

TOWNOFMILFORD,NH OFFICEOFCOMMUNITYDEVELOPMENT

TEL: (603)249-0620

1 UNION SQUARE, MILFORD, NH 03055

WEB: WWW.MILFORD.NH.GOV

STAFF MEMORANDUM

Date:	October 7, 2019
То:	Planning Board
From:	Kellie Shamel, Town Planner
Subject:	Leighton A. White, Inc. (applicant) and Spring Creek Sand & Gravel, LLC (owner) – Review for acceptance and consideration of final approval for a major site plan for the expansion of an existing sand and gravel operation (Spring Creek) along with associated site improvements. The parcel is located at 0 Mile Slip Road in the Residence R District. Tax Map 50, Lot 4-4.

BACKGROUND/PROPOSAL:

The applicant is presenting a formal application to the Planning Board for a major site plan application for the expansion of an existing sand and gravel operation. The expansion is proposed on Map 50, Lot 4-4 which is over 41.5 acres. The existing operation (Spring Creek) is situated mostly on the adjacent Map 45, Lot 11, which is 390 acres. The proposed expanded area, south of the existing excavation, will add approximately 10 acres to the total earth excavation area.

The applicant has also been granted a Special Exception from the ZBA to permit the processing of natural resources on the subject property in association with the earth and gravel removal operation.

This will be the first public hearing for the project. Attached please find is the gravel removal plan for the proposed site improvements.

EXISTING USE/CONDITIONS:

Tax Map 50, Lot 4-4 is located at 0 Mile Slip Road in the Residential R zoning district. The subject property is approximately 41.5 acres in size and is abutted residential properties.

LOT AREA:

Map 50 Lot 4-4 = ±41.592 acres (1,113,282 SF)

APPLICATION STATUS:

The application is complete and ready to be accepted. The Board will need to make a determination of regional impact.

NOTICES:

Notices were sent to all property abutters on October 4, 2019.

WAIVERS:

The applicant has submitted a waiver request from the Milford Gravel and Earth Removal Regulations, Article VIII: Operational Standards, paragraph 1.

Staff recommends that the Board vote with respect to any waivers utilizing the criteria from RSA 674:44:

- Strict conformity would pose an unnecessary hardship to the applicant and the waiver would not be contrary to the spirit and intent of the regulations; **or**
- Specific circumstances relative to the subdivision, or conditions of the land in such subdivision, indicate that the waiver will properly carry out the spirit and intent of the regulations.

ZONING DISTRICTS:

The subject property lies within the Residential R District. The intent of the Residence "R" District is to provide for low- density residential and agricultural land uses, and other compatible land uses, that are sensitive to the rural character and environmental constraints existing in the district.

TRAFFIC AND ACCESS MANAGEMENT:

Access to the existing operation is from Mason road. The proposed expansion will utilize the same access and gravel driveway.

DRAINAGE/STORMWATER MANAGEMENT:

See attached comments from KV Partners.

INTERDEPARTMENTAL REVIEWS:

Ambulance: No comments.

Assessing:

- 1. Please confirm that the all portions of the original gravel operation on Map 45-11 have been reclaimed.
- 2. There is already an active gravel operation (an existing expansion from 45-11) on map 50-4-4, that has been in operation for many years. Please confirm how many acres are still active, and how many have been reclaimed to date.
- 3. Should the currently active area on Map 50-4-4 be considered Phase 1 since it exists, making this new expansion Phases 2 & 3?
- 4. It appears that all of the affected area associated with this new expansion plan is part of a 16.32 area of land that was added to 50-4-4 by lot line adjustment outlined in HCRD plan # 38949 in 2016. This area is in Current Use. Any active area will need to be removed from Current Use.
- 5. P 1of 4 General Notes#17 states the disturbed area will not exceed 10 acres, and the expected amount of materials within this expansion is 610,000 cy. The documents provided indicate this excavation will be completed in 2 phases and expecting a 10 year time frame to completion. I would like to see the breakdown of area and expected materials per phase if possible.

Building Department: No comments.

Code Enforcement/ Health: No Comments.

Conservation Commission: Comments will be provided by October 11th and attached once received.

Heritage Commission: Comments will be provided by October 11th and attached once received.

Fire Department: No comments.

Police Department: No comments.

Public Works: No comments.

Water/Sewer Utilities: No comments.

Community Development / Planning:

- 1) Sheet 1, General Note 12. Please revise to include RSA 155-E Permit, Milford Gravel Removal Permit, Milford Site Plan approval, Milford Stormwater Management Permit, any waiver requests and Special Exception granted 10/3/19.
- 2) General comment. Has NH Fish & Game provided any comment regarding additional requirements/recommendations for this project?
- 3) Sheet 2. Please provide test pit data logs for all test pits.
- 4) Sheet 2 shows Phase I and Phase II. Please explain the details and timeline for each phase and revise

the notes to reference the anticipated phases for the operation.

5) Gravel and Earth Removal Regulations, Section B. Bonding. Pursuant to said section, the bond amount to cover reclamation of the site shall be \$7,500/per acre x 10.4 acres (total site disturbance) = \$78,000

STAFF RECOMMENDATIONS:

The applicant should be prepared to address all of the comments raised by the Planning Board, Conservation Commission, Town Consultants, Staff, and public pertaining to the Site Plan Final Design and revise the plans/information accordingly. The Board will need to vote on regional impact, the requested waiver, and the application. If the Board is satisfied with the information/responses from the applicant and finds that the remaining concerns can be addressed with staff, staff would recommend a conditional approval.



KVPartners LLC_

P.O. Box 432, New Boston, NH 03070

(603) 413-6650

October 8, 2019

Kellie Shamel, Town Planner Town of Milford Community Development 1 Union Square Milford NH 03055

Re: Spring Creek Sand and Gravel (Tax Map 50, Lot 4-4) – Excavation Plan Review

Dear Ms. Shamel:

We reviewed the 6-sheet plan set dated September 16, 2019 and the Stormwater Pollution Prevention Plan (SWPPP) dated September 12, 2019 both prepared by Granite Engineering, LLC in accordance with our agreement with the Town. Based on that review, we offer the following comments:

- No test pits or borings were completed to establish the Seasonal High-Water Table (SHWT) as required by the Regulations to determine the bottom of the excavation. Instead it is proposed that excavation on nearby areas be used as a guide for determining water table elevations at this location. While that assumption may be accurate, there is no guarantee that it will be. Accordingly, if the bottom of the excavation must be adjusted up, the grading will need to be modified and the plans revised to ensure that the bottom of the excavation is 3' from the SHWT. If the Planning Board elects to accept this assumption a Waiver to the Regulations (Appendix 3.k) will be required.
- 2. All proposed runoff from the site will be directed to the proposed excavation bottom and infiltrated. Accordingly, no pre vs. post runoff calculations are required.
- 3. Considering this site is on a hillside that slopes down to a nearby wetlands, approximate interim grading for Phase 1 that includes erosion controls (i.e. sedimentation basins, diversion swales, etc.) should be added to the plan set.

If you have any questions or need any additional information, please feel free to contact me at 603-413-6650 or on my cell phone at 603-731-1562 or by email at <u>MVignale@kvpllc.com</u>.

Sincerely, **KV** *Partners LLC*

Michael S. Vignale, P.E. Principal Engineer



Spring Creek Sand & Gravel Map 50; Lot 4-4 Mile Slip Road

Project Narrative

The applicant, Leighton A. White, Inc., and the property owner Spring Creek Sand & Gravel, LLC, proposes an expansion at the existing Spring Creek Sand & Gravel (Spring Creek). Spring Creek has operated an earth excavation and processing business at the Milford location for many years. The expansion is proposed on Map 50; Lot 4-4, which is over 41.5 acres in area. Spring Creek, however, is situated mostly on adjacent Map 45; Lot 11, which is nearly 390 acres in area. Both lots are situated in the Residence 'R' zoning district. Access to the existing operation is from Mason Road. The proposed expansion will utilize the same access and gravel driveway. The property owner permitted a subdivision and lot line relocation in 2016 which added approximately 16 acres to Lot 4-4, inclusive of the area proposed for additional excavation. The expanded area, south of the existing excavation, will add approximately 10 acres to the total earth excavation area.

Leighton A. White, Inc. has operated a successful full-service site work company in the Town of Milford since 1978 and is partnering with Spring Creek to expand its operations in Milford. Processing of the excavated materials (crushing, screening, sorting, and stockpiling) to create marketable construction materials will occur onsite. Several weeks ago the applicant submitted an application for Special Exception to the Milford Zoning Board of Adjustment to allow material processing. The applicant, if approved, would rent the processing equipment on a monthly basis, processing the native materials over the course of several days. Once adequate stockpiles are created, the rented equipment will be returned. Material processing is only expected to occur approximately 25% of the time. Given the size of the parcel (over 430 acres in total), the earth excavation and processing is remotely situated and is not expected to cause any increased nuisance noise for surrounding neighbors. Nuisance dust is controlled onsite today by applying water to the surface during dry conditions. This Best Management Practice will continue.

The applicant's engineer has developed Excavation and Reclamation Plans for the expanded area. Stormwater is controlled by benching the excavated slopes, directing surface water into the pit, and retaining all runoff on-site. Appropriate erosion and sediment controls are planned along with long term soil stabilization as part of the reclamation plan for the property. As part of the application to the Milford Planning Board for Site Plan Approval, the applicant is seeking a Stormwater Management Permit from the Town of Milford, and an Alteration of Terrain Permit from the New Hampshire Department of Environmental Services. Additionally, the applicant will file a USEPA Notice of Intent as part of the Construction General Permit, which requires preparation and maintenance of a Stormwater Pollution Prevention Plan. A copy of this plan will be provided to the Town.



Waiver Request Form

Department of Planning and Community Development

Name of Project Spring Creek Sand & Gravel

Applicant Leighton A. White, Inc.

Date _9/12/19

When a proposed subdivision plat or site plan is submitted for approval, the applicant may request in writing to waive specific requirements of these Regulations as they pertain to the subdivision or site plan. The applicant shall present reasons in writing why the waiver is needed by the application deadline for a regularly scheduled Planning Board meeting. The Board's publicly notice agenda for the particular meeting shall clearly indicate that a waiver request has been received, a copy of which is available at the planning office, and that the waiver request will be considered at the meeting.

Abutter notification is required for all waiver requests.

The Planning Board may grant a waiver in a special case, so that justice may be done and the public interest secured, provided that such waiver will not have the effect of nullifying the intent and purposes of these Regulations, the Zoning Ordinance or the Master Plan. The Planning Board shall not approve waivers unless it shall make findings based upon the evidence presented to it in each specific case.

All approved waivers shall be noted on the plans, indicating the paragraphs waived and a general description of the waivers.

Gravel and Earth	Rem	oval		
Subdivision or Site				
-Plan Regulation			Request and Ratio	onale
Section Number				
1 VIII. 1.				
1	See	attached	supplemental	information
-				

Subdivision or Site Plan Regulation Section Number	Request and Rationale
3	
4	
5	
6	

Please feel free to attach any other information as necessary.

Pros. LT Tole

Signature of Applicant

13/19

Date



Major Site Plan Application Leighton A. White

Waiver Request Supplement

The applicant, Leighton A. White, Inc., requests a waiver from the Milford Gravel and Earth Removal Regulations, Article VIII: Operational Standards, paragraph 1, which states that no operation of the gravel and earth removal business shall operate outside the hours of 7am to 5pm, Monday through Friday. The applicant requests that the Planning Board relax the requirement to allow operations onsite between the hours of 6am and 7pm, Monday through Friday and 7am-12 noon on select Saturdays when work orders exceed weekday production.

Leighton A. White has operated a full-service site work company in the Town of Milford since 1978. Additionally, the applicant operates similar excavation operations in Milford and Wilton. The hours of operation are critical to meeting the demands of customers during peak construction, and their reputation precedes them. As depicted in the Excavation and Reclamation Plans for the expansion at Spring Creek Sand & Gravel, the excavation is remotely situated within a large tract of undeveloped land. Substantial wooded buffers surround the excavation on all sides, eliminating the concern of nuisance noise for adjacent properties, which is the purpose of the regulated hours of operation.

Given the short construction season in New Hampshire, site work contractors traditionally work long hours during the spring, summer, and fall months because they are forced to shut down for the long winter. The demand for construction materials during those same periods requires increased work hours at the gravel pits as well. The strict application of these regulations would result in exceptional practical difficulties and undue hardship upon the applicant because they would not be able to keep up with the demand of their customers thereby losing business to competitors. Further, pursuant to Article VIII, "Other hours may be required <u>or permitted</u> which are compatible with neighboring conditions." Given the remote location of the excavation and the substantial wooded buffers surrounding it, the applicant asserts that longer hours of operation in this particular instance are compatible with neighboring conditions, and kindly requests the Board's consideration.





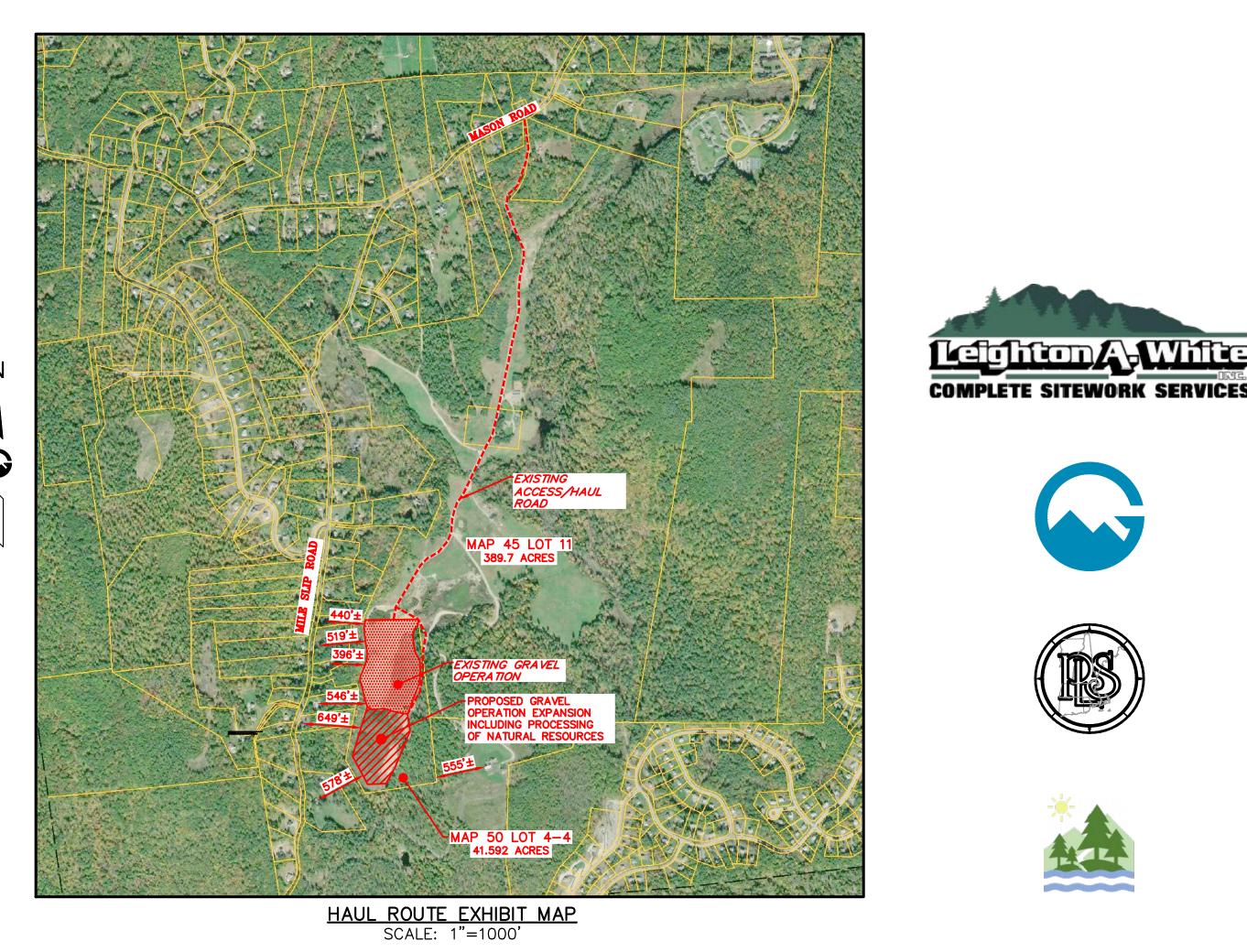




P	LANNING	BOARD	APPROVAL	BLOCK
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		CHAI	RMAN	
		DA	TE	
		27.		
_				
		APPROVA	L NUMBER	
		DA	TE	

SHEET NO.	INDEX OF PLANS
1	OVERVIEW PLAN
2	EXCAVATION & RECLAMATION PLAN
3-4	CONSTRUCTION DETAILS

GRAVEL AND EARTH REMOVAL PLAN SPRING CREEK SAND & GRAVEL TAX MAP 50 LOT 4-4 MILE SLIP ROAD MILFORD, NEW HAMPSHIRE



GRANITE

ENGINEERING

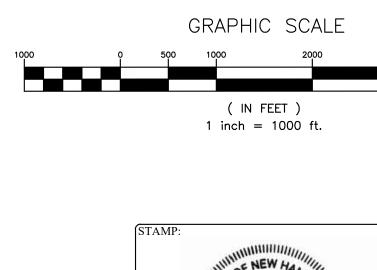
civil engineering • land planning • municipal services

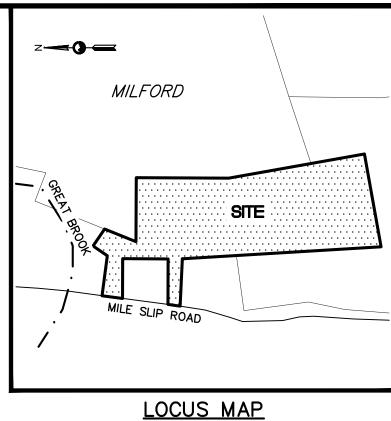
Manchester, New Hampshire 031

603.518.8030

www.GraniteEng.com

nmercial Street, Suite 30





LOCUS MAP SCALE: ±1"=1000'

OWNER:

SPRING CREEK SAND AND GRAVEL, LLC 320 MILE SLIP ROAD MILFORD, NH 03055-3310

APPLICANT:



LEIGHTON A. WHITE, INC. 138 ELM STREET MILFORD, NH (603) 673-2294

CIVIL ENGINEER:

GRANITE ENGINEERING, LLC 250 COMMERCIAL STREET, STE 3008 MANCHESTER, NH 03101 (603) 518-8030

SURVEYOR:

PROMISED LAND SURVEY, LLC 60 CRYSTAL AVE DERRY, NH 03038 (603) 432-2112

WETLAND SCIENTIST:

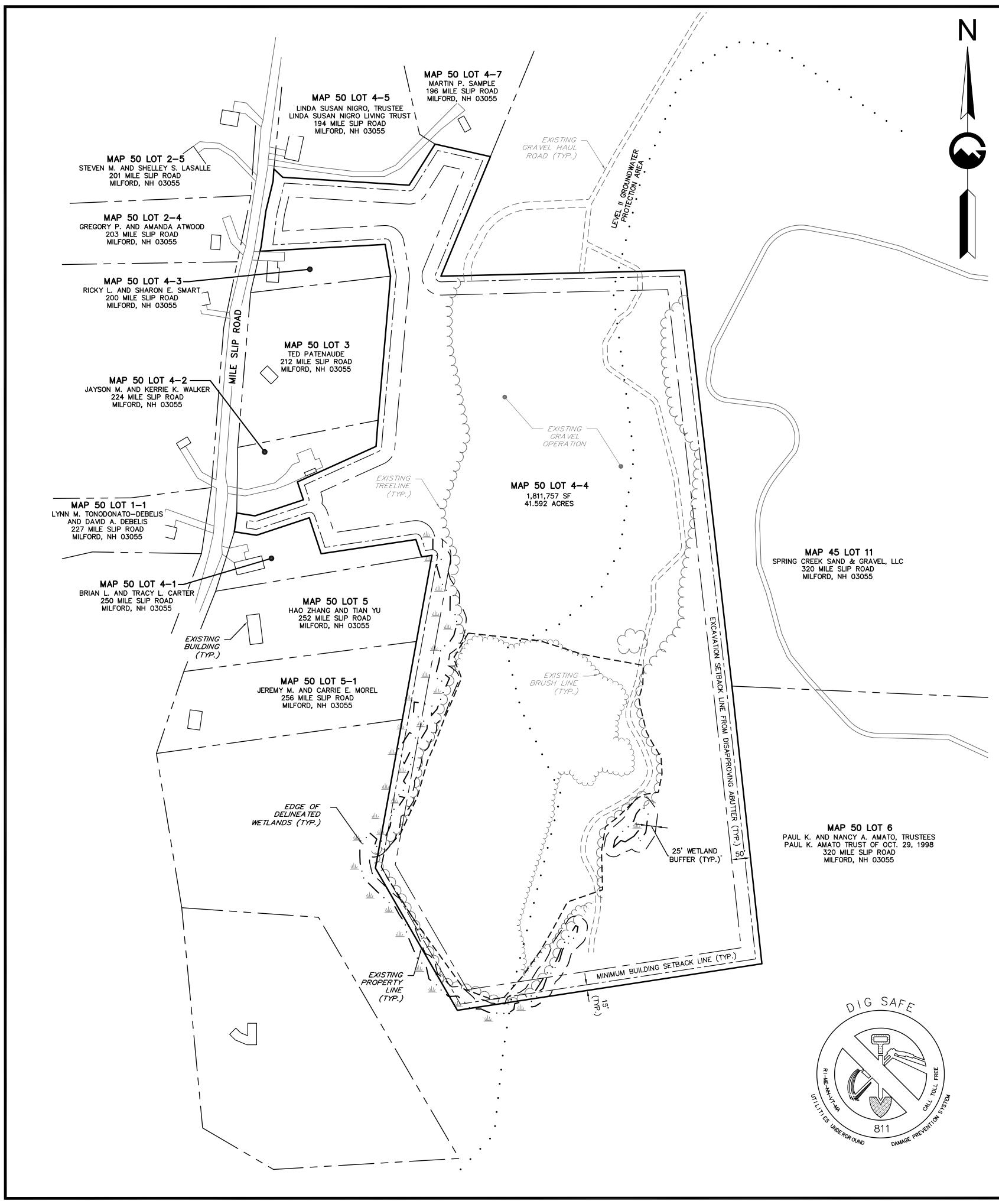
TES ENVIRONMENTAL CONSULTANTS, LLC 1494 ROUTE 3A, UNIT 1 BOW, NH 03303 (603) 856-8925

		REVISIONS	
No.	DATE	COMMENTS	BY
0	09/16/2019	PROJECT SUBMITTAL	BJC









PLAN REFERENCES:

- "CONSOLIDATION & LOT LINE RELOCATION PLAN, MAP 41 LOT 88 & MAP 45 LOTS ROAD & MILE SLIP ROAD, MILFORD, NH" PREPARED FOR: KENNETH LORDEN SR. JR., SCALE: 1"=600', DATED: SEPTEMBER 25, 1996, PREPARED BY: MAYNARD PLAN NO. 28723.
- 2. "SUBDIVISION PLAN OF THE LAND THURSTON & GLADYS WILLIAMS, JUDD HALL DATED: AUGUST 31, 1989, SCALE: 1"=100', PREPARED BY: GREATER NEW ENGL NO. 24574.
- . "ROAD RELOCATION PLAN, A PORTION OF JUDD HALL ROAD, MILFORD, NH, SCAL 24, 1987, PREPARED BY: MONADNOCK SURVEY, INC. HCRD 38438. 4. "MASTER SUBDIVISION PLAN, AMATO PROPERTY, MAP 50 LOTS 4-4 & 6, MAP
- ROAD, MILFORD, NH HILLSBOROUGH COUNTY" DATED: APRIL 20, 2016, SCALE: KEACH-NORDSTROM ASSOCIATES, INC. HCRD 38949

GENERAL NOTES:

- THE PURPOSE OF THIS PLAN IS TO ILLUSTRATE THE PROPOSED EXP SPRING CREEK SAND AND GRAVEL, LLC ON TAX MAP 50 LOT 4-4.
- 2. CURRENT USE OF THE PROPERTY IS FOR GRAVEL AND EARTH REMOVAL 3. AREA OF SUBJECT PARCEL = 1,113,282 SF OR 41.592 ACRES.
- AREA OF CONTIGUOUS PARCELS OWNED BY SPRING CREEK SAND & GRA 4. OWNERS OF RECORD:
- SPRING CREEK SAND & GRAVEL, LLC 320 MILE SLIP ROAD
- MILFORD, NH 03055 5. THE SUBJECT PROPERTY IS LOCATED ENTIRELY WITHIN THE RESID PROTECTION OVERLAY DISTRICT, AND IS SUBJECT TO THE FOLLOWING D

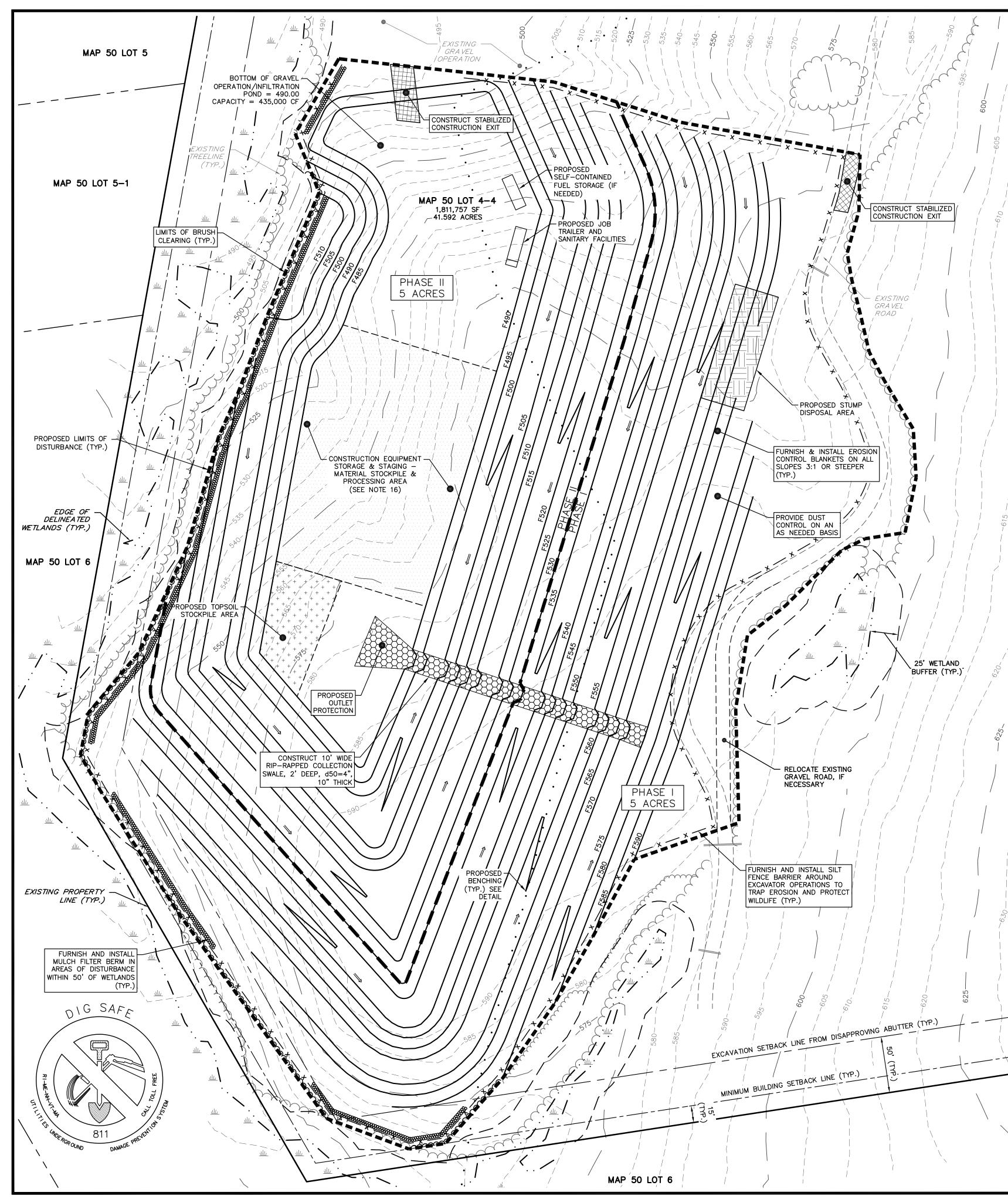
<u>TABLE OF</u>	ZONING REQ	UIREMENTS	
DESCRIPTION	REQUIRED	EXIST. LOT 4-4	Ρ
MINIMUM LOT SIZE	2 AC	41.592 AC	
MINIMUM LOT FRONTAGE	200 FT	236.78 FT	
FRONT YARD SETBACK	30 FT	N/A	
SIDE YARD SETBACK	15 FT	N/A	
REAR YARD SETBACK	15 FT	N/A	
MINIMUM OPEN SPACE	30%	>30%	
BUILDING HEIGHT	35 FT	N/A	

- 6. BASE SURVEY INFORMATION INCLUDING BOUNDARY, EXISTING FEATUR
- REFERENCES AND FIELD SURVEY BY PROMISED LAND SURVEY, LLC IN A 7. TOPOGRAPHIC INFORMATION SHOWN WITHIN THE AREA OF DISTURBANC
- ON AUGUST 28, 2019 AND STATE GENERATED LIDAR DATA. 8. HORIZONTAL DATUM IS NAD83-2011 BASED ON LEICA RTK POST PROCI
- 9. VERTICAL DATUM IS NAVD88-GEOID-09 BASED ON LEICA RTK POST PR 10. SPECIAL EXCEPTION REQUESTED FROM THE MILFORD ZONING BOARD OF ARTICLE V SECTION 5.04.2 (A) 9. - PROCESSING OF NATURAL F
- 11. WAIVERS REQUESTED FROM PLANNING BOARD: MILFORD GRAVEL AND EARTH REMOVAL REGULATION ARTICLE VIII
- 12. THE PROJECT REQUIRES THE FOLLOWING STATE, FEDERAL, AND LOCAL STATUS PENDING PERMIT PERMIT NO. NHDES AOT
 - LOCAL SITE PLAN APPROVAL PENDING
- LOCAL STORMWATER PERMIT PENDING USEPA CGP REQUIRED PRIOR TO CONSTRUCTIO 13. WETLAND MAPPING PERFORMED BY THOMAS E. SOKOLOSKI OF TES ENV 14. EXAMINATION OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (
- TOWN OF MILFORD, NH, MAP NUMBER 33011C0465D, PANEL NUMBER THE SUBJECT PARCEL IS LOCATED WITHIN A SPECIAL FLOOD HAZARD / 15. LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. PRIOR TO ANY E
- 16. THIS PROJECT DISTURBS IN EXCESS OF 1-ACRE OF LAND. THERE ELIMINATION SYSTEM (NPDES) PERMIT COVERAGE AS ISSUED BY THE "OPERATOR" (APPLICANT) SHALL EACH BE REQUIRED TO PREPARE AND
- CONSTRUCTION AND SHALL BE RESPONSIBLE FOR THE PREPARATION (SWPPP) MEETING THE REQUIREMENTS OF THE CURRENT CONSTRUCTION THE PROPOSED AREA OF DISTURBANCE WILL NOT EXCEED 10 ACRES.
- $610,000\pm$ CUBIC YARDS. 18. THE EXISTING HAUL ROUTE IS FROM THE EXISTING GRAVEL OPERATION AND GRAVEL, LLC) TO MASON ROAD AT ADDRESS 408 & 412 MASON I 19. NO EXCAVATION WILL BE PERFORMED WITHIN 25' OF MAPPED WETLAN
- PROPERTIES THAT APPROVE OF THE GRAVEL OPERATION, OR 150' PROVIDED WITHIN THE PERIPHERAL AREAS PREVIOUSLY LISTED. 20. IN ORDER TO OPERATE A GRAVEL OPERATION, AN OFFICE TRAILER A
- CONSIST OF, BUT NOT LIMITED TO, BULLDOZERS, LOADERS, HAULER, THE FURTHEST SEPARATION TO ABUTTING PROPERTIES, ALL PROCESSIN 21. 'TRUCKS ENTERING' SIGNS SHALL BE ERECTED BY THE OPERATOR AS F
- 22. A COPY OF THE APPROVED GRAVEL AND EARTH REMOVAL PLAN SHALL 23. EXCAVATION PERMITS SHALL BE VALID FOR THE TERM OF ONE (1) EXCAVATION ACTIVITIES BEYOND THE EXPIRATION DATE. THE OWNER MA OF COMMUNITY DEVELOPMENT FOR A FEE NOT TO EXCEED FIFTY DOLLA
- 24. PLOWED SNOW FROM THE OPERATION SHALL BE MAINTAINED AND ON S 25. WORKING HOURS SHALL BE 6AM TO 7PM MONDAY THROUGH FRIDAY SATURDAY SHALL BE ONLY FOR UNANTICIPATED, TIME SENSITIVE NEED AND NO EXCAVATION BE ALLOWED ON A LEGAL HOLIDAY.
- 26. TRUCKS UTILIZED FOR TRANSPORT OF MATERIAL WILL CONSIST OF TRI-27. THE APPLICANT MUST SUBMIT TO THE DEPARTMENT OF ENVIRONMENT
- DOCUMENTING THE PROJECT STATUS EVERY FIVE YEARS FROM THE DAT 28. THE ESTIMATED PROJECT TIME FRAME IS 10 YEARS AND IS SUBJECT T
- 29. THE ESTIMATED AMOUNT OF TRUCK TRAFFIC TO THE PROJECT AREA WI 30. RESTORATION OF THE SITE WILL BE TO CREATE AN OPEN FIELD WHICH I 31. A PORTION OF THE PROPERTY IS LOCATED WITHIN THE GROUNDWATER
- SECTION 6.01.0 IN THE MILFORD ZONING ORDINANCE.
- 32. ALL STORMWATER WILL BE COLLECTED, RETAINED, AND INFILTRATED ON 33. NO IMPACT FEES ARE APPLICABLE TO THIS PROJECT.
- 34. NO KNOWN EASEMENTS OR DEED RESTRICTIONS ENCUMBER THE PROPER

<u>LEGEND</u>

	ABUTTER LINE
	PROPERTY LINE
·	WETLAND
	TREELINE
	BRUSHLINE
	EDGE OF GRAVEL
	GROUNDWATER PROTECTION AREA
	BUILDING SETBACK
	WETLAND BUFFER
	EXCAVATION SETBACK FOR DISAPPROVING ABU

TS 11, 12 & 14, MASON AND KENNETH LORDEN & PAQUETTE. HCRD L ROAD, MILFORD, NH" LAND, INC. HCRD PLAN ALE: 1"=40', NOVEMBER	Civil engineering and planning municipal services
45 LOT 11, MILE SLIP I"=400', PREPARED BY:	TAL BJC
LOCUS MAP SCALE: ± 1 "=1000' PANSION OF THE EXISTING GRAVEL AND EARTH REMOVAL OPERATION FOR LS. NO STRUCTURES ARE LOCATED ON THE PROPERTY. AVEL, LLC = 431.29 ACRES	TE REVISIONS TE COMMENTS /2019 PROJECT SUBMITTAL
PROP. LOT 4-4 41.592 AC 236.78 FT N/A N/A N/A	
RES, AND TOPOGRAPHY SHOWN ON THIS PLAN ARE TAKEN FROM PLAN AUGUST 2019. DE IS TAKEN FROM FIELD SURVEY BY PROMISED LAND SURVEY, LLC (PLS) ESSED GPS. ROCESSED GPS. ADJUSTMENT: RESOURCES 1. – BUSINESS HOURS PERMITS: EXPIRATION DATE	OWNER: SPRING CREEK SAND AND GRAVEL, I SPRING CREEK SAND AND GRAVEL, I 320 MILF SLIP ROAD MILFORD, NH 03055–3310 BOOK 7731 PAGE 2619 APPLICANT: APPLICANT: LEIGHTON A. WHITE, INC. 138 ELM STREET MILFORD, NH 03055
TEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR HILLSBOROUGH COUNTY, 77 OF 701, EFFECTIVE DATE 09/25/2009 INDICATES THAT NO PORTION OF AREA. APPROXIMATE. GRANITE ENGINEERING, LLC MAKES NO CLAIM TO THE XCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 811. FORE, WILL BE REQUIRED TO OBTAIN NATIONAL POLLUTANT DISCHARGE ENVIRONMENTAL PROTECTION AGENCY (EPA). THE OWNER/DEVELOPER AND O SUBMIT A NOTICE OF INTENT (NOI) TO THE EPA PRIOR TO THE START OF AND IMPLEMENTATION OF A STORM WATER POLLUTION PREVENTION PLAN I GENERAL PERMIT. THE APPROXIMATE AMOUNT OF MATERIAL PROPOSED TO BE EXCAVATED IS A, THROUGH MAP 45 LOT 11 & 13 (BOTH OWNED BY SPRING CREEK SAND ROAD, MILFORD, NH. NO CHANGE IN THE HAUL ROUTE IS PROPOSED. DS, 50' OF ABUTTING PROPERTIES THAT DISAPPROVE, 10' FROM ABUTTING FROM ANY EXISTING DWELLINGS. VEGETATION SHALL BE MAINTAINED OR ND GRAVEL EQUIPMENT WILL BE STORED ON SITE. THIS EQUIPMENT WILL EXCAVATORS, WATER TRUCKS, AND PROCESSORS. IN ORDER TO PROVIDE G EQUIPMENT WILL BE CENTRALLY LOCATED. REQUIRED BY THE DIRECTOR OF PUBLIC WORKS AND THE PLANNING BOARD. BE ON SITE AT ALL TIMES. O YEAR. A RENEWAL PERMIT MUST BE IN PLACE PRIOR TO CONTINUING AY APPLY FOR RENEWAL OF AN EXCAVATION PERMIT THROUGH THE OFFICE AS (\$50.00) PER YEAR. SITE WITHIN THE CONTAINED AREA.	GRANITE ENGLINE ERING civil engineering • land planning • municipal services 250 Commercial Street, Suite 3008 Manchester, New Hampshire 03101 603.518.8030
Y AND 7AM TO 12PM ON SATURDAYS. THE HOURS OF OPERATION ON D FOR PRODUCT. NO MATERIAL PROCESSING SHALL OCCUR BEFORE 7AM AXLES, 10-WHEELERS, AND TRACTOR TRAILER DUMP TRUCKS. TAL SERVICES A WRITTEN UPDATE OF THE PROJECT AND REVISED PLANS TE OF THE ALTERATION OF TERRAIN PERMIT. O CHANGE BASED ON MARKET DEMAND. ILL BE 15 TRUCKS PER DAY. IS IN KIND WITH THE SURROUNDING NEIGHBORHOOD. PROTECTION OVERLAY DISTRICT AND IS SUBJECT TO THE REGULATIONS OF I-SITE. RTY.	STAMP: STAMP:
	LOCATION: TAX MAP 50 LOT 4-4 MILE SLIP ROAD MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY
	PROJECT: SPRING CREEK SAND & GRAVEL
GRAPHIC SCALE	
(IN FEET) 1 inch = 150 ft. UTTER	PROJECT No. DATE: SCALE: 19-0414-1 SEPTEMBER 16, 2019 HORIZ. SHEET: 1 OF 4

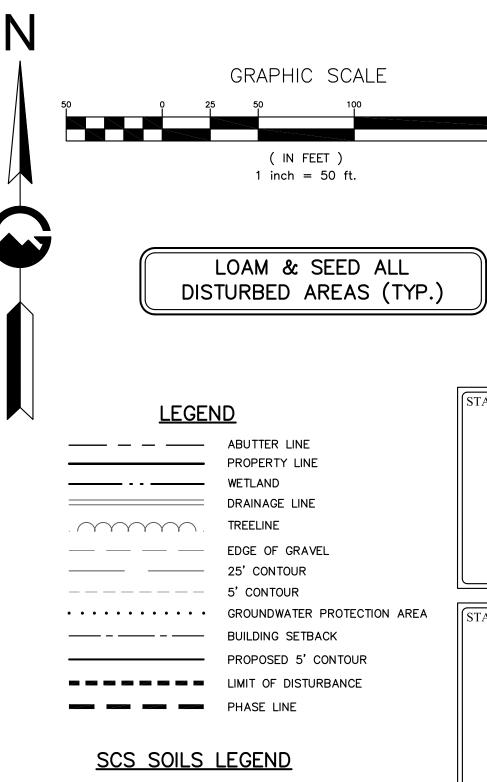


OPERATION NOTES:

- THE PURPOSE OF THIS PLAN IS TO ILLUSTRATE THE PROPOSED GRADING, EXISTING GRAVEL AND EARTH REMOVAL OPERATION FOR SPRING CREEK SAND
 LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPRO COMPLETENESS OF UTILITIES SHOWN. PRIOR TO ANY EXCAVATION ON SITE TH
 THIS PROJECT DISTURBS IN EXCESS OF 1-ACRE OF LAND. THEREFORE, WIL (NPDES) PERMIT COVERAGE AS ISSUED BY THE ENVIRONMENTAL PROTECTION BE REQUIRED TO PREPARE AND SUBMIT A NOTICE OF INTENT (NOI) TO THE INTENT
- PREPARATION AND IMPLEMENTATION OF A STORM WATER POLLUTION PREVEN GENERAL PERMIT. NO EXCAVATION WILL BE PERFORMED WITHIN 25' OF MAPPED WETLANDS, 50'
- APPROVE OF THE GRAVEL OPERATION, OR 150' FROM ANY EXISTING DWELLING PREVIOUSLY LISTED. IF DEEMED NECESSARY BY THE PLANNING BOARD, SUIT NATURAL BEAUTY AND TO AID IN EROSION CONTROL. SUCH PLANTED AREAS BY MULCH AND STRUCTURAL EROSION CONTROL DEVICES. 5. IN ORDER TO OPERATE A GRAVEL OPERATION, AN OFFICE TRAILER AND GRA
- NOT LIMITED TO, BULLDOZERS, LOADERS, HAULER, EXCAVATORS, WATER TRU ABUTTING PROPERTIES, ALL PROCESSING EQUIPMENT WILL BE CENTRALLY LOCA 6. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION SITE THE PROPERTY OWNER (APPLICANT COMMENT)
- SITE, THE PROPERTY OWNER/APPLICANT SHALL BE REQUIRED TO INSTALL THE 7. A DUST CONTROL PLAN CONSISTING OF THE APPLICATION OF WATER ON AN CAUSE ANY VIOLATION TO THE FUGITIVE DUST REQUIREMENTS ESTABLISHED IN EMITS FUGITIVE DUST, OTHER THAN THOSE LISTED SHALL TAKE PRECAUTIONS CONTROL THE EMISSION OF FUCITIVE PURCE.
- CONTROL THE EMISSION OF FUGITIVE DUST. PRECAUTIONS SHALL INCLUDE BU a. THE USE OF WATER OR HYDROPHILIC MATERIAL ON OPERATIONS OR S b. THE APPLICATION OF ASPHALT, WATER OR HYDROPHILIC MATERIAL, OF
- c. THE USE OF HOODS, FANS, FABRIC FILTERS, OR OTHER DEVICES TO ARE HANDLED;
- d. THE USE OF CONTAINMENT METHODS FOR SANDBLASTING OR SIMILAR e. THE USE OF VACUUMS OR OTHER SUCTION DEVICES TO COLLECT AIRI A ROCK-CRUSHING PLANT SHALL NOT OPERATE UNLESS THE PLANT IS EQU
- CONTROL THE EMISSION OF PARTICULATES IN COMPLIANCE WITH EPA 40 CF CANNOT EXCEED 15 PERCENT OPACITY WHILE CERTAIN TRANSFER POINTS OF NO FUELS, LUBRICANTS, OR OTHER TOXIC OR POLLUTING MATERIALS SHALL B
- TO SUCH MATERIALS. SPILL PROTECTION EQUIPMENT WILL BE STORED ON S IMMEDIATELY RECTIFIED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, WILL BE REPORTED TO THE MILFORD FIRE DEPARTMENT AND TO NHDES.
- 10. THE PROPOSED OPERATION WILL BE SELF CONTAINED IN ORDER TO RETAIN DISTURBANCE. DRAINAGE SHALL BE MAINTAINED SO AS TO PREVENT THE PRACTICES WHICH RESULT IN CONTINUED SILTATION OF SURFACE WATERS OR ARE PROHIBITED.
- NO EXCAVATION WILL BE COMPLETED WITHIN 3 FEET OF SEASONAL HIGH W. AFOREMENTIONED SEPARATION IS MAINTAINED AT ALL TIMES. DUE TO THI ADEQUATE REPRESENTATION OF THE WATER TABLE IN THIS AREA AND NO A RECOGNIZED AT AN ELEVATION OF APPROXIMATELY 490' BASED ON THE EXIST
 WHERE TEMPORARY SLOPES WILL EXCEED A GRADE OF 1:1, A FENCE OR OTHI TO THE SITE.
- 13. PRIOR TO THE REMOVAL OF TOPSOIL OR OTHER OVERBURDEN MATERIAL FROM A RECLAMATION BOND OR OTHER SECURITY AS PRESCRIBED BY THE REG EXCAVATED. THE BOND AMOUNT, ESTABLISHED BY THE PLANNING BOARD T THOUSAND FIVE HUNDRED DOLLARS (\$7,500) PER ACRE. GIVEN THE ACTUAL AMOUNT SHALL BE ADEQUATE TO RECLAIM THE EXCAVATION SITE IN ACCORE RECLAMATION WORK HAS BEEN COMPLETED.
- 14. NO MORE THAN FIVE (5) ACRES, EXCLUDING ACCESS ROADS, SHALL BE LEFT 15. WITHIN 12 MONTHS AFTER THE EXPIRATION DATE IN A PERMIT ISSUED OR OF THE EXCAVATED LAND SHALL HAVE COMPLETED THE RECLAMATION OF THE STANDARDS:
 - a. EXCEPT FOR EXPOSED ROCK LEDGE, ALL AREAS WHICH HAVE BEEN SPREAD WITH TOPSOIL OR STRIPPINGS, IF ANY, BUT IN ANY CASE CO SEEDLINGS OR GRASS SUITABLE TO PREVENT EROSION. AREAS VISI
 - SECULINGS OR GRASS SUITABLE TO PREVENT EROSION. AREAS VIS REPLANTED WITH TREE SEEDLINGS, SET OUT IN ACCORDANCE WITH AC b. EARTH AND VEGETATIVE DEBRIS RESULTING FROM THE EXCAVATION SI
 - c. ALL SLOPES, EXCEPT FOR EXPOSED LEDGE, SHALL BE GRADED TO N CONTROL EROSION OR AT A RATIO OF HORIZONTAL TO VERTICAL P SHALL NOT BE ABRUPT, BUT SHALL BLEND WITH THE SURROUNDING d. THE ELIMINATION OF ANY STANDING BODIES OF WATER OPERATED
 - d. THE ELIMINATION OF ANY STANDING BODIES OF WATER CREATED IN AND
 e. THE TOPOGRAPHY OF THE LAND SHALL BE LEFT SO THAT WATER DRA POINTS AND IN THE NATURAL PROPORTIONS OF FLOW FOR FLOW FOR THE NATURAL PROPORTIONS OF FLOW FOR THE N
 - POINTS AND IN THE NATURAL PROPORTIONS OF FLOW. FOR EXCAVATI SERVICES PURSUANT TO RSA 485-A:17, THE PROVISIONS OF THAT S AREAS OF EXCAVATION SITES COVERED THEREBY. THE EXCAVATOR SH INSTRUCTION MATERIAL AND FOUNDMENT STORAGE AREA WILL BELOCATE DET
- 16. CONSTRUCTION MATERIAL AND EQUIPMENT STORAGE AREA WILL RELOCATE DEI WILL START AT UPPER LIMITS OF EXCAVATION AND SYSTEMATICALLY RELOCATE THE FINAL LOCATION OF THE STORAGE AND STAGING AREA.

RECLAMATION NOTES:

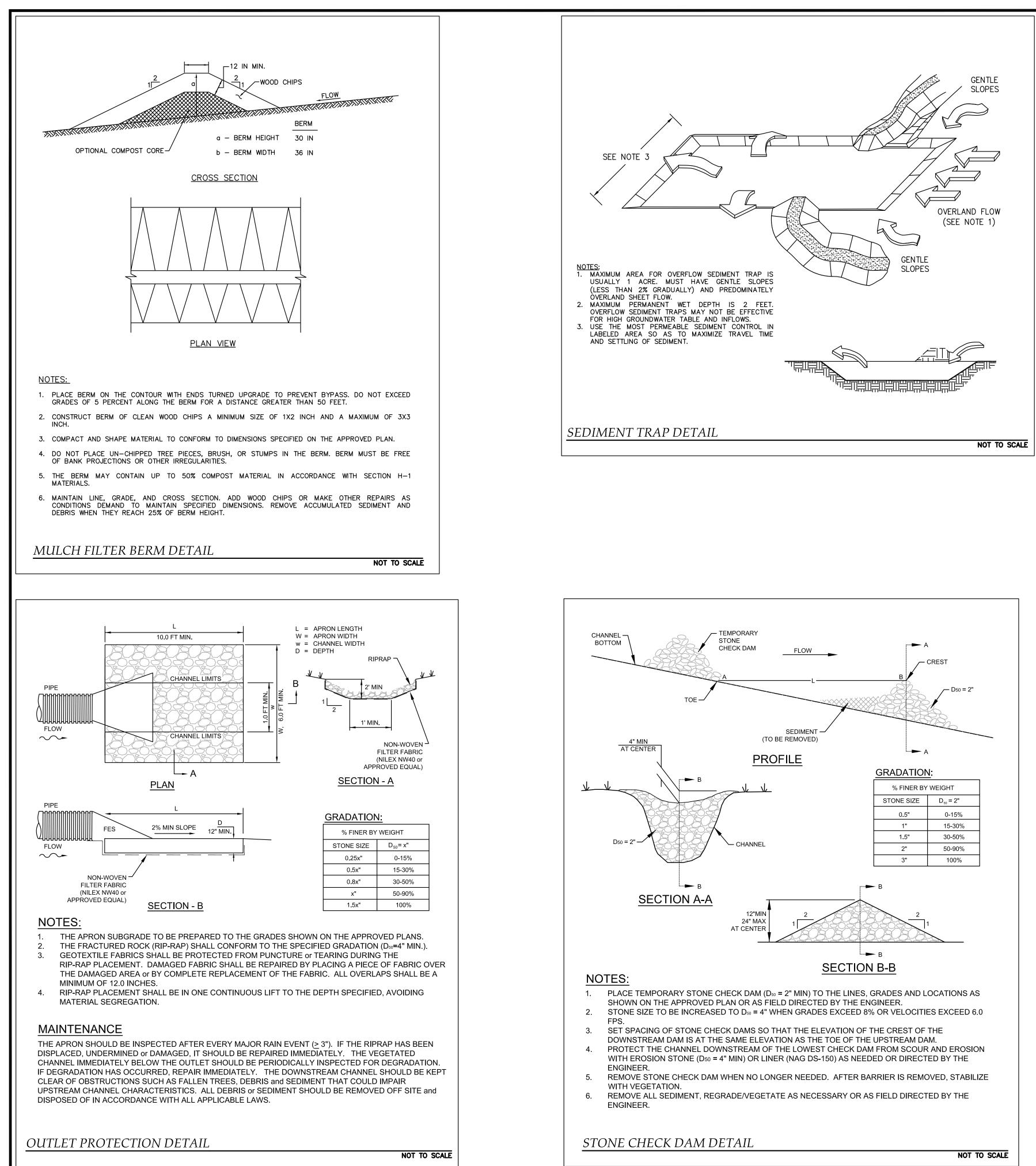
- 1. ANY EXCAVATED AREA OF 5 CONTIGUOUS ACRES OR MORE, WHICH IS DEPLI FROM WHICH EARTH MATERIALS OF SUFFICIENT WEIGHT OR VOLUME TO BE C RECLAIMED IN ACCORDANCE WITH RSA 155-E:5, WITHIN 12 MONTHS FOLL EXCAVATION IS OCCURRING ON ADJACENT LAND IN CONTIGUOUS OWNERSHIF PLANTS WHICH ARE EXEMPT FROM PERMIT REQUIREMENTS PURSUANT TO F RECLAMATION PLAN FOR THE AFFECTED LAND, INCLUDING A TIMETABLE FOR F
- RECLAMATION PLAN FOR THE AFFECTED LAND, INCLUDING A TIMETABLE FOR F 2. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR SUBSEQUENT USE IN REC 3. NATURAL VEGETATION ADJACENT TO NEIGHBORING PROPERTIES ON WHICH EX CONTROL, SCREENING, NOISE REDUCTION, DUST CONTROL, AND PROPERTY EVA
- 4. STOCKPILED TOPSOIL SHALL BE SPREAD OVER THE DISTURBED AREA TO AL RESEEDED TO MAINTAIN A HEALTHY VEGETATED COVER.



CANTON FINE SANDY LOAM, 0-25% SLOPES, VERY STONY

Cm

	<u> </u>
, EROSION CONTROL, AND RECLAMATION ASSOCIATED WITH THE EXPANSION OF THE O AND GRAVEL, LLC. ROXIMATE. GRANITE ENGINEERING, LLC MAKES NO CLAIM TO THE ACCURACY OR HE CONTRACTOR SHALL CONTACT DIG SAFE AT 811. MILL BE REQUIRED TO OBTAIN NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM N AGENCY (EPA). THE OWNER/DEVELOPER AND "OPERATOR" (APPLICANT) SHALL EACH EPA PRIOR TO THE START OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR THE ENTION PLAN (SWPPP) MEETING THE REQUIREMENTS OF THE CURRENT CONSTRUCTION	Civil engineering Bud planning municipal services
OF ABUTTING PROPERTIES THAT DISAPPROVE, 10' FROM ABUTTING PROPERTIES THAT IGS. VEGETATION SHALL BE MAINTAINED OR PROVIDED WITHIN THE PERIPHERAL AREAS ITABLE TREES AND/OR SHRUBS MAY BE REQUIRED IN ORDER TO PROVIDE SCREENING, S SHALL BE PROTECTED FROM EROSION DURING AN APPROPRIATE ESTABLISHED PERIOD	
AVEL EQUIPMENT WILL BE STORED ON SITE. THIS EQUIPMENT WILL CONSIST OF, BUT RUCKS, AND PROCESSORS. IN ORDER TO PROVIDE THE FURTHEST SEPARATION TO CATED.	
IN CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION E NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN. IN AS NEEDED BASIS WILL BE EMPLOYED. SUCH EXCAVATION ACTIVITIES SHALL NOT IN ENV-A 1002. ANY PERSON ENGAGED IN ANY ACTIVITY WITHIN THE STATE THAT IS THROUGHOUT THE DURATION OF THE ACTIVITY IN ORDER TO PREVENT, ABATE, AND UT NOT BE LIMITED TO THE FOLLOWING: SURFACES, OR BOTH; OR TARPS OR OTHER SUCH COVERS TO MATERIAL STOCKPILES; D ENCLOSE AND VENT AREAS WHERE MATERIALS PRONE TO PRODUCING FUGITIVE DUST	IS AENTS SUBMITTAL
R OPERATIONS; AND RBORNE PARTICULATE MATTER. UIPPED WITH AN EMISSION CONTROL SYSTEM THAT IS OPERATED AND MAINTAINED TO CFR 60, SUBPART OOO AND ENV-A 2800. VISIBLE DUST FROM THE ROCK CRUSHER THE SYSTEM CANNOT EXCEED 10 PERCENT OPACITY WITHIN ANY SIX-MINUTE PERIOD. BE STORED ON-SITE UNLESS IN COMPLIANCE WITH STATE LAWS OR RULES PERTAINING SITE FOR IMMEDIATE RESPONSE TO ANY POTENTIAL SPILLS. ANY SPILLAGE SHALL BE , STATE, AND FEDERAL STANDARDS. ALL SPILLS OF GREATER THAN FIVE (5) GALLON	REVISIONS COMMENTS PROJECT SUBMIT
N ALL STORMWATER AND ANY POTENTIAL EROSION ON SITE, WITHIN THE LIMITS OF E ACCUMULATION OF FREE-STANDING WATER FOR PROLONGED PERIODS. EXCAVATION	
ANY DEGRADATION OF WATER QUALITY OF ANY PUBLIC OR PRIVATE WATER SUPPLIES WATER TABLE. TEST PITS WILL BE PERFORMED IN DEEPER CUT AREAS TO ENSURE HIS BEING AN EXPANSION OF AN EXISTING OPERATION, THE EXISTING AREA IS AN ADDITIONAL TEST PITS WERE LOGGED TO REPRESENT SUCH. NO WATER TABLE WAS STING OPERATION. HER SUITABLE BARRICADE SHALL BE ERECTED TO WARN OF DANGER OR LIMIT ACCESS	DATE 9/16/2019
M ANY LAND AREA THAT HAS NOT YET BEEN EXCAVATED, THE EXCAVATOR SHALL FILE EGULATOR, SUFFICIENT TO SECURE THE RECLAMATION OF THE LAND AREA TO BE TO COVER RECLAMATION OF THE SITE, SHALL BE BASED ON AN AMOUNT OF SEVEN	
L ACREAGE OF THE SITE, THIS FIGURE SHALL BE PRORATED ACCORDINGLY. THE BOND RDANCE WITH RSA 155-E:5. THE BOND WILL BE RETURNED TO THE APPLICANT WHEN	
UNSTABLE AT ANY TIME. OF THE COMPLETION OF ANY EXCAVATION, WHICHEVER OCCURS FIRST, THE OWNER OF AREAS AFFECTED BY THE EXCAVATION TO MEET EACH OF THE FOLLOWING MINIMUM	LLC
N AFFECTED BY THE EXCAVATION OR OTHERWISE STRIPPED OF VEGETATION SHALL BE COVERED BY SOIL CAPABLE OF SUSTAINING VEGETATION, AND SHALL BE PLANTED WITH ISIBLE FROM A PUBLIC WAY, FROM WHICH TREES HAVE BEEN REMOVED, SHALL BE ACCEPTABLE HORTICULTURAL PRACTICES; SHALL BE REMOVED OR OTHERWISE LAWFULLY DISPOSED OF; NATURAL REPOSE FOR THE TYPE OF SOIL OF WHICH THEY ARE COMPOSED SO AS TO PROPOSED BY THE OWNER AND APPROVED BY THE REGULATOR. CHANGES OF SLOPE TERRAIN; THE EXCAVATION PROJECT AS MAY CONSTITUTE A HAZARD TO HEALTH AND SAFETY;	AND GRAVEL, -3310 -19 INC.
RAINING FROM THE SITE LEAVES THE PROPERTY AT THE ORIGINAL, NATURAL DRAINAGE TION PROJECTS WHICH REQUIRE A PERMIT FROM THE DEPARTMENT OF ENVIRONMENTAL STATUTE, AND RULES ADOPTED UNDER IT, SHALL SUPERSEDE THIS PARAGRAPH AS TO SHALL FILE A COPY OF PERMITS ISSUED UNDER RSA 485-A:17 WITH THE REGULATOR. EPENDING UPON THE PHASE AND PROGRESS OF THE GRAVEL OPERATION. SAID AREA TE AS EXCAVATION PROGRESSES. THE AREA ILLUSTRATED ON THIS PLAN REPRESENTS	OWNER: SPRING CREEK SAND 320 MILE SLIP ROAD MILFORD, NH 03055- BOOK 7731 PAGE 26 APPLICANT: LEIGHTON A. WHITE, 138 ELM STREET MILFORD, NH 03055
LETED OF COMMERCIAL EARTH MATERIALS, EXCLUDING BEDROCK, OR ANY EXCAVATION COMMERCIALLY USEFUL HAVE NOT BEEN REMOVED FOR A 2-YEAR PERIOD, SHALL BE LOWING SUCH DEPLETION OR 2-YEAR NON-USE, REGARDLESS OF WHETHER OTHER IIP. EACH OPERATOR, OTHER THAN THE OPERATOR OF STATIONARY MANUFACTURING RSA 155-E:2, III, SHALL PREPARE AND SUBMIT FOR THE REGULATOR'S RECORD A RECLAMATION OF THE DEPLETED AREAS WITHIN THE RECLAMATION SITE. CLAMATION OF THE SITE. EXCAVATION IS NOT INTENDED SHALL BE MAINTAINED FOR THE PURPOSE OF EROSION (ALUATION. LLOW REVEGETATION. THESE DISTURBED AREAS WILL BE ADEQUATELY FERTILIZED AND	GRANITE ENGINEERING civil engineering • land planning • municipal services 250 Commercial Street, Suite 3008 Manchester, New Hampshire 03101
200 200 200 200 200 200 200 200 200 200	603.518.8030 www.GraniteEng.com
	STAMP: STAMP:
TAMP: "I HEREBY CERTIFY THAT THE EXISTING CONDITIONS SHOWN ARE THE RESULT OF A FIELD SURVEY PERFORMED BY PROMISED LAND SURVEY, LLC DURING THE MONTH OF AUGUST/SEPTEMBER."	LOCATION: TAX MAP 50 LOT 4-4 MILE SLIP ROAD MILFORD, NEW HAMPSHIRE HILLSBOROUGH COUNTY
PELOQUIN 307.13-2019	PROJECT: SPRING CREEK SAND & GRAVEL
TAMP: THOMAS SOKOLOSKI, CERTIFIED WETLAND SCIENTIST #127, OF TES ENVIRONMENTAL CONSULTANTS, L.L.C. OF BOW, NH, PERFORMED THE WETLAND MAPPING ON AUGUST 5, 2019 ACCORDING TO THE <u>CORPS OF ENGINEERS WETLAND</u> DELINEATION MANUAL AND THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL; NORTHCENTRAL AND NORTHEAST REGION,	EXCAVATION & RECLAMATION PLAN
NO. 127 WETLAND 30	PROJECT No. DATE: SCALE: 19-0414-1 SEPTEMBER 16, 2019 HORIZ. SHEET: 2 OF 4



CONSTRUCTION" AS PUBLISHED ANI SERVICES. THIS PROJECT IS TO BE MANAGED AND CHAPTER AGR 3800 RELATIVE WHENEVER PRACTICAL, NATURAL STRIPPING OF VEGETATION SHALL BE 4. APPROPRIATE EROSION AND SED DISTURBANCE. 5. THE AREA OF DISTURBANCE SHALL THAN 30 DAYS SHALL BE STABILIZE . MEASURES SHALL BE TAKEN TO CO SHALL BE TRAPPED AND RETAINED ALL TEMPORARY EROSION AND CONDITION UNTIL FINAL SITE STABIL 8. ALL TEMPORARY EROSION AND STABILIZATION. TRAPPED SEDIMENT TEMPORARY MEASURES SHALL BE OTHERWISE. 9. THE TOWN OF MILFORD SHALL RE DURING CONSTRUCTION SHOULD THE 10. THE RESPONSIBLE PARTY SHALL MANAGEMENT AND EROSION CONTRO 11. TEMPORARY EROSION CONTROL ME PLANS. IN ADDITION, SIMILAR MEAS FIELD OPERATION OF THE INDIVIDU. 12. ALL DISTURBED AREAS DESIGNATED LOAM (COMPACTED THICKNESS), PI 13. IN THE EVENT THAT, DURING CONS NECESSARY, THE CONTRACTOR METHODS OF DIVERTING RUNOFF IN 14. DUST SHALL BE CONTROLLED BY PERIOD, IN ACCORDANCE WITH ENV-15. IN NO WAY ARE THOSE TEMPORA CONSIDERED ALL INCLUSIVE. THE EROSION CONTROL MEASURES WH METHODOLOGIES MAY WARRANT. 16. EARTHWORK SHALL BE LIMITED TO AT NO TIME SHALL MORE THAN FIN AREA OF THE SITE SHALL BE LEFT (30) CALENDAR DAYS. 17. THE SMALLEST PRACTICAL AREA EXCEED 5 ACRES AT ANY ONE TIME 18. PERIMETER CONTROLS MUST BE INST 19. EROSION CONTROL MEASURES USED 0.25" OF RAINFALL OR MORE. ALL THEY SHALL BE CLEANED AND M THROUGHOUT THE CONSTRUCTION P 20. ALL STORMWATER PRACTICES AND THE SITE. THEY SHOULD BE FULL AND MAINTENANCE TO MAINTAIN DE 21. ALL DISTURBED AREAS DESIGNAT (COMPACTED THICKNESS), PRIOR TO 22. IF DURING CONSTRUCTION A WINTE INCOMPLETE WORK AND PROVIDE F SHEET FLOW ACROSS FROZEN SURF 23. AN AREA SHALL BE CONSIDERED ST A. BASE COURSE GRAVELS A B. A MINIMUM OF 85% VEGE C. A MINIMUM OF 3" OF NON RIP RAP HAS BEEN INSTALLE D. EROSION CONTROL BLANK 23. ALL DUST SHALL BE CONTROLLED B 24. IF, DURING CONSTRUCTION. IT BE DEVICES ARE REQUIRED, THE OWNER WITH THE ENGINEER. 25. JUTE MATTING INSTALLED TO CONF VOLUME 3 OF THE NEW HAMPSHI CONSTRUCTION" ON ALL 3:1 SLOPES 26. ALL ROADWAYS AND PARKING AREAS 27. ALL CUT AND FILL SLOPES SHALL E



OF THE OVERLAPPING BLANKET (SEAM STITCH ON THE PREVIOUS 5. CONSECUTIVE BLANKETS SPLICE STYLE) WITH AN APPROXIMATE 3"

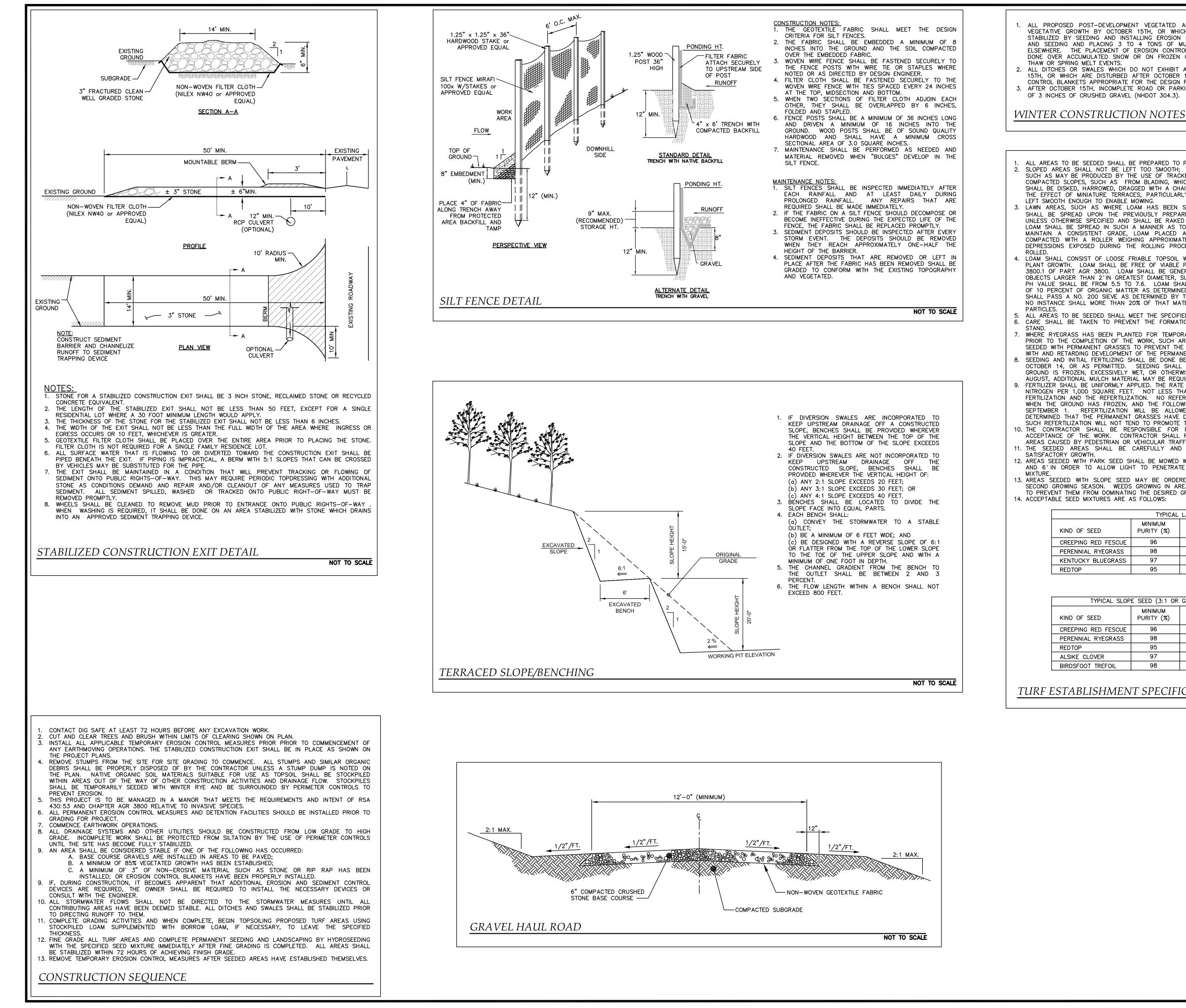
APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH. NOTE: *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

1.	ALL MEASURES IN THE PLAN SHALL MEET AS A MINIMUM THE BEST MANAGEMENT PRACTICES SET FORTH IN VOLUME 3 OF THE NEW HAMPSHIRE STORMWATER MANUAL "EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION" AS PUBLISHED AND AMENDED BY THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL
2.	SERVICES. THIS PROJECT IS TO BE MANAGED IN A MANOR THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53
	AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES. WHENEVER PRACTICAL, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED OR SUPPLEMENTED. THE
4.	STRIPPING OF VEGETATION SHALL BE DONE IN A MANNER THAT MINIMIZES SOIL EROSION. APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO LAND DISTURBANCE.
5.	THE AREA OF DISTURBANCE SHALL BE KEPT TO A MINIMUM. DISTURBED AREAS REMAINING IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED.
	MEASURES SHALL BE TAKEN TO CONTROL EROSION WITHIN THE PROJECT AREA. SEDIMENT IN RUNOFF WATER SHALL BE TRAPPED AND RETAINED WITHIN THE PROJECT AREA USING APPROVED MEASURES.
	ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FUNCTIONING CONDITION UNTIL FINAL SITE STABILIZATION IS ACCOMPLISHED. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER FINAL SITE
0.	STABILIZATION. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED WITHIN 30 DAYS UNLESS CONDITIONS DICTATE
9.	OTHERWISE. THE TOWN OF MILFORD SHALL RESERVE THE RIGHT TO REQUIRE FURTHER EROSION CONTROL PRACTICES
10.	DURING CONSTRUCTION SHOULD THEY FIND IT NECESSARY. THE RESPONSIBLE PARTY SHALL INSTALL, INSPECT, REPORT, OPERATE, AND MAINTAIN ALL STORMWATER MANAGEMENT AND EROSION CONTROL MEASURES REQUIRED BY THESE PLANS.
11.	TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PROJECT PLANS. IN ADDITION, SIMILAR MEASURES SHALL BE INSTALLED WHERE AND WHEN THE FIELD CONDITION, OR
12.	FIELD OPERATION OF THE INDIVIDUAL SITE CONTRACTOR, MAY WARRANT. ALL DISTURBED AREAS DESIGNATED TO BE TURF, SHALL RECEIVE A MINIMUM APPLICATION OF 4 INCHES OF
13.	LOAM (COMPACTED THICKNESS), PRIOR TO FINAL SEEDING AND MULCHING. IN THE EVENT THAT, DURING CONSTRUCTION OF ANY PORTION OF THIS PROJECT, A WINTER SHUTDOWN IS NECESSARY, THE CONTRACTOR SHALL STABILIZE ALL INCOMPLETE WORK AND PROVIDE FOR SUITABLE
14.	NECESSARY, THE CONTRACTOR SHALL STABILIZE ALL INCOMPLETE WORK AND PROVIDE FOR SUITABLE METHODS OF DIVERTING RUNOFF IN ORDER TO ELIMINATE SHEET FLOW ACROSS FROZEN SURFACES. DUST SHALL BE CONTROLLED BY THE USE OF WATER AS NECESSARY THROUGHOUT THE CONSTRUCTION
	PERIOD, IN ACCORDANCE WITH ENV-A 1000. IN NO WAY ARE THOSE TEMPORARY EROSION CONTROL MEASURES INDICATED ON THESE PLANS TO BE
	CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL USE JUDGEMENT IN INSTALLING SUPPLEMENTARY EROSION CONTROL MEASURES WHERE AND WHEN SPECIFIC SITE CONDITIONS AND/OR CONSTRUCTION
16.	METHODOLOGIES MAY WARRANT. EARTHWORK SHALL BE LIMITED TO THE AREAS WITHIN THE LIMITS OF CLEARING AS SHOWN ON THE PLAN. AT NO TIME SHALL MORE THAN FIVE (5) ACRES OF SITE AREA BE IN AN UNSTABLE CONDITION. NO GIVEN
	AREA OF THE SITE SHALL BE LEFT IN AN UNSTABILIZED CONDITION FOR A PERIOD OF TIME EXCEEDING THIRTY (30) CALENDAR DAYS.
	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.
	PERIMETER CONTROLS MUST BE INSTALLED PRIOR TO EARTHWORK. EROSION CONTROL MEASURES USED SHALL BE INSPECTED AT LEAST WEEKLY AND WITHIN 24 HOURS AFTER
	0.25" OF RAINFALL OR MORE. ALL DEFICIENCIES SHALL BE FIXED IN ORDER TO KEEP OPERATION EFFECTIVE. THEY SHALL BE CLEANED AND MAINTAINED AND OTHERWISE KEPT IN AN EFFECTIVE OPERATING MANNER THROUGHOUT THE CONSTRUCTION PERIOD.
20.	ALL STORMWATER PRACTICES AND DRAINAGE SWALES ARE TO BE INSTALLED PRIOR TO ROUGH GRADING OF THE SITE. THEY SHOULD BE FULLY STABILIZED PRIOR TO RECEIVING STORMWATER. PERIODIC INSPECTION
21.	AND MAINTENANCE TO MAINTAIN DESIGN INTENT IS REQUIRED. ALL DISTURBED AREAS DESIGNATED TO BE TURF, SHALL RECEIVE THE REQUIRED AMOUNT OF LOAM
22.	(COMPACTED THICKNESS), PRIOR TO FINAL SEEDING AND MULCHING. IF DURING CONSTRUCTION A WINTER SHUTDOWN IS NECESSARY, THE CONTRACTOR SHALL STABILIZE ALL INCOMPLETE WORK AND PROVIDE FOR SUITABLE METHODS OF DIVERTING RUNOFF IN ORDER TO ELIMINATE
23.	SHEET FLOW ACROSS FROZEN SURFACES. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
	A. BASE COURSE GRAVELS ARE INSTALLED IN AREAS TO BE PAVED; B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
	C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED; OR D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
	ALL DUST SHALL BE CONTROLLED BY THE USE OF WATER IN ACCORDANCE WITH ENV-A 1000. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION AND SEDIMENT CONTROL
	DEVICES ARE REQUIRED, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY DEVICES OR CONSULT WITH THE ENGINEER.
25.	JUTE MATTING INSTALLED TO CONFORM WITH THE RECOMMENDED BEST MANAGEMENT PRACTICE OUTLINED IN VOLUME 3 OF THE NEW HAMPSHIRE STORMWATER MANUAL 'EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION' ON ALL 3:1 SLOPES OR GREATER.
	ALL ROADWAYS AND PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS.
Z1.	ALL CUT AND FILL SLOFES SHALL DE SEEDED AND MULCHED WITHIN 72 HOURS.
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EROSION CONTROL BLANKETS - SLOPE INSTALLATION

NOT TO SCALE

			GRANITE			civil engineering	land planning	municipal services
	BJC							
REVISIONS	COMMENTS PROJECT SUBMITTAL							
	No. DATE 0 09/16/2019							
OWNER: SPRING CREFK SAND AND GRAVEL TLC	MILFORD, NH 03055-3310 BOOK 7731 PAGE 2619		NT:	LEIGHTON A. WHITE, INC. 138 ELM STREET	NH 03055			
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ALL PROPOSED POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT BE DONE OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF

2. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS. AFTER OCTOBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM

ALL AREAS TO BE SEEDED SHALL BE PREPARED TO PROVIDE A REASONABLY FIRM BUT FRIABLE SEED BED. SLOPED AREAS SHALL NOT BE LEFT TOO SMOOTH; THE SURFACE SHALL BE LEFT IN A RUFFLED CONDITION SUCH AS MAY BE PRODUCED BY THE USE OF TRACKED VEHICLES RUN UP AND DOWN THE SLOPES. SMOOTH, COMPACTED SLOPES, SUCH AS FROM BLADING, WHICH MIGHT ALLOW THE FREE FLOW OF WATER DOWN THEM SHALL BE DISKED, HARROWED, DRAGGED WITH A CHAIN OR MAT, MACHINE-RAKED, OR HAND-WORKED TO GIVE THE EFFECT OF MINIATURE TERRACES, PARTICULARLY IN SILTY OR CLAYEY SOILS. THE SLOPES SHALL BE

LAWN AREAS, SUCH AS WHERE LOAM HAS BEEN SPREAD, SHALL BE PREPARED FOR SEEDING. THE LOAM SHALL BE SPREAD UPON THE PREVIOUSLY PREPARED SUBGRADE SURFACE TO THE DEPTH OF 4" ± 1/2" UNLESS OTHERWISE SPECIFIED AND SHALL BE RAKED CAREFULLY TO REMOVE ALL OBJECTIONABLE MATERIÁLS. LOAM SHALL BE SPREAD IN SUCH A MANNER AS TO ESTABLISH A LOOSE, FRIABLE SEEDBED. IN ORDER TO MAINTAIN A CONSISTENT GRADE, LOAM PLACED ADJACENT TO LAWNS OR WHERE DIRECTED SHALL BE COMPACTED WITH A ROLLER WEIGHING APPROXIMATELY 100 POUNDS PER FOOT OF ROLLER WIDTH. ALL DEPRESSIONS EXPOSED DURING THE ROLLING PROCEDURE SHALL BE FILLED WITH ADDITIONAL LOAM, AND

LOAM SHALL CONSIST OF LOOSE FRIABLE TOPSOIL WITH NO ADMIXTURE OF REFUSE OR MATERIAL TOXIC TO PLANT GROWTH. LOAM SHALL BE FREE OF VIABLE PARTS OF PROHIBITED INVASIVE PLANTS LISTED IN TABLE 3800.1 OF PART AGR 3800. LOAM SHALL BE GENERALLY FREE FROM STONES, LUMPS, STUMPS, OR SIMILAR OBJECTS LARGER THAN 2"IN GREATEST DIAMETER, SUBSOIL, ROOTS, AND WEEDS. THE MINIMUM AND MAXIMUM PH VALUE SHALL BE FROM 5.5 TO 7.6. LOAM SHALL CONTAIN A MINIMUM OF 3 PERCENT AND A MAXIMUM OF 10 PERCENT OF ORGANIC MATTER AS DETERMINED BY LOSS BY IGNITION. NOT MORE THAN 65 PERCENT SHALL PASS A NO. 200 SIEVE AS DETERMINED BY THE WASH TEST IN ACCORDANCE WITH ASTM D 1140. IN NO INSTANCE SHALL MORE THAN 20% OF THAT MATERIAL PASSING THE NO. 4 SIEVE CONSIST OF CLAY SIZE

ALL AREAS TO BE SEEDED SHALL MEET THE SPECIFIED GRADES AND SHALL BE FREE OF GROWTH AND DEBRIS. CARE SHALL BE TAKEN TO PREVENT THE FORMATION OF LOW PLACES AND POCKETS WHERE WATER WILL

WHERE RYEGRASS HAS BEEN PLANTED FOR TEMPORARY EROSION CONTROL AND HAS NOT BEEN ELIMINATED PRIOR TO THE COMPLETION OF THE WORK, SUCH AREAS SHALL BE DISC-HARROWED AT LEAST 3" DEEP AND SEEDED WITH PERMANENT GRASSES TO PREVENT THE RYEGRASS FROM RESEEDING AND BECOMING COMPETITIVE WITH AND RETARDING DEVELOPMENT OF THE PERMANENT COVER. SEEDING AND INITIAL FERTILIZING SHALL BE DONE BETWEEN APRIL 1 AND JUNE 1, BETWEEN AUGUST 15 AND

OCTOBER 14, OR AS PERMITTED. SEEDING SHALL NOT BE DONE DURING WINDY WEATHER OR WHEN THE GROUND IS FROZEN, EXCESSIVELY WET, OR OTHERWISE UNTILLABLE. IF SEEDING IS DONE DURING JULY OR AUGUST, ADDITIONAL MULCH MATERIAL MAY BE REQUIRED BY THE ENGINEER.

FERTILIZER SHALL BE UNIFORMLY APPLIED. THE RATE OF APPLICATION SHALL BE A RATE OF 2.0 POUNDS OF NITROGEN PER 1,000 SQUARE FEET. NOT LESS THAN THREE MONTHS SHALL ELAPSE BETWEEN THE INITIAL FERTILIZATION AND THE REFERTILIZATION. NO REFERTILIZATION WILL BE ALLOWED BETWEEN NOVEMBER 1, OR WHEN THE GROUND HAS FROZEN, AND THE FOLLOWING APRIL 1, OR BETWEEN JUNE 1 AND THE FOLLOWING SEPTEMBER 1. REFERTILIZATION WILL BE ALLOWED BETWEEN AUGUST 15 AND 31 ONLY WHEN IT IS DETERMINED THAT THE PERMANENT GRASSES HAVE DEVELOPED WELL AND FEW WEEDS HAVE APPEARED, AND SUCH REFERTILIZATION WILL NOT TEND TO PROMOTE THE GROWTH OF NOXIOUS WEEDS. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND CARING FOR SEEDED AREAS UNTIL ACCEPTANCE OF THE WORK. CONTRACTOR SHALL REPAIR AT HIS OWN EXPENSE ANY DAMAGE TO SEEDED AREAS CAUSED BY PEDESTRIAN OR VEHICULAR TRAFFIC OR OTHER CAUSES. . THE SEEDED AREAS SHALL BE CAREFULLY AND SUITABLY WATERED AS NECESSARY TO PRODUCE A

12. AREAS SEEDED WITH PARK SEED SHALL BE MOWED WHENEVER NECESSARY TO KEEP THE GROWTH BETWEEN 3 AND 6" IN ORDER TO ALLOW LIGHT TO PENETRATE TO THE SHORTER, SLOWER GROWING SPECIES IN THE

13. AREAS SEEDED WITH SLOPE SEED MAY BE ORDERED MOWED WHENEVER THE CONTRACT EXTENDS INTO A SECOND GROWING SEASON. WEEDS GROWING IN AREAS SEEDED WITH THE SLOPE SEED SHALL BE CUT BACK TO PREVENT THEM FROM DOMINATING THE DESIRED GRASS PLANTS

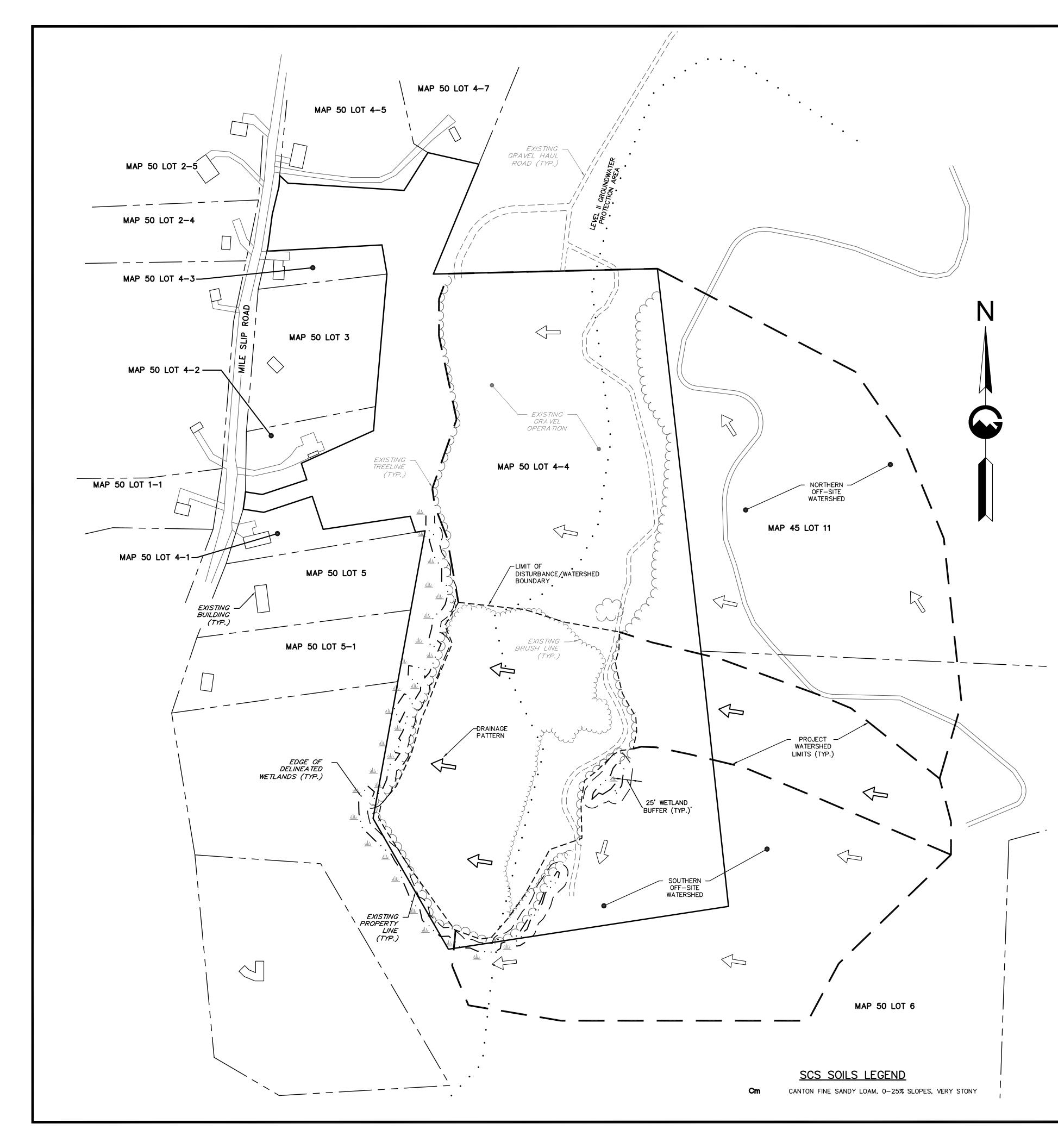
	TYPICAL	LAWN MIX	
	MINIMUM PURITY (%)	MINIMUM GERMINATION (%)	POUNDS/ACRE (TOTAL 120 LBS)
SCUE	96	85	40
ASS	98	90	50
RASS	97	85	25
	95	80	5

SLOPE	SEED (3:1	OR	GREATER	NHDOT	TYPE	44)	

	MINIMUM PURITY (%)	MINIMUM GERMINATION (%)	POUNDS/ACRE (TOTAL 80 LBS)
SCUE	96	85	35
ASS	98	90	30
	95	80	5
	97	90	5
I	98	80	5

TURF ESTABLISHMENT SPECIFICATIONS

		M MMMAN					GRANITE			civil engineering	land planning	municipal services
	ВҮ	BJC										
REVISIONS	COMMENTS	PROJECT SUBMITTAL										
	No. DATE	0 09/16/2019										
ER: IC CREEK SAND AND GRAVEL II	OWNER: SPRING CREEK SAND AND GRAVEL, LLC 320 MILE SLIP ROAD MILFORD, NH 03055-3310 BOOK 7731 PAGE 2619 APPLICANT: APPLICANT: LEIGHTON A. WHITE, INC. 138 ELM STREET MILFORD, NH 03055											
NWO	320 MIL	BOOK 773				APPLICANT:		138 ELM STRE	MILFORD, NH C			
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SEE EXCAVATION/RECLAMATION PLAN EROSION CONTROL BMPS SEE EXCAVATION/RECLAMATION PLAN FOR STUMP REMOVAL AREA SEE EXCAVATION/RECLAMATION PLAN FOR STOCKPILE, EQUIPMENT, & STAGING AREAS

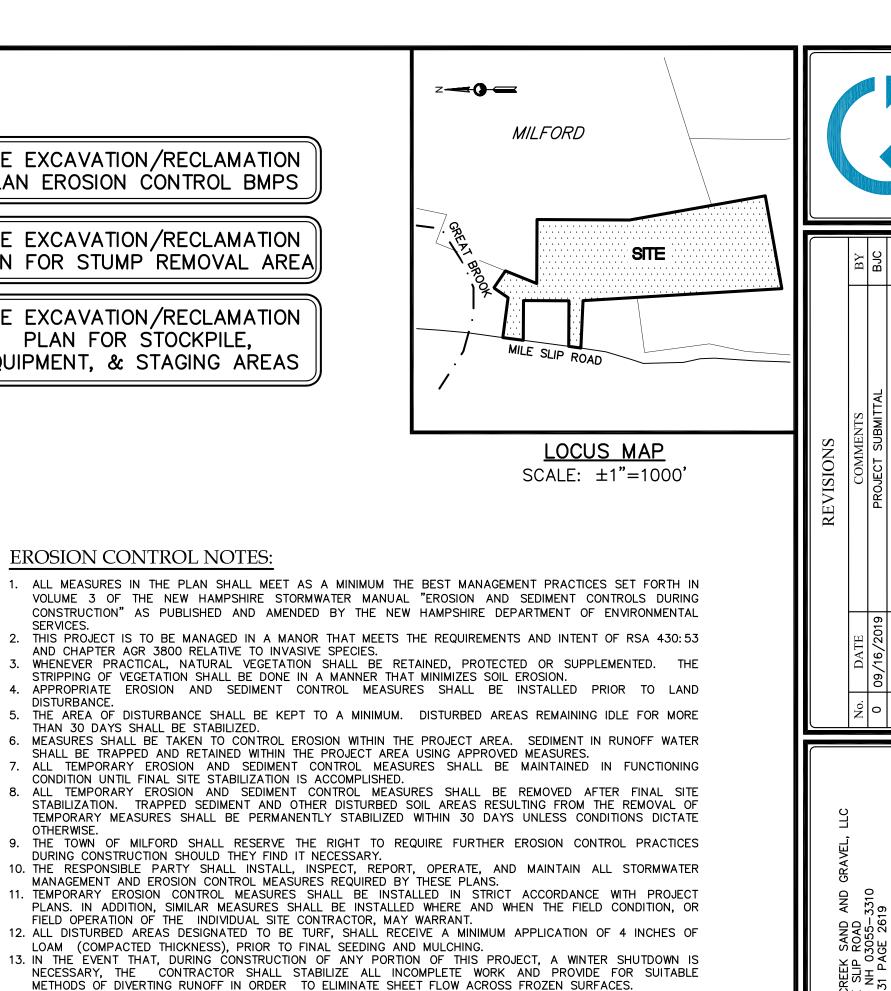
EROSION CONTROL NOTES:

- SERVICES.
- AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

- DISTURBANCE.
- THAN 30 DAYS SHALL BE STABILIZED.
- CONDITION UNTIL FINAL SITE STABILIZATION IS ACCOMPLISHED.
- OTHERWISE.
- DURING CONSTRUCTION SHOULD THEY FIND IT NECESSARY.
- FIELD OPERATION OF THE INDIVIDUAL SITE CONTRACTOR, MAY WARRANT.
- 14. DUST SHALL BE CONTROLLED BY THE USE OF WATER AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD, IN ACCORDANCE WITH ENV-A 1000.
- METHODOLOGIES MAY WARRANT.
- 18. PERIMETER CONTROLS MUST BE INSTALLED PRIOR TO EARTHWORK 19. EROSION CONTROL MEASURES USED SHALL BE INSPECTED AT LEAST WEEKLY AND WITHIN 24 HOURS AFTER
- THROUGHOUT THE CONSTRUCTION PERIOD.
- AND MAINTENANCE TO MAINTAIN DESIGN INTENT IS REQUIRED.
- INCOMPLETE WORK AND PROVIDE FOR SUITABLE METHODS OF DIVERTING RUNOFF IN ORDER TO ELIMINATE
- SHEET FLOW ACROSS FROZEN SURFACES.
- RIP RAP HAS BEEN INSTALLED; OR
- 23. ALL DUST SHALL BE CONTROLLED BY THE USE OF WATER IN ACCORDANCE WITH ENV-A 1000.
- WITH THE ENGINEER.
- CONSTRUCTION" ON ALL 3:1 SLOPES OR GREATER.
- 27. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS.

LEGEND

<u> </u>	ABUTTER LINE PROPERTY LINE
	WETLAND
	TREELINE
	BRUSHLINE
	EDGE OF GRAVEL
	GROUNDWATER PROTECT
	BUILDING SETBACK
	WETLAND BUFFER
	WATERSHED BOUNDARY



15. IN NO WAY ARE THOSE TEMPORARY EROSION CONTROL MEASURES INDICATED ON THESE PLANS TO BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL USE JUDGEMENT IN INSTALLING SUPPLEMENTARY EROSION CONTROL MEASURES WHERE AND WHEN SPECIFIC SITE CONDITIONS AND/OR CONSTRUCTION

16. EARTHWORK SHALL BE LIMITED TO THE AREAS WITHIN THE LIMITS OF CLEARING AS SHOWN ON THE PLAN. AT NO TIME SHALL MORE THAN FIVE (5) ACRES OF SITE AREA BE IN AN UNSTABLE CONDITION. NO GIVEN AREA OF THE SITE SHALL BE LEFT IN AN UNSTABILIZED CONDITION FOR A PERIOD OF TIME EXCEEDING THIRTY

(30) CALENDAR DAYS. 17. 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.

0.25" OF RAINFALL OR MORE. ALL DEFICIENCIES SHALL BE FIXED IN ORDER TO KEEP OPERATION EFFECTIVE. THEY SHALL BE CLEANED AND MAINTAINED AND OTHERWISE KEPT IN AN EFFECTIVE OPERATING MANNER 20. ALL STORMWATER PRACTICES AND DRAINAGE SWALES ARE TO BE INSTALLED PRIOR TO ROUGH GRADING OF THE SITE. THEY SHOULD BE FULLY STABILIZED PRIOR TO RECEIVING STORMWATER. PERIODIC INSPECTION 21. ALL DISTURBED AREAS DESIGNATED TO BE TURF, SHALL RECEIVE THE REQUIRED AMOUNT OF LOAM (COMPACTED THICKNESS), PRIOR TO FINAL SEEDING AND MULCHING. 22. IF DURING CONSTRUCTION A WINTER SHUTDOWN IS NECESSARY, THE CONTRACTOR SHALL STABILIZE ALL

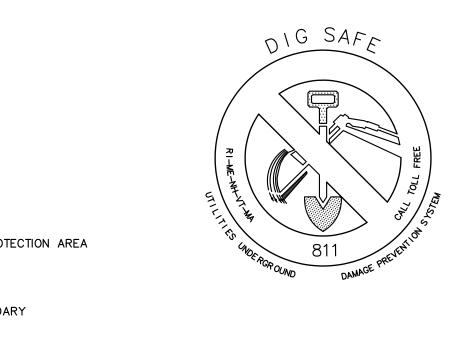
23. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED: A. BASE COURSE GRAVELS ARE INSTALLED IN AREAS TO BE PAVED;

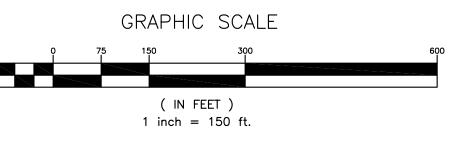
B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR

D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

24. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION AND SEDIMENT CONTROL DÉVICES ARE REQUIRED, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY DEVICES OR CONSULT 25. JUTE MATTING INSTALLED TO CONFORM WITH THE RECOMMENDED BEST MANAGEMENT PRACTICE OUTLINED IN VOLUME 3 OF THE NEW HAMPSHIRE STORMWATER MANUAL "EROSION AND SEDIMENT CONTROLS DURING

26. ALL ROADWAYS AND PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS.





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REVISIONS	COMMENTS	PROJECT SUBMITTAL										
	DATE	09/16/2019										
	No.	60 0										
OWNER: SPRING CRFFK SAND AND GRAVEL I	320 MILE SLIP ROAD	MILFURU, NH UJUDD-JJIU 1800K 7731 PAGE 2619				APPLICANT:		138 ELM STREET	ORD, NH 03055			
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