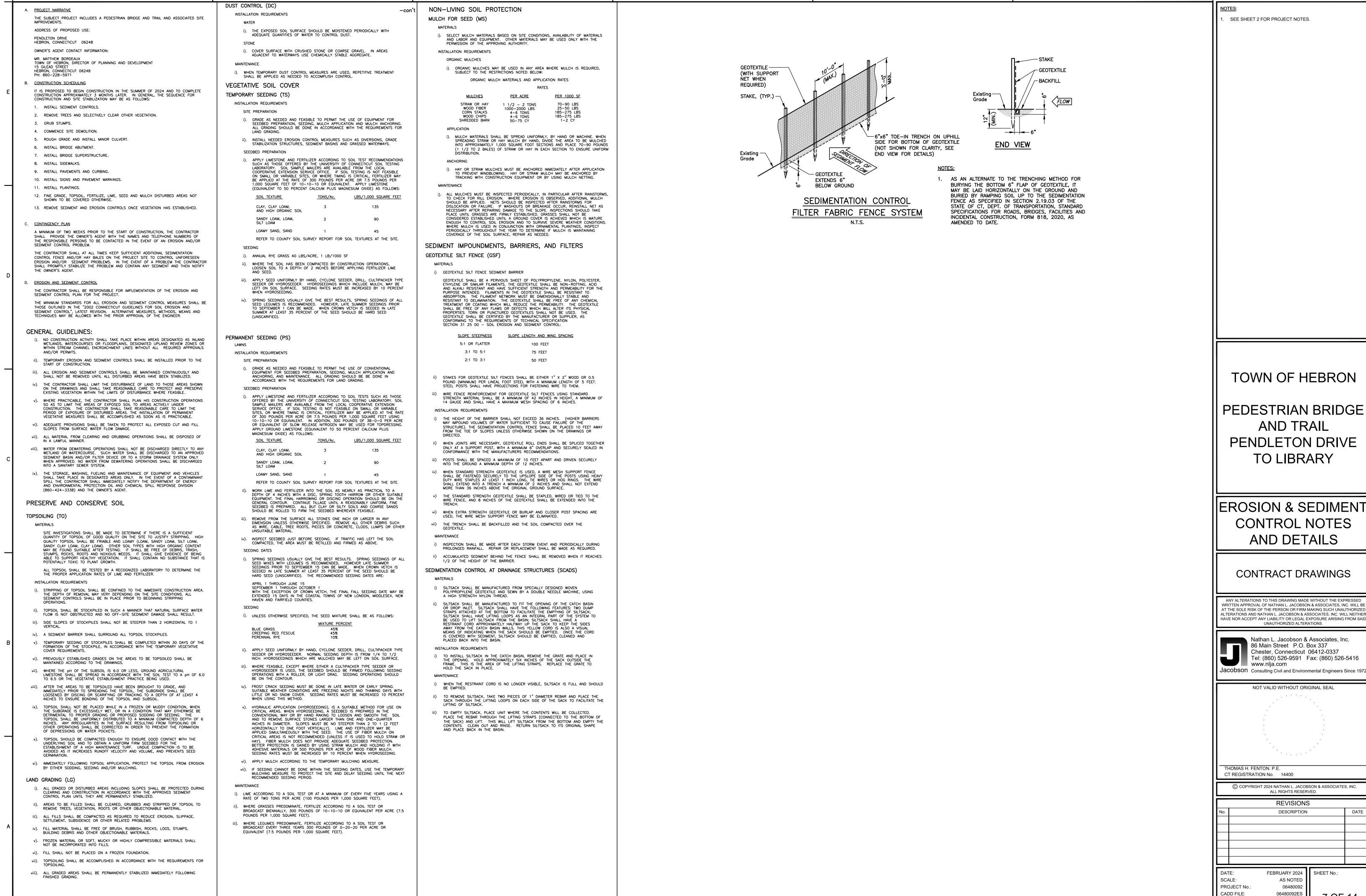
I:\Civil 3D\06480092_Production Drawings\06480092EX.dwg, 3/5/2024 9:25:05 AM, AutoCAD PDF (Gen



|:\Civil 3D\06480092_Production Drawings\06480092SP.dwg, 3/5/2024 10:03:21 AM, AutoCAD PDF (General Do







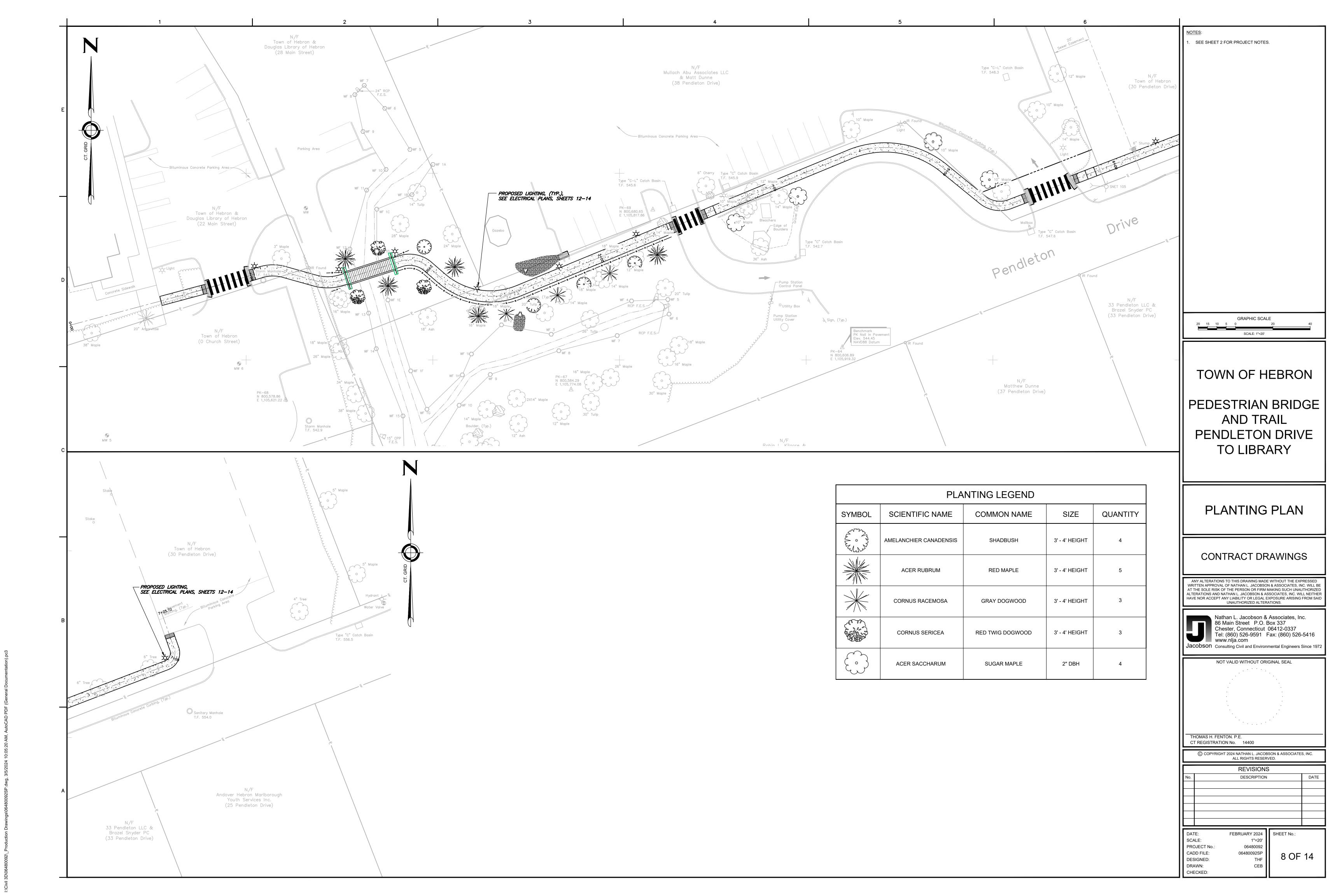
EROSION & SEDIMENT

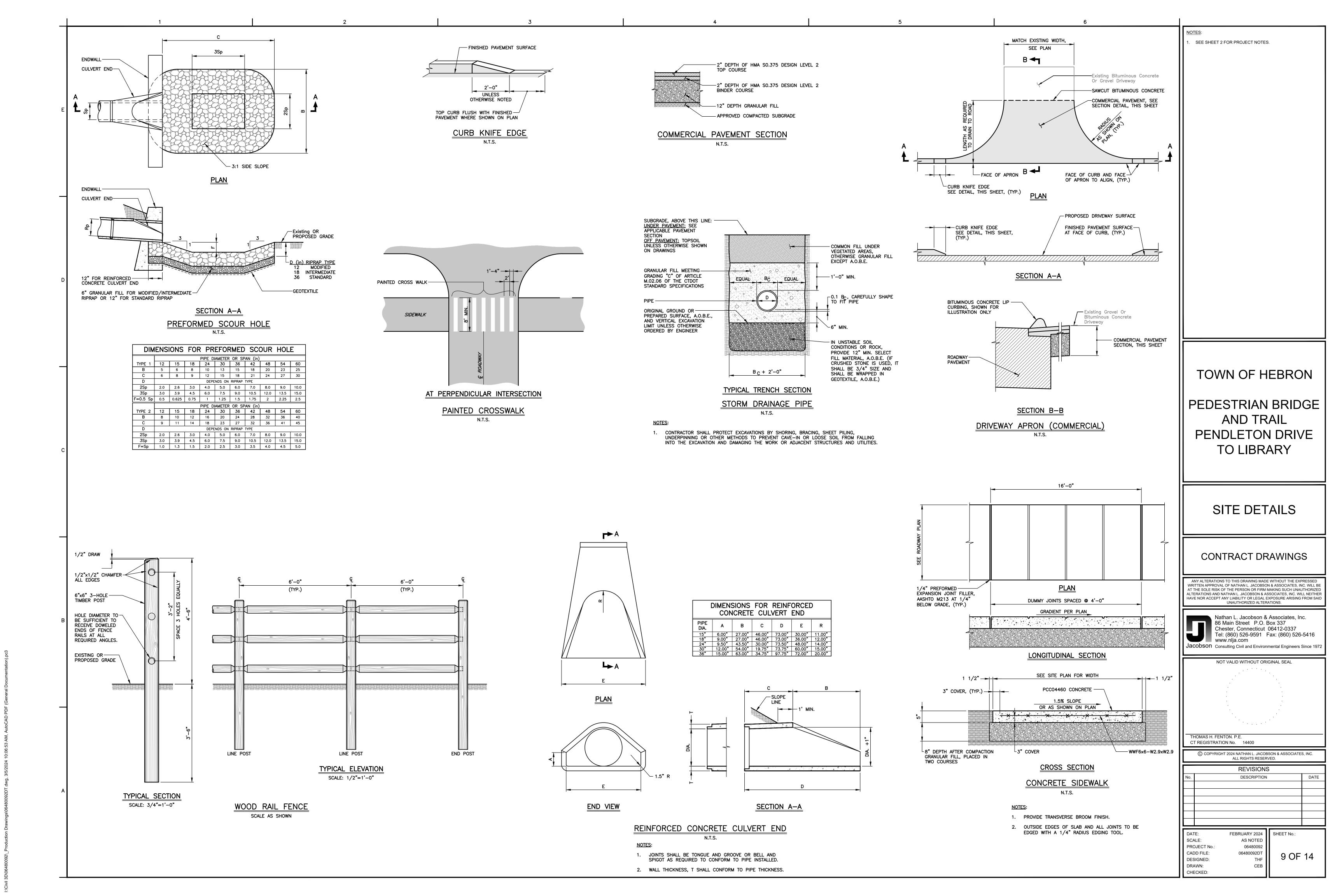
ANY ALTERATIONS TO THIS DRAWING MADE WITHOUT THE EXPRESSED WRITTEN APPROVAL OF NATHAN L. JACOBSON & ASSOCIATES, INC. WILL B AT THE SOLE RISK OF THE PERSON OR FIRM MAKING SUCH UNAUTHORIZE ALTERATIONS AND NATHAN L. JACOBSON & ASSOCIATES, INC. WILL NEITHE HAVE NOR ACCEPT ANY LIABILITY OR LEGAL EXPOSURE ARISING FROM SAI

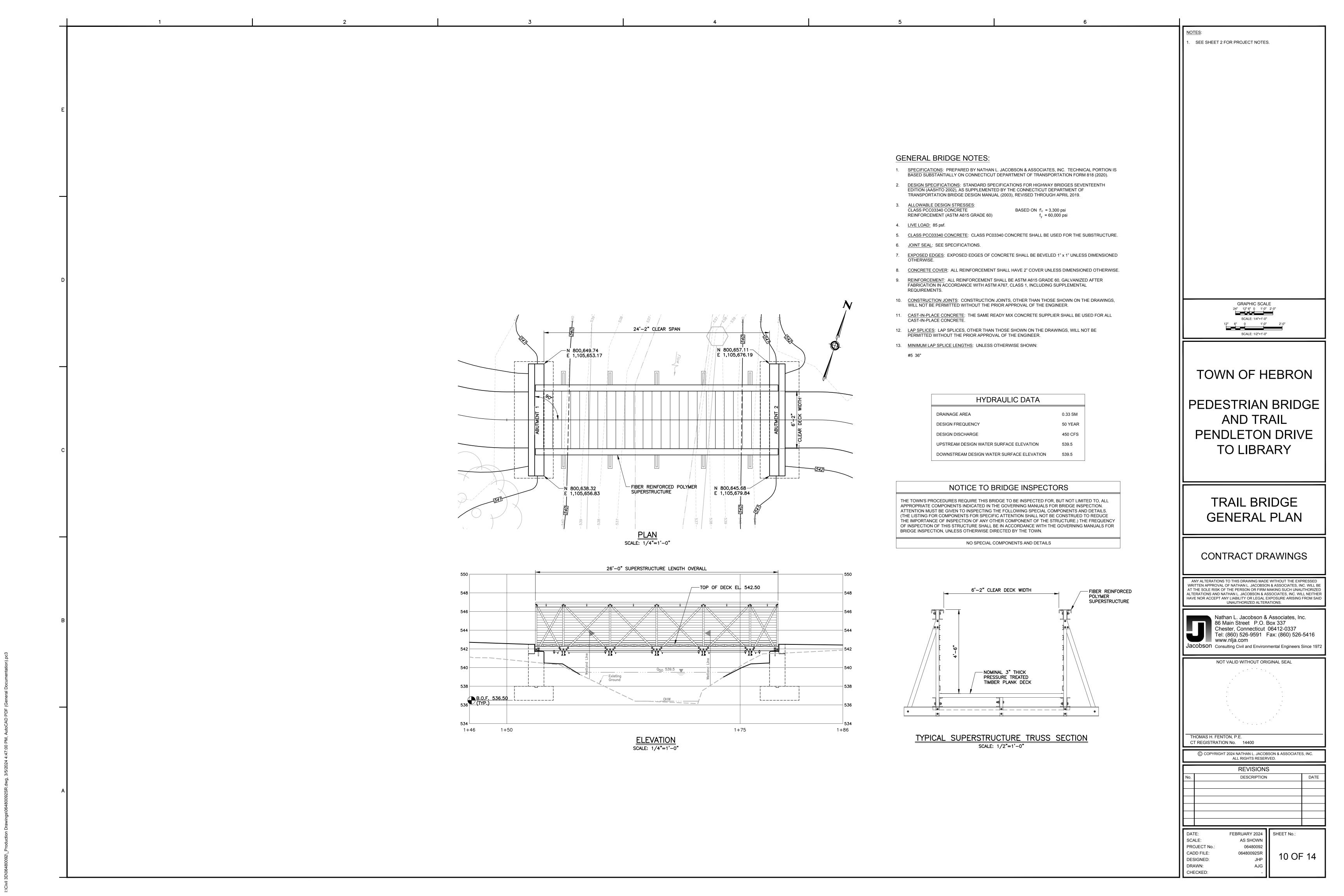
Tel: (860) 526-9591 Fax: (860) 526-5416

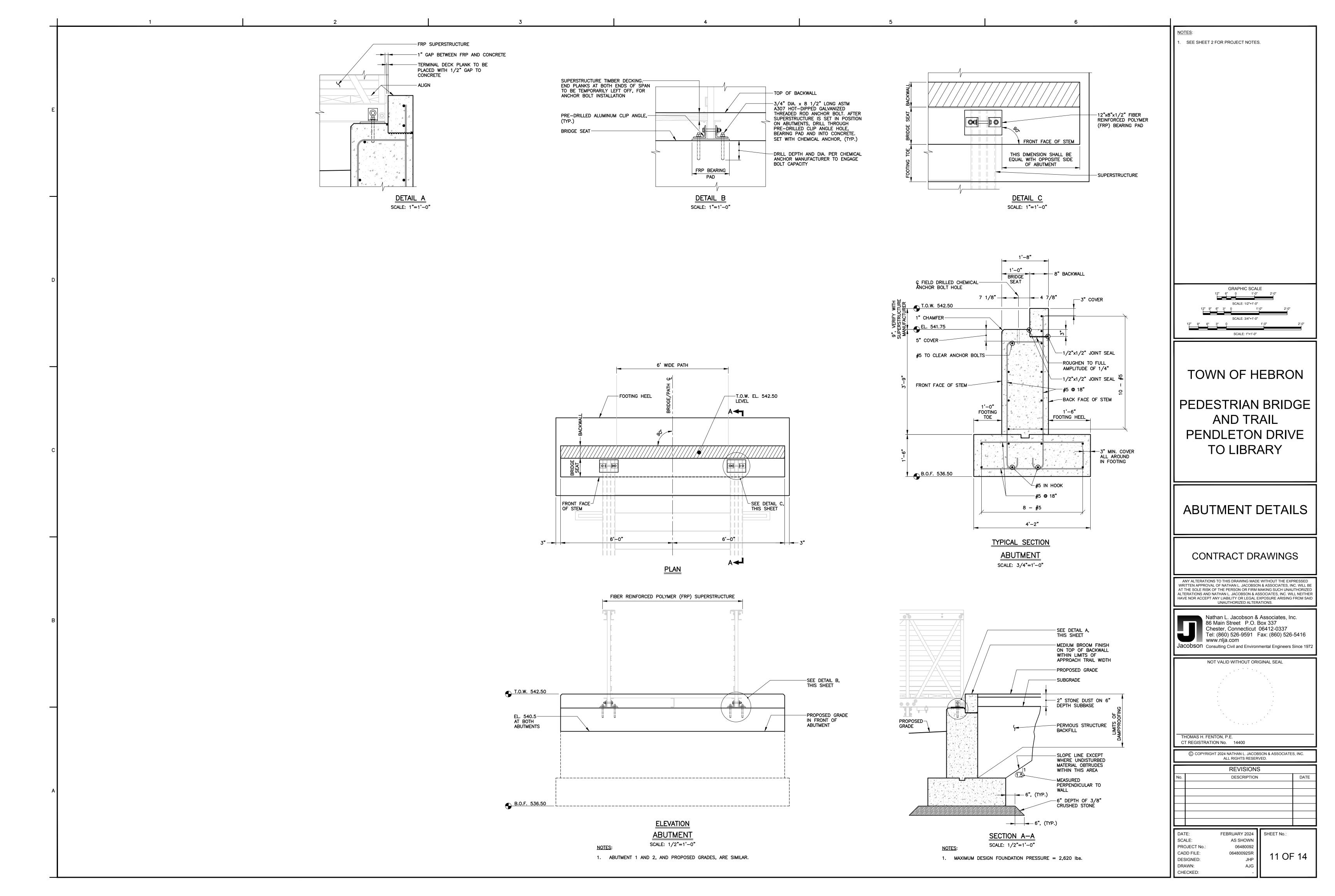
06480092ES DESIGNED: CEB DRAWN:

CHECKED:









I:\Civil 3D\06480092_ Production Drawings\06480092SR.dwg, 3/5/2024 4:46:31 PM, AutoCAD PDF (General

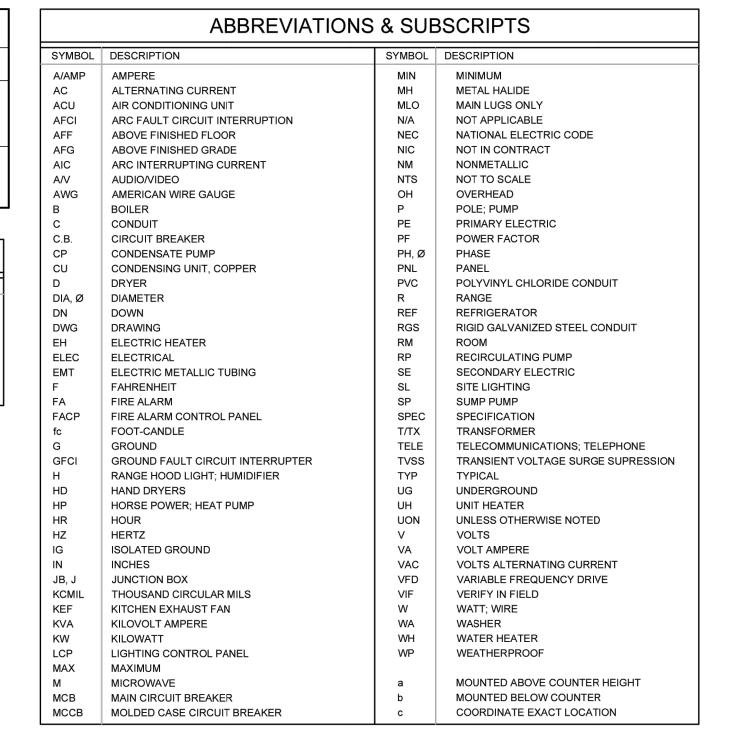
	LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER / MODEL	VOLTAGE	SOURCE	FIXTURE DESCRIPTION			
А	PENN GLOBE NANTUCKET 1000 ESSEX FLUTED POST F3Y5-LX294-HB929-5 P665-W1122-1100 W501-R1CD1-1575-0300/JX30-EZA72-0275-0400	UNV	4000K, 60W, LED	PENSTAR LED, PLANNUS LED PLATFORM, CLEAR SEEDY ARYLIC LENSES, 9 FT ALUMINUIM ESSEX FLUTED POS' WITH LADDER REST AND DUPLEX WEATHER PROTECTED GFI RECEPTACLE, BLACK TEXTURE #1003X LT FINISH, 4000K COLOR TEMPERTURE AT 60 WATTS.			

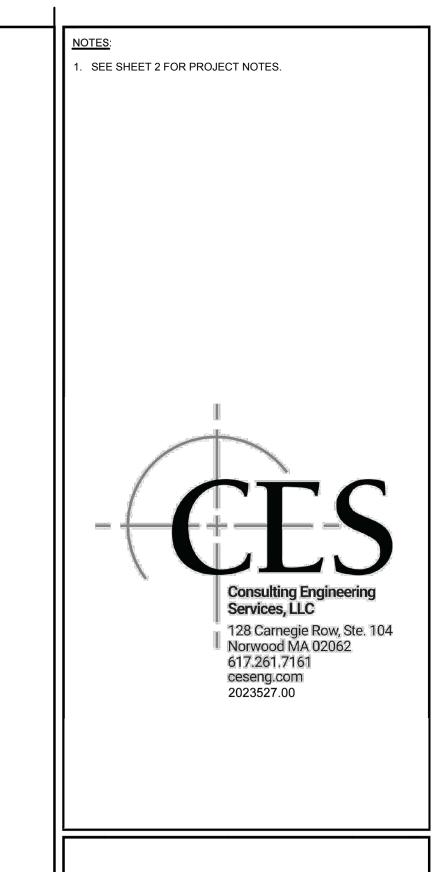
1. ALL FIXTURES SHALL BE UL LISTED.
2. ALL NECESSARY MOUNTING HARDWARE, HANGERS, BRACKETS, RAILS, YOKES, CANOPIES, STEMS, CHAINS, ROW JOINERS, ETC. SHALL BE FURNISHED AND INSTALLED.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

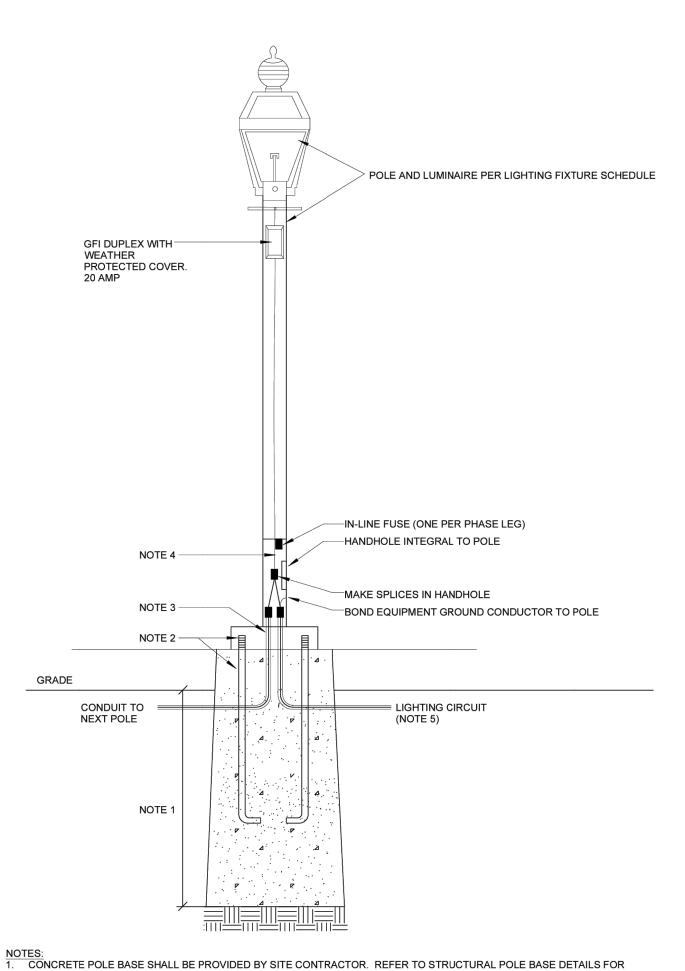
GENERAL ELECTRICAL NOTES

- THE CONTRACTOR SHALL FURNISH LABOR, MATERIAL, TOOL, AND OTHER EQUIPMENT REQUIRED TO INSTALL THE WORK SHOWN AND SPECIFIED. THE CONTRACTOR SHALL FURNISH AND INSTALL ITEMS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM. MATERIALS SHALL BE NEW AND BEAR THE REGISTERED UL MARK.
- WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 70 (NEC), NATIONAL ELECTRICAL CODE (NEC), FEDERAL, STATE AND LOCAL CODES.
- CONTRACTOR SHALL SECURE PERMITS AND PAY THE FEES REQUIRED TO CARRY OUT THE WORK. CONTRACTOR SHALL FURNISH COPIES OF CERTIFICATES AND PERMITS TO THE ENGINEER.
- 4. ALL OUTDOOR EQUIPMENT SHALL BE NEMA 3R UNLESS OTHERWISE NOTED.

	SYMBOL LIST
MBOL	DESCRIPTION
	UNDERGROUND WIRING
	SURFACE MOUNTED WIRING
C	SITE LIGHT FIXTURE - SEE LIGHTING FIXTURE SCHEDULE







CONCRETE POLE BASE SHALL BE PROVIDED BY SITE CONTRACTOR. REFER TO STRUCTURAL POLE BASE DETAILS FOR REQUIRED DEPTH AND CONCRETE SPECIFICATIONS. POLE BASE SHALL BE SET ON UNDISTURBED SOIL. DIAMETER OF POLE BASE SHALL BE COORDINATED WITH BASE PLATE COVER DIMENSIONS, AS SPECIFIED. CONCRETE BASE SHALL BE LARGE ENOUGH TO ACCOMMODATE BASE PLATE WITH NO OVERHANG.
 ANCHOR BOLTS SHALL BE PROVIDED IN POLE BASE BY SITE CONTRACTOR, ADHERING TO STRUCTURAL POLE BASE DETAILS AND SPECIFICATIONS. COORDINATE EXACT BOLT PATTERN WITH ELECTRICAL CONTRACTOR AND APPROVED POLE MANUFACTURER PRIOR TO INSTALLATION.
 ELECTRICAL CONTRACTOR SHALL PROVIDE SCHEDULE 40 PVC CONDUIT SWEEPS WITHIN CONCRETE POLE BASE. COORDINATE EXACT STUB-UP LOCATION OF ALL CONDUITS WITH APPROVED POLE MANUFACTURER BOLT PATTERN PRIOR TO INSTALLATION.
 ELECTRICAL CONTRACTOR SHALL PROVIDE FLEXIBLE METAL CONDUIT WITHIN POLE TO LIGHT FIXTURE.
 ELECTRICAL CONTRACTOR SHALL PROVIDE UNDERGROUND CONDUITS TO THE LIGHT POLE AS SPECIFIED ON SITE PLAN. REFER TO CIVIL DRAWINGS FOR MINIMUM BURIAL DEPTH AND ADDITIONAL INFORMATION.

SITE LIGHTING FIXTURE DETAIL

SCALE: NTS

TOWN OF HEBRON

PEDESTRIAN BRIDGE AND TRAIL PENDLETON DRIVE TO LIBRARY

ELECTRICAL SYMBOLS, ABBREVIATIONS, NOTES, SCHEDULES, AND DETAILS

CONTRACT DRAWINGS

NOT VALID WITHOUT ORIGINAL SEAL

REVISIONS				
No.	DESCRIPTION		DATE	
DAT SCA		SHEET No.:		

DATE: FEBRUARY 2024
SCALE: N.T.S.
PROJECT No.: 2023527.00
CADD FILE: N/A
DESIGNED: LMG
DRAWN: MH
CHECKED: LMG



Civil 3D\06480092_Production Drawings\Elec Dwgs.dwg, 3/5/2024 4:52:58 PM, AutoCAD PDF (General I

ELECTRICAL SPECIFICATIONS

- 1. PRIOR TO SUBMITTING BID, VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK TO BE PERFORMED. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY IDENTIFIED BY EXPERIENCED OBSERVERS. INCLUDE IN THE BID ALL DEMOLITION WORK REQUIRED.
- 2. SCOPE OF WORK CONSISTS OF INSTALLATION OF MATERIALS TO BE FURNISHED UNDER THE CONTRACT DOCUMENTS AND WITHOUT LIMITING GENERALITY THEREOF CONSISTS OF FURNISHING LABOR, MATERIALS, EQUIPMENT, HOISTING, PLANT, TRANSPORTATION, RIGGING, STAGING, APPURTENANCES, AND SERVICES NECESSARY AND/OR INCIDENTAL TO PROPERLY COMPLETE ALL ELECTRICAL WORK AS SHOWN ON THE DRAWINGS AS DESCRIBED HEREIN.
- THE FOLLOWING DEFINITIONS APPLY TO THIS CONTRACT:
- FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."
- INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."
- PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."
- PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT AND LABOR NECESSARY TO COMPLETE THE WORK OUTLINED ON THESE CONTRACT DOCUMENTS. THE CONTRACTOR IS TO NOTE THAT THESE DOCUMENTS ARE DIAGRAMMATIC ONLY AND THAT FINAL PLACEMENT OF EQUIPMENT OR DEVICES IN THE FIELD MAY NOT DIRECTLY CORRESPOND TO THAT IN WHICH IS SHOWN ON THE DRAWINGS. IF A CONFLICT IN POSITIONING OCCURS THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY TO ASCERTAIN WHAT THE INTENT WAS BY THE DESIGN PROFESSIONAL.
- 5. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST STATE OF CONNECTICUT ACCEPTED REVISION OF THE NATIONAL ELECTRIC CODE (NEC), NFPA 70.
- 6. OBTAIN IN OWNER'S NAME WRITTEN EQUIPMENT AND MATERIAL WARRANTIES OFFERED IN MANUFACTURER'S PUBLISHED PRODUCT DATA WITHOUT EXCLUSION OR LIMITATION.
- 7. GUARANTEE WORK OF THESE CONTRACT DOCUMENTS IN WRITING FOR NOT LESS THAN ONE YEAR FROM DATE OF FINAL NOTICE OF ACCEPTANCE. REPAIR OR REPLACE DEFECTIVE MATERIALS, EQUIPMENT, WORKMANSHIP AND INSTALLATION THAT DEVELOP WITHIN THIS PERIOD, PROMPT AND TO OWNER'S SATISFACTION AND CORRECT DAMAGE CAUSED IN MAKING NECESSARY REPAIRS AND REPLACEMENTS UNDER GUARANTEE WITHIN CONTRACT PRICE.
- 8. SUPPLY TO THE OWNER AN OFFICIAL CERTIFICATE OF INSURANCE FOR THEIR RECORDS.
- 9. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND BEING AVAILABLE FOR INSPECTIONS BY THE AUTHORITY HAVING JURISDICTION.
- 10. USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
- 11. ARRANGE INSTALLATION TO PROVIDE ACCESS TO EQUIPMENT FOR EASY MAINTENANCE AND REPAIR.
- 12. DO NOT SCALE DRAWINGS. SCALE INDICATED ON DRAWINGS IS FOR ESTABLISHING REFERENCE POINTS ONLY. ACTUAL FIELD CONDITIONS SHALL GOVERN ALL DIMENSIONS.
- 13. MATERIALS AND EQUIPMENT SHALL BE ULLISTED WHERE STANDARD HAS BEEN ESTABLISHED.
- 14. DO NOT BURN WASTE MATERIALS. DO NOT BURY DEBRIS OR EXCESS MATERIALS ON THE OWNER'S PROPERTY. DO NOT DISCHARGE VOLATILE, HARMFUL OR DANGEROUS MATERIALS INTO DRAINAGE SYSTEMS. REMOVE AND DISPOSE OF ALL WASTE MATERIALS, PACKAGING MATERIAL, SKIDS ETC. FROM THE SITE AND DISPOSE OF IN A LAWFUL MANNER IN ACCORDANCE WITH MUNICIPAL, STATE AND FEDERAL REGULATIONS.
- 15. PRIOR TO ORDERING ANY MATERIALS AND EQUIPMENT, THOROUGHLY REVIEW THE SITE CONDITIONS TO DETERMINE IF ADEQUATE CLEARANCE AND ACCESS IS ALLOWED TO INSTALL THE COMPONENTS. ORDER EQUIPMENT BROKEN DOWN AS NECESSARY TO ALLOW FOR PROPER HANDLING THROUGH THE PROJECT AREA. PROVIDE ALL NECESSARY ALTERATIONS TO THE STRUCTURE OF THE BUILDING AS NECESSARY TO RIG THE EQUIPMENT IN PLACE. CAREFULLY INSPECT ALL BUILDING ELEMENTS PRIOR TO CUTTING OR DRILLING INTO WALL, FLOORS OR CEILINGS.

- 16. THE CONTRACTOR SHALL BE REQUIRED TO PROPERLY STORE MATERIALS AND EQUIPMENT SO AS TO AVOID THEFT OR VANDALISM. IF THEFT OR VANDALISM OCCURS, THE CONTRACTOR SHALL REPAIR OR REPLACE SUCH ITEMS AT THE DIRECTION OF THE ENGINEER.
- 17. THE CONTRACTOR MUST COORDINATE ALL INTERRUPTIONS OF SERVICES AND LIMITATIONS OF ACCESS WITH THE OWNER NO LESS THAN 3 DAYS PRIOR TO THE INTERRUPTION.
- 18. GROUNDING SHALL BE COMPLETED IN ACCORDANCE WITH NFPA 70. GROUND EXPOSED, NON-CURRENT-CARRYING METALLIC PARTS OF ELECTRICAL EQUIPMENT, METALLIC RACEWAY SYSTEMS, GROUNDING CONDUCTOR IN METALLIC AND NONMETALLIC RACEWAYS, AND NEUTRAL CONDUCTOR OF WIRING SYSTEMS. WHERE GROUND FAULT PROTECTION IS EMPLOYED, ENSURE THAT CONNECTION OF GROUND AND NEUTRAL DOES NOT INTERFERE WITH CORRECT OPERATION OF FAULT PROTECTION.
- 19. CONDUCTORS NO. 8 AWG AND LARGER DIAMETER SHALL BE STRANDED ANNEALED COPPER. CONDUCTORS NO. 10 AWG AND SMALLER DIAMETER SHALL BE SOLID ANNEALED COPPER, EXCEPT THAT CONDUCTORS FOR REMOTE CONTROL, ALARM, AND SIGNAL CIRCUITS, CLASSES 1, 2, AND 3, SHALL BE STRANDED UNLESS SPECIFICALLY INDICATED OTHERWISE. CONDUCTOR SIZES AND AMPACITIES SHOWN ARE BASED ON COPPER, UNLESS INDICATED OTHERWISE. UNLESS SPECIFIED OR INDICATED OTHERWISE OR REQUIRED BY NFPA 70, POWER AND LIGHTING WIRES SHALL BE 600-VOLT, TYPE THWN/THHN ANNEALED COPPER, REMOTE-CONTROL AND SIGNAL CIRCUITS SHALL BE TYPE TW, THW, OR TF ANNEALED COPPER. WHERE LIGHTING FIXTURES REQUIRE 90 DEGREES C CONDUCTORS, PROVIDE ONLY CONDUCTORS WITH 90 DEGREE C INSULATION OR BETTER.
- 20. MAKE ALL SPLICES IN ACCESSIBLE LOCATIONS. MAKE SPLICES IN CONDUCTORS NO. 10 AWG AND SMALLER DIAMETER WITH INSULATED, PRESSURE-TYPE CONNECTOR. MAKE SPLICES IN CONDUCTORS NO. 8 AWG AND LARGER DIAMETER WITH SOLDERLESS CONNECTOR, AND COVER WITH INSULATION MATERIAL EQUIVALENT TO CONDUCTOR INSULATION.
- 21. PHASE CONDUCTORS SHALL BE IDENTIFIED BY COLOR CODING. THE COLOR OF THE INSULATION ON PHASES A, B, AND C RESPECTIVELY (FOR THREE PHASE) OR PHASES A AND B RESPECTIVELY (FOR SINGLE PHASE) OF DIFFERENT VOLTAGE SYSTEMS SHALL BE AS FOLLOWS: 120/208 VOLT, 3-PHASE: BLACK, RED, AND BLUE. 120/240 VOLT, SINGLE/PHASE: BLACK AND RED.
- 22. UNLESS OTHERWISE INDICATED, THE WIRING METHOD SHALL CONSIST OF THE INSTALLATION OF INSULATED CONDUCTORS INSTALLED IN RIGID PVC CONDUIT. PROVIDE INSULATED, GREEN EQUIPMENT GROUNDING CONDUCTOR IN FEEDER AND BRANCH CIRCUITS, INSTALLED IN CONDUIT OR RACEWAYS, INCLUDING LIGHTING CIRCUITS. GROUNDING CONDUCTOR SHALL BE SEPARATE FROM ELECTRICAL SYSTEM NEUTRAL CONDUCTOR. CONDUIT SIZES SHOWN ARE BASED ON USE OF COPPER CONDUCTORS WITH INSULATION TYPES AS INDICATED HEREIN. MINIMUM SIZE OF RACEWAYS SHALL BE 3/4 INCH.
- 23. FOR POLE FIXTURES, WEATHERPROOF RECEPTACLES SHOWN SHALL BE MOUNTED IN A BOX WITH A GASKETED, WEATHERPROOF, CAST-METAL COVER PLATE AND GASKETED CAP OVER EACH RECEPTACLE OPENING.
- 24. PROVIDE ALL NECESSARY JUNCTION BOXES, PULL BOXES, PULL WIRES, COVER PLATES AND OTHER MISCELLANEOUS EQUIPMENT WHICH IS NOT SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY TO COMPLETE THE WORK.
- 25. PROVIDE SHOP DRAWINGS FOR LIGHT FIXTURES, CONDUIT, FITTINGS, WIRE, CONCRETE BASES, FTC.
- 26. COORDINATE ALL WORK WITH OTHER TRADES AND ARRANGE INSTALLATION TO AVOID CLASHES BETWEEN EQUIPMENT, WORK OF OTHER TRADES.
- 27. PROVIDE 3-SETS OF AS-BUILT DRAWINGS, SUBMITTED TO THE OWNER, AT THE COMPLETION OF THE PROJECT
- 28. PROVIDE (1) SPARE LED LAMP ASSEMBLY AND DRIVER, TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.

NOTES:

1. SEE SHEET 2 FOR PROJECT NOTES.

Consulting Engineering
Services, LLC
128 Carnegie Row, Ste. 104

Norwood MA 02062

617.261.7161

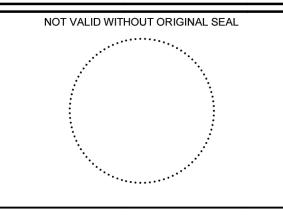
ceseng.com 2023527.00

TOWN OF HEBRON

PEDESTRIAN BRIDGE
AND TRAIL
PENDLETON DRIVE
TO LIBRARY

ELECTRICAL SPECIFICATION

CONTRACT DRAWINGS



REVISIONS			
DESCRIPTION	DATE		

DATE: FEBRUARY 2024
SCALE: N.T.S.
PROJECT No.: 2023527.00
CADD FILE: N/A
DESIGNED: LMG
DRAWN: MH
CHECKED: LMG

I:\Civil 3D\06480092_Production Drawings\Elec Dwgs.dwg, 3/5/2024 4:53:06 PM, AutoCAD PDF (General Document



Town of Hebron

Town Office Building
15 Gilead Street
HEBRON, CONNECTICUT 06248
Telephone: (860) 228-5971

FAX: (860) 228-5980 www.hebronct.com

February 8, 2024

PLANNING & DEVELOPMENT

PLANNING

ECONOMIC DEVELOPMENT

CONSERVATION

HEALTH

BUILDING

CERTIFIED MAIL

Matt Bordeaux, Director of Planning and Development Town of Hebron 15 Gilead Street Hebron, CT 06248

Re: Petition 2024-01 – 30 Pendleton Drive, 42 Pendleton Drive, 22 Main Street, and 28 Main Street, Town of Hebron, Construction of a Pedestrian Bridge and Trail and Associated Site Improvements within the Regulated Area

NOTICE OF DECISION

Dear Mr. Bordeaux:

After reviewing the application for construction of a pedestrian bridge and trail and associated site improvements within an inland wetlands upland review area and based upon the findings in accordance with Section 22a-41 of the Connecticut General Statutes, **approval** is granted for conducting the activity described in the above-referenced application, with the following conditions:

- 1. Work with the Town Engineer to determine the feasibility of the installation of a water quality swale between the paved leak-off and culvert outlet.
- 2. Examine the state of the stone walls and have the PZC take a closer look at their disposition.
- 3. Conservation and Inland Wetlands Agent will inspect SEC measures prior to and during construction.

We wish you success in this endeavor. Should you have any questions, please contact me at 860-228-5971 extension 139 or at jcordier@hebronct.com

For the Hebron Conservation and Inland Wetlands Commission:

James P. Cordier, MPH RS

Conservation and Inland Wetlands Agent

Town of Hebron

Annes P. Chiller

cc: Matt Bordeaux, Director of Planning and Development
Tom Loto, Chairman, Conservation and Inland Wetlands Commission
File # 2024-01



October 28, 2022

Mr. Thomas Fenton Nathan L. Jacobson & Associates, Inc. 86 Main Street Chester, Connecticut 06412-0337 (via email only to tfenton@nlja.com)

Subject: Pedestrian Bridge and Trail

Pendleton Road to Douglas Library

Hebron, Connecticut

Dear Mr. Fenton:

The State Historic Preservation Office (SHPO) is in receipt of your request for our comments on the potential effects of the referenced project on historic properties. It is our understanding that the Town of Hebron plans to construct a pedestrian walkway from a municipal parking lot located on Pendleton Road behind the Hebron Fire Department west to a municipal parking lot associated with the Douglas Library. The project will consist of approximately 750 linear feet of pathway that measures approximately 5 feet in width, a pedestrian bridge over an unnamed tributary of Raymond Brook, new light fixtures, and electrical conduit. The proposed activities are subject to permitting from the United States Army Corps of Engineers. As a result, the proposed project is subject to review by this office pursuant to the provisions of Section 106 of the National Historic Preservation Act.

SHPO notes that the western end of the proposed project area is located within the Hebron Center Historic District. The Hebron Center Historic District was nominated to the National Register of Historic Places (NRHP) in 1993 as a locally significant center of political, commercial, educational, and religious activity that has developed since the eighteenth century. The district was also listed to the NRHP for its well-preserved examples of eighteenth and nineteenth century architecture. In addition, a previously recorded archeological site is located in the region surrounding the proposed trail (Site 67-3). Although the area containing the proposed project location is considered archaeologically sensitive, it is unlikely that the proposed project would disturb significant archeological resources because construction will be largely confined to previously disturbed areas as well as poorly drained soils not favorable to human habitation. Based on the information provided to our office, it is SHPO's opinion that the proposed improvements will not impact the character defining features of the Hebron Center Historic District and there will be no adverse effect to historic properties.

This office appreciates the opportunity to review and comment upon this project and we look forward to additional coordination. Do not hesitate to contact Cory Atkinson, Staff Archaeologist and Environmental Reviewer, for additional information at (860) 500-2458 or cory.atkinson@ct.gov.

Sincerely,

Jonathan Kinney

State Historic Preservation Officer

TOWN OF HEBRON PLANNING AND DEVELOPMENT DEPARTMENT

TO: Planning and Zoning Commission

FROM: Matthew R. Bordeaux, Town Planner

DATE: March 6, 2024

RE: Petition 2024-03 - Petition of John A. Bond, Jr., for a Special Permit to install a

temporary storage structure in accordance with 2.D.11.3 of the Hebron Zoning Regulations on premises located at Parcel #35-15 East St, Residence-1 District.

Introduction

The applicant and property owner, Mr. John A. Bond, Jr., is requesting to place a temporary metal storage container at an approximately 15-acre parcel identified as Parcel #35/15 on East Street in the Residence-1 District. The subject parcel is split by the Andover town line, with approximately 13 acres in Hebron and 2 acres in Andover. The applicant is requesting to place a temporary metal storage container for the storage of "maintenance tools and supplies" until the home and garage are built. The container would be 20' long x 8' wide and 8.5' high.

The applicant is preparing a building permit application for construction of a new home and anticipates applying in approximately six (6) months.

The Hebron Zoning Regulations Section 2.D.11 provides for Temporary Storage in residential zones and Section 2.D.11.3 specifically notes that "Temporary storage structure(s) if not in accordance with above" are subject to Special Permit approval by the Commission. A copy of Section 2.D.11 is attached for your review.

MRB

 $H: \label{lem:hamman} H: \label{lem:hamman} H: \label{lem:hamman} Accessory \ Structure \ Memo. docx \ Attach.$





Town Office Building 15 Gilead Street; Hebron, Connecticut 06248 Phone: (860) 228-5971 Fax: (860) 228-5980



SPECIAL PERMIT APPLICATION

Applicant Information:
Name: Nortal A. Bosso, To
Name: North A. Boya, To Address: 43 STEOMAN CIRCLE, SONTH WINDSOR, CT 06074
Phone: 860 · 281 · 5432 Fax: -
Email: jabje 122 Qyaha.au
Legal Interest: Owner
Owner Information:
Name: VONA A. BOND TR ! AUSON F. SONO
Address: - Same As Alove - JAN 18 2024
Phone: Fax:
Email: Join Rlanner
Attached is documentation verifying ownership of the property.
Subject Parcel:
Address: No STREET NUMBER ASSIGNED. HEUTE 564 EAST STREET TO THE JOURN.
Size: 13.92 ac. 4- HEBROH Zone: R./ Assessor's Map and Lot #: 35/15
Is the subject parcel within 500 ft. of the Town boundary? \boxtimes yes \square no
Requested Use:
Application is made under Section 2.D.11.3 of the Hebron Zoning Regulations, requesting approval of the
following use: PLACEMENT OF A TEMPORARY METAL STORAGE CONTAINER MEASURING 201x8'Wx8.5'
PROFERY WAS PURCHASES ON 11-20-23. A PORTION OF THE PROPERTY HAS BEEN REGULARLY FARM
THOSE PORTIONS WOT FARMEN WAVE REEN WELLETTON CORPORE WILL BE USEN FOR MAINTENANCE YOUR
THOSE PORTIONS NOT HARMED HAVE BEEN MELLECTED. STORAGE WILL BE USED FOR MAINTENANCE YOULS AND SUPPLIES UNTIL HOME AND CARAGE ARE DUILT.
Relationship of Proposed Special Use to the Plan of Development:
PROFERTY IS ACTIVED AS UNCOMMITTED RESIDENTIAL LAND IN THE 2014 PLAN OF
CONSENATION AND SEVELOPMENT. THE PROPOSED SPECIAL USE HAS NO ADVERSE
IMPACT OR RECATIONSHIP WITH CAID PLANOT CONSERVATION AND DEVELOPMENT.

Benefits of Proposed Special Use to the Town of Hebron:
THE ALLOWANCE OF THE REDUISTED TEMPORARY STORAGE WILL ALLOW
FOR A MORE ASSTHETICALLY PLEASING AND ORDERLY APPEARANCE OF THE
PROPERTY WHILE EFFORTS ARE BEILD MADE TO CLEAR, MANAGE AND
MATHTALL THE PROPERTY PRIOR TO SEFFLING A BUILDING PERMIT FOR A
SINGLE- FAMILY HOME. It is AUTICIPATED WAY A. BUILDING PERMIT WILL BE
Parties of Interest*:
Engineer/Architect Name: DESIGN PLOKESSIBLAGES TAC. Address: 21 JEFFEEN DRIVE, P.O. Box 1167, DOURS WILLIASOR & 06074
Phone: 860 · 291 · 8755 Fax: 860 · 291 · \$757
Email: pdemarcie design professionalsine. com
Developer/ Builder Name: Frigitis
Address:
Phone: Fax:
Email:
*Complete information in this section as applicable.
I
Taxes:
Are all real estate, sewer use, and sewer assessment taxes current? 💆 yes 🗆 no
Attached is proof of payment. (Required)
Fees:
Town Fee* \$ + \$10 Processing Fee + \$60.00 (State Fee) = \$ (payable to
the Town of Hebron)
* Town fee is established by Town ordinance.
Town tee is established by Town Oldmanee.
Signatures:
Signature of Owner(s) Date: 1.18.2024
Signature of Owner(s) Date: 1.18.2024 Signature of Applicant(s) Date: 1.18.2024
Date. / //

Revised 7/13



Local Conveyance Tax: 517.21 State Conveyance Tax: 1551.64 BK 615 PG 67 Instr # 202301117 11/22/2023 09:06:25 AM 3 Pages WagraANTY DEED Francesca Villani Town Clerk

Record & Return to: John A. and Alison F. Bond 43 Stedman Circle South Windsor, CT 06074

WARRANTY DEED

TO ALL PEOPLE TO WHOM THESE PRESENTS SHALL COME, GREETING:

KNOW YE, THAT, Jean B. Derby, of the Town of Hebron, County of Tolland and State of Connecticut, acting herein by her Agent-in-Fact, Susan J. Derby, by virtue of a Power of Attorney dated February 4, 2023 and recorded June 26, 2023 in Volume 611, Page 452 of the Hebron Land Records, (hereinafter "Grantor")

for the consideration of TWO HUNDRED SEVENTY THOUSAND AND NO/100 (\$270,000.00) DOLLARS,

grants to John A. Bond, Jr. and Alison F. Bond, of the Town of South Windsor, County of Hartford and State of Connecticut, (hereinafter "Grantees,") as joint tenants with rights of survivorship

with WARRANTY COVENANTS in or to that certain piece or parcel of land situated in the Town of Hebron and Town of Andover, County of Tolland and State of Connecticut known as **0 East** Street and more particularly described in

Schedule A attached hereto

SAID PREMISES ARE CONVEYED SUBJECT TO:

- (1) Any and all provisions of any ordinance, municipal regulation or public or private law.
- (2) Taxes in favor of the Town of Hebron and Andover on the Grand List of October 1, 2022, and thereafter, not yet due and payable, which taxes the Grantee herein assumes and agrees to pay.
- (3) Grantee acknowledges that the property may not be subdivided for a period of five (5) years from the date of this deeds recording.
- (4) Easement in favor of The Connecticut Light and Power Company dated November 20, 1948 and recoded December 28, 1948 in Volume 44, Page 288 of the Hebron Land Records.
- (5) Assessor's Notice recorded in Volume 82, Page 1 of the Hebron Land Records.
- (6) An Easement in favor of 564 East Street as set forth in a Warranty Deed from Jean B. Derby, acting herein by her Agent-in-Fact, Susan J. Derby to Bobby Bruneau and Donna Bruneau dated June 19, 2023 and recorded June 26, 2023 in Volume 143, Page 530 of the Andover Land Records

BK: 615 PG: 67

REFERENCE IS HEREBY MADE to a Warranty Deed from Celestine Augusto and Mary Augusto to James L. Derby, Jr. and Jean B. Derby dated January 1, 1970 and recorded January 24, 1970 in Volume 22, Page 610 of the Andover Land Records and Volume 68, Page 2 of the Hebron Land Records; a Certificate Releasing Connecticut Estate Tax Lien dated April 7, 2014 and recorded June 9, 2014 in Volume 123, Page 420 of the Andover Land Records and Volume 513, Page 449 of the Hebron Land Records.

Signed this 20th day of November 2023.

Witnessed by:

JEAN B. DERBY

STATE OF CONNECTICUT)

) ss. Vernon

COUNTY OF TOLLAND

On this 20th day of November, 2023, before me, the undersigned officer, personally appeared Susan J. Derby, Agent-in-Fact for Jean B. Derby, and acknowledged that she executed the same as the act of her principal for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

William R. Broneill

Commissioner of the Superior Court

Latest mailing address of Grantee:

43 Stedman Circle

South Windsor, CT 06074

SCHEDULE A

Property Description East Street Hebron and Andover

and unto the mireyou of them, and unto such survivor's hend and grains forever, that certain press or parcel of land situated in the Towns of Rebron and Andersy, both in the County of Tolland, and Houte of Counterbround, and bounded and described as follows:

HORDHERLY: By other land of the Grantees herein;

EASTERIA; By land formerly of Jeffrey Olin

SOUTHERLY By land now or formerly of Hambborn; and

PRETERIX. By East Street.

Sonbaining 15.1 sores, more or less.

Reference may be had to a map entitled, "Boundary Survey James L. Jr. and Jean B. Derby 564 East Street, Hebron, Connecticut 5/18/88"

Received for Record Hebron Town Clerk 11/22/2023 09:06:25 AM Vol 615 Pg 67 3 Pages

BK: 615 PG: 69



Town of Hebron

r	
Town of Hebron	
15 GILEAD ST	
HEBRON, CT 06248	

Bill Information

Taxpayer Information					
Bill #	2022-1-0000702 (REAL ESTATE)	Town Benefit			
Unique ID	702	Elderly Benefit			
District/Flag					
Name	BOND JOHN A JR & ALISON F	Assessment	8,260		
Care of/DBA		Exemption	0		
Address		Net	8,260		
Detail Information	EAST ST				
Volume/Page			Town 33.19		
		Mill Rate			

Bill Information As of 01/16/2024					
Installment	Due Date	Town	Total Due		
Inst #1	07/01/2023	137.08			
Inst #2	01/01/2024	137.08	Tax/ Princ/ Bond Due	0.00	
Inst #3			Interest Due	0.00	
Inst #4			Thicrest Due	0.00	
Total Adjustments 0.00		Lien Due	0.00		
Total Installment	t + Adjustment	274.16	Fee Due		
Total Payments 274.16		274.16	Total Due Now	0,00	
			Balance Due	0.00	

*** Note: This is not a tax form, please contact your financial advisor for information regarding tax reporting. ***

Payment History						
Payment Date	Туре	Tax/Principal/Bond	Interest	Lien	Fee	Total
08/01/2023	PAY	274,16	0.00	0.00	0,00	274.16
			,,			
·				1		

PPP Tabel managements and the second of the		
*** Total payments made to taxes in	2023	\$274.16
		I.



Town of Andover

pan		
Town of Andover		
17 SCHOOL RD		
ANDOVER, CT 0623	2	

Bill Information

|--|--|

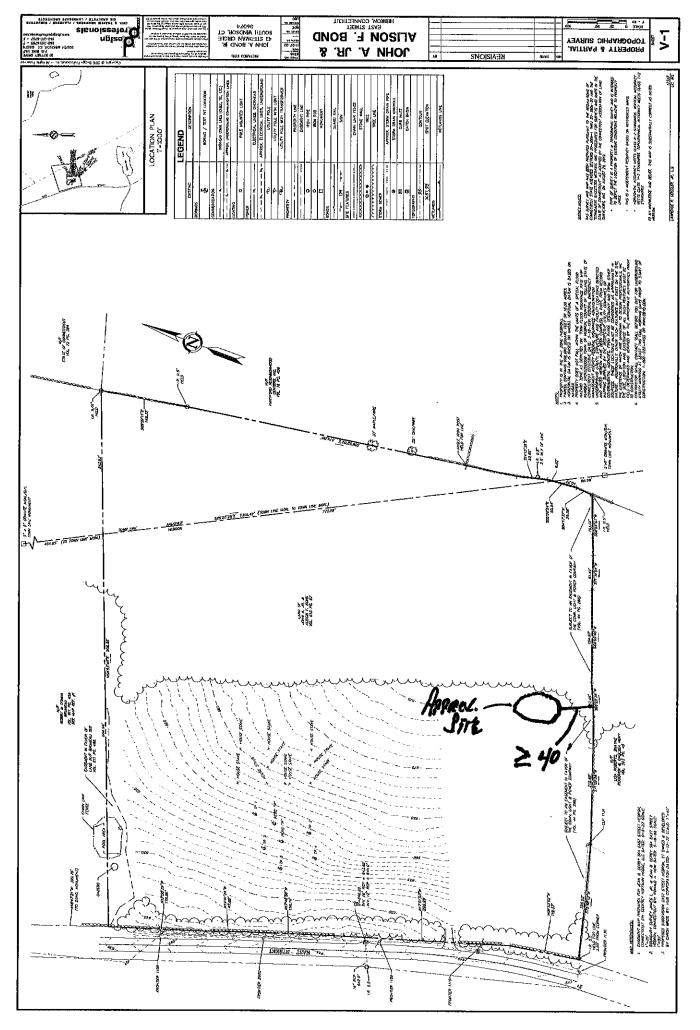
)					
Taxpayer Information					
Bill #	2021-1-0000363 (REAL ESTATE)	Town Benefit			
Unique ID	13	Elderly Benefit			
District/Flag					
Name	DERBY JAMES L JR & JEAN B	Assessment	2,100		
Care of/DBA		Exemption	0		
Address		Net	2,100		
Detail Information	EAST ST				
Volume/Page			Town 31.91		
		Mill Rate			

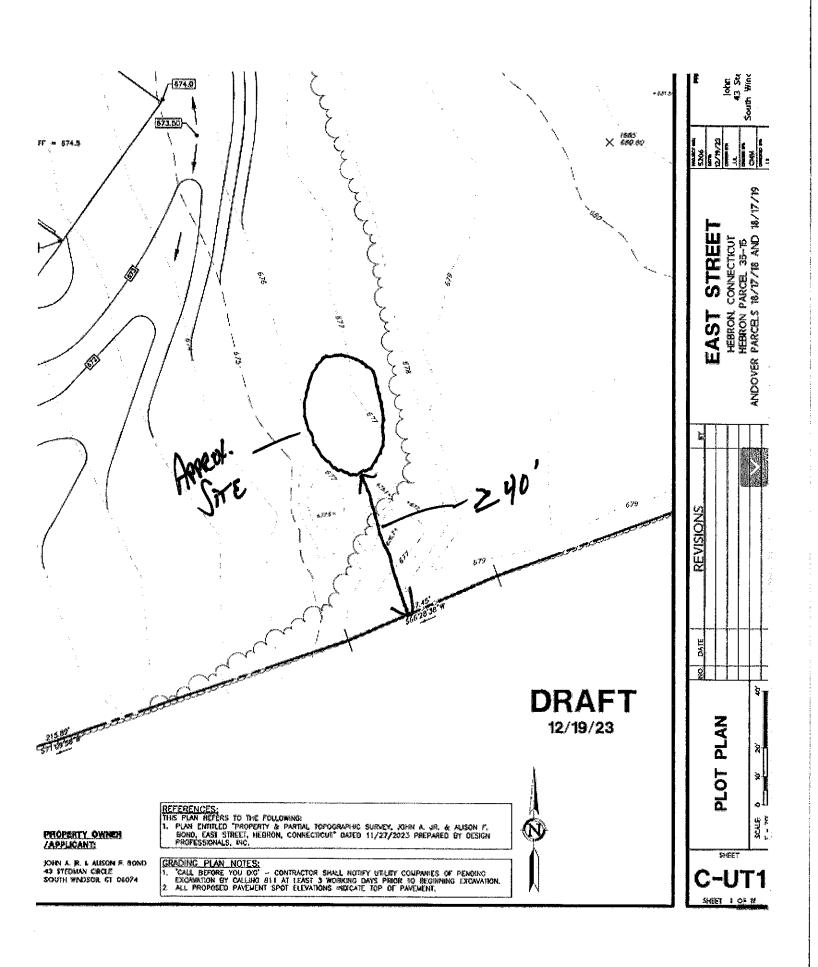
Bill Information As of 01/16/2024					
Installment Due Date		Town	Total Due		
Inst #1	07/01/2022	67.01			
Inst #2	10/01/2022		Tax/ Princ/ Bond Due	0.00	
Inst #3	01/01/2023		Interest Due	0.00	
Inst #4	04/01/2023				
Total Adjustmen	ts	0.00	Lien Due	0.00	
Total Installment	t + Adjustment	67.01	Fee Due	0.00	
Total Payments		67.01	Total Due Now	0.00	
			Balance Due	0.00	

*** Note: This is not a tax form, please contact your financial advisor for information regarding tax reporting. ***

Payment History						
Payment Date	Туре	Tax/Principal/Bond	Interest	Lien	Fee	Total
07/25/2022	PAY	67.01	0.00	0.00	0.00	67.01
				 		
				1		

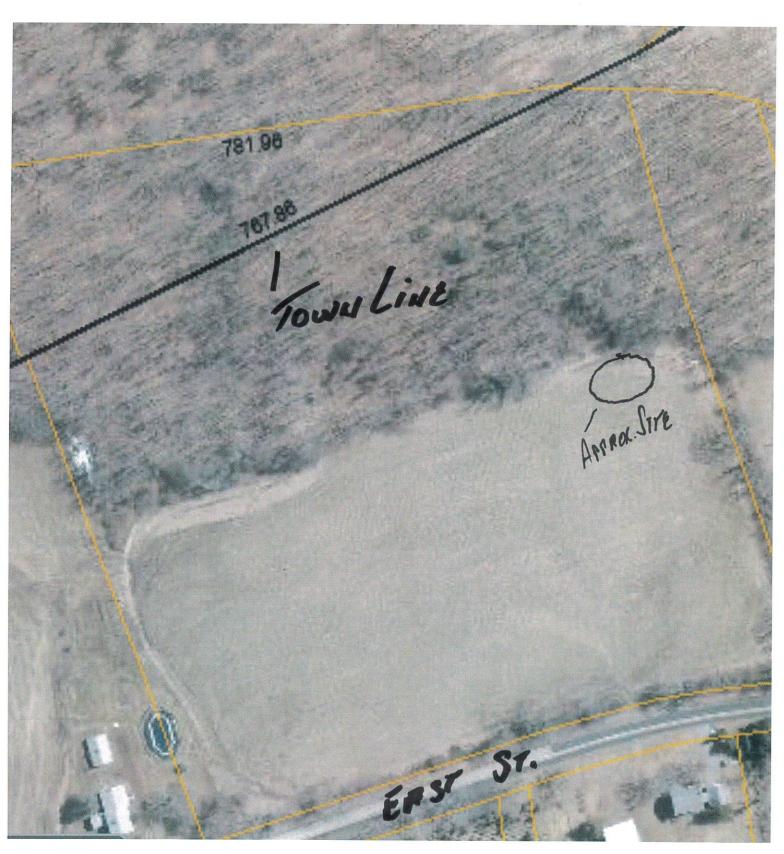
*** Total payments made to taxes in	2023		\$0.00



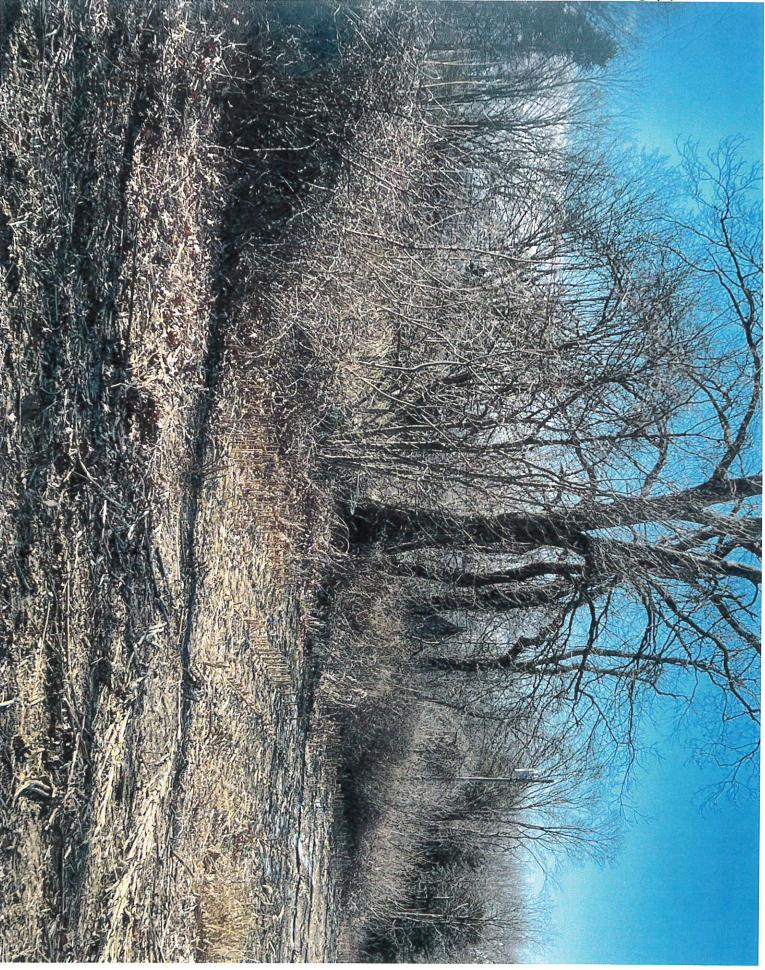


AFRIAL VIEW OF LOT

-N



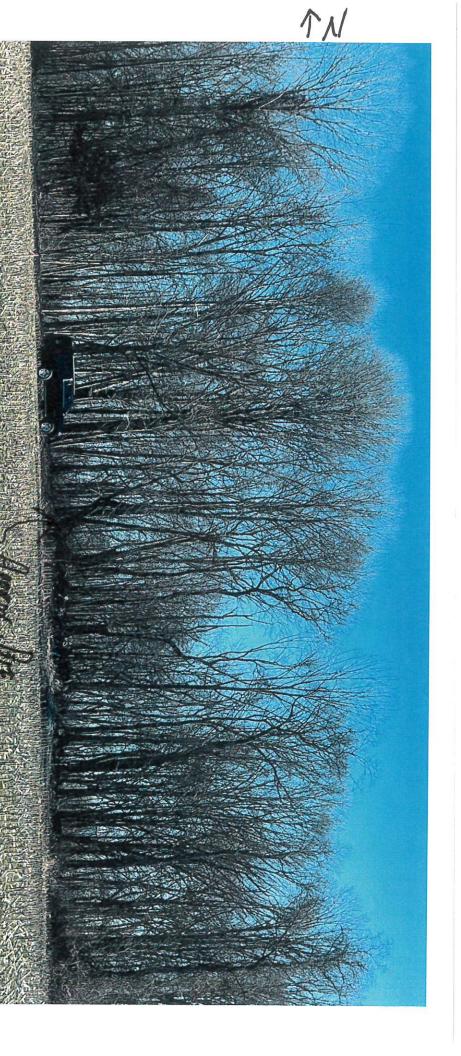
VIEW TO SOUTHERLY ABUTTUG MEIGHBOR

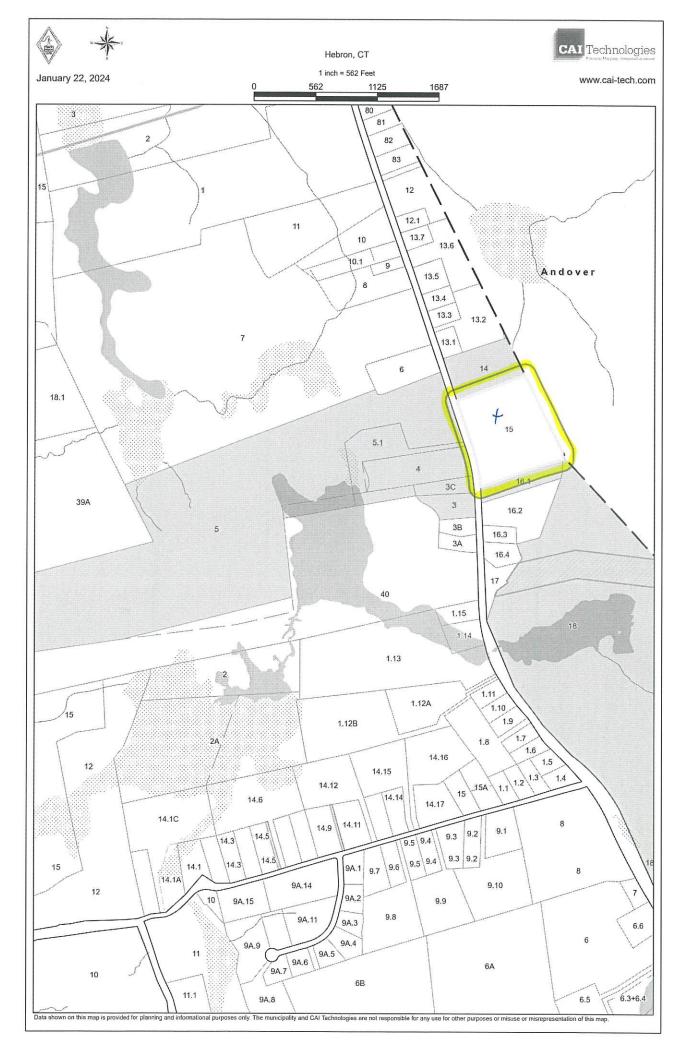


JH

VIEW FROM EAST STREET

View OF APPROX. SITE







100 foot Abutters List Report

Hebron, CT January 22, 2024 Special Remit - Vourt ; Aisout BOND 35/16 EAST S.

Subject Property:

Parcel Number:

CAMA Number:

35-15

Property Address: EAST ST

Mailing Address: DERBY JEAN B

564 EAST ST

HEBRON, CT 062481123

Abutters:

Parcel Number:

35-14

CAMA Number:

35-14

Property Address: 564 EAST ST

Mailing Address: BRUNEAU BOBBY & DONNA

564 EAST ST

HEBRON, CT 062481123

Parcel Number:

35-16.1

35-16.1 CAMA Number:

Property Address: 528 EAST ST

Mailing Address:

ROBERTS LISA & RODERICK SHAYNE &

HERY CHELSEA

600 BUCKLEY HIGHWAY

UNION, CT 06076

Parcel Number:

35-18

CAMA Number:

35-18

Property Address: 444 EAST ST

Mailing Address:

HARTFORD NEIGHBORHOOD CENTERS

38 LAWRENCE ST

HARTFORD, CT 061060000

Parcel Number:

35 - 3

CAMA Number:

35-3

Property Address: 523 EAST ST

Mailing Address: HOLMGREN CARL G JR

523 EAST ST

HEBRON, CT 062481134

Parcel Number:

35-3C

CAMA Number: 35-3C Property Address: 531 EAST ST

Property Address: 539 EAST ST

Mailing Address: CANTONE JOSEPH A & SANDRA L

531 EAST ST

HEBRON, CT 062481134

Parcel Number: CAMA Number:

35-4

35-4

Mailing Address:

OSTAFIN GARRETT E

539 EAST ST

HEBRON, CT 062481134

Parcel Number:

35-5

Mailing Address: GRAHN STEVEN E

CAMA Number: 35-5

559 EAST ST HEBRON, CT 062481134

Property Address: 559 EAST ST

Parcel Number:

1/22/2024

35-5.1

Mailing Address: GRAHN MARK K & DEBORAH R

543 EAST ST

CAMA Number: Property Address: 543 EAST ST

35-5.1

HEBRON, CT 062481134

Section 2.D

RESIDENCE DISTRICTS & USES

ACCESSORY USES AND STRUCTURES

2. D	.11. TEMPORARY STORAGE	R-1	R-2	AL
1.	Provided that such structure shall be placed on the driveway and shall not be located in a required yard setback: a. one (1) temporary storage structure of up to 8' x 8' x 16' for a period of up to 90 days total in any twelve month period; or b. two (2) temporary storage structures of up to 8' x 8' x 16' each for a period of up to 30 days total in any twelve month period.	No Zoning Permit Required	No Zoning Permit Required	No Zoning Permit Required
2.	Provided that such structure shall be placed on the driveway and shall not be located in a required yard setback: a. one (1) temporary storage structure of up to 8' x 8' x 16' for a period of up to 180 days total in any twelve month period; or b. two (2) temporary storage structures of up to 8' x 8' x 16' each for a period of up to 60 days total in any twelve month period.	Zoning Permit (Staff)	Zoning Permit (Staff)	Zoning Permit (Staff)
3.	Temporary storage structure(s) if not in accordance with the above.	Special Permit (PZC)	Special Permit (PZC)	Special Permit (PZC)

2.0	0.12. ENERGY / MECHANICAL EQUIPMENT	R-1	R-2	AL
1.	Solar Energy – Solar panels when attached to a wall or roof and project no more than twelve inches (12") from the wall or roof.	No Zoning Permit Required	No Zoning Permit Required	No Zoning Permit Required
2.	Solar Energy - Solar panels when not attached to a wall or roof or when project more than twelve inches (12") from a wall or roof.	Zoning Permit (Staff)	Zoning Permit (Staff)	Zoning Permit (Staff)
3.	Wind Energy – A wind turbine with rated capacity of one hundred (100) kW or less provided the total height does not exceed 100 feet and the tower is set back at least 100 feet from the nearest property line.	Special Permit (PZC)	Special Permit (PZC)	Special Permit (PZC)
4.	Mechanical Equipment – Generator, air conditioning condenser, compressor, propane tank or similar equipment provided such equipment shall meet the yard setbacks for an accessory structure and shall be located closer to the dwelling unit it serves than to any other dwelling.	Zoning Permit (Staff)	Zoning Permit (Staff)	Zoning Permit (Staff)