Chester Planning Board

84 Chester Street
Chester, NH 03036
Tel. (603) 887-5629 Ext. 105
E-Mail: Planning@ChesterNH.org

Notice of Public Hearing

The Chester Planning Board will hold the following Public Hearing on Wednesday, **May 5th, 2021**, at 7:15 P.M. The meeting will be held electronically under the emergency provisions of RSA 91-A. The meeting will be broadcast as usual on Channel 20, and shown live on the Town's cable TV streaming service - please go to http://www.vod.chesterctv.com and click "Watch Now". If you would like to participate via the Zoom teleconferencing utility, please go to **https://zoom.us/j/92697843243**, or you may participate via telephone - dial **301-715-8592**; the meeting ID is **926 9784 3243**.

1. Site Plan Review application of the Chester Rod & Gun Club (owners) to erect a storage building, and make safety improvements to the rifle and pistol ranges, at the property located at 99 Rod & Gun Cub Road (Map 9 Lot 70).

These documents can be viewed online or during regular business hours in the Planning Board's Office and the Town Clerk's Office at the Municipal Office Building. Questions and/or comments should be directed to the Planning Board Office.

Brian Sullivan
Chairman

Posted: ALH 4/19/21

Appendix F – Application for Site Plan Review

Chester Planning Board

Map # 9 Lot # 70

To be completed by the Applicant:

1. Owner of Record: Chester Rod and Gun Club
   Address: 99 Rod and Gun Club Rd
   Chester NH 03036
   Telephone Number: 603-887-4629

2. Applicant if different than owner: Dan Jones - Club President
   Address: 99 Rod and Gun Club Rd
   Chester NH 03036
   Telephone Number: [redacted]

3. List professionals directly involved in the plan preparation:
   Name: Gregsak & Sons, Inc.,
   Address: PO Box 271
   Chester NH 03036
   Telephone Number: 603-887-6979

   Name: ____________
   Address: ____________
   ____
   Telephone Number: ____________

4. List owners with 10% or more interest. Include Deed Reference
   Name: Chester Rod and Gun Club

Address 99 Rod and Gun Club Rd

Chester NH 03036

Telephone Number 603-887-4629

Name

Address

Telephone Number

5. Location of proposed plan:

Road Name 99 Rod and Gun Club Rd

6. Attach an abutters list and include the applicant's name. This list should state the names and addresses, as well as their Tax Map and Lot numbers.

7. Attach a sheet with the names and addresses of any additional professionals directly involved in the plan preparation.

8. Provide a written description of your intent for this project. A separate sheet may be used for this purpose. Consult the Regulations and Ordinances, Town of Chester, for more detailed information.

[redacted]

Signature of Owner of Record

4/1/21

Date

Representative of Owner of Record

Date

Appendix G – CPB Site Plan Review Checklist

Map # 9 Lot # 70

A. TO BE COMPLETED BY THE APPLICANT:

1. Plan Title: Chester Rod & Gun Club Site Plan
2. Owner of Record: Chester Rod and Gun Club
3. Applicant: Chester Rod & Gun Club
4. Authorized Representative: Dan Jones - Club President
5. Street / Road Location: 99 Rod & Gun Club Rd
6. Is the property located in a Commercial Zone? C-1: ☐ C-2: ☐ No: ☑

Instructions:

- *Mark each item with a "√" (check) when submitted or with an "X" if it does not apply.*
- *Mark with an "*" (asterisk) those items requiring review by the Town's consulting engineer.*
- *Note: All items listed are subject to review by the Town's engineer and may require additional information to be submitted during the review process.*
- *Note: Acceptance of this application by the Planning Board does not constitute agreement whether an item marked inapplicable is actually inapplicable. The Board shall make the final determination of which items are applicable for each specific plan.*

B. INFORMATION SHOWN ON SITE DEVELOPMENT PLAN – EXISTING

1.	Names of and Map & Lot Numbers for all abutters.	✓
2.	Locus drawn to an adequate scale.	✓
3.	3" X 5" Signature block for Planning Board Chairperson and Coordinator.	✓
4.	Name of Proposed Business or Site Plan.	✓
5.	Name and Address of the Owner of Record with signature. pending	
6.	Name and Address of the Licensed Civil Engineer and/or Land Surveyor.	✓
7.	Name and Address of the Wetland and Soil Scientists and their seal.	
8.	Title, scale, north arrow, date and surveyor's seal.	✓
9.	Error of Closure Statement and Signature.	✓
10.	Certificate of Title (Deed Reference).	
11.	Streets and Street Names.	✓
12.	Existing structures, wells, septic and leach field on property, if applicable.	✓
13.	Services and Utilities.	
14.	Boundaries, Rights-of-Way, Easements.	✓

15.	Total acreage and square footage of lot.	
16.	Individual acreage and square footage of each lot.	NA
17.	Location and description of all permanent lot boundary markers inclusive of easement markers, if required.	
18.	Reference to any Variance/s or Special Exceptions from the ZBA.	NA

C. SUBMISSION ITEMS – EXISTING

1.	Supplemental sketch plan.	X
2.	Photographs.	X
3.	Witnessed test pit locations and results.	X
4.	Soil types and soil boundaries.	X

D. INFORMATION SHOWN ON SITE DEVELOPMENT PLAN – PROPOSED

1.	New grades, topographic contours	X
2.	Structures; size, height	X
3.	Streets, drives, parking spaces, sidewalks, dimensions and number	X
4.	Loading spaces, facilities	X
5.	Public and private utilities	X
6.	Landscaping; type, size and spacing	X
7.	Exterior lighting and signs	X
8.	Storm drainage plan, including snow removal plans	X
9.	Circulation plan showing vehicular and pedestrian circulation	X
10.	Access plan; required public street changes, sight distance	X
11.	Dimensions between structures and property lines	X
12.	Stamp of NH Licensed Professional Engineer	X
13.	Stamp of NH Licensed Land Surveyor	X
14.	Stamp of NH Licensed Soil Scientist	X
15.	Public Land or Common Area	X

E. SUBMISSION ITEMS – PROPOSED

1.	Drainage calculations	X
2.	Legal descriptions of easements, Condominium Assoc. Documents	X
3.	Community facilities impact studies (specify areas of study)	X
4.	Environmental Impact Statement (specify areas of study)	X
5.	Agreement for land conveyance to Town	X
6.	Other (specify)	—

F. APPROVALS

Required		Date of Approval
	Local Excavation Permit	
	NHDES Alteration of Terrain Permit	
	NHDES Water Resource Board Approval	
	ZBA Notices of Decisions – Variances or Special Exceptions	
	ZBA Meeting Minutes for Variances or Special Exceptions	
	Conservation Commission - Meeting Minutes	
	NHDES Dredge and Fill Approval	
	NHDES Approval for Sewage Disposal System – Design	
	NHDES Approval for Sewage Disposal System – Construction	
	NHDES Approval for Sewage Disposal System – Operation	
	NHDES Community Water Supply Approval	
	NHDES Underground Storage Tank Notification	
	Department of Transportation Permit	
	Other (specify)	

Please submit full-size six hard copies and a .pdf file of the plan set.

[redacted]

Signature of Owner of Record

4/1/21

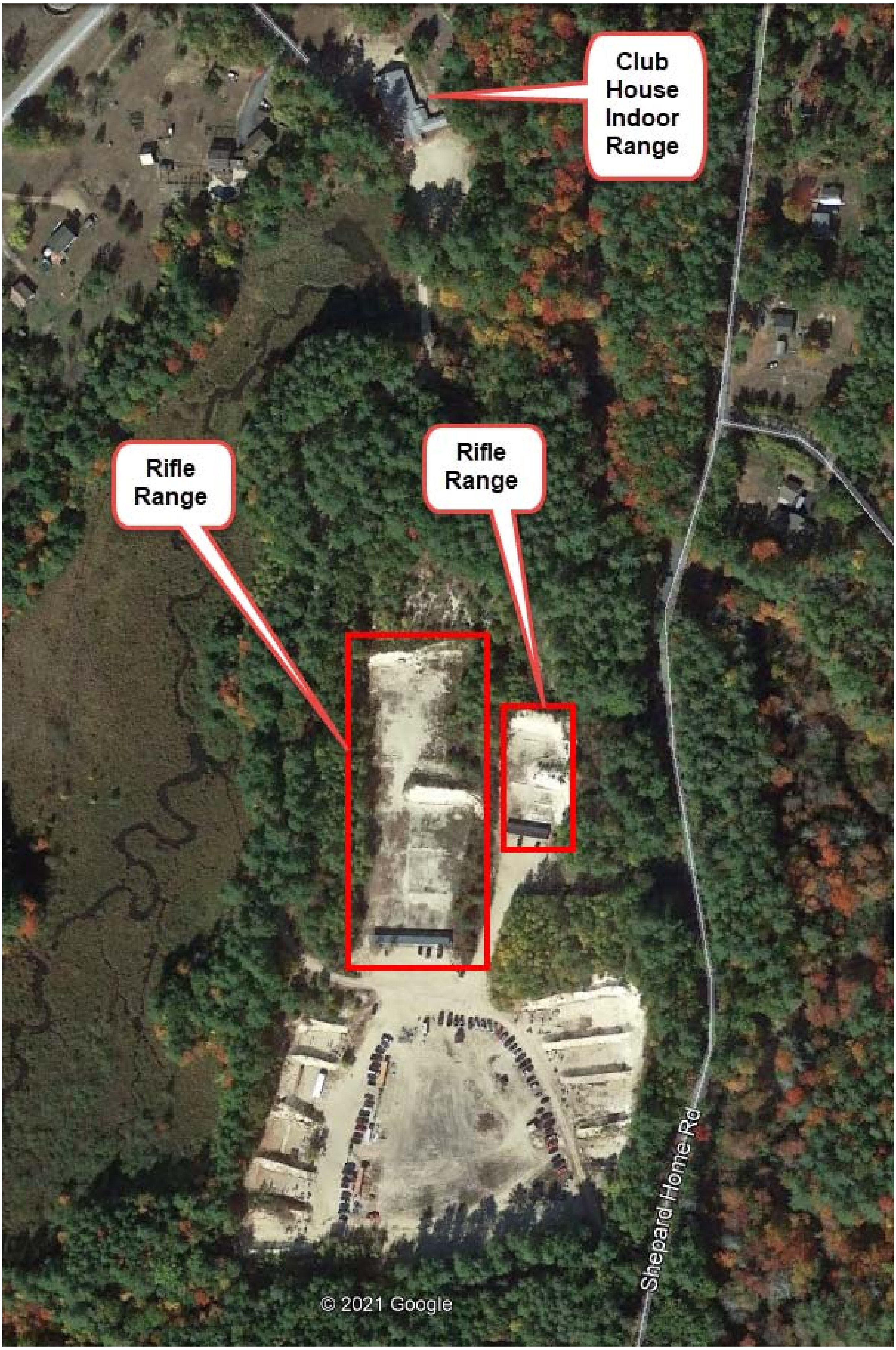
Date

Authorized Representative of Owner of Record

Date

(Revised 10/3/2018)

Chester Rod & Gun Club



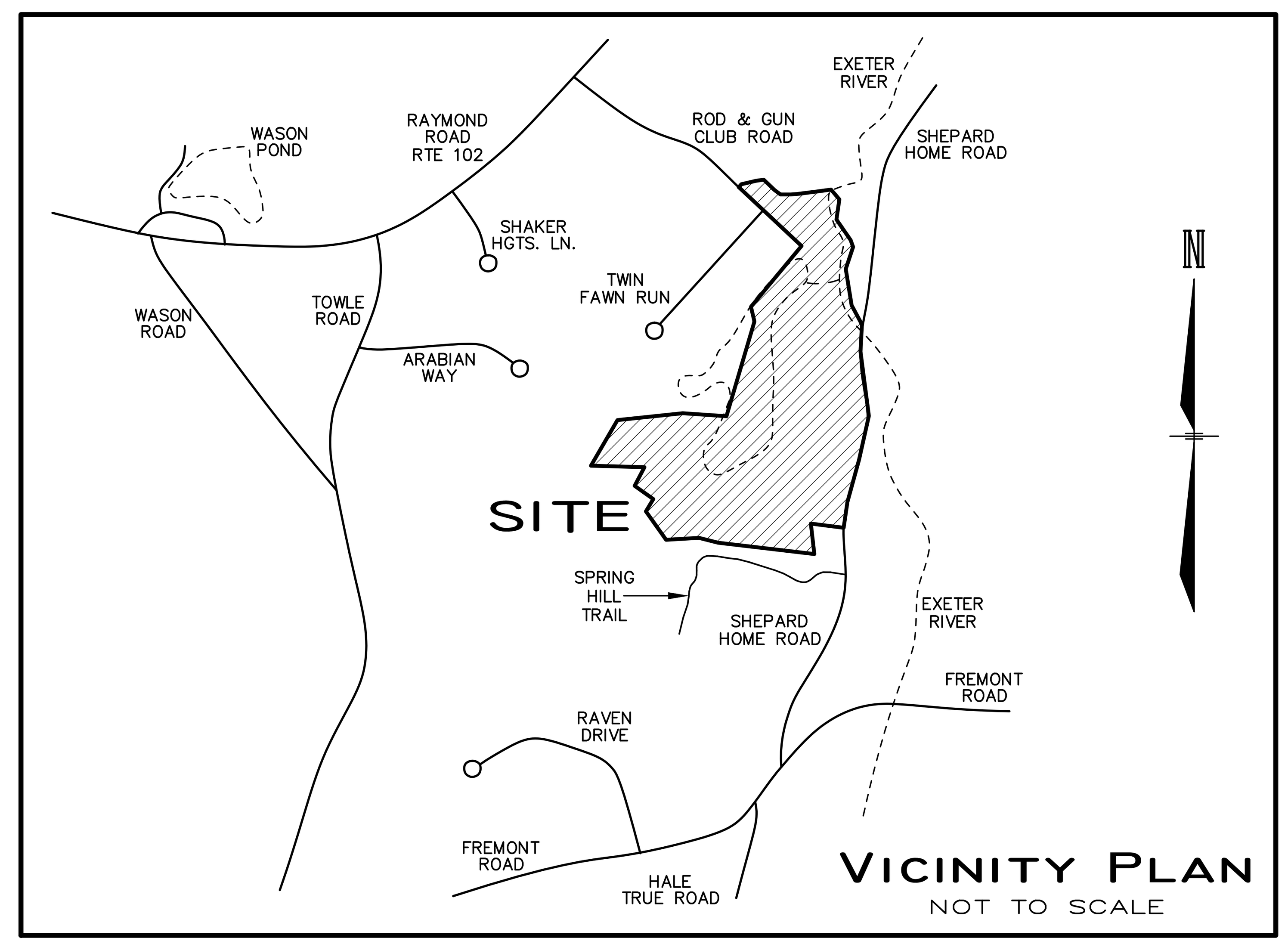
SITE DEVELOPMENT PLANS
PROPOSED FACILITY UPGRADE
"CHESTER ROD & GUN CLUB"

LOCATED AT

TAX MAP 9 LOT 70
99 ROD AND GUN CLUB ROAD
CHESTER, NEW HAMPSHIRE

SYMBOLS LEGEND

— — —	10 FT CONTOUR
- - - - -	2 FT CONTOUR
	WETLAND
—OHW—	OVERHEAD WIRES
— — —	BUILDING SETBACK LINE OR BUFFER
—//—//—	SILT FENCE OR MULCH SOCK
F204.5 x	SPOT ELEVATION
⇑	FLOW DIRECTION



VICINITY PLAN
NOT TO SCALE

LIST OF DRAWINGS

SHEET TITLE	SHEET NUMBER
COVER SHEET	1
EXISTING CONDITIONS PLANS 1"=100'	2–3
SITE PLANS 1"=60'	4–5
CONSTRUCTION DETAILS	6

NOTE:

1) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF CHESTER REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

LAND SURVEY PREPARED BY:

LAVELLE ASSOCIATES

JAMES M. LAVELLE ASSOCIATES
2 STARWOOD DRIVE
HAMPSTEAD, NH 03841
TEL. (603)329–6851
E-MAIL: INFO@JMLASURVEY.COM

CERTIFIED WETLAND SCIENTIST:

WETLAND LOCATIONS WERE PERFORMED AND/OR VERIFIED BY
FERWERDA MAPPING LLC
TIM F. FERWERDA, CWS 039
45 BARTLETT HILL ROAD
DEERING, NH. 03244

STATE OF NEW HAMPSHIRE
No. 489
JAMES M. LAVELLE
LICENSED LAND SURVEYOR

I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN REFERENCES AND AN AERIAL TOPOGRAPHIC SURVEY, GROUND VERIFIED IN THE AREAS OF NEW IMPROVEMENTS DURING 2020 AND MEETS THE MINIMUM REQUIREMENTS FOR ACCURACY AND COMPLETENESS FOR THE TOWN OF CHESTER, NH.

WETLANDS WERE VERIFIED ON THE GROUND DURING 2020 BY TIM F. FERWERDA, CWS 039, FERWERDA MAPPING LLC, 45 BARTLETT HILL ROAD DEERING, NH. 03244

STATE OF NEW HAMPSHIRE
TIMOTHY J. FERWERDA
No.039
CERTIFIED WETLAND SCIENTIST

STATE OF NEW HAMPSHIRE
WILLIAM M. GREGSAK
PROFESSIONAL ENGINEER

OWNER/APPLICANT:
CHESTER ROD & GUN CLUB
99 ROD AND GUN CLUB ROAD
CHESTER, NH 03036

811
DigSafe
MA•ME•NH•RI•VT

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN ARE APPROXIMATE. THIS ENGINEERING FIRM MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY UTILITIES WHETHER THEY BE ABOVE OR BELOW GROUND.

APPROVED BY THE CHESTER PLANNING BOARD	
CHAIRMAN	DATE
SECRETARY	DATE

REVISIONS

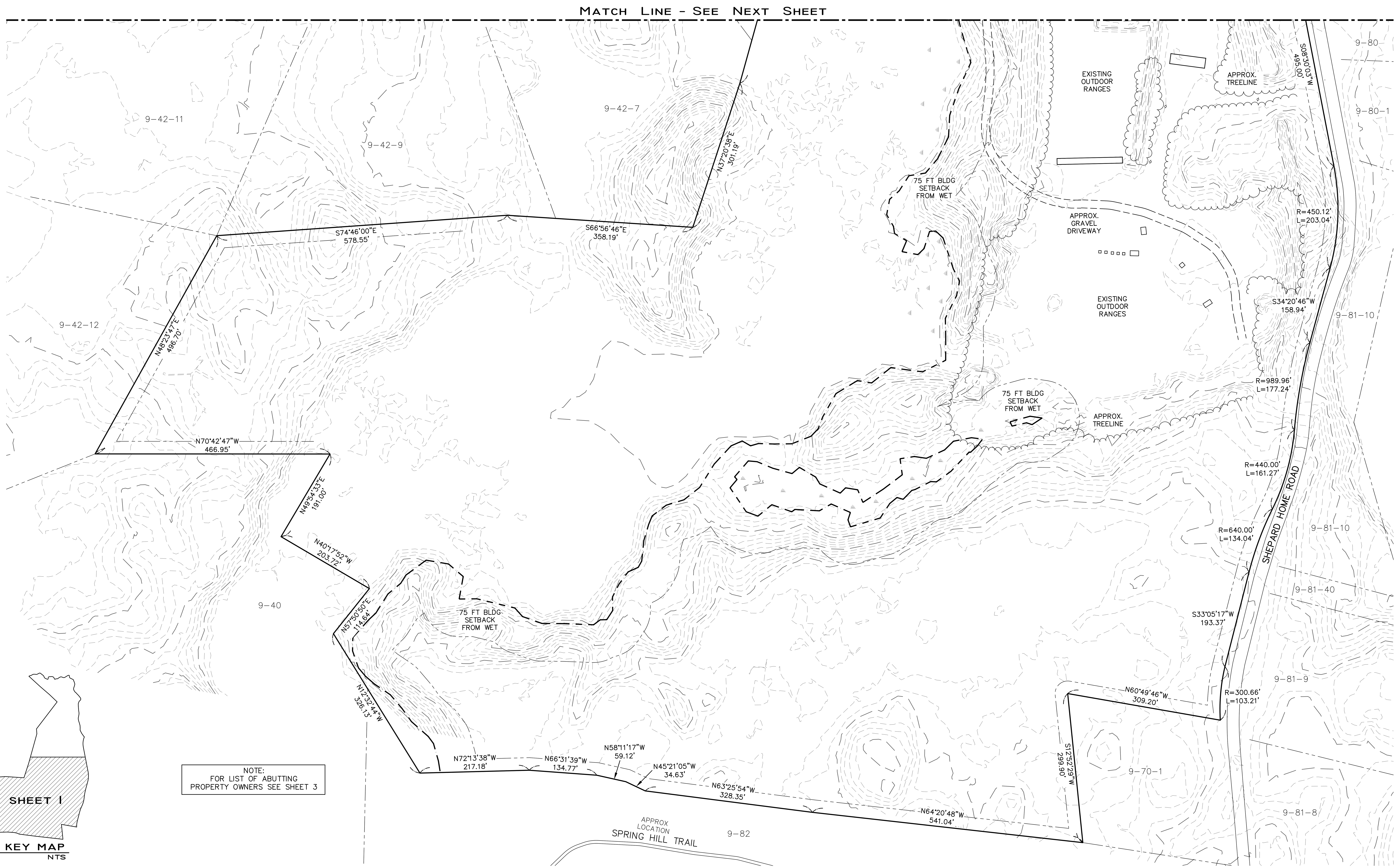
NO.	DESCRIPTION	DATE

MARCH 8, 2021

GREGSAK & SONS, INC.

ENGINEERING, ARCHITECTURE & CONSTRUCTION MANAGEMENT

P.O. BOX 271
CHESTER, NEW HAMPSHIRE 03036
PH: (603) 887–6979
WWW.GREGSAK.COM



NOTE:
FOR LIST OF ABUTTING PROPERTY OWNERS SEE SHEET 3

REVISIONS		
NO.	DESCRIPTION	DATE

EXISTING TOPOGRAPHIC PLAN

TAX MAP 9 LOT 70

CHESTER ROD & GUN CLUB

99 ROD AND GUN CLUB ROAD
CHESTER, NEW HAMPSHIRE

PREPARED FOR:
OWNER:

CHESTER ROD & GUN CLUB
99 ROD AND GUN CLUB ROAD
CHESTER, NH 03036

PREPARED BY DESIGN ENGINEER
GREGSAK & SONS, INC.
ENGINEERING, ARCHITECTURE & CONSTRUCTION MANAGEMENT
P.O. BOX 271
CHESTER, NEW HAMPSHIRE 03036
PH: (603) 887-6979
WWW.GREGSAK.COM

REGISTRATION
STATE OF NEW HAMPSHIRE
WILLIAM M. GREGSAK

JAN. 15, 2021

SCALE
50 0 100
1"=100'
SHEET 2 OF 6
JOB # 2617

KEY MAP
NTS

List of Abutters

OWNER
MAP 9 LOT 70
Chester Rod and Gun Club
99 Rod and Gun Club Road
Chester, NH 03036

MAP 9 LOT 69
Patrick Floyd
Kelly Floyd
67 Rod and Gun Club Road
Chester, NH 03036

MAP 9 LOT 40
MAP 9 LOT 79
MAP 9 LOT 80
MAP 9 LOT 80-1
MAP 9 LOT 81-40
MAP 9 LOT 82
Town of Chester
84 Chester Street
Chester, NH 03036

MAP 9 LOT 42-1
Kristen Venner (Trustee)
86 Rod and Gun Club Road
Chester, NH 03036

MAP 9 LOT 42-3
Glenn Brann
Michele Troisi
17 Twin Fawn Run
Chester, NH 03036

MAP 9 LOT 42-5
John Fitzgerald
Yoshiko Fitzgerald
33 Twin Fawn Run
Chester, NH 03036

MAP 9 LOT 42-7
Baron Richardson
Mary Richardson
45 Twin Farm Run
Chester, NH 03036

MAP 9 LOT 42-9
Brent M. Richardson
Susan L. Richardson
59 Twin Farm Run
Chester, NH 03036

MAP 9 LOT 42-11
Garry Cormier
Deborah Cormier
64 Twin Farm Run
Chester, NH 03036

MAP 9 LOT 42-12
Philip J. Carney Jr.
Robin M. Carney
60 Arabian Way
Chester, NH 03036

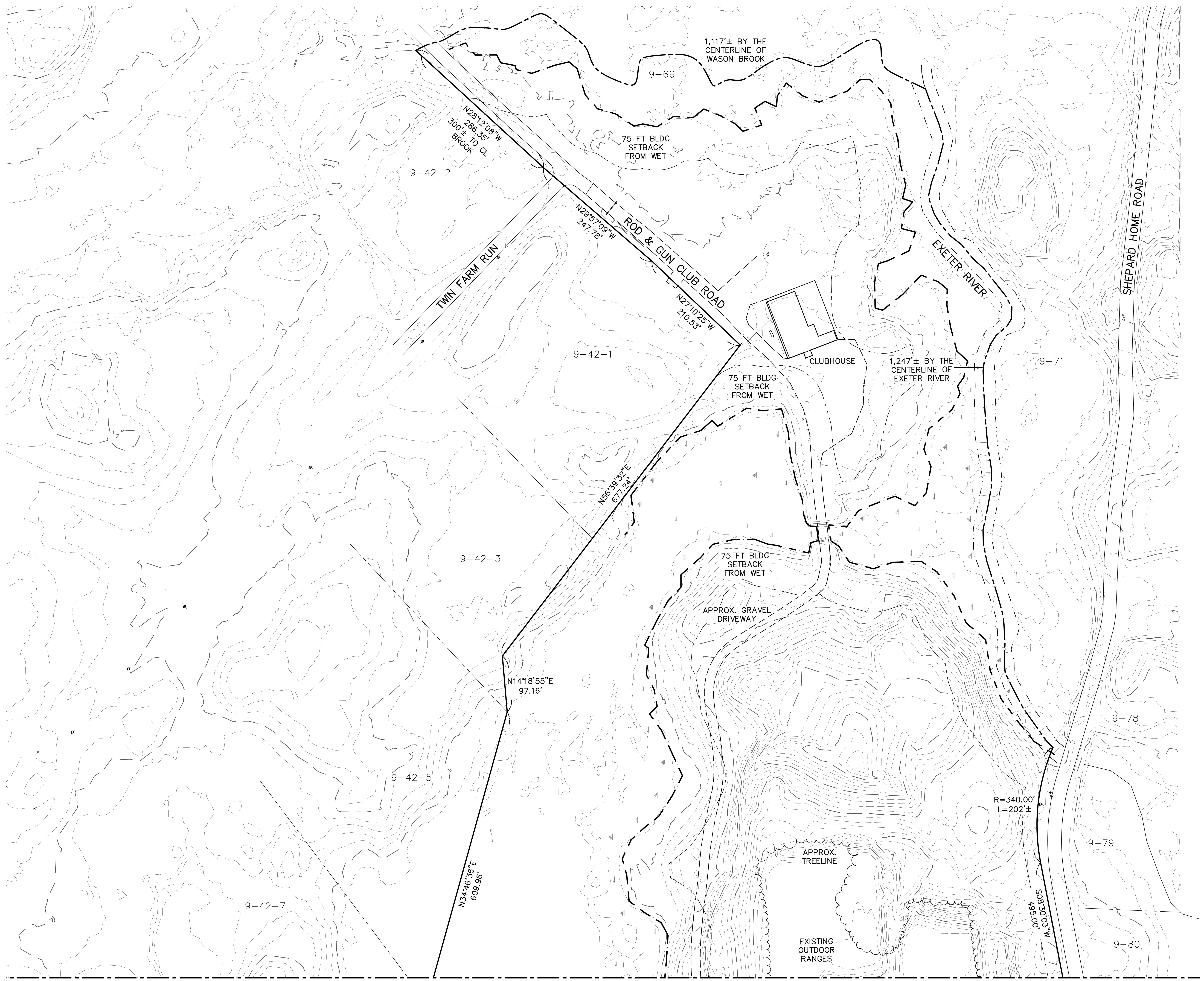
MAP 9 LOT 70-1
Luann St. Onge
202 Shepard Home Road
Chester, NH 03036

MAP 9 LOT 71
Arnold Johnston
Janet Johnston
94 Shepard Home Road
Chester, NH 03036

MAP 9 LOT 78
Michele Crook
William Annis
149 Pheasant Run Drive
Chester, NH 03036

MAP 9 LOT 81-9
Michael Costa
Eileen Costa
199 Shepard Home Road
Chester, NH 03036

MAP 9 LOT 81-10
Timothy Norris
187 Shepard Home Road
Chester, NH 03036



MATCH LINE - SEE PREVIOUS SHEET

REVISIONS		
NO.	DESCRIPTION	DATE

EXISTING TOPOGRAPHIC PLAN

TAX MAP 9 LOT 70

CHESTER ROD & GUN CLUB

99 ROD AND GUN CLUB ROAD
CHESTER, NEW HAMPSHIRE

PREPARED FOR:
OWNER:

CHESTER ROD & GUN CLUB
99 ROD AND GUN CLUB ROAD
CHESTER, NH 03036

PREPARED BY DESIGN ENGINEER

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REGISTRATION

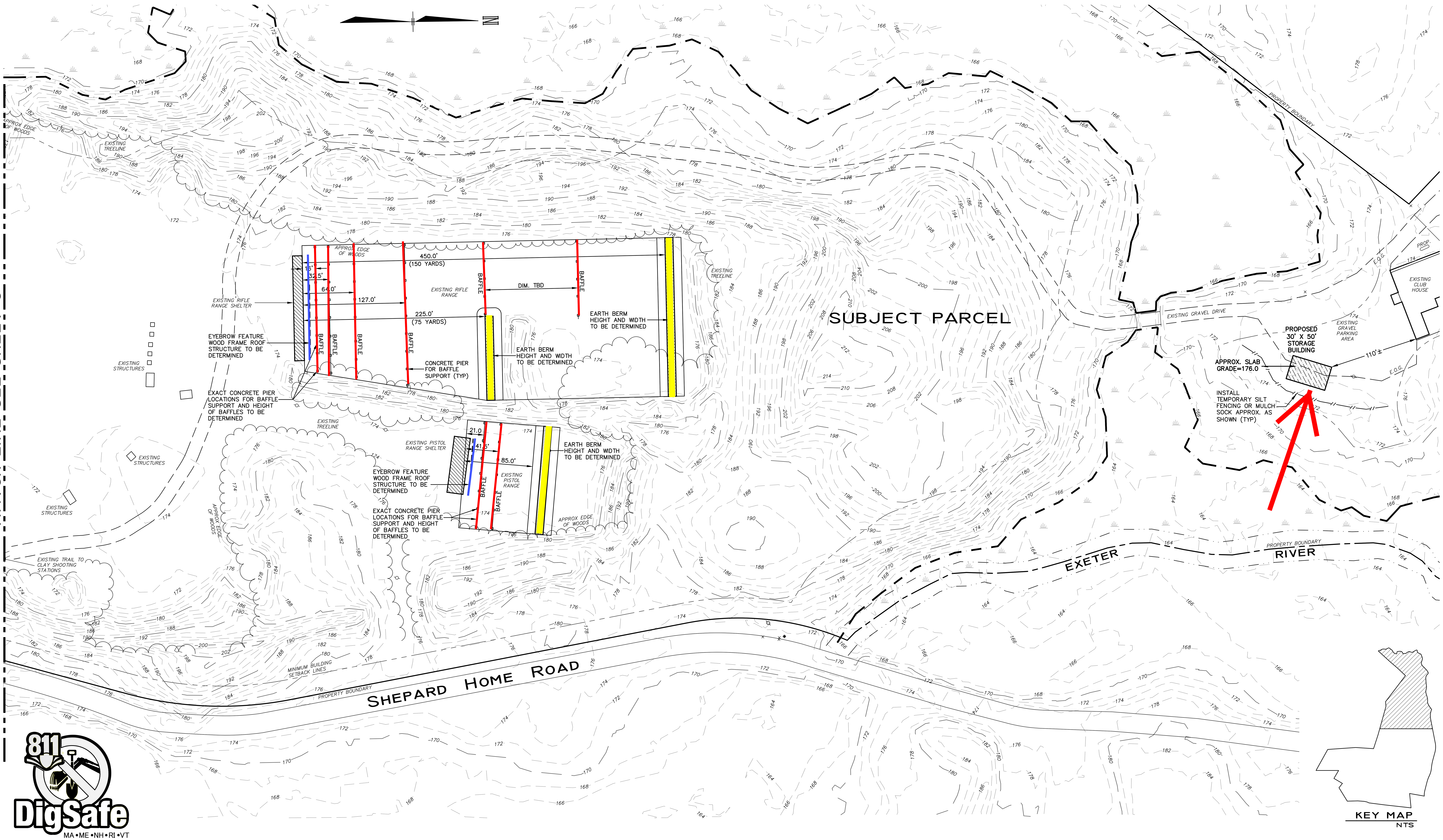
STATE OF NEW HAMPSHIRE
WILLIAM M. GREGSAK

JAN. 15, 2021

SCALE
50 0 100
1"=100'

SHEET 3 OF 6

JOB # 2617



REVISIONS		
NO.	DESCRIPTION	DATE

PROPOSED FACILITY UPGRADE

TAX MAP 9 LOT 70

CHESTER ROD & GUN CLUB

99 ROD AND GUN CLUB ROAD
CHESTER, NEW HAMPSHIRE

PREPARED FOR:
OWNER:
CHESTER ROD & GUN CLUB
99 ROD AND GUN CLUB ROAD
CHESTER, NH 03036

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STATE OF NEW HAMPSHIRE
WILLIAM M. GREGSAK

JAN. 15, 2021

SCALE
1"=60'

SHEET 4 OF 6

JOB # 2617

REVISIONS		
NO.	DESCRIPTION	DATE

PROPOSED FACILITY UPGRADE

TAX MAP 9 LOT 70

Chester Rod & Gun Club

99 Rod and Gun Club Road

Chester, New Hampshire

PREPARED FOR:
OWNER:

CHESTER ROD & GUN CLUB
99 ROD AND GUN CLUB ROAD
CHESTER, NH 03036

PREPARED BY DESIGN ENGINEER

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REGISTRATION

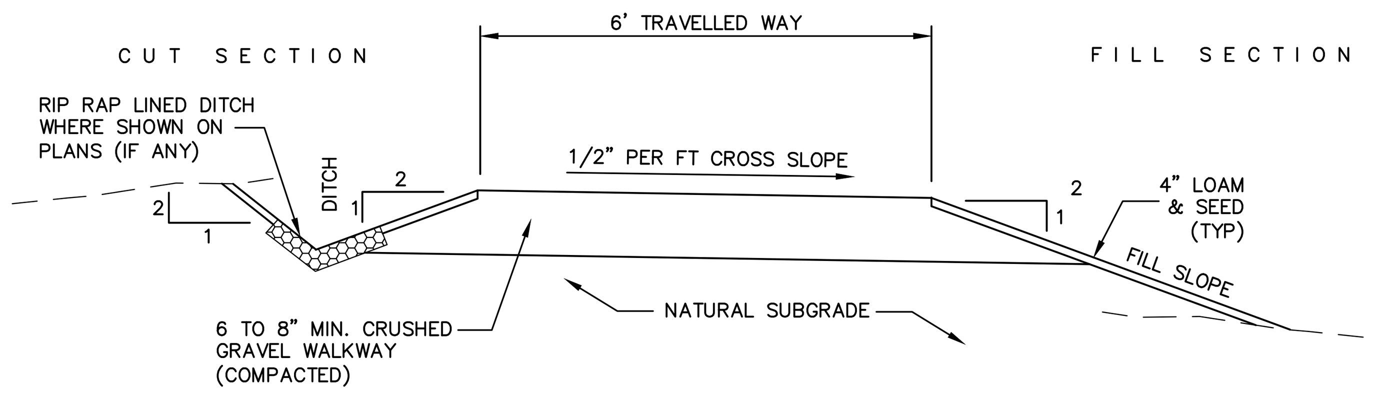
STATE OF NEW HAMPSHIRE
WILLIAM M. GREGSAK

JAN. 15, 2021

SCALE
30 0 60
1"=60'

SHEET 5 OF 6

JOB # 2617

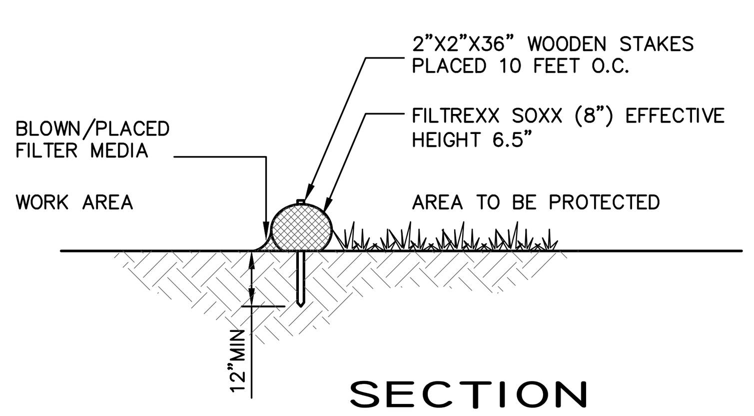


NOTE:
1) EXAMPLE IS SHOWN AS A SLOPING RIGHT PATHWAY OPTION. THE OWNER MAY CHOOSE TO USE A SLOPING LEFT OPTION AS EXISTING GRADES PERMIT.

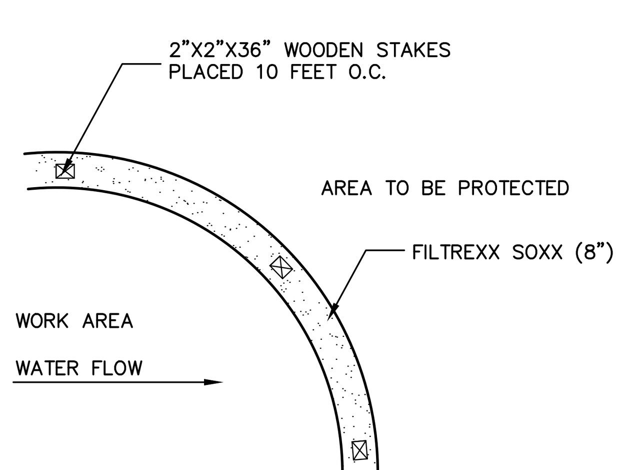
2) THE INTENT IS THAT THE PATHWAY FOLLOW EXISTING GROUND GRADE AS CLOSELY AS POSSIBLE SLIGHTLY ABOVE EXISTING GRADE BY APPROXIMATELY 3 TO 4 INCHES FOR SUFFICIENT WATER RUN-OFF.

TYPICAL PATHWAY SECTION

NOT TO SCALE



SECTION



PLAN

NOTE

1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS
2. FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON-SITE, AS DETERMINED BY THE ENGINEER
4. MAXIMUM SLOPE LENGTH ABOVE THE FILTREXX SOXX IS 200 FEET FOR A 10% SLOPE, 140 FEET FOR A 15% SLOPE, 100 FEET FOR A 20% SLOPE, 80 FEET FOR A 25% SLOPE.
5. CONTRACTOR IS TO BE FILTREXX CERTIFIED AS DETERMINED BY MANUFACTURER.
6. STAKES SHALL BE INSTALLED THROUGHT THE MIDDLE OF THE SOXX ON 10 FOOT CENTERS.
7. SEDIMENT CONTROL SHOULD BE PLACED NEAR PARALLEL TO THE BASE OF THE SLOPE AS SHOWN ON THE PLANS.
8. LOOSE COMPOST MAY BE BACKFILLED ALONG THE UPSLOPE SIDE OF THE SOXX, FILLING THE SEAM BETWEEN THE SOIL AND THE DEVICE.
9. IF THE "FILTREXX SOXX" IS TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE, IT MAY BE SEEDED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.

MAINTENANCE

1. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT CONTROL IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
2. IF DAMAGED, IT SHALL BE REPAIRED OR A SECTION REPLACED IF BEYOND REPAIR.
3. THE CONTRACTOR SHALL REMOVE SEDIMENT AT THE BASE OF THE UPSLOPE SIDE OF THE SEDIMENT CONTROL WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE CONTROL OR 3.25 INCHES (FOR AN 8 INCH SOXX THE EFFECTIVE HEIGHT IS 6.5 INCHES).
4. SEDIMENT CONTROL SHALL BE MAINTAINED UNTIL THE DISTURBED AREA ABOVE THE DEVICE HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED IN THAT AREA.
5. THE FILTER MEDIA MAY BE DISPERSED ON SITE ONCE THE AREA HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED IN THAT AREA.

'FILTREXX' SEDIMENT CONTROL DETAIL ("SOXX")

NOT TO SCALE

GENERAL NOTES:

1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
2. IF, DURING CONSTRUCTION IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR, DEVELOPER OR OWNER ARE RESPONSIBLE TO DOCUMENT THE APPARENT DEFICIENCIES AND NOTIFY THE DESIGN ENGINEER PRIOR TO CONTINUING CONSTRUCTION ACTIVITIES. THE DESIGN ENGINEER, IN COOPERATION WITH THE CONTRACTOR, DEVELOPER OR OWNER WILL RESOLVE THE APPARENT DEFICIENCIES TO MEET APPLICABLE TOWN REGULATIONS.
3. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED, THE CONTRACTOR, DEVELOPER OR OWNER SHALL BE REQUIRED TO INSTALL ADDITIONAL EROSION PROTECTION MEASURES.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO VERIFY THE LOCATION OF ALL UTILITIES OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR. (DIG SAFE NUMBER PROVIDED ON SHEET 1)
5. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AT ALL TIMES.
6. NO EXCAVATED AREA SHALL BE LEFT UNATTENDED AND SHALL BE THOROUGHLY SECURED ON A DAILY BASIS.
7. THE PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENT AND INTENT OF RSA 430:53 AND CHAPTER Agr 3800 RELATIVE TO INVASIVE SPECIES.
8. THE LIMITS OF DISTURBANCE FOR THIS PROJECT IS MINIMAL AND APPROXIMATELY 24,000 SF, THEREFORE AN EPA NOTICE OF INTENT OR SWPPP IS NOT REQUIRED.

EROSION CONTROL NOTES

ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (EPA, NHDES AND TOWN REGULATIONS). THE GENERAL NOTES AND DETAILS CONTAINED IN THIS PLAN SERVE AS A GUIDE ONLY.

1. PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS. INSTALLATION OF STRAWBALE BARRIERS AND SILTATION FENCES SHALL BE COMPLETED PRIOR TO THE START OF SITE WORK IN ANY SPECIFIC AREA. PREFABRICATED SILTATION FENCES AND SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

2. STRAWBALE BARRIERS AND SILTATION FENCES SHALL BE KEPT CLEAN DURING CONSTRUCTION AND REMOVED WHEN ALL SLOPES HAVE A HEALTHY STAND OF VEGETATIVE COVER. EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES

3. EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.

4. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED. ALL ROADWAYS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE. CUT AND FILL SLOPES SHALL BE LOAMED & SEEDED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE.

AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURED:
a. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED
b. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED
c. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED
d. OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED

TIME LIMIT: ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

5. ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" OF LOAM INSTALLED WITH NOT LESS THAN 1.1 POUNDS OF SEED MIX PER 1,000 SQ. FT. SEE SEEDING SPECIFICATIONS ON THIS SHEET

6. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS. PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.

7. STRAW MULCH OR JUTE MATTING SHALL BE USED IF/WHERE INDICATED ON THE PLANS. A MINIMUM OF 1.5 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

8. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS AREA NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS.

9. TO CONTROL DUST DURING CONSTRUCTION, WATER DISTRIBUTION SHALL BE USED.

10. TEMPORARY SEDIMENT TRAPS AND/OR BASINS ARE TO BE USED AS NECESSARY TO CONTAIN RUNOFF UNTIL SOILS ARE STABILIZED. SEE DETAIL.

SEEDING SPECIFICATIONS

MIXTURE	POUNDS/ACRE	POUNDS/1,000 SF
TALL FESCUE	20	0.45
CREEPING RED FESCUE	20	0.45
BIRDSFOOT TREFOIL	8	0.20
TOTAL	48	1.10

1. SEEDBED PREPARATION
   A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.

   B. STONES LARGER THAN FOUR INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT FOUR INCHES TO PREPARE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

2. ESTABLISHING A STAND
   A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:

   - AGRICULTURAL LIMESTONE: 2 TONS PER ACRE OR 0.09 LBS. PER SQ. FT.
   - NITROGEN (N): 50 LBS. PER ACRE OR 1.1 LBS. PER 1000 SQ. FT.
   - PHOSPHATE (P_2O_5): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.
   - POTASH (K_2O): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.

   (NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5-10-10)

   B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING, AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH 0.25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.

   C. REFER TO TABLE 7-35 OF "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE", FOR APPROPRIATE SEED MIXTURES AND TABLE 7-36 FOR RATES OF SEEDING. ALL LEGUMES (CROWNVETCH, BIRDSFOOT TREFOIL, AND FLATPEA), MUST BE INOCULATED WITH THEIR SPECIFIC INNOCULANT.

   D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.

3. MULCH
   A. STRAW, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.

   B. MULCH WILL BE HELD IN PLACE USING TECHNIQUES FROM THE "BEST MANAGEMENT PRACTICE FORMULCHING", AS SHOWN IN, "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE".

4. MAINTENANCE TO ESTABLISH A STAND
   A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.

   B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.

   C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

REVISIONS

NO.	DESCRIPTION	DATE

CONSTRUCTION DETAILS

TAX MAP 9 LOT 70

CHESTER ROD & GUN CLUB
99 ROD AND GUN CLUB ROAD
CHESTER, NEW HAMPSHIRE

PREPARED FOR:
OWNER:

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99 ROD AND GUN CLUB ROAD
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PREPARED BY DESIGN ENGINEER

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REGISTRATION

STATE OF NEW HAMPSHIRE
WILLIAM M. GREGSAK

MARCH 8, 2021

SCALE AS NOTED

SHEET 6 OF 6

JOB # 2617