AMBIT ENGINEERING, INC. CIVIL ENGINEERS AND LAND SURVEYORS

200 Griffin Road, Unit 3, Portsmouth, NH 03801 Phone (603) 430-9282 Fax 436-2315

1 November 2022

Peter Stith, Technical Advisory Committee Chair City of Portsmouth 1 Junkins Avenue Portsmouth, NH 03801

RE: Lot Line Relocation Application at 184 Walker Bungalow Road and 27 Shaw Road, Tax Map 223 / Lots 18 and 19

Dear Mr. Stith:

On behalf of Brian Neste, Brady Byrd, and Austin Repair and Renovation, LLC we hereby submit the attached and enclosed Lot Line Relocation Plan for a proposed minor revision to the property line between **184 Walker Bungalow Road and 27 Shaw Road**. The project consists of the transfer of 3,834 Square feet of land from Tax Map 223 Lot 18 to Tax Map 223 Lot 19. No new construction is contemplated at this time; but construction will occur in the future. We hereby request that we be placed on the Agenda for **Technical Advisory Committee Review** at the **TAC Workshop meeting of November 8, 2022**.

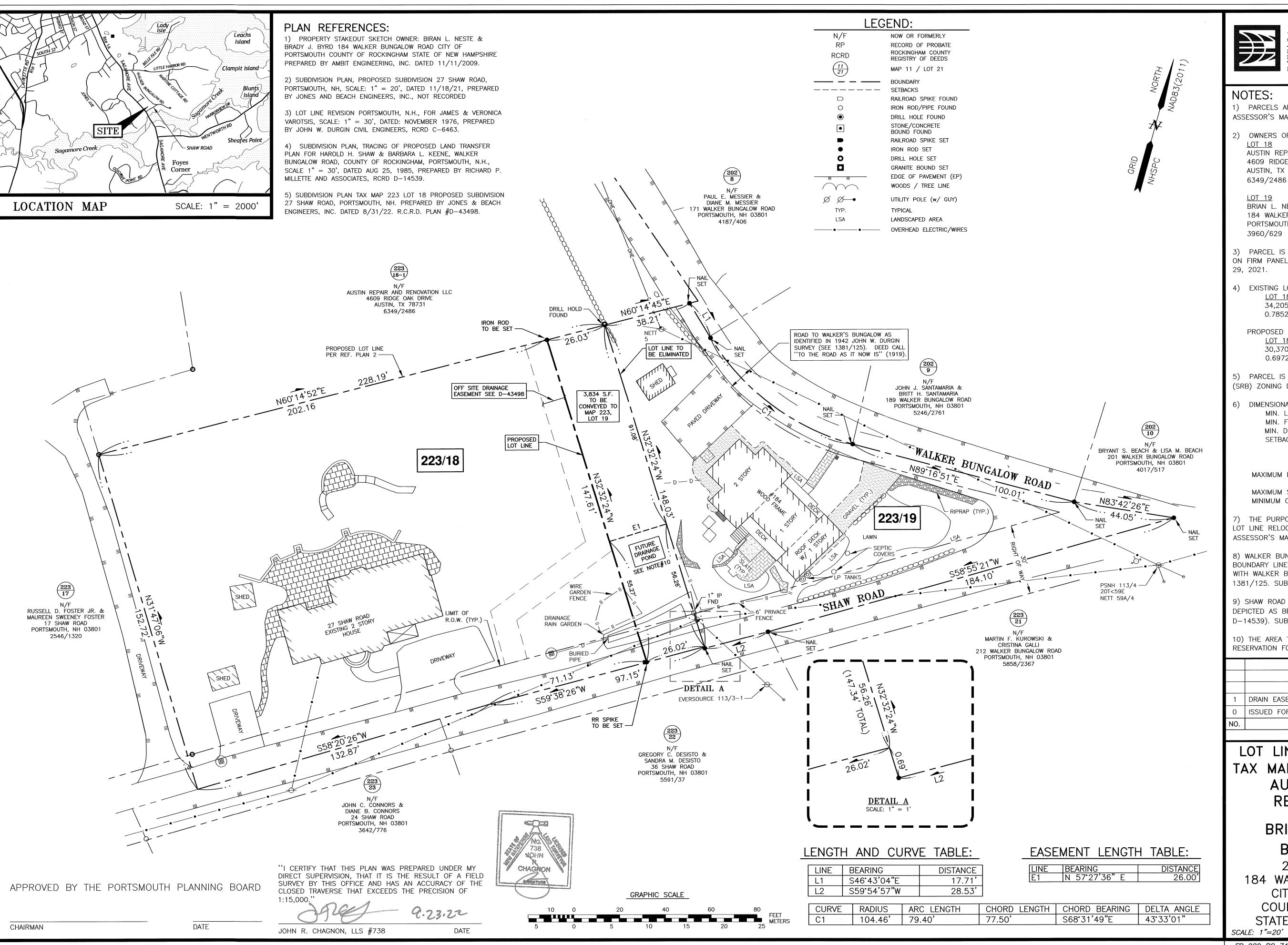
The proposed change does not result in any dimensional deficiencies in the proposed parcels, while making one of the parcels more conforming as it will now meet the lot area requirement. Tax Map 223 Lot 18 was recently subdivided, and the plan recorded at RCRD D-43498. The approved subdivision contained a proposed drainage easement on the 184 Walker Bungalow Road parcel; shown on the attached submitted plan. In the process of the recent subdivisions lot development there will be a drainage pond constructed partially on the area of the 184 Walker Bungalow Road parcel that is intended to be conveyed to 27 Shaw Road. In order to preserve that right the attached Lot Line Relocation plan shows the area as an area subject to a Reservation for that purpose. In accordance with the city approval requirements TAC review is required. We hereby submit for that purpose.

We look forward to the TAC review of this submission. If there are any questions or comments, please feel free to reach out to me or any member of the project team. We look forward to an in-person presentation at the November TAC Workshop.

Sincerely,

John Chagnon

John R. Chagnon, PE CC: Project Team





AMBIT ENGINEERING, INC.

Civil Engineers & Land Surveyors 200 Griffin Road - Unit 3 Portsmouth, N.H. 03801-7114 Tel (603) 430-9282

1) PARCELS ARE SHOWN ON THE CITY OF PORTSMOUTH ASSESSOR'S MAP 223 AS LOTS 18 & 19

2) OWNERS OF RECORD:

AUSTIN REPAIR AND RENOVATION LLC 4609 RIDGE OAK DRIVE AUSTIN, TX 78731

LOT 19

BRIAN L. NESTE & BRADY J. BYRD 184 WALKER BUNGALOW ROAD PORTSMOUTH, NH 03801 3960/629

- 3) PARCEL IS NOT IN A FLOOD HAZARD ZONE AS SHOWN ON FIRM PANEL 33015C0286F. EFFECTIVE DATE JANUARY 29, 2021.
- 4) EXISTING LOT AREAS:

<u>LOT 19</u> LOT 18 34,205 S.F. 14,489 S.F. 0.7852 ACRES 0.3326 ACRES

PROPOSED LOT AREAS:

LOT 18 30,370 S.F. 0.6972 ACRES <u>LOT 19</u> 18,323 S.F. 0.4206 ACRES

- 5) PARCEL IS LOCATED IN THE SINGLE RESIDENCE B (SRB) ZONING DISTRICT.
- 6) DIMENSIONAL REQUIREMENTS:

MIN. LOT AREA: 15,000 SQ.FT. MIN. FRONTAGE: 100 FEET 100 FEET MIN. DEPTH: SETBACKS: FRONT 30 FEET 10 FEET SIDE 30 FEET REAR

MAXIMUM BUILDING HEIGHT: SLOPED ROOF 35 FEET FLAT ROOF 30 FEET 20% MAXIMUM STRUCTURE COVERAGE: MINIMUM OPEN SPACE: 40%

7) THE PURPOSE OF THIS PLAN IS TO SHOW A PROPOSED LOT LINE RELOCATION BETWEEN LOTS 18 AND 19 ON ASSESSOR'S MAP 223.

8) WALKER BUNGALOW ROAD IS A PRIVATE ROAD. BOUNDARY LINES SHOWN HEREON THAT ARE COINCIDENTAL WITH WALKER BUNGALOW ROAD ARE BASED ON RCRD 1381/125. SUBJECT TO THE RIGHTS OF OTHERS.

9) SHAW ROAD IS A PRIVATE ROAD DESCRIBED AND DEPICTED AS BEING 30' WIDE (SEE RCRD 726/340 & D-14539). SUBJECT TO RIGHTS OF OTHERS.

10) THE AREA TO BE CONVEYED IS SUBJECT TO A RESERVATION FOR USE AS A DRAINAGE POND.

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1	DRAIN EASEMENT	9/23/22
0	ISSUED FOR COMMENT	4/22/22
NO.	DESCRIPTION	DATE
REVISIONS		

LOT LINE RELOCATION PLAN TAX MAP 223 LOTS 18 & 19 **AUSTIN REPAIR &** RENOVATION LLC

> AND BRIAN L. NESTE & BRADY J. BYRD

27 SHAW ROAD & 184 WALKER BUNGALOW ROAD CITY OF PORTSMOUTH COUNTY OF ROCKINGHAM STATE OF NEW HAMPSHIRE

FB 229 PG 74

MARCH 2022

GRADING AND DRAINAGE NOTES

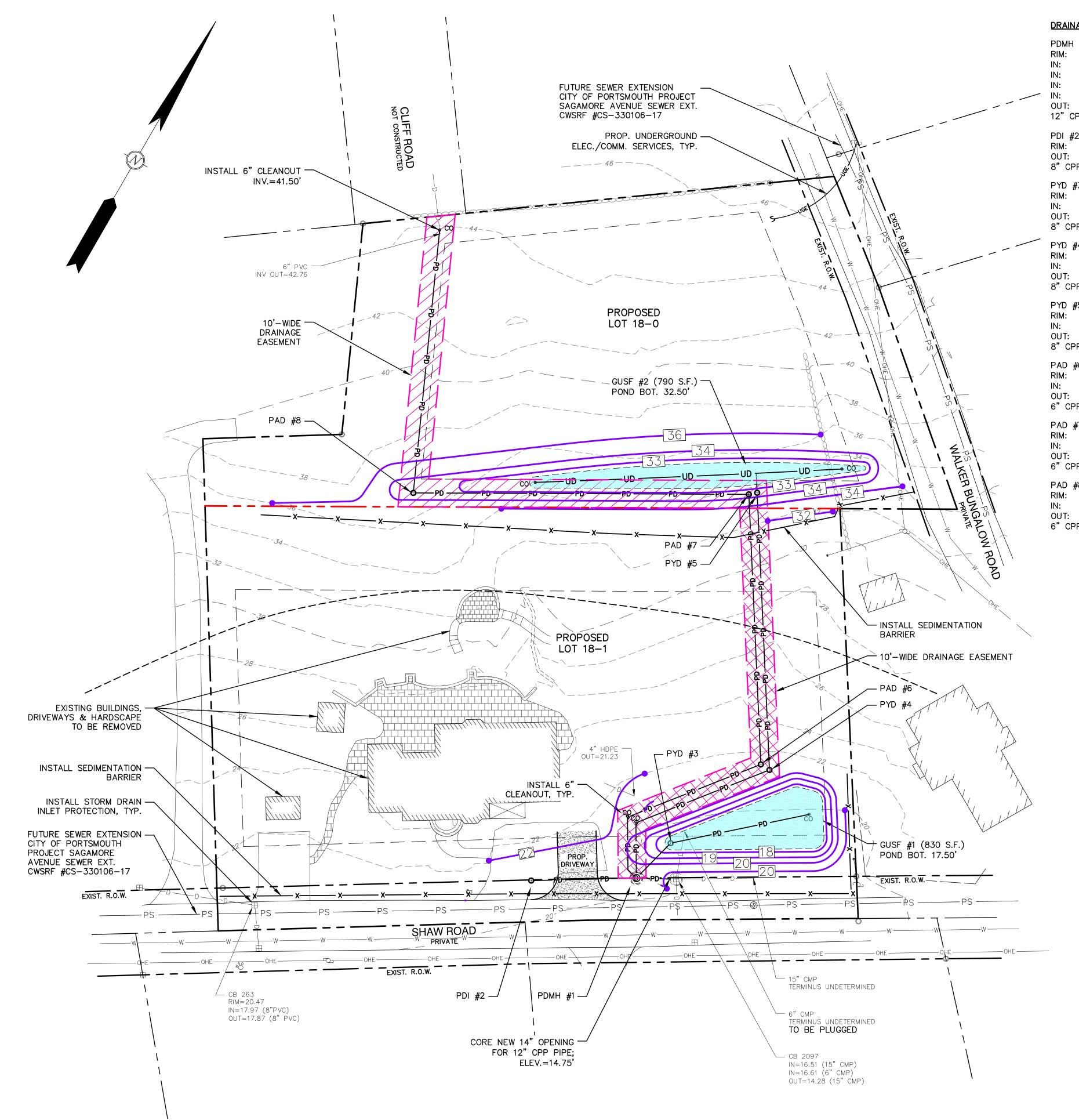
- 1. DO NOT BEGIN CONSTRUCTION UNTIL ALL STATE AND LOCAL PERMITS HAVE BEEN APPLIED FOR AND RECEIVED.
- 2. CONTRACTOR SHALL OBTAIN A "DIGSAFE" NUMBER AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION.
- 3. IALL CONSTRUCTION SHALL MEET THE MINIMUM CONSTRUCTION STANDARDS OF THE CITY OF PORTSMOUTH AND NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE MORE STRINGENT SPECIFICATION SHALL GOVERN.
- 4. ALL BENCHMARKS AND TOPOGRAPHY SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO INITIATING CONSTRUCTION.
- 5. UNLESS OTHERWISE AGREED IN WRITING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING TEMPORARY BENCHMARKS (TBM) AND PERFORMING ALL CONSTRUCTION SURVEY LAYOUT.
- 6. PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DEWATERED SUBGRADES FOR FOUNDATIONS, PAVEMENT AREAS, UTILITY TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE INFLUENCED BY EXCAVATION METHODS, MOISTURE, PRECIPITATION, GROUNDWATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER RUNOFF AWAY FROM CONSTRUCTION AREAS, REDUCING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL. IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER, EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATIONS. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.
- 7. IF SUITABLE, EXCAVATED MATERIALS SHALL BE PLACED AS FILL WITHIN UPLAND AREAS ONLY AND SHALL NOT BE PLACED WITHIN WETLANDS. PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION.
- 8. IN ORDER TO PROVIDE VISUAL CLARITY ON THE PLANS, DRAINAGE AND OTHER UTILITY STRUCTURES MAY NOT BE DRAWN TO SCALE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER SIZING AND LOCATION OF ALL STRUCTURES AND IS DIRECTED TO RESOLVE ANY POTENTIAL DISCREPANCY WITH THE ENGINEER PRIOR TO CONSTRUCTION.
- 9. GRASS UNDERDRAIN SOIL FILTERS (GUSFs) ARE SIZED BASED ON AN ESTIMATED 6,000 S.F. IMPERVIOUS AREA FOR PROPOSED HOUSE AND DRIVEWAY PER LOT.

UTILITY NOTES

- ALL EXISTING UTILITIES SHOWN ARE PER PLAN REFERENCE #1. LOCATIONS AND COMPLETENESS ARE NOT GUARANTEED BY ENGINEER OR OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
- 2. SITE WILL BE SERVED BY MUNICIPAL WATER & SEWER.
- COORDINATE ALL WATER LINE CONSTRUCTION ACTIVITIES WITH PORTSMOUTH PUBLIC WORKS.
- COORDINATE ALL SEWER LINE CONSTRUCTION ACTIVITIES WITH PORTSMOUTH PUBLIC WORKS AND CITY OF PORTSMOUTH SEWER EXTENSION PROJECT.

GRAPHIC SCALE

(IN FEET)



DRAINAGE STRUCTURES

PDMH #1 RIM: $20.5' \pm$ [8" CPP, PDI #2] 16.50' 17.50 [6" CPP, PAD #6] [12" CPP, PYD #4] 16.50' 15.00 [10" CPP, PYD #3 OUT: 14.85' [CB #2097] 12" CPP; L=10'±; S=0.010'/"

PDI #2 (2' STRUCTURE) RIM: 19.75'± OUT: 16.75' [PDMH #1] 8" CPP; $L=35'\pm$; S=0.007'/

PYD #3 WITH DOME GRATE RIM: 19.25'± IN: 15.25' [4" PVC, PERF. U.D.] OUT: 15.15' [CB #2097] 8" CPP; L=11'±; S=0.007

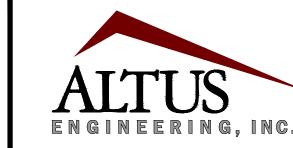
PYD #4 WITH SOLID COVER RIM: 20.70'± IN: 18.40' [8" CPP, PYD #5] OUT: 18.30' [PDMH #1] 8" CPP; $L=70'\pm$; S=0.011'/

PYD #5 WITH DOME GRATE RIM: 33.50'± IN: 30.25' [4" PVC, PERF. U.D.] OUT: 30.15' [PYD #4] 8" CPP; $L=98'\pm$; S=0.120'/

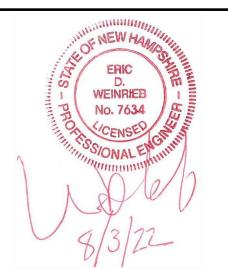
PAD #6 WITH SOLID COVER RIM: 21.10'± IN: 18.60' [6" PAD, PAD #7] OUT: 18.50' [PDMH #1] 6" CPP; L=73'±; S=0.014'/'

PAD #7 WITH SOLID COVER RIM: 33.50'± IN: 30.25' [6" CPP, PAD #8] OUT: 30.15' [PAD #6] 6" CPP; L=96'±; S=0.120'/'

PAD #8 WITH SOLID COVER RIM: 36.50'± IN: 34.10' [6" CPP, CLIFF ROAD] OUT: 34.00' [PAD #7] 6" CPP; L=120'±; S=0.031'/'



133 Court Street Portsmouth, NH 03801 (603) 433-2335 www.altus-eng.com



NOT FOR CONSTRUCTION

O INITIAL SUBMISSION

ISSUED FOR:

APPROVAL ISSUE DATE:

AUGUST 3, 2022

EDW 08/03/22

REVISIONS NO. DESCRIPTION BY DATE

RMB DRAWN BY: _ APPROVED BY: ____ DRAWING FILE: 5279SITE-LOT2.DWG

(22"x34") 1" = 20' (11"x17") 1" = 40'

OWNER:

AUSTIN REPAIR & RENOVATION LLC

4609 RIDGE OAK DRIVE AUSTIN. TX 78731

APPLICANT:

BONNIE AND CLYDE LOGUE

27 SHAW ROAD PORTSMOUTH, NH 03801

PROJECT:

RESIDENTIAL **DEVELOPMENT**

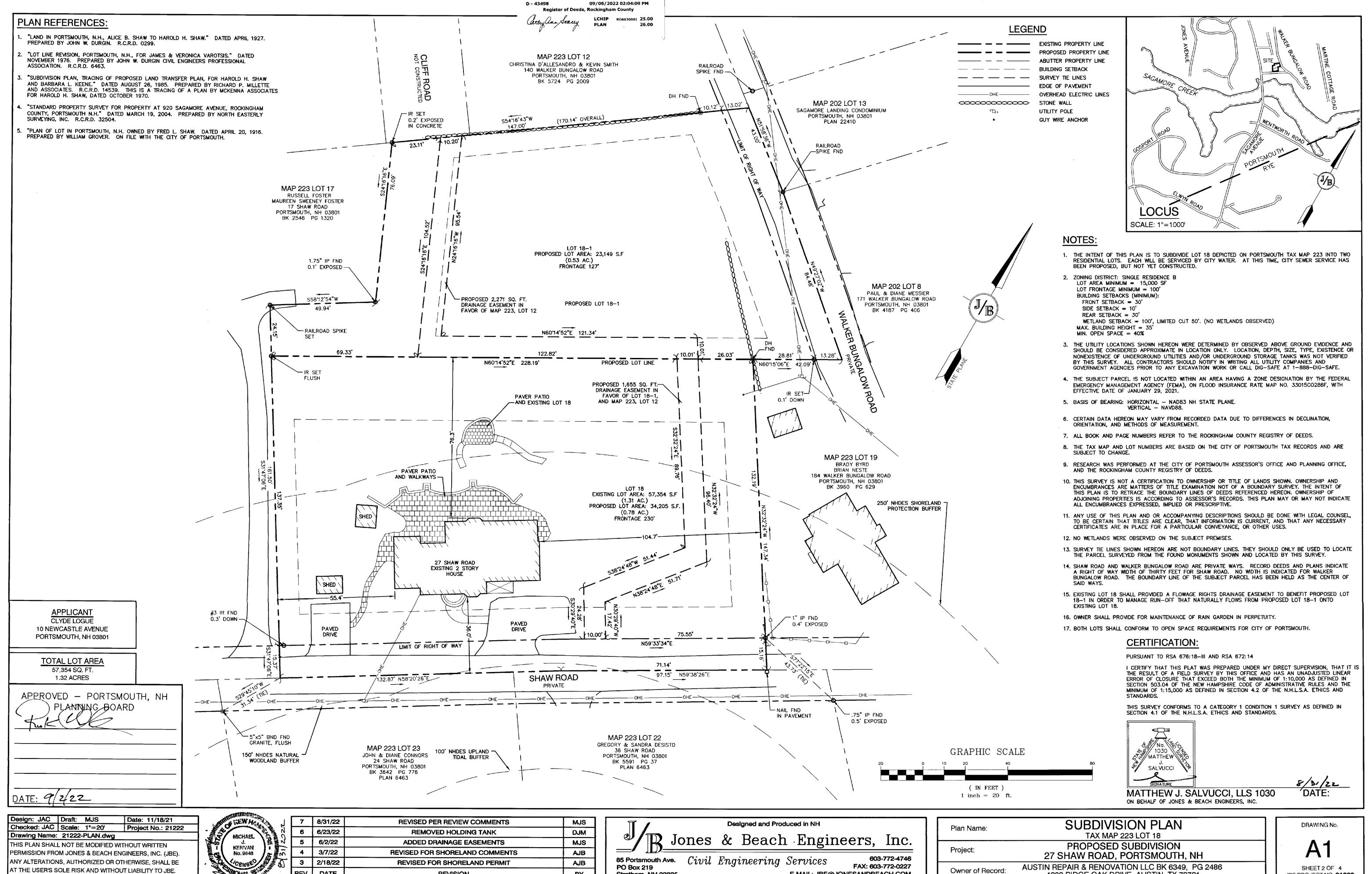
TAX MAP 223, LOT 18 27 SHAW ROAD PORTSMOUTH, NH

TITLE:

STORMWATER MANAGEMENT PLAN

SHEET NUMBER:

U -



DATE **REVISION** BY E-MAIL: JBE@JONESANDBEACH.COM Stratham, NH 03885

4609 RIDGE OAK DRIVE, AUSTIN, TX 78731

JBE PROJECT NO. 21222