

The State of New HampshileOUG09'23 AM11:56 RCU Department of Environmental Services

Robert R. Scott, Commissioner

August 3, 2023

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His Excellency, Governor Christopher T. Sununu and The Honorable Council State House Concord, NH 03301

REQUESTED ACTION

Approve 227 Market Street, LLC and NH State Port Authority's request to perform the following work on Piscataqua River in Portsmouth pursuant to NH Department of Environmental Services (NHDES) Wetlands Bureau permit #2023-00232, and in accordance with RSA 482-A:3. No comments were submitted by the Portsmouth Conservation Commission regarding the project as proposed.

Impact 1,201 square feet (SF) within the previously developed upland tidal buffer zone to install two replacement bollard moorings and impact 2,428 SF within the previously developed upland tidal buffer zone for site regrading. Temporarily impact 2,206 SF within the previously developed upland tidal buffer to install a subsurface stormwater treatment system, construction access, and erosion and sedimentation controls. Dredge and fill 26 SF within the bank and channel of the Piscataqua River to construct the discharge outfall for the stormwater treatment system and temporarily impact 25 SF within the bank and channel of the Piscataqua River for construction access and erosion and sedimentation.

Compensatory mitigation for 26 SF of permanent impacts to tidal waters consists of a one-time payment of \$334.61 into the Aquatic Resource Mitigation (ARM) Fund, within the Salmon Falls - Piscataqua Rivers Watershed account.

NHDES imposed the following conditions as part of this approval:

- All work shall be done in accordance with the approved plans dated December 29, 2022, and revised through May 5, 2023, by Tighe & Bond, Inc., and received by the NH Department of Environmental Services (NHDES) on May 10, 2023, in accordance with Env-Wt 307.16.
- 2. In accordance with Env-Wt 314.02(b) and (c), for projects in the coastal area, the permittee shall record any permit issued for shoreline stabilization and any work in the tidal buffer zone and tidal wetlands at the Rockingham County Registry of Deeds. Any limitations or conditions in the permit so recorded shall run with the land beyond the expiration of the permit. The permittee shall provide the department with a copy of the permit stamped by the registry with the book and page and date of receipt.
- 3. Permit issuance is contingent on submittal of a check in the amount of \$334.61 to the Aquatic Resource Mitigation Fund by the applicant as calculated per Env-Wt 803.07 and RSA 482-A:30.
- 4. In accordance with Env-Wt 807.01(b), the payment shall be received by NHDES within 120 days from the approval decision or NHDES will deny the application.

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- 5. All development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction in accordance with Env-Wt 307.07.
- 6. All work associated with the construction of the stormwater outfall shall be done at low tide when the work area is fully exposed in accordance with Env-Wt 609.10(b)(4).
- 7. No activity shall be conducted in such a way as to cause or contribute to any violation of surface water quality standards per Env-Wt 307.03(a).
- 8. All work including management of soil stockpiles, shall be conducted so as to minimize erosion, minimize sediment transfer to surface waters or wetlands, and minimize turbidity in surface waters and wetlands per Env-Wt 307.03(b).
- 9. In accordance with Env-Wt 307.03(c)(3), water quality control measures shall be installed prior to start of work and in accordance with the manufacturer's recommended specifications or, if none, the applicable requirements of Env-Wq 1506 or Env-Wq 1508.
- 10. In accordance with Env-Wt 307.03(c)(1), water quality control measures shall be selected and implemented based on the size and nature of the project and the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to jurisdictional areas.
- 11. In accordance with Env-Wt 307.03(c)(5), water quality control measures shall be maintained so as to ensure continued effectiveness in minimizing erosion and retaining sediment on-site during and after construction.
- 12. In accordance with Env-Wt 307.03(c)(6), water quality control measures shall remain in place until all disturbed surfaces are stabilized to a condition in which soils on the site will not experience accelerated or unnatural erosion by achieving and maintaining a minimum of 85% vegetative cover using an erosion control seed mix, whether applied in a blanket or otherwise, that is certified by its manufacturer as not containing any invasive species; or placing and maintaining a minimum of 3 inches of non-erosive material such as stone.
- 13. In accordance with Env-Wt 307.03(c)(7), temporary water quality control methods shall be removed upon completion of work when compliance with Env-Wt 307.03(c)(6) is achieved.
- 14. Heavy equipment shall not be operated in any jurisdictional area unless specifically authorized by this
- permit, in accordance with Env-Wt 307.15(a).
- 15. In accordance with Env-Wt 307.03(h), equipment shall be staged and refueled outside of jurisdictional areas and in accordance with Env-Wt 307.15.
- 16. In accordance with Env-Wt 307.03(g)(1), the person in charge of construction equipment shall inspect such equipment for leaking fuel, oil, and hydraulic fluid each day prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
- 17. In accordance with Env-Wt 307.03(g)(2), the person in charge of construction equipment shall repair any leaks prior to using the equipment in an area where such fluids could reach groundwater, surface waters, or wetlands.
- 18. In accordance with Env-Wt 307.03(g)(3) and (4), the person in charge of construction equipment shall maintain oil spill kits and diesel fuel spill kits, as applicable to the type(s) and amount(s) of oil and diesel fuel used, on site so as to be readily accessible at all times during construction; and train each equipment operator in the use of the spill kits.

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- 19. In accordance with Env-Wt 307.11(b), limits of fill shall be clearly identified prior to commencement of work and controlled in accordance with Env-Wt 307.03 to ensure that fill does not spill over or erode into any area where filling is not authorized.
- 20. In accordance with Env-Wt 307.11(a), fill shall be clean sand, gravel, rock, or other material that meets the project's specifications for its use; and does not contain any material that could contaminate surface or groundwater or otherwise adversely affect the ecosystem in which it is used.
- 21. In accordance with Env-Wt 307.12(i), wetland areas where permanent impacts are not authorized shall be restored to their pre-impact conditions and elevation by replacing the removed soil and vegetation in their pre-construction location and elevation such that post-construction soil layering and vegetation schemes are as close as practicable to pre-construction conditions.
- 22. In accordance with Env-Wt 307.03(e), all exposed soils and other fills shall be permanently stabilized within 3 days following final grading.
- 23. In accordance with Env-Wt 307.11(c), slopes shall be immediately stabilized by a method specified in Env-Wq 1506 or Env-Wq 1508, as applicable, to prevent erosion into adjacent wetlands or surface waters.

EXPLANATION

- NHDES approved this project on June 14, 2023. NHDES supported its decision with the following findings:
- This project is classified as a major project per Rule Env-Wt 610.17(a)(1), for any dredging, filling, or construction activity, or any combination thereof, that is proposed to occur within 100 feet of the Highest
- Observable Tide Line (HOTL), and that is proposed to alter a tidal shoreline bank and wetlands.
- 2. On February 1, 2023, the Department received correspondence from the NH Fish and Game Department
- (NHF&G) dated February 28, 2022, stating that "the NHFG Nongame and Endangered Wildlife Program does not expect impacts to [the protected anadromous fish species] as a result of the proposed activities."
- 3. NHDES finds that the project as approved and conditioned will not have an unreasonable adverse impact on the value of such areas as sources of nutrients for finfish, crustacea, shellfish and wildlife of significant value, nor will it damage or destroy habitats and reproduction areas for plants, fish and wildlife of importance.
- 4. No comments were received by NHDES from the Portsmouth Conservation Commission about this application.
- 5. On April 11, 2023, the applicant obtained a statement from the Pease Development Authority; Division of Ports and Harbors regarding the projects impact on navigation and passage stating, "[w]e examined the proposed site and found that the structure will have no negative effect on navigation in the channel," per Rule Env-Wt 603.09.
- 6. Pursuant to Env-Wt 605.03(a), compensatory mitigation is required as the project impacts tidal wetlands that are intended to remain when the proposed project is completed.
- 7. NHDES has accepted an in-lieu mitigation payment pursuant to Per Rule Env-Wt 803.10(e), to be deposited in the ARM fund for the Salmon Falls - Piscataqua Rivers watershed per RSA 482-A:29 as mitigation to offset the impacts associated with the approved 26 SF of permanent impacts to tidal waters.
- 8. NHDES finds that the requirements for a public hearing, as established in RSA 482-A, do not apply as the project will not have a significant environmental impact, as defined in New Hampshire Administrative Rule Env-Wt 104.19, on the resources protected by RSA 482-A, and, is not of substantial public interest, as defined in New Hampshire Administrative Rule Env-Wt 104.32.

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9. The NHDES finds that the project as proposed and conditioned meets the requirements of RSA 482-A and the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100-1000. No waivers of RSA 482-A or the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100-1000 were requested or approved under this permit action.

NHDES Wetlands Bureau permit #2023-00232 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in New Hampshire public waters.

We respectfully request your approval of this item.

Robert R. Scott Commissioner

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water Division/Land Resources Management	
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A person may request a waiver to the requirements in Rules Env-Wt 100-900 to accommodate situation	ns where strict
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nformation, please consult the <u>request form</u> .	5 5
SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env. Wt 306.05) RSA 482-A.3-1(d)[2])	
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SECTION 5 - AUTHORIZED AGENT INFORMATION (En	v-Wt311:04(c))		
LAST NAME, FIRST NAME, M.I.: Neilakhansen		8	81. S
COMPANY NAME: Tighe & Bond, Inc.	14 - T	13	
MAILING ADDRESS: 1772:Corporate Drive	83 10 F	E 6 9	
OWN/CITY: Porsmouth		STATE: NH	ZIP CODE: 03801
MAIL ADDRESS: hahansen@tighebond.com			
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Irm@des.nh.gov or (603) 271-2147 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095 www.des.nh.gov

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Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters): The proposed project will provide necessary upgrades to the terminal including the replacement of two undersized bollard moorings and the construction of stormwater management upgrades. The proposed project will have no adverse impact on public commerce, navigation or recreation. The proposed project will have a positive effect on stormwater discharge to the Piscataqua River. There will be no impact on abutting owners. This project proposes the minimum area to be impacted. This project has been designed to avoid resource areas and minimize adverse impacts as it is located within an existing paved area and stone revetment. No impacts to wetlands; all impacts occur in previously distrubed tidal buffer.

