

S.L. CHASSE STEEL WATERLINE EXTENSION

CONDITIONAL USE PERMIT APPLICATION #07-21

STAFF REPORT

June 16, 2021

SITE: 199-201 Robinson Road; Map 105 Lot 017-002 & Map 105 Lot 017-003

ZONING: General-One (G-1)

PURPOSE OF PLAN: To show public water connection from the existing stub approximately 900 feet north of the site to lots 17-2 & 17-3.

PLANS UNDER REVIEW: Offsite Water Main Extension Plan and Profile, S.L. Chasse Steel, Map 105 Lot 17-2 & 17-3, Robinson Road, Hudson, New Hampshire; prepared by Keach-Nordstrom Associates, Inc., 10 Commerce Park North, Suite 3, Bedford, New Hampshire 03110; prepared for Steel Properties, LLC, 8 Christine Drive, Hudson, New Hampshire 03051; consisting of 1 sheet with construction notes 1-4 on Sheet 1; dated May 25, 2021.

ATTACHMENTS:

- A. Hudson Conservation Commission's Input, dated June 14, 2021.

APPLICATION TRACKING:

- May 28, 2021 – Application received.
- June 14, 2021 – Site Walk and Recommendation the Conservation Commission
- June 23, 2021 – Public hearing scheduled.

COMMENTS & RECOMMENDATIONS:

BACKGROUND

The applicant is proposing development on Lot 017-002 and Lot 017-003, which requires an offsite extension of the waterline along the public right-of-way on Robinson Road to provide town water to both lots. The extension work will run alongside Robinson Road from Map 105 Lot 018-000 to Map 105 Lot 017-003.

The proposed waterline extension will traverse over portions of both delineated wetland and wetland buffer area that run across the road between Map 105 Lot 017-000 and Map 105 Lot 017-001, requiring a conditional use permit from the Planning Board.

STAFF COMMENTS

1. **Use within Wetland Conservation District (§ 334-36):** The proposed waterline extension is a conditional use permitted under § 334-36:C(2). However, such conditional use shall be located and constructed in such a way as to minimize the potential for

detrimental impact to the District, and may be permitted only when no viable alternative is available.

The proposed extension is laid out to limit impact to the District by avoiding direct impacts to the wetland. A stipulation of approval is recommended in the event a direct impact occurs in the field.

2. Hudson Conservation Commission Comments

- a. The HCC found the proposed project complies with the Hudson Zoning Ordinance Article IX, §334-36 (C) (2) and §334-37 (2).
- b. The HCC voted to recommend a favorable acceptance to the Planning Board for the proposed waterline extension (3-0).
- c. The HCC asked the following recommendations and or notes be added to the plan set as part of the approval process:
 1. Construction and restoration shall comply with Best Management Practices set forth in New Hampshire Storm Water Manual Volume 3: Erosion and Sediment Control
 2. Prior to the start of construction erosion control barriers shall be installed and maintained to the satisfaction of the Town Engineer
 3. This motion is based on the plan(s) submitted by the applicant. It is recommended that if additional impacts are necessary the plan be returned to the Conservation Commission for further review.

3. Lot Number and Lot Line: Several off-site lot numbers and lines shown on the plan appear to be incorrect.

- a. Map 105 Lot 11 shown on the plan should be two different lots: Map 105 Lot 011-000 and Map 105 Lot 011-001.
- b. The lot label for Map 105 Lot 017-000 is missing (the designated wetland is located on this lot).
- c. Town of Hudson's formal lot number consists of two sets of 3-digit numbers (e.g. Map 105 Lot 011-000). Since the submitted plan includes multiple lots with similar numbering, staff suggests the applicant relabel the lots using the two full sets of 3-digit numbers to avoid confusion.

4. Department Comments: no comments.

DRAFT MOTIONS

ACCEPT the conditional use permit application:

I move to accept the conditional use permit application for S.L. Chasse Steel Waterline Extension along Robinson Road from the existing water main to Map 105 Lot 17-3.

Motion by: _____ Second: _____ Carried/Failed: _____

CONTINUE the public hearing to a date certain:

I move to continue the conditional use permit application for S.L. Chasse Steel Waterline Extension along Robinson Road from the existing water main to Map 105 Lot 17-3.to date certain, _____, 2021.

Motion by: _____ Second: _____ Carried/Failed: _____

APPROVE the site plan application:

I move to approve the conditional use permit for Offsite Water Main Extension Plan and Profile, S.L. Chasse Steel, Map 105 Lot 17-2 & 17-3, Robinson Road, Hudson, New Hampshire; prepared by Keach-Nordstrom Associates, Inc., 10 Commerce Park North, Suite 3, Bedford, New Hampshire 03110; prepared for Steel Properties, LLC, 8 Christine Drive, Hudson, New Hampshire 03051; consisting of 1 sheet with construction notes 1-4 on Sheet 1; dated May 25, 2021; subject to, and revised per, the following stipulations:

1. All stipulations of approval shall be incorporated into the Notice of Decision and the Development Agreement, which shall be recorded at the HCRD, together with the Plan.
2. Prior to the Planning Board endorsement of the plans, it shall be subject to final administrative review by Town Planner and Town Engineer.
3. Construction activities involving the subject lot shall be limited to the hours between 7:00 A.M. and 7:00 P.M. No exterior construction activities shall be allowed on Sundays.
4. Construction and restoration shall comply with Best Management Practices set forth in New Hampshire Storm Water Manual Volume 3: Erosion and Sediment Control
5. Prior to the start of construction erosion control barriers shall be installed and maintained to the satisfaction of the Town Engineer.
6. In the event a wetland impact occurs, the Applicant or its assigns shall notify the Town of Engineering Department and the Department of Environmental Services.

Motion by: _____ Second: _____ Carried/Failed: _____



TOWN OF HUDSON

Conservation Commission

William Collins, Chairman

Dave Morin, Selectmen Liaison



12 School Street • Hudson, New Hampshire 03051 • Tel: 603-886-6008 • Fax: 603-816-1291

Date: June 14, 2021

Case: Robinson Rd. Water Main Extension
Hudson, New Hampshire
Map 205, Lot 17-2 & 17-3
Zone: General One (G1)

Description of work to be performed: The project entails extending an existing water main located near the intersection of Robinson Road and Derry Road (Route 102) approximately 900 feet southerly along Robison Road to supply water service for Map 105 lots 17-2 and 17-3. Total wetland buffer impact if accepted will equal 1,760 sq. ft. total.

Conservation Members Stepping Down: None

Alternates Seated: None

Applicant Representative(s): Tony Basso, Keach-Nordstrom Associates, Inc.

Motion to “Recommend”

Mr. Dickinson moved to recommend a favorable acceptance to the Planning Board for the proposed water main extension along Robinson Road that will be used to service Map 105 lots 17-2 and 17-3. After review the conservation commission members find that the proposed project is in compliance with the Hudson Zoning Ordinance Article IX, §334-36 (C) (2) and §334-37 (2). The HCC does ask that the following recommendations and or notes be added to the plan set as part of the approval process.

1. Construction and restoration shall comply with Best Management Practices set forth in New Hampshire Storm Water Manual Volume 3: Erosion and Sediment Control
2. Prior to the start of construction erosion control barriers shall be installed and maintained to the satisfaction of the Town Engineer

3. This motion is based on the plan(s) submitted by the applicant. It is recommended that if additional impacts are necessary the plan be returned to the Conservation Commission for further review.

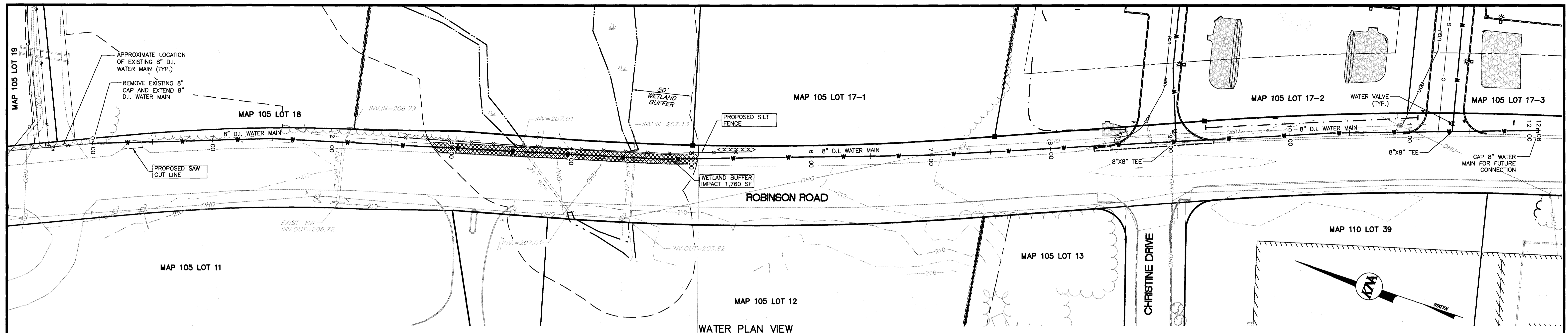
Motion Second: Mr. Kallgren

Vote: William Kallgren Yes, Ken Dickinson Yes, William Collins Yes

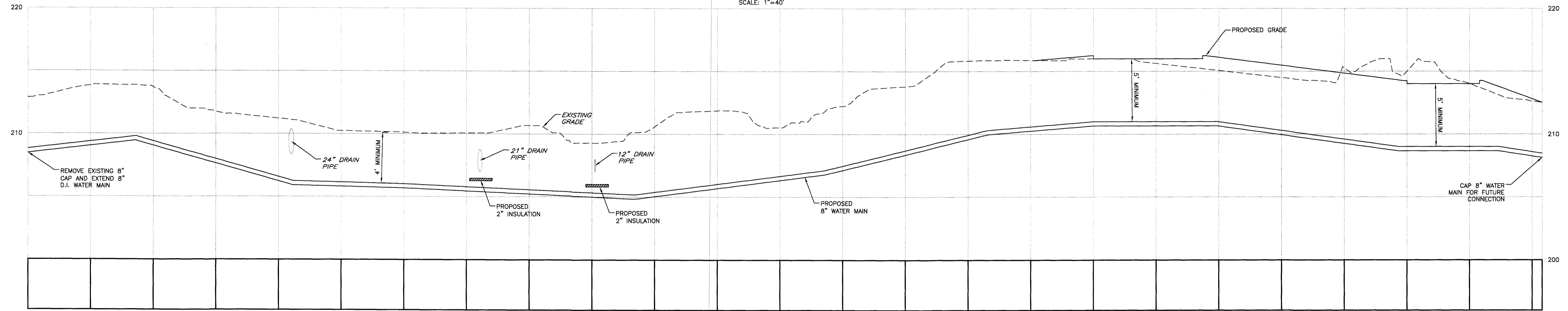
William Collins

William Collins
HCC Chairman

A copy of this recommendation/motion shall be stapled to the CUP application and forward it to the Town Planning Office for inclusion in the Planning Board Member Packets.



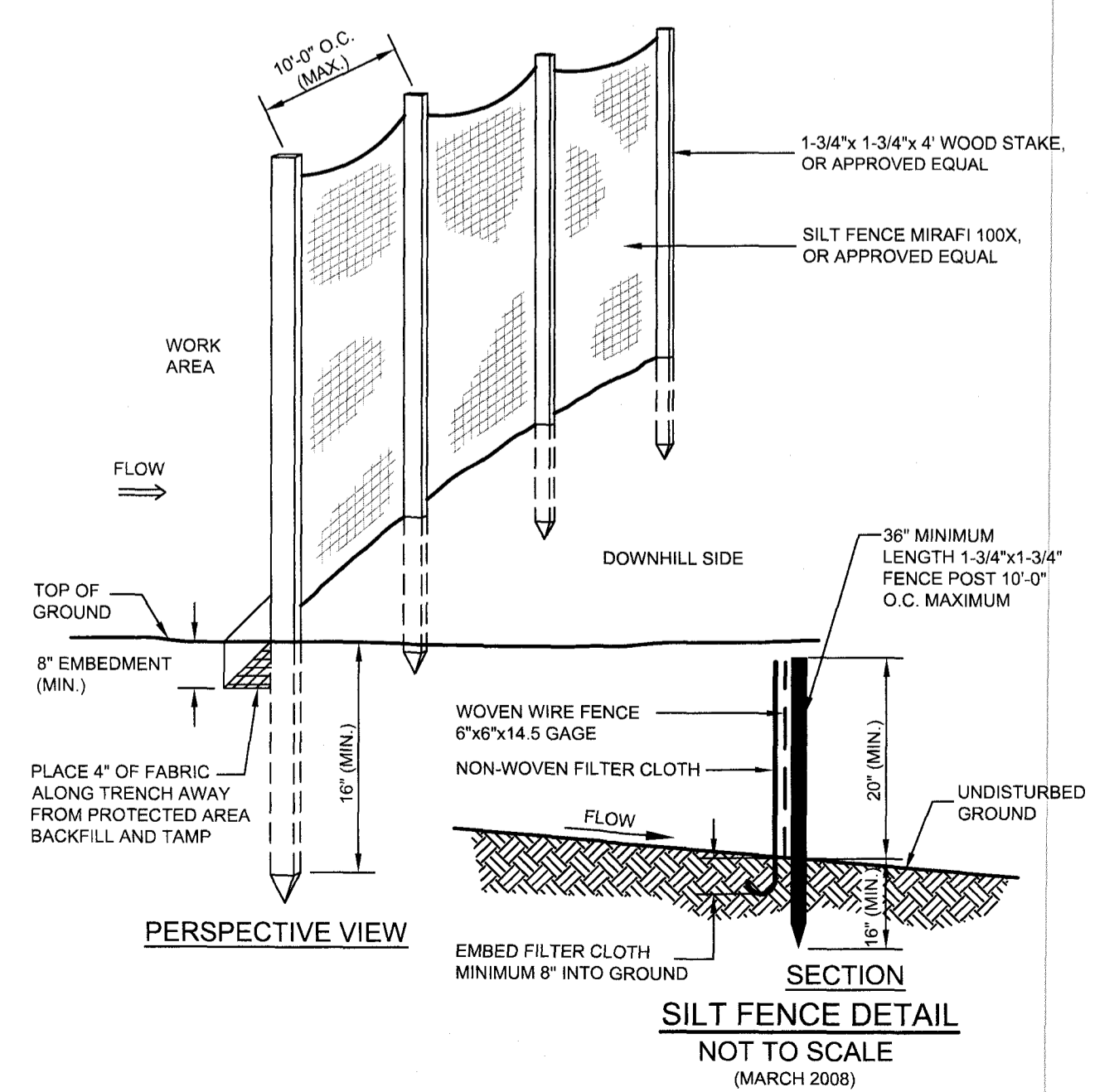
WATER PLAN VIEW
SCALE: 1"=40'



WATER PROFILE
SCALE: 1"=40' HOR.
1"=5' VERT.

LEGEND

⊙ GB-F	GRANITE BOUND FOUND	⊖	STONEWALL
⊙ IPIN-F	IRON PIN FOUND	---	BUILDING SETBACK
⊙ DH-F	DRILL HOLE FOUND	---	EASEMENT
⊙ IPP-F	IRON PIPE FOUND	⊕	PROPOSED WATER VALVE
⊙ RRS-F	RAILROAD SPIKE FOUND	⊕	PROPOSED HYDRANT
⊕	UTILITY POLE	⊕	PROPOSED WELL
⊕	SIGN	⊕	PROPOSED DRAINAGE MANHOLE
⊕	LIGHT	⊕	PROPOSED CATCH BASIN
⊕	WELL	⊕	PROPOSED END SECTION
⊕	SEWER MANHOLE	⊕	PROPOSED PROPERTY LINE
⊕	DRAINAGE MANHOLE	⊕	PROPOSED GUARDRAIL
⊕	CATCH BASIN	⊕	PROPOSED UNDERGROUND UTILITIES
---	ABUTTER LINE	---	PROPOSED GAS LINE
---	PROPERTY LINE	---	PROPOSED WATER LINE
---	STREAM	---	PROPOSED DRAINAGE LINE
---	WETLAND	---	PROPOSED TREETLINE
---	OVERHEAD UTILITIES	---	PROPOSED EDGE OF PAVEMENT
---	DRAINAGE LINE	---	PROPOSED SLOPED GRANITE CURB
---	TREETLINE	---	PROPOSED 2' CONTOUR
---	10' CONTOUR	---	EASEMENT
---	2' CONTOUR	---	SILT FENCE



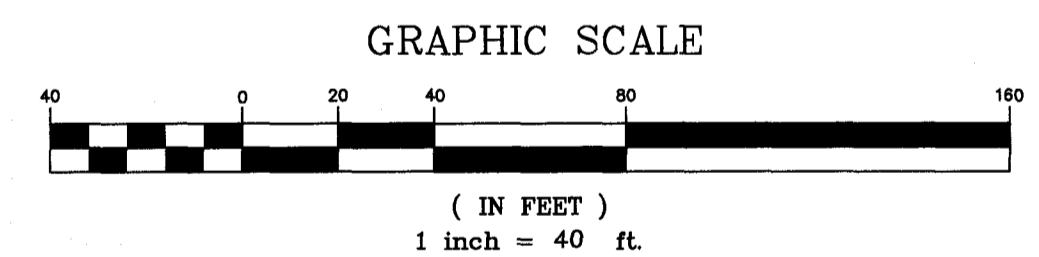
CONSTRUCTION SPECIFICATIONS:

1. THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
2. THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
3. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIE OR STAPLES WHERE NOTED OR AS DIRECTED BY DESIGN ENGINEER.
4. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MIDSECTION AND BOTTOM.
5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.
6. FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
7. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

MAINTENANCE:

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

LOAM & SEED ALL DISTURBED AREAS (TYP.)



OFFSITE WATER MAIN EXTENSION PLAN AND PROFILE
S.L. CHASSE STEEL
 MAP 105 LOTS 17-2 & 17-3
 ROBINSON ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF RECORD/APPLICANT:
 STEEL PROPERTIES, LLC
 8 CHRISTINE DRIVE
 HUDSON, N.H. 03051
 H.C.R.D. BK. 9327 PG. 197

KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS

No.	DATE	DESCRIPTION	BY

DATE: MAY 25, 2021
 PROJECT NO: 20-0921-2
 SCALE: 1" = 40'
 SHEET 1 OF 1

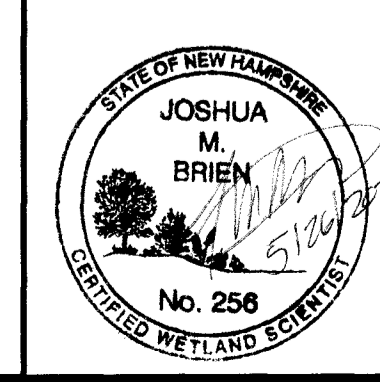
PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES TWO YEARS FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

 SIGNATURE DATE: _____

 SIGNATURE DATE: _____

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.



WETLAND SCIENTIST'S CERTIFICATION:

JOSHUA BRIEN, CERTIFIED WETLAND SCIENTIST #256 OF KEACH-NORDSTROM ASSOCIATES, INC. OF BEDFORD, NH PERFORMED THE DELINEATION OF JURISDICTIONAL WETLANDS IN JANUARY OF 2020 USING THE TECHNICAL CRITERIA IN THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987).

Wetland Conservation District Conditional Use Permit Application

S.L. CHASSE STEEL
Tax Map 105; Lots 17-2 & 17-3
Robinson Road
Hudson, New Hampshire
May 27, 2021
KNA Project No. 20-0921-2

Prepared For: Steel Properties, LLC
8 Christine Drive
Hudson, NH 03051

Prepared By: Keach-Nordstrom Associates, Inc.
10 Commerce Park North, Suite 3
Bedford, New Hampshire 03110
(603) 627-2881
(603) 627-2915 (fax)

KNA

KEACH-NORDSTROM ASSOCIATES, INC.

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OFFSITE WATER MAIN EXTENSION PLAN AND PROFILE (22"x34")

1. CONDITIONAL USE PERMIT APPLICATION

APPLICANT INFORMATION

Date of Application: May 25, 2021 Tax Map #: 105 Lot #: 17-2 & 17-3

Site Address: Robinson Road, Hudson, NH

Name of Project: S.L. Chasse Steel

Zoning District: G-1 General CUP#: _____
(For Town Use Only)

Z.B.A. Action: _____

PROPERTY OWNER:

DEVELOPER:

Name: Steel Properties, LLC

Address: 8 Christine Drive

Address: Hudson, NH 03051

Telephone # (603) 886-3436

Email: s.chasse@slchassesteelfab.com

PROJECT ENGINEER or SURVEYOR:

CERTIFIED WETLANDS SCIENTIST:

Name: Shaun Vando, Keach Nordstrom

Joshua Brien, Keach Nordstrom

Address: 10 Commerce Park North, Suite 3

10 Commerce Park North, Suite 3

Address: Bedford, NH 03110

Bedford, NH 03110

Telephone # (603) 627-2881

(603) 627-2881

Email: svando@keachnordstrom.com

jbrien@keachnordstrom.com

PURPOSE OF PLAN:

Show public water connection from the existing stub approximately 900 feet north of the site to lots 17-2 & 17-3.

(For Town Use Only)

Routing Date: _____ Deadline Date: _____ Meeting Date: _____

_____ I have no comments _____ I have comments (attach to form)

_____ Title: _____ Date: _____

(Initials)

Department:

Zoning: ___ Engineering: ___ Assessor: ___ Police: ___ Fire: ___ DPW: ___ Consultant: ___

SITE DATA SHEET

PLAN NAME: S.L. Chasse Steel

PLAN TYPE: (Site Plan, Subdivision, or other) Water Line Connection

LEGAL DESCRIPTION: MAP 105 LOT 17-2 & 17-3

DATE: May 26, 2021

Location by Street: Robinson Road

Zoning: G-1

Proposed Land Use: Industrial

Existing Use: Vacant

Total Site Area: 17-2 309,586 7.107
S.F.: 17-3 305,312 Acres: 7.009

Total Wetland Area (SF): 15,000 +/-

Permanent Wetland Impact Area (SF): _____

Permanent Wetland Buffer Impact Area (SF): 1,760 SF

Temporary Wetland Impact Area (SF): _____

Temporary Wetland Buffer Impact Area (SF): _____

Flood Zone Reference: Map# 33011C0508D, Panel #508 of 701
(Neither site located within flood zone)

Proposed Mitigation:

(For Town Use Only)

Data Sheets Checked By: _____ Date: _____

SCHEDULE OF FEES

A. REVIEW FEES:

1. Conditional Use Permit
\$100 Flat Fee \$ 100.00

LEGAL FEE:

The applicant shall be charged attorney costs billed to the Town for the Town's attorney review of any application plan set documents.

B. POSTAGE:

4 Direct Abutters @\$4.10 (or Current Certified Mail Rate) \$ 16.40
12 Indirect Abutters (property owners within 200 feet) \$ 6.60
@\$0.55 (or Current First Class Rate)

TOTAL \$ 123.00

(For Town Use)

AMOUNT RECEIVED: \$ _____	DATE RECEIVED: _____
RECEIPT NO.: _____	RECEIVED BY: _____

2. WETLAND CONDITIONAL USE PERMIT CHECKLIST

WETLAND CONDITIONAL USE PERMIT CHECKLIST

Yes	No	NA	QUESTIONS/INFORMATION NEEDED	HCC Comments
NARRATIVE REPORT				
Existing Conditions				
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Has a DES Dredge and Fill Permit been issued for any part of this site? If yes, provide number, date, and description.	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Is there evidence of altered wetlands or surface waters on site?	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	All prime and other wetlands in the vicinity, plus any wetlands/watersheds past the immediate vicinity affected by this project	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Description of each wetland and associated values	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Wetland mapping results – Including the flagging date and technique plus the name, company and qualifications of the wetland scientist	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Was property surveyed? If yes, the date of survey. (Please attach the survey plan)	
National Wetland Inventory				
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Vegetative cover types	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Existence of vernal pools and associated habitat	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Unique geological and cultural features	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• NH Natural Heritage inventory – For list of rare and endangered species, contact the NH Division of Forests and Lands (603)271-3623	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Wildlife and fauna species, including estimated number and locations (large projects)	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Public or private wells located within the vicinity	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Monitoring well(s) located on site	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	• Current land use and zoning district	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Photos of existing area (please use color photos)	
Proposed Project Description				
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Entire project and associated activities	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Time table of project and anticipated phasing	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Land use	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Grading plan	
Impact to Wetlands and/or Buffers				
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	• Depending on size and proposed impacts, a report from a biologist may be appropriate	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Removing, filling, dredging, or altering (Area square ft. and locations)	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Intercepting or diverging of ground or surface water (Locations and size)	
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	• Change in run-off characteristics	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Delineation of drainage area contributing to each discharge point	

Yes	No	NA	Questions/Information Needed	HCC COMMENTS
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Estimated water quality characteristics of runoff at each point of discharge for both pre- and post-development	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Erosion control practices	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<ul style="list-style-type: none"> If using rip-rap, attach documentation explaining why other erosion control methods are not feasible 	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<ul style="list-style-type: none"> How storm water runoff will be handled 	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	If backyards or lots include a buffer area, buffer restriction wording shall be included in each deed (A physical marker may be requested to designate buffer boundaries at site)	

Mitigation

<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Square footage of mitigation – wetland and upland areas	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Wetland or upland plants identified to replace any losses	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<ul style="list-style-type: none"> Restoration plan for planting and vegetation 	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Conservation easements, including location and aesthetic, wildlife and vegetative values	
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<ul style="list-style-type: none"> If easement is on or added to the site(s), a copy of the legal document shall be given to the HCC (HCC conservation easement markers may also be required along the easement) 	

CONCEPTUAL SITE PLAN/DRAWING

<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Locus map depicting project site and vicinity within approximately ½ mile and also on a larger scale	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	All prime and other wetlands in the vicinity	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Wetland(s) impacted (identified as prime or other) and the wetland boundaries with 50' buffer areas highlighted in color	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Assessor's sheet(s), lot(s), and property account number(s)	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Existing and proposed structures	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Square footage listed for temporary and permanent impact	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Erosion control plan (Suggested: Biodegradable silt fences so area won't be disturbed again and no hay to avoid invasive species)	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Topographical map with contours	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Storm water treatment swales and basins highlighted in color if in buffer area	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Conservation and utility easements	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Grading plan	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Culvert, arch, bridge - sizes, material, etc.	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Vegetative cover types	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Vernal pools	
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Existing and proposed stone walls, tree lines, and unusually large, rare or beautiful trees, and other notable site features	

3. CONDITIONAL USE PERMIT APPLICATION AUTHORIZATION

CONDITIONAL USE PERMIT APPLICATION AUTHORIZATION

I hereby apply for *Conditional Use Permit* and acknowledge I will comply with all of the Ordinances of the Town of Hudson, New Hampshire State Laws, as well as any stipulations of the Planning Board, in development and construction of this project. I understand that if any of the items listed under the *Conditional Use Permit* specifications or application form are incomplete, the application will be considered rejected.

Pursuant to RSA 674:1-IV, the owner(s) by the filing of this application as indicated above, hereby given permission for any member of the Hudson Planning Board, the Hudson Conservation Commission, the Town Planner, the Town Engineer, and such agents or employees of the Town or other persons as the Planning Board may authorize, to enter upon the property which is the subject of this application at all reasonable times for the purpose of such examinations, surveys, tests and inspections as may be appropriate. The owner(s) release(s) any claim to or right he/she (they) may now or hereafter possess against any of the above individuals as a result of any examinations, surveys, tests and/or inspections conducted on his/her (their) property in connection with this applications.

Signature of Owner: Stephen L. Chasse Date: 5-25-2021

Print Name of Owner: STEPHEN L. CHASSE

- ❖ If other than an individual, indicate name of organization and its principal owner, partners, or corporate officers.

Signature of Developer: _____ Date: _____

Print Name of Developer: _____

- ❖ The developer/individual in charge must have control over all project work and be available to the Code Enforcement Officer/Building Inspector during the construction phase of the project. The individual in charge of the project must notify the Code Enforcement Officer/Building Inspector within two (2) working days of any change.

4. OWNER AFFIDAVIT

Owner Affidavit

I, Steve Chasse, authorized representative of S.L. Chasse Steel and owner of the properties referenced on Tax Map 105 as Lots 17-2 & 17-3, located along Robinson Road, Hudson, New Hampshire, hereby verify that I have authorized Keach-Nordstrom Associates, Inc. to submit on my behalf, any and all applicable State and local permit applications as they pertain to improvements on said property.

Additionally, I authorize Keach-Nordstrom Associates, Inc. to aid in the representation of these applications throughout the approval process.

Signature of Owner: Stephen L. Chasse

Printed Name of Owner: STEPHEN L. CHASSE

Address of Owner: 8 Christine Drive

Hudson, NH 03051

Date: _____

5. ABUTTERS LIST

Abutter's List
S.L. Chasse Water Main Extension
Hudson, NH
KNA#20-0921-2
Updated 5/27/2021

Tax Map 105	Lot 17-2/ 17-3	Owner/Applicant Steel Properties, LLC 8 Christine Drive Hudson, NH 03051
Tax Map 105	Lot 17-0/ 17-1/ 18-0	Direct Abutters Noury Investments LLC 17 Elnathans Way Hollis, NH 03049
105	12	GNM Corporation 172 Kinsley Street Nashua, NH 03060
110	39	SLC Development LLC 8 Christine Drive Hudson, NH 03051
105	11-1	JJJ Realty, LLC c/o Melissa Hoffman Dance 133 Harriman Street Manchester, NH 03102
Tax Map 105	Lot 17-4	Indirect Abutters Grey Fox Realty 40 Temple Street Nashua, NH 03060
105	33	Carlos M. & Maria G. Dos Santos 142 Old Derry Road Hudson, NH 03051
105	34	Albert D. Tremblay 144 Old Derry Road Hudson, NH 03051
105	27	Mark R. Kliener & Chelsea M. Gallant 18 Twin Meadow Drive Hudson, NH 03051

105	28-1	Jami Ann Censullo & Matthew Cole Liguori 16A Twin Meadow drive Hudson, NH 03051
105	28-2	Diane L. Jalbert 16B Twin Meadow Drive Hudson, NH 03051
105	29	Deborah A. & Gary D. Anderson 12 Twin Meadow Drive Hudson, NH 03051
105	13	Steel Properties, LLC 8 Christine Drive Hudson, NH 03051
105	32	Nirel LLC 140 Old Derry Road Hudson, NH 03051
105	30-2	Laura K. Danforth 10B Twin Meadow Drive Hudson, NH 03051
105	30-1	Brooke A. Grant 10A Twin Meadow Drive Hudson, NH 03051

Professionals to be notified:

Engineer/Surveyor
Keach-Nordstrom Associates Inc.
10 Commerce Park North, Suite 3B
Bedford, NH 03110

6. PROJECT NARRATIVE

May 28, 2021

Town of Hudson
Conservation Commission
12 School Street
Hudson, New Hampshire 03051

**Subject: S.L. Chasse Steel
Application for Conditional Use Permit for Wetland Impact
Map 105 Lots 17-2 & 17-3
Robinson Road, Hudson, New Hampshire
KNA #20-0921-2**

To Members of the Conservation Commission:

Project Narrative:

The proposed project entails the extension of an 8-inch water main on Robinson Road that is proposed to support a new 22,500 sf industrial building on lot 17-2 and three proposed industrial building totaling 50,400 sf on lot 17-3. Development will include the construction of individual driveways and associated parking. Onsite improvements will include the construction of stormwater ponds, landscaping, and site lighting. The main extension is required for fire protection and life safety purposes.

The parcels, found within the General 1 (G-1) Zoning District, are currently primarily undeveloped, with the only development being an existing residential home, sheds, and its driveway on lot 17-2. The two lots are proposing to connect to town water at a stub approximately 900' north of the site on Robinson Road. There are two wetlands on east side and one wetland on the west side of Robinson Road about 450'-550' from site. We will be within the 50' buffer on the east side of Robinson Road where we show the proposed water connection to the sites. Only the water line construction in this area will be within the wetland buffer.

The wetlands proposed for impact have two classifications. The eastern wetlands are classified as PSSIE palustrine, scrub shrub, broad-leafed, deciduous, seasonally flooded/saturated. The western wetland is classified as R4UB 2 Riverine, intermittent, unconsolidated bottom, sand. These classifications were determined by Joshua Brien (New Hampshire Certified Wetland Scientist #256) of Keach-Nordstrom Associates. The permanent buffer impacts will support the installation the water line.

The New Hampshire Natural Heritage Inventory has been notified and asked to check their database for any know occurrences of threatened or endangered species within the project site. Their response dated October 29, 2020 states that there are records of

blandings turtle, Jefferson/blue-spotted salamander complex and Spotted Turtle in the general area. NHDES Best Management Practices will be used throughout the construction process to minimize soil erosion and downstream pollution by stormwater.

Additionally, in submitting the enclosed application for conditional use permit, the applicant recognizes the need to successfully demonstrate to the satisfaction of the Town of Hudson Conservation Commission, that each of following criteria have been or will be fulfilled. Specifically:

A. Support fish and wildlife;

The wetlands are characterized as seasonally flooded and an intermittent stream. As such, there are no fish in the wetlands. There will be no adverse impacts to fish or wildlife given the nature of the water main extension.

B. Attenuate flooding;

There will be no proposed change in the existing grades therefor there will be no impact to attenuate flooding. Flooding will occur in same manner as it does today and not be impacted by this proposal.

C. Supply and protect surface and groundwater resources;

There will be no change in land use cover for the water main extension. Surface and groundwater resources will remain same as today.

D. Remove sediments;

Wetlands and wetland buffer areas will be protected by erosion and sediment control features during construction, in accordance with all local, state and federal standards. Post construction there will be no impact to groundwater, runoff characteristics or quality of the wetland sediments.

E. Remove pollutants;

No additional pollutant loading is anticipated. The ground covers will be restored to the existing conditions and no new impervious area is proposed.

F. Support wetland vegetation;

Vegetation within the wetland will be left untouched and all work is within the wetland buffer in areas already disturbed and maintained in the Robinson Road right of way.

G. Promote public health and safety.

The main purpose of the water main extension is to provide necessary life safety and fire protection capabilities to an area that currently has none.

H. Moderate fluctuations in surface water levels.

After water main extension area will remain same as existing with no change in runoff or surface water levels. This proposed design will not be adding any more run-off than is already contributing to this wetland.

I. No increase to potential for erosion, siltation, and turbidity of surface waters.

During construction, erosion control measures will be implemented in accordance with local, state and federal regulations to minimize impacts. Once complete, there will be no change to surface conditions in the post condition and thus no additional potential to increase erosion, siltation or turbidity.

J. No loss of fish and wildlife habitat.

Wetlands will remain unaltered during the construction of the waterline extension and therefor there will be no adverse impacts to fish habitat. Wildlife habitat will remain unaffected as the proposed land disturbance is exclusively within a maintained right of way.

K. No loss of unique habitat having demonstrable natural, scientific, or educational value.

There is no unique habitat within Robinson Road right of way or area of proposed work.

L. No loss or decrease of beneficial aquatic organisms and wetland plants and their habitat.

Wetlands will remain unaltered during the construction of the waterline extension. There will be no adverse impacts aquatic organisms, wetland plans or their habitat.

M. No increased danger of flooding and/or transport of pollutants

The work will be done within the buffer only and after excavation will be back to the existing conditions. No additional flooding or transport of pollutants is expected once complete.

N. No destruction of the economic, aesthetic, recreational, and other public and private uses and values of the wetland to the community

No destruction of the economic, aesthetic, recreational, and other public and private uses and values of the wetland to the community is anticipated during or after construction of the water main.

7. SURFACE WATER IMPAIRMENTS

Surface Water Impairments

New Hampshire Department of Environmental Services

Search... Sign out

Layers I want to...

Alteration Of Terrain Permit

Filter Layers... Filter

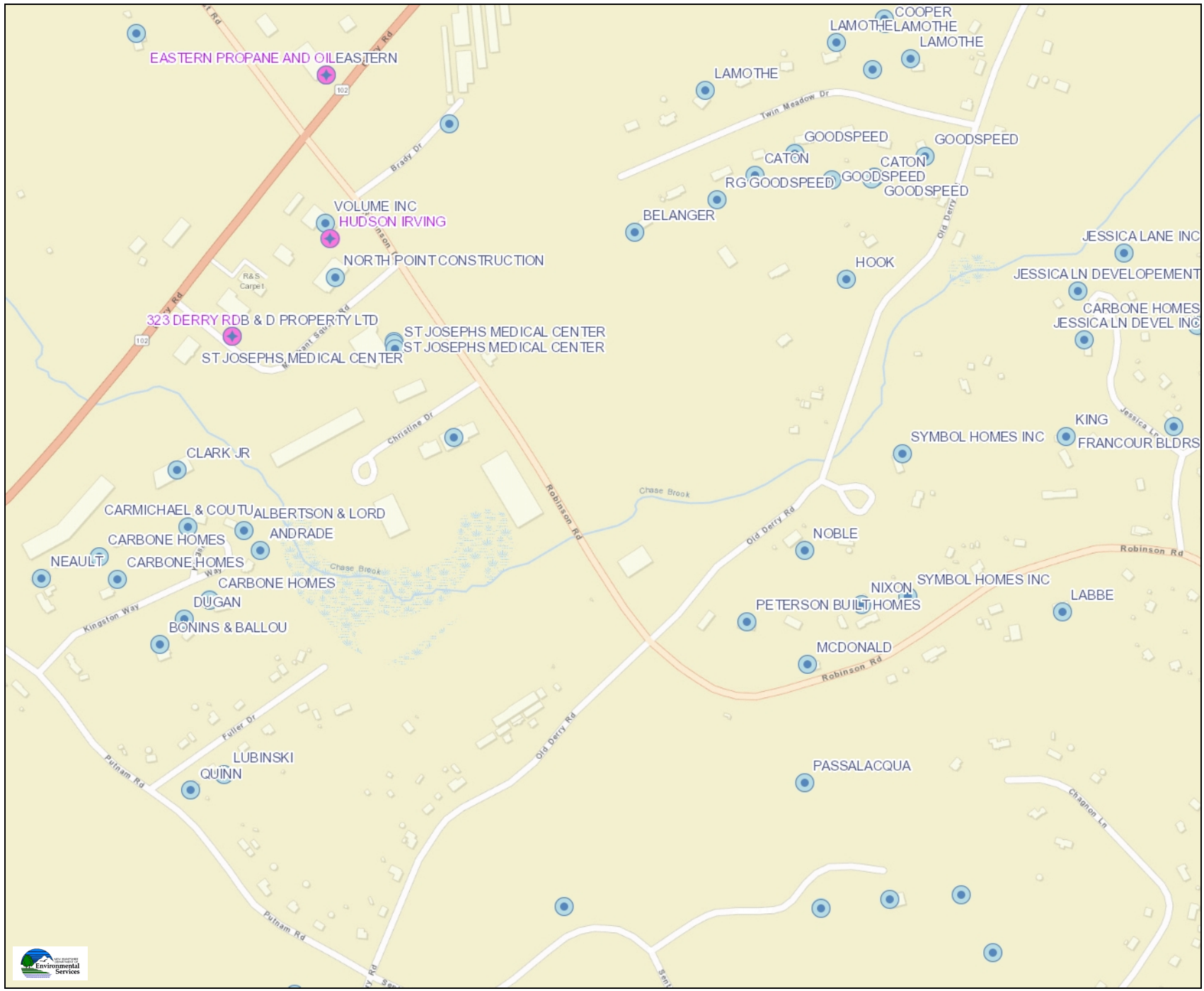
- Screening Layers
 - Remediation Sites
 - Coastal and Great Bay Region Communities
 - Designated Rivers Quartermile Buffer
 - Groundwater Protection Areas
 - Water Supply Intake Protection Areas
 - Public Water Supply Wells
 - Class A Surface Waters (RSA 485-A:9)
 - Outstanding Resource Water Watersheds
 - Surface Waters with Impairments 2016 with Quarter Mile Buffer
 - Watersheds with Chloride Impairments 2016
 - All Lakes, with a Quarter Mile Buffer
 - Base Layers

World St... WKID: 4326 Lat/Long ▲ Lat: 42.81407° N Lon: 71.41861° W 1:500 200m 600ft

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esr...

8. NHDES WELL INVENTORY MAP

S.L. Chasse Steel



- Legend**
- Public Water Supply Wells
 - Water Well Inventory

Map Scale
 1: 6,494

© NH DES, <http://des.nh.gov>
 Map Generated: 5/26/2021



Notes



9. NEW HAMPSHIRE NATURAL HERITAGE INVENTORY LETTER

CONFIDENTIAL – NH Dept. of Environmental Services review

Memo



NH Natural Heritage Bureau
HB Datacheck Results Letter

To: Peter Madsen, Keach & Nordstrom Associates
10 Commerce Park North Suite 3
Bedford, NH 03110

From: Amy Lamb, NH Natural Heritage Bureau

Date: 10/29/2020 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau

NHB File ID: NHB20-3173 Town: Hudson

Location: Tax Maps: Map 105 Lot 17-2

Description: Potential industrial/commercial use.

cc: Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

Comments: Please contact the NH Fish & Game Department to address wildlife concerns.

Vertebrate species

	State ¹	Federal	Notes
Blanding's Turtle (<i>Emydoidea blandingii</i>)	E	--	Contact the NH Fish & Game Dept (see below).
Jefferson/Blue-spotted Salamander Complex (<i>Ambystoma pop. 3</i>)	--	--	Contact the NH Fish & Game Dept (see below).
Spotted Turtle (<i>Clemmys guttata</i>)	T	--	Contact the NH Fish & Game Dept (see below).

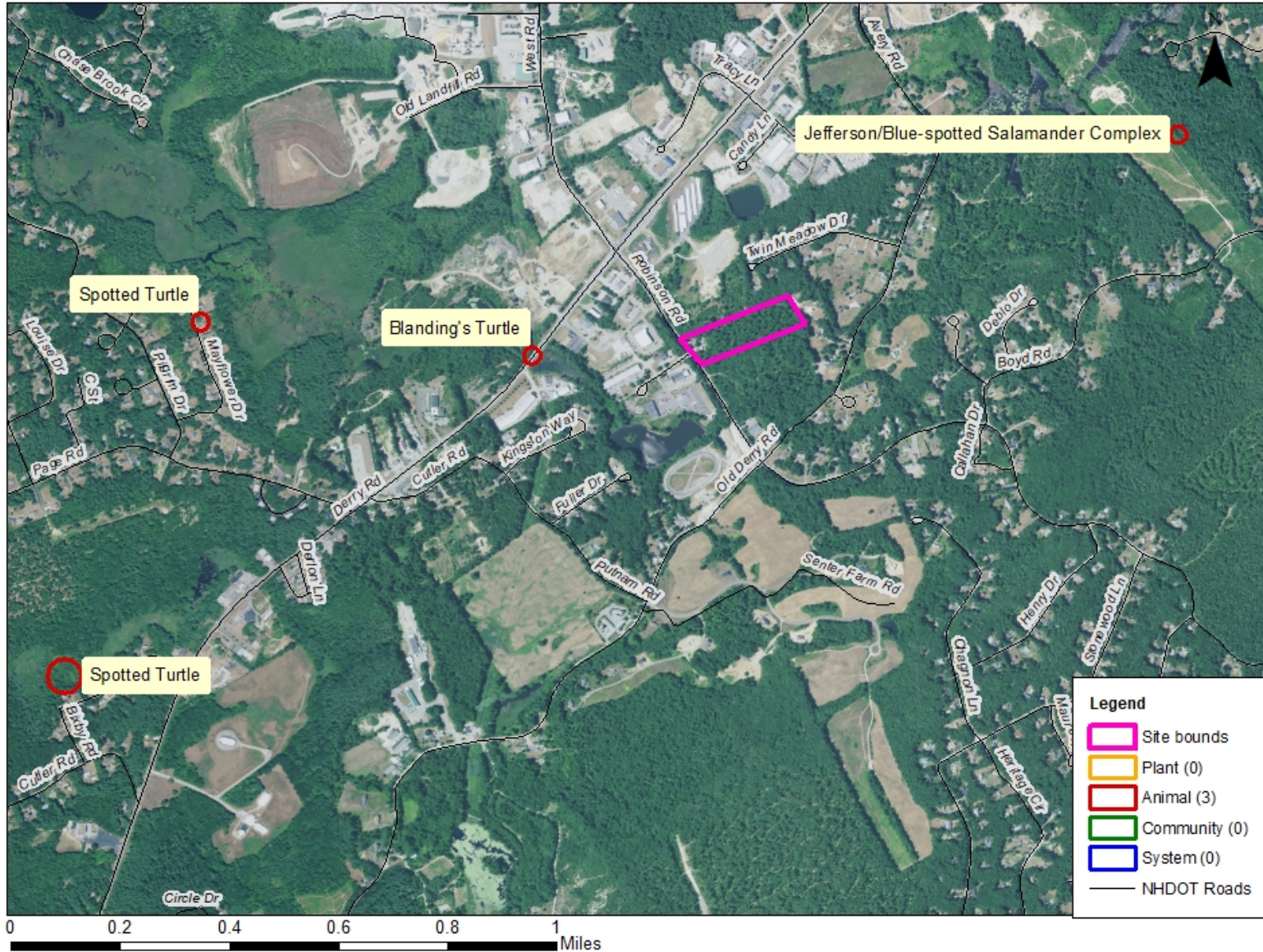
¹Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (*) indicates that the most recent report for that occurrence was more than 20 years ago.

Contact for all animal reviews: Kim Tuttle, NH F&G, (603) 271-6544.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

CONFIDENTIAL – NH Dept. of Environmental Services review

NHB20-3173



New Hampshire Natural Heritage Bureau - Animal Record

Blanding's Turtle (*Emydoidea blandingii*)

Legal Status

Federal: Not listed
State: Listed Endangered

Conservation Status

Global: Apparently secure but with cause for concern
State: Critically imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Not ranked
Comments on Rank: --

Detailed Description: 2018: Area 14520: 1 adult observed, sex unknown.
General Area: 2018: Area 14520: Road crossing between forested wetland and shrub wetland.
General Comments: --
Management: --
Comments:

Location

Survey Site Name: Nesenkeag Brook
Managed By:

County: Hillsborough
Town(s): Hudson
Size: .4 acres

Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: 2018: Area 14520: Derry Road, Hudson, at the crossing of Chase Brook.

Dates documented

First reported: 2018-05-08 Last reported: 2018-05-08

The New Hampshire Fish & Game Department has jurisdiction over rare wildlife in New Hampshire. Please contact them at 11 Hazen Drive, Concord, NH 03301 or at (603) 271-2461.

New Hampshire Natural Heritage Bureau - Animal Record

Jefferson/Blue-spotted Salamander Complex (*Ambystoma pop. 3*)

Legal Status

Federal: Not listed
State: Not listed

Conservation Status

Global: Not ranked (need more information)
State: Imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Not ranked
Comments on Rank: --

Detailed Description: 2015: WA 88: Approximately 50 egg masses observed.
General Area: 2015: WA 88: Vernal pool adjacent to power line right-of-way.
General Comments: --
Management: --
Comments:

Location

Survey Site Name: Chase Brook
Managed By:

County: Hillsborough
Town(s): Hudson
Size: .4 acres Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: --

Dates documented

First reported: 2015-04-28 Last reported: 2015-04-28

The New Hampshire Fish & Game Department has jurisdiction over rare wildlife in New Hampshire. Please contact them at 11 Hazen Drive, Concord, NH 03301 or at (603) 271-2461.

New Hampshire Natural Heritage Bureau - Animal Record

Spotted Turtle (*Clemmys guttata*)

Legal Status

Federal: Not listed
State: Listed Threatened

Conservation Status

Global: Demonstrably widespread, abundant, and secure
State: Imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Good quality, condition and landscape context ('B' on a scale of A-D).
Comments on Rank: --

Detailed Description: 2015: Area 14083: 1 adult observed, sex unknown. 2005: Area 9306: 1 adult male turtle observed. 1992: Four adult turtles observed: one 12-14 year old with carapace 114 cm and plastron 92 cm, sex undetermined; one ca. 12 year old very active female with carapace 125 cm and plastron 100 cm; one 11 or 12 year old very inactive female with carapace 127 cm and plastron 100 cm; and one 14-15 year old female with carapace 115 cm and plastron 92 cm.

General Area: 2015: Area 14083: Residential yard [property backs up to wetlands associated with Chase Brook]. 2005: Area 9306: Residential lot surrounded by some agriculture. 1992: Adjacent to a large wetland.

General Comments: 1992: Drawings of each turtle's most distinctive spots and other markings included.
Management: --
Comments:

Location

Survey Site Name: Cutler Road, north of
Managed By:

County: Hillsborough
Town(s): Litchfield
Size: 2.6 acres

Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: 2015: Area 14083: In yard at 21 Mayflower Drive, Litchfield. 2005: Area 9306: [Rte 3A ca. 2.8 miles north of the junction with Rte. 111 in Nashua.] 1992: Adjacent to a large wetland at 19 Woodburn Drive, near Cutler Road, [west of Rte. 102, in the southeast corner of Litchfield.]

Dates documented

First reported: 1992-06-08 Last reported: 2015-06-15

The New Hampshire Fish & Game Department has jurisdiction over rare wildlife in New Hampshire. Please contact them at 11 Hazen Drive, Concord, NH 03301 or at (603) 271-2461.

CONFIDENTIAL – NH Dept. of Environmental Services review

Memo



NH Natural Heritage Bureau
HB Datacheck Results Letter

To: Peter Madsen, Keach & Nordstrom Associates
10 Commerce Park North Suite 3
Bedford, NH 03110

From: Amy Lamb, NH Natural Heritage Bureau

Date: 10/26/2020 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau

NHB File ID: NHB20-3096

Town: Hudson

Location: Tax Maps: Map 105 Lot 17-3

Description: The project proposes the construction of three industrial buildings and accompanying parking lots and paved areas.

cc: Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

Comments: Contact the NH Fish & Game Department to address wildlife concerns.

Vertebrate species

	State ¹	Federal	Notes
Blanding's Turtle (<i>Emydoidea blandingii</i>)	E	--	Contact the NH Fish & Game Dept (see below).
Jefferson/Blue-spotted Salamander Complex (<i>Ambystoma pop. 3</i>)	--	--	Contact the NH Fish & Game Dept (see below).
Spotted Turtle (<i>Clemmys guttata</i>)	T	--	Contact the NH Fish & Game Dept (see below).

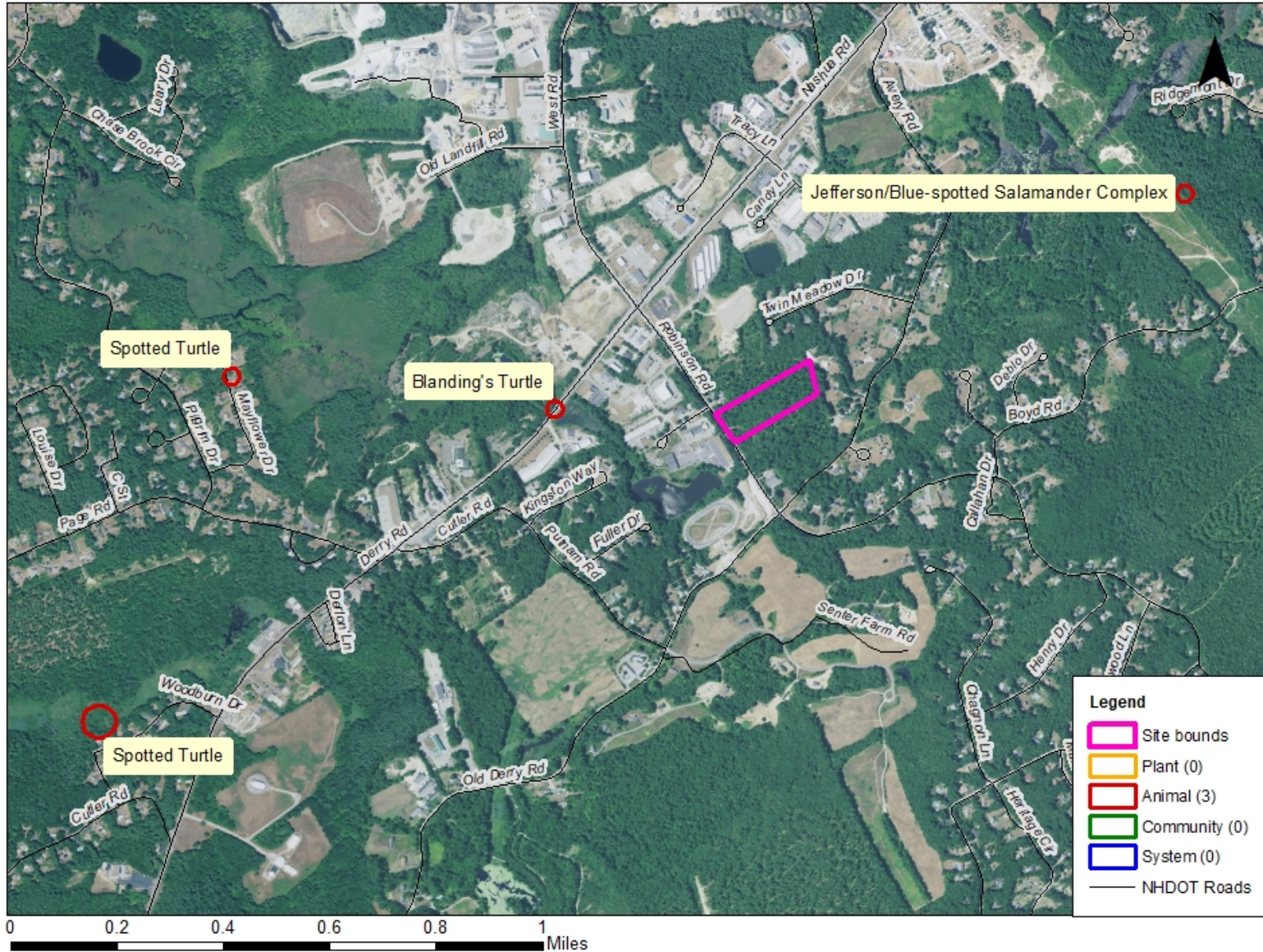
¹Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (*) indicates that the most recent report for that occurrence was more than 20 years ago.

Contact for all animal reviews: Kim Tuttle, NH F&G, (603) 271-6544.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

CONFIDENTIAL – NH Dept. of Environmental Services review

NHB20-3096



New Hampshire Natural Heritage Bureau - Animal Record

Spotted Turtle (*Clemmys guttata*)

Legal Status

Federal: Not listed
State: Listed Threatened

Conservation Status

Global: Demonstrably widespread, abundant, and secure
State: Imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Good quality, condition and landscape context ('B' on a scale of A-D).
Comments on Rank: --

Detailed Description: 2015: Area 14083: 1 adult observed, sex unknown.2005: Area 9306: 1 adult male turtle observed.1992: Four adult turtles observed: one 12-14 year old with carapace 114 cm and plastron 92 cm, sex undetermined; one ca. 12 year old very active female with carapace 125 cm and plastron 100 cm; one 11 or 12 year old very inactive female with carapace 127 cm and plastron 100 cm; and one 14-15 year old female with carapace 115 cm and plastron 92 cm.

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General Comments: 1992: Drawings of each turtle's most distinctive spots and other markings included.
Management: --
Comments:

Location

Survey Site Name: Cutler Road, north of
Managed By:

County: Hillsborough
Town(s): Litchfield
Size: 2.6 acres

Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: 2015: Area 14083: In yard at 21 Mayflower Drive, Litchfield.2005: Area 9306: [Rte 3A ca. 2.8 miles north of the junction with Rte. 111 in Nashua.]1992: Adjacent to a large wetland at 19 Woodburn Drive, near Cutler Road, [west of Rte. 102, in the southeast corner of Litchfield.]

Dates documented

First reported: 1992-06-08 Last reported: 2015-06-15

The New Hampshire Fish & Game Department has jurisdiction over rare wildlife in New Hampshire. Please contact them at 11 Hazen Drive, Concord, NH 03301 or at (603) 271-2461.

10. WETLAND PHOTO PLAN AND ASSOCIATED WETLAND PHOTOS

Photo No. 1: Looking southwest at the wetlands on Robinson Road.



Photo No. 2: Looking west at the wetlands on Robinson Road.



Photo No. 3: Looking northwest at the wetlands on Robinson Road.



Photo No. 4: Looking northeast at the wetlands on Robinson Road.



Photo No. 5: Looking southeast at the wetlands on Robinson Road.



Photo Key Plan:



Civil Engineering

Land Surveying

Landscape Architecture

10 Commerce Park North, Suite 3B

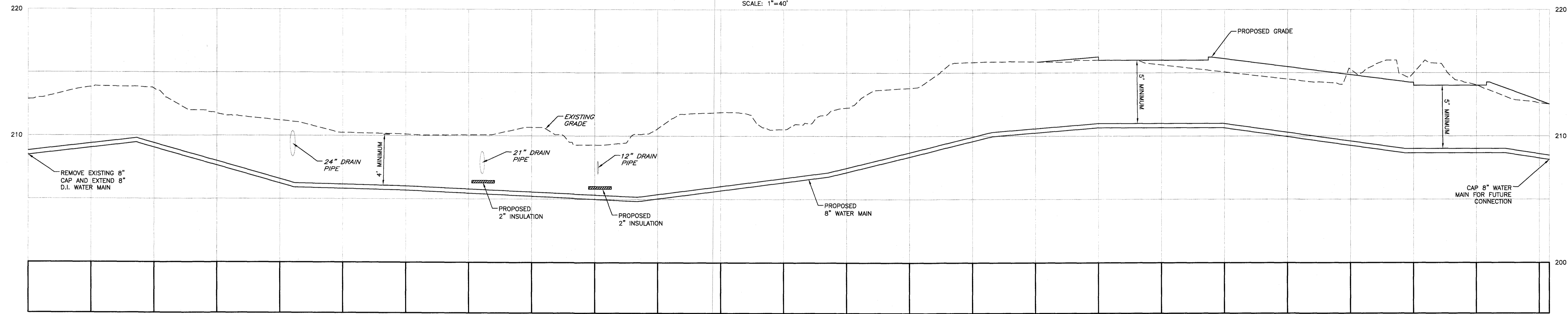
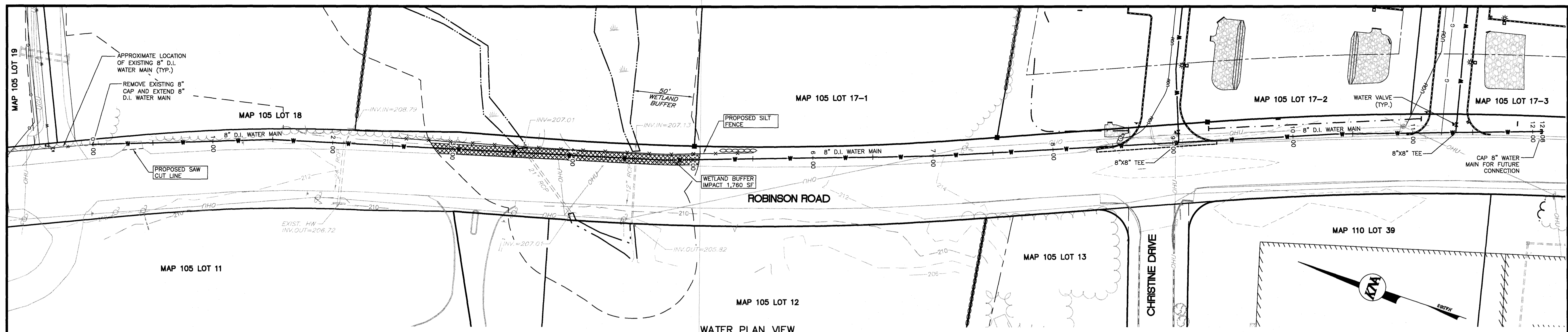
Bedford, NH 03110

Phone (603) 627-2881

Fax (603) 627-2915

11. PLAN

OFFSITE WATER MAIN EXTENSION PLAN AND PROFILE (22" X 34")

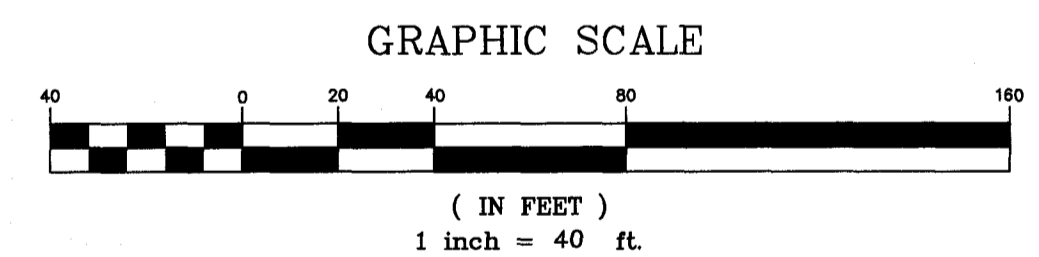


LEGEND

GB-F	GRANITE BOUND FOUND	STONE WALL	STONE WALL
IPIN-F	IRON PIN FOUND	BUILDING SETBACK	BUILDING SETBACK
DH-F	DRILL HOLE FOUND	EASEMENT	EASEMENT
IRPP-F	IRON PIPE FOUND	PROPOSED WATER VALVE	PROPOSED WATER VALVE
RRS-F	RAILROAD SPIKE FOUND	PROPOSED HYDRANT	PROPOSED HYDRANT
U-P	UTILITY POLE	PROPOSED WELL	PROPOSED WELL
S	SIGN	PROPOSED DRAINAGE MANHOLE	PROPOSED DRAINAGE MANHOLE
L	LIGHT	PROPOSED CATCH BASIN	PROPOSED CATCH BASIN
W	WELL	PROPOSED END SECTION	PROPOSED END SECTION
SM	SEWER MANHOLE	PROPOSED PROPERTY LINE	PROPOSED PROPERTY LINE
DM	DRAINAGE MANHOLE	PROPOSED GUARDRAIL	PROPOSED GUARDRAIL
CB	CATCH BASIN	PROPOSED UNDERGROUND UTILITIES	PROPOSED UNDERGROUND UTILITIES
AL	ABUTTER LINE	PROPOSED GAS LINE	PROPOSED GAS LINE
PL	PROPERTY LINE	PROPOSED WATER LINE	PROPOSED WATER LINE
ST	STREAM	PROPOSED DRAINAGE LINE	PROPOSED DRAINAGE LINE
W	WETLAND	PROPOSED TREETLINE	PROPOSED TREETLINE
OHU	OVERHEAD UTILITIES	PROPOSED EDGE OF PAVEMENT	PROPOSED EDGE OF PAVEMENT
DL	DRAINAGE LINE	PROPOSED SLOPED GRANITE CURB	PROPOSED SLOPED GRANITE CURB
TL	TREETLINE	PROPOSED 2' CONTOUR	PROPOSED 2' CONTOUR
C10	10' CONTOUR	EASEMENT	EASEMENT
C2	2' CONTOUR	SILT FENCE	SILT FENCE

WATER PROFILE
SCALE: 1"=40' HOR.
1"=5' VERT.

LOAM & SEED ALL DISTURBED AREAS (TYP.)

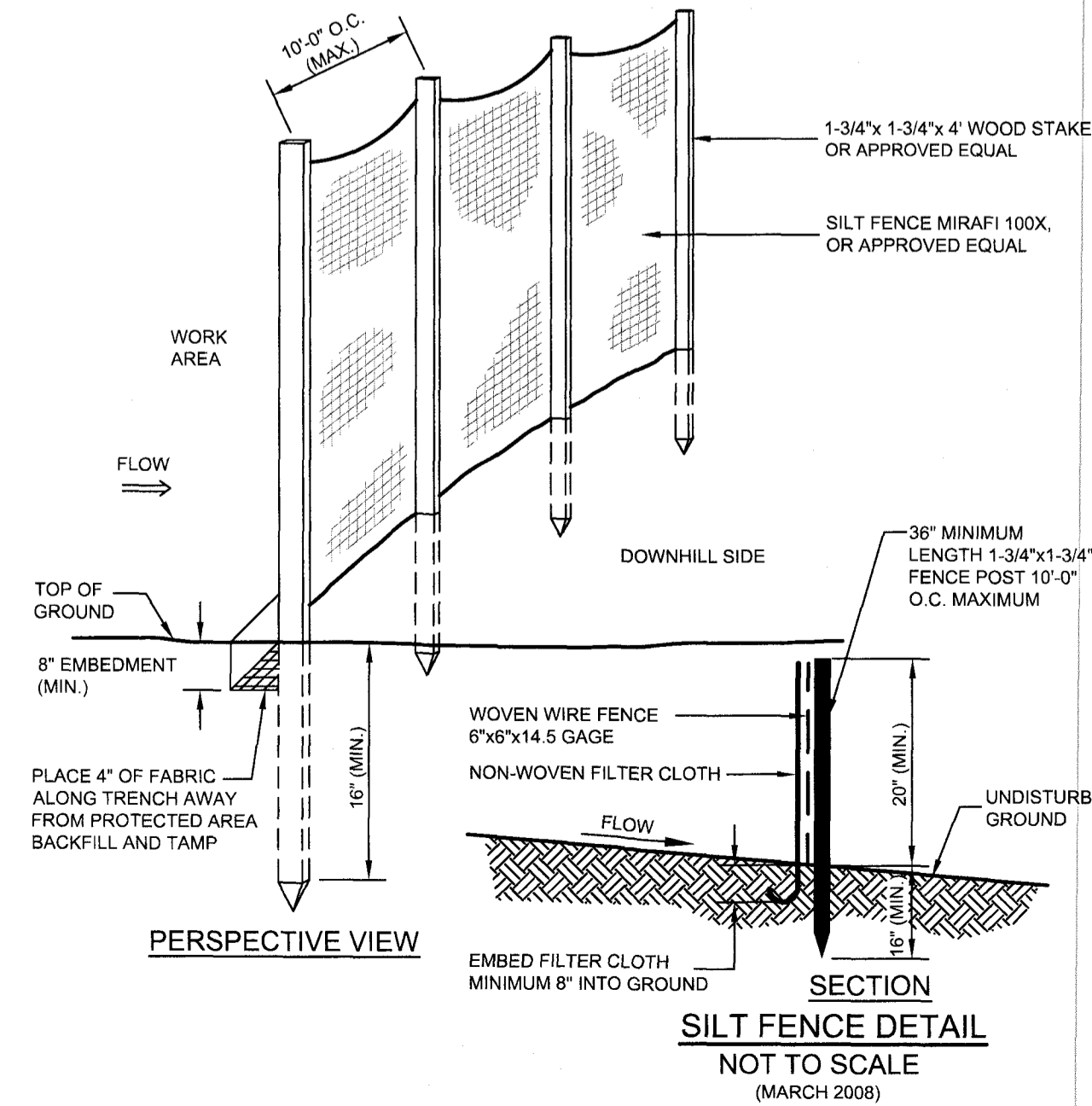


CONSTRUCTION SPECIFICATIONS:

- THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
- THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
- WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIE OR STAPLES WHERE NOTED OR AS DIRECTED BY DESIGN ENGINEER.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MIDSECTION AND BOTTOM.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.
- FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

MAINTENANCE:

- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.



OFFSITE WATER MAIN EXTENSION PLAN AND PROFILE
S.L. CHASSE STEEL
MAP 105 LOTS 17-2 & 17-3
ROBINSON ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF RECORD/APPLICANT:
STEEL PROPERTIES, LLC
8 CHRISTINE DRIVE
HUDSON, N.H. 03051
H.C.R.D. BK. 9327 PG. 197

KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS

No.	DATE	DESCRIPTION	BY

DATE: MAY 25, 2021
PROJECT NO: 20-0921-2
SCALE: 1" = 40'
SHEET 1 OF 1

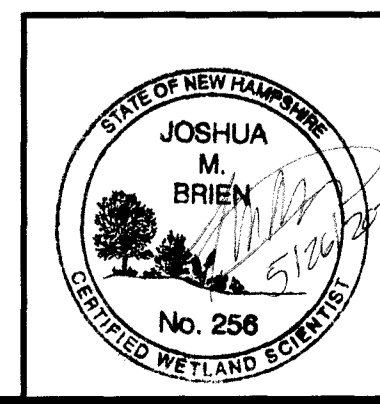
PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES TWO YEARS FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE DATE: _____

SIGNATURE DATE: _____

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.



WETLAND SCIENTIST'S CERTIFICATION:
JOSHUA BRIEN, CERTIFIED WETLAND SCIENTIST #256 OF KEACH-NORDSTROM ASSOCIATES, INC. OF BEDFORD, NH PERFORMED THE DELINEATION OF JURISDICTIONAL WETLANDS IN JANUARY OF 2020 USING THE TECHNICAL CRITERIA IN THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987).