

TOWN OF GOSHEN, CT
 42A North Street Goshen, CT 06756
 860-491-2308 ext.232

Total Fee: 75.00

Draft

File no:	_____
Received:	_____
Approved:	_____
Denied:	_____
Fee Paid:	_____

**APPLICATION FOR INLAND WETLANDS
 AND WATERCOURSES PERMIT**

01/19/2024

Draft

Site Location WEST HYERDALE DRIVE Assessors Map 06 Lot 360 00 Zone WL

Total Parcel Acreage _____ Total Area of Wetlands Disturbance _____

Owner of Record <u>Town of Goshen</u>	Tel: (H) _____	(W) <u>860-489-2308</u>
Mailing Address <u>42A North Street</u>		
Email Address <u>gharlow@goshenct.gov</u>		

Applicant <u>Town of Goshen c/</u>	Tel: (H) <u>860-601-6100</u>	(W) <u>860-491-6029</u>
<u>o Garret Harlow</u>		
Mailing Address <u>38 Torrington Road - Goshen, CT 06756</u>		
Email Address <u>dbattista@haleyward.com, gharlow@goshenct.gov</u>		

Agent/Lessee <u>David Battista</u>	Tel:(H) <u>860-485-4262</u>	(W) <u>860-325-2574</u>
Mailing Address <u>140 Willow Street - Suite #8 Winsted C</u>		
Email Address <u>dbattista@haleyward.com</u>		

To the Inland Wetlands and Watercourses Commission:

I, Garrett Harlow, hereby apply for an Inland Wetlands and Watercourses Permit, pursuant to Section(s) _____ of the Inland Wetlands and Watercourse Regulations for:

(describe proposed regulated activities)

Relining of four culvert barrels and the addition of riprap inlet and outlet protection at the point where the Marshepaug River crosses West Hyerdale Drive. The work of this project requires temporary wetland impacts for access to the upstream and downstream ends of each culvert barrel. See attached Project Description for more information

The undersigned hereby applies for an Inland Wetland and Watercourses Permit for the property described herein and confirms that:

- 1) He/She is familiar with the currently effective Inland Wetlands and Watercourse Regulations of the Town.
- 2) The statements and representation contained herein and in all supporting documents are true to the best of his/her knowledge.
- 3) By making this application, he/she gives permission to the Inland Wetlands and Watercourses Commission or its representative to enter the portions of the applicant's premises, which are the subject of this application for the purpose of inspection and investigation and otherwise evaluating the merits of the application.

Garret Harlow
 Signature of Owner

David Battista
 Signature of Agent/Lessee

Town of Goshen c/o Garret Harlow
 Signature of Applicant

Nature and Purpose of Project: Culvert Repair

Applicant's Interest in Property: Public Works Director

Is there a conservation or preservation easement on any part of this property? [X] YES [] NO

Total Property Acreage: [] Total Acreage of Development: []

Total Acreage of Wetlands on Site: [] Total Acreage Altered: []

Total Acreage of Open Water Body on Site: [] Total Acreage Altered: []

Total Linear Feet of Watercourses on Site: [] Total Linear Feet Altered: []

Total Buffer/Upland Review Area Altered: []

Total Area of Wetlands and/or Watercourses Restored, Enhanced, or Created: []

Were there prudent and feasible alternatives to the proposed wetland, watercourse, and upland review area alterations? [] YES [X] NO

If yes, what were they?

If no, why not? Lining is the only economically feasible alternative. Replacement of the subject river crossing would cost at least four times the cost of lining and would have a much greater impact on the watercourse and to local traffic during construction. See attached Alternatives Narrative.

Is this property within 500 feet of a town line? [] YES [X] NO

(If yes, the applicant must notify the adjacent municipal wetlands agency by certified mail, return receipt requested, on the same day of filing this application with the Inland Wetlands Commission/Land Use Office. Documentation of this notice shall be provided to the Commission.)

Does any portion of this proposed project fall within a Public Watershed Protection Zone (R-WP)? [X] YES [] NO

(If yes, the applicant must notify the Water Company by certified mail, return receipt requested, on the same day of filing this application with the Inland Wetlands Commission/Land Use Office. Documentation of this notice shall be provided to the Commission.)

APPLICATION TYPE:

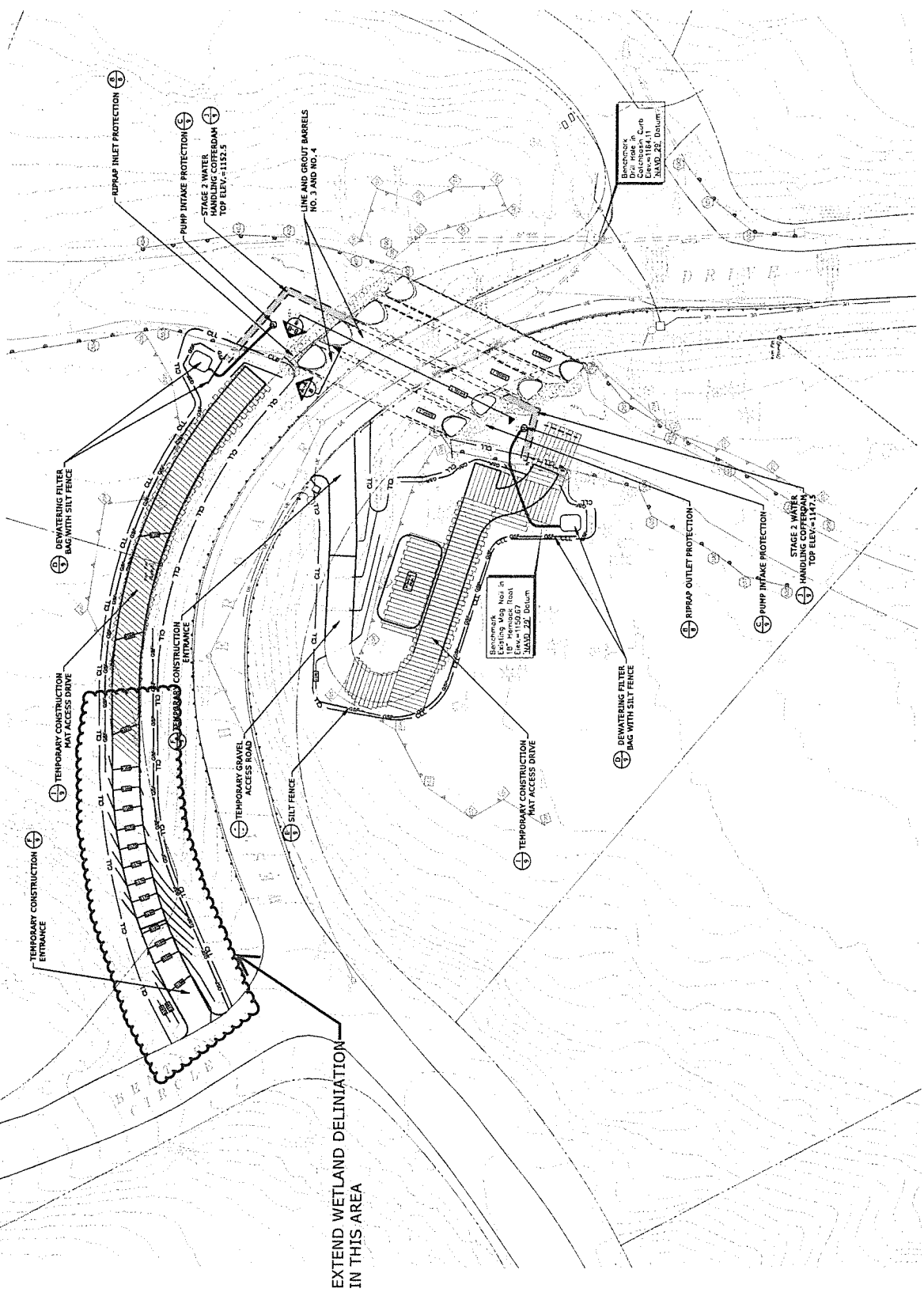
- [X] Basic Application [] Permit Extension/Transfer [] Agent Determination [] Declaratory Ruling [] Subdivision [] After-the-Fact Activity

NOT FOR CONSTRUCTION	DATE: 03/13/23	BY: ASB/STP
PROJECT: STAGE 2 PLAN	DRAWN BY: DMB	CHECKED BY: DMB
DATE: 06/01/23	SCALE: 1"=20'	SHEET NO: 5

HALEY WARD
 INCORPORATED
 CIVIL ENGINEERS
 1000 W. 10TH ST. SUITE 200
 DENVER, CO 80202
 WWW.HALEYWARD.COM

TOWN OF COCHLEN
 CULVERT LINKING BRIDGE 06155
 WEST INTERNAL DRIVE OVER MAIN CANAL RIVER

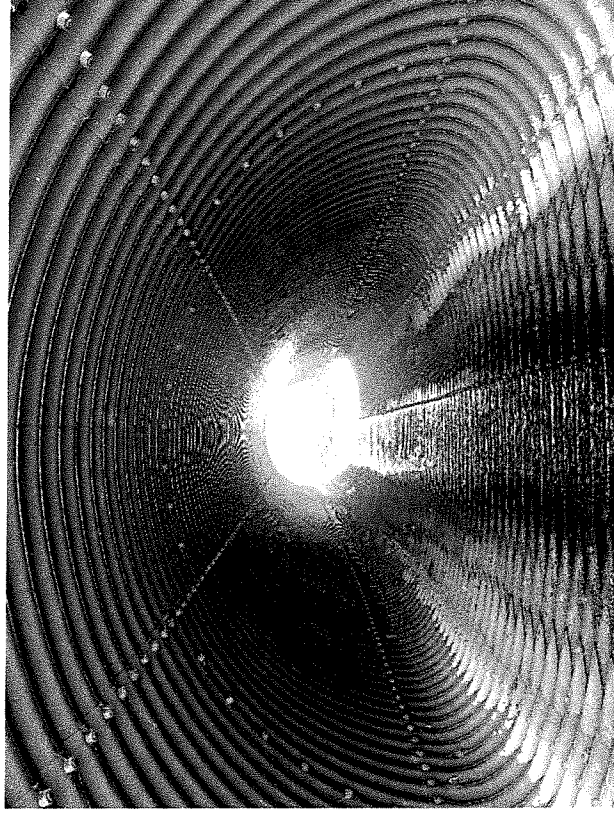
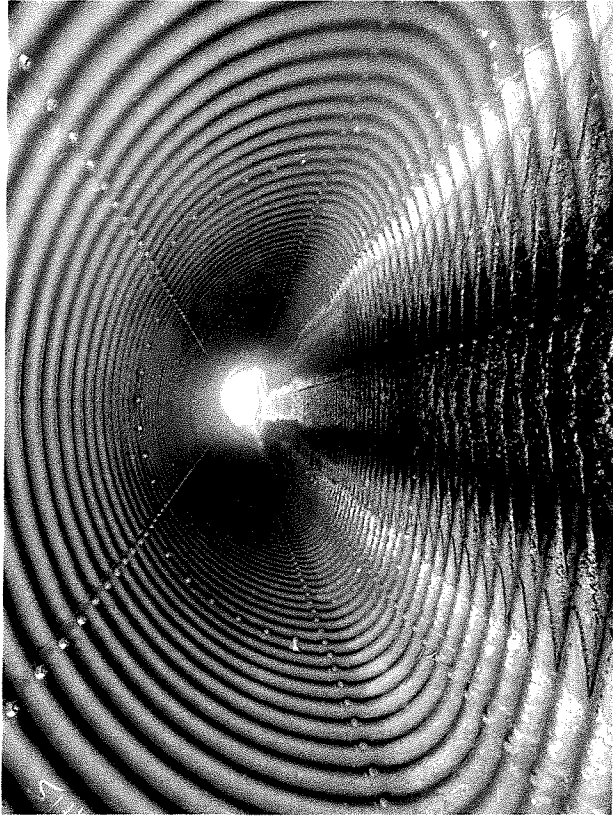
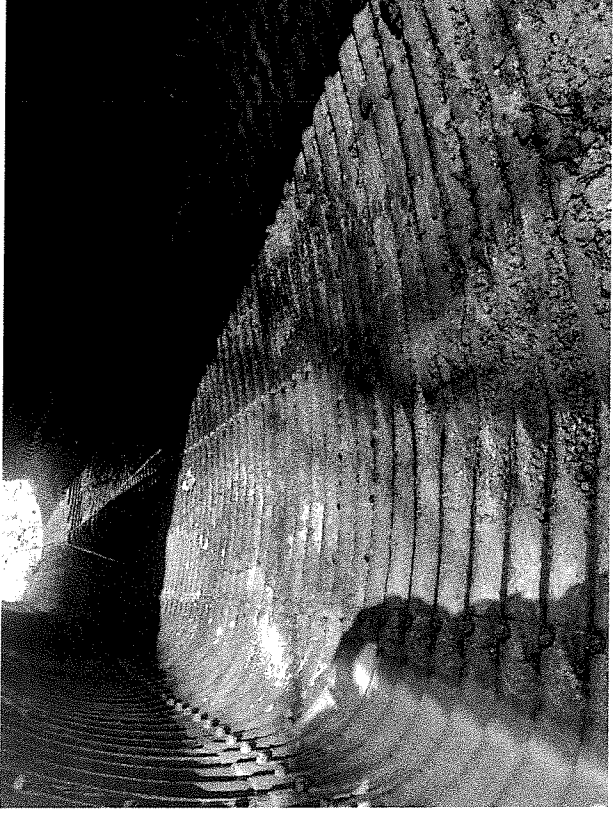
STAGE 2 PLAN



EXTEND WETLAND DELINEATION
 IN THIS AREA

STAGE 2 PLAN
 SCALE: 1"=20'

BRIDGE 05155 - WEST HYERDALE DRIVE OVER MARSHEPAUG RIVER - GOSHEN, CT



David N. Battista

From: Bob Valentine <1stselectman@goshenct.gov>
Sent: Thursday, May 7, 2020 9:45 AM
To: Dave Battista; Garret Harlow
Subject: FW: Review of pipes at Marshapaug River and West Hyerdale Dr in Goshen

Hi Guys,

See below, concerning the Marshapaug at East Hyerdale. This will be helpful when we do decide to move forward with this project.

Bob

Bob Valentine
First Selectman
Town of Goshen
42A North Street
Goshen CT 06756

860-491-2308 ext. 221

From: Gephard, Steve <Steve.Gephard@ct.gov>
Sent: Wednesday, May 6, 2020 2:44 PM
To: 'Bob Valentine' <1stselectman@goshenct.gov>
Subject: RE: Review of pipes at Marshapaug River and West Hyerdale Dr in Goshen

Bob,

Please accept my apologies for not responding. I had Matt go out two days after phone conversation and he and I exchanged emails about it and I was to get back to you and somehow I failed to do that.

When the Fisheries Division consults on road crossings, our major concern is fish passage. We want to make sure that new stream crossings are constructed in a way that will allow fish passage now and during the lifetime of that stream crossing. We take into consideration the nature of the stream, the species in the stream, and the availability of accessible habitat upstream and downstream of the stream crossing. Matt looked at the site and considered all of those things. His conclusion was that our Division has no concerns about this stream crossing due to very little available accessible habitat, due to impassible falls, etc. Therefore, whether you build a span bridge, a squash tube, or recessed culverts—it doesn't really matter to us. You should follow the best guidance for hydraulic capacity and cost.

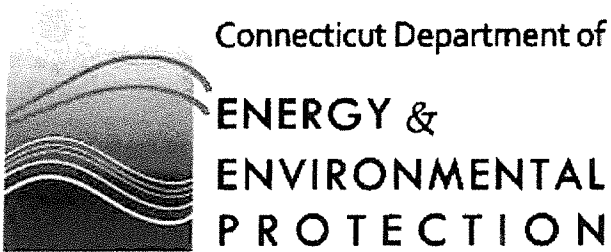
I asked him if there were other issues that we would be concerned with and he said no. Just use Best Management Practices during construction (don't block all flow of water from passing downstream, control any soil erosion, etc.).

If there is something I am missing or if you wish to discuss this further, please contact Matt at Matthew.Goclowski@ct.gov.

Thanks,
Steve

Stephen Gephard
Supervising Fisheries Biologist
Diadromous Fisheries *and* Habitat Conservation and Enhancement programs
Fisheries Division
Connecticut Department of Energy and Environmental Protection
P.O. Box 719, Old Lyme, CT 06371

P: 860.447.4316 | F: 860.434.6150: steve.gephard@ct.gov



www.ct.gov/deep

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To: Gephard, Steve <Steve.Gephard@ct.gov>
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Thank you,
Bob Valentine

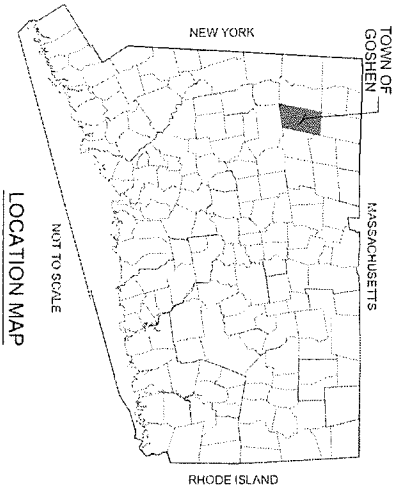
Bob Valentine
First Selectman
Town of Goshen
42A North Street
Goshen CT 06756

860-491-2308 ext. 221

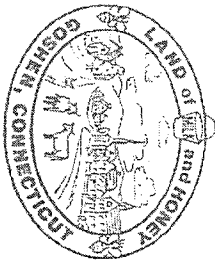
TOWN OF GOSHEN

CULVERT LINING - BRIDGE 05155 WEST HYERDALE DRIVE OVER MARSHSPAUG RIVER GOSHEN, CT

MARCH 21, 2024

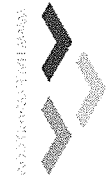


LOCATION MAP

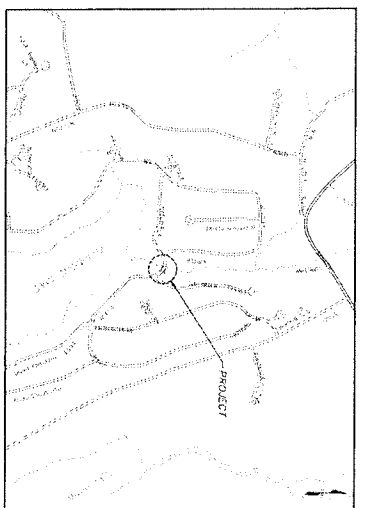


PREPARED BY:

HALEY WARD



HALEY WARD
ENGINEERING, INC. | SURVEYORS
140 Willow Street, Suite 8
Winsted, CT 06098
860.379.6669



VICINITY MAP

LIST OF DRAWINGS

SHEET #	SHEET NAME
1	COVER SHEET
2	GENERAL INFORMATION
3	EXISTING CONDITIONS PLAN
4	STAGE 1 PLAN
5	STAGE 2 PLAN
6	SITE RESTORATION PLAN
7	SOIL EROSION AND SEDIMENT CONTROL NARRATIVE
8	DETAILS
9	TRAFFIC CONTROL DETAILS
10	TRAFFIC CONTROL DETAILS

OWNER

Town of Goshen
42A North Street, Goshen, CT 06756

Garret Harlow - Public Works Supervisor

Phone - Office: (860) 491-6029

Mobile: (860) 501-6100

Email: publicworks@goshenct.gov

SURVEYOR

Timothy G. Wyllie Jr., L.S.

Timothy G. Wyllie Surveying

122 Old North Road

Barkhamsted, CT 06063

Phone: (203) 232-5011

e-mail: tgwsurveying@gmail.com

WETLAND SCIENTIST

Jake Bartha, S.S., S.S. NE SOIL SCIENTIST

BSC Group- Connecticut, Inc.

655 Winding Brook Drive,

Glastonbury, CT 06033

Tel. (617) 896-4497

e-mail: jbartha@BSCGroup.com

ENGINEER

David N. Battista, P.E.

Haley Ward, Inc.

140 Willow Street, Suite 8

Winsted, CT 06098

Tel. - Office: (860) 379-6669

Mobile: (860) 485-4262
e-mail: dbattista@haleyward.com

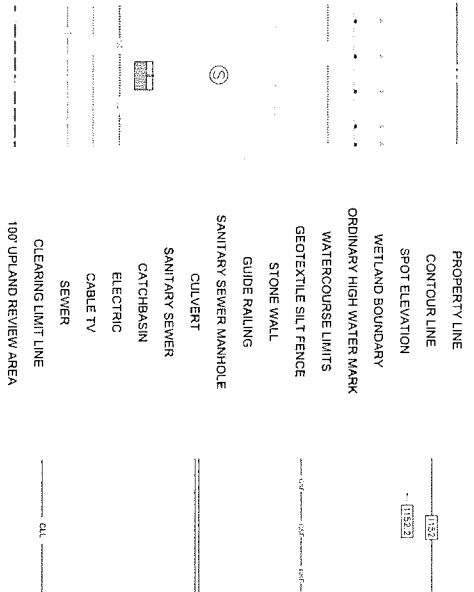
GENERAL NOTES

- These Contract Drawings were prepared using Imperial units unless otherwise noted.
- The topographic survey depicted on the Contract Drawings is based on a map entitled "Topographic Survey of the Town of Goshen, West Hydraultic Drive - Goshen, Connecticut," prepared by Timothy G. Wylie, Land Surveyor. The survey meets the standards of a "Data Accumulation Plan" as defined by the Connecticut Association of Land Surveyors, with a horizontal accuracy class of "A-2" and a vertical accuracy class of "1-2".
- Vertical datum is based on NAVD 1929.
- Regulatory wetland and watercourse limits depicted on the Contract Drawings were determined by BSC Group, Inc. and documented in a report entitled "Bridge 05155 Rehabilitation Project, Wetland Delineation and Assessment," dated May 2022.
- Regulatory wetland and watercourse delineation flagging was field located Timothy G. Wylie, Land Surveyor.
- Contractor shall notify the Town of Goshen Inland Wetlands Agent at least three days prior to start of work.
- Prior to implementation of alternating one-way traffic patterns, Contractor shall ensure that an adequate number of flaggers, barriers, cones, and construction signs conform to the set, to the satisfaction of Owner.
- No excavation shall be left open at night, on weekends, holidays, or extended shutdowns unless adequately protected by with plates and/or barriers to the satisfaction of Owner. No open excavation shall be left unattended.
- Contractor shall contact CALL-BEFORE-YOU-DIG at 1-800-422-4455 for marking of existing utilities at least 48 hours (excluding weekends and scheduled holidays) in advance of any excavation work.
- Contractor shall be solely responsible for determining the actual location of all subsurface utilities within the limits of construction. The location of existing subsurface utilities, and underground structures depicted on these Contract Drawings has been compiled from the best available information but has not been field-verified by test pit or survey. Contractor shall consider the horizontal and vertical positions of subsurface utilities on these Contract Drawings to be approximate. All utilities and underground structures may not be shown.
- Contractor will be required to work in close proximity to subsurface electric, cable TV, and telecommunication lines. Contractor is hereby advised that subsurface utility Contractor shall be responsible during production of the work of this Contract. Contractor shall be responsible for the safety and of federal safety regulations while working in close proximity to subsurface utilities.
- Contractor shall coordinate the relocation of subsurface utilities with the applicable utility companies prior to commencement of any excavation.
- Contractor shall immediately notify the applicable utility companies and Engineer of any damage to subsurface or overhead utilities. Contractor shall be solely responsible for the cost of repairing all construction-related damage to overhead or subsurface utilities.
- The town of Goshen maintains the following easements on all private properties that are subject to impact by this project:
 - 30-foot wide easement along the road right-of-ways for cutting, filling, and grading.
 - 10-foot wide easement along all road right-of-ways for utility purposes.
 - 5-foot wide easement along all side and rear property lines for utility purposes.
 Refer to map volume 7A Page 5 of 14 and Decd Volume S2 Page 119 in the Goshen Land Records.

EXISTING

LEGEND

PROPOSED



UTILITY CONTACT INFORMATION

- Cable TV - Cablevision dba AT&T USA
Mr. Frank Gable, Supervisor
28 Cross Street, Norwalk, CT 06851
Phone: 203-750-5630
Email: Frank.Gable@attcable.com
- Electric - Crown Castle Fiber, LLC
Mr. Eric Clark, Operations Manager
1781 Highland Avenue, Suite 102, Cheshire, CT 06410
Phone: 203-649-3904
Email: eric.clark@crowncastle.com
- Communication - The Southern New England Telephone Company
Ms. Lynne Pedroni, Manager of Engineering & Construction
1464 Hillside Road, Meriden, CT 06450
Phone: 203-238-5000
Email: lynn.m.pedroni@stn.com
- Electric Distribution - The Connecticut Light and Power Company
Mr. Mark Benjulkian, Manager - Distribution Projects and Programs
9 Tindall Avenue, Norwalk, CT 06851
Phone: 203-845-3456
Email: mark.benjulkian@eversource.com
- Water - Aquarion Water Company of Connecticut
Mr. Carlos Vizarro, Relocation Coordinator
600 Lindley Street, Bridgeport, CT 06606
Phone: 203-337-5850
Email: cvizarro@aquarionwater.com
- Sewer - Woodridge Lake Sewer District
Raymond A. Turri, President
113 Brush Hill Road, Goshen, CT 06756
Phone: 860-491-2205

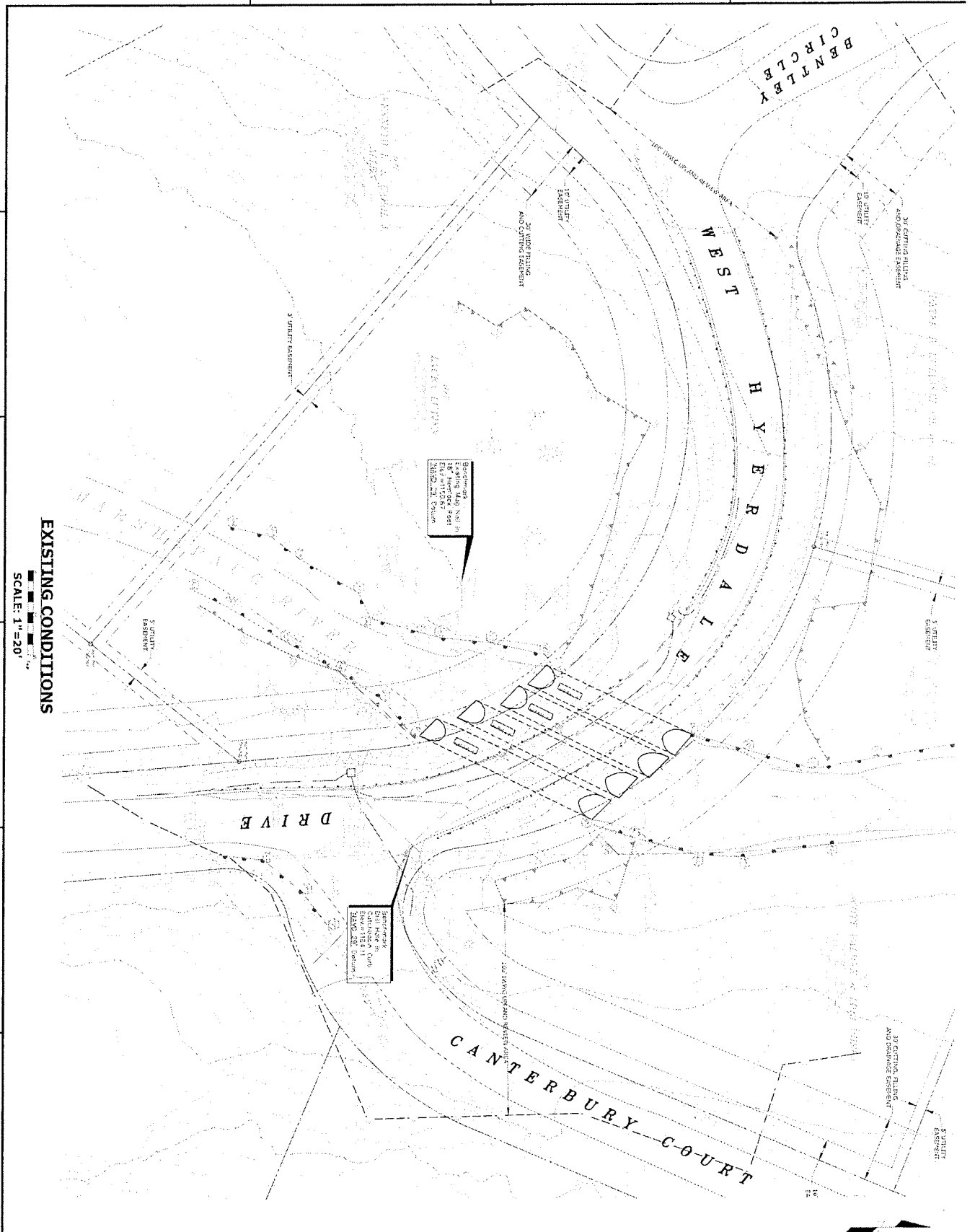
WETLAND ACTIVITY TABLE

Stage 1 Item	Direct Disturbance to Wetland / Watercourse		Disturbance within Upland Review Zone		Unregulated Disturbance	
	Temporary SF	Permanent SF	Temporary SF	Permanent SF	Temporary SF	Permanent SF
Construction Entrance	0	0	1,350	0	0	0
Gravel Access Driveway	0	0	655	0	0	0
Striped Area (No Construction Marks)	0	0	1,650	0	0	0
Water Handling Corridor	650	0	0	0	0	0
Disturbance Disposal Area	0	0	333	0	0	0
Construction Platform	370	0	0	0	0	0
Tripart Construction Mats	3,350	0	0	0	0	0
Repair Mat / Oiled Protection	0	420	0	0	0	0
Repair Mat	0	150	0	0	0	0
Repair Channel Bank Protection	0	300	0	90	0	0
Stage 1 Subtotal:	4,390	870	3,880	90	0	0
Stage 2						
Construction Entrance	0	0	2,480	0	0	0
Gravel Access Driveway	930	0	1,680	0	0	0
Striped Area (No Construction Marks)	0	0	0	0	0	0
Water Handling Corridor	670	0	0	0	0	0
Disturbance Disposal Area	200	0	700	0	0	0
Construction Platform	0	0	400	0	0	0
Tripart Construction Mats	0	0	0	0	0	0
Repair Mat / Oiled Protection	0	410	0	0	0	0
Repair Mat	0	100	0	0	0	0
Repair Channel Bank Protection	0	300	0	0	0	0
Stage 2 Subtotal:	1,770	810	4,630	0	0	0
Project Totals:	6,160	1,690	8,510	90	0	0

HALEY WARI
TOWN OF GOSHEN
CULVERT LINING - BRIDGE 05155
WEST HYDRAULIC DRIVE CORRIDOR PHASE 05155

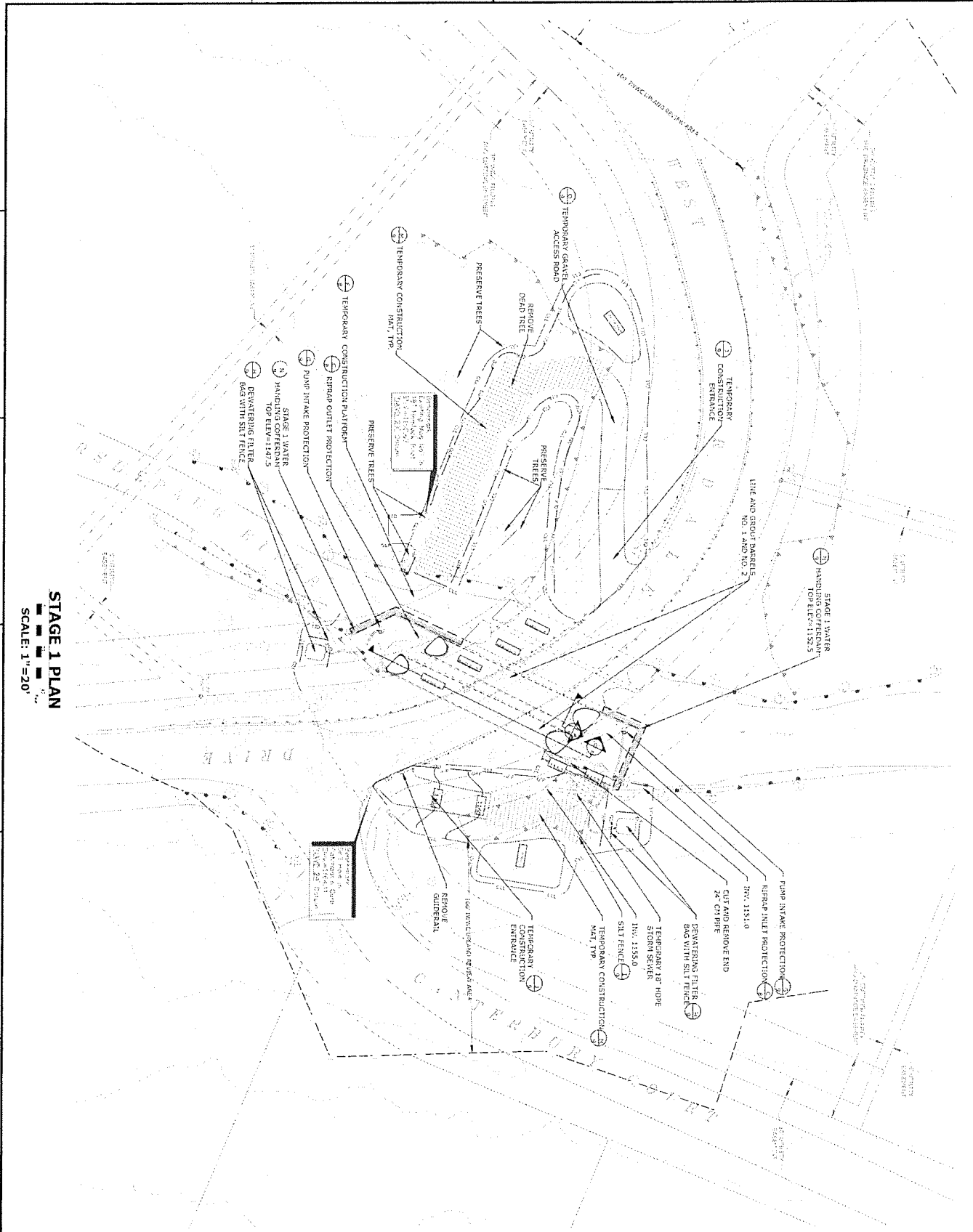
GENERAL INFORMATION

DATE: MARCH 21, 2024
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: AS SHOWN
PROJECT NO: 2



EXISTING CONDITIONS
SCALE: 1"=20'

DATE	DESCRIPTION	BY	CHECKED
10/20/2023	PROGRESS DRAWINGS	[Signature]	[Signature]
PROGRESS DRAWINGS			
HALEY WARD			
TOWN OF GOSHEN			
CULVERT LINING - BRIDGE 05155			
3525 WARRIORS RIVER, GOSHEN, IN			
EXISTING CONDITIONS			
DATE	DESCRIPTION	BY	CHECKED
MARCH 2, 2024	REVISED	[Signature]	[Signature]
3			

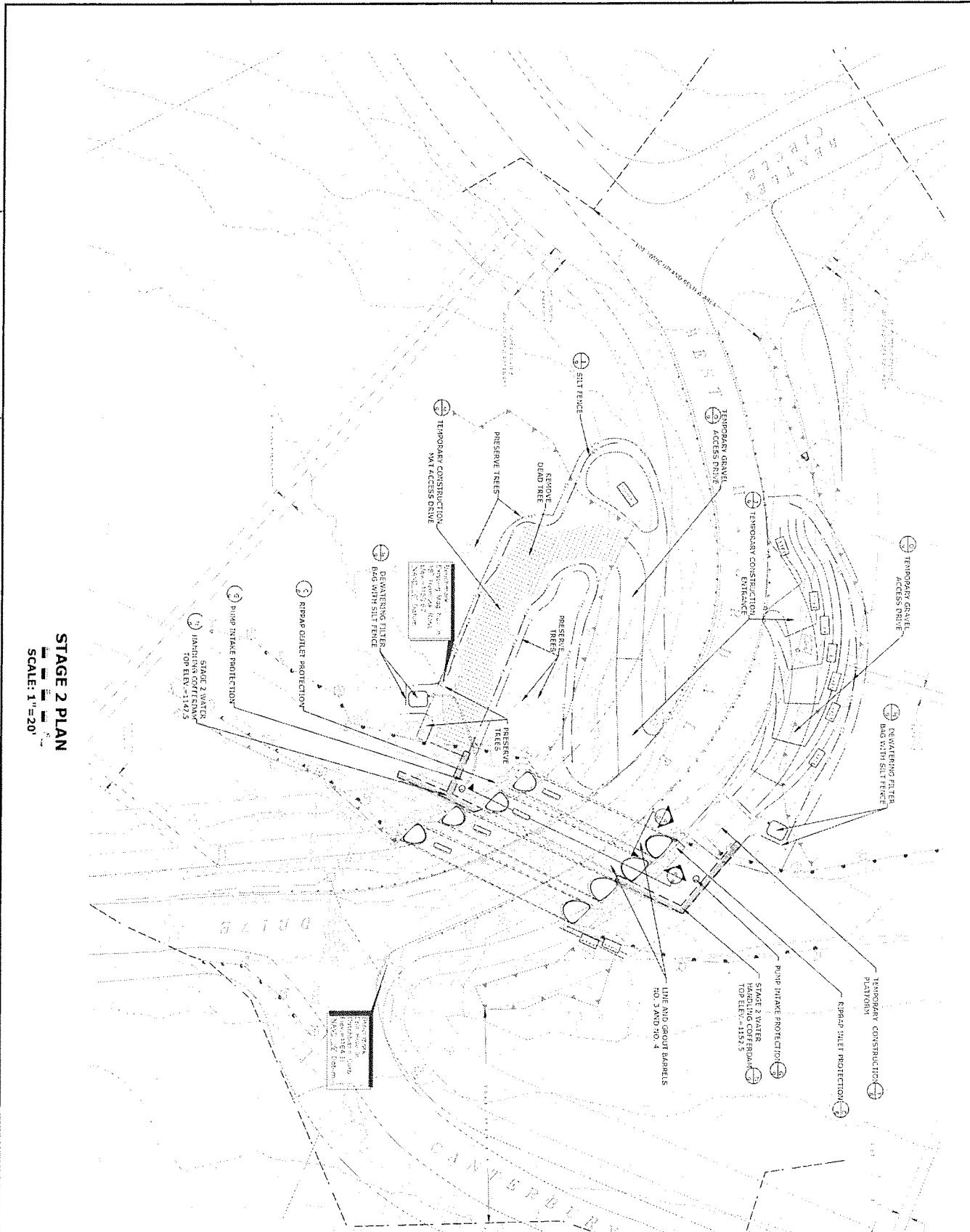


STAGE 1 PLAN
SCALE: 1" = 20'

		HALEY WARD ENGINEERS & ARCHITECTS	
PROGRESS DRAWINGS			
NO.	DATE	DESCRIPTION	BY
1			
2			
3			
4			

TOWN OF GOSHEN CULVERT LINING - BRIDGE 05155 WEST HEDDALE DRIVE OVER WASHINGTON RIVER	
PROJECT NO. 2210	SHEET NO. 4

DATE: 01/01/2024	TIME: 10:00 AM
USER: JLD	PLOTTER: HP DesignJet 50



STAGE 2 PLAN
SCALE: 1"=20'

HALEY WARR ENGINEERING, INC. 1000 W. STATE ST. SUITE 100 GOSHEN, IN 46526	
PROGRESS DRAWINGS	
NO.	DATE
1	10/15/2024
2	11/15/2024
3	12/15/2024
4	01/15/2025
5	02/15/2025

TOWN OF GOSHEN CULVERT LINING - BRIDGE 05195 WESTWINDLEBINE OVER GOSHEN/HALEY WARR	
STAGE 2 PLAN	
DESIGNED BY: J.S.	CHECKED BY: J.S.
DRAWN BY: J.S.	DATE: 02/15/25
SCALE: 1"=20'	SHEET NO. 5

David N. Battista

From: Bob Valentine <1stselectman@goshenct.gov>
Sent: Thursday, May 7, 2020 9:45 AM
To: Dave Battista; Garret Harlow
Subject: FW: Review of pipes at Marshapaug River and West Hyerdale Dr in Goshen

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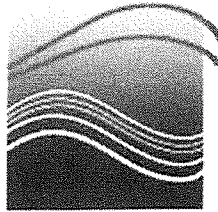
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Thanks,
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Stephen Gephard
Supervising Fisheries Biologist
Diadromous Fisheries *and* Habitat Conservation and Enhancement programs
Fisheries Division
Connecticut Department of Energy and Environmental Protection
P.O. Box 719, Old Lyme, CT 06371

P: 860.447.4316 | F: 860.434.6150: steve.gephard@ct.gov



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

www.ct.gov/deep

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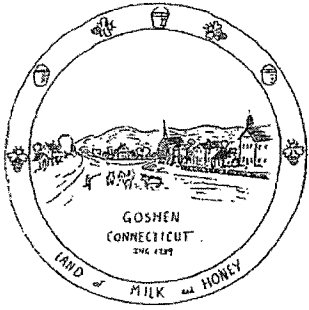
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860-491-2308 ext. 221



TOWN OF GOSHEN

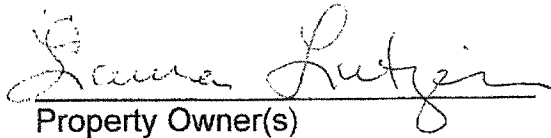
PUBLIC WORKS DEPARTMENT
38 TORRINGTON ROAD – GOSHEN, CT 06756
PHONE: 860 491-6029 FAX: 860 491-6036
GARRET D. HARLOW, PLA, SUPERVISOR

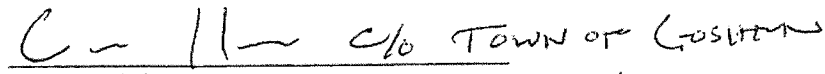
February 15, 2024

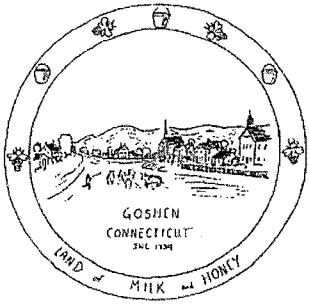
TO: Town of Goshen

RE: Lot 131 West Hyerdale Drive

As property owner(s), we are giving the Town permission to file this application for work on this project where temporary work access on the project will take place within the Town's easement on my property.


Property Owner(s)


Town of Goshen c/o TOWN OF GOSHEN
Applicant GARRET HARLOW



TOWN OF GOSHEN

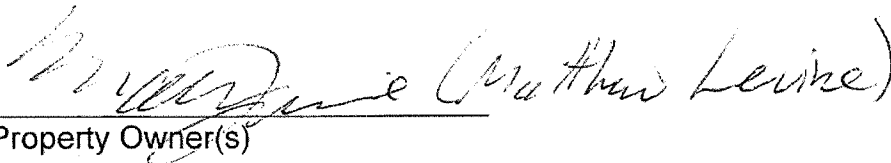
PUBLIC WORKS DEPARTMENT
38 TORRINGTON ROAD – GOSHEN, CT 06756
PHONE: 860 491-6029 FAX: 860 491-6036
GARRET D. HARLOW, PLA, SUPERVISOR

February 29, 2024

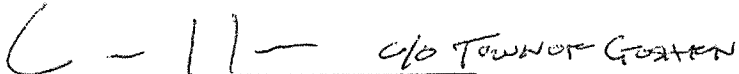
TO: Town of Goshen

RE: 9 Canterbury Court

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Property Owner(s)



Town of Goshen GARRET HARLOW
Applicant



TOWN OF GOSHEN

PUBLIC WORKS DEPARTMENT
38 TORRINGTON ROAD – GOSHEN, CT 06756
PHONE: 860 491-6029 FAX: 860 491-6036
GARRET D. HARLOW, PLA, SUPERVISOR

February 15, 2024

TO: Town of Goshen

RE: 6 Bentley Circle

As property owners of 6 Bentley Circle, Goshen CT, this provides our permission for the Town of Goshen to file application for work on West Hyerdale Culvert Relining, as specified on the Revised Access Plan as provided by Garret Harlow to Peter Kujawski via email on 3/26/2024 (the "Project") and where temporary access work on the Project is necessary under the following conditions:

- a) Only those town employees and contracted employees necessary to the work on the Project at the time the work is necessary will be granted access to our property;
- b) No access, work or other use of our property other than that provided for on the Revised Access Plan, as provided by Garrett Harlow to Peter Kujawski via email on 3/26/24 will be permitted absent prior written approval by Peter Kujawski and T. Renee Kujawski.
- c) The Town of Goshen agrees to replace any trees removed or damaged significantly located both within and outside of the Town's easement on our property as follows:
 - a. Trees of similar size for any tree damaged or removed that is under 15 feet tall;
 - b. Trees as close to similar size as can be acquired using best efforts and reasonable costs for any tree damaged or removed that is 15 feet or taller;
 - c. The ratio of tree replacement will be 2 replacement trees for any existing tree damaged significantly or removed.