SECTION 8. AVOIDANCE AND MINIMIZATION

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a))*. Any project with unavoidable jurisdictional impacts must then be minimized as described in the <u>Wetlands Best Management</u> <u>Practice Techniques For Avoidance and Minimization</u> and the <u>Wetlands Permitting: Avoidance, Minimization and</u> <u>Mitigation Fact Sheet</u>. For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10))*.

Please refer to the application checklist to ensure that you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). You can use the <u>Avoidance and Minimization</u> <u>Checklist</u>, the <u>Avoidance and Minimization Narrative</u>, or your own avoidance and minimization narrative.

*See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.

SECTION OF MITIGATION REQUIREMENT (Env: Wt 311/02) > 5 In avoidable (U.I.Sciettonal impacts) could emitigation and tigation pre-application

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Mitigation Pre-Application Meeting Date: Month: 🔛 Day: 📓 Year: 🎆

(X N/A - Mitigation is not required)

egtion/10-5theproject/meets/compensatory/MitigAtion/requirements/(env-Wt31301(a)(1)c)?

Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable:

(X N/A – Compensatory mitigation is not required)

Irm@des.nh.gov or (603) 271-2147 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095 www.des.nh.gov

NHDES-W-06-012

SECTION 11 IMPACT AREA (Env-Wt 311.04(g))

For each jurisdictional area that will be/has been impacted, provide square feet (SF) and, if applicable, linear, feet (LF) of impact, and note whether the impact is after-the-fact (ATF; i.e., work was started or completed without a permit). For intermittent and ephemeral streams, the linear footage of impact is measured along the thread of the channel. Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule. Env-Wt 309.02(d), however other dredge or fill impacts should be included below.

For perennial streams/rivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks

Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials). Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

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	Scrub-shrub Wetland		5				\$
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Ŀ	Intermittent / Ephemeral Stream			<u>لا</u>	2764		
Vat	Perennial Stream or River				553		
Surface Water	Lake / Pond			E	10-12-1		
Tac	Docking - Lake / Pond	FE CON					1
S	Docking - River	8499		E			
_	Bank - Intermittent Stream	236	855		1203	STORE OF	極
Banks	Bank - Perennial Stream / River	5564					
63	Bank / Shoreline - Lake / Pond						
	Tidal Waters	的影	認識	E I	75		1
	Tidal Marsh	1265					
ē	Sand Dune		Ref States			12/10/1d	
ligal	Undeveloped Tidal Buffer Zone (TBZ)				236		
	Previously-developed TBZ				6600	2	2
Î	Docking - Tidal Water	1		1			<u> </u>
	TOTAL		1446		6675	100 AL	
	TION:12: APPLICATION FEE (RSA 482:A:371) MINIMUM IMPACT FEE: Flat fee of \$400. NON-ENFORCEMENT RELATED, PUBLICLY-FUND MPACT CLASSIFICATION: Flat fee of \$400 (refe	DED AND SU r to RSA 482	PERVISED 2-A:3, 1(c) f	RESTORATIO or restrictio	ON PROJEC ns).	TS, REGARDL	19
Ĵ N	MINOR OR MAJOR IMPACT FEE: Calculate using	the table b	elow:				10 7000 20
	Permanent and temporary	(non-docki	ng): 6,675	SF		× . \$0.40 =	\$ 21670
	Seasonal doo	cking struct				× \$2.00 =	\$ 1000
	Permanent do			• <u> </u>		× \$4.00 =	\$ 200 A
	Projects pro	posing shore	eline struct	tures (includ	ling docks)	add \$400 =	\$ 1888
	(6: A)	82		See. 1	1 Pu. 1	Total =	\$ 2,67.0
1.9					2	•	
ne	application fee for minor or major impact is th	e above cal	culated tot	al or \$400,	whichever	is greater =	\$ 2/670

www.des.nh.gov

Section 1 Wetland Permit Application - Standard Review (Major Impact)

Ľ,

Tighe&Bond

- 1

List of Owners

227 Market Street

Tax Map 119, Lot 6 Jaqueline Mahoney 227 Market Street LLC

> 315 Market Street Tax Map 119, Lot 5. Geno Marconi NH State Port Authority

Wetland Standard Major Impact Permit Application

1

3

Owner's Letter of Authorization

This letter is to authorize <u>Granite State Minerals Inc.</u> (Applicant) to represent the interest of <u>227 Market Street. LLC</u> (owner) in any and all permitting matters involving the City of Portsmouth and/or the State of New Hampshire in connection with (i) the mooring improvement project as shown on the Appledore Marine Engineering, LLC, Mooring Improvements plans dated June 4, 2019, and (ii) the stormwater improvement project as shown on the Tighe & Bond Proposed Stormwater Improvements plans dated March 8, 2022 (the "Projects") at 227 Market Street, LLC's property located at

New Hampshire identified as Tax Map 119 Lot 6. This authorization shall relate to those activities that are required for local, state and federal permitting for the above project and include any required signatures for those applications. This authorization will be valid until and terminate on December 31, 2023 and will not be valid in the event of any material change to the projects, which will require further authorization.

hom the form Signature Witness

Sean Mahoney, as Power of Attorney for Jaqueline Mahoney, Manager of 227 Market Street LLC

Print Name

Patricia Kelly

Print Name

Date

4/27/2022

4/27/2022

Date

(E-5027-001 (owner auth form).docx)

Owner's/Agent Letter of Authorization

This letter is to authorize <u>Tighe & Bond, Inc.</u> (Civil Engineer), to represent and submit on behalf of <u>Granite State Minerals</u> (Applicant), applications and materials in all site design and permitting matters for the proposed project at 227 Market Street in Portsmouth, New Hampshire. These projects include (i) the mooring improvement project as shown on the Appledore Marine Engineering, LLC, Mooring Improvements plans dated June 4, 2019, and (ii) the stormwater improvement project as shown on the Tighe & Bond Proposed Stormwater Improvements plans dated December 29, 2022 (the "Projects") at 227 Market Street, LLC's property located at ______, Portsmouth New Hampshire identified as Tax Map 119 Lot 6. This authorization shall relate to those activities that are required for local, state and federal permitting for the above project and include any required signatures for those applications. This authorization will be valid until and terminate on December 31, 2023 and will not be valid in the event of any material change to the projects, which will require further authorization.

Shelagh E. Mahane Signature

Shelash E. Mahuney Print Name

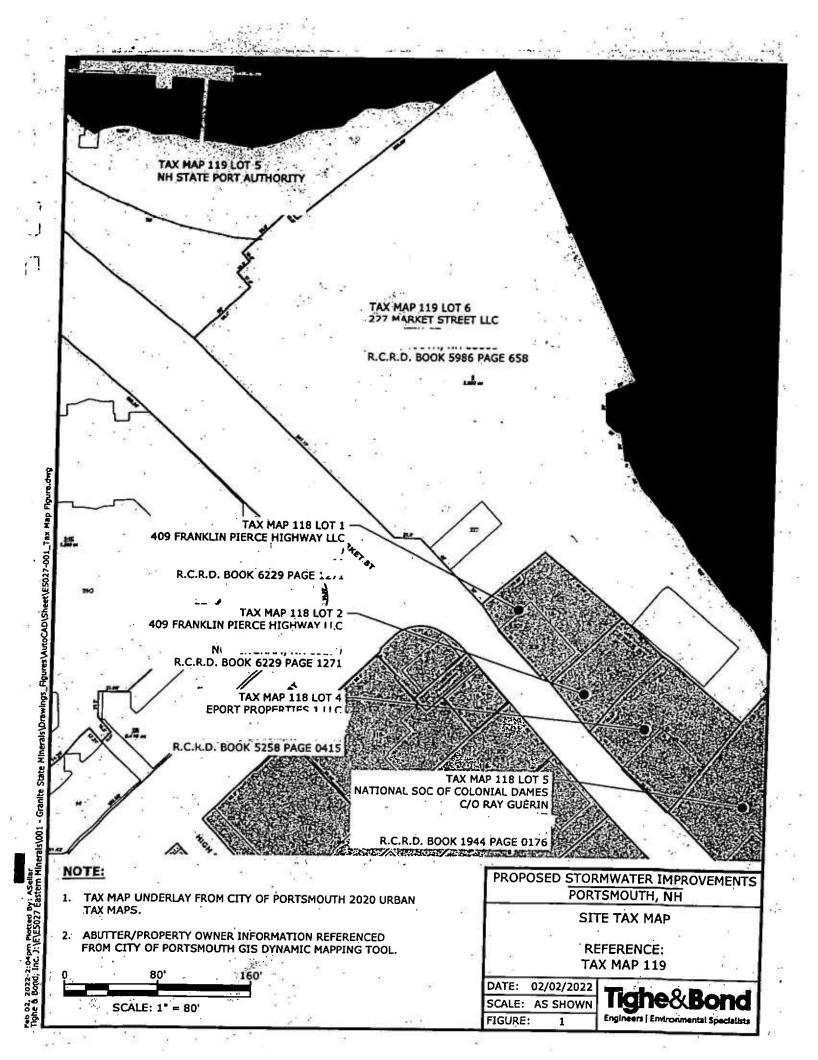
1/12/2023 Date

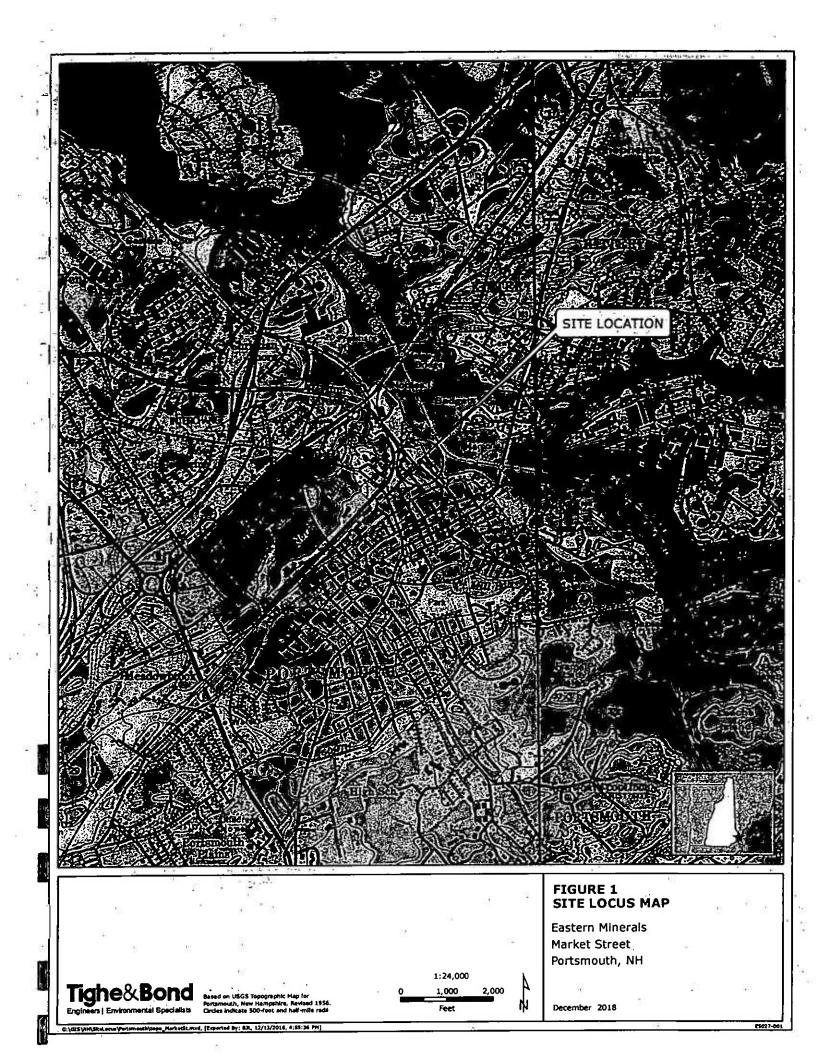
Verene Kelly Witness

(E-5027-001 (eng auth form).docx)

Teresa Kelly Print Name

1/12/2023







The State of New Hampshire Department of Environmental Services



Robert R. Scott, Commissioner

This application contains confidential information from the NH Natural Heritage Bureau (NHB) Datacheck tool provided by the NH Department of Natural and Cultural Resources, NHB. This information is being withheld from disclosure to the public.

Please direct all questions regarding the confidential information to Pamela G. Monroe, Legal Unit Administrator, NH Department of Environmental Services, at: pamela.g.monroe@des.nh.gov, or (603) 271-3137.

Abutters List

Proposed Site Improvements 227 Market Street Portsmouth, New Hampshire

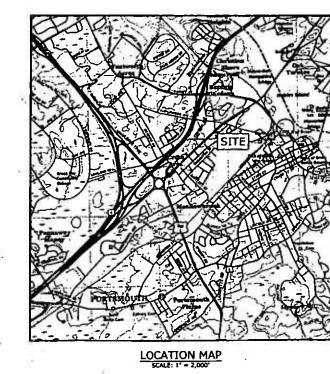
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	ABUTTERS 409 Franklin Pierce Highway LLC	a an	<u>MAP #</u> 118 118	<u>LOT #</u> 1 2	ε0
	Eport Properties 1 LLC		118	4	2
	National Society of Colonial Dames c/o Ray Guerin	2	118 #7	5	
8	<u>OWNERS</u>	2	020	*	25
	NH State Port Authority		119	5	29
	227 Market Street, LLC		119	6	ir K
	APPLICANT	<i>ti:</i>		а "	8
	Granite State Minerals c/o Joe McNamee	a •	3 1	8	94 40
, .	ENGINEER Tighe & Bond, Inc.	#1 <i>D</i> 1	29	878	<u>8</u>
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i.	(09.03_145027-001_abutters list.docx)		2 2 2		2 8 8 8 8
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(2)

PROPOSED SITE IMPROVEMENTS 227 MARKET STREET PORTSMOUTH, NEW HAMPSHIRE **PROJECT NO: E5027-001 DECEMBER 29, 2022** LAST REVISED: MAY 5, 2023

LIST OF DRAWINGS SHEET TITLE LAST REVISED SHEET NO 5/5/2023 COVER SHEET C-101 EXISTING CONDITIONS AND DEMOLITION PLAN 5/5/2023 C-102 OVERALL SITE PLAN 5/5/2023 SITE, GRADING, DRAINAGE, AND EROSION CONTROL PLA 5/5/2023 C-102.1 C-103 WETLAND BUFFER IMPACT PLAN 5/5/2023 EROSION CONTROL NOTES AND DETAILS SHEET 12/29/2022 +C-501 DETAILS SHEET 12/29/2022 C-502 12/29/2022 C-503 DETAILS SHEE



PREPARED BY: Tighe&Bond 177 CORPORATE DRIVE PORTSMOUTH, NEW HAMPSHIRE 03801 603-433-8818

OWNERS:

NH PORT AUTHORITY 555 MARKET STREET PORTSMOUTH, NEW HAMPSHIRE 03801

SURVEY CONSULTANT: DOUCET SURVEY, INC. 102 KENT PLACE NEWMARKET, NEW HAMPSHIRE 03110 603-659-6560

1、18日2月18日18月1日1月1日。 11日報道和公共人民的研究中国

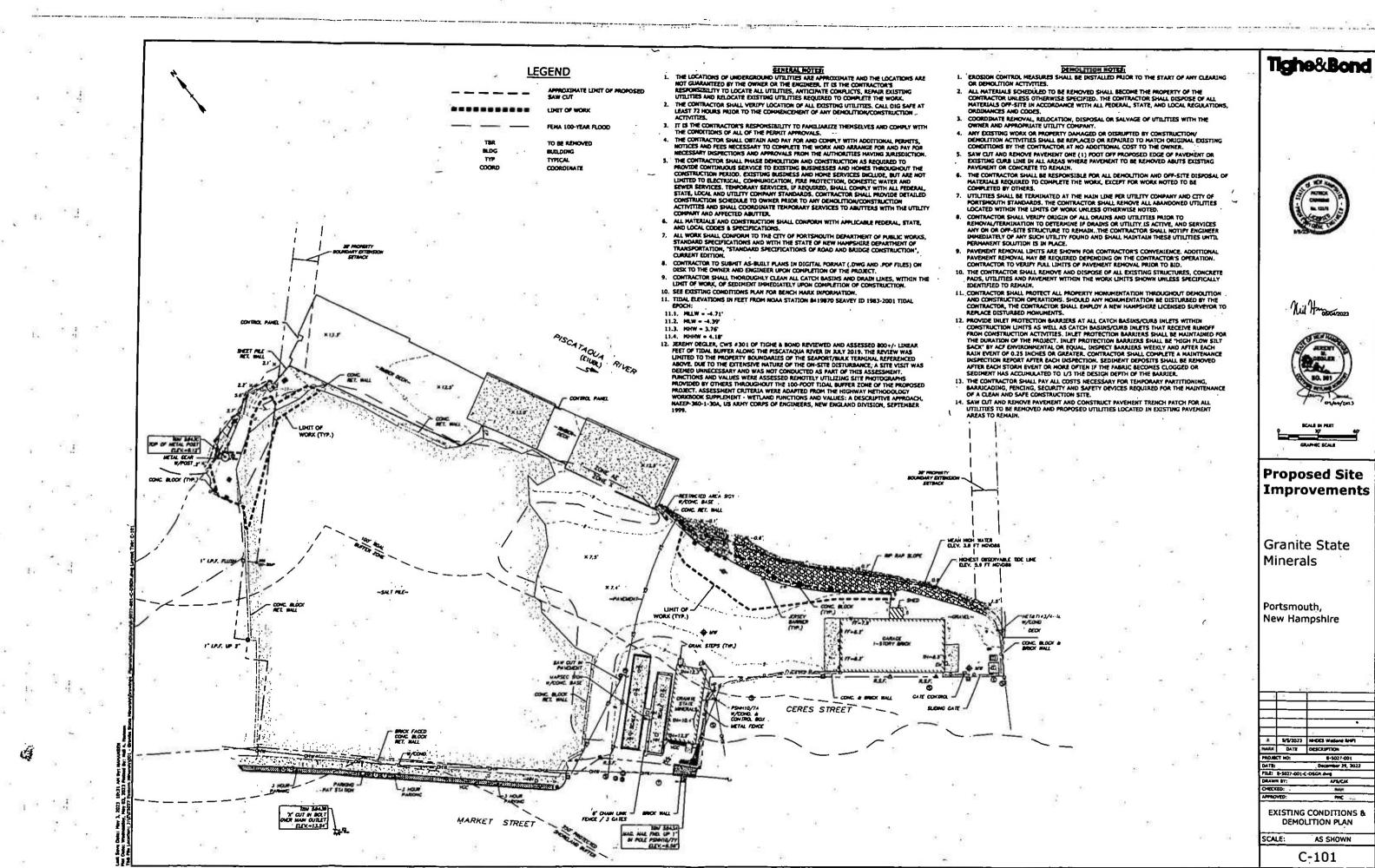
227 MARKET STREET, LLC

APPLICANT: GRANITE STATE MINERALS 227 MARKET STREET PORTSMOUTH, NEW HAMPSHIRE 03801





WETLAND PERMIT APPLICATION **COMPLETE SET 8 SHEETS**



ANY LANGER PART AREADS AND ADDRESS OF TARGET STATE

Tighe&Bond DEMOLITION NOTEST 1. EROSION CONTROL MEASURES SHALL BE INSTALLED PAIOR TO THE START OF ANY CLEARING OR DEMOLITION ACTIVITIES.

2. ALL MATERIALS SCHEDULED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL DISPOSE OF ALL MATERIALS OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES AND CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND OFF-SITE DISPOSAL OF MATERIALS REQUIRED TO COMPLETE THE WORK, EXCEPT FOR WORK NOTED TO BE COMPLETED BY OTHERS.

UTILITIES SHALL BE TERMINATED AT THE MAIN LINE PER UTILITY CONPANY AND CITY OF PORTSHOUTH STANDARDS. THE CONTRACTOR SHALL REMOVE ALL ABANDONED UTILITIES LOCATED WITHIN THE LIMITS OF WORK UNLESS OTHERWISE NOTED.

LOCATED WITHIN THE LIMITS OF WORK UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ORIGIN OF ALL DRAINS AND UTILITIES PRIOR TO REMOVALTERMINATION TO DETERMINE IF DRAINS ON UTILITY. IS ACTIVE, AND SERVICES ANY ON OR OFF-SITE STRUCTURE TO REMAIN. THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF MY SUCH UTILITY FOUND AND SHALL MAINTAIN THESE UTILITIES UNTIL PERMANENT SOLUTION IS IN PLACE.

PAVEMENT REMOVAL LIMITS ARE SHOWN FOR CONTRACTOR'S CONVENIENCE. ADDITIONAL PAVEMENT REMOVAL MAY BE REQUIRED DEPENDING ON THE CONTRACTOR'S OPERATION. CONTRACTOR TO VERIFY PULL LIMITS OF PAVEMENT REMOVAL PRIOR TO BID.

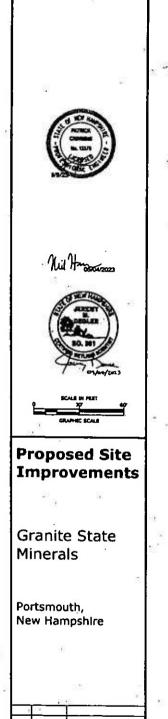
10. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, CONCRETE PADS, UTILITIES AND FAVENENT WITKIN THE WORK LIMITS SHOWN UNLESS SPECIFICALLY IDENTIFIED TO REMAIN.

LICONTRACTOR SHALL PROTECT ALL PROPERTY MONUMENTATION THROUGHOUT DEMOLITION AND CONSTRUCTION OPERATIONS. SHOULD ANY MONUMENTATION BE DISTURSED BY THE CONTRACTOR, THE CONTRACTOR SHALL EMPLOY A NEW HAMPSHIRE LICENSED SURVEYOR TO REFLACE DISTURBED MONUMENTS.

REFLACE DISTURBED HONUMENTS. 12. PROVIDE FULET PROTECTION BARRIERS AT ALL CATCH BASINS/CURB INLETS WITHIN 12. CONSTRUCTION LIMITS AS WELL AS CATCH BASINS/CURB INLETS THAT RECEIVE RUNOFF PROM CONSTRUCTION LIMITS AS WELL AS CATCH BASINS/CURB INLETS THAT RECEIVE RUNOFF PROM CONSTRUCTION ACTIVITIES. INLET PROTECTION BARRIERS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. INLET PROTECTION BARRIERS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. INLET PROTECTION BARRIERS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. INLET PROTECTION BARRIERS SHALL BE MAINTAINED FOR BAIN EVENT OF 0.25 INCHES OR GREATER. CONTRACTOR SHALL COMPLETE A MAINTEMANCE INSPECTION REPORT AFTER BACH USSPECTION. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT OR NORE OFTEN IT THE FARRICE SECOMES CLOGGED OR SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DETH OF THE BARRIER.

13. THE CONTRACTOR SHALL PAY ALL COSTS RECESSARY FOR TEMPORARY PARTITIONING, BARRICADING, FENCING, SECURITY AND SAFETY DEVICES REQUIRED FOR THE MAINTENANCE OF A CLEAN AND SAFE CONSTRUCTION SITE.

14. SAW OUT AND REHOVE PAVEMENT AND CONSTRUCT PAVEMENT TRENCH PATCH FOR ALL UTILITIES TO BE REMOVED AND PROPOSED UTILITIES LOCATED IN EXISTING PAVEMENT AREAS TO REMAIN.



\$/\$/2023 HHDCS We NAME DATE DESCRIPTION

LE: 8-5027-001-C-DSCH.dwg

EXISTING CONDITIONS &

DEMOLITION PLAN

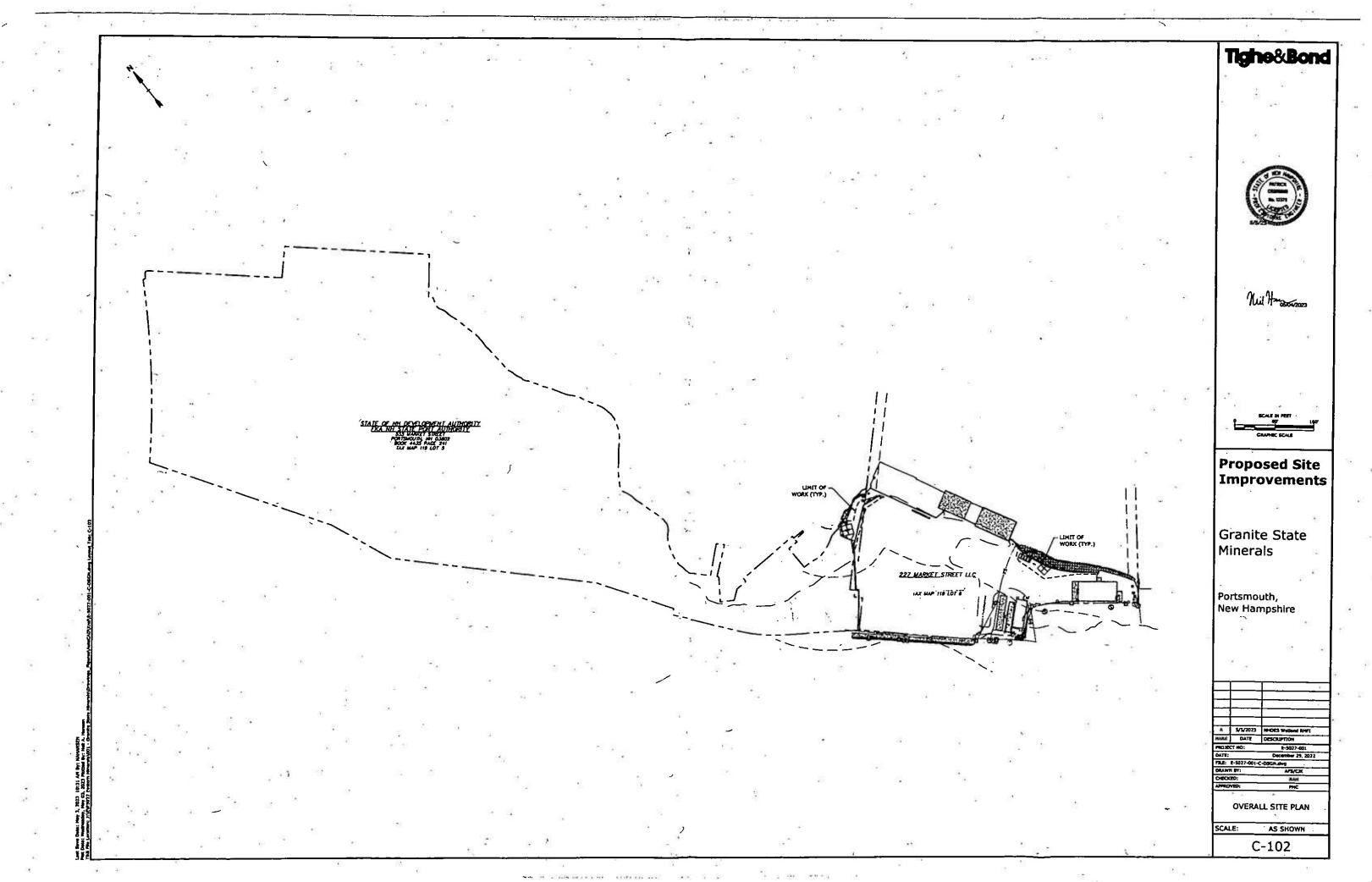
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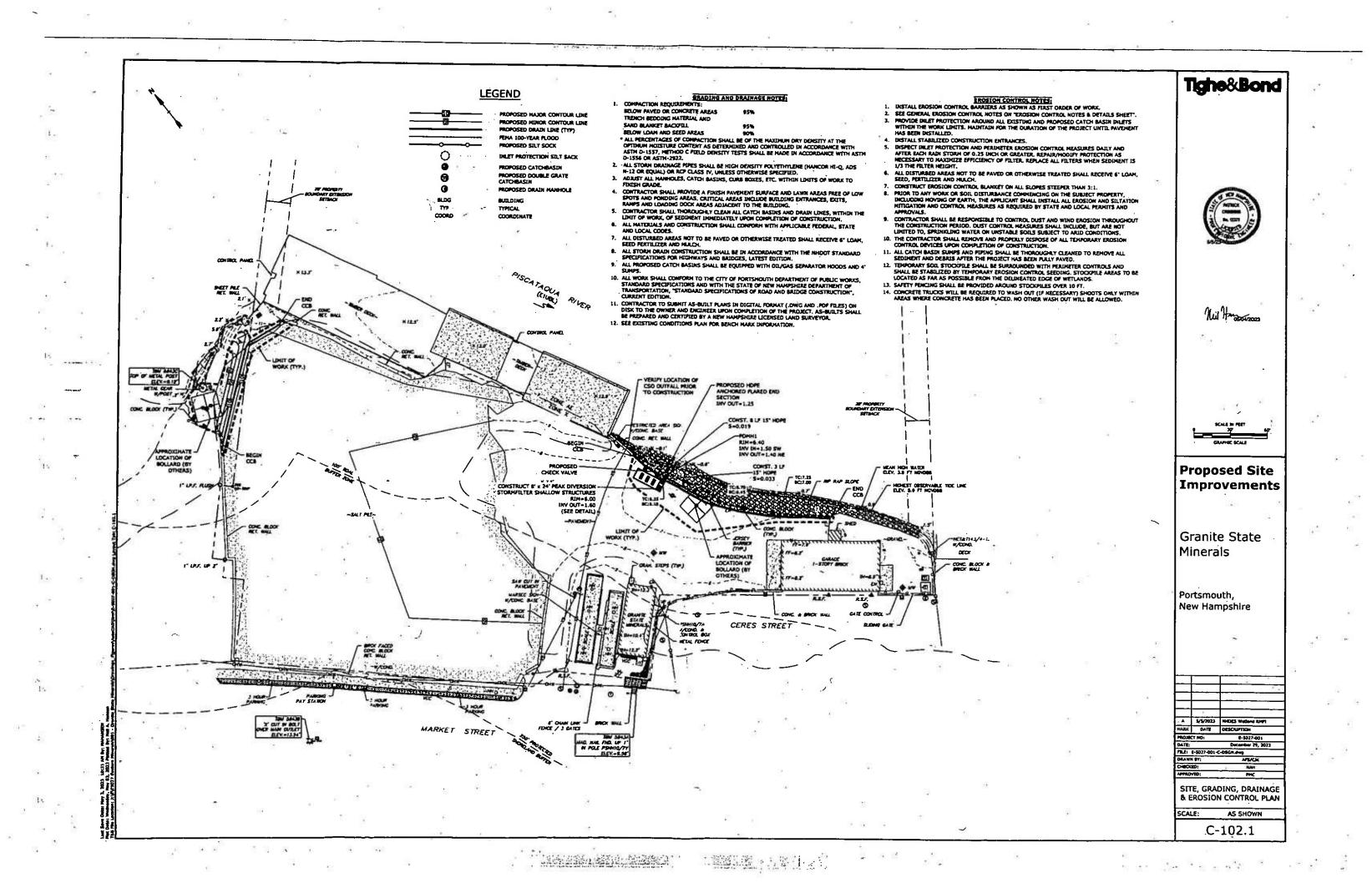
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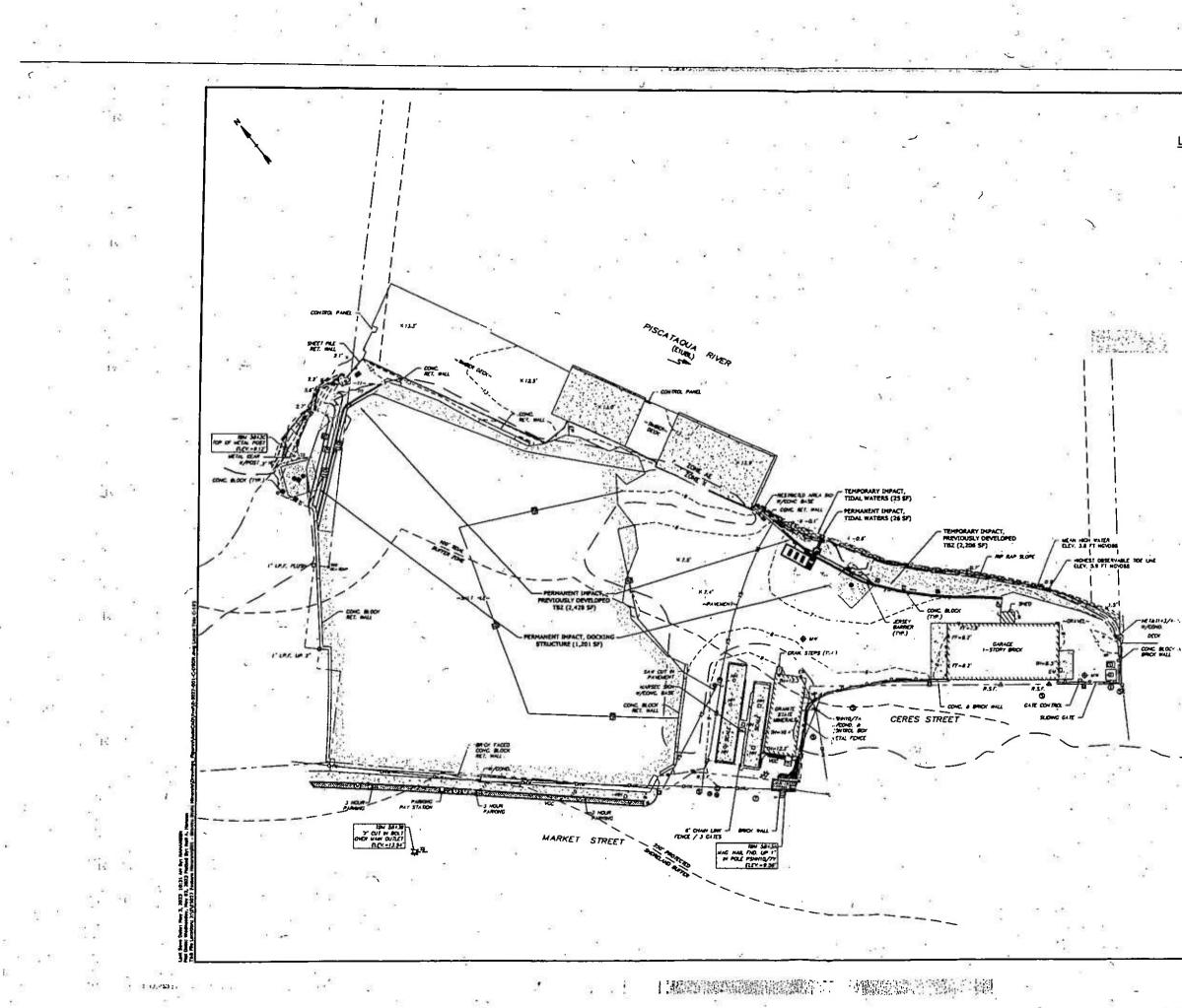
SCALE:

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AS SHOWN







Tighe&Bond LEGEND 12.1 TEMPORARY IMPACTS TIDAL WATERS (25 SP) TEMPORARY IMPACTS IREVIOUSLY DEVELOPED TBZ (2,206 SF) PERMANENT IMPACTS TIDAL WATERS (26 SF) PERMANENT IMPACTS PREVIOUSLY DEVELOPED TBZ (2,428 SF) PERMANENT INFACTS DOCIDING STRUCTURE (1,201 SF) Neil Hanging · : • • **Proposed Site** Improvements 8. T. Granite State Minerals 111 Portsmouth, New Hampshire HANK CATE LE: 8-9037-001-C-05GH.A-APS/CH WETLAND BUFFER IMPACT SCALE: AS SHOWN C-103

FENERAL PROJECT INFORMATION ROJECT OWNER: 227 MARKET STREET ILC 27 AUSTIN STREET

PROJECT MANE: PROPOSED STORIAWATER DIPROVEMENTS PROJECT MANE: PROPOSED STORIAWATER DIPROVEMENTS PROJECT ADDRESS: 227 MARKET STREET PORTSHOUTH MH (13801

PROJECT MAP / LOT: MAP 119 / LOT 6 PROJECT MAP / LOT: MAP 119 / LOT 6 PROJECT LATITUDE: 43*-04'-49*N PROJECT LONGITUDE: 70*-45*-34*W

PROJECT DESCRIPTION THE PROJECT CONSISTS OF CONSTRUCTING STORNWATER IMPROVEMENTS IN ORDER TO COMPLY WITH AN EMA MSGP AND THE REPLACEMENT OF TWO (2) EXISTING BOLLARD NOORINGS. THE WORK IS ANTICIPATED TO START IN FALL 2019, AND BE COMPLETED BY FALL 2020.

DISTURSED AREA THE TOTAL AREA TO BE DISTURBED IS LESS THAN I ACRE.

MANE OF RECEIVING WATERS THE STORMWATER RUNOFF FROM THE SITE WILL BE DISCHARGED VIA A PROPOSED OUTFALL TO THE PISCATAQUA RIVER.

- EDNSTRUKTION SEQUENCE OF MAJOR ACTIVITIES: CONSTRUCT TENPORARY AND PERMANENT SEDUNENT, EROSION AND DETENTION CONTROL PACLITES, EROSION, SEDURENT AND DETENTION MEASURES SWALL BE INSTALLED REIDR TO ANY EARTH MOVING OPENATIONS THAT WILL UNFLIENCE STORHWATER RUNOFF SUCH AS: DISPOSAL OF SEDURENT SPOIL AND OTHER SOLLD WASTE RUDOD PLAIN EXCAVATION WORK

- CONTROL OF DUST NEARNESS OF CONSTRUCTION SITE TO RECEIVING WATERS

- NEARNESS OF CONSTRUCTION SITE TO RECEIVING WATERS CLEAR AND DISPOSE OF DEBLS. CONSTRUCT TEMPORARY CLEVERTS AND DIVERSION CHANNELS AS REQUITED. GRADE AND GRAVEL ROADWAYS AND PARKING AREAS ALL ROADS AND PARKING AREA SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE. DALLY, OR AS REQUIRED, CONSTRUCT TEMPORARY BEINS, DUTCHES, PERIMETER ENOSION CONTROL, NEASURES, SEDIMENT TRAPS, ETC. FINISH MYNER ALL ROADWAYS AND PARKING LOTS. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES. REMOVE TRAPPED SEDIMENTS FROM COLLECTOR DEVICES AS APPROPRIATE AND THEM BENOVE TRAPPED SEDIMENTS FROM COLLECTOR DEVICES AS APPROPRIATE AND THEM BENOVE TRAPPED SEDIMENTS FROM COLLECTOR DEVICES AS APPROPRIATE AND THEM REMOVE TEMPORARY EROSION CONTROL MEASURES.

- SPECIAL CONSTRUCTION MOTES: 1. THE CONSTRUCTION SEQUENCE MUST LIMIT THE DURATION AND AREA OF DISTURBANCE.
- THE PROJECT IS TO BE MANAGED IN A MAINER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

- EROSION CONTROL NOTES: ALL EROSION CONTROL MEASURES AND PRACTICES SHALL CONFORM TO THE VIEW MARSHERE STOLAWATTER AWALAL VOLUME 3: EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTOR' HARAND BY THE NINDS: PRIOR TO MAY WORK OR SOIL DISTURBANCE, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EROSION CONTROL RESURES AS REQUIRED IN THE IROJECT MANUAL 3. CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL BARDERS, INCLUDING HAY BALES, SLIT FERCES, MUCH BERNS, SILT SACKS AND SILT SOCKS AS SHOWN IN THESE DRAWINGS AS THE FIRST ORDER OF WORK. 4. SLIT SACK INLET MOTECTION SHALL BE INSTALLED IN ALL EXISTING AND PROPOSED CATCH BASIN DALETS. WITHIN THE WORK LIMITS AND BE MAINTAINED FOR THE OURATION OF THE PROJECT. PROJECT.
- PRIMETER CONTROLS INCLIDING SILT FENCES, MULCH BERM, SILT SOCK, AND/OR HAY BALE BARAIERS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT UNTIL NON-PAVED AREAS HAVE BEEN STABILIZED. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL TEMPORARY EROSION
- CONTROL DEVICES UPON COMPLETION OF CONSTRUCTION. ALL DISTURBED AREAS NOT OTHERWISE BEING TREATED SHALL RECEIVE 6" LOAM, SEED AND
- INSPECT ALL INLET PROTECTION AND PERIMETER CONTROLS WEDLY AND AFTER EACH RAIN STORM OF 0.25 INCH OR GREATER. REPAIR/MODIFY PROTECTION AS NECESSARY TO NAXIMIZE EFFICIENCY OF FILTER. REPLACE ALL FILTERS WHEN SEDIMENT IS 1/3 THE FILTER
- CONSTRUCT EROSION CONTROL BLANKETS ON ALL SLOPES STEEPER THAN 3:1.

- ETABLIZATION: 1. AN AREA SHALL BE CONSIDERED STABLE WHEN ONE OF THE FOLLOWING HAS OCCURRED: A: BASE COURSE CARAVES HAVE BEEN INSTALLED IN AREAS TO BE PAVED; B. A MINDHUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; C. A MINDHUM OF 3' OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN

- EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED. IN AREAS TO BE PAVED, "STABLE" MEANS THAT BASE COURSE GRAVELS MEETING THE REQUIREMENTS OF NHOOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION, 2016, ITEM 304.2 HAVE BEEN INSTALLED.
- ITEM 304.2 HAVE BEEN INSTALLED. WINTER STABILIZATION PRACTICES: A. ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF &S PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING ERGISION CONTROL BUNKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF PRUCH PER ACKE, SECURED WITH ANCORED NETTING, ELSEWHERE, THE INSTALLATION OF EROSION CONTROL BUNKETS ON FULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SHOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF TAMIN OF ERBINING HET ENERTES.
- ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS; ALL DITCHES OR SWALES WHICH DO NOT EDUIDIT A MINIPUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPONARILY WITH STONE OR ENDSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS; APTER OCTOBER 15, INCOMPLETE RAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIPUM OF 3 INCHES OF CIUSINED GRAVEL PER MIDOT TIET JOH J, OR IF CONSTRUCTION 15 TO CONTRUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SHOW ATTER OCTIONER IS INDENT.
- CONTINUE THROAD THE WINTER SEASON BE CLEMED OF ANT MALINEMED AND AFTER EACH STOOM EVENT; STABILIZATION SHALL BE INITIATED ON ALL LOAM STOCKPILES, AND DISTURBED AREAS, WHERE CONSTRUCTION ACTIVITY SHALL DON'S TO COLIR FOR MORE THAN TWENTY-ONE (21) CALENDAR DAYS BY THE FOURTEENTH (14TH) DAY AFTER CONSTRUCTION MEASURES TO BE PERMAMENTLY OR TEMPORARILY CEASED IN THAT AREA, STABILIZATION MEASURES TO BE USED INCLUDE: A. TEMPORARY SEEDING; B. HULCHING;
- ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE. WHEN CONSTRUCTION ACTIVITY PERMANENTLY OR TENNORAULY CASES WITHIN 100 FEET OF NEARBY SURFACE WATERS OR DELINEATED WETLANDS, THE AREA SHALL BE STABILIZED WITHIN SEVEN (7) DAYS OR PRIOR TO A FAIL REVEYT. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN THESE AMEAS, SILT PENCES, NULCH BEAMS, HAY BALE BARRIERS AND ANY EARTH/DIKES SHALL BE REMOVED ONCE PERMANENT MEASURES ARE ESTABLISHED
- ESTABLISHED. DURING CONSTRUCTION, RUNOFF WILL BE DIVERTED AROUND THE SITE WITH EARTH DIKES, PIPING OR STABILIZED CHANNELS WHERE POSSIBLE. SHEET RUNOFF FROM THE SITE WILL BE FILTERED THROUGH SILT FENCES, MUCH BERNS, HAY BALE BARRIERS, OR SILT SOCKS. ALL STORM DRAIN BASIN INLETS SHALL BE PROVIDED WITH FLARED EKD SECTIONS AND TRASH RACKS. THE SITE SHALL BE STABILIZED FOR THE WINTER BY OCTOBER 15.

18

SUST CONTROL: THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST THROUGHOUT THE CONSTRUCTION PERIOD

2. DUST CONTROL METHODS SHALL DICLIDE, BUT BE NOT LIDITED TO SMURILING WATER ON EXPOSED AREAS, COVERING LOADED DUNP TRUCKS LEAVING THE SITE, AND TEMPORARY ALL CHOICE

(5) PERFORM TRANSFERS OF REGULATED SUBSTANCES OVER AN IMPERVIOUS

BURNTELLE, BURNARDE OF EXCAVATION, EARTHMOVING AND OTHER CONSTRUCTION RELATED EQUIPMENT SHALL COMPLY WITH THE REGULATIONS OF THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES THESE REQUIREMENTS ARE SURMARIZED IN WD-DWGB-22-6 BEST MANAGEMENT

RACTICES FOR FLELING AND MAINTENANCE OF EXCAVATION AND FARTHMENTING

PERTUIZERS USED SHALL BE APPLIED ONLY IN THE MINUMUM AMOUNTS DURECTED

SEALABLE FUSITIC BUT TO AVOID SPILLS. PAINTS: All containers shall be tightly sealed and stored when not required for

TO STORNMATER: B. STORAGE SHALL BE IN A COVERED SHED OR ENCLOSED TRALERS. THE CONTENTS OF ANY PARTIALLY USED BAGS OF PERTILIZER SHALL BE TRANSFERRED TO A

EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SPWER SYSTEM:

EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEMER SYSTEM;
 EXCESS PAINT SHALL BE DISPOSED OF PROPERLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS ON STATE AND LICAL REGULATIONS.
 SPILL CONTROL PRACTICES - IN ADDITION TO GOOD HOUSEDEEPING AND MATERIAL MANUFACTURES ON STATE AND LICAL REQULATIONS.
 SPILL CONTROL PRACTICES DISCUSSED IN THE REVIOUS SECTION, THE POLLOWING MANUFACTURES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP;
 MANUFACTURER'S RECOMMENDED NETHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE DIFORMATION AND CLEANUP SUPPLIES;
 MARTERIALS AND FOLIORIES INCOMENTION AND CLEANUP SUPPLIES;

MATERIALS AND COULDNENT RECESSARY FOR SPILL CLEAVED FAULT BE REPT IN THE MATERIAL STORAGE AREA ON SITE, COUPMENT AND MATERIALS SHALL INCLUDE BUT NOT BE UNITED TO BROOMS, DUSTRAINS, MOPS, MAGS, GLOVES, COGLES, KITTY UTTER, SAND, SAWDUST AND PASTIC OR METAL TRUSH CONTAINERS SPECIFICALLY

NOR THIS PURPOSE;
 ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY;
 ALL SPILLAES AVAIL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY;
 THE SPILL AREA SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY;
 THIS STILLAES AVAIL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY;
 SPILLS OF TOXIC CON MAZARDOUS MATERIAL SHALL BE REPORTED TO THE APPROPRIATE LOCAL, STATE OR FEDERAL AGENCIES AS REQUIRED;
 THE STIE SUPELITEMDERT RESPONSIBLE FOR DAY-TO-DAY SITE OPERATIONS SHALL BE THE SPILL PREVENTION AND CLEANEP COORDINATOR.
 VEHICLE FUELDING AND MAINTENANCE PROT TO FERIORM EQUIDMENT/VEHICLE FUELING AND MAINTENANCE AT AN OFF-SITE FACILITY;
 CONTRACTOR SHALL MACE AN EPORT TO FEMILIANCE AND MAINTENANCE AREA THAT

AND MAINTENANCE AT AN OFFSITE FACILITY; CONTRACTOR SHALL PROVIDE AN ON-SITE FUELING AND MAINTENANCE AREA THAT IS CLEAN AND DAY; IF POSSIBLE THE CONTRACTOR SHALL KEEP AREA COVERED;

CONTRACTOR SHALL REEP A SPILL KT ACT PAREA CONCERNED; CONTRACTOR SHALL REGULARY DISPECT VEHICLES FOR LEAKS AND DAMAGE; CONTRACTOR SHALL NEGULARY DISPECT VEHICLES FOR LEAKS AND DAMAGE; CONTRACTOR SHALL USE DRIP PANS, DRIP CLOTHS, OR ABSORDENT PADS WHEN RELACING SPENT FILTD.

COIR MAT INLET FILTER

ZIP THE CONNE TO CATCH BASIN GRATE (TYP)

COIR MAT INLET FILTER SHALL BE STORM WATER INLET FILTER BY BLOCKSOM & CO. OR APPROVED

EQUAL INSTALL AND MAINTAIN INLET PROTECTION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

INLET PROTECTION

EOUAL

SURFACE.

FERTILIZERS:

TO STORMWATER:

FOR THIS PURPOSE:

CATCH BASIN GRATE-

(DIMENSIONS VARY)

OUTPHENT, OR IT'S SUCCESSOR DOCUMENT

SEALABLE PLASTIC BIN TO AVOID SPILLS.

3. DUST CONTROL MEASURES SHALL BE UTILIZED SO AS TO PREVENT THE MIGRATION OF DUST FROM THE SITE TO ABUTTING AREAS.

- STOCKPILED: 1. LOCATE STOCKPILES A HIMMUM OF SO FEET AWAY FROM CATCH BASINS, SWALES, AND 2 ALL STOCIPILES SHOULD BE SURROUNDED WITH TEMPORARY EROSION CONTROL MEASURES

- ALL STOCKPLES SHOLLD BE SURCCURDED WITH TENDORART ENLISION CURTING, MEASURES RIDA TO THE ONSET OF RIECIPITATION. PERIMETER BARRIERS SHOLLD BE MADITAINED AT ALL TIMES, AND ADJUSTED AS NEEDED TO ACCOMMODATE THE DELIVERY AND REMOVAL OF MATERIALS RIGH THE STOCKPLE. THE INTEGRITY OF THE BARRIERS SHOLLD BE INSPECTED AT THE BID OF EACH WORKING DAY. MOTECT ALL STOCKPLES FROM STORMWATER RUN-OFF USING TEMPORARY EROSION CONTROL NEASURES SUCH AS BEIRS, SILT SOCK, OR OTHER APPROVED PRACTICES TO BERNITY WYEATTOM OR MATTRIAL BENVILT DIE BUSEDLATE COMPTING OF THE STOCKPLE FS PREVENT HIGRATION OF MATERIAL BEYOND THE IMMEDIATE CONFINES OF THE STOCKFILES.

DEE SITE VEHICLE TRACKING: 1. THE CONTRACTOR SHALL CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE(S) PRIOR TO ANY EXCAVATION ACTIVITIES.

- CONCRETE WASHOUT AREA: 1. THE FOLLOWING ARE THE ONLY NON-STORNWATER DISCHARGES ALLOWED. ALL OTHER NON-STORNWATER DISCHARGES ARE PROHIBITED ON SITE: A. THE CONCRETE DELIVERY TRUCKS SHALL WHEREVER FOSSIBLE, USE WASHOUT FACLITIES AT THEIR OWN PLANT OR DISPATCH FACLITY; B. UP IT IS NECESSARY, SITE CONTRACTOR SHALL DESIGNATE SPECIFIC WASHOUT AREAS AND DESIGN FACILITIES TO MANDLE ANTICIDATED WASHOUT WATER; C. CONTRACTOR SHALL DOATE WASHOUT AREAS AT LEAST ISD FEET AWAY FROM STORM ORADIS, SWALES AND SURFACE WATERS ON DELIVERED WETLANDS; D. DSPECT WASHOUT FACLITIES DAILY TO DETECT LEAKS OR TEARS AND TO IDENTIFY WHEN MATERIALS NEED TO BE REMOVED.

- ALLOWABLE HOM-STORMWATER DISCHARGES: . FIRE-FIGHTING ACTIVITIES; . FIRE HYDRAHT FLUSHENG; . WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED;
- WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED; WATER USED TO CONTROL DUST; POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHING; ROUTINE EXTERNAL BUILDING WASH DOWN WHERE DETERGENTS ARE NOT USED; PAYENERT WASH WATERS WHERE DETERGENTS ARE NOT USED; UNCONTAMINATED AIR CONDITIONING/COMMIRESSOR CONDENSATION; UNCONTAMINATED GROUND WATER OR SPENNG WATER; FOUNDATION OR POOTING ORALIS WHICH ARE UNCONTAMINATED; UNCONTAMINATED EXCAVATION DEWATERING; UNCONTAMINATED EXCAVATION DEWATERING;

- 12. LANDSCAPE IRRIGATION.

WATTE DISPOSAL

- WASTE MATERIAL: A. ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN SECURELY LIDDED RECEPTACLES. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN A DUMPSTER; B. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURLED ON SITE; C. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL BY THE SUPERINTENDENT. HAZABDOIS WASTE:

- HAZARDOUS WASTE
- ALL MAXADOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER; SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES BY THE SUPERINTENDENT.
- SANITARY WASTE: SANTIANT WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANTTARY WASTE MANAGEMENT CONTRACTOR.

BE FOLLOWED ON SITE:

PETROLEUM PRODUCTS:

IN ALL WORK AREAS:

SUBSTANCES;

- EPTIL PREVENTION: CONTRACTOR SHALL BE FAMILIAR WITH SPILL PREVENTION MEASURES REQUIRED BY LOCAL, STATE AND FEDERAL AGENCIES. AT A MINIMUM, CONTRACTOR SHALL FOLLOW THE BEST MANAGEMENT SPILL PREVENTION MACTICES OUTLINED BELOW. THE ROLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTIAL EXOSURE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION TO STORMWATER RUNOFF:

- A. GOOD HOUSERCEPING THE FOLLOWING GOOD HOUSERCEPING PRACTICE SHALL BE
 FOLLOWED ON SITE DURING CONSTRUCTION:
 A. ONLY SUFFICIENT AMOUNTS OF PRODUCTS TO DO THE XOB SHALL BE STORED ON
- SITE; ALL REGULATED MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT, ORDERLY
- MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER (ORIGINAL IF POSSIBLE) CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE, ON AN IMPERVIOUS SURFACE; MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED:
- d. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND
- THE SHE SUFERINTENDENT SHALL INSPECT DALLY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS; SUBSTAKES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER; WHENEVER POSSIBLE ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF
- WHENEVER POSSIBLE ALL OF A PRODUCT SHALL BE USED UP REFORE DISPOSING OF THE CONTAINER.
 THE TRAINING OF ON-SITE EMPLOYEES AND THE ON-SITE POSTING OF RELEASE RESPONSE INFORMATION DESCRIBING WHAT TO DO IN THE EVENT OF A SPILL OF REGULATED SUBSTANCES.
 HAZARDOUS PRODUCTS THE FOLLOWING PRACTICES SHALL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:
 PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE;
 DEGIMAL LARE'S AND MATERIAL SAFETY DATA SHALL BE PETAINED FOR IMPORTANT

ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED FOR IMPORTANT PRODUCT INFORMATION; C. SURPLIS PRODUCT THAT MUST BE DISPOSED OF SHALL BE DISCARDED ACCORDING TO THE MANUFACTURENT RECOMMENDED ADDITIONS OF DISPOSAL PRODUCT SPECIFIC PRACTICES - THE FOLLOWING PRODUCT SPECIFIC PRACTICES SHALL

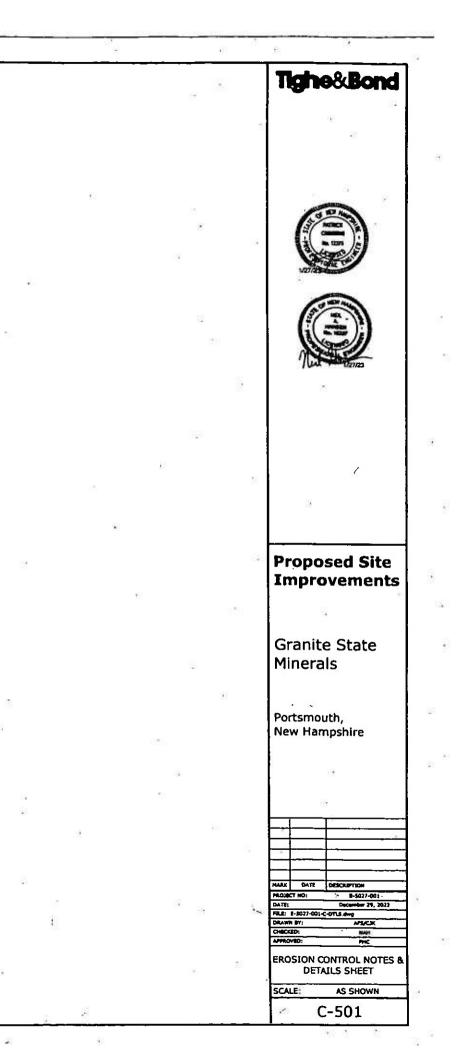
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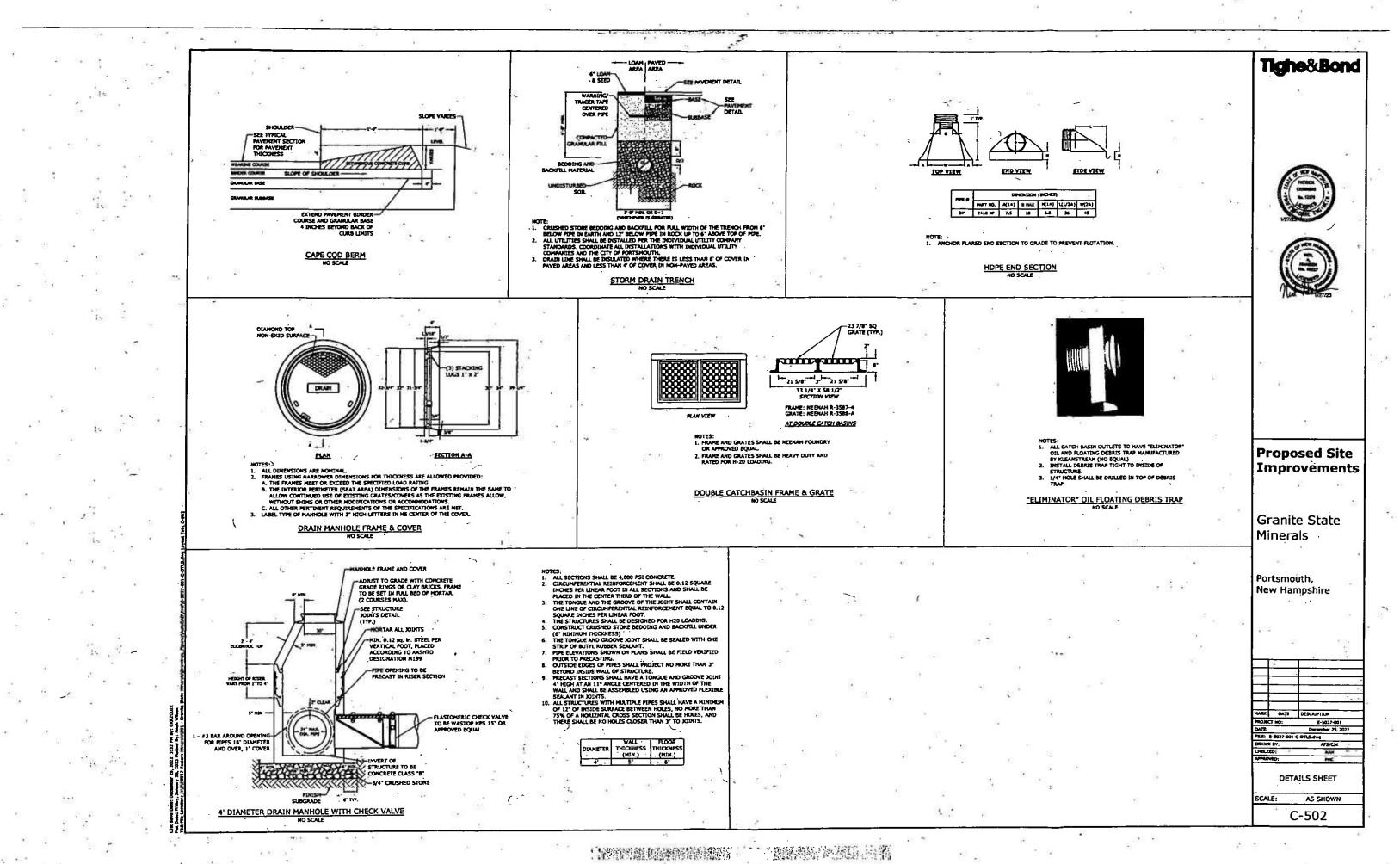
(2) PLACE ORIP PANS UNDER SPIGOTS, VALVES, AND PUNPS; (3) HAVE SPILL CONTROL AND CONTAINMENT EQUIPMENT READILY AVAILABLE

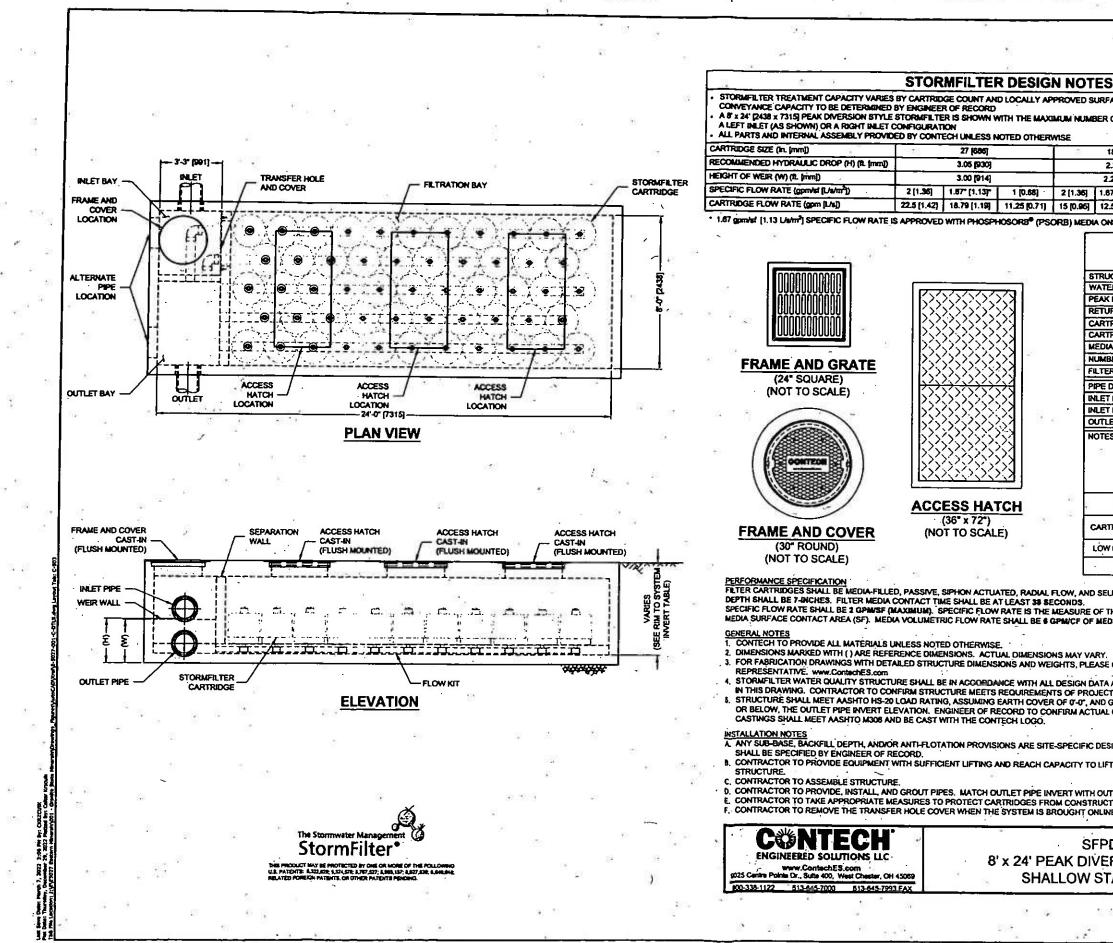
TANKS, OR ABOVEGROUND OR UNDERGROUND STORAGE TANKS OTHERWISE

(4) USE RUNNELS AND DRIP PANS WHEN TRANSFERRING REGULATED

REGULATED. NII. THE FUEL HANDLING REQUIREMENTS SHALL INCLUDE: (1) EXCEPT WHEN IN USE, KEEP CONTAINERS CONTAINING REGULATED SUBSTANCES CLOSED AND SEALED;







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