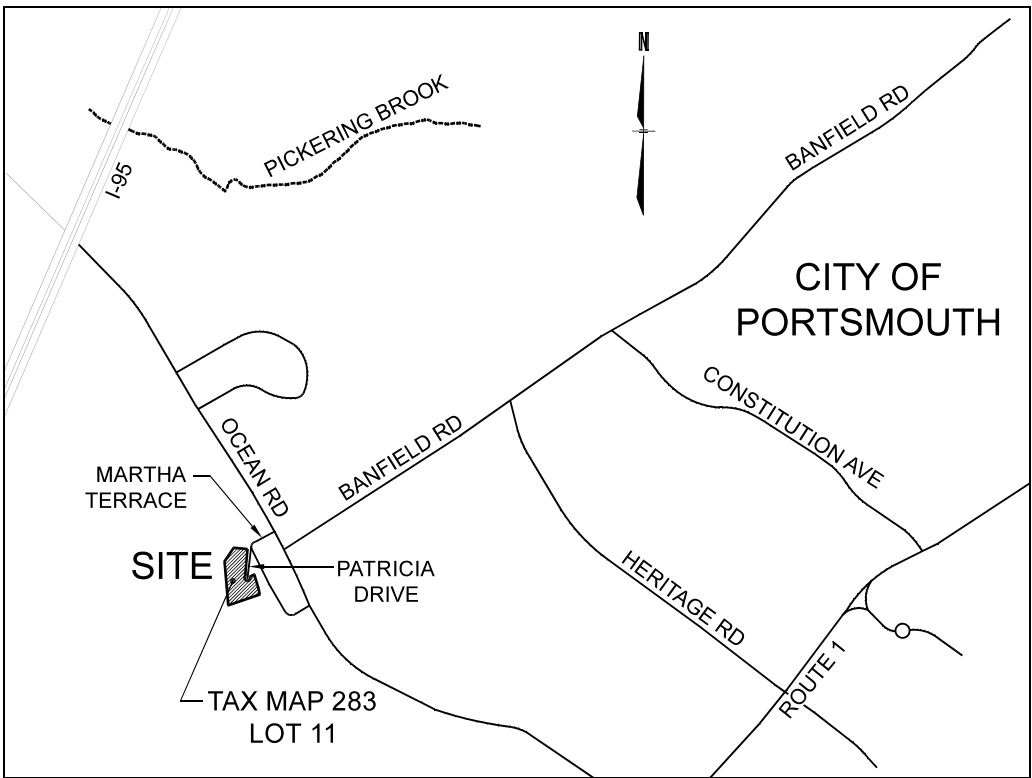


2 LOT SUBDIVISION PLAN FOR
DUBE PLUS CONSTRUCTION,
TAX MAP 283, LOT 11
HEMLOCK WAY, PORTSMOUTH, NH 03801
ROCKINGHAM CO.

NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE TAX MAP 283, LOT 11 INTO 2 LOTS.
2. THE PROPERTY IS DESIGNATED AS TAX MAP 283, LOT 11.
3. THE AREA OF THE EXISTING LOT 11 IS 3.16 ACRES (137,549 SQFT.)
4. THE CURRENT OWNER FOR TAX MAP 283, LOT 11: FRITZ FAMILY REVOC LIV TRUST, P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261. BK 3338 PG 173.
5. THE ZONING DESIGNATION FOR THE PROPERTY IS (SRA) SINGLE RESIDENCE A DISTRICT.
6. DIMENSIONAL REQUIREMENTS PROVIDED FOR ZONE (SRA) DISTRICT:
MIN. ROAD FRONTAGE =150'
MIN. LOT DEPTH =200'
MIN. LOT SIZE =43,560 SF (1 ACRE)
MIN. ROAD SETBACK =30'
MIN. REAR SETBACK =40'
MIN. SIDE SETBACK =20'
WETLAND/WATERBODY SETBACK =100'
WETLAND/LIMITED CUT =50'
WETLAND/VEGETATED BUFFER STRIP =25'
MAXIMUM STRUCTURE HEIGHT =35'
SEPTIC SETBACK =75' HYDRIC SOILS
OVERLAY DISTRICTS: (STEEP SLOPES, SOILS, WETLANDS, CONSERVATION)
7. THE PROPOSED GRADING PLANS ARE CONCEPTUAL AND FINAL LOCATION OF DRIVEWAYS, LEACHFIELDS, STRUCTURES, ETC. SHALL BE SUBJECT TO BUILDING PERMIT APPLICATION.
8. THE EXISTING USE OF TM 283 LOT 11 IS VACANT LAND.
9. THE PROPOSED USE OF TM 283 LOT 11 WILL BE 2 LOT SUBDIVISION.
10. SEWER TO BE PROVIDED BY ON-SITE SEPTIC SYSTEMS.
11. WATER TO BE PROVIDED BY MUNICIPAL PUBLIC WATER.
12. RIGHT OF WAY WIDTH DETERMINED BY SURVEY, FIELD INVESTIGATION, RECORDED DEEDS AND PLANS OF REFERENCE.
13. ABUTTING PROPERTY INFORMATION PROVIDED BY A COMBINATION OF ON-LINE TAX MAP DATA AND DATA PROVIDED BY granitview.unh.edu.
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15. THE FEMA MAP NUMBER FOR THIS SITE IS 33015C0270E, EFFECTIVE DATE: MAY 17, 2005. SITE IS LOCATED WITHIN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
16. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO CITY OF PORTSMOUTH SUBDIVISION PLAN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
17. IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE CITY.
18. IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE CITY.
19. ELEVATIONS AND COORDINATES ARE BASED ON STATE PLANE COORDINATES FROM A SOLUTION GENERATED BY NGS OPUS ON JUNE 18, 2020 FROM DATA COLLECTED BY THIS OFFICE ON JUNE 18, 2020. THE OPUS SOLUTION IS BASED ON THE NAD 83 (2011) REF. FRAME AND THE NAVD 88.
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LOCATION PLAN

SCALE: 1"=2,000'

SHEET INDEX

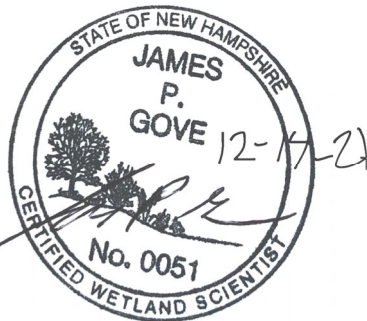
DWG	SHT NO.	DESCRIPTION
CVR	1 OF 10	COVER SHEET
ECP	2 OF 10	EXISTING CONDITIONS PLAN
DMP	3 OF 10	DEMOLITION PLAN
PGP	4 OF 10	PROPOSED GRADING PLAN
PDPP	5 OF 10	PROPOSED DRIVEWAY PLAN & PROFILE
PBIP	6 OF 10	PROPOSED BUFFER IMPACT PLAN
PUP	7 OF 10	PROPOSED UTILITY PLAN
PCP	8 OF 10	PROPOSED CONDITIONS PLAN
PSP	9 OF 10	PROPOSED SUBDIVISION
DET	10 OF 10	DETAIL SHEET

PROFESSIONAL CONSULTANTS LIST

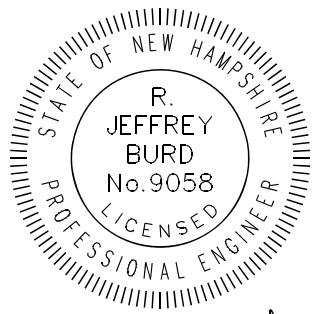
SURVEYOR: NEW HAMPSHIRE LAND CONSULTANTS, PLLC.
683C FIRST NH TURNPIKE (RT.4)
NORTHWOOD, NH 03261 PH: (603) 942-9220



WETLAND/SOIL SCIENTIST: GOVE ENVIRONMENTAL SERVICES, INC.
8 CONTINENTAL DR., BLDG. 2, UNIT H,
EXETER, NH 03833 PH: (603) 778-0644



ENGINEER: JEFF BURD, RJB ENGINEERING,
2 GLENDALE ROAD,
CONCORD NH, 03301
PH: (603) 219-0194



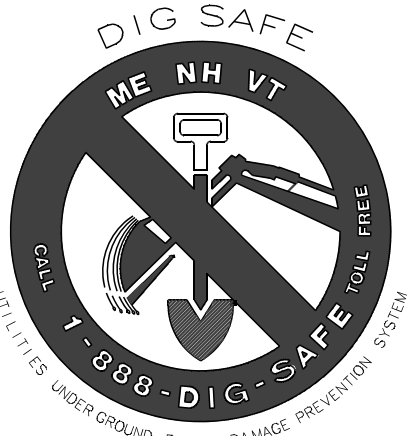
R. Burd

OWNER:
HEMLOCK WAY REALTY INVESTMENTS, LLC
10 BRICKETTS MILL ROAD, SUITE C
HAMPSTEAD, NH 03841
BK 6330 PG 796

APPLICANT:
DUBE PLUS CONSTRUCTION,
10 BRICKETTS MILL ROAD,
HAMPSTEAD, NH 03841

AGENCY APPROVALS

NHDES SUBDIVISION : #eSA2021100607
APPROVED 10/6/2021



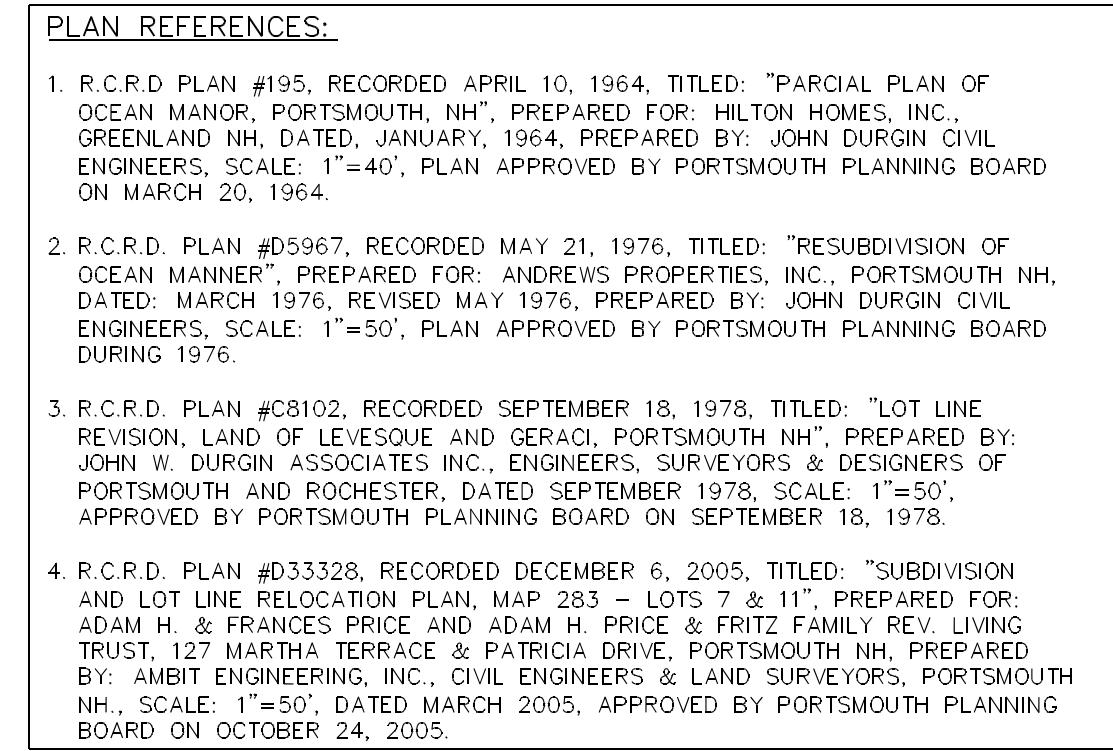
CONTACT DIG SAFE 72 HOURS
PRIOR TO CONSTRUCTION

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. NEW HAMPSHIRE LAND CONSULTANTS, PLLC. MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY UTILITIES WHETHER THEY BE ABOVE OR BELOW GROUND. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233).

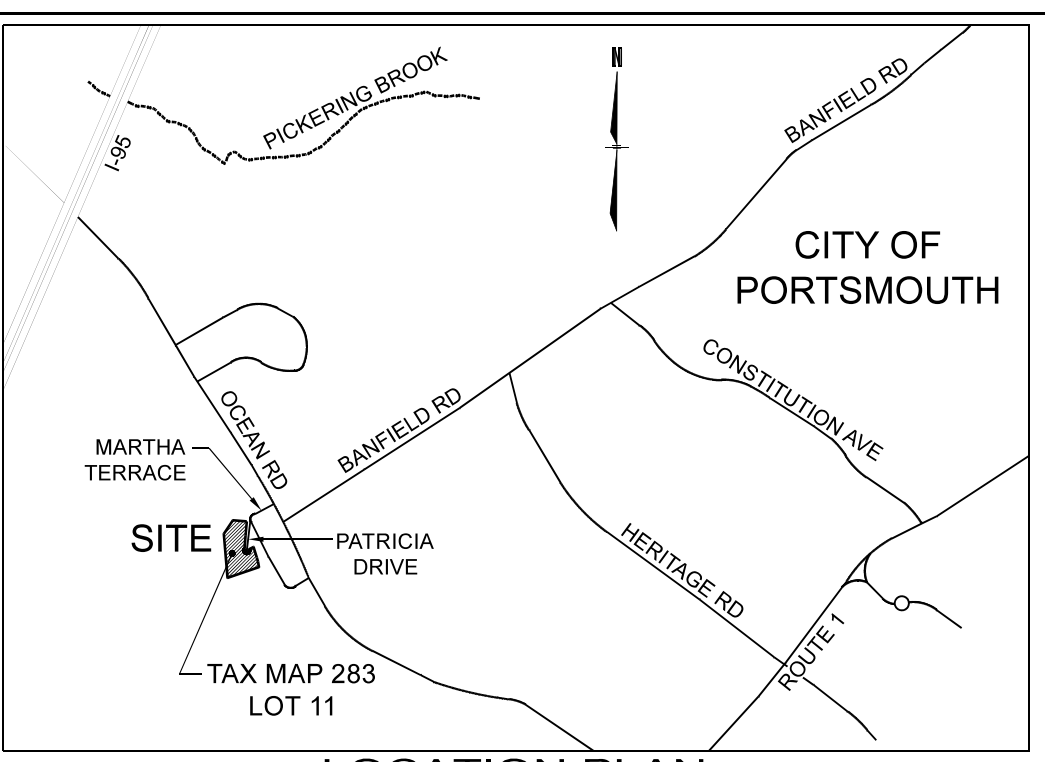
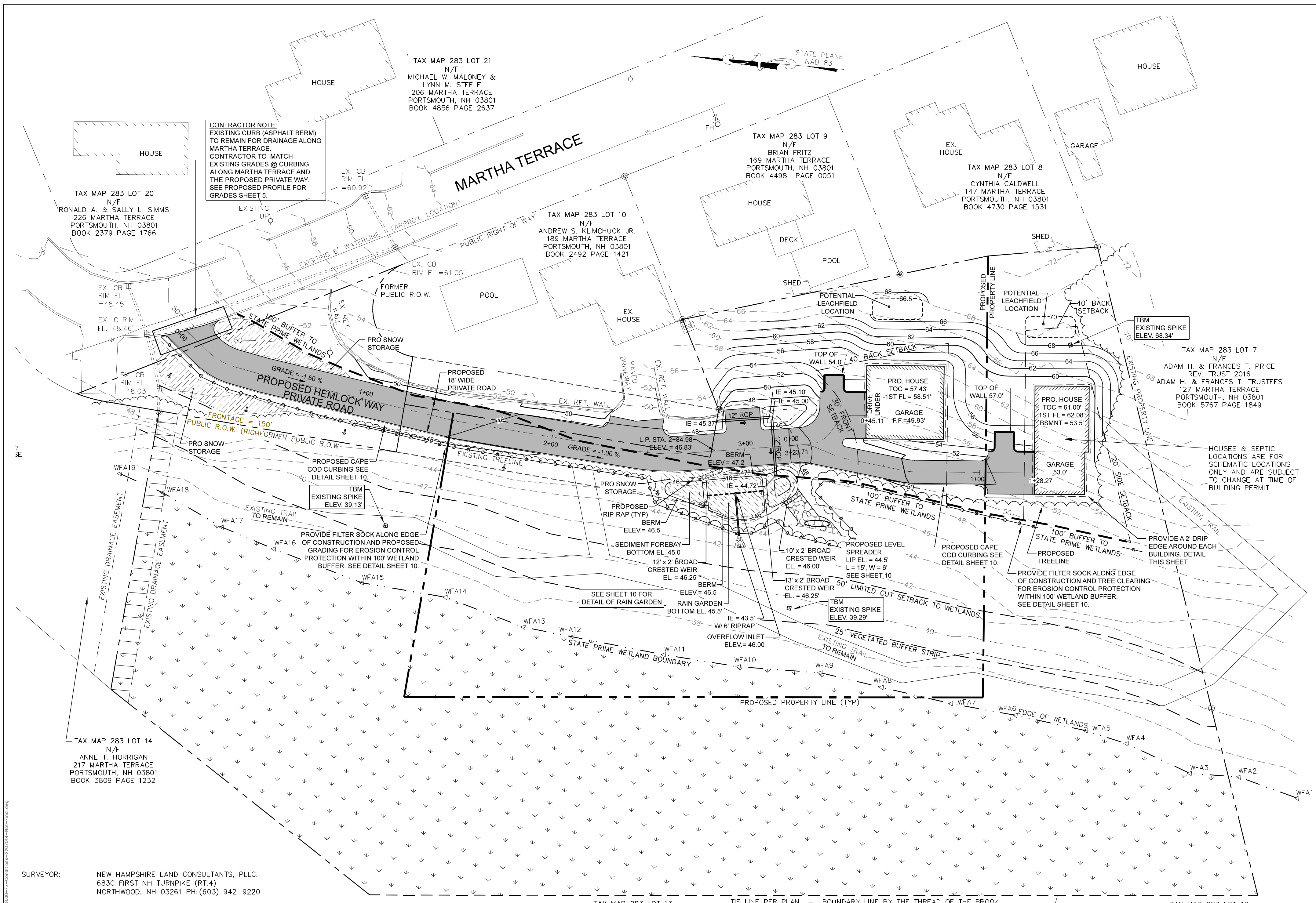
NOTE:

ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE CITY OF PORTSMOUTH REGULATIONS AND THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION.

REVISIONS				 N.H. LAND Consultants SURVEYING • LAND PLANNING • REAL ESTATE <small>A VETERAN OWNED COMPANY</small> 683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261 PH: 603-942-9220 WEBSITE: NHLANDCONSULTANTS.COM	 	COVER SHEET TAX MAP 283 LOT 11 DUBE PLUS CONSTRUCTION HEMLOCK WAY, PORTSMOUTH NH 03801 OWNED BY HEMLOCK WAY REALTY INVESTMENTS, LLC 10 BRICKETTS MILL ROAD, SUITE C, HAMPSTEAD, NH 03841 BOOK 6330 PAGE 796	JOB NO: 258.00 ROCKINGHAM CO. DATE: SEPTEMBER 23, 2020 CVR SHT. 1 of 10
NO.	DATE	DESCRIPTION	BY				
15	10/12/2021	FINAL APPROVED PLANS FOR RECORDING	TDB				
16	12/14/2021	ADDED NOTING TO FINAL PLANS	TDB				
18	02/03/2022	REVISIONS TO SHT 7,8 & 10 OF 10	SRF				
19	03/16/2022	REVISED PER DPW COMMENTS FOR FINAL PLANS	TDB				
20	07/15/2022	REVISED PER CITY COMMENTS FOR FINAL PLANS	SRF				



Drawing name: P:\New Hampshire Land Consultants projects\258.00\Tom Dube (Dir Pro)\Patricia Drive-Portsmouth\dwg\258.00-Ex-Conditions-2207014-Not-Finol.dwg



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 - R.C.R.D. PLAN #033328, RECORDED DECEMBER 6, 2005, TITLED: "SUBDIVISION AND LOT LINE RELOCATION PLAN, MAP 283 - LOTS 7 & 11", PREPARED FOR: ADAM H. & FRANCES T. PRICE AND ADAM H. PRICE & FRITZ FAMILY REV. LIVING TRUST, 127 MARTHA TERRACE & PATRICIA DRIVE, PORTSMOUTH NH, PREPARED BY: AMBIT ENGINEERING, INC., CIVIL ENGINEERS & LAND SURVEYORS, PORTSMOUTH NH, SCALE: 1"=50', DATED MARCH 2005, APPROVED BY PORTSMOUTH PLANNING BOARD ON OCTOBER 24, 2005.

LEGEND

EXISTING RETAINING WALL	=====	WETLANDS	~~~~~
ABUTTERS PROPERTY LINES	-----	DRILL HOLE FOUND	⊙
SUBJECT PROPERTY LINES	-----	REBAR W/ CAP FOUND	⊙
PROPOSED PROPERTY LINES	-----	STONE BOUND FOUND	⊙
EXISTING TIE LINE	-----	EXISTING GATE VALVE & HYDRANT	⊙
EDGE OF PAVEMENT	-----		
PROPOSED BLDG SETBACK	-----		
EXISTING CONTOUR (MNR)	-572-----		
EXISTING CONTOUR (MJR)	-570-----		

SURVEYOR: NEW HAMPSHIRE LAND CONSULTANTS, PLLC.
683C FIRST NH TURNPIKE (RT.4)
NORTHWOOD, NH 03261 PH: (603) 942-9220

WETLAND/SOIL SCIENTIST: COVE ENVIRONMENTAL SERVICES, INC.
8 CONTINENTAL DR., BLDG. 2, UNIT H,
EXETER, NH 03833 PH: (603) 778-0644

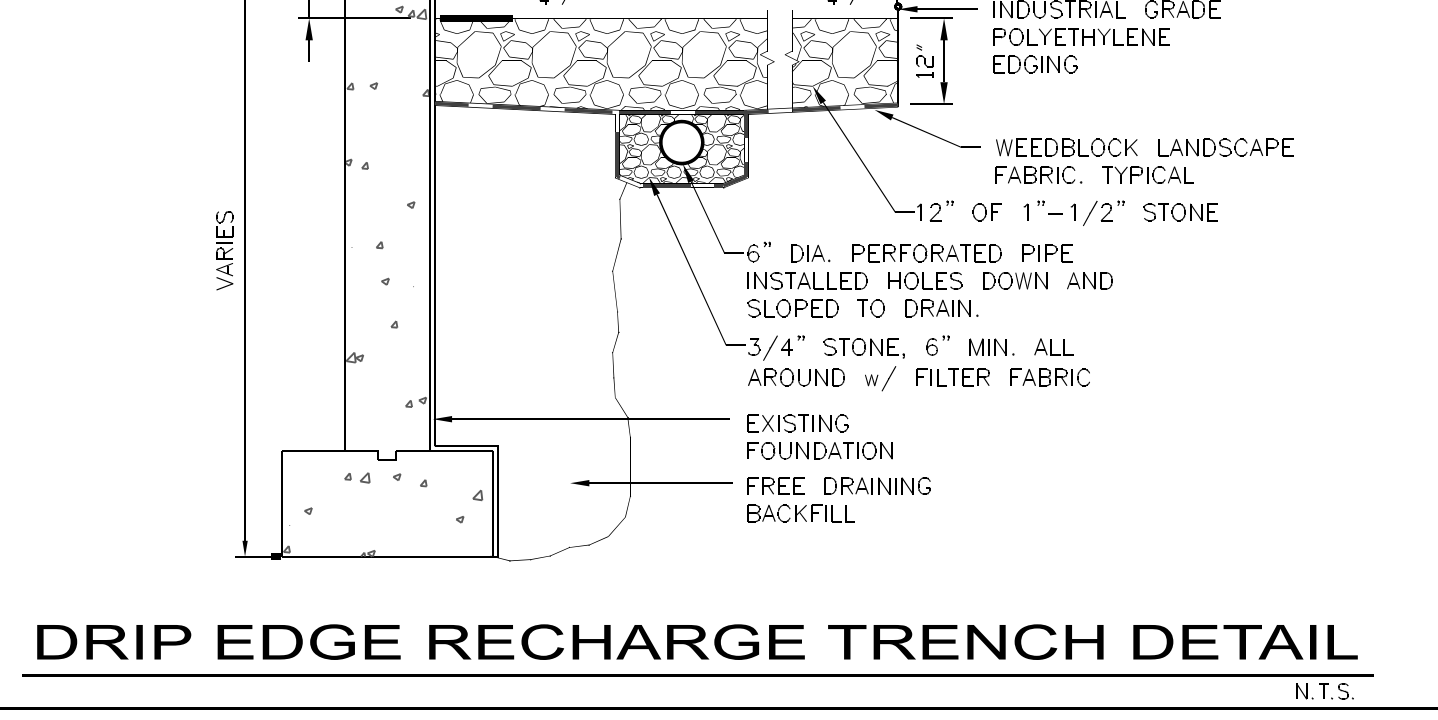
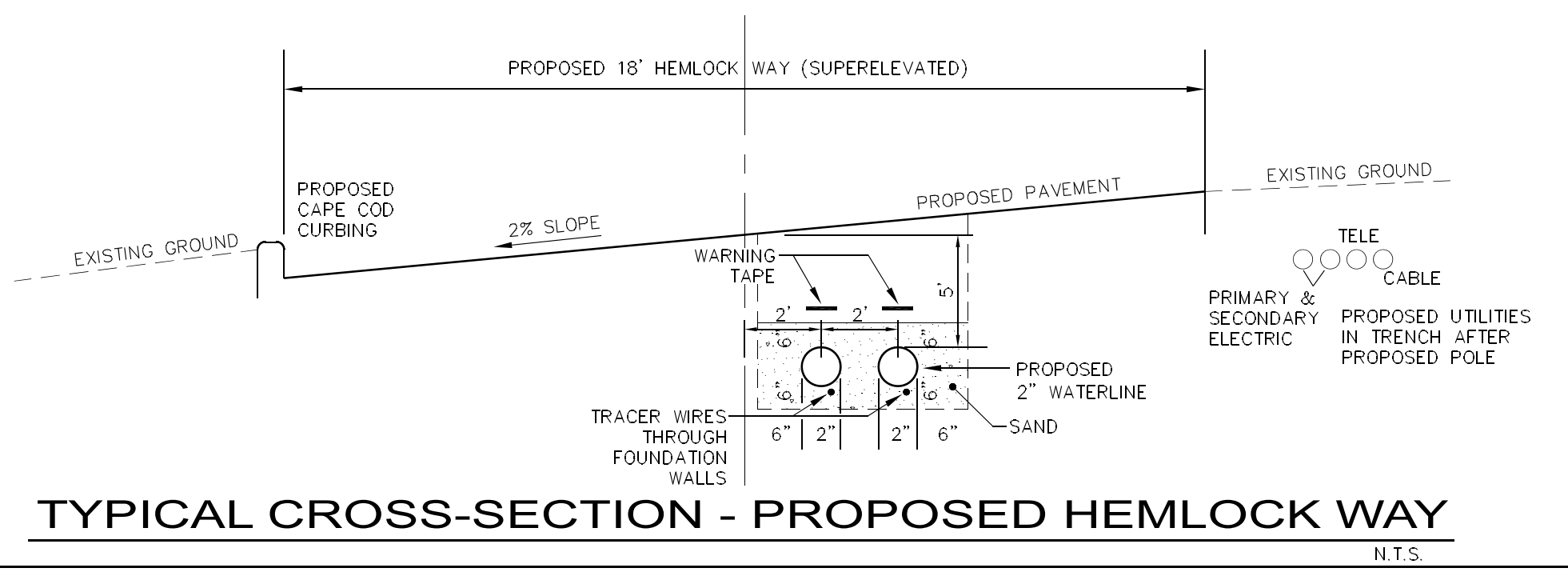
WETLANDS WERE DELINEATED ON JUNE 4, 2020 AND LOCATED DURING JUNE 2020

ZONE: SRA
LOT SIZE: 1 ACRES
FRONTAGE: 150'
LOT DEPTH: 200'
FRONT SETBACK: 30'
SIDE SETBACK: 20'
REAR SETBACK: 40'

SOILS: 140B/C CHATFIELD-HOLLIS-CANTON COMPLEX

CHATFIELD - NHDES GROUP 4
HOLLIS - NHDES GROUP 4
CANTON - NHDES GROUP 2

LOT SIZE USING GROUP 4 SLOPE C = 48,000 SQ FT
WITH PUBLIC WATER = 24,000 SQ FT.



STATE OF NEW HAMPSHIRE
R. JEFFREY BURD
No. 9058
LICENSED PROFESSIONAL ENGINEER

R. J. Burd

BY	DESCRIPTION	DATE	NO.
TDE	FINAL APPROVED PLANS FOR RECORDING	10/12/2021	15
TDE	ADDED NOTING TO FINAL PLANS	12/14/2021	16
TDE	REVISED PER DPC COMMENTS FOR FINAL PLANS	03/16/2022	19
SFF	REVISED PER CITY COMMENTS FOR FINAL PLANS	07/15/2022	20

GRAPHIC SCALE
15 7.5 0 30
SCALE: 1"=30'

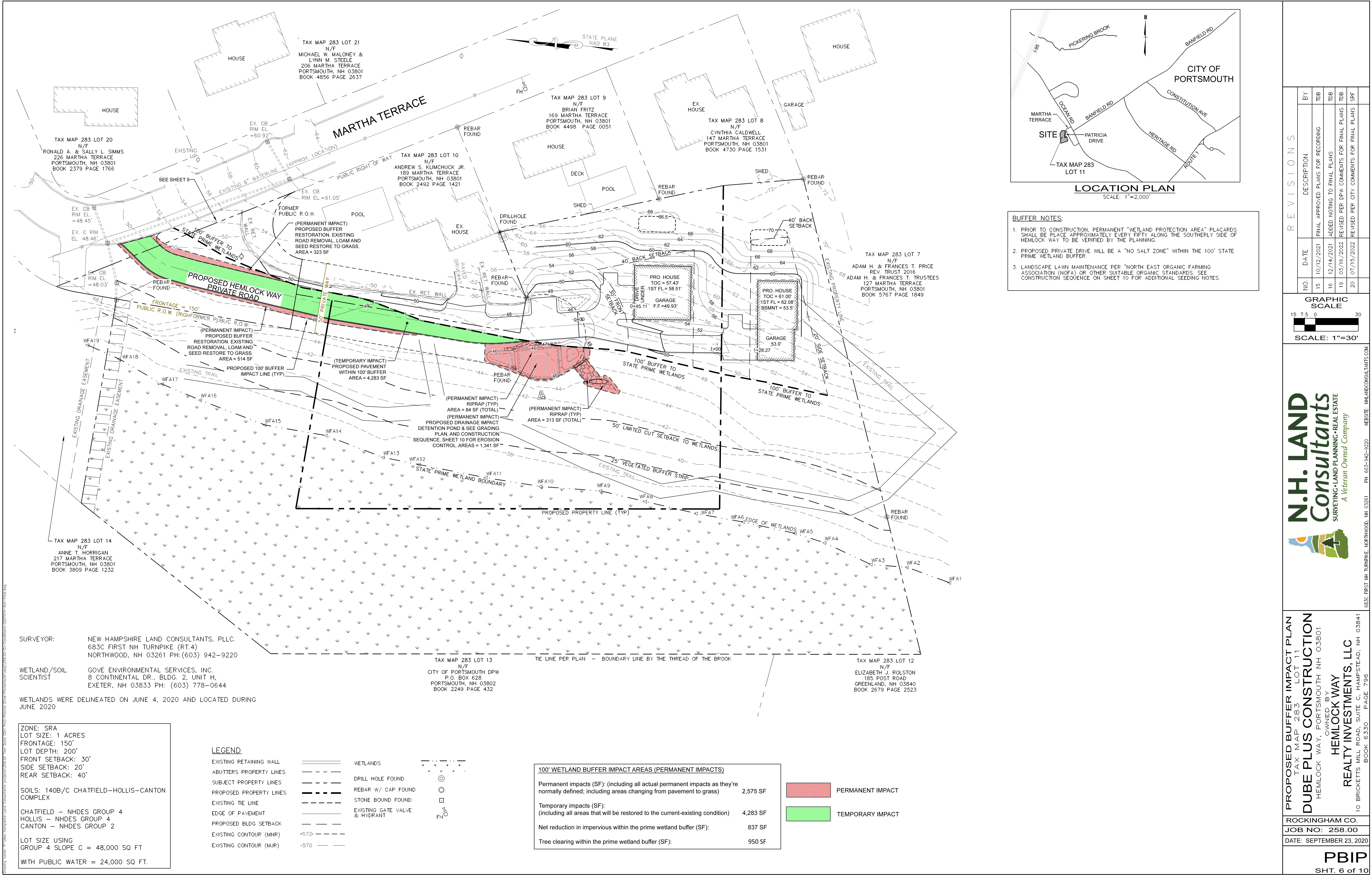
N.H. LAND Consultants
SURVEYING • LAND PLANNING • REAL ESTATE
A Veteran Owned Company

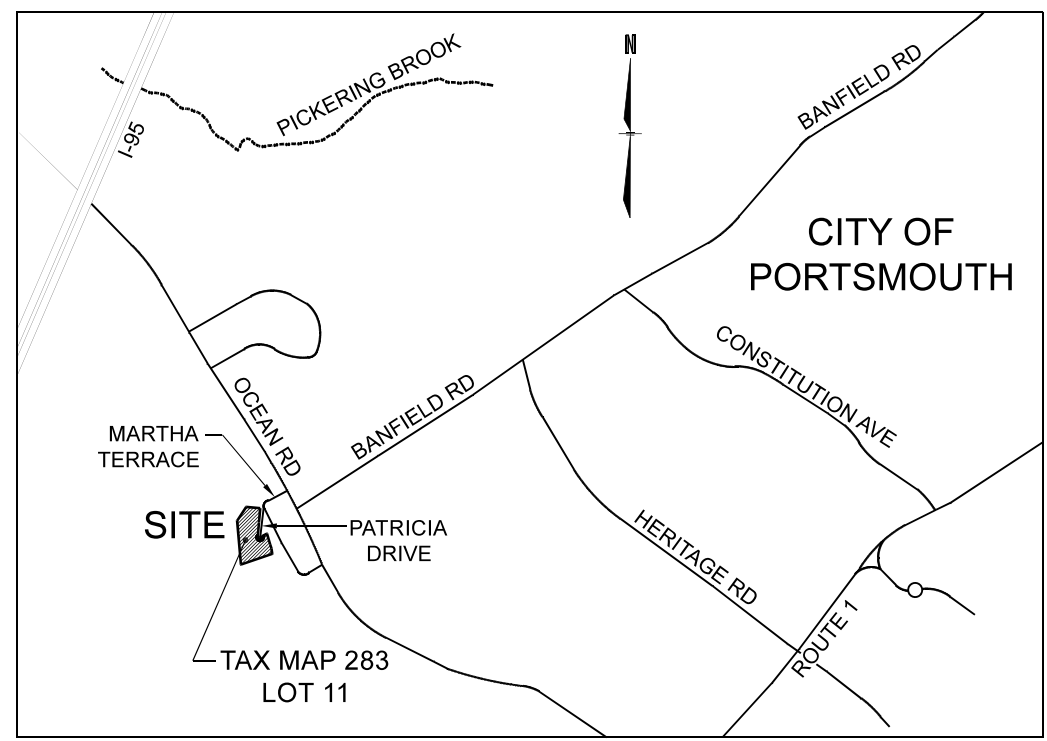
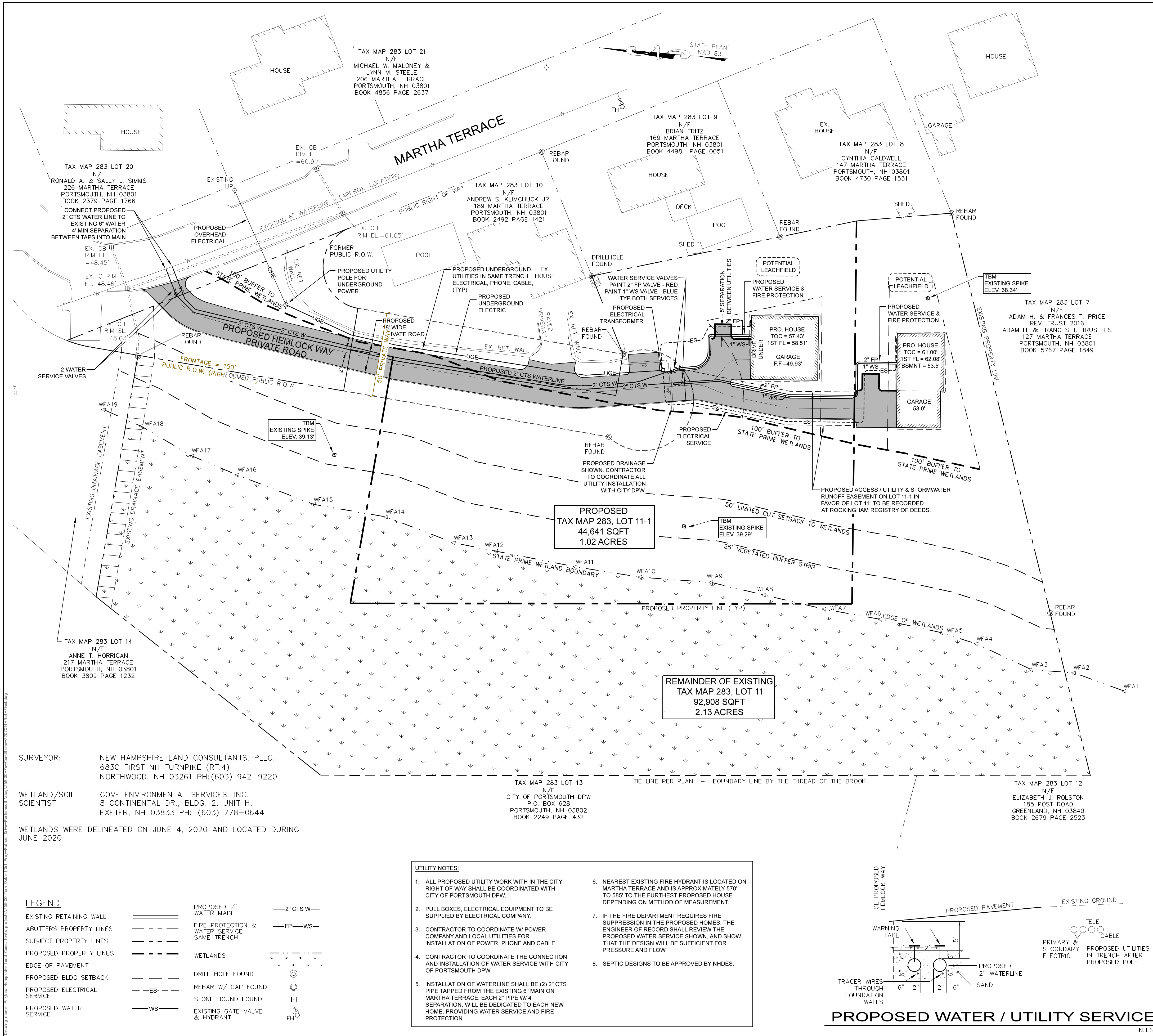
683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261 PH: 603-942-9220 WEBSITE: NH.LANDCONSULTANTS.COM

**PROPOSED GRADING PLAN
TAX MAP 283 LOT 11
DUBE PLUS CONSTRUCTION**
HEMLOCK WAY, PORTSMOUTH NH 03801
OWNED BY
HEMLOCK WAY
REALTY INVESTMENTS, LLC
10 BRICKETTS MILL ROAD, SUITE C, HAMPSHIRE, NH 03841
BOOK 6330 PAGE 796

ROCKINGHAM CO.
JOB NO: 258.00
DATE: SEPTEMBER 23, 2020

PGP
SHT. 4 of 10





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STATE OF NEW HAMPSHIRE
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No. 9058
LICENSED
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REVISIONS

NO.	DATE	DESCRIPTION	BY
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20	07/15/2022	REVISED PER CITY COMMENTS FOR FINAL PLANS	SFF

GRAPHIC SCALE

15 7.5 0 30

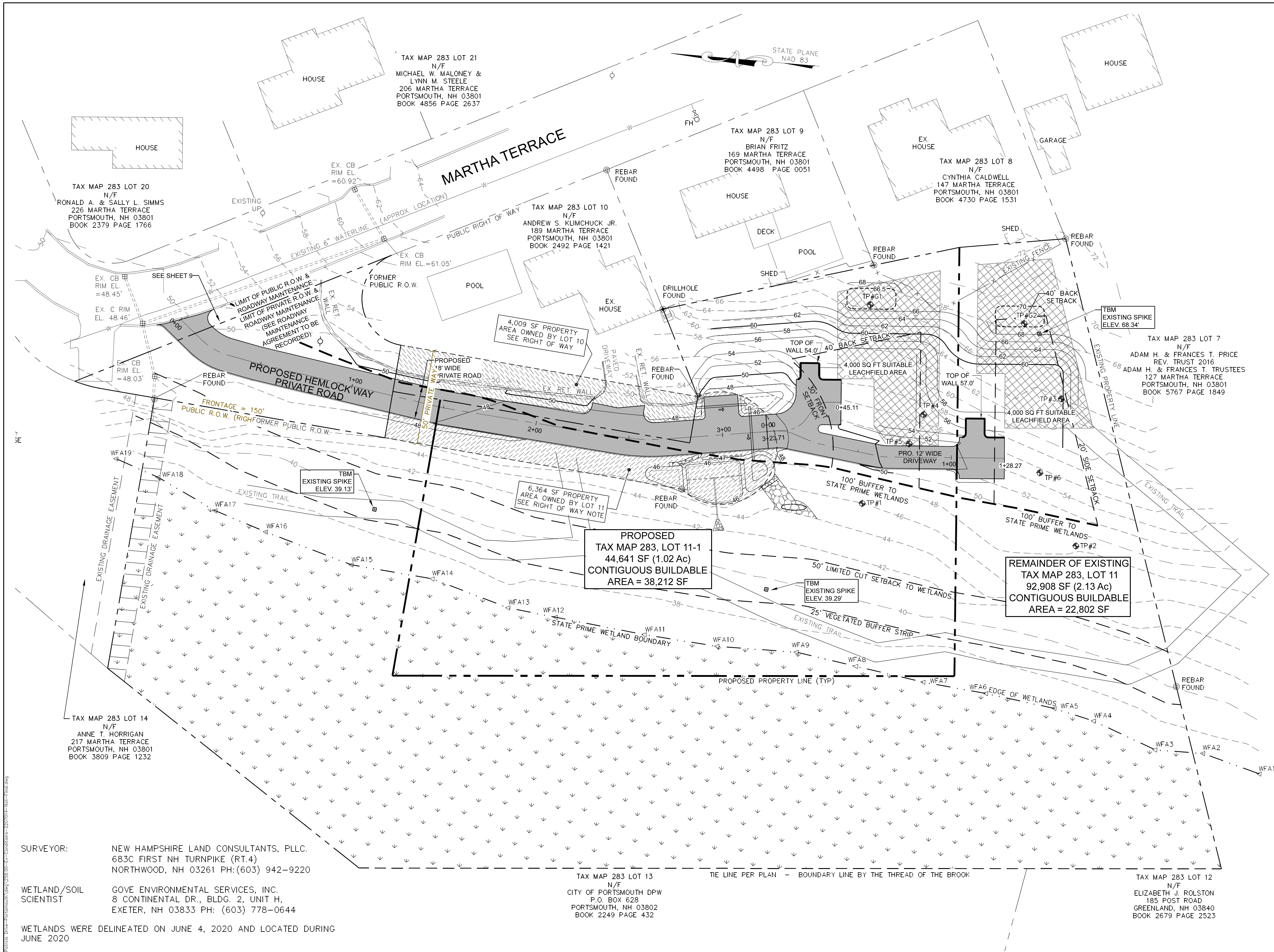
SCALE: 1"=30'

N.H. LAND Consultants
SURVEYING • LAND PLANNING • REAL ESTATE
A Veteran Owned Company

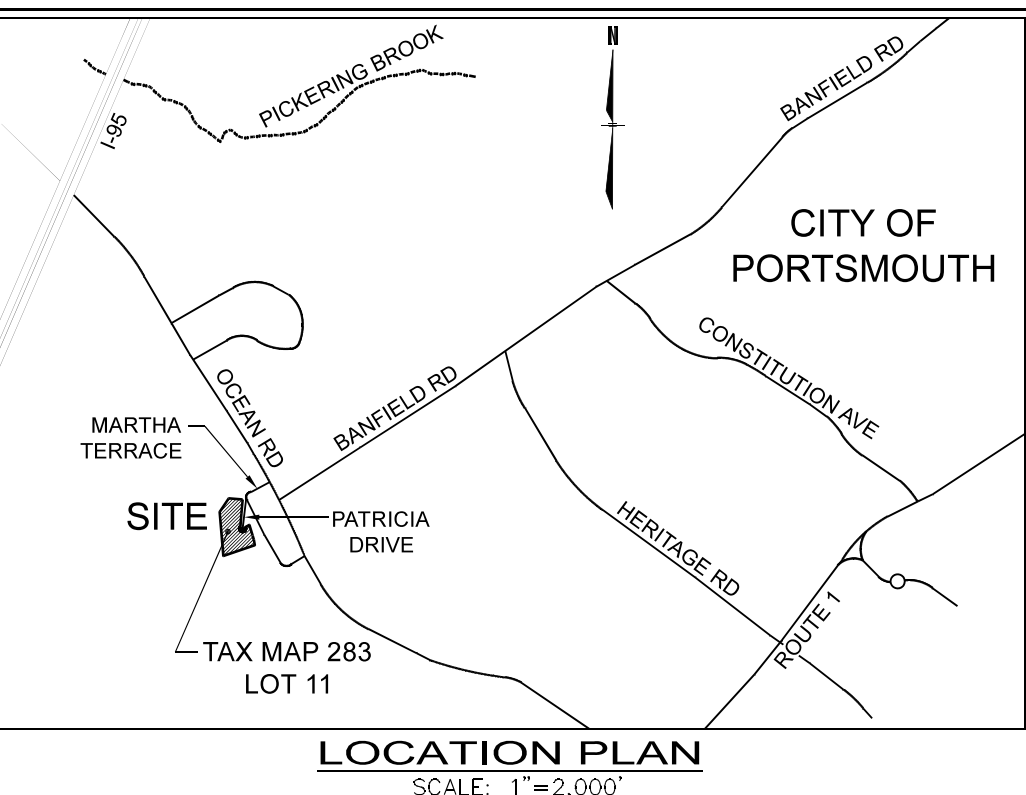
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BOOK 6330 PAGE 796

ROCKINGHAM CO.
JOB NO: 258.00
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PUP
SHT. 7 of 10



WETLANDS WETLANDS WERE DELINEATED ON JUNE 4, 2020 AND LOCATED DURING JUNE 2020		TEST PIT #1 DATE: 5-26-20 PERFORMED BY: SCOTT FRANKIEWICZ PERMIT #1348		TEST PIT #2 DATE: 5-26-20 PERFORMED BY: SCOTT FRANKIEWICZ PERMIT #1348		TEST PIT #3 DATE: 5-26-20 PERFORMED BY: SCOTT FRANKIEWICZ PERMIT #1348		TEST PIT #4 DATE: 5-26-20 PERFORMED BY: SCOTT FRANKIEWICZ PERMIT #1348		TEST PIT #5 DATE: 9-18-20 PERFORMED BY: SCOTT FRANKIEWICZ PERMIT #1348		TEST PIT #6 DATE: 9-18-20 PERFORMED BY: SCOTT FRANKIEWICZ PERMIT #1348		TEST PIT #G1 DATE: 1-12-2022 PERFORMED BY: JAMES GOVE, CSS		TEST PIT #G2 DATE: 1-12-2022 PERFORMED BY: JAMES GOVE, CSS	
0-6"		6-24"		0-6"		6-30"		0-6"		6-36"		0-6"		0-5"		0-5"	
Topsoil		Loamy Sand Granular/Friable 7.5 YR 5/6 - Strong Brown		Topsoil		Loamy Sand Granular/Friable 7.5 YR 5/6 - Strong Brown		Topsoil		Gravelly Sand Granular/Friable 7.5 YR 5/6 - Strong Brown		Topsoil		Fine Sandy Loam Granular, Friable 10YR 3/2 - Very Dark Grayish Brown		Fine Sandy Loam Granular, Friable 10YR 3/2 - Very Dark Grayish Brown	
24-60"		Loam Sand Granular/Firm in place 2.5Y 5/6 - Light Olive Brown		30-56"		Sand Granular/Firm in place 2.5Y 5/6 - Light Olive Brown		26-70"		Gravelly Sand Granular/Firm in place 2.5Y 5/6 - Light Olive Brown		34-60"		Fine Sandy Loam Platy/Firm 2.5Y 5/3 - Light Olive Brown		20-60"	
ESHWT = 24" Roots to 24" No ledge observed No water observed Many stones throughout hole Perc Rate = 10 min/inch		ESHWT = 30" Roots to 30" No ledge observed No water observed Many stones throughout hole Perc Rate = 10 min/inch		ESHWT = 30" Roots to 30" No ledge observed No water observed Many stones throughout hole Perc Rate = 10 min/inch		ESHWT = 26" Roots to 26" No ledge observed No water observed Many stones throughout hole Perc Rate = 10 min/inch		ESHWT = 36" Roots to 36" No ledge observed No water observed Many stones throughout hole Perc Rate = 10 min/inch		ESHWT = 34" Roots to 34" No ledge observed No water observed Many stones throughout hole Perc Rate = 10 min/inch		ESHWT = 30" Roots to 30" No ledge observed No water observed Termination @ 60"		ESHWT = 20" Roots to 20" No ledge observed No water observed Termination @ 60"			



- NOTES:**
- THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE TAX MAP 283, LOT 11 INTO 2 LOTS.
 - THE PROPERTY IS DESIGNATED AS TAX MAP 283, LOT 11.
 - THE AREA OF THE EXISTING LOT 11 IS 3.16 ACRES (137,549 SQ.FT.)
 - THE CURRENT OWNER FOR TAX MAP 283, LOT 11: FRITZ FAMILY REVOC LIV TRUST, P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261. BK 3338 PG 173.
 - THE ZONING DESIGNATION FOR THE PROPERTY IS (SRA) SINGLE RESIDENCE A DISTRICT.
 - DIMENSIONAL REQUIREMENTS PROVIDED FOR ZONE (SRA) DISTRICT:
MIN. ROAD FRONTAGE = 150'
MIN. LOT DEPTH = 200'
MIN. LOT SIZE = 43,560 SF (1 ACRE)
MIN. ROAD SETBACK = 30'
MIN. REAR SETBACK = 40'
MIN. SIDE SETBACK = 20'
WETLAND/WATERBODY SETBACK = 100'
WETLAND/LIMITED CUT = 50'
WETLAND/VEGETATED BUFFER STRIP = 25'
MAXIMUM STRUCTURE HEIGHT = 35'
SEPTIC SETBACK = 75' HYDRIC SOILS
OVERLAY DISTRICTS: (STEEP SLOPES, SOILS, WETLANDS, CONSERVATION)
 - THE PROPOSED GRADING PLANS ARE CONCEPTUAL AND FINAL LOCATION OF DRIVEWAYS, LEACHFIELDS, STRUCTURES, ETC. SHALL BE SUBJECT TO BUILDING PERMIT APPLICATION.
 - THE EXISTING USE OF TM 283 LOT 11 IS VACANT LAND.
 - THE PROPOSED USE OF TM 283 LOT 11 WILL BE 2 LOT SUBDIVISION.
 - SEWER TO BE PROVIDED BY ON-SITE SEPTIC SYSTEMS.
 - WATER TO BE PROVIDED BY MUNICIPAL PUBLIC WATER.
 - RIGHT OF WAY WIDTH DETERMINED BY SURVEY, FIELD INVESTIGATION, RECORDED DEEDS AND PLANS OF REFERENCE.
 - ABUTTING PROPERTY INFORMATION PROVIDED BY A COMBINATION OF ON-LINE TAX MAP DATA AND DATA PROVIDED BY grantview.unh.edu.
 - SHEET 9 OF 10 THIS SET WILL BE RECORDED, A COMPLETE PLAN SET WILL BE FILED AT THE CITY OF PORTSMOUTH.
 - THE FEMA MAP NUMBER FOR THIS SITE IS 3301500270E, EFFECTIVE DATE: MAY 17, 2005. SITE IS LOCATED WITHIN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
 - ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO CITY OF PORTSMOUTH SUBDIVISION PLANNING REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE CITY.
 - IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE CITY.
 - ELEVATIONS AND COORDINATES ARE BASED ON STATE PLANE COORDINATES FROM A SOLUTION GENERATED BY NGS OPUS ON JUNE 18, 2020 FROM DATA COLLECTED BY THIS OFFICE ON JUNE 18, 2020. THE OPUS SOLUTION IS BASED ON THE NAD 83 (2011) REF. FRAME AND THE NAVD 88.
 - EASEMENT TO BE PROVIDED TO THE CITY OF PORTSMOUTH OVER THE ENTIRE PRIVATE R.O.W. AREA FOR THE PURPOSES OF ACCESSING WATER VALVES AND LEAK DETECTION OF WATER LINES. TO BE RECORDED AT ROCKINGHAM REGISTRY OF DEEDS.

- PLAN REFERENCES:**
- R.C.R.D. PLAN #195, RECORDED APRIL 10, 1964, TITLED: "PARCIAL PLAN OF OCEAN MANOR, PORTSMOUTH, NH", PREPARED FOR: HILTON HOMES, INC., GREENLAND NH, DATED: JANUARY, 1964, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=40', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD ON MARCH 20, 1964.
 - R.C.R.D. PLAN #05967, RECORDED MAY 21, 1976, TITLED: "RESUBDIVISION OF OCEAN MANNER", PREPARED FOR: ANDREWS PROPERTIES, INC., PORTSMOUTH NH, DATED: MARCH 1976, REVISED MAY 1976, PREPARED BY: JOHN DURGIN CIVIL ENGINEERS, SCALE: 1"=50', PLAN APPROVED BY PORTSMOUTH PLANNING BOARD DURING 1976.
 - R.C.R.D. PLAN #08102, RECORDED SEPTEMBER 18, 1978, TITLED: "LOT LINE REVISION, LAND OF LEVESQUE AND GERACI, PORTSMOUTH NH", PREPARED BY: JOHN W. DURGIN ASSOCIATES INC., ENGINEERS, SURVEYORS & DESIGNERS OF PORTSMOUTH AND ROCHESTER, DATED SEPTEMBER 1978, SCALE: 1"=50', APPROVED BY PORTSMOUTH PLANNING BOARD ON SEPTEMBER 18, 1978.
 - R.C.R.D. PLAN #033328, RECORDED DECEMBER 6, 2005, TITLED: "SUBDIVISION AND LOT LINE RELOCATION PLAN, MAP 283 - LOTS 7 & 11", PREPARED FOR: ADAM H. & FRANCES PRICE AND ADAM H. PRICE & FRITZ FAMILY REV. LIVING TRUST, 127 MARTHA TERRACE & PATRICIA DRIVE, PORTSMOUTH NH, PREPARED BY: AMBIT ENGINEERING, INC., CIVIL ENGINEERS & LAND SURVEYORS, PORTSMOUTH NH., SCALE: 1"=50', DATED MARCH 2005, APPROVED BY PORTSMOUTH PLANNING BOARD ON OCTOBER 24, 2005.

EXISTING RETAINING WALL	---	WETLANDS	---
ABUTTER'S PROPERTY LINES	---	DRILL HOLE FOUND	⊙
SUBJECT PROPERTY LINES	---	REBAR W/ CAP FOUND	⊙
PROPOSED PROPERTY LINES	---	STONE BOUND FOUND	⊙
EXISTING THE LINE	---	EXISTING GATE VALVE & HYDRANT	⊙
EDGE OF PAVEMENT	---		
PROPOSED BLDG SETBACK	---		
EXISTING CONTOUR (MNR)	-572- - - - -		
EXISTING CONTOUR (MJR)	-570- - - - -		

NEW HAMPSHIRE
Designer of
Subsurface Disposal
Systems

Scott R. Frankiewicz
No. 1348
Member of Environmental Services

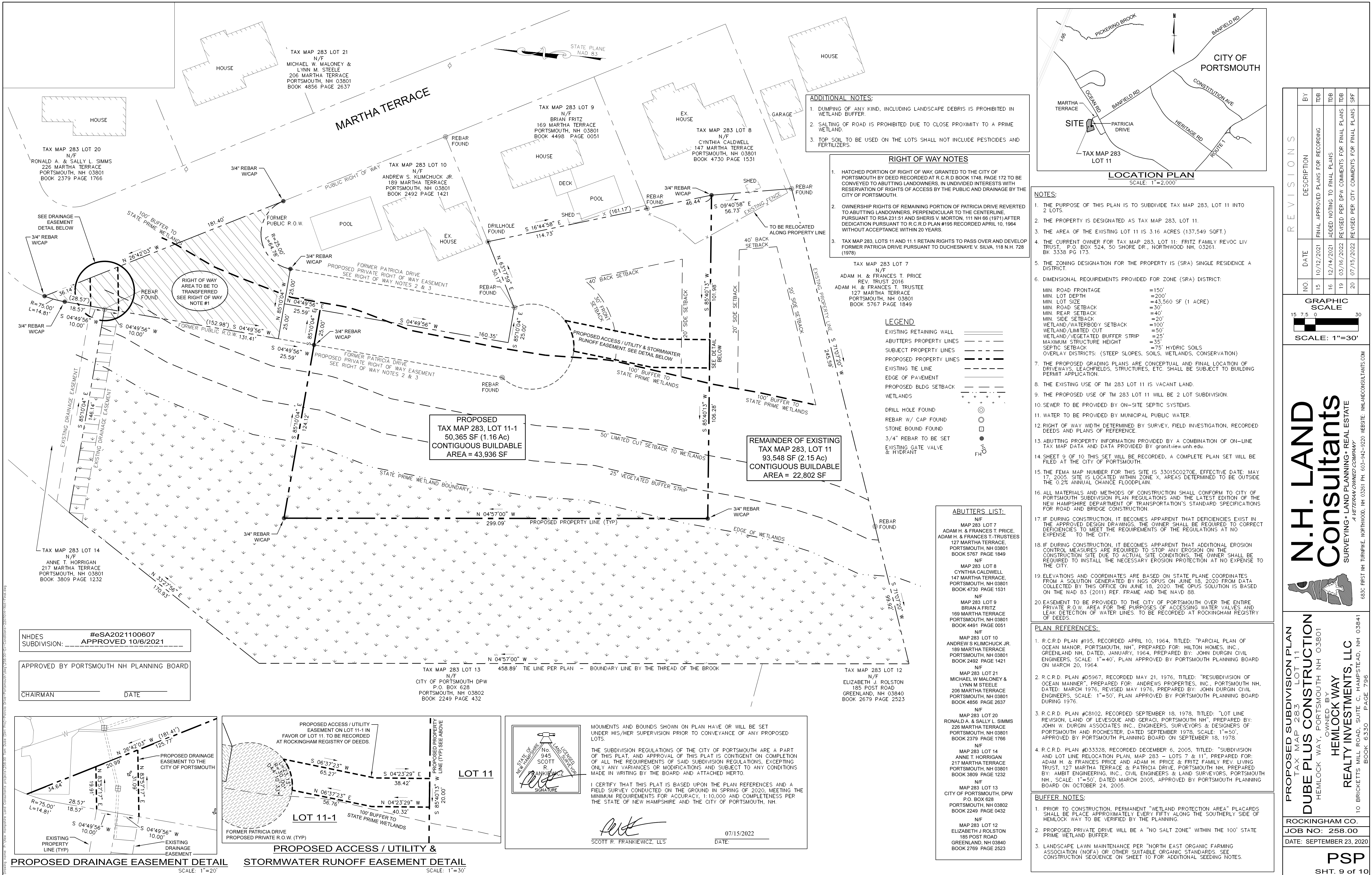
REVISIONS
BY DESCRIPTION DATE NO.
15 10/12/2021 FINAL APPROVED PLANS FOR RECORDING
16 12/14/2021 ADDED NOTING TO FINAL PLANS
19 03/16/2022 REVISED PER DPC COMMENTS FOR FINAL PLANS
20 07/15/2022 REVISED PER CITY COMMENTS FOR FINAL PLANS
SPF

GRAPHIC SCALE
15 7.5 0 30
SCALE: 1"=30'

N.H. LAND
Consultants
SURVEYING • LAND PLANNING • REAL ESTATE
A Veteran Owned Company

PROPOSED CONDITIONS PLAN
TAX MAP 283 LOT 11
DUBE PLUS CONSTRUCTION
HEMLOCK WAY, PORTSMOUTH NH 03801
OWNED BY
HEMLOCK WAY
REALTY INVESTMENTS, LLC
10 BRICKETS MILL ROAD, SUITE C, HAMPSTEAD, NH 03841
BOOK 6330 PAGE 796

ROCKINGHAM CO.
JOB NO: 258.00
DATE: SEPTEMBER 23, 2020
PCP
SHT. 8 of 10





TO: Beverly Zendt, Planning Director
City of Portsmouth, NH
1 Junkins Avenue
Portsmouth, NH 03801

DATE: 8-22-2022

RE: Map 283, Lot 11
Request for Waiver

Juliet,

Per the TAC Notice of Decision letter dated 1-06-2021 Condition 9 and in accordance with Section X of the City of Portsmouth Subdivision Rules and Regulations please find accept the following request for waivers:

SECTION X – WAIVER OF REGULATIONS

1. The Planning Board may waive any provision of these Regulations by a vote of six members, provided that such waiver will not have the effect of nullifying the spirit and intent of the Master Plan or these Regulations. 2. In granting a waiver, the Planning Board may require such conditions as will in its judgment secure the objectives of these Rules and Regulations.

Waiver request to the RESIDENTIAL STREET MINIMUM STANDARDS which requires a 32' pavement with for all residential streets in the City. Request is to construct the roadway to the specifications as shown on the plans prepared by N.H. Land Consultants entitled 2 Lot Subdivision Plan for Dube Plus Construction Tax Map 283, Lot 11, dated September 23, 2020 (last revised 1-12-2021) and specifically to allow an 18' pavement width for this private street.

The proposed roadway has been designed using the City of Portsmouth Complete Streets Design Guidelines dated June 2017 – Neighborhood Slow Street: Design Guidelines. These guidelines recommend two 9-foot lanes with no centerline.

Granting the waiver will be in keeping with the City adopted guidelines and will result in less overall impervious impacts and a reduction in drainage improvement requirements. The reduced pavement width will result in meeting the objectives of the Rule and Regulations by providing proper width of

GARREPY PLANNING CONSULTANTS, LLC
real estate planning & development

phone: 603.944.7530 email: garrepy.pc@gmail.com

streets as recommended in the abovementioned guidelines while still providing adequate drainage and utility improvements and safe traffic circulation.

The proposed roadway shall service two lots and provides secondary access for a third lot. The roadway is proposed to be maintained as a private roadway.

Respectively Submitted,

Michael Garrepy

GARREPY PLANNING CONSULTANTS, LLC

real estate planning & development

phone: 603.944.7530 email: garrepy.pc@gmail.com



City of Portsmouth, New Hampshire

Subdivision Application Checklist

This subdivision application checklist is a tool designed to assist the applicant in the planning process and for preparing the application for Planning Board review. A pre-application conference with a member of the planning department is strongly encouraged as additional project information may be required depending on the size and scope. The applicant is cautioned that this checklist is only a guide and is not intended to be a complete list of all subdivision review requirements. Please refer to the Subdivision review regulations for full details.

Applicant Responsibilities (Section III.C): Applicable fees are due upon application submittal along with required number of copies of the Preliminary or final plat and supporting documents and studies. Please consult with Planning staff for submittal requirements.

Owner: Fritz Family Revocable Living Trust Date Submitted: 9-22-2020

Applicant: Dube Plus Construction

Phone Number: 603-944-7530 E-mail: mgarrepy@gmail.com

Site Address 1: Patricia Drive Map: 283 Lot: 11

Site Address 2: _____ Map: _____ Lot: _____

Application Requirements			
<input checked="" type="checkbox"/>	Required Items for Submittal	Item Location (e.g. Page or Plan Sheet/Note #)	Waiver Requested
<input checked="" type="checkbox"/>	Completed Application form. (III.C.2-3)		N/A
<input checked="" type="checkbox"/>	All application documents, plans, supporting documentation and other materials provided in digital Portable Document Format (PDF). (III.C.4)		N/A

Requirements for Preliminary/Final Plat				
<input checked="" type="checkbox"/>	Required Items for Submittal	Item Location (e.g. Page/line or Plan Sheet/Note #)	Required for Preliminary / Final Plat	Waiver Requested
<input checked="" type="checkbox"/>	Name and address of record owner, any option holders, descriptive name of subdivision, engineer and/or surveyor or name of person who prepared the plat. (Section IV.1/V.1)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A

Requirements for Preliminary/Final Plat				Waiver Requested
<input checked="" type="checkbox"/>	Required Items for Submittal	Item Location (e.g. Page/line or Plan Sheet/Note #)	Required for Preliminary / Final Plat	
<input checked="" type="checkbox"/>	Preliminary Plat Names and addresses of all adjoining property owners. (Section IV.2) Final Plat Names and addresses of all abutting property owners, locations of buildings within one hundred (100) feet of the parcel, and any new house numbers within the subdivision. (Section V.2)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A
<input checked="" type="checkbox"/>	North point, date, and bar scale. (Section IV.3/V3)	Required on all Plan Sheets	<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A
<input checked="" type="checkbox"/>	Zoning classification and minimum yard dimensions required. (Section IV.4/V.4)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A
<input checked="" type="checkbox"/>	Preliminary Plat Scale (not to be smaller than one hundred (100) feet = 1 inch) and location map (at a scale of 1" = 1000'). (Section IV.5) Final Plat Scale (not to be smaller than 1"=100'), Location map (at a scale of 1"=1,000') showing the property being subdivided and its relation to the surrounding area within a radius of 2,000 feet. Said location map shall delineate all streets and other major physical features that may either affect or be affected by the proposed development. (Section V.5)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A
<input checked="" type="checkbox"/>	Location and approximate dimensions of all existing and proposed property lines including the entire area proposed to be subdivided, the areas of proposed lots, and any adjacent parcels in the same ownership. (Section IV.6)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	
<input checked="" type="checkbox"/>	Dimensions and areas of all lots and any and all property to be dedicated or reserved for schools, parks, playgrounds, or other public purpose. Dimensions shall include radii and length of all arcs and calculated bearing for all straight lines. (Section V.6/ IV.7)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A
<input checked="" type="checkbox"/>	Location, names, and present widths of all adjacent streets, with a designation as to whether public or private and approximate location of existing utilities to be used. Curbs and sidewalks shall be shown. (Section IV.8/V.7)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	

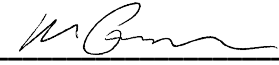
Requirements for Preliminary/Final Plat				
<input checked="" type="checkbox"/>	Required Items for Submittal	Item Location (e.g. Page/line or Plan Sheet/Note #)	Required for Preliminary / Final Plat	Waiver Requested
<input checked="" type="checkbox"/>	Location of significant physical features, including bodies of water, watercourses, wetlands, railroads, important vegetation, stone walls and soils types that may influence the design of the subdivision. (Section IV.9/V.8)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	
<input checked="" type="checkbox"/>	Preliminary Plat Proposed locations, widths and other dimensions of all new streets and utilities, including water mains, storm and sanitary sewer mains, catch basins and culverts, street lights, fire hydrants, sewerage pump stations, etc. (Section IV.10) Final Plat Proposed locations and profiles of all proposed streets and utilities, including water mains, storm and sanitary sewer mains, catchbasins and culverts, together with typical cross sections. Profiles shall be drawn to a horizontal scale of 1"=50' and a vertical scale of 1"=5', showing existing centerline grade, existing left and right sideline grades, and proposed centerline grade. (Section V.9)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	
<input checked="" type="checkbox"/>	When required by the Board, the plat shall be accompanied by profiles of proposed street grades, including extensions for a reasonable distance beyond the subject land; also grades and sizes of proposed utilities. (Section IV.10)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	
<input checked="" type="checkbox"/>	Base flood elevation (BFE) for subdivisions involving greater than five (5) acres or fifty (50) lots. (Section IV.11)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A
<input checked="" type="checkbox"/>	For subdivisions of five (5) lots or more, or at the discretion of the Board otherwise, the preliminary plat shall show contours at intervals no greater than two (2) feet. Contours shall be shown in dotted lines for existing natural surface and in solid lines for proposed final grade, together with the final grade elevations shown in figures at all lot corners. If existing grades are not to be changed, then the contours in these areas shall be solid lines. (Section IV.12/ V.12)		<input checked="" type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	

Requirements for Preliminary/Final Plat				
<input checked="" type="checkbox"/>	Required Items for Submittal	Item Location (e.g. Page/line or Plan Sheet/Note #)	Required for Preliminary / Final Plat	Waiver Requested
<input checked="" type="checkbox"/>	Dates and permit numbers of all necessary permits from governmental agencies from which approval is required by Federal or State law. (Section V.10)		<input type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	
<input type="checkbox"/>	For subdivisions involving greater than five (5) acres or fifty (50) lots, the final plat shall show hazard zones and shall include elevation data for flood hazard zones. (Section V.11)		<input type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	N/A
<input checked="" type="checkbox"/>	Location of all permanent monuments. (Section V.12)		<input type="checkbox"/> Preliminary Plat <input checked="" type="checkbox"/> Final Plat	

General Requirements ¹			
<input checked="" type="checkbox"/>	Required Items for Submittal	Item Location (e.g. Page/line or Plan Sheet/Note #)	Waiver Requested
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1. Basic Requirements: (VI.1) a. Conformity to Official Plan or Map b. Hazards c. Relation to Topography d. Planned Unit Development		
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	2. Lots: (VI.2) a. Lot Arrangement b. Lot sizes c. Commercial and Industrial Lots		N/A
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3. Streets: (VI.3) a. Relation to adjoining Street System b. Street Rights-of-Way c. Access d. Parallel Service Roads e. Street Intersection Angles f. Merging Streets g. Street Deflections and Vertical Alignment h. Marginal Access Streets i. Cul-de-Sacs j. Rounding Street Corners k. Street Name Signs l. Street Names m. Block Lengths n. Block Widths o. Grade of Streets p. Grass Strips		
<input checked="" type="checkbox"/>	4. Curbing: (VI.4)		
<input checked="" type="checkbox"/>	5. Driveways: (VI.5)		
<input checked="" type="checkbox"/>	6. Drainage Improvements: (VI.6)		
<input checked="" type="checkbox"/>	7. Municipal Water Service: (VI.7)		
<input type="checkbox"/>	8. Municipal Sewer Service: (VI.8)		N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	9. Installation of Utilities: (VI.9) a. All Districts b. Indicator Tape		N/A
<input type="checkbox"/>	10. On-Site Water Supply: (VI.10)		N/A
<input checked="" type="checkbox"/>	11. On-Site Sewage Disposal Systems: (VI.11)		
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	12. Open Space: (VI.12) a. Natural Features b. Buffer Strips c. Parks d. Tree Planting		N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	13. Flood Hazard Areas: (VI.13) a. Permits b. Minimization of Flood Damage c. Elevation and Flood-Proofing Records d. Alteration of Watercourses		N/A
<input checked="" type="checkbox"/>	14. Erosion and Sedimentation Control (VI.14)		

<input checked="" type="checkbox"/>	Required Items for Submittal	Item Location (e.g. Page/line or Plan Sheet/Note #)	Waiver Requested
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	15. Easements (VI.15) a. Utilities b. Drainage		
<input checked="" type="checkbox"/>	16. Monuments: (VI.16)		
<input checked="" type="checkbox"/>	17. Benchmarks: (VI.17)		
<input type="checkbox"/>	18. House Numbers (VI.18)		

Design Standards			
	Required Items for Submittal	Indicate compliance and/or provide explanation as to alternative design	Waiver Requested
<input checked="" type="checkbox"/>	1. Streets have been designed according to the design standards required under Section (VII.1). a. Clearing b. Excavation c. Rough Grade and Preparation of Sub-Grade d. Base Course e. Street Paving f. Side Slopes g. Approval Specifications h. Curbing i. Sidewalks j. Inspection and Methods		
<input checked="" type="checkbox"/>	2. Storm water Sewers and Other Drainage Appurtenances have been designed according to the design standards required under Section (VII.2). a. Design b. Standards of Construction		
<input type="checkbox"/>	3. Sanitary Sewers have been designed according to the design standards required under Section (VII.3). a. Design b. Lift Stations c. Materials d. Construction Standards		
<input checked="" type="checkbox"/>	4. Water Mains and Fire Hydrants have been designed according to the design standards required under Section (VII.4). a. Connections to Lots b. Design and Construction c. Materials d. Notification Prior to Construction		

Applicant's/Representative's Signature:  Date: 9/22/2020

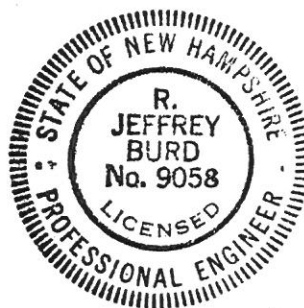
¹ See City of Portsmouth, NH Subdivision Rules and Regulations for details.
Subdivision Application Checklist/April 2019

DRAINAGE ANALYSIS

Prepared for:
DUBE PLUS CONSTRUCTION
TAX MAP 283 LOT 11
PATRICIA DRIVE
PORTSMOUTH, NH

Prepared by:
NEW HAMPSHIRE LAND CONSULTANTS, PLLC
683C FIRST NH TURNPIKE
NORTHWOOD, NH 03261
&
RJB ENGINEERING
JEFFREY BURD, P.E.

Project Number:
258.00



RJBurd

1. Table of Contents

1. Narrative of the project with summary table of peak discharge rates
2. Drainage analysis-Full Pre & Post summary of the 10-YR
3. Conclusion

PROJECT NARATIVE

Narrative

Introduction

This drainage analysis details the surface water drainage patterns on a parcel located at Patricia Drive in Portsmouth, NH. Using HydroCAD to model storm events this analysis estimates the amount of storm water surface runoff from this site before and after the proposed parking lot and sidewalk. The design of this project will decrease the runoff.

The proposed improvements are on Patricia Drive and Tax Map 283 Lot 11. The applicant, Dube Plus Construction wishes to rebuild Patricia Drive and construct 2 single family homes. We are proposing 2 small detention basins to control the runoff from the reconstructed road, driveways and yards. The houses will be constructed with drip edges and all roof runoff will be infiltrated via the drip edge.

The area that has been analyzed is all upland, Chatfield-Hollis-Canton, Sandy Loam soils (Hydro group B soils) as categorized by the Soil Conservation District.

The following section explains the methods used to determine the runoff quantities generated by the existing conditions site. The objective of this analysis is to obtain surface storm water runoff flow data. This information is compared to evaluate whether there may be an impact to existing drainage system in the area.

Methodology

The drainage analysis performed utilizes nationally recognized techniques developed by the USDA, Soil Conservation Service (SCS). The techniques and models used for this analysis are described in "Urban Hydrology for Small Watersheds, Technical Release Number 55" dated 1986 and in USDOT Federal Highway Administration (FHA) "Hydraulic Design of Highway Culverts" dated September 1985.

Design computations were based on a Type III 24-hour storm event as recommended for New Hampshire. 10 year – 24-hour event of 4.92 inches of precipitation respectively was analyzed. Pre and Post-development conditions were analyzed by the same method. An investigation was conducted to confirm published watershed soil and vegetative characteristics that were used for the input program "HydroCAD Storm water Modeling System, Version 10.00-25". Tabulated summaries of the results are shown in the results section of this report.

Procedure

To begin the stormwater study, the limits and areas of the watershed for this development were identified. The existing watershed area is treated as 1 sub-catchment. The proposed development watershed area is treated as 5 sub-catchments. Weighted runoff curve numbers (CN) were calculated for each sub-catchment watershed area. Runoff curve numbers were chosen based on site investigation, TR-55, USDA Agriculture Handbook 590 (1997), and USDA Soil Conservation Service Soil Survey, issued October 1994. The value of CN depends on soil type, vegetative cover and hydraulic conditions of the land surface. Surface water run off rate and total volume during and after a storm event is also influenced by: slope of the land, area of the watershed, hydraulic length of watershed, and ponds and swamps. In addition, the amount of surface runoff produced by a given storm event is a function of the duration and intensity of the storm.

Pre-development and post-development conditions for the watershed were analyzed by the method outlined in USDA Soil Conservation Service Soil Survey, issued October 1994. Using this post-development information, computer generated hydrographs were calculated and peak runoff rates determined for each specific storm event.

The entire area to be developed will disturb approximately 34,000 square feet. Re-graded areas along the edge of construction will ultimately become stabilized and generally resume their pre-development characteristics.

RAINFALL CHARACTERISTICS

This drainage report includes proposed conditions analysis for the site. The model was constructed using the USDA SCS TR-20 Method within the HydroCAD Stormwater Modeling System. The curve numbers were developed using the SCS TR-55 Runoff Curve numbers for Urban Areas. A Type III SCS 24-hour rainfall distribution was utilized in analyzing the data for a 10 Yr – 24 Hr (4.92") storm-event, to assure the adequacy of the proposed structure.

RAINFALL CHARACTERISTICS

This drainage report includes proposed conditions analysis for the site. The model was constructed using the USDA SCS TR-20 Method within the HydroCAD Stormwater Modeling System. The curve numbers were developed using the SCS TR-55 Runoff Curve numbers for Urban Areas.

SEDIMENT & EROSION CONTROL PLANS BEST MANAGEMENT PRACTICES (BMP's)

**Reference: Sheet - Proposed Conditions Plan
General Details**

The proposed site development is protected from erosion and the roadways and abutting properties are protected from sediment by the use of Best Management Practices as outlined in the Stormwater Management & Erosion & Sediment Control Handbook for Urban & Developing Areas in New Hampshire. Any area disturbed by construction will be re-stabilized within 45 days and abutting properties and wetlands will not be adversely affected by this development. All swales and drainage structures will be constructed and stabilized prior to having run-off directed to them.

1 Filtrexx sock/Construction Fence

The plan set demonstrates the location of filtrexx sock for sediment control. In areas where the limits of construction need to be emphasized to operators, construction fence for added visibility will be installed. The Erosion and Sediment Control Details, has the specifications for installation and maintenance of the silt fence. Orange construction fence will be VISI Perimeter Fence by Conwed Plastic Fencing, or equal. The four-foot fencing is to be installed using six-foot posts at least two feet in the ground with six to eight feet spacing.

2 Drainage Swales / Stormwater Conveyance Channels

Drainage swales will be stabilized with vegetation for long term cover as outlined below, and using seed mixture C. As a general rule, velocities in the swale should not exceed 3.0 feet per second for a vegetated swale although velocities as high as 4.5 FPS are allowed under certain soil conditions. The use of jute matting will aid in the stabilization of vegetation.

3 Vegetated Stabilization

All areas that are disturbed during construction will be stabilized with vegetated material within 45 days of breaking ground. Construction will be managed in such a manner that erosion is prevented and that no abutter's property will be subjected to any siltation, unless otherwise permitted. All areas to be planted with grass for long-term cover will follow the specification and on Sheet E-1 using seeding mixture C, as follows:

Mixture	Pounds per Acre	Pounds per 1,000 Sq. Ft.
Tall Fescue	20	0.45
Creeping Red Fescue	20	0.45
Birdsfoot Trefoil	<u>8</u>	<u>0.20</u>
Total	48	1.10

4 Stabilized Construction Entrance

A temporary gravel construction entrance provides an area where mud can be dislodged from tires before the vehicle leaves the construction site to reduce the amount of mud and sediment transported onto paved municipal and state roads. The stone size for the pad should be between 1 and 2-inch coarse aggregate, and the pad itself constructed to a minimum length of 50' for the full width of the access road. The aggregate should be placed at least six inches thick. A plan view and profile are shown on Sheet E1 - Sediment and Erosion Control Detail Plan.

5 Environmental Dust Control

Dust will be controlled on the site by the use of multiple Best Management Practices. Mulching and temporary seeding will be the first line of protection to be utilized where problems occur. If dust problems are not solved by these applications, the use of water and calcium chloride can be applied. Calcium chloride will be applied at a rate that will keep the surface moist but not cause pollution.

7 Construction Sequence

1. Cut and remove trees and pavement in construction areas as directed or required.
2. Construct and/or install temporary and permanent sediment erosion and detention control facilities, as required (swales, berms, level spreaders, etc. Erosion, sediment and detention control facilities shall be installed and stabilized prior to any earth moving operation, and prior to directing run-off to them.
3. Clear, cut, grub, and dispose of debris in approved facilities.
4. Excavate and stockpile topsoil / loam. All disturbed areas shall be stabilized immediately after grading.
5. Begin permanent and temporary seeding and mulching. All cut and fill slopes and disturbed areas shall be seeded and mulched as required, or directed.

6. Daily, or as required, construct temporary berms, drainage ditches, check dams, sediment traps, etc. to prevent erosion on the site and prevent any siltation of abutting waters or property.
7. Inspect and maintain all erosion and sediment control measures during construction.
8. Complete permanent seeding and landscaping.
9. Remove temporary erosion control measures after seeding areas have established themselves and site improvements are complete. Smooth and re-vegetate all disturbed areas.
10. All drainage structures will be constructed and stabilized prior to having run-off being directed to them.

9 Temporary Erosion Control Measures

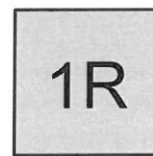
1. The smallest practical area of land shall be exposed at any one time.
2. Erosion, sediment and detention measures shall be installed as shown on the plans and at locations as required, or directed by the engineer.
3. All disturbed areas shall be returned to original grades and elevations. Disturbed areas shall be loamed with a minimum of 4" of loam and seeded with not less than 1.10 pound of seed per 1,000 square feet (48 pounds per acre) of area.
4. Silt fences and other barriers shall be inspected periodically and after every rainstorm during the life of the project. All damaged areas shall be repaired, sediment deposits shall periodically be removed and properly disposed of.
5. After all disturbed areas have been stabilized, the temporary erosion control measures are to be removed and the area disturbed by the removal smoothed and revegetated.
6. Areas must be seeded and mulched within 5 days of final grading, permanently stabilized within 15 days of final grading, or temporarily stabilized within 45 days of initial disturbance of soil.

10 Inspection and Maintenance Schedule

Fencing will be inspected during and after storm events to ensure that the fence still has integrity and is not allowing sediment to pass. Sediment build-up will be removed if it is deeper than six inches.

DRAINAGE ANALYSIS PRE & POST

Pre-Conditions Drainage Analysis
Full summary
10 YR – 24 HR rainfall = 4.92”



Ex.
pavement/grass/woods

Existing



Routing Diagram for Ex drainage

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Ex drainage

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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.158	61	>75% Grass cover, Good, HSG B (1S)
0.180	98	Pavement (1S)
0.438	55	Woods, Good, HSG B (1S)
0.775	66	TOTAL AREA

Ex drainage

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Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.596	HSG B	1S
0.000	HSG C	
0.000	HSG D	
0.180	Other	1S
0.775		TOTAL AREA

Ex drainage

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Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.158	0.000	0.000	0.000	0.158	>75% Grass cover, Good	1S
0.000	0.000	0.000	0.000	0.180	0.180	Pavement	1S
0.000	0.438	0.000	0.000	0.000	0.438	Woods, Good	1S
0.000	0.596	0.000	0.000	0.180	0.775	TOTAL AREA	

Ex drainage*Type III 24-hr 10 yr 24 hr Rainfall=4.92"*

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN

Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Ex.

Runoff Area=33,769 sf 23.17% Impervious Runoff Depth>1.53"

Tc=5.0 min CN=66 Runoff=1.46 cfs 0.099 af

Reach 1R: Existing

Inflow=1.46 cfs 0.099 af

Outflow=1.46 cfs 0.099 af

Total Runoff Area = 0.775 ac Runoff Volume = 0.099 af Average Runoff Depth = 1.53"
76.83% Pervious = 0.596 ac 23.17% Impervious = 0.180 ac

Ex drainage

Type III 24-hr 10 yr 24 hr Rainfall=4.92"

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Summary for Subcatchment 1S: Ex. pavement/grass/woods

Runoff = 1.46 cfs @ 12.09 hrs, Volume= 0.099 af, Depth> 1.53"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 10 yr 24 hr Rainfall=4.92"

	Area (sf)	CN	Description
*	7,823	98	Pavement
	19,073	55	Woods, Good, HSG B
	6,873	61	>75% Grass cover, Good, HSG B
	33,769	66	Weighted Average
	25,946		76.83% Pervious Area
	7,823		23.17% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, 1

Summary for Reach 1R: Existing

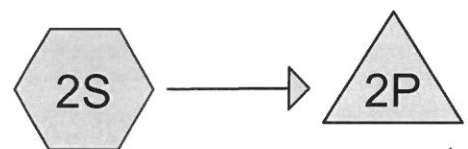
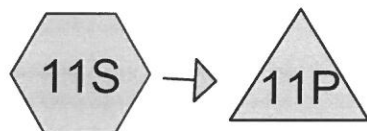
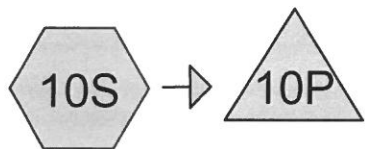
Inflow Area = 0.775 ac, 23.17% Impervious, Inflow Depth > 1.53" for 10 yr 24 hr event

Inflow = 1.46 cfs @ 12.09 hrs, Volume= 0.099 af

Outflow = 1.46 cfs @ 12.09 hrs, Volume= 0.099 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Pro-Conditions Drainage Analysis
Full summary
10 YR – 24 HR rainfall = 4.92”



Yard area

Det. Pond

Yard area



Pro. pavement

Det. Pond

Proposed



Routing Diagram for Pro drainage

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Pro drainage

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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.498	61	>75% Grass cover, Good, HSG B (1S, 2S, 3S)
0.074	98	Impervious (house) (10S, 11S)
0.150	98	Pavement (1S)
0.054	55	Woods, Good, HSG B (2S, 3S)
0.775	71	TOTAL AREA

Pro drainage

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Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.552	HSG B	1S, 2S, 3S
0.000	HSG C	
0.000	HSG D	
0.223	Other	1S, 10S, 11S
0.775		TOTAL AREA

Pro drainage

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Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.498	0.000	0.000	0.000	0.498	>75% Grass cover, Good	1S, 2S, 3S
0.000	0.000	0.000	0.000	0.074	0.074	Impervious (house)	10S, 11S
0.000	0.000	0.000	0.000	0.150	0.150	Pavement	1S
0.000	0.054	0.000	0.000	0.000	0.054	Woods, Good	2S, 3S
0.000	0.552	0.000	0.000	0.223	0.775	TOTAL AREA	

Pro drainage

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Pipe Listing (all nodes)

Line#	Node Number	In-Invert (feet)	Out-Invert (feet)	Length (feet)	Slope (ft/ft)	n	Diam/Width (inches)	Height (inches)	Inside-Fill (inches)
1	2P	45.00	44.72	28.0	0.0100	0.012	12.0	0.0	0.0

Pro drainage

Type III 24-hr 10 yr 24 hr Rainfall=4.92"

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Pro. pavement	Runoff Area=19,758 sf 33.02% Impervious Runoff Depth>2.05" Tc=5.0 min CN=73 Runoff=1.17 cfs 0.078 af
Subcatchment 2S: Yard area	Runoff Area=6,223 sf 0.00% Impervious Runoff Depth>1.13" Tc=5.0 min CN=60 Runoff=0.19 cfs 0.013 af
Subcatchment 3S: Yard area	Runoff Area=4,583 sf 0.00% Impervious Runoff Depth>1.07" Tc=5.0 min CN=59 Runoff=0.13 cfs 0.009 af
Subcatchment 10S: House 1	Runoff Area=1,680 sf 100.00% Impervious Runoff Depth>4.35" Tc=5.0 min CN=98 Runoff=0.19 cfs 0.014 af
Subcatchment 11S: House 2	Runoff Area=1,524 sf 100.00% Impervious Runoff Depth>4.35" Tc=5.0 min CN=98 Runoff=0.17 cfs 0.013 af
Reach 1R: Proposed	Inflow=0.21 cfs 0.051 af Outflow=0.21 cfs 0.051 af
Pond 1P: Det. Pond	Peak Elev=46.54' Storage=2,190 cf Inflow=1.35 cfs 0.091 af Outflow=0.19 cfs 0.041 af
Pond 2P: Det. Pond	Peak Elev=45.21' Storage=22 cf Inflow=0.19 cfs 0.013 af 12.0" Round Culvert n=0.012 L=28.0' S=0.0100 '/' Outflow=0.18 cfs 0.013 af
Pond 10P: drip edge	Peak Elev=55.45' Storage=208 cf Inflow=0.19 cfs 0.014 af Outflow=0.02 cfs 0.014 af
Pond 11P: drip edge	Peak Elev=58.37' Storage=114 cf Inflow=0.17 cfs 0.013 af Outflow=0.04 cfs 0.013 af

Total Runoff Area = 0.775 ac Runoff Volume = 0.127 af Average Runoff Depth = 1.97"
71.19% Pervious = 0.552 ac 28.81% Impervious = 0.223 ac

Pro drainage

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Type III 24-hr 10 yr 24 hr Rainfall=4.92"

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Summary for Subcatchment 1S: Pro. pavement

Runoff = 1.17 cfs @ 12.08 hrs, Volume= 0.078 af, Depth> 2.05"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Type III 24-hr 10 yr 24 hr Rainfall=4.92"

Area (sf)	CN	Description
* 6,525	98	Pavement
13,233	61	>75% Grass cover, Good, HSG B
19,758	73	Weighted Average
13,233		66.98% Pervious Area
6,525		33.02% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, 1

Summary for Subcatchment 2S: Yard area

Runoff = 0.19 cfs @ 12.09 hrs, Volume= 0.013 af, Depth> 1.13"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Type III 24-hr 10 yr 24 hr Rainfall=4.92"

Area (sf)	CN	Description
5,186	61	>75% Grass cover, Good, HSG B
1,037	55	Woods, Good, HSG B
6,223	60	Weighted Average
6,223		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, 1

Summary for Subcatchment 3S: Yard area

Runoff = 0.13 cfs @ 12.09 hrs, Volume= 0.009 af, Depth> 1.07"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Type III 24-hr 10 yr 24 hr Rainfall=4.92"

Area (sf)	CN	Description
1,310	55	Woods, Good, HSG B
3,273	61	>75% Grass cover, Good, HSG B
4,583	59	Weighted Average
4,583		100.00% Pervious Area

Pro drainage

Type III 24-hr 10 yr 24 hr Rainfall=4.92"

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Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, 1

Summary for Subcatchment 10S: House 1

Runoff = 0.19 cfs @ 12.07 hrs, Volume= 0.014 af, Depth> 4.35"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 10 yr 24 hr Rainfall=4.92"

Area (sf)	CN	Description
* 1,680	98	Impervious (house)
1,680		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, 1

Summary for Subcatchment 11S: House 2

Runoff = 0.17 cfs @ 12.07 hrs, Volume= 0.013 af, Depth> 4.35"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 10 yr 24 hr Rainfall=4.92"

Area (sf)	CN	Description
* 1,524	98	Impervious (house)
1,524		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, 1

Summary for Reach 1R: Proposed

Inflow Area = 0.702 ac, 21.35% Impervious, Inflow Depth > 0.87" for 10 yr 24 hr event
Inflow = 0.21 cfs @ 12.75 hrs, Volume= 0.051 af
Outflow = 0.21 cfs @ 12.75 hrs, Volume= 0.051 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Summary for Pond 1P: Det. Pond

Inflow Area = 0.596 ac, 25.11% Impervious, Inflow Depth > 1.83" for 10 yr 24 hr event
Inflow = 1.35 cfs @ 12.09 hrs, Volume= 0.091 af
Outflow = 0.19 cfs @ 12.76 hrs, Volume= 0.041 af, Atten= 86%, Lag= 40.3 min
Primary = 0.19 cfs @ 12.76 hrs, Volume= 0.041 af

Pro drainage

Type III 24-hr 10 yr 24 hr Rainfall=4.92"

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Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs / 3

Peak Elev= 46.54' @ 12.76 hrs Surf.Area= 1,165 sf Storage= 2,190 cf

Flood Elev= 47.00' Surf.Area= 1,238 sf Storage= 2,746 cf

Plug-Flow detention time= 191.9 min calculated for 0.041 af (46% of inflow)

Center-of-Mass det. time= 103.1 min (908.8 - 805.8)

Volume	Invert	Avail.Storage	Storage Description
#1	44.00'	2,746 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
44.00	507	0	0
46.00	1,080	1,587	1,587
47.00	1,238	1,159	2,746

Device	Routing	Invert	Outlet Devices
#1	Primary	46.50'	10.0' long x 2.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 Coef. (English) 2.54 2.61 2.61 2.60 2.66 2.70 2.77 2.89 2.88 2.85 3.07 3.20 3.32

Primary OutFlow Max=0.18 cfs @ 12.76 hrs HW=46.54' (Free Discharge)

1=Broad-Crested Rectangular Weir (Weir Controls 0.18 cfs @ 0.49 fps)

Summary for Pond 2P: Det. Pond

Inflow Area = 0.143 ac, 0.00% Impervious, Inflow Depth > 1.13" for 10 yr 24 hr event
 Inflow = 0.19 cfs @ 12.09 hrs, Volume= 0.013 af
 Outflow = 0.18 cfs @ 12.11 hrs, Volume= 0.013 af, Atten= 4%, Lag= 1.1 min
 Primary = 0.18 cfs @ 12.11 hrs, Volume= 0.013 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs / 3

Peak Elev= 45.21' @ 12.11 hrs Surf.Area= 114 sf Storage= 22 cf

Flood Elev= 47.00' Surf.Area= 327 sf Storage= 407 cf

Plug-Flow detention time= 5.0 min calculated for 0.013 af (99% of inflow)

Center-of-Mass det. time= 2.9 min (831.2 - 828.3)

Volume	Invert	Avail.Storage	Storage Description
#1	45.00'	407 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
45.00	91	0	0
46.00	198	145	145
47.00	327	263	407

Device	Routing	Invert	Outlet Devices
#1	Primary	45.00'	12.0" Round Culvert L= 28.0' Ke= 0.500

Pro drainage

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Type III 24-hr 10 yr 24 hr Rainfall=4.92"

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Inlet / Outlet Invert= 45.00' / 44.72' S= 0.0100 ' /' Cc= 0.900
 n= 0.012, Flow Area= 0.79 sf

Primary OutFlow Max=0.18 cfs @ 12.11 hrs HW=45.21' (Free Discharge)

↑ **1=Culvert** (Barrel Controls 0.18 cfs @ 2.26 fps)

Summary for Pond 10P: drip edge

Inflow Area = 0.039 ac, 100.00% Impervious, Inflow Depth > 4.35" for 10 yr 24 hr event
 Inflow = 0.19 cfs @ 12.07 hrs, Volume= 0.014 af
 Outflow = 0.02 cfs @ 11.50 hrs, Volume= 0.014 af, Atten= 89%, Lag= 0.0 min
 Discarded = 0.02 cfs @ 11.50 hrs, Volume= 0.014 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs / 3
 Peak Elev= 55.45' @ 12.73 hrs Surf.Area= 144 sf Storage= 208 cf
 Flood Elev= 56.00' Surf.Area= 144 sf Storage= 288 cf

Plug-Flow detention time= 72.6 min calculated for 0.014 af (100% of inflow)
 Center-of-Mass det. time= 71.8 min (806.2 - 734.5)

Volume	Invert	Avail.Storage	Storage Description
#1	54.00'	288 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
54.00	144	0	0
56.00	144	288	288

Device	Routing	Invert	Outlet Devices
#1	Discarded	54.00'	6.000 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.02 cfs @ 11.50 hrs HW=54.02' (Free Discharge)

↑ **1=Exfiltration** (Exfiltration Controls 0.02 cfs)

Summary for Pond 11P: drip edge

Inflow Area = 0.035 ac, 100.00% Impervious, Inflow Depth > 4.35" for 10 yr 24 hr event
 Inflow = 0.17 cfs @ 12.07 hrs, Volume= 0.013 af
 Outflow = 0.04 cfs @ 11.80 hrs, Volume= 0.013 af, Atten= 75%, Lag= 0.0 min
 Discarded = 0.04 cfs @ 11.80 hrs, Volume= 0.013 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs / 3
 Peak Elev= 58.37' @ 12.43 hrs Surf.Area= 306 sf Storage= 114 cf
 Flood Elev= 60.00' Surf.Area= 306 sf Storage= 612 cf

Plug-Flow detention time= 14.6 min calculated for 0.013 af (100% of inflow)
 Center-of-Mass det. time= 13.9 min (748.4 - 734.5)

Pro drainage

Type III 24-hr 10 yr 24 hr Rainfall=4.92"

Prepared by Brown Engineering and Surveying, LLC

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Volume	Invert	Avail.Storage	Storage Description
#1	58.00'	612 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
58.00	306	0	0
60.00	306	612	612

Device	Routing	Invert	Outlet Devices
#1	Discarded	58.00'	6.000 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.04 cfs @ 11.80 hrs HW=58.02' (Free Discharge)↑ **1=Exfiltration** (Exfiltration Controls 0.04 cfs)

CONCLUSION

**Pre vs Pro comparison
Discharge Point 1R**

Storm Yr/24 hr	Existing CFS	Proposed CFS	Difference
10	1.46	0.21	-1.25

Conclusion

The intent of this report is to evaluate the re-construction of Patricia Drive and the improvement to two proposed parcels. We have evaluated the watersheds area on the property. We have determined that two small basins will control all stormwater run-off from the reconstruction of Patricia Drive and new construction area.

A Site Specific, Terrain Alteration Permit (RSA 485: A-17) is **not** required for this site plan due to the area of disturbance is less than 100,000 square feet for AOT and a SWPPP is **not** required as the disturbance is less than 1 acre.

Respectfully Submitted,

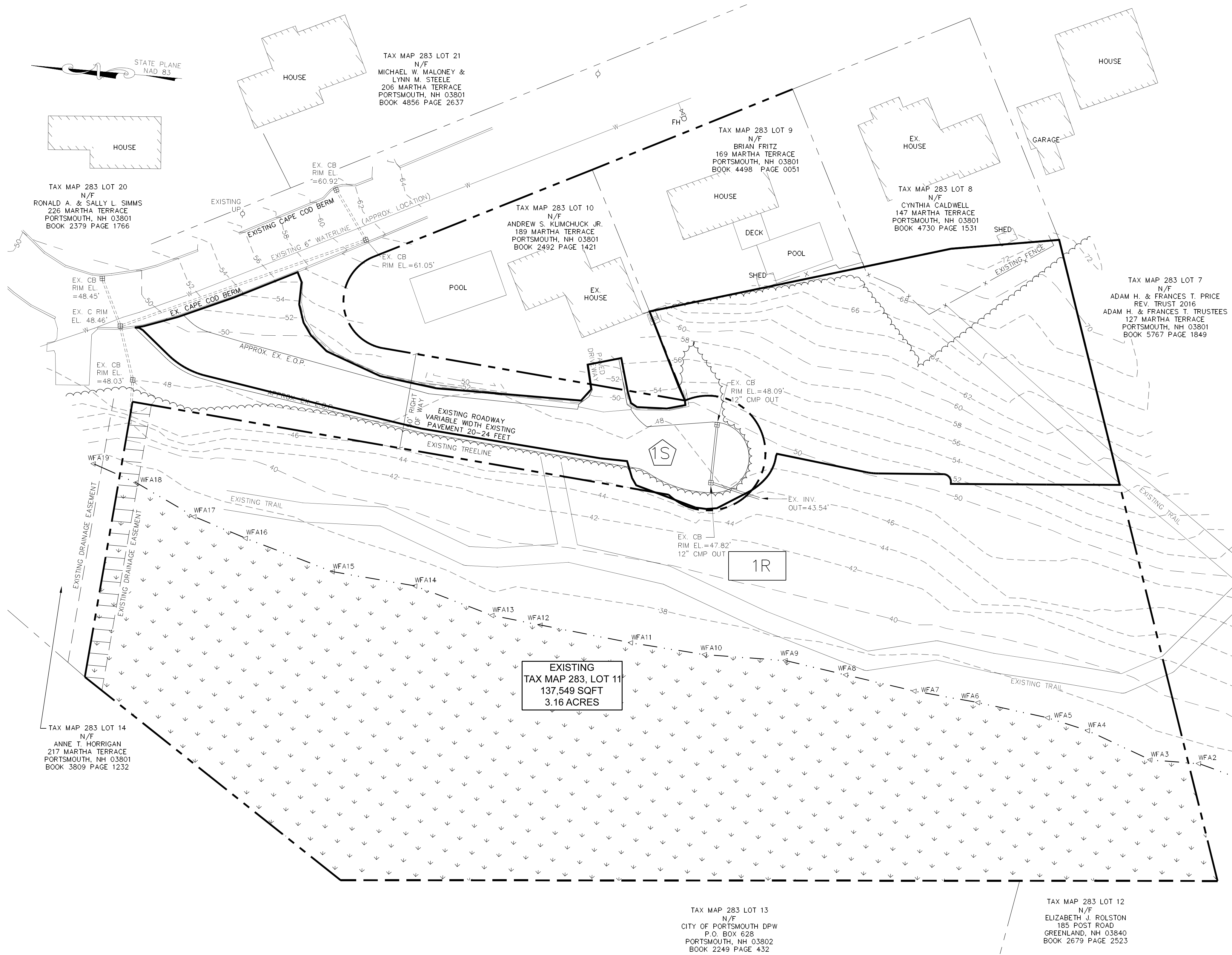
New Hampshire Land Consultants, PLLC

Scott R Frankiewicz, LLS
Project Manager

Jeff Burd, PE
Project Engineer

PRE & POST WATERSHED PLANS

Drawing Name: P:\NH\Northrup and Consultants\Projects\258.00 - DUB\101-101-Horridge Drive-Portsmouth\Wing Drainage.dwg

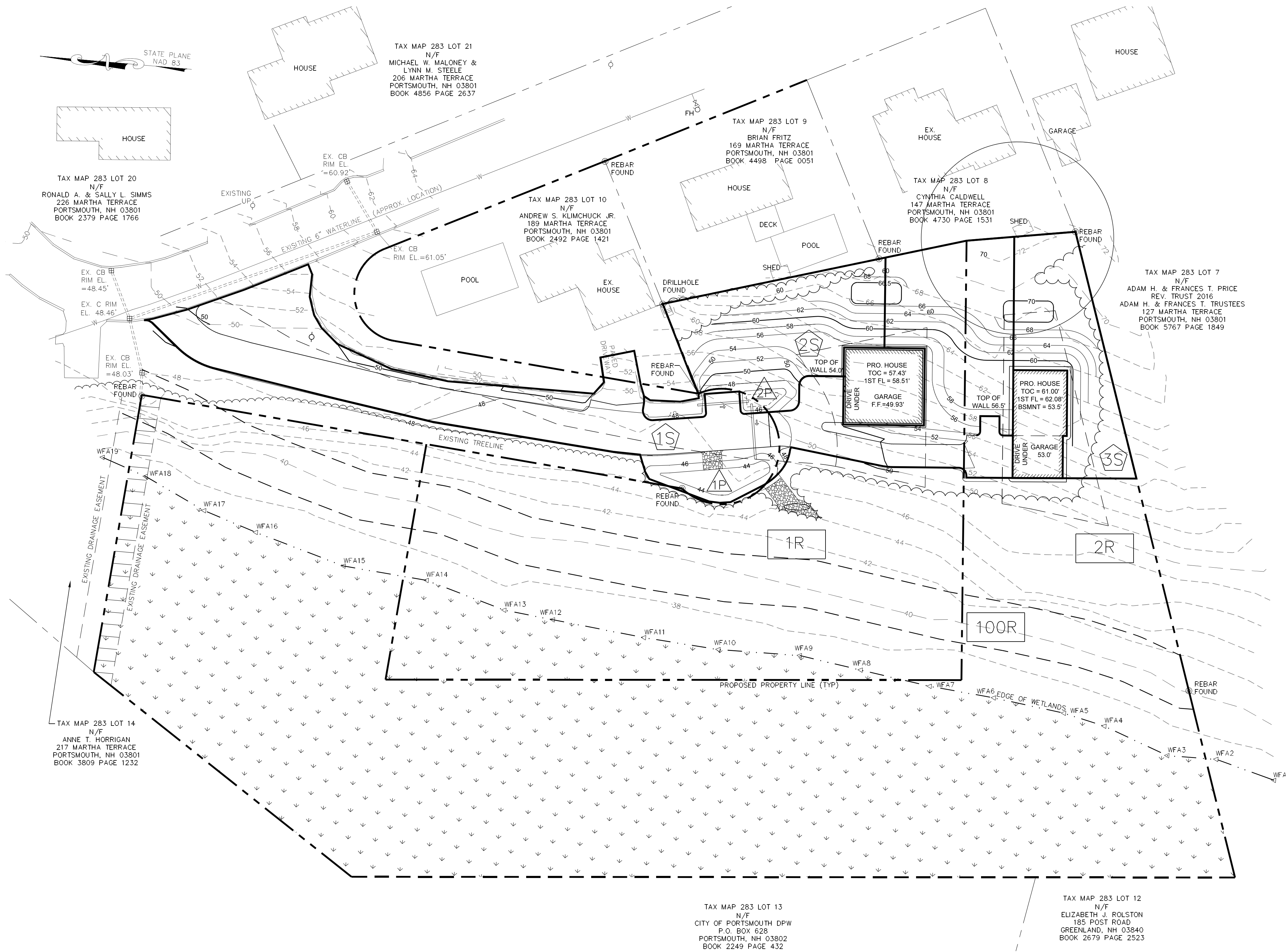


DRAINAGE LEGEND

#	SUBCATCHMENT
#	POND
#	REACH
#	DESIGN POINT

EXISTING WATERSHED PLAN TAX MAP 283 LOT 11 DUBE PLUS CONSTRUCTION PATRICIA DRIVE, PORTSMOUTH NH 03801 OWNED BY FRITZ FAMILY REVOC LIV TRUST, EDGAR H FRITZ, TRUSTEE P.O. BOX 524, 50 SHORE DR., NORTHWOOD NH, 03261 BOOK 3338 PAGE 0173		REVISIONS	
NO.	DATE	DESCRIPTION	BY
GRAPHIC SCALE 15 7.5 0 30 SCALE: 1"=30'			
 N.H. LAND Consultants SURVEYING • LAND PLANNING • REAL ESTATE A Veteran Owned Company 683C FIRST NH TURNPIKE, NORTHWOOD, NH 03261 PH 603-942-9220 WEBSITE: NH.LANDCONSULTANTS.COM			
ROCKINGHAM CO. JOB NO: 258.00 DATE: DECEMBER 23, 2020			
EW SHT. 1 of 2			

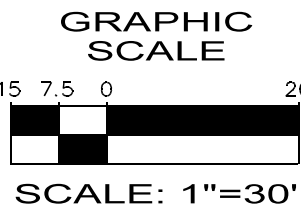
Drawing Name: P:\NH\Nonplan\NH Land Consultants\Projects\25800\00 Data\DOT\DOT-Horridge Drive-Portsmouth Veng\Watershed.dwg



DRAINAGE LEGEND

- # SUBCATCHMENT
- # POND
- # REACH
- # DESIGN POINT

REVISIONS			
NO.	DATE	DESCRIPTION	BY



PROPOSED WATERSHED PLAN
TAX MAP 283 LOT 11
DUBE PLUS CONSTRUCTION
PATRICIA DRIVE, PORTSMOUTH, NH 03801
OWNED BY
FRITZ FAMILY REVOC LIV TRUST,
EDGAR H FRITZ, TRUSTEE
P.O. BOX 524, 50 SHORE DR., NORTHWOOD, NH, 03261
BOOK 3338 PAGE 0173

ROCKINGHAM CO.
JOB NO: 258.00
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PW
SHT. 2 of 2

1683C FIRST NH TURNPIKE NORTHWOOD, NH 03261 PH 603-942-9220 WEBSITE: NHLANDCONSULTANTS.COM



CITY OF PORTSMOUTH

Planning Department
1 Junkins Avenue
Portsmouth, New
Hampshire 03801
(603) 610-7216

PLANNING BOARD

July 27, 2022

Fritz Family Revocable Living Trust
Edgar H. Fritz Trustee
50 Shore Drive
Northwood, NH 03261

RE: Wetland Conditional Use Permit for property located at 0 Patricia Drive (LU-20-190)

Dear Mr. Fritz:

The Planning Board, at its regularly scheduled meeting of **Thursday, July 21, 2022**, considered your application for Wetland Conditional Use Permit approval under Section 10.1017 of the Zoning Ordinance to replace an existing unfinished right-of-way with a new private road to access two lots as well as the installation of stormwater treatment infrastructure and wetland buffer plantings which will result in 1,738 square feet of temporary impact and 4,283 square feet of permanent impact to the wetland buffer. Said property is shown on Assessor Map 283, lot 1 and lies within the Single Residence A (SRA). As a result of said consideration, the Board voted to find that the application meets the criteria set forth in 10.1017.50 and to **grant** the Wetland Conditional Use Permit with the following **stipulations**:

- 1.1) The applicant shall follow NOFA standards for landcare management
https://nofa.organiclandcare.net/wpcontent/uploads/nofa_organic_land_care_standards_6th_edition_2017_opt.pdf
- 1.2) The applicant shall require all winter maintenance personnel to have a Green Snow Pro certification.

The Board's decision may be appealed up to thirty (30) days after the vote. Any action taken by the applicant pursuant to the Board's decision during this appeal period shall be at the applicant's risk. Please contact the Planning Department for more details about the appeals process.

Unless otherwise indicated, applicant is responsible for applying for and securing a building permit from the Inspection Department prior to starting any project work. All stipulations of approval must be completed prior to issuance of a building permit unless otherwise indicated.

This approval shall expire one year after the date of approval by the Planning Board unless a building permit is issued prior to that date. The Planning Board may grant a one-year extension of a conditional use permit if the applicant submits a written request to the Planning Board prior to the expiration date.

The minutes and audio recording of this meeting are available by contacting the Planning Department.

Very truly yours,

A handwritten signature in black ink, appearing to read "Rick Chellman". The signature is fluid and cursive, with the first name "Rick" written in a smaller, more compact script than the last name "Chellman".

Rick Chellman, Chairman of the Planning Board

cc: Shanti Wolph, Chief Building Inspector
Rosann Maurice-Lentz, City Assessor

Michael Garrepy
Kevin Baum, Esq., Hoefle, Phoenix, Gormley & Roberts, PLLC