TOWN OF HEBRON

Public Works Building Project



OVERVIEW



- History
- Recent supplemental site analyses
 - Locate/confirm wetland delineation
 - Review alternative layouts (i.e closer to Kinney Road)
 - SHPO referral (Phase I Archaeological Reconnaissance Survey)
- Limitations/inadequacy of existing site
- Consideration of alternative sites
- Consistency with other environmental plans and studies

PARCEL ZONING AND ENVIRONMENTAL REVIEW HISTORY



CBD Update and Proposed Business Expansion Area

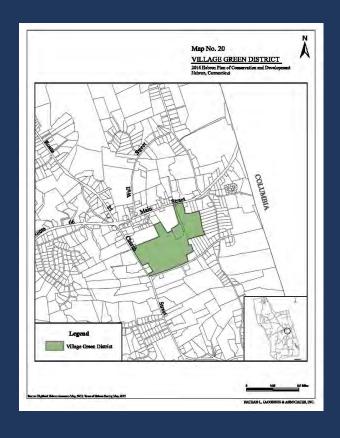
Hebron, Connecticut

Eastern Connecticut Environmental Review Team Report

Eastern Connecticut
Resource Conservation and Development Area, Inc.



2000 PZC Establishment of the Village Green Zoning District



Village Green Zoning
District

2000 Environmental Review Team Report of Business Expansion Area

DPW Needs and Site Selection and Analysis

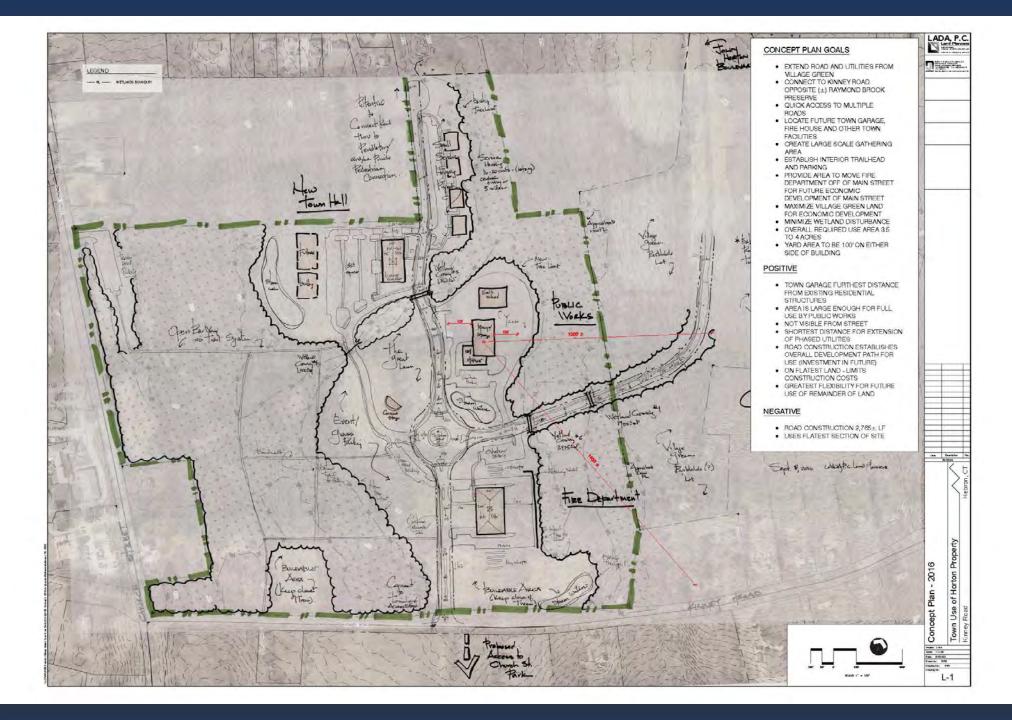
- 2010 Town of Hebron Municipal Facilities Study by Town Staff
- ➤ 2013 DPW Facility Study by CME Associates
- > 2017 DPW Feasibility Study BL Associates
- > 2018 DPW Facility Study Board of Selectmen Presentation
- > 2019 Horton Parcel Purchase Presentation
- 2021 HPBC Report and Presentation Board of Selectmen Presentation

SUPPLEMENTARY PRELIMINARY STUDIES NEEDED

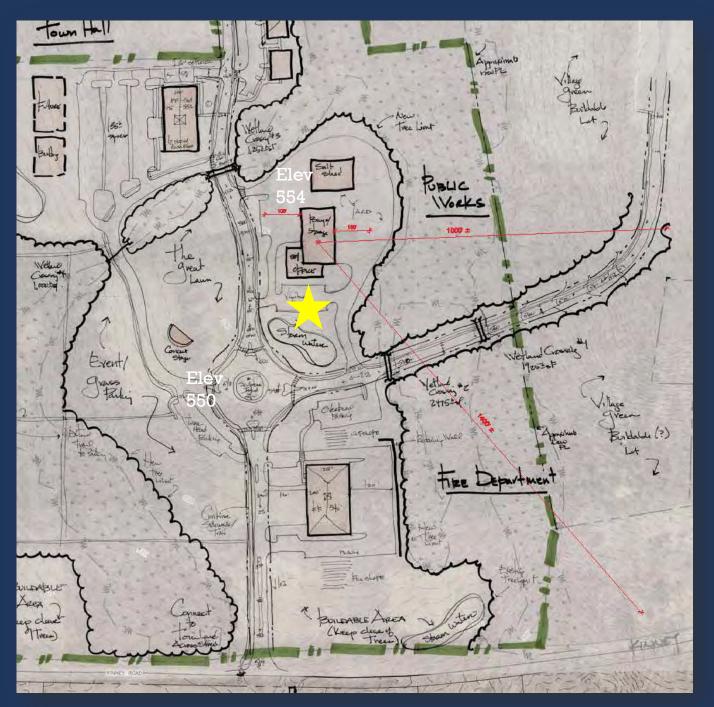
- Soil Scientist to Confirm Wetland Boundaries
- > Further Site Analysis to Consider Alternate Layout
- Referral to State Historic Preservation Office (SHPO)
- Phase I Archaeological Reconnaissance Survey

WETLAND DELINEATION





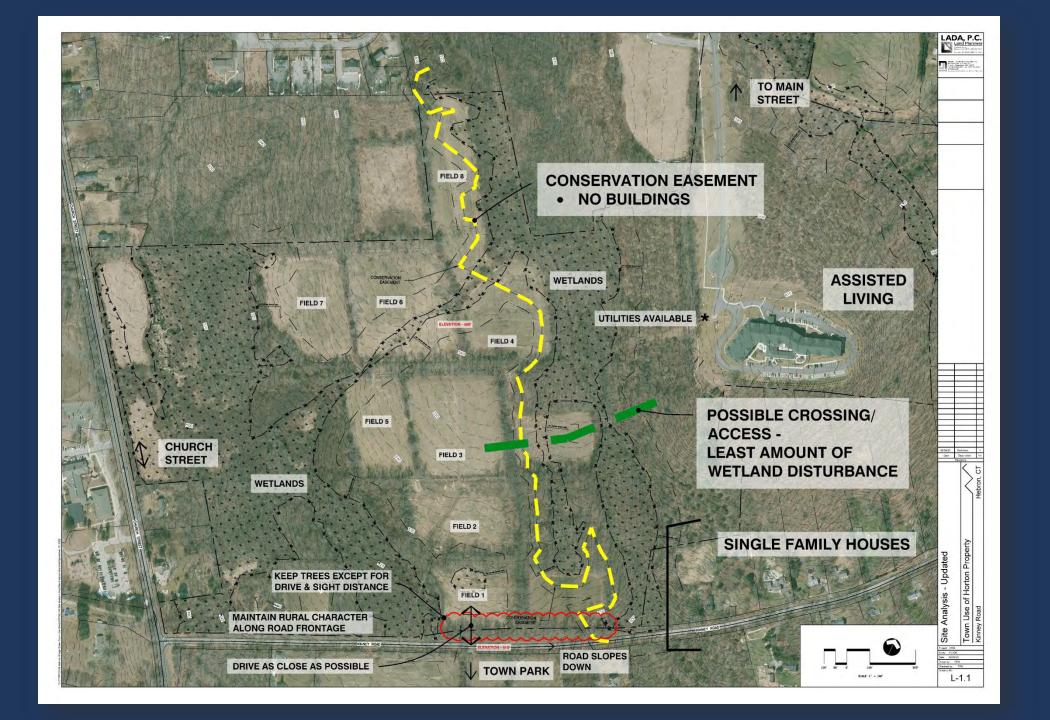
2016 Plan

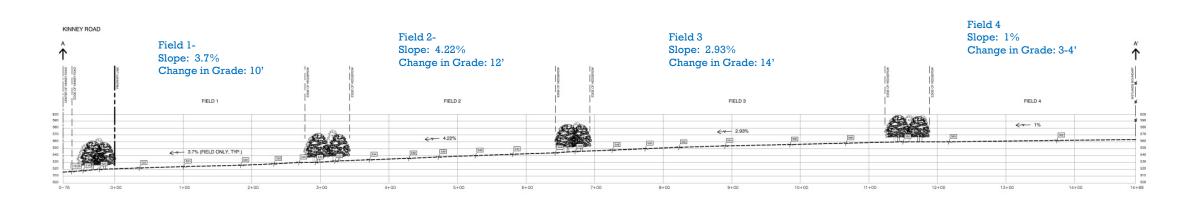


CONCEPT PLAN GOALS

- EXTEND ROAD AND UTILITIES FROM VILLAGE GREEN
- CONNECT TO KINNEY ROAD OPPOSITE (±) RAYMOND BROOK PRESERVE
- QUICK ACCESS TO MULTIPLE ROADS
- LOCATE FUTURE TOWN GARAGE, FIRE HOUSE AND OTHER TOWN FACILITIES
- CREATE LARGE SCALE GATHERING AREA
- ESTABLISH INTERIOR TRAILHEAD AND PARKING
- PROVIDE AREA TO MOVE FIRE DEPARTMENT OFF OF MAIN STREET FOR FUTURE ECONOMIC DEVELOPMENT OF MAIN STREET
- MAXIMIZE VILLAGE GREEN LAND FOR ECONOMIC DEVELOPMENT
- MINIMIZE WETLAND DISTURBANCE
- OVERALL REQUIRED USE AREA 3.5 TO 4 ACRES
- YARD AREA TO BE 100' ON EITHER SIDE OF BUILDING

2016 Plan

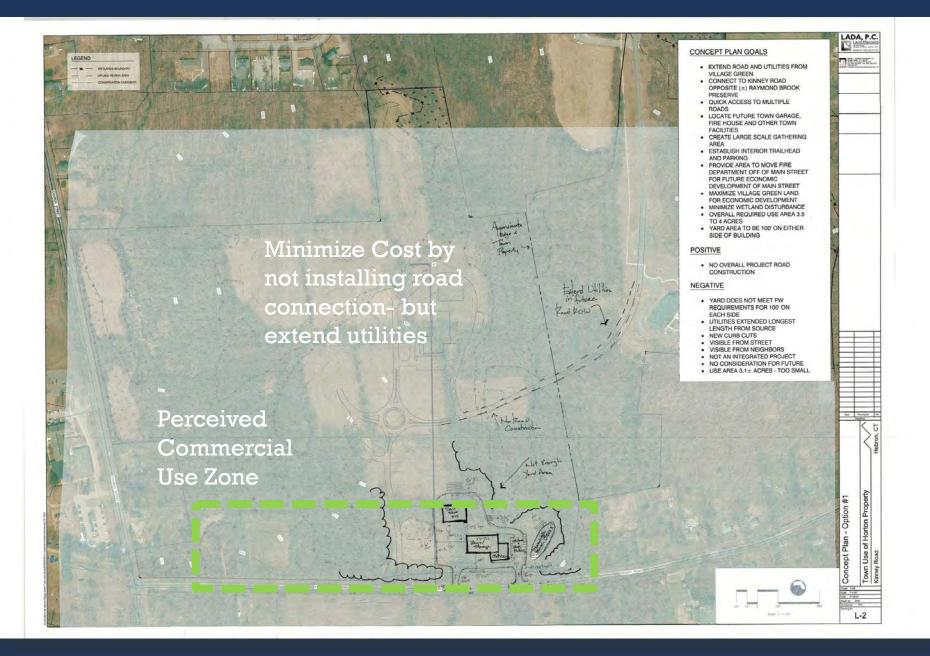


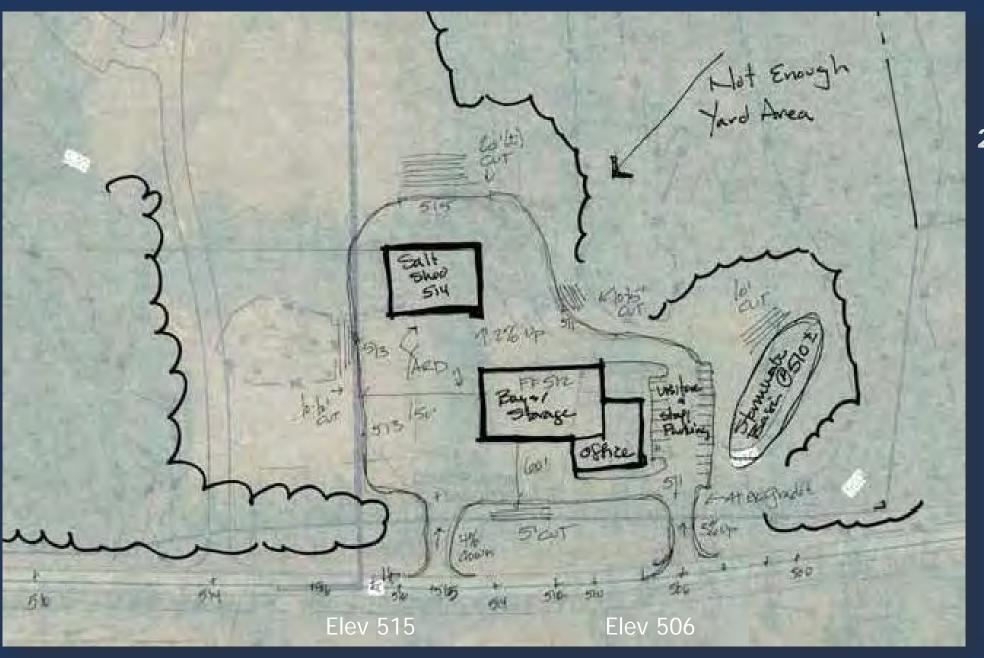


SECTION A - A' - EXISTING CONDITIONS

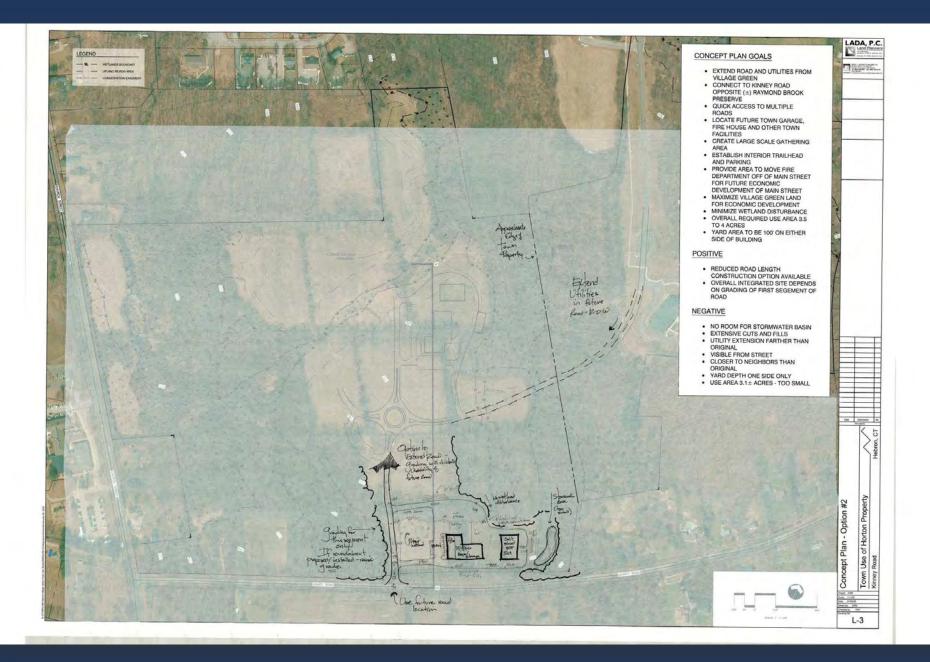
SCALE: 1" = 50' (HORIZONTAL AND VERTICAL)

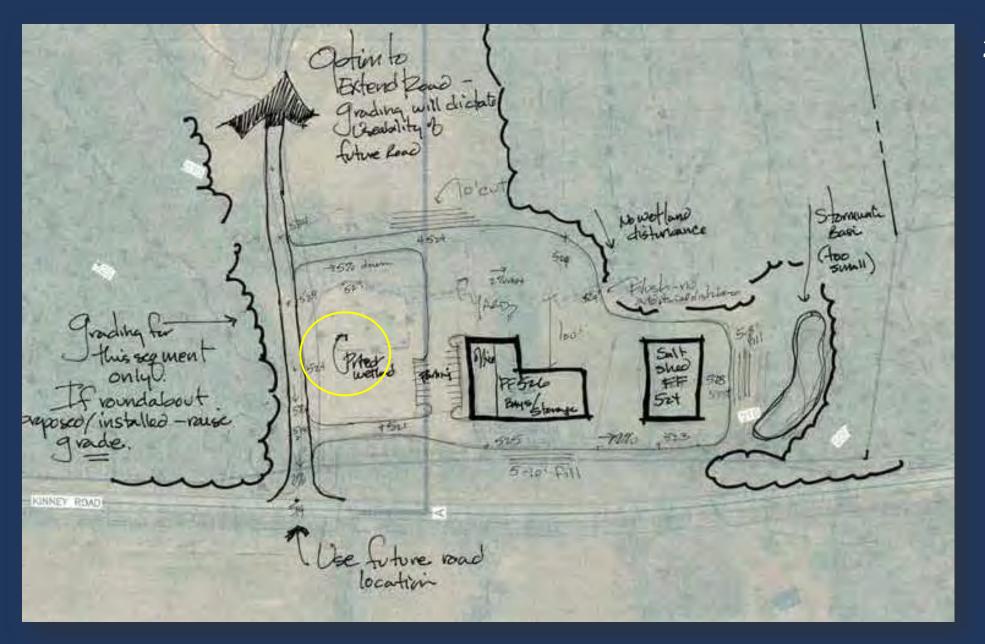
- Land is steeper closer to Kinney Road
- Change of Grade from Kinney Road to Field 4 – 45'



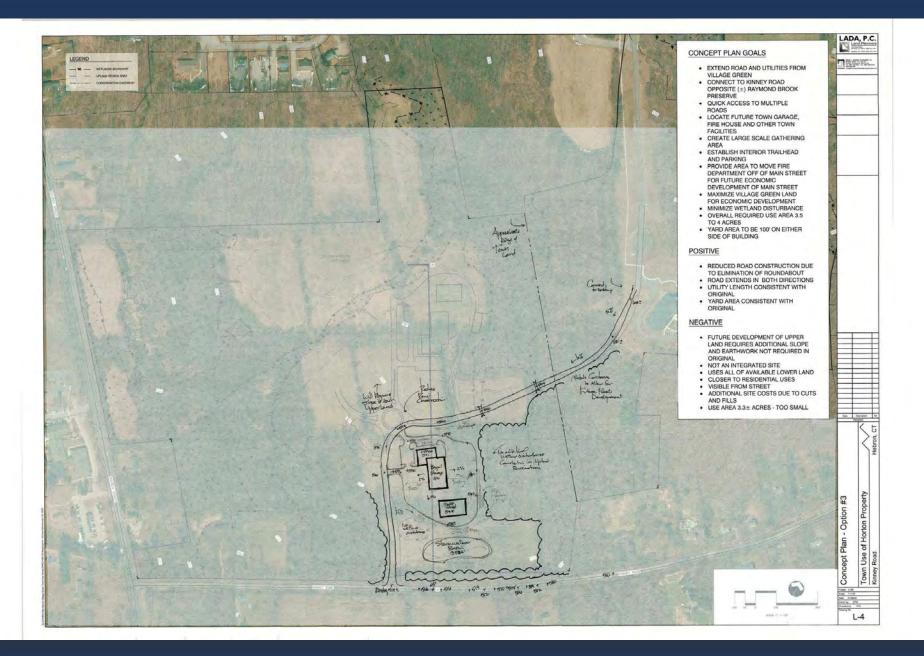


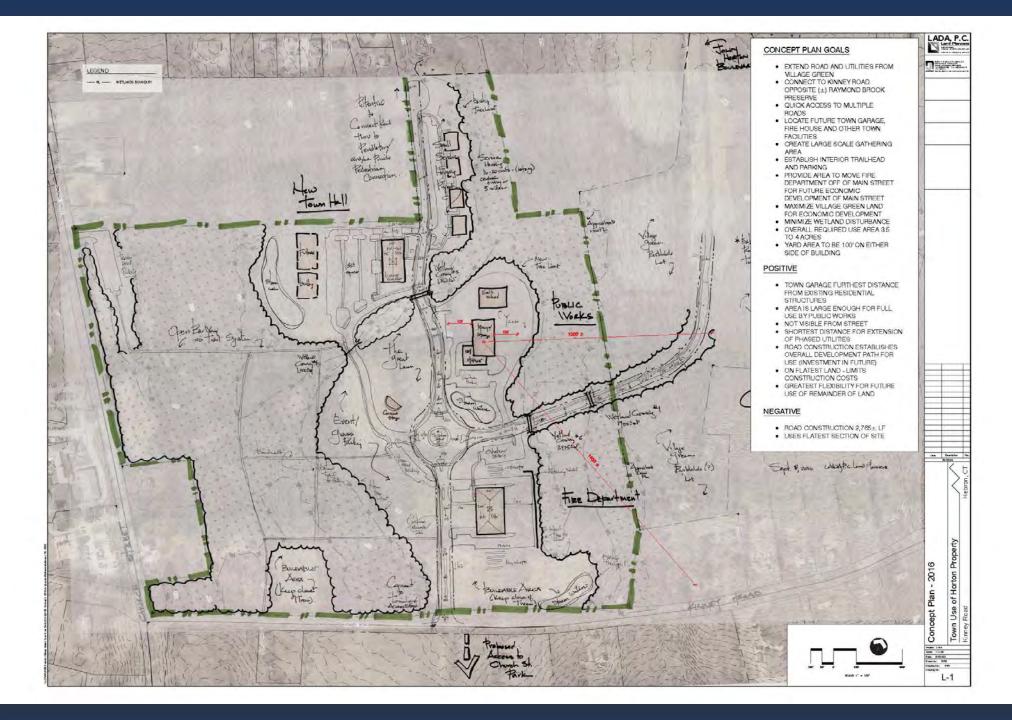
- Extensive cuts and fills
- Potential grading in new wetland area
- Conservation
 Area
 disturbed



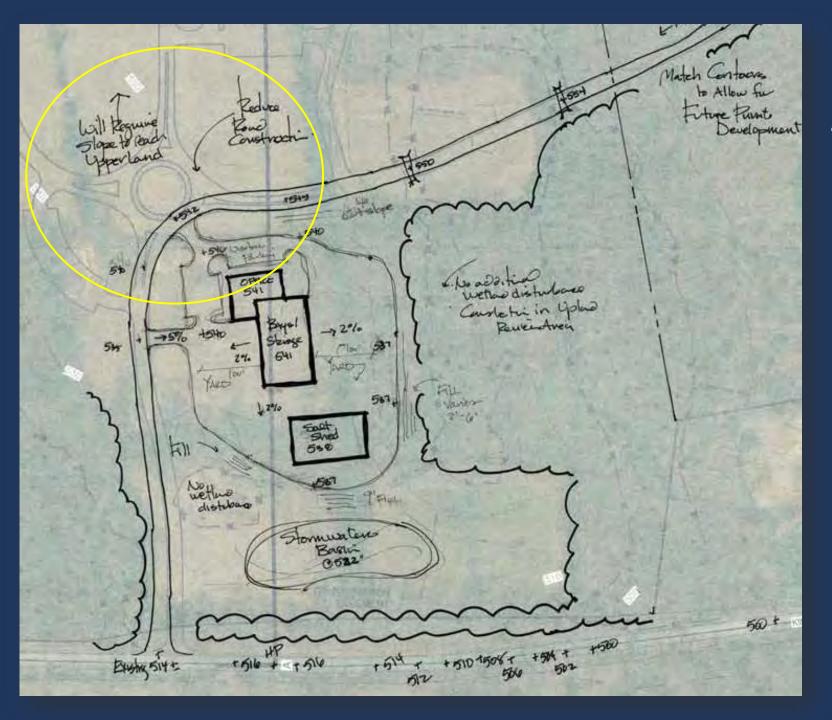


- Reduced cuts and fills
- New wetland area- no disturbance
- Conservation Area disturbed
- Not enough land avaiable for stormwater
- Road needs to match grades for extension to JH Boulevard – need to raise



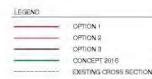


2016 Plan



- Road grade to be lowered to minimize cuts and fills
- When that
 happens- cuts
 off future
 extension and
 reduces
 usablity of
 rest of land.
- Conservation Area disturbed
- Ancient Tree
 Removed



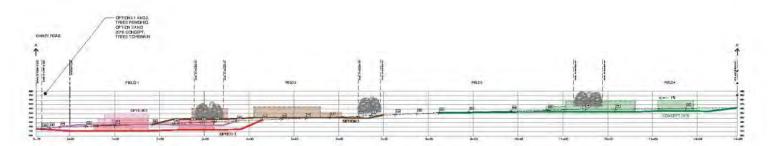


-- EXISTING CROSS SECTION

LOCATION PLAN



SECTION A - A' - EXISTING CONDITIONS SECTION A - A' - EXISTING CO SCALE 1"=50"(HORIZONTAL AND VERTICAL)

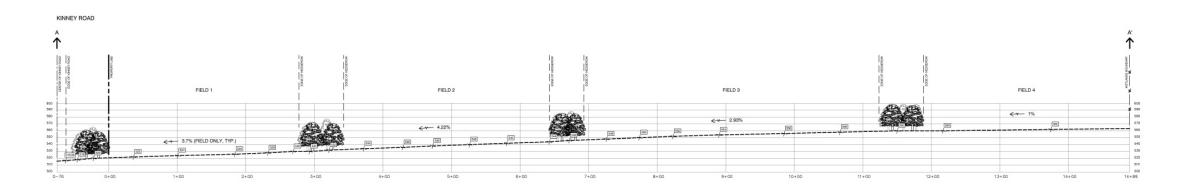


SECTION A - A' - CONCEPT OPTIONS SECTION A - A' - CONCEPT OP BCALE 1" = 50" (HORIZONTAL AND VERTICAL)

DUE TO SECTION LOCATION, BUILDING OR PARTS OF BUILDING MAY BE IN ELEVATION.

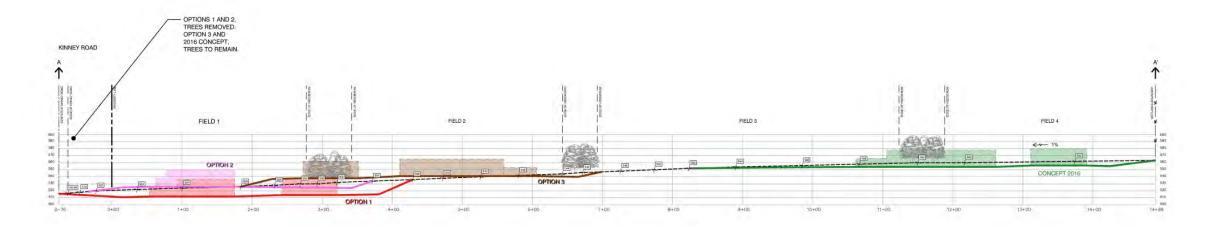
Town Use of Horton Property Kinney Road L-5

LADA, P.C.



SECTION A - A' - EXISTING CONDITIONS

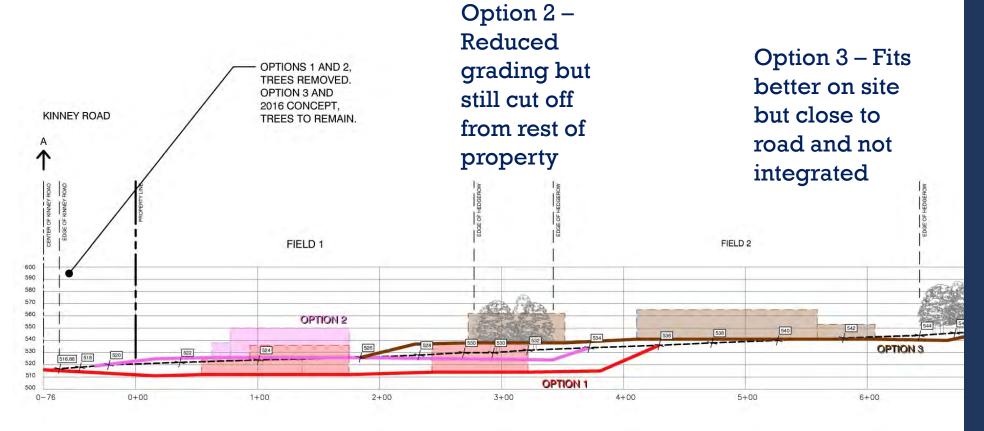
SCALE: 1" = 50' (HORIZONTAL AND VERTICAL)



SECTION A - A' - CONCEPT OPTIONS

SCALE: 1" = 50' (HORIZONTAL AND VERTICAL)

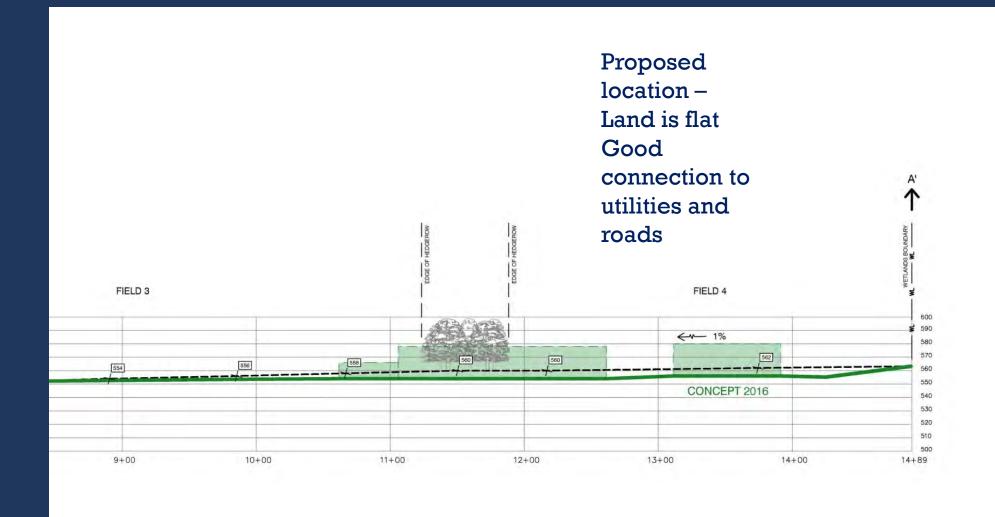
DUE TO SECTION LOCATION, BUILDING OR PARTS OF BUILDING MAY BE IN ELEVATION.

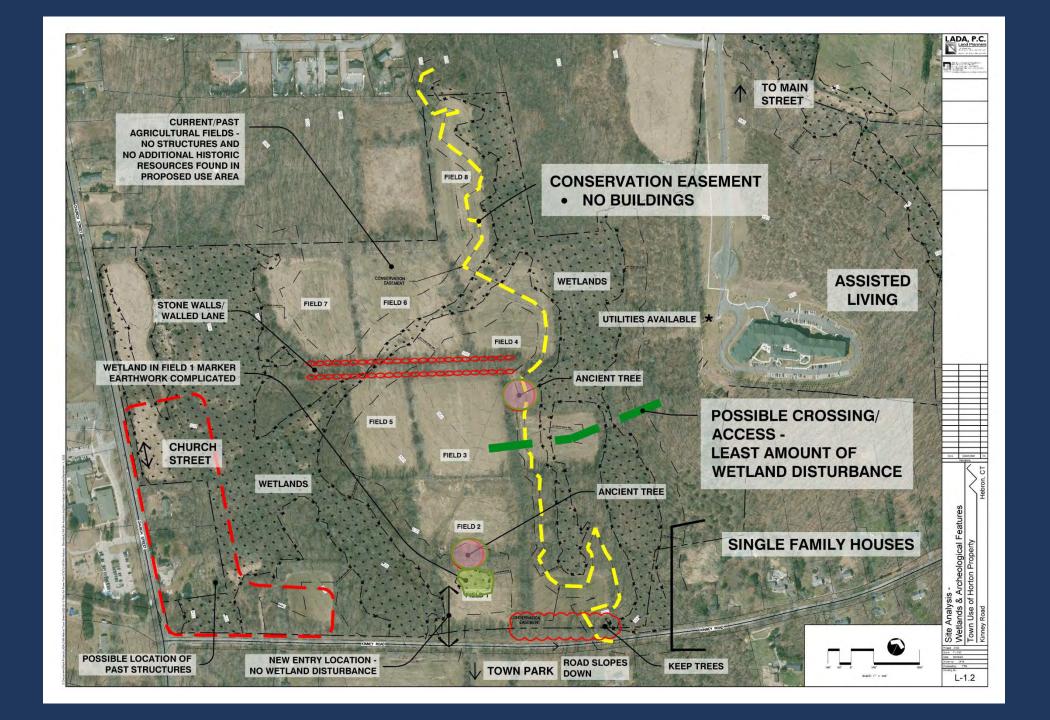




DUE TO SECTION LOCATION, BUILDING OR PARTS OF BUILDING MAY BE IN ELEVATION.

Option 1 – significant grading required- too small





ARCHAEOLOGY

Report on Phase I Archaeological Reconnaissance Survey For the Hebron Town Complex Phase I - Public Works Facility in Hebron, CT

May 2022

Report prepared for Town of Hebron Mathan L. Jacobson & Associates, Inc. Thomas H. Fenton, P.E.

> Report prepared by Sarah Holmes, PhD Archaeology Consultant alheatt.net 860 501-1446.

Connecticut

State Mistorio Presidentian Offic-Department of Lognamic and Community Development

August 19, 2022

Andrew Tierney, Town Manager Town of Hebron 15 Gilead Street Hebron, CT 06248 (via email only to atterney whebrones com)

Hebron Public Works Facility/Municipal Complex John E. Horton Boulevard and Kinney Road Hebron, Connecticut

Dear Mr. Tiemey:

The State Historic Preservation Office (SHPO) has been assisting the Town of Hebron (Town) with its responsibilities to avoid or minimize impacts to historic resources that may occur as a result of the proposed referenced project. SHPO provided comments to the Town as part of the planning process for the currently proposed Area of Potential Effect (APE) which encompasses 11 acres within the larger project parcel. This letter is intended to provide clarification of prior correspondence.

To date, our office has not received sufficient evidence to suggest that the APE or larger project parcel meets the threshold of significance for inclusion on the National Register of Historic Places applying the criteria for evaluation (36 CFR 60 4). SHPO understands that this potential may exist, but substantial additional research, documentation, and survey would be required to prepare a formal eligibility assessment. After reviewing the property characteristics, known historic properties in the vicinity, and recently submitted information with SHPO staff; our office concluded that development of the currently proposed APE is minor and would not diminish the potential significance of the 86-acre project parcel Therefore, SHPO has no objection to the development of the currently proposed APE. As relayed in prior correspondence; however, SHPO requests that a professional cultural resources survey be completed prior to any subsequent phases of development; additional research to substantiate an eligibility evaluation should completed as part of future investigations.

We look forward to additional consultation as subsequent phases of this project development move forward. This letter supersedes all prior communications. For additional information, please contact Cory Atkinson, Environmental Reviewer, at (860) 500-2458 or cory atkinson met gov.

Jonathan Kinney

State Historic Preservation Officer

From: Atkinson, Cory <Cory.Atkinson@ct.gov> Sent: Friday, September 9, 2022 4:59 PM

To: Mary-Ellen Gonci <mergonci65@comcast.net>

Cc: Andy Tierney <atierney@hebronct.com>; Kinney, Jonathan <Jonathan.Kinney@ct.gov>

Subject: Horton Municipal complex

Ms. Gonci.

I hope this email finds you well. The State Historic Preservation Office (SHPO) would be happy to clarify its position for you.

As stated in prior correspondence to the town and their consultant, this office maintains that the Phase I development of the proposed municipal center will have no adverse effect on historic properties. We acknowledge that there have been several historical associations/connections to the subject property raised in the archaeological report prepared for the town by their consultant as well as by the Hebron Historical Society (HSS). To date, however, our office has not received any information to suggest that these associations meet the threshold of significance for listing on the National Register of Historic Places (NRHP) applying the criteria for evaluation (36 CFR 60.4[a-d]). It is important to note that ownership of a property by a person(s) considered historically important. does not ensure that the parcel is considered significant.

I think it may be helpful to schedule a phone call to discuss the concerns you've outlined in your letter in more detail. Please feel free to reach out with your availability and we can talk through the process as well as our office's position.

Sincerely,

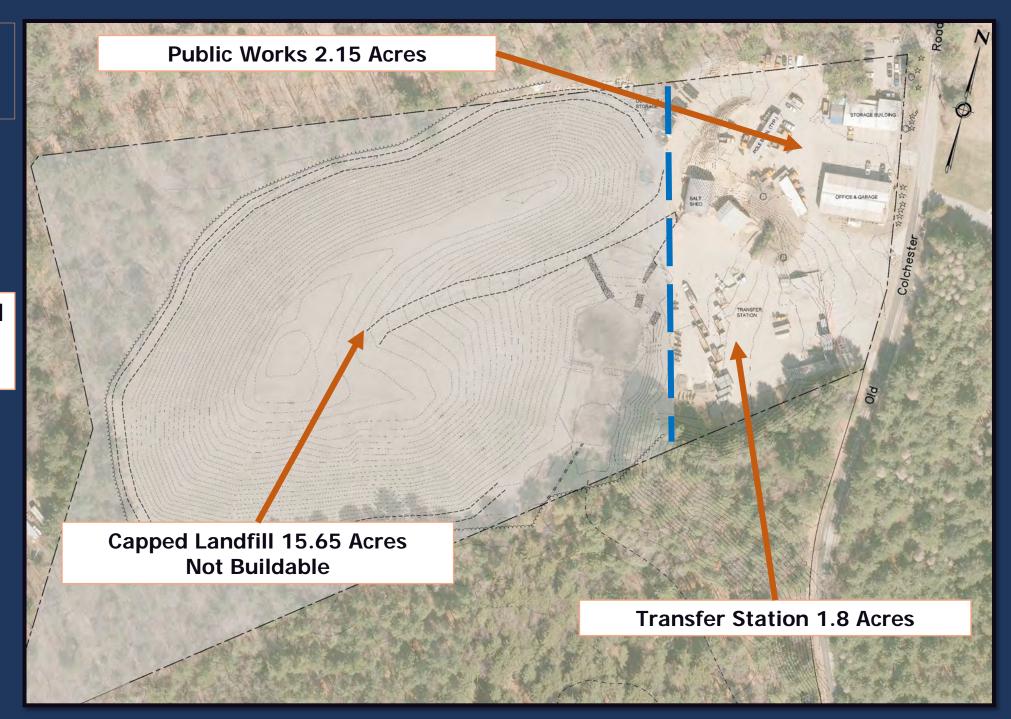
Cory Atkinson

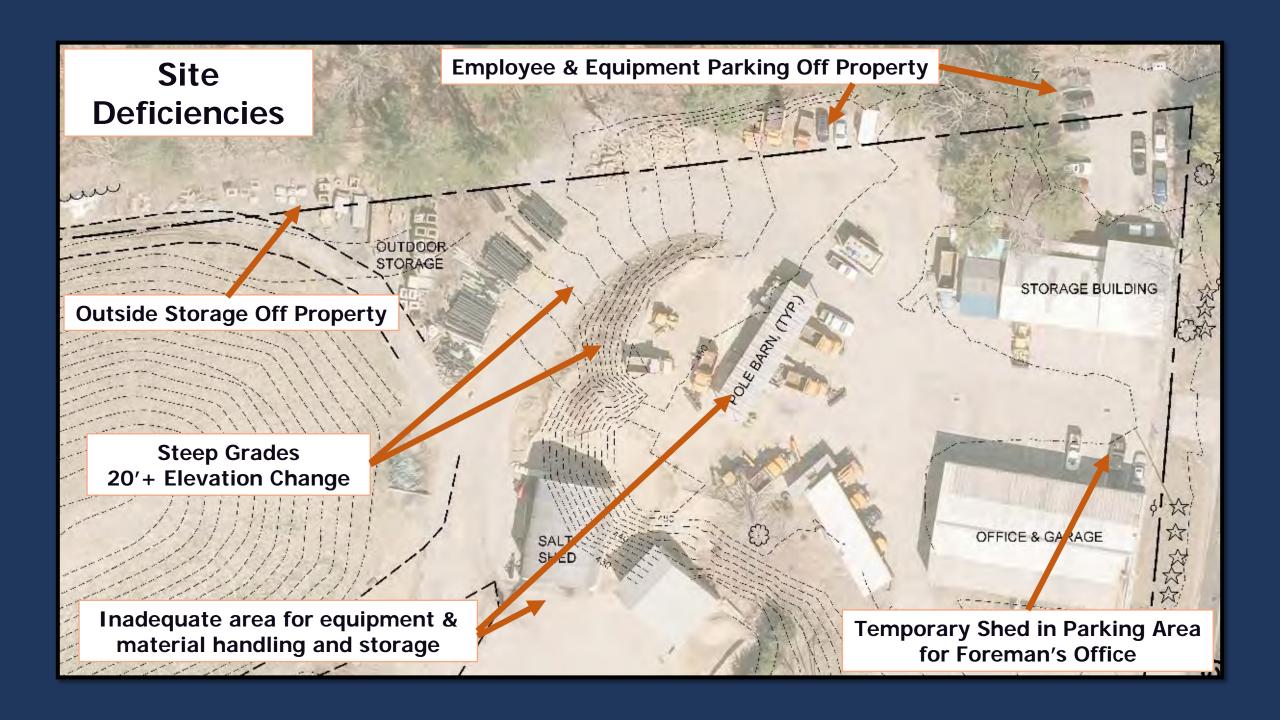
Staff Archaeologist State Historic Preservation Office Department of Economic & Community Development 450 Columbus Boulevard, Suite 5 Hartford, CT 06103 (860) 500-2458 (direct) Cory Atkinson act poy



EXISTING SITE

Old Colchester Road Total Site Area: 19.6 Acres





Building Inadequacies

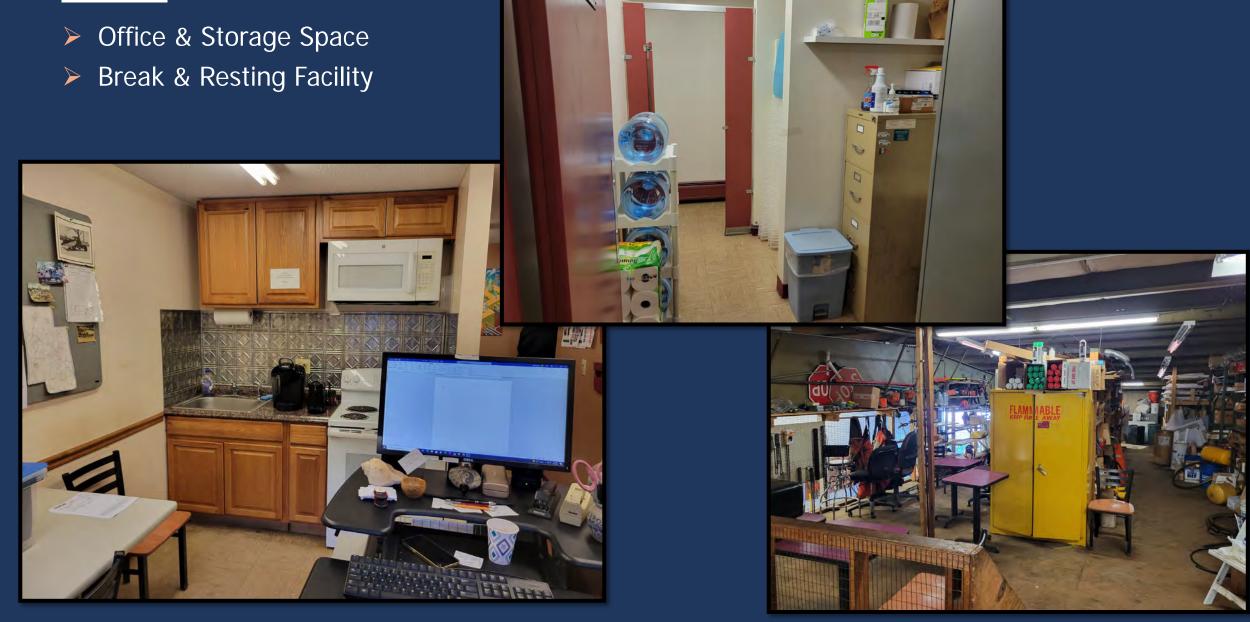
Lack of:

- ➤ Indoor Truck Parking
- Wash Bay
- Maintenance Bay Lifting Mechanism





Lack of:



Lack of:

Enclosed Equipment Storage

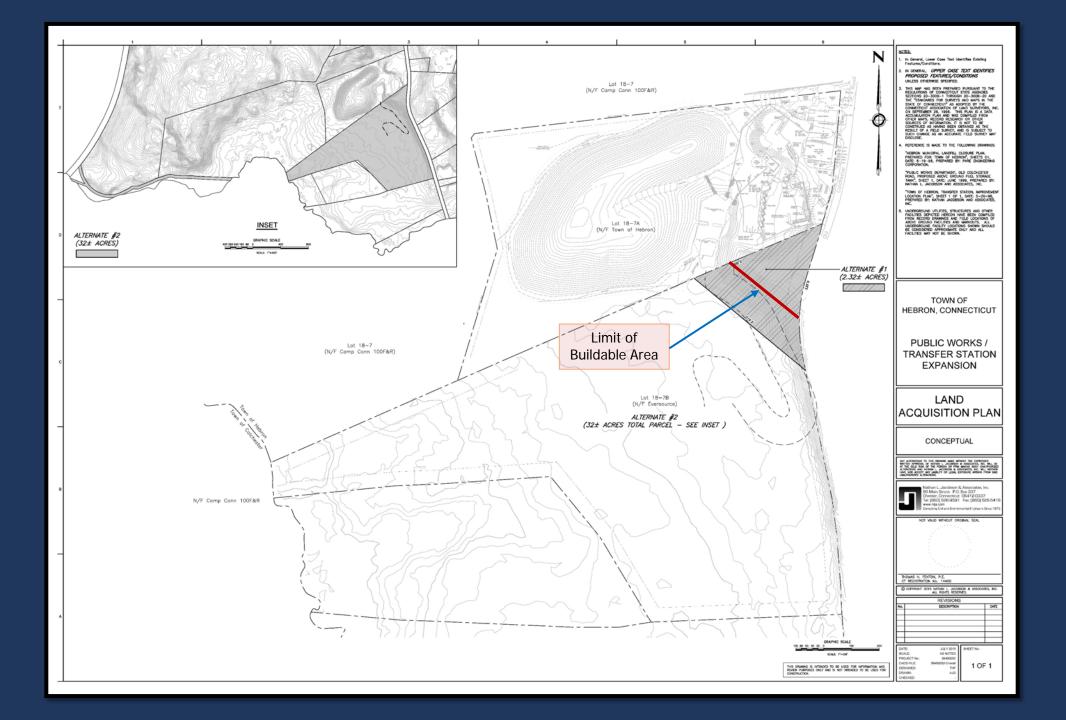
Deicing Materials Coverage Storage

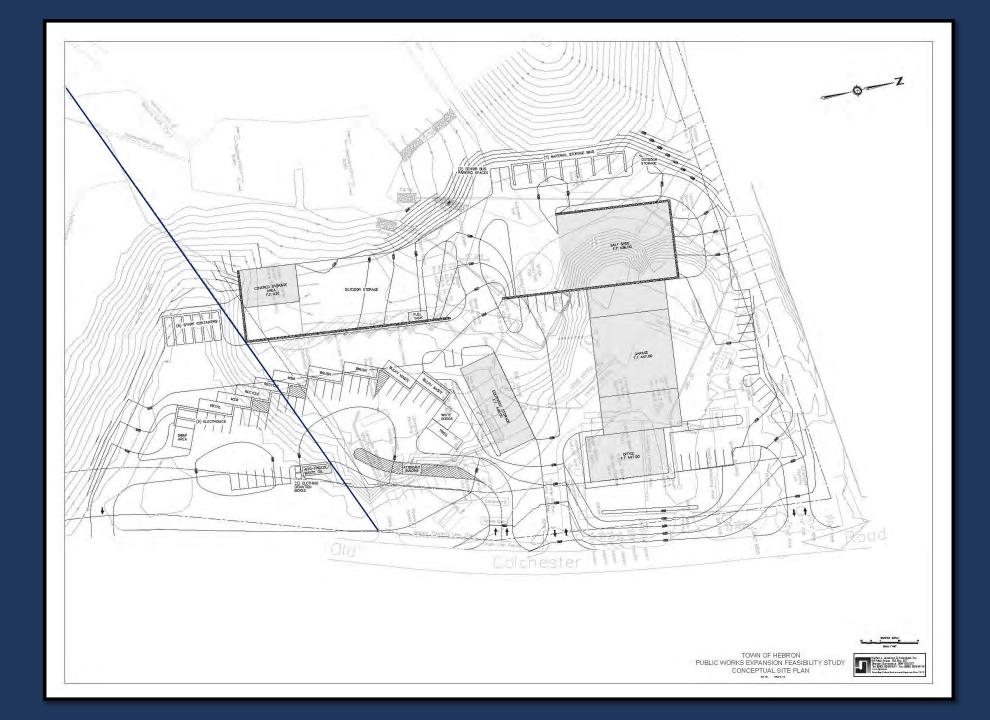


ADDITIONAL SITE LIMITATIONS

- No Access to Public Sewer
- No Access to Public Water
- No Access to 3-Phase Power
- Steep Slopes
- Combined use as transfer station
- Location at the extreme southerly limits of Town

Conclusion: Inadequate for existing & future needs





RECONSTRUCTION ON EXISTING SITE

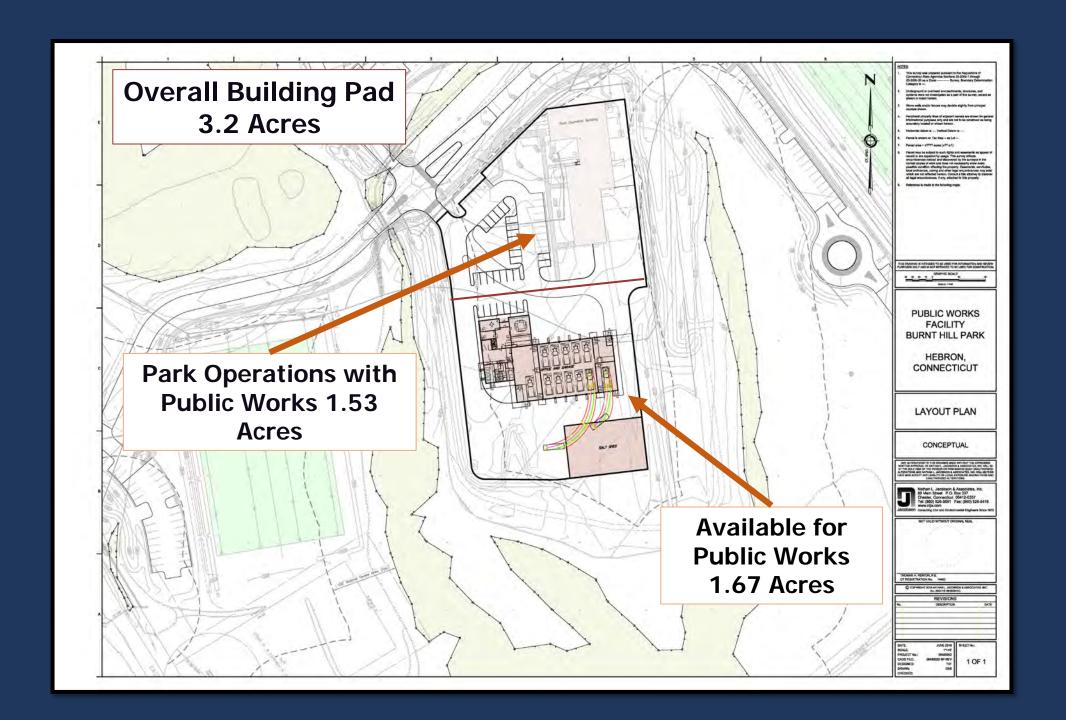
- Schematic plan to address minimum building and parking needs
- Does not consider on-site sewage disposal, fueling facilities, holding tanks, and stormwater treatment
- Requires complete reconfiguration of Transfer Station
- Site topography requires multi-level buildings or steep driveways and parking
- No room for future expansion
- Operations cannot be maintained during construction
- Site must be vacated up to 2 years
- Temporary facilities:
 - Would require another location
 - Would require State and local permitting
 - Cost estimated at 2.5 to 3.5 million

Conclusion: Not feasible

CONSIDERATION OF BURNT HILL PARK







RELOCATION TO BURNT HILL PARK - NOT FEASIBLE

- > Existing entry road is sole access point to site
- Only developable area is the park operations pad (old chicken coop)
- Not enough area to support garage / office building & salt shed
- Inadequate for truck access and turning movements
- No space for additional enclosed storage
- Eliminates:
 - Current park outside storage
 - Approved recreation use parking

AVAILABLE AREA FOR PUBLIC WORKS OPERATIONS



Existing Site Old Colchester Road 2.15 Acres



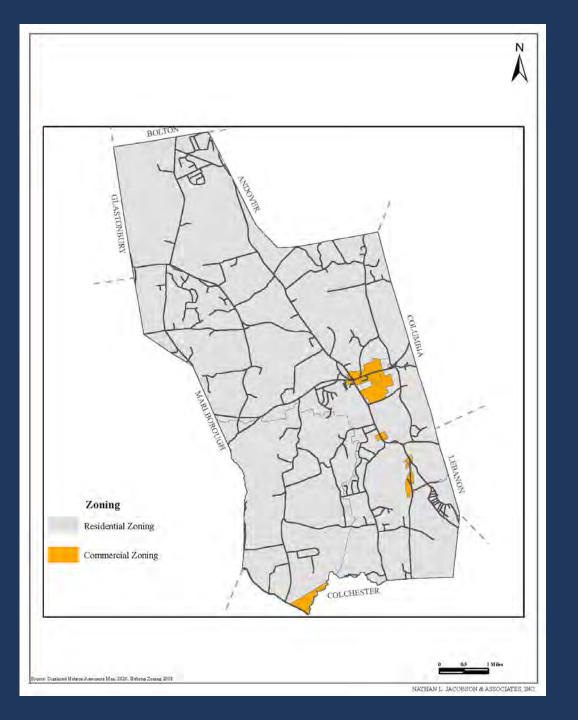


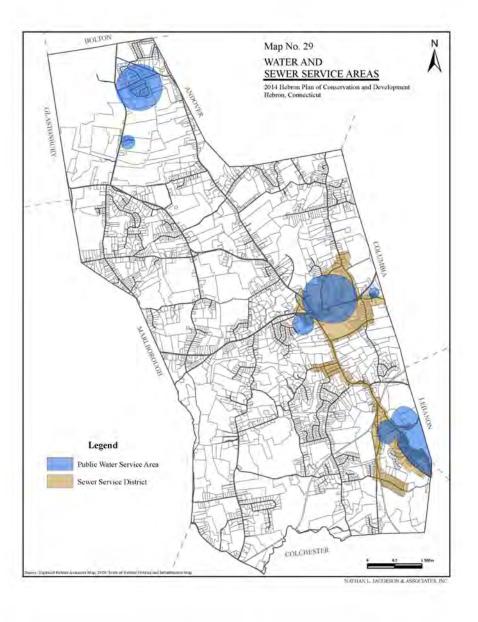


Horton Parcel 5.65 Acres

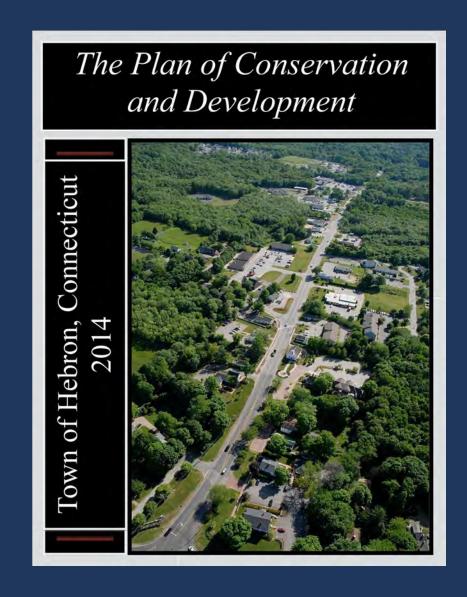
OTHER SITES CONSIDERED

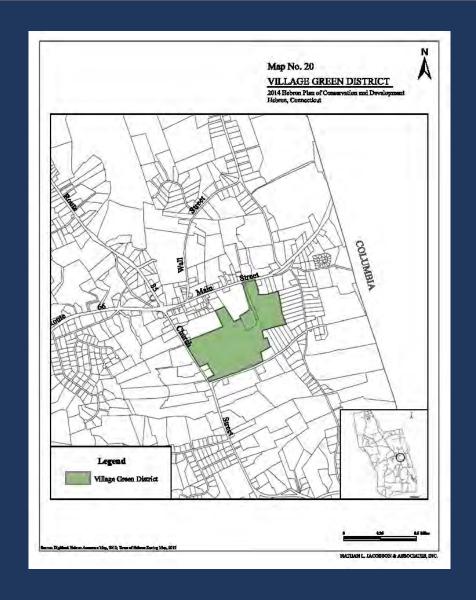
- Over 30 sites considered
- Review conducted by Town Planner, Consultants and Public Building Committee (PBC)
- > Findings presented in 2021 PBC Report and Presentation
- > PBC urged residents to provide suggestions None provided to date
- None of the alternate sites considered were in a commercial zone and had access to public water & sewer



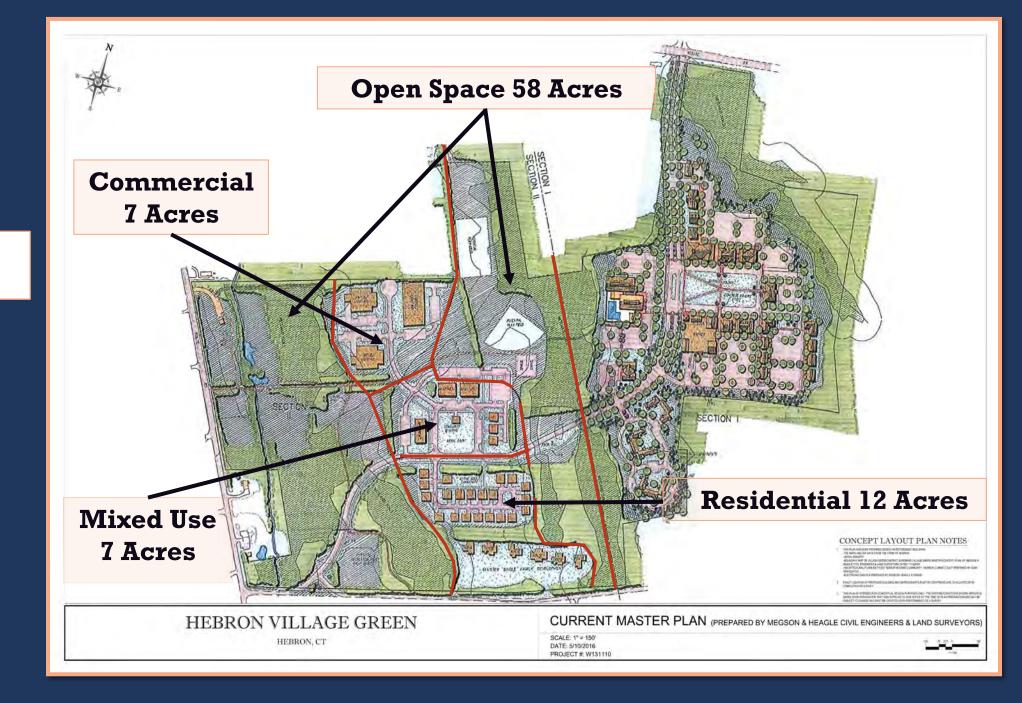


CONSISTENCY WITH ENVIRONMENTAL PLANS & STUDIES





Village Green Master Plan



POCD – Plans and Objectives

brought to Willimantic Waste, while bulk metal is recycled. The transfer station does collect and recycle waste oil, anti-freeze, batteries, tires and expired phone books. Dried latex paint is accepted and is disposed of in the household trash compactor. As with the Public Works facilities, the department requests replacement of Transfer Station vehicles and equipment on a schedule through the CIP.

On an average, the town disposes of 131 tons of solid waste and 47 tons of bulky waste per month. Ten tons per month of plant materials are removed while 38 tons of recyclables are removed. Currently, there is a fee schedule approved by the Board of Selectmen to dispose of certain large items such as bulky waste, appliances, tires, furniture, mattresses, and brush. A private waste disposal contractor also serves the Town and offers single stream recycling.

While the physical condition of the transfer station is adequate, the facility is considered overcrowded and inadequate in terms of space for the future. The Town Facility Study identified several code deficiencies and safety concerns with the Transfer Station offices. Also, State regulations require that some method be used to prevent stormwater from entering the containers.

Future Needs

Due to the inadequate conditions of the existing facilities as noted above, and the lack of remaining usable acreage at its present location, a new public works facility is required. The Town needs to develop a plan as to: a) how to use the current facilities; and b) what and where to build new facilities to compliment what is kept at the current sits.

Public Works Complex: Since 2004, the Town has reviewed several properties to determine the potential of expanding or relocating its operations. First, a review was conducted on the

adjacent land owned by CL&P. The study revealed that an old sand and gravel removal operation removed much of the overlaying soils down to the water table rendering the land unsuitable for Town use. Secondly, the Town made provisions in the purchase of the Burnt Hill Park property to reserve a 10 acre area for public works offices and some vehicle storage. This site remains a possible location for such uses.

A four to ten acre site is desirable to meet the Public Works Department's current and future needs. The 2013 CME needs assessment identified the need for 1,500 square feet of Administrative facilities, 1,200 square feet of Support Facilities, and 16,600 square feet of Equipment Facilities. A larger Salt Shed and Covered Exterior Equipment Storages areas are also needed.



Town or Halland

- Imenity

The Public Works facilities are clearly the Town

facilities most in need of replacement and upgrading. The Town needs to follow up on the 2010 Facility Study and the 2013 CME study to find a site that satisfies current and future needs for this important Town operation. While other sites may be considered, one option that should be

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further reviewed in some detail is to locate the Department administrative offices and some vehicle storage bays in a building addition to the Burnt Hill Park Parks and Recreation operations building. This could result is some added efficiencies by locating both department operations and vehicle storage and maintenance functions at the same location. This relocation project could be combined with leaving some vehicle storage spaces at the Old Colchester Road site with the Transfer Station and animal kennel. The Salt Box Road facility could likely be abandoned with this option. A master plan effort needs to move forward based on current studies.

Transfer Station: With either the relocation of the public works complex, or the relocation of portions of the operations, the current site for the transfer station would be adequate for future needs as the outdoor areas occupied by materials and equipment could be utilized for an expanded solid waste disposal operation. The current buildings on site could continue to house equipment and could provide an opportunity to expand the town's recycling program.

Goals & Objectives

Goal: Public Works Complex: To provide for adequate facilities, useable land and storage areas to ensure an efficient and effective delivery of public works services.

Goal: Transfer Station: To provide for adequate facilities to safely collect, store and dispose of solid waste and recyclables.

Objectives:

- 1. Complete a Master Plan of a new Public Works Facility utilizing the space needs analysis contained in the 2013 CME report. This should include an analysis of the Burnt Hill Park site, and any other location deemed practical. Potential sites should be selected to ensure future expansion opportunities of the department and to look comprehensively at Town and park maintenance equipment and operational efficiencies. The Study should consider that certain operations such as the Transfer Station and some vehicle storage could continue to exist at the present site. Care should be taken to adequately buffer abutting neighbors from view of the complex, wherever possible. Proper precautions to protect wetland soils are essential due to high vehicular use and the nature of storage materials necessary to operate the department. Following the Master Plan study, the Town needs to make a decision on which option to pursue, and quickly move to implementation, even if it is done in phases.
- The department should continue to assess its current vehicular fleet and other equipment and structures for replacement through the town's Capital Improvement Program.
- Construct adequate salt and sand/salt storage facilities in a manner that will
 accommodate new technologies and current practices in moving to a treated salt
 ice control process. Consider the most efficient location of such a facility. All
 facilities should be covered.

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Planning & Zoning Commission Endorsement of Municipal Use

- Considered the proposed municipal use on this property
- Provided a Report and Recommendation on February 26, 2019.
- Recommended approval of the purchase of the Horton property
- Concluded that it was consistent with the Plan of Conservation and Development Goals and Policies

Planning & Zoning Commission Report & Recommendation

- Purchase of this parcel is consistent with a number of Goals and Policies in the 2014 Town of Hebron *Plan of Conservation and Development* (POCD), and specifically:
 - The wetland corridors within the parcel are included within a Planned Greenway as shown on the Future Open Space map contained in the POCD;
 - In the Municipal Infrastructure Chapter of the POCD, several sections of the POCD encourage the Town to seek out land and opportunities for potential future public building needs including a replacement for Co. #1 Fire Station, Police services, Town offices, and a Public Works facility;
 - Purchase of the property is a large planning vision for Hebron Center; and it demonstrates good, comprehensive, long-range planning to meet a variety of municipal needs including future municipal buildings and open space.

2000 Environmental Review Team Report

CBD Update and Proposed Business Expansion Area



Environmental Review Team Report

Prepared by the
Eastern Connecticut Environmental Review Team
of the Eastern Connecticut
Resource Conservation and Development Area, Inc.

for the Conservation Commission and Economic Development Commission Hebron, Connecticut

June 2000

CT Environmental Review Teams 1066 Saybrook Road, P.O. Box 70 Haddam, CT 06442 (860) 345-3977

Introduction

Introduction

The Hebron Conservation Commission and Economic Development Commission have requested assistance from the Eastern Connecticut Environmental Review

Team in conducting an update of the 1984 ERT report for Hebron's Central Business

District (CBD) and a review of an adjacent area for a potential business expansion

zone.

In 1984 the ERT was asked to prepare a natural resource inventory and evaluation of the Central Business District, an area of approximately 130 acres, north and south of Route 66 east of Route 85 (Church Street). The town was concerned with the rapid growth being experienced and its impact on the natural resources. At that time there were no public water or sewer lines available to the area. Soil conditions were found to be the major limitation to future development because of seasonal high water tables and stoniness. These conditions make the proper installation and functioning of on-site septic systems difficult and costly.

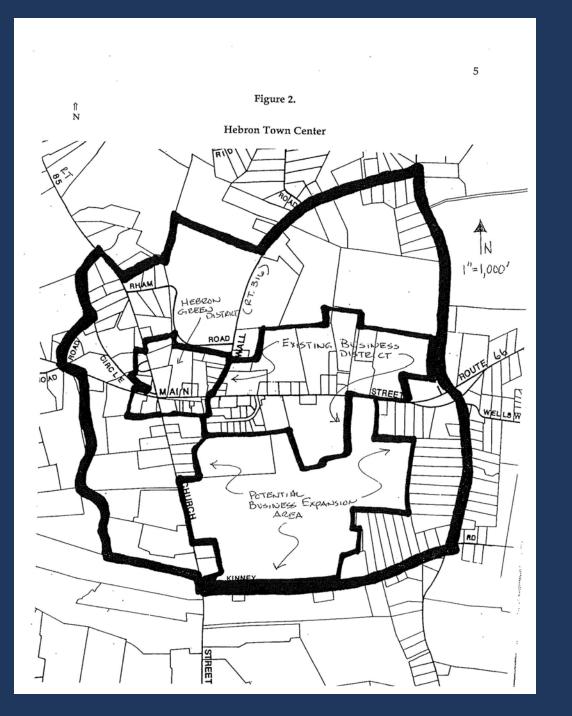
The town is now considering designating a business expansion area in the update of the Plan of Conservation and Development. The proposed business expansion zone is approximately 160 acres south of Route 66 with frontage on Route 66, Route 85 (Church Street) and Kinney Road. (See Figures 1, 2 and 3)

Objectives of the ERT Study

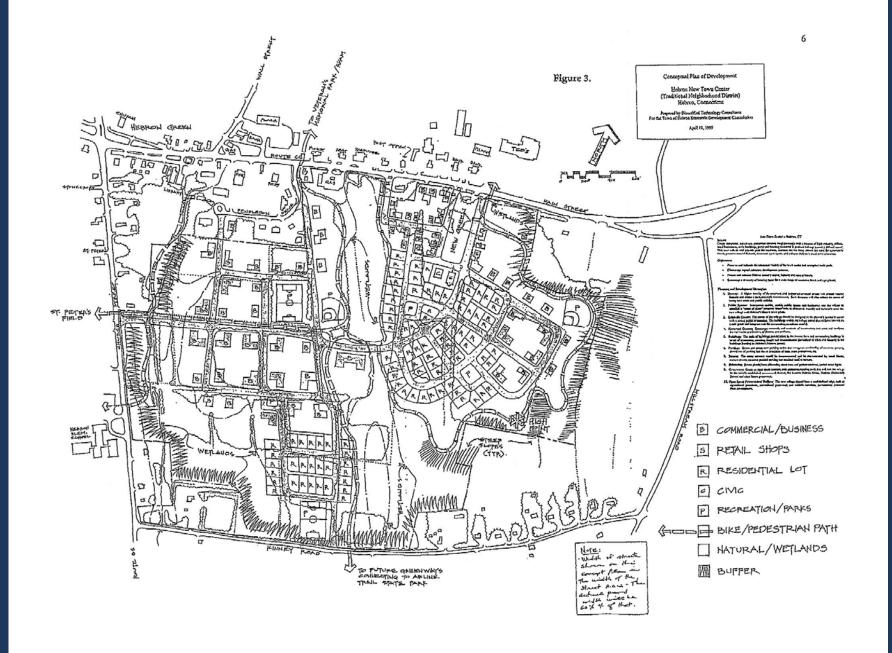
The 1984 ERT report was a valuable review for the town. It identified a number of important issues at the time. Now, 15 years later, the town has requested an update due to significant changes that have occurred since 1984. Those changes include introduction of a sewer system, additional development in the existing Central

1

Business Expansion Area



Conceptual Plan of Development



2000 ERTR Relevant Review Comments

Page 7 - "Topography is relatively subdued with nearly flat or gentile slopes."

Page 13 - "The site and surrounding areas are served by public sewers. Sewers are clearly needed to support the type and density of the proposed uses."

Page 14 - "Clearly a central community water supply system in the Town Center is desirable over further proliferations of individual supplies."

Page 16 - "Concern was raised by the Town of the potential impact of this development on the potential large yielding stratified drift aquifer in the Raymond Brook Marsh area. The proposed business expansion site, and the surrounding area, are all in the upper Raymond Brook watershed and would not be in the direct recharge area of the aquifer."

2000 ERTR Relevant Review Comments

Page 16 - "Storage of hazardous materials should be indoors within a roofed structure with secondary containment. Loading and handling should be covered and have spill containment."

The site provides enough buildable area that the storage and handling of hazardous materials will be within enclosed structures.

Page 17 - "Studies have generally shown that water quality impacts in surface waters begin to show up when watershed impervious cover approaches 15%, between 30%-60% impacts can become significant and >60% can become severe."

The total parcel area is 88.62 acres. The total impervious cover for the access road, DPW facility, parking, and connection to John Horton Boulevard within the property is approximately 5 acres. This results in an impervious coverage ratio of 5.6%, well below the recommended thresholds.

Page 29 - "Generally direct impacts to wetlands should be limited to the two road crossings. The current "Conceptual Plan for Development" shows a number of unnecessary and avoidable impacts with proposed residential development on the east side of the parcel. Presumably, these impacts have feasible and prudent alternatives..."

The current plan does in fact limit the direct impacts to wetlands and eliminates the residential development on the east side, thereby complying with the recommendation of the ERTR.

Department of Public Health Comments

From: Stone, Lisette < Lisette.Stone@ct.gov> Sent: Wednesday, August 3, 2022 10:33 AM To: Kevin Kelly < kkelly@hebronct.com>

Cc: Matthew Bordeaux <mbordeaux@hebronct.com>; James Cordier <jcordier@hebronct.com>

Subject: Public Works Project: 17 Kinney Road

Good Morning.

I am an Environmental Analyst with the Source Assessment and Protection unit of the Department of Public Health Drinking Water Section, A concerned citizen of Hebron reached out to our department regarding a proposal for a 2,000 ton salt shed at 17 Kinney Road, Amston, with the claim that it is within a drinking water watershed and Aquifer Protection Area. I have consulted with our internal GIS and according to our data, 17 Kinney Road is not within or adjacent to a public drinking water watershed or State registered Aquifer Protection Area. The project is, however, adjacent to State identified private well parcels.

I have consulted with our colleagues at the Department of Energy and Environmental Protection in consideration of the citizen's concerns, namely potential impacts to fractured bedrock, Raymond Brook and Raymond Brook Marsh, According to the Assistant Director of Remediation Division and the Assistant Director of Water Planning and Management within the Department of Energy and Environmental Protection Water Protection and Land Use Bureau, given that the construction, maintenance and operations of the facility are conducted with best management practices, any chance of groundwater contamination associated with the project would not be of significant concern to the Departments.

I plan to share the aforementioned with the concerned citizen. In the event there is additional information regarding the project proposal, can you please provide any application or site map to the Department for further review and in confirmation of associated planning for best management.

Thank you and please feel free to respond with any clarifying questions,

Lisette

Lisette Stone, Environmental Analyst Drinking Water Section, Source Assessment and Protection Unit Connecticut Department of Public Health email: lisette.stone@ct.gov

state mobile: 860-994-6177

fax: 860-509-7359

DPH 24 hour emergency reporting line: 860-509-7333 web-site: www.ct.gov/dph/publicdrinkingwater





BEST MANAGEMENT PRACTICES / ENVIRONMENTAL PERMITTING REQUIRED

- ➤ General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (DEEP-WPED-GP-015)
- General Permit for the Discharge of Stormwater Associated with Industrial Activity (DEEP-WPED-GP-014)
- Vehicle Maintenance Wastewater (DEEP-WPED-GP-010)

BEST MANAGEMENT PRACTICES

- Construction
 - Stormwater Pollution Prevention Plan
 - Sequence of Construction Activities to Minimize Exposed Areas
 - Erosion & Sediment Control Measures
 - Site Stabilization and Restoration
- Post Construction
 - Maintain Existing Drainage Patterns
 - Treatment of Stormwater Runoff Water Quality Volume
 - Pre-Treatment for Suspended Solids and Floatables Removal
 - Runoff Reduction and Low Impact Development Techniques
 - Reduce Stormwater Runoff Rates to Pre-Development Levels

BEST MANAGEMENT PRACTICES

- Operations
 - Good Housekeeping
 - Vehicle or Equipment Wash Bay
 - Floor Drains to Oil/Water Separator and Sanitary Sewer
 - Minimize Exposed Materials
 - Management of Stormwater Runoff
 - Spill Containment Double Wall Above Ground Tanks with Secondary Containment
 - Solid Deicing Material Storage under Cover
 - Spill Prevention and Response Plan



Comments/Questions

- Please keep your comments to three minutes or less.
- Each person wishing to comment will be recognized
- Comments must be specific to the Public Works Building project
- Please do no speak out of turn or comment from the floor
- Be respectful of opinions

THANK YOU FOR COMMENTS