SITE PLAN REVIEW TECHNICAL ADVISORY COMMITTEE PORTSMOUTH, NEW HAMPSHIRE

WORK SESSION

Conference Room A City Hall, Municipal Complex, 1 Junkins Avenue

2:00 PM September 12, 2023

AGENDA

2:00 PM 1155 Sagamore Avenue Site Plan Review

Michael Valinski & Maureen Oakman, Owners

Ambit Engineering INC, Engineer

(LUTW-23-7)

2:30 PM 635 Sagamore Avenue Site Plan Review

635 Sagamore Development LLC, Owner Jones & Beach Engineers INC, Engineer

(LUTW-23-8)

3:00 PM 815 Lafayette Road Site Plan Review

Prospect North 815 LLC, Owner Ambit Engineering INC, Engineer

(LUTW-23-9)

3:30 PM 581 Lafayette Road Site Plan Review/CUP

Atlas Commons LLC, Owner Ambit Engineering INC, Engineer

(LUTW-23-10)



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

1 September 2023

Peter Stith, Chair, City of Portsmouth TAC 1 Junkins Avenue Portsmouth, NH 03801

RE: Request for TAC Workshop Review at 1155 Sagamore Road, Site Development

Dear Mr. Stith and TAC Members:

On behalf of Build America, we are pleased to submit the attached plan set for <u>TAC Workshop</u> <u>Review</u> for the above-mentioned project and request that we be placed on the agenda for your **September 12, 2023,** Meeting. The project is the demolition of the existing building and proposed new construction of a 4-unit residential condominium with the associated and required site improvements.

The following plans are included in our submission:

- Cover Sheet This shows the Development Team, Legend, Site Location, and Site Zoning.
- Existing Conditions & Demolition Plan C1 This plan shows the existing property boundaries and existing site conditions and notes the demolition.
- Site Plan C2 This plan shows the site development in detail with the associated zoning development standards and circulation / layout.
- Grading Plan C3 This plan shows proposed site grading. The site primarily flow to the west. Runoff will flow to a proposed rain garden.
- Utility Plan C4 This plan shows proposed site utilities. The project will connect to the e-one system low pressure sewer in an existing connection constructed for the purpose and brought to the property line.
- Erosion Control Notes and Details D1 and D2 These plans shows site details.

We look forward to TAC review of this submission and the Committees feedback on the proposed design.

Sincerely,

John R. Chagnon, PE

PROPOSED BUILDING REPLACEMENT BUILD AMERICA

PROJECT PERMITS: PORTSMOUTH SITE PLAN: PENDING

OWNER:

MICHAEL A. VALINSKI & MAUREEN OAKMAN

1155 SAGAMORE AVENUE PORTSMOUTH, NH 03802 TEL. (617) 877-6711

CIVIL ENGINEER & LAND SURVEYOR: AMBIT ENGINEERING, INC.

A DIVISION OF HALEY WARD, INC. 200 GRIFFIN ROAD, UNIT 3 PORTSMOUTH, NH 03801 TEL. (603) 430-9282

APPLICANT:

BUILD AMERICA

PO BOX 1664 PORTSMOUTH, NH 03802 TEL. (617) 877-6711

ARCHITECT/DESIGNER: BUILD AMERICA

PO BOX 1664 PORTSMOUTH, NH 03802 TEL. (617) 877-6711

1155 SAGAMORE AVENUE

PORTSMOUTH NEW HAMPSHIRE

SITE PERMIT PLANS

Foyes

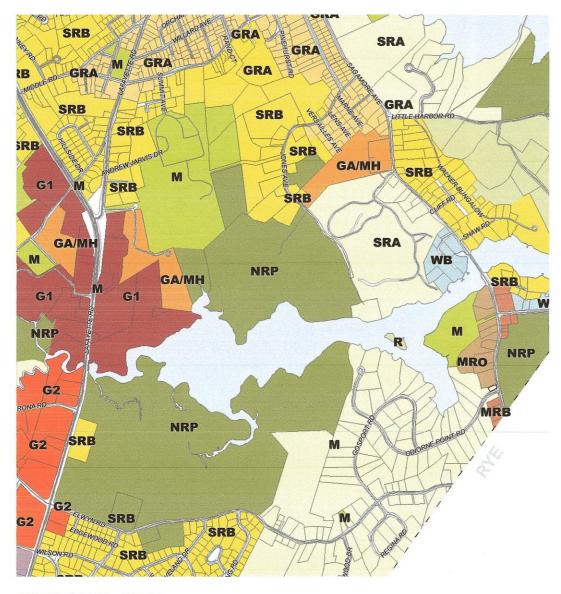
Corner-

LOCUS MAP

SCALE: 1" = 1,000'

PIONEER RD

PORTSMOUTH ZONING MAP



PROJECT SITE: TAX MAP 224, LOT 18

Legend

Character Districts Character-Based Zoning Area Refer to Zoning Map Sheet 2 of 2

Residential Districts				
	R	Rural		
	SRA	Single Residence A		
	SRB	Single Residence B		
	GRA	General Residence A		
	GRB	General Residence B		
	GRC	General Residence C		
	GA/MH	Garden Apartment/Mobile Home Par		
Mixed Residential Districts				

MRO Mixed Residential Office Mixed Residential Business Gateway Cooridor

Gateway Center Business Districts



Industrial Districts



INDEX OF SHEETS

Sagamore Creek

DWG No.

EXISTING CONDITIONS & DEMOLITION PLAN

SITE PLAN

GRADING PLAN

UTILITY PLAN

DETAILS & EROSION CONTOL

UTILITY CONTACTS

ELECTRIC: EVERSOURCE 1700 LAFAYETTE ROAD PORTSMOUTH, N.H. 03801 Tel. (603) 436-7708, Ext. 555.5678 ATTN: MICHAEL BUSBY, P.E. (MANAGER)

SEWER & WATER: PORTSMOUTH DEPARTMENT OF PUBLIC WORKS 680 PEVERLY HILL ROAD PORTSMOUTH, N.H. 03801 Tel. (603) 427-1530 ATTN: JIM TOW

NATURAL GAS: 325 WEST ROAD PORTSMOUTH, N.H. 03801

Tel. (603) 294-5144

ATTN: DAVE BEAULIEU

Sheafes Point

Berrys Brook

COMMUNICATIONS: CONSOLIDATED COMMUNICATIONS JOE CONSIDINE 1575 GREENLAND ROAD GREENLAND, N.H. 03840 Tel. (603) 427-5525

CABLE: COMCAST 155 COMMERCE WAY PORTSMOUTH, N.H. 03801 Tel. (603) 679-5695 (X1037) ATTN: MIKE COLLINS

DIG SAFE

Little Harbor

LEGEND:

PROPOSED

EXISTING	PROPOSED	
		PROPERTY LINE SETBACK
s	s	SEWER PIPE
SL	SL	SEWER LATERAL
G	G	GAS LINE STORM DRAIN
w	w	WATER LINE
WS		WATER SERVICE
		UNDERGROUND ELECTRIC
—— FD ——	—— FD ——	OVERHEAD ELECTRIC/WIRES FOUNDATION DRAIN
FM	FM	FORCED SEWER MAIN
		EDGE OF PAVEMENT (EP) WOODS / TREE LINE
-100	100	CONTOUR
97x3	98x0	SPOT ELEVATION
	-	UTILITY POLE SIGNS
-\(\frac{1}{2}\)- \(\frac{1}{2}\)\(\frac{1}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}\)\(\		WALL MOUNTED EXTERIOR LIGHTS
GWE	GWE	METER (GAS, WATER, ELECTRIC)
		TRANSFORMER ON CONCRETE PAD
		ELECTRIC HANDHOLD
450 GSO	450 GS0	SHUT OFFS (WATER/GAS)
GV ⋈	GV	GATE VALVE
	+++HYD	HYDRANT
© CB	CB	CATCH BASIN
(\$)	SMH	SEWER MANHOLE
	DMH	DRAIN MANHOLE
	TMH	TELEPHONE MANHOLE
14)	14)	PARKING SPACE COUNT
PM		PARKING METER
LSA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LANDSCAPED AREA
TBD CI	TBD CI	TO BE DETERMINED CAST IRON PIPE
COP	COP	COPPER PIPE
DI	DI	DUCTILE IRON PIPE
PVC RCP	PVC RCP	POLYVINYL CHLORIDE PIPE REINFORCED CONCRETE PIPE
AC	_	ASBESTOS CEMENT PIPE
VC EP	VC EP	VITRIFIED CLAY PIPE EDGE OF PAVEMENT
EL.	EL.	ELEVATION
FF INV	FF INV	FINISHED FLOOR INVERT
S =	S =	SLOPE FT/FT
TBM	TBM	TEMPORARY BENCH MARK
TYP	[TBR] TYP	TO BE REMOVED TYPICAL
W.W.	W.W	WINDOW WELL
		PHOTO LOCATION

PROPOSED BUILDING REPLACEMENT **BUILD AMERICA** 1155 SAGAMORE AVENUE PORTSMOUTH, NH



Portsmouth, NH 03801

603.430.9282

DIVISION OF HALEY WARD, INC. 🚓 200 Griffin Road, Unit 3

WWW.HALEYWARD.COM

PLAN SET SUBMITTAL DATE: 5 SEPTEMBER 2023

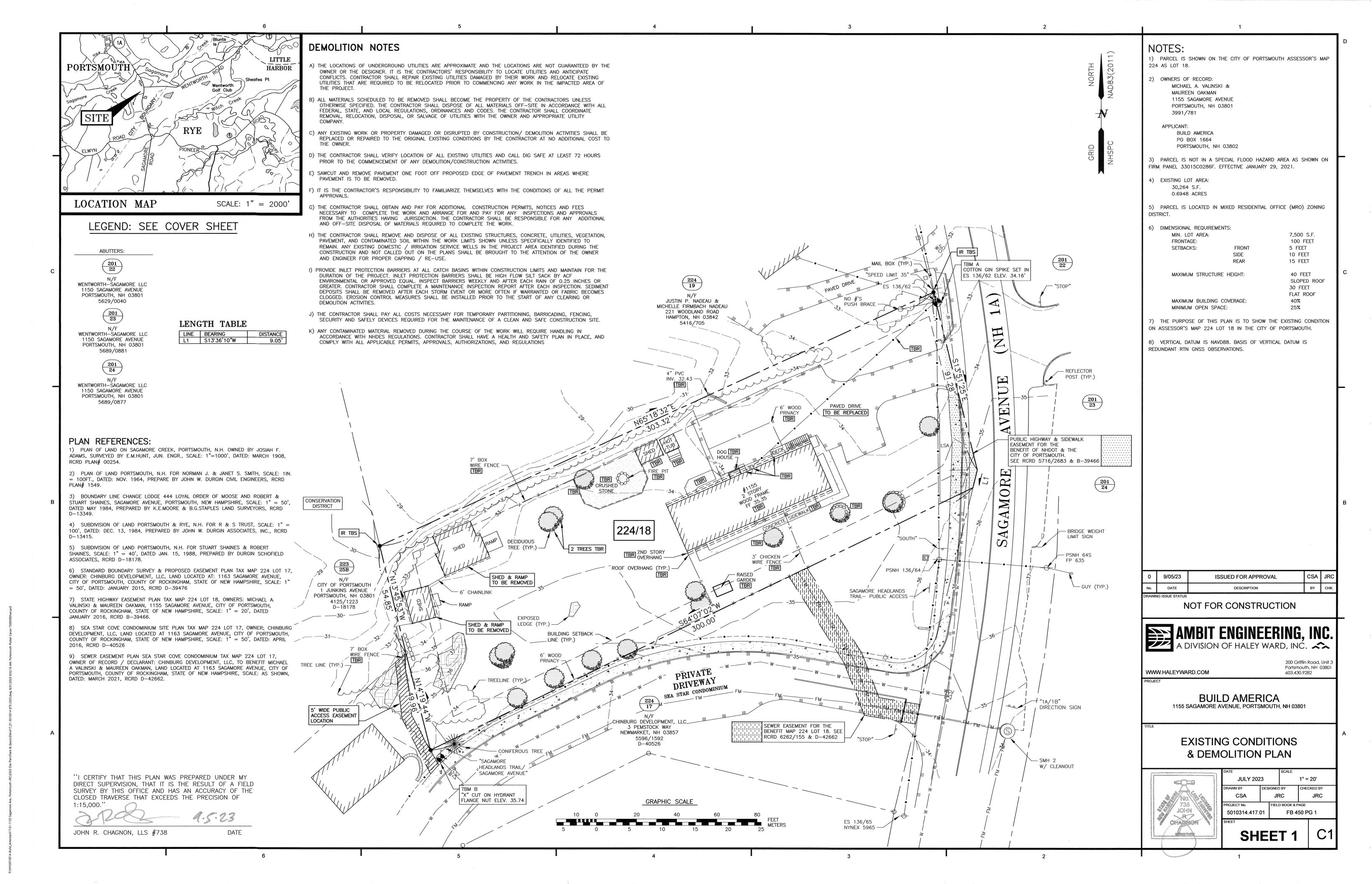
PORTSMOUTH APPROVAL CONDITIONS NOTE: ALL CONDITIONS ON THIS PLAN SET SHALL REMAIN IN EFFECT IN PERPETUITY PURSUANT TO THE REQUIREMENTS OF THE CITY OF PORTSMOUTH SITE PLAN REVIEW REGULATIONS.

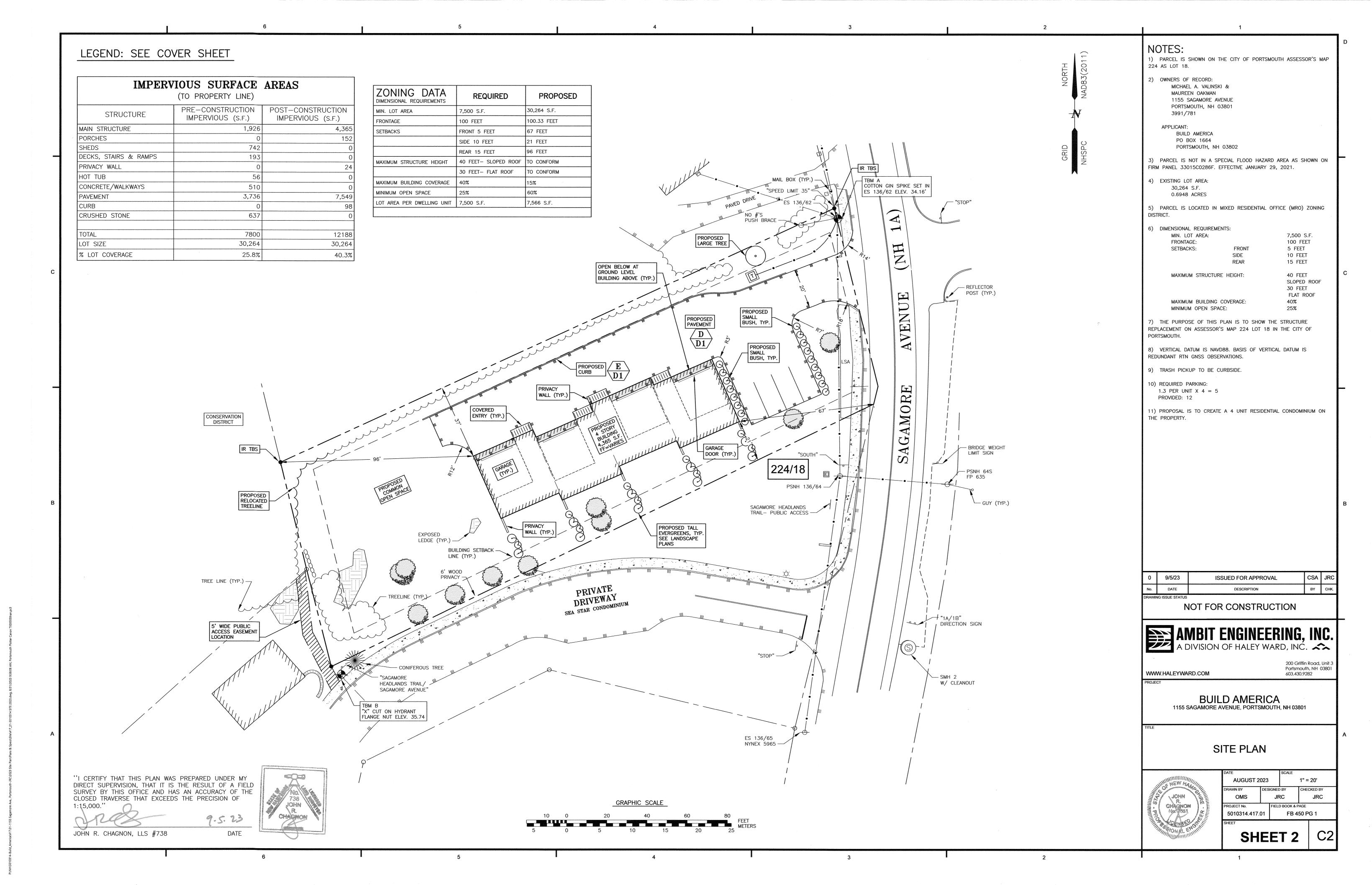
APPROVED BY THE PORTSMOUTH PLANNING BOARD

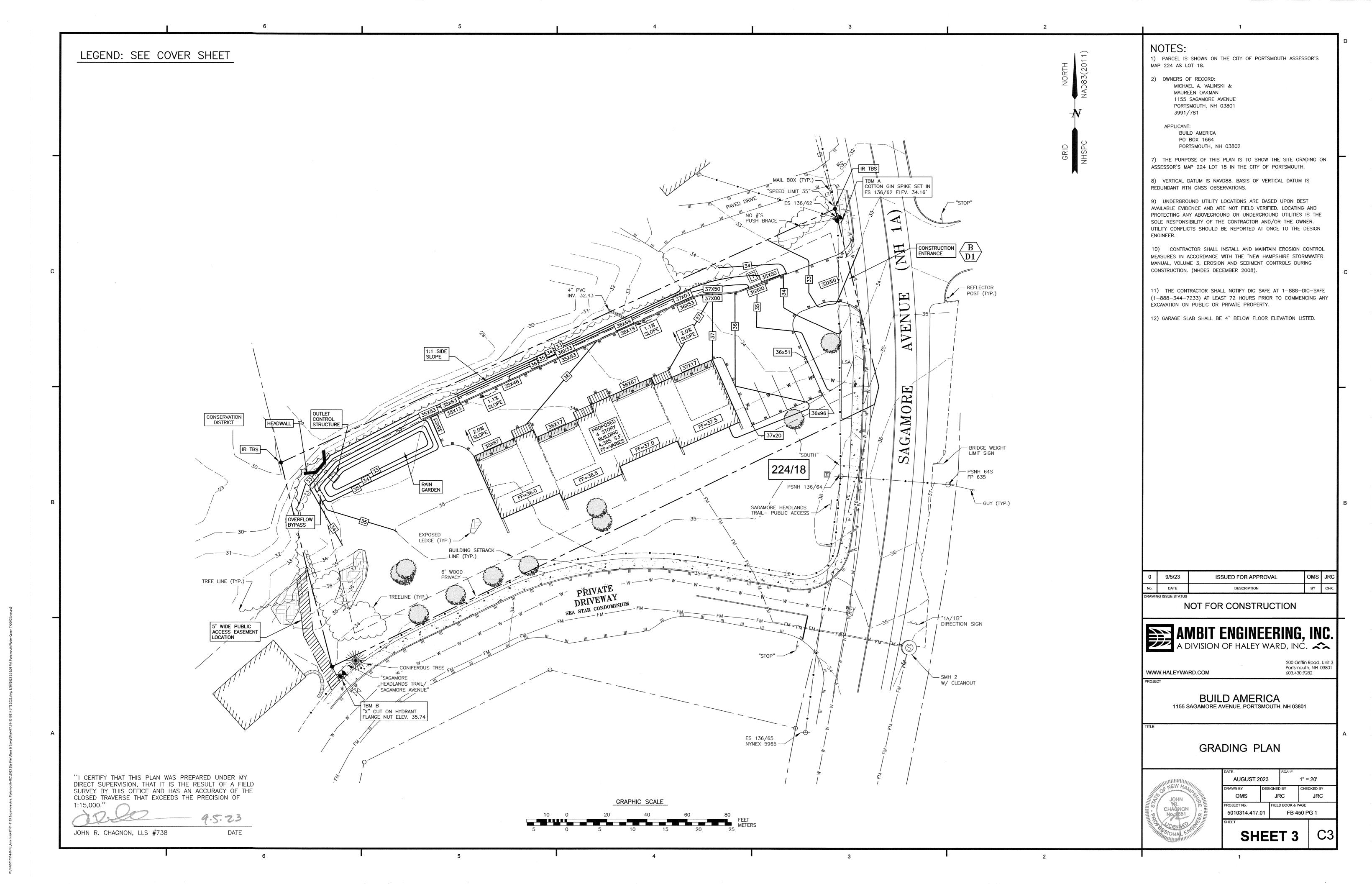
CHAIRMAN

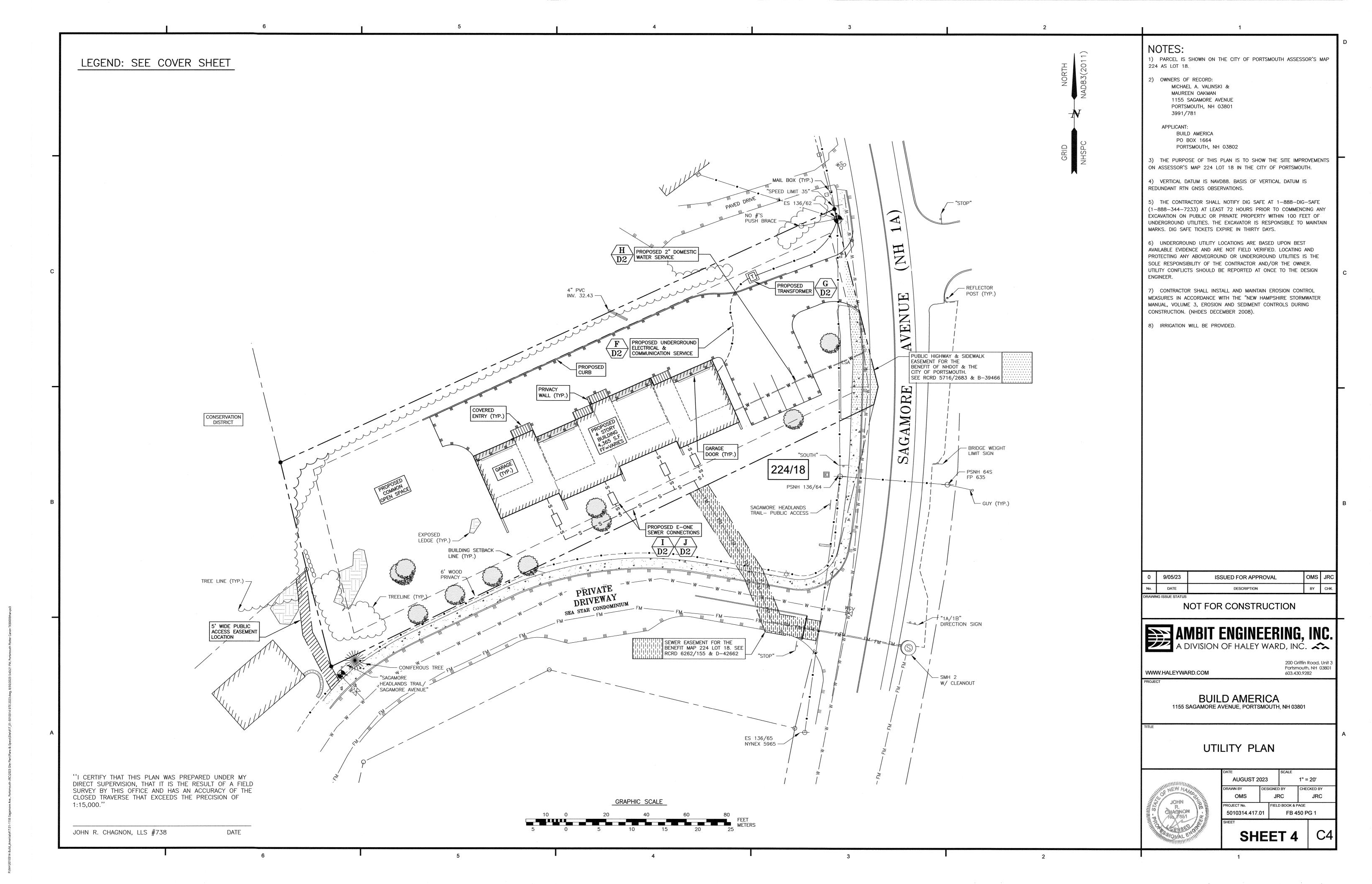
DATE

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CONSTRUCTION SEQUENCE

DO NOT BEGIN CONSTRUCTION UNTIL ALL LOCAL, STATE AND FEDERAL PERMITS HAVE BEEN APPLIED FOR AND RECEIVED.

INSTALL SILT SOXX TO CONTROL EROSION AND SEDIMENTATION PRIOR TO ANY EARTH MOVING ACTIVITIES.

REMOVE EXISTING BUILDINGS AND OTHER SITE FEATURES TO BE REMOVED.

CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE.

CUT AND REMOVE ALL TREES, SHRUBS, SAPLINGS, BRUSH, VINES AND OTHER DEBRIS AND RUBBISH AS REQUIRED.

STRIP AND STOCKPILE LOAM FROM SITE. STOCKPILES SHALL BE SURROUNDED WITH SILT SOXX TO CONTROL SEDIMENT RUN OFF.

ROUGH GRADE SITE AND CONSTRUCT DRAINAGE STRUCTURES, RAIN GARDEN AND SWALES. INSTALL AND MAINTAIN EROSION CONTROL DEVICES AS SHOWN ON THE PLANS. ALL PERMANENT DITCHES, AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM. CONSTRUCT BUILDING FOUNDATIONS.

LOAM AND SEED DISTURBED AREAS IN ACCORDANCE WITH VEGETATIVE PRACTICE AND GENERAL CONSTRUCTION NOTES. CUT AND FILL SLOPES SHALL BE SEEDED IMMEDIATELY AFTER THEIR CONSTRUCTION.

CONSTRUCT UTILITIES, BUILDINGS AND PAVEMENT BASE COURSE.

PLANT LANDSCAPING.

CONSTRUCT PAVEMENT WEARING COURSE.

REMOVE TRAPPED SEDIMENTS FROM COLLECTION DEVICES AS APPROPRIATE. AND THEN REMOVE TEMPORARY EROSION CONTROL MEASURES.

GENERAL CONSTRUCTION NOTES

THE EROSION CONTROL PROCEDURES SHALL CONFORM TO SECTION 645 OF THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION" OF THE NHDOT, AND "STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE"

DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED. THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED.

AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:

- BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
- A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; • A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED; OR

• EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY, AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MACHINE HAY MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION.

DUST CONTROL: IF TEMPORARY STABILIZATION PRACTICES, SUCH AS TEMPORARY VEGETATION AND MULCHING, DO NOT ADEQUATELY REDUCE DUST GENERATION. APPLICATION OF WATER OR CALCIUM CHLORIDE SHALL BE APPLIED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES.

ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY DURING THE LIFE OF THE PROJECT AND AFTER EACH STORM OF 0.5" OR GREATER. ALL DAMAGED SILT FENCES SHALL BE REPAIRED. SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED IN A SECURED LOCATION.

AVOID THE USE OF FUTURE OPEN SPACES (LOAM AND SEED AREAS) WHEREVER POSSIBLE DURING CONSTRUCTION. CONSTRUCTION TRAFFIC SHALL USE THE ROADBEDS OF FUTURE ACCESS DRIVES AND PARKING AREAS.

TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS. CONSTRUCT SILT FENCE AROUND TOPSOIL STOCKPILE.

AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL. STUMPS SHALL BE DISPOSED BY GRINDING OR FILL IN AN APPROVED FACILITY.

ALL FILLS SHALL BE PLACED AND COMPACTED TO REDUCE EROSION, SLIPPAGE. SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS.

ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 8 INCHES IN THICKNESS UNLESS OTHERWISE NOTED.

FROZEN MATERIAL OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIAL SHALL NOT BE INCORPORATED INTO FILLS.

FILL MATERIAL SHALL NOT BE PLACED ON FROZEN FOUNDATION SUBGRADE.

DISTURBED AREAS SHALL BE SEEDED WITHIN 72 HOURS FOLLOWING FINISHED

AT NO TIME SHALL ANY DISTURBED AREA REMAIN UNSTABILIZED FOR LONGER THAN 72 HOURS. ALL AREAS WHERE CONSTRUCTION IS NOT COMPLETE WITHIN THIRTY DAYS OF THE INITIAL DISTURBANCE SHALL BE MACHINE HAY MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION.

VEGETATIVE PRACTICE

FOR PERMANENT MEASURES AND PLANTINGS:

LIMESTONE SHALL BE THOROUGHLY INCORPORATED INTO THE LOAM LAYER AT A RATE OF 2 TONS PER ACRE.

FERTILIZER SHALL BE SPREAD ON THE TOP LAYER OF LOAM AND WORKED INTO THE SURFACE. FERTILIZER APPLICATION RATE SHALL BE 500 POUNDS PER ACRE OF 10-20-20 FERTILIZER.

SEED SHALL BE SOWN AT THE RATES SHOWN IN THE TABLE BELOW. IMMEDIATELY BEFORE SEEDING, THE SOIL SHALL BE LIGHTLY RAKED. ONE HALF THE SEED SHALL BE SOWN IN ONE DIRECTION AND THE OTHER HALF AT RIGHT ANGLES TO THE ORIGINAL DIRECTION. IT SHALL BE LIGHTLY RAKED INTO THE SOIL TO A DEPTH NOT OVER 1/4 INCH AND ROLLED WITH A HAND ROLLER WEIGHING NOT OVER 100 POUNDS PER LINEAR FOOT OF WIDTH. HAY MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING AT A RATE OF 1.5 TO 2 TONS PER ACRE, AND SHALL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE EROSION AND SEDIMENT CONTROL HANDBOOK.

VEGETATIVE PRACTICE. Cont'd

THE SURFACE SHALL BE WATERED AND KEPT MOIST WITH A FINE SPRAY AS REQUIRED, WITHOUT WASHING AWAY THE SOIL, UNTIL THE GRASS IS WELL ESTABLISHED. ANY AREAS WHICH ARE NOT SATISFACTORILY COVERED SHALL BE RESEEDED, AND ALL NOXIOUS WEEDS

A GRASS SEED MIXTURE CONTAINING THE FOLLOWING SEED REQUIREMENTS SHALL BE:

100 LBS/ACRE

48 LBS/ACRE

GENERAL COVER PROPORTION SEEDING RATE

CREEPING RED FESCUE 50% KENTUCKY BLUEGRASS 50%

SLOPE SEED (USED ON ALL SLOPES GREATER THAN OR EQUAL TO 3:1)

CREEPING RED FESCUE 42% TALL FESCUE 42% BIRDSFOOT TREFOIL 16%

IN NO CASE SHALL THE WEED CONTENT EXCEED ONE PERCENT BY WEIGHT. ALL SEED SHALL COMPLY WITH APPLICABLE STATE AND FEDERAL SEED LAWS.

FOR TEMPORARY PROTECTION OF DISTURBED AREAS: MULCHING AND SEEDING SHALL BE APPLIED AT THE FOLLOWING RATES: PERENNIAL RYE: 0.7 LBS/1,000 S.F.

1.5 TONS/ACRE

MAINTENANCE AND PROTECTION

THE CONTRACTOR SHALL MAINTAIN ALL LOAM & SEED AREAS UNTIL FINAL ACCEPTANCE AT THE COMPLETION OF THE CONTRACT. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, REMOVAL OF STONES AND OTHER FOREIGN OBJECTS OVER 1/2 INCHES IN DIAMETER WHICH MAY APPEAR AND THE FIRST TWO (2) CUTTINGS OF GRASS NO CLOSER THEN TEN (10) DAYS APART. THE FIRST CUTTING SHALL BE ACCOMPLISHED WHEN THE GRASS IS FROM 2 1/2 TO 3 INCHES HIGH. ALL BARE AND DEAD SPOTS WHICH BECOME APPARENT SHALL BE PROPERLY PREPARED, LIMED AND FERTILIZED, AND RESERVED BY THE CONTRACTOR AT HIS EXPENSE AS MANY TIMES AS NECESSARY TO SECURE GOOD GROWTH. THE ENTIRE AREA SHALL BE MAINTAINED, WATERED AND CUT UNTIL ACCEPTANCE OF THE LAWN BY THE OWNER'S REPRESENTATIVE.

THE CONTRACTOR SHALL TAKE WHATEVER MEASURES ARE NECESSARY TO PROTECT THE GRASS WHILE IT IS DEVELOPING.

TO BE ACCEPTABLE, SEEDED AREAS SHALL CONSIST OF A UNIFORM STAND OF AT LEAST 90 PERCENT ESTABLISHED PERMANENT GRASS SPECIES, WITH UNIFORM COUNT OF AT LEAST 100 PLANTS PER SQUARE FOOT.

SEEDED AREAS WILL BE FERTILIZED AND RESEEDED AS NECESSARY TO INSURE VEGETATIVE

THE SWALES WILL BE CHECKED WEEKLY AND REPAIRED WHEN NECESSARY UNTIL ADEQUATE VEGETATION IS ESTABLISHED.

THE SILTSOXX SHALL BE CHECKED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.

ONCE VEGETATION IS ESTABLISHED. SILTSOXX CAN BE OPEN AND ORGANIC CONTENTS DISPERSED WITH A RAKE; DISTURBED AREAS RESULTING FROM SILTSOXX SHALL BE PERMANENTLY SEEDED.

WINTER NOTES

ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE. SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT

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

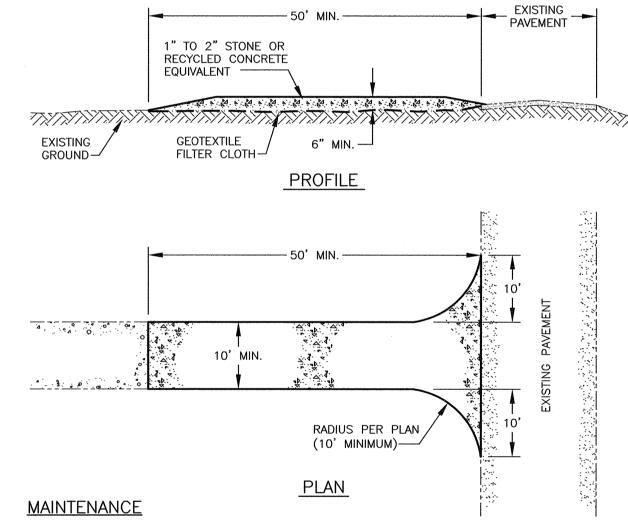
AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.

FILTREXX® 2" x 2" HARDWOOD COMPOST STAKES SPACED 10' SILTS0XX™ APART LINEALLY WATER FLOW WOOD CHIPS FROM ON-SITE <u>PLAN</u> CHIPPING OPERATIONS MAY BE MOUNDED AT THE BASE OF THE SILTSOXX AND SPREAD AFTER REMOVAL OF THE SILTSOXX -FILTREXX® SILTSOXX™ (8" - 24" TYP.) -SIZE PER INSTALLERS <u>AREA</u> RECOMMENDATION WATER FLOW 12" MIN. HARDWOOD STAKE **ELEVATION**

ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS. FILLTREXX SYSTEM SHALL BE INSTALLED BY A CERTIFIED FILTREXX INSTALLER.

- 3. THE CONTRACTOR SHALL MAINTAIN THE COMPOST FILTRATION SYSTEM IN A FUNCTIONAL CONDITION AT ALL TIMES. IT WILL BE ROUTINELY INSPECTED AND REPAIRED WHEN REQUIRED. SILTSOXX DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES
- MAY REQUIRE ADDITIONAL PLACEMENTS. THE COMPOST FILTER MATERIAL WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE





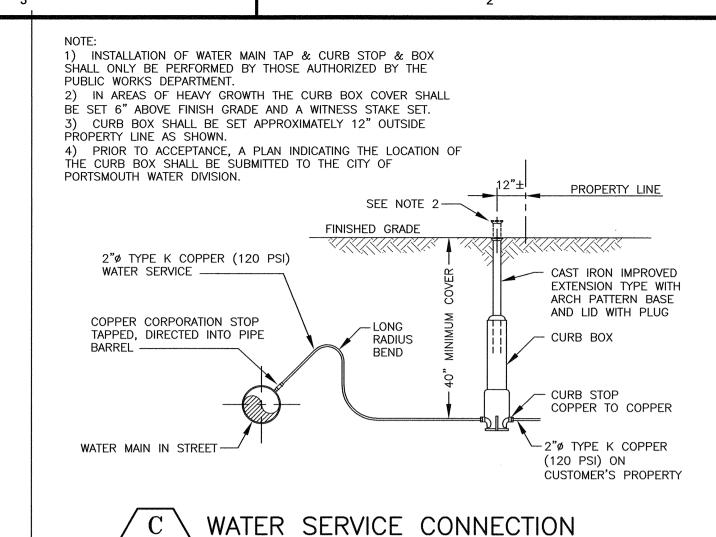
1) MUD AND SOIL PARTICLES WILL EVENTUALLY CLOG THE VOIDS IN THE GRAVEL AND THE EFFECTIVENESS OF THE GRAVEL PAD WILL NOT BE SATISFACTORY. WHEN THIS OCCURS, THE PAD SHOULD BE TOP DRESSED WITH NEW STONE. COMPLETE REPLACEMENT OF THE PAD MAY

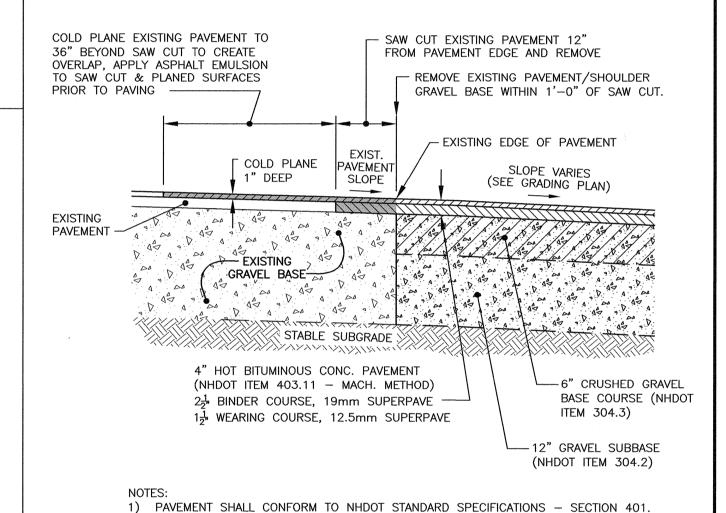
BE NECESSARY WHEN THE PAD BECOMES COMPLETELY CLOGGED. 2) IF WASHING FACILITIES ARE USED, THE SEDIMENT TRAPS SHOULD BE CLEANED OUT AS OFTEN AS NECESSARY TO ASSURE THAT ADEQUATE TRAPPING EFFICIENCY AND STORAGE VOLUME IS AVAILABLE. VEGETATIVE FILTER STRIPS SHOULD BE MAINTAINED TO INSURE A VIGOROUS STAND OF VEGETATION AT ALL TIMES.

CONSTRUCTION SPECIFICATIONS

- 1) STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- 2) THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR
- A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY. 3) THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6
- 4) THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE
- ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.
- 5) GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENCE LOT. 6) ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION
- ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
- 7) THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.
- 8) WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY, WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.







) CRUSHED GRAVEL AND GRAVEL SUBBASE SHALL CONFORM TO NHDOT STANDARD SPECIFICATIONS - SECTION 304, TABLE 1E, AND SHALL BE COMPACTED AS INDICATED IN SECTION 304, 3.6 COMPACTION, AND 3.7 DENSITY TESTING, AND CITY OF PORTSMOUTH CONSTRUCTION STANDARDS,

PAVEMENT JOINT DETAIL

PAVEMENT

CURB TO BE ROUNDED CURB TO LINE & TO 1/2" RADIUS GRADE AS SPECIFIED -6" TOPSOIL AND SEED PAVEMENT 6" REVEAL 16" MIN 18" MAX. SUBGRADE -CRUSHED GRAVEL-- GRAVE SUB-BASE MIN. VERTICAL GRANITE CURB

> VERTICAL GRANITE CURB NOTE: JOINTS BETWEEN STONES TO BE MORTARED

> > GRANITE CURB END FOR VERTICAL GRANITE CURB

VERTICAL GRANITE CURB

NOTES:

- 1) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILIT OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD REPORTED AT ONCE TO THE DESIGN ENGINEER.
- 2) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- 3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).
- 4) PURSUANT TO RSA 483-B:9 11 (D), NO FERTILIZER SHALL BE APPLIED TO VEGETATION OR SOILS LOCATED WITHIN 25 FEET OF THE REFERENCE LINE OF ANY PUBLIC WATER. BEYOND 25 FEET, SLOW OR CONTROLLED RELEASE FERTILIZER MAY BE USED. SLOW RELEASE NITROGE MUST CONTAIN NO MORE THAN 2% PHOSPHORUS, AND A NITROGEN COMPONENT WHICH IS AT LEAST 50% SLOW RELEASE NITROGEN COMPONENTS.
- 5) NO CHEMICALS INCLUDING PESTICIDES OR HERBICIDES OF ANY KIND, SHALL BE APPLIED TO GROUND, TURF, OR ESTABLISHED VEGETATION WITHIN THE WETLAND BUFFER, EXCEPT IF APPLIED BY HORTICULTURE PROFESSIONAL WHO HAVE AN APPLICATION LICENSE. NO CALCIUM CHLORIDE SHALL BE APPLIED WITHIN THE WETLAND BUFFER.

0 09.05.2023 OMS JRO ISSUED FOR COMMENT

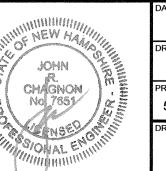
NOT FOR CONSTRUCTION



MW.HALEYWARD.COM

BUILD AMERICA 1155 SAGAMORE AVENUE

EROSION CONTROL NOTES & DETAILS



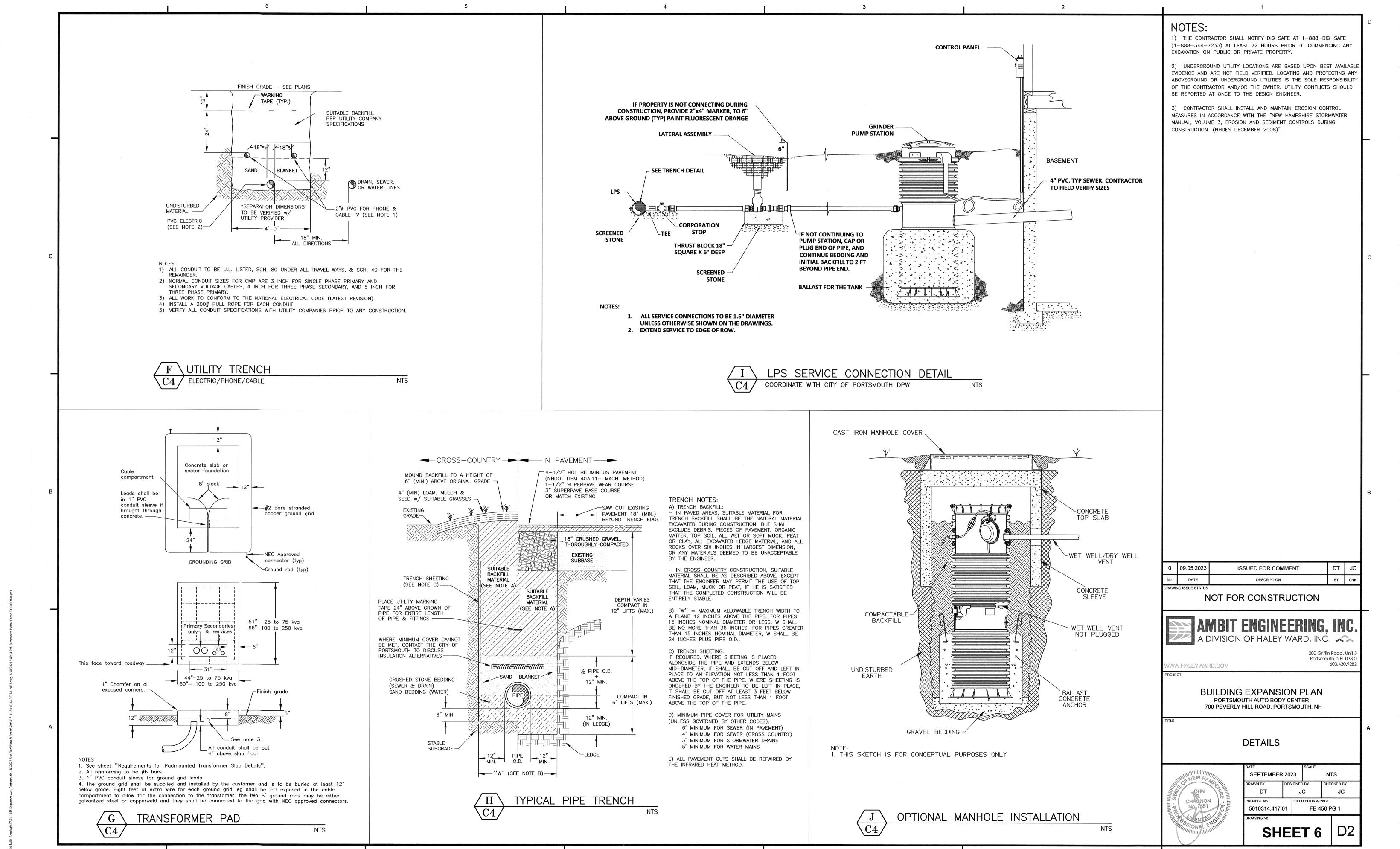
SCALE: 1" = 20' AUGUST 2023 CHECKED BY OMS JRC **JRC** 5010314-417.01 FB 450 PG 1

SHEET 5

200 Griffin Road, Unit 3

Portsmouth, NH 03801

603.430.9282





85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885 603.772.4746 - JonesandBeach.com

September 5, 2023

Portsmouth Technical Review Advisory Committee Attn: Board Members 1 Junkins Avenue, Suite 3rd Floor Portsmouth, NH 03801

RE: TAC Work Session Application 635 Sagamore Avenue, Portsmouth, NH Tax Map 222, Lot 19 JBE Project No. 18134.1

Dear Board Members,

Jones & Beach Engineers, Inc., respectfully submits a TAC Work Session Application on behalf of the applicant & owner, 635 Sagamore Development, LLC. The intent of this application is to discuss some important items with the Technical Advisory Committee in order to get clear direction prior to moving forward with the complete design. We will be back with a detailed plan for a full TAC review.

The plan is to remove the 2 pre-existing non-conforming structures known as the Luster King. Then four new single-family homes will be constructed with access via a private common driveway from Sagamore Avenue. We have received our variances for this proposed development recently. The existing wide curb cut that currently exists for Luster King will be narrowed for just the one driveway. The new development will be tied into the new sewer line installed for this area.

Given all the changes that are happening in this area. We wanted to have a conversation about the sight distance for this development as this property is located near an existing high point on Sagamore. We also wanted to review whether this small 4-unit project would require a hydrant and therefore require an 8" water line to be extended from the existing 12" line. If no hydrant is required, then we could go with a smaller line to provide just domestic water service. The sewer service for this lot has already been installed and we will be tying into that line. I understand the sidewalk contract for Sagamore will be happening in the spring and we will want to get the limits of the new sidewalk determined and coordinated with our driveway location.

The following items are provided in support of this Application:

- 1. Completed TAC Work Session Application (submitted online).
- 2. Letter of Authorization.
- 3. Current Deed.
- 4. Example Building Plans (11"x17")
- 5. One (1) Full Size Plan Set Folded.

If you have any questions or need any additional information, please feel free to contact our office. Thank you very much for your time.

Very truly yours,

JONES & BEACH ENGINEERS, INC.

Joseph A. Coronati

Vice President

cc: Michael Garrepy (via email)

Chris Ward (via email)

Stephen Pernaw, Traffic Consultant (via email)

 < Sagamore A... Save □ :

Letter of Authorization

635 Sagamore Development, LLC, owner of property located at 635 Sagamore Avenue in Portsmouth, NH, known as Tax Map 222, Lot 19, do hereby authorize Jones & Beach Engineers, Inc. ("JBE"), Garrepy Planning Consultants, LLC ("GPC"), and Hoefle, Phoenix, Gormley & Roberts, PLLC ("HPGR") to act on its behalf concerning the previously mentioned property.

I hereby appoint JBE, GPC and HPGR as agents to act on behalf of 635 Sagamore Development, LLC in the Planning Board and Zoning Board application process, to include any required signatures.

635 Sagamore Development, LLC

Timothy J. Black, Duly Authorized

January 5, 2022 Date

1/1







Book: 6332 Page: 1158

E # 21060614

09/24/2021 09:32:59 AM

Book 6332 Page 1158

Page 1 of 2

Register of Deeds, Rockingham County

LCHIP TRANSFER TAX RO109828

ROA585829

25.00 5,807.00

RECORDING **SURCHARGE** 14.00 2.00

WARRANTY DEED

Return to:

KNOW ALL BY THESE PRESENTS, that I, WILLIAM A. HINES, married person, TRUSTEE OF THE WILLIAM A. HINES FAMILY REVOCABLE TRUST a/k/a The Hines Family Revocable Trust of 2006, of 635 Sagamore Avenue, Portsmouth, New Hampshire 03801, for consideration paid, hereby grant to 635 SAGAMORE DEVELOPMENT, LLC, a New Hampshire limited liability company with a mailing address of 3612 Lafayette Road, Dept. 4, Portsmouth, New Hampshire 03801 with WARRANTY COVENANTS, the following described premises:

A certain tract of land with the buildings thereon, situate on Sagamore Avenue in said Portsmouth, more particularly described as follows:

Beginning at a point on Sagamore Avenue at land now or formerly of Arnold, thence running Westerly by said Arnold land three hundred (300) feet, more or less, to land now or formerly of W.W. and D.M. Johnston; thence turning and running Northwesterly by said Johnston land one hundred and twentyfour (124) feet; thence turning and running Northerly also by said Johnston land one hundred sixtytwo (162) feet to land now or formerly of C.W. Walker; thence turning and running Easterly by said Walker land four hundred nineteen (419) feet to Sagamore Avenue; thence turning and running Easterly one hundred forty (140) feet; thence turning and running along said Sagamore Avenue thirty (30) feet to land of one Smith; thence turning and running Westerly one hundred forty (140) feet; thence turning and running Southerly ninety (90) feet; thence turning and running Easterly one hundred forty (140) feet to Sagamore Avenue; the last three bounds being land of Smith; thence turning running Southerly by said Sagamore Avenue one hundred sixty (160) feet to the point of beginning.

EXCEPTING AND RESERVING to the said William A. Hines and his wife Bonnie Hines a life estate in the above-described property permitting them to reside in the existing residential apartment on the property for the remainder of William A. Hines natural life, plus one year unless Bonne Hines shall have predeceased.

Meaning and intending to convey the same premises conveyed to the Grantor by deed of William A. Hines dated February 11, 2008 and recorded in the Rockingham County Registry of Deeds at Book 4885, Page 1538.

BY SIGNING BELOW, William A. Hines and Bonnie Hines release all homestead rights to the Premises.

Book: 6332 Page: 1159

TRUSTEE CERTIFICATE

I, William A. Hines, Trustee of the William A. Hines Family Revocable Trust A/K/A The Hines Family Revocable Trust of 2006, hereby covenant that said Trust is duly organized under the laws of the State of New Hampshire; that I am the sole trustee pursuant to said Declaration of Trust; that said Trust is still in full force and effect; that I have the power thereunder to convey as aforesaid; and that, in making this conveyance, I have, in all respects, acted pursuant to the authority vested in and granted to me therein and no purchaser or third party shall be bound to inquire whether the Trustee has said power or are properly exercising said power or to see to the application of any trust assets paid to the Trustee for a conveyance thereof.

Signed this 3rd day of September, 2021.

What A. E. William A. Hines, Trustee of the William A. Hines Family Revocable Trust A/K/A The Hines Family Revocable Trust of 2006

Bonnie Hines

STATE OF NEW HAMPSHIRE COUNTY OF ROCKINGHAM

On this, the 3rd day of September, 2021, before me, the undersigned Officer, personally appeared William A. Hines, Trustee of the William A. Hines Family Revocable Trust A/K/A The Hines Family Revocable Trust of 2006, known to me, or satisfactorily proven, to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed the same for the purposes set forth therein.

Justice of the Peace/Notary Public

EXPIRES

My commission expires:

STATE OF NEW HAMPSHIRE COUNTY OF ROCKINGHAM

On this, the 3rd day of September, 2021, before me, the undersigned Officer, personally appeared Bonnie Hines, known to me, or satisfactorily proven, to be the person whose name is subscribed to the foregoing instrument, and acknowledged that she executed the same for the purposes set forth therein,

Justice of the Peace/Notary Public

My commission expires:

419.126.v14 GL (1/27/2022)

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603-431-9559



Dear Builders and Home Buyers,

In addition to our Terms and Conditions (the "Terms"), please be aware of the following:

This design may not yet have Construction Drawings (as defined in the Terms), and is, therefore, only available as a Design Drawing (as defined in the Terms and together with Construction Drawings, "Drawings'). It is possible that during the conversion of a Design Drawing to a final Construction Drawing, changes may be necessary including, but not limited to, dimensional changes. Please see Plan Data Explained on www.ArtformHomePlans.com to understand room sizes, dimensions and other data provided. We are not responsible for typographical errors.

Artform Home Plans ("Artform") requires that our Drawings be built substantially as designed. Artform will not be obligated by or liable for use of this design with markups as part of any builder agreement. While we attempt to accommodate where possible and reasonable, and where the changes do not denigrate our design, any and all changes to Drawings must be approved in writing by Artform. It is recommended that you have your Drawing updated by Artform prior to attaching any Drawing to any builder agreement. Artform shall not be responsible for the misuse of or unauthorized alterations to any of its Drawings.

Facade Changes:

- To maintain design integrity, we pay particular attention to features on the front facade, including but not limited to door surrounds, window casings, finished porch column sizes, and roof friezes. While we may allow builders to add their own flare to aesthetic elements, we don't allow our designs to be stripped of critical details. Any such alterations require the express written consent of Artform.
- Increasing ceiling heights usually requires adjustments to window sizes and other exterior elements.

Floor plan layout and/or Structural Changes:

- Structural changes always require the express written consent of Artform
- If you wish to move or remove walls or structural elements (such as removal of posts, increases in house size, ceiling height changes, addition of dormers, etc), please do not assume it can be done without other additional changes (even if the builder or lumber yard says you can).

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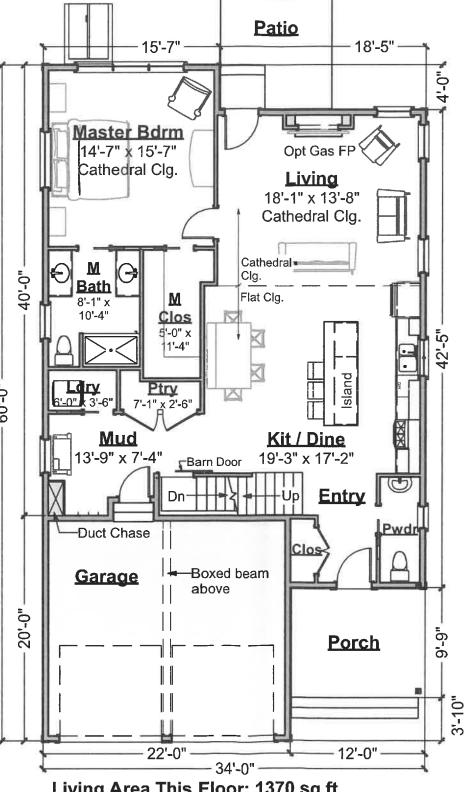


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Living Area This Floor: 1370 sq ft

9 ft Ceilings, unless noted otherwise

First Floor Plan

Scale: 3/32" = 1'-0"

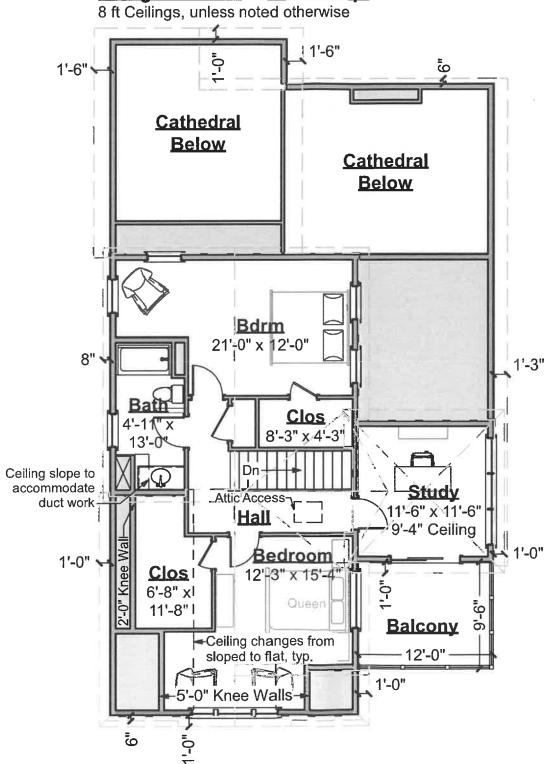
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Living Area This Floor: 979 sq ft



Second Floor Plan

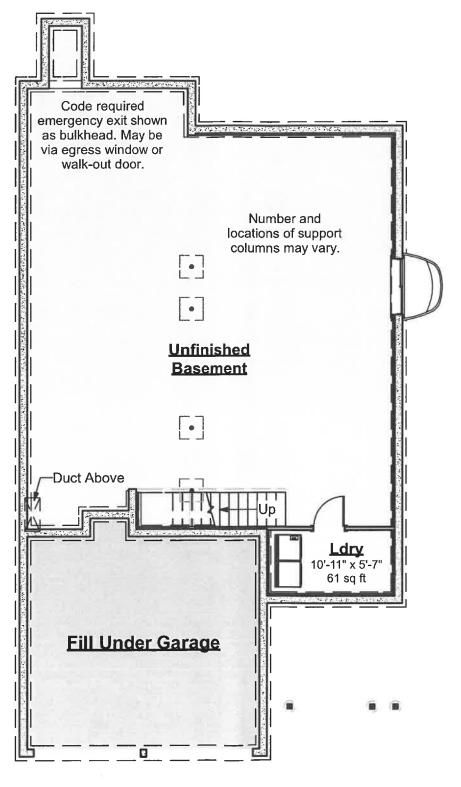
Scale: 3/32" = 1'-0"

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Foundation Plan

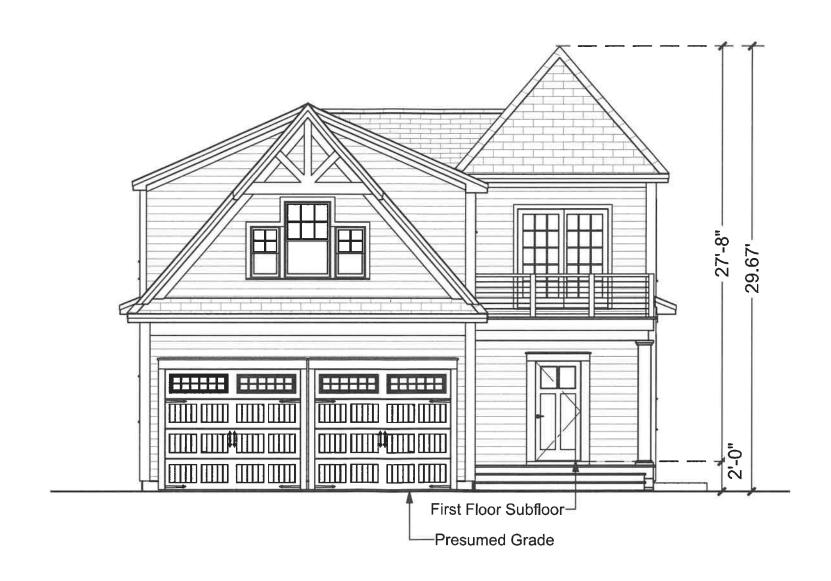
Scale: 3/32" = 1'-0"

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Front Elevation

Scale: 1/8" = 1'-0"

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Right Elevation Scale: 1/8" = 1'-0"

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Rear Elevation

Scale: 1/8" = 1'-0"

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Left Elevation

Scale: 1/8" = 1'-0"

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603-431-9559

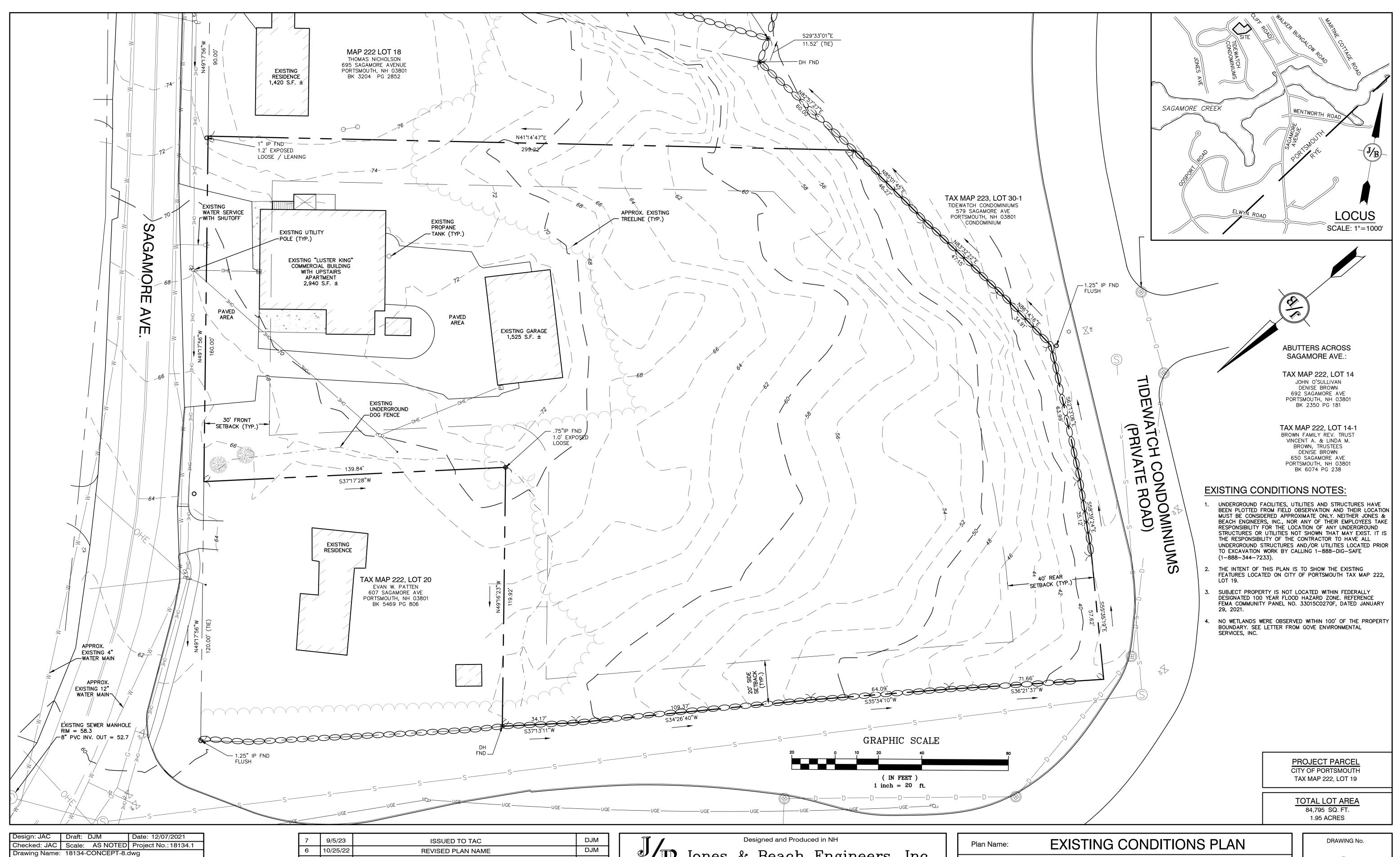








Interior Views



THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE T THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

DJM 6/23/22 REVISED CONCEPTUAL LAYOUT 6/2/22 DJM ADDED UTILITY INFORMATION DJM 3/21/22 REVISED CONCEPTUAL LAYOUT REVISION BY DATE

Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services 603-772-4746

PO Box 219

Stratham, NH 03885

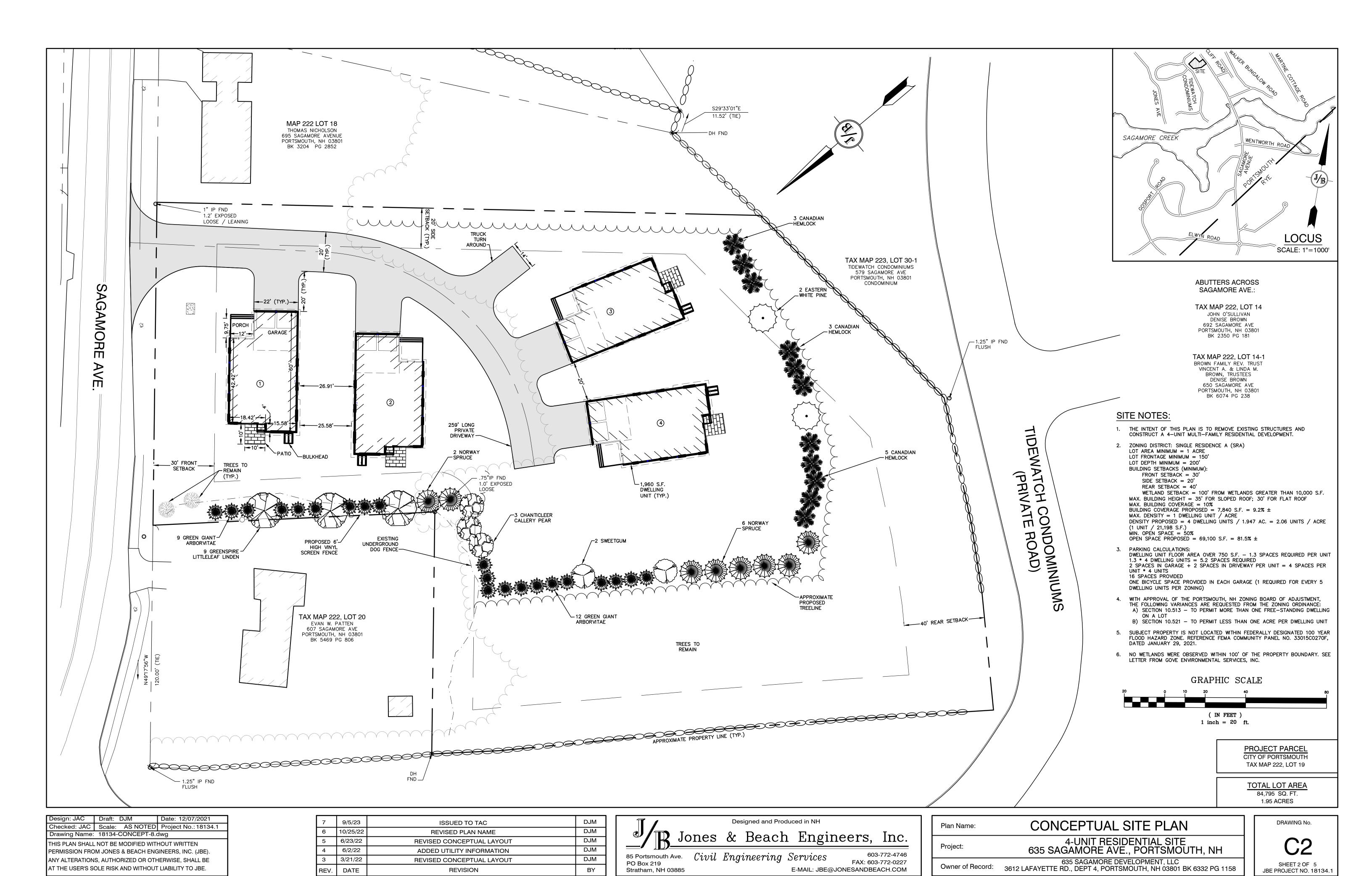
FAX: 603-772-0227

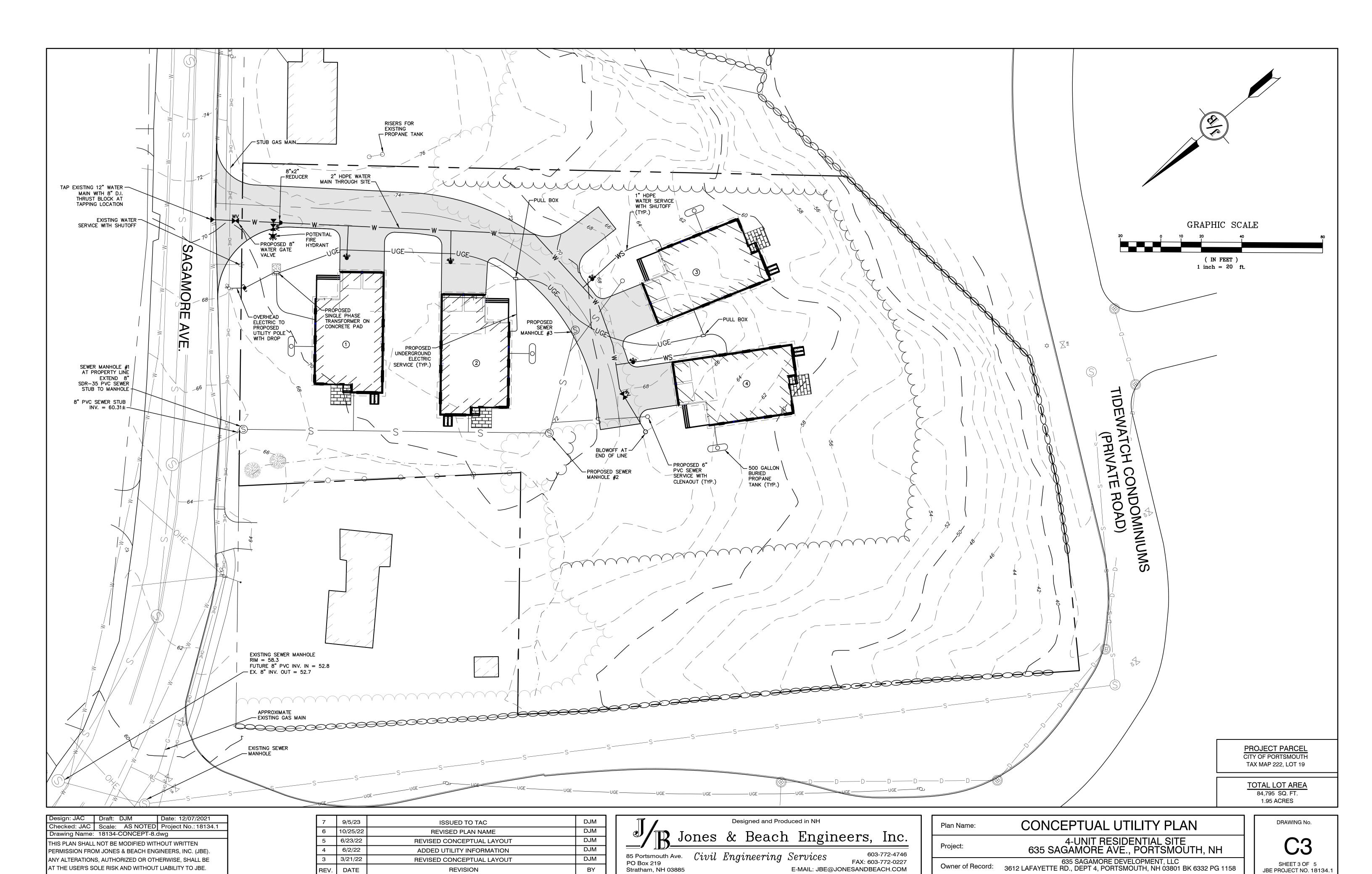
E-MAIL: JBE@JONESANDBEACH.COM

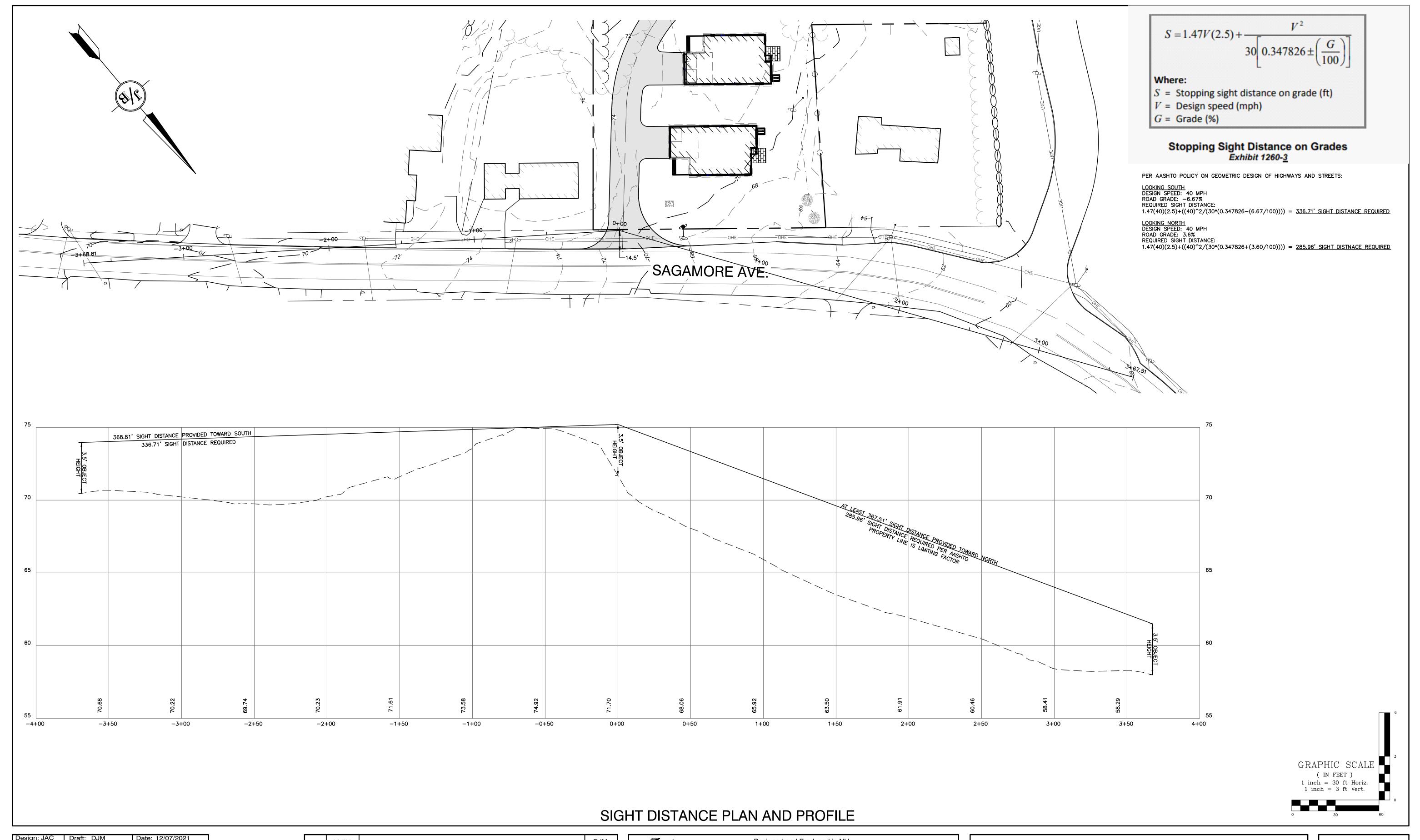
4-UNIT RESIDENTIAL SITE 635 SAGAMORE AVE., PORTSMOUTH, NH Project:

635 SAGAMORE DEVELOPMENT, LLC Owner of Record;3612 LAFAYETTE RD., DEPT 4, PORTSMOUTH, NH 03801 BK 6332 PG 1158

JBE PROJECT NO. 18134.1







Design: JAC Draft: DJM Date: 12/07/2021
Checked: JAC Scale: AS NOTED Project No.:18134.1 Drawing Name: 18134-CONCEPT-8.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

7	9/5/23	ISSUED TO TAC	DJM
6	10/25/22	REVISED PLAN NAME	DJM
5	6/23/22	REVISED CONCEPTUAL LAYOUT	DJM
4	6/2/22	ADDED UTILITY INFORMATION	DJM
3	3/21/22	REVISED CONCEPTUAL LAYOUT	DJM
REV.	DATE	REVISION	BY

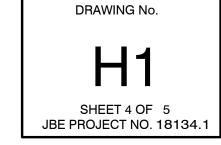
Designed and Produced in NH Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services 603-772-4746 FAX: 603-772-0227 PO Box 219

Stratham, NH 03885

E-MAIL: JBE@JONESANDBEACH.COM

=	Project:	4-UNIT RESIDENTIAL SITE 635 SAGAMORE AVE., PORTSMOUTH, NH
	Owner of Record:	635 SAGAMORE DEVELOPMENT, LLC 3612 LAFAYETTE RD., DEPT 4, PORTSMOUTH, NH 03801 BK 6332 PG 1158

HIGHWAY ACCESS PLAN - OPTION 1 4-UNIT RESIDENTIAL SITE SAGAMORE AVE., PORTSMOUTH, NH





Design: JACDraft: DJMDate: 12/07/2021Checked: JACScale: AS NOTEDProject No.: 18134.1Drawing Name: 18134-CONCEPT-8.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

7	9/5/23	ISSUED TO TAC	DJM
6	10/25/22	REVISED PLAN NAME	DJM
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4	6/2/22	ADDED UTILITY INFORMATION	DJM
3	3/21/22	REVISED CONCEPTUAL LAYOUT	DJM
REV.	DATE	REVISION	BY

Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services
PO Box 219
Stratham, NH 03885

E-MAIL: JBE@ 603-772-4746 FAX: 603-772-0227

E-MAIL: JBE@JONESANDBEACH.COM

Project:	4-UNIT RESIDENTIAL SITE 635 SAGAMORE AVE., PORTSMOUTH, NH
Owner of Record:	635 SAGAMORE DEVELOPMENT, LLC 3612 LAFAYETTE RD., DEPT 4, PORTSMOUTH, NH 03801 BK 6332 PG 1158

SHEET 5 OF 5 JBE PROJECT NO. 18134.1



M-5131-001 September 5, 2023

Mr. Peter Britz, Director of Planning & Sustainability City of Portsmouth Planning & Sustainability Department 1 Junkins Avenue Portsmouth, New Hampshire 03801

Re: Request for TAC Work Session
815 Lafayette Road - Proposed Development

Dear Peter,

On behalf of Prospect North 815, LLC (owner/applicant) we are pleased to submit one (1) set of hard copies and one electronic file (.pdf) of the following information to support a request to meet with the Technical Advisory Committee (TAC) at their next scheduled Work Session for the above referenced project:

- Site Plan Set, dated September 5, 2023;
- Community Space Exhibit, dated September 5, 2023;
- Owners Authorization, dated June 1, 2023

The proposed project is located at 815 Lafayette Road (US Route 1) which is identified as Map 245 Lot 3 on the City of Portsmouth Tax Maps. The site was previously home to the WHEB radio station which no longer operates at this location. The property is a 19.6-acre parcel of land that is located in the Gateway District (G1). The property is bound to the west by Route 1 and the abutting Lafayette Plaza shopping center property, to the north and east by the Winchester Place property and to the south by Sagamore Creek.

The proposed project consists of the demolition of the existing building along Sagamore Creek and the construction of three 4-story, 24-unit multi-family buildings (72 total units) with first floor parking. The project will include associated site improvements such as parking, pedestrian access, utilities, stormwater management, lighting, and landscaping. The site will be accessed via the existing driveway on Route 1.

As currently designed, the project will require relief from the Zoning Board of Adjustment (ZBA) for efforts to develop the front lot line within the limits of the usable front yard. In addition, this project would require a Conditional Use Permit (CUP) for improvements within the 100-foot wetland buffer. The proposed project will be an environmental improvement from the existing condition and eliminates approximately 9,600 SF of existing impervious surface that is located in the 100-foot wetland buffer by removing the existing building and pavement located along Sagamore Creek. These previously disturbed areas will be reestablished with vegetation to provide buffer enhancement. In addition, the project will enhance the quality of runoff discharged to Sagamore Creek with the addition of stormwater treatment practices that do not currently exist on the site.

Tighe&Bond

The applicant respectfully requests to meet with TAC at their next scheduled Work Session on September 12, 2023. If you have any questions or need any additional information, please contact me by phone at (603) 433-8818 or by email at NAHansen@tighebond.com.

Neil A. Hansen, PE Project Manager

Sincerely,

TIGHE & BOND, INC.

Patrick M. Crimmins, PE

Vice President

Copy: Prospect North 815, LLC

B

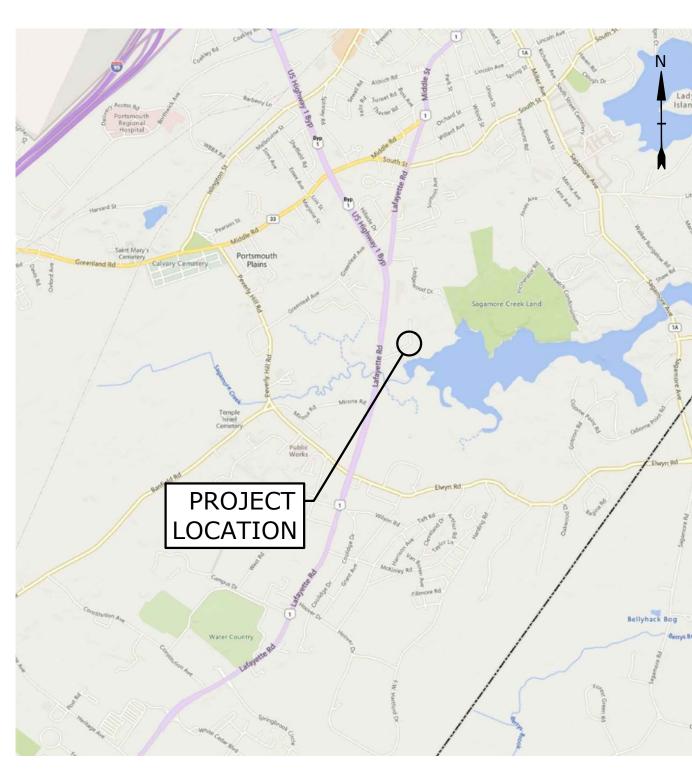
815 LAFAYETTE ROAD PROPOSED DEVELOPMENT

PORTSMOUTH, NEW HAMPSHIRE DATE SEPTEMBER 5, 2023

PROGRESS PRINT

LIST OF DRAWINGS			
SHEET NO.	SHEET TITLE	LAST REVISED	
	COVER SHEET	9/5/2023	
C1	EXISTING CONDITIONS PLAN	2/2/2023	
C2	EXISTING CONDITIONS PLAN	2/2/2023	
C3	EXISTING CONDITIONS PLAN	2/2/2023	
C4	EXISTING CONDITIONS PLAN	2/2/2023	
C5	EXISTING CONDITIONS PLAN	2/2/2023	
G-100	GENERAL NOTES AND LEGEND	9/5/2023	
C-101	DEMOLITION PLAN	9/5/2023	
C-102	SITE PLAN	9/5/2023	
C-103	GRADING, DRAINAGE, AND EROSION CONTROL PLAN	9/5/2023	
C-104	UTILITY PLAN	9/5/2023	
C-501	EROSION CONTROL NOTES AND DETAILS SHEET	9/5/2023	
C-502	DETAILS SHEET	9/5/2023	
C-503	DETAILS SHEET	9/5/2023	
C-504	DETAILS SHEET	9/5/2023	
C-505	DETAILS SHEET	9/5/2023	
1 OF 2	BUILDING ELEVATIONS	8/29/2023	
2 OF 2	TYPICAL FLOOR PLANS	8/29/2023	

LIST OF PERMITS				
LOCAL	STATUS	DATE		
SITE PLAN REVIEW PERMIT	PENDING			
CONDITIONAL USE PERMIT - WETLAND BUFFER	PENDING			
ZONING BOARD OF ADJUSTMENTS	PENDING			
STATE				
NHDES - SEWER CONNECTION PERMIT	NOT SUBMITTED			
NHDES - ALTERATION OF TERRAIN PERMIT	NOT SUBMITTED			



LOCATION MAP

SCALE: 1" = 2000'

CONSTRUCTION NOTE

- 1. THE CONTRACTOR SHALL NOT RELY ON SCALED DIMENSIONS AND SHALL CONTACT THE
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND FOR SITE CONDITIONS THROUGHOUT CONSTRUCTION. NEITHER THE PLANS NOR THE SEAL OF THE ENGINEER AFFIXED HEREON EXTEND TO OR INCLUDE SYSTEMS REQUIRED FOR THE SAFE OF THE CONTRACTOR, THEIR EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANT OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND IMPLEMENTING SAFETY PROCEDURES AND SYSTEMS AS REQUIRED BY THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), AND ANY STATE OR LOCAL SAFETY REGULATIONS.
- 3. TIGHE & BOND ASSUMES NO RESPONSIBILITY FOR ANY ISSUES LEGAL OR OTHERWISE, RESULTING FROM CHANGES MADE TO THESE DRAWINGS WITHOUT WRITTEN AUTHORIZATION OF TIGHE & BOND.

PREPARED BY:

Tighe&Bond

177 CORPORATE DRIVE PORTSMOUTH, NH 03801 603-433-8818

APPLICANT:

PROSPECT NORTH 815, LLC
PO Box 372
Greenland, NH 04840

ARCHITECT:

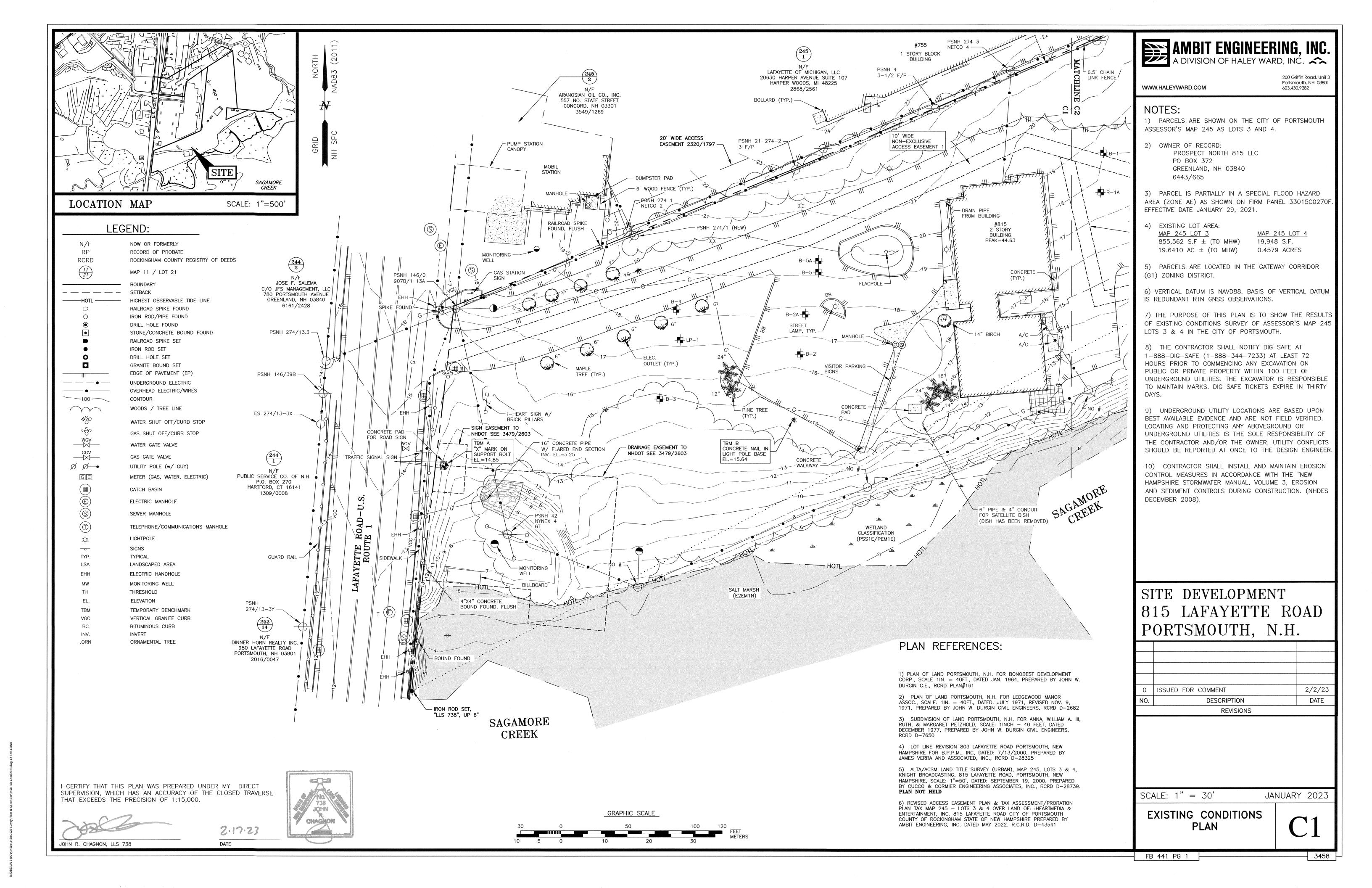
MICHAEL J. KEANE ARCHITECTS, PLLC 101 Kent Place Newmarket, NH 03857

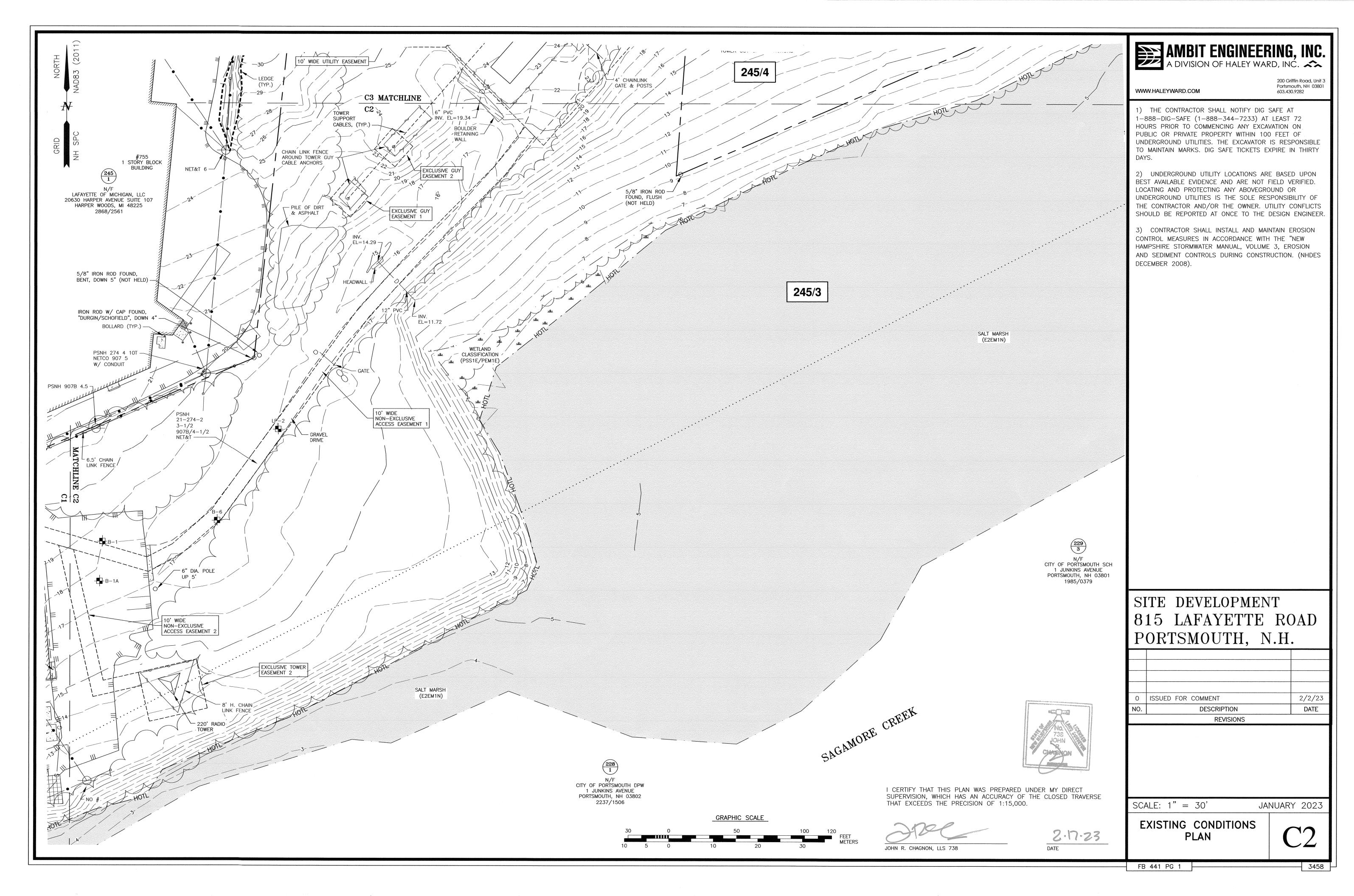
SURVEYOR:

AMBIT ENGINEERING, INC. 200 Griffin Road - Unit 3 Portsmouth, NH 03801

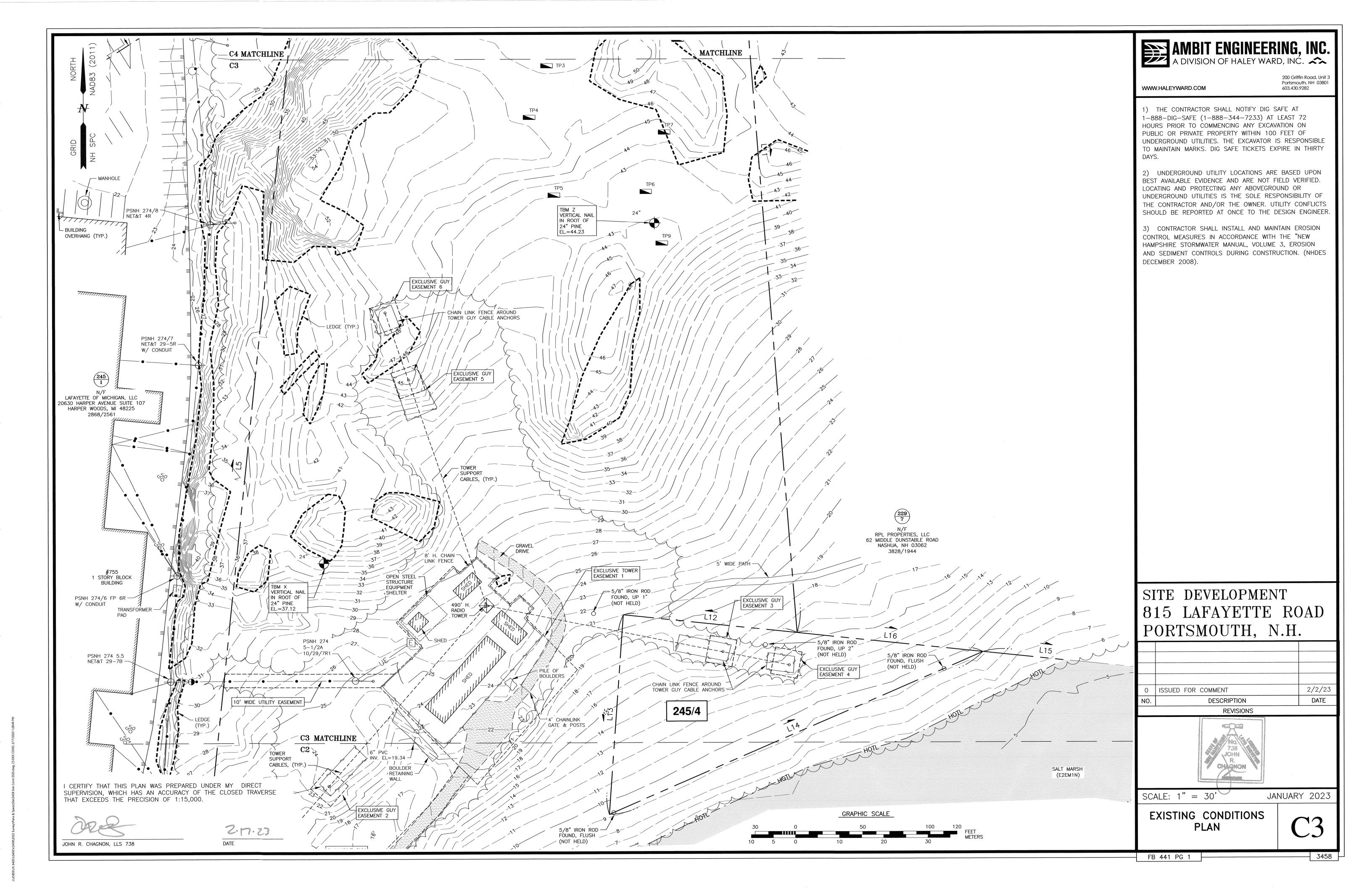


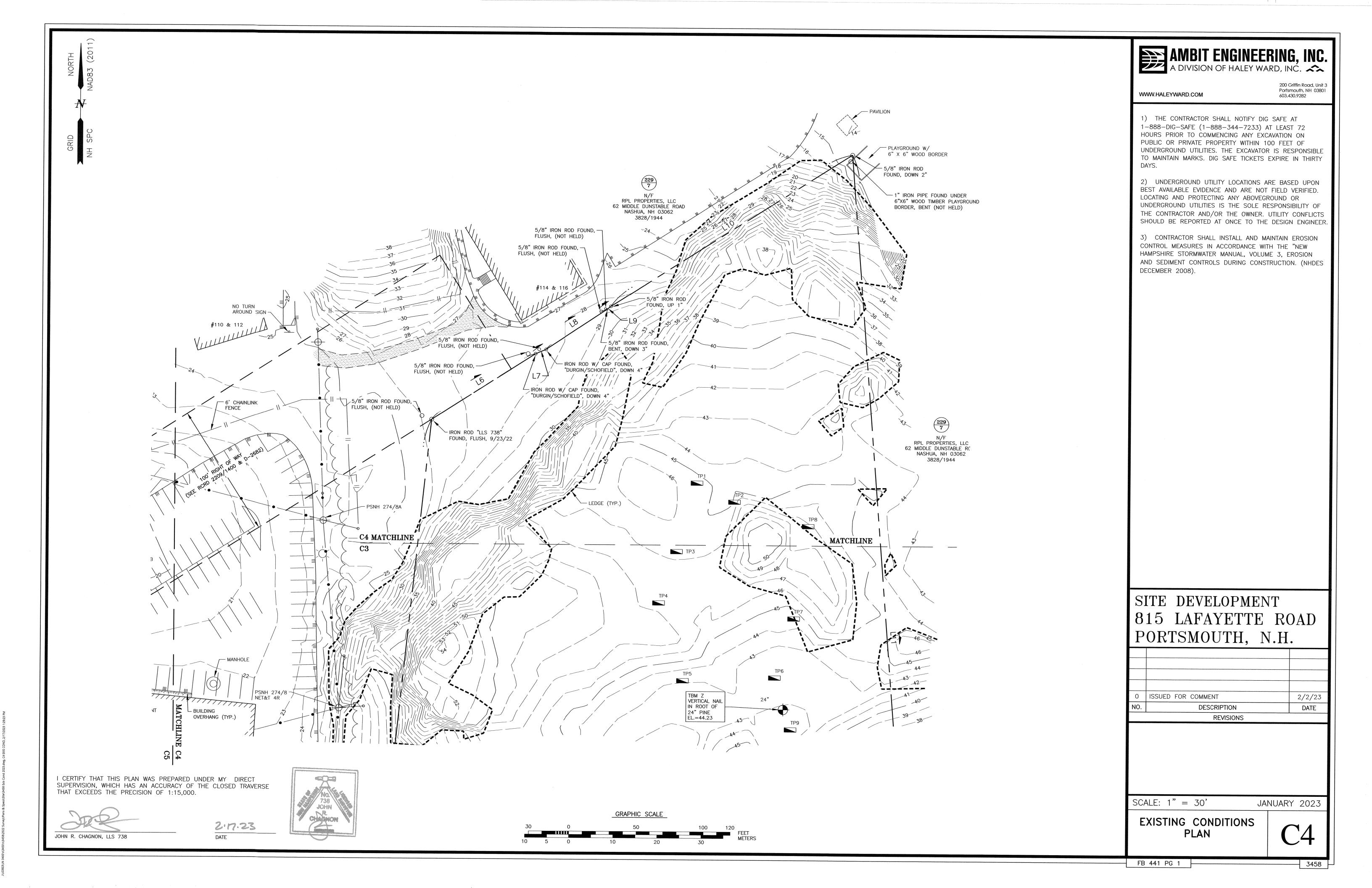
TAC WORK SESSION SUBMISSION COMPLETE SET 18 SHEETS

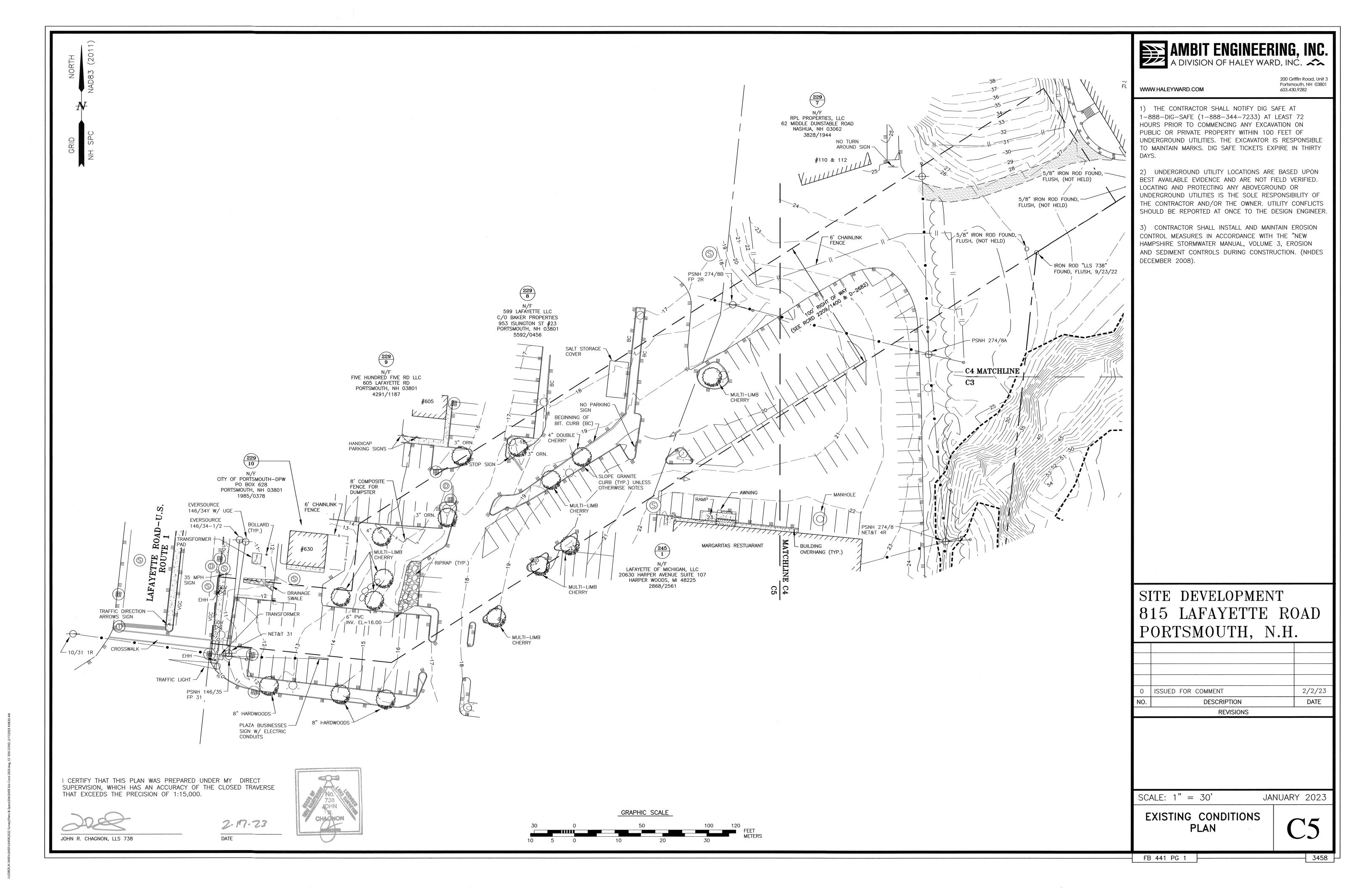




J:\JOBS3\JN 3400's\3450's\3458\2022 Survey\Plans & Sp







GENERAL NOTES:

- 1. THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND THE LOCATIONS ARE NOT GUARANTEED BY THE OWNER OR THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, ANTICIPATE CONFLICTS, REPAIR EXISTING UTILITIES AND RELOCATE EXISTING UTILITIES REQUIRED TO COMPLETE THE WORK.
- 2. COORDINATE ALL WORK WITHIN PUBLIC RIGHT OF WAYS WITH THE CITY OF PORTSMOUTH.
- 3. THE CONTRACTOR SHALL EMPLOY A NEW HAMPSHIRE LICENSED LAND SURVEYOR TO

DETERMINE ALL LINES AND GRADES.

- 4. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES. CALL DIG SAFE AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES AND COMPLY WITH THE CONDITIONS OF ALL OF THE PERMIT APPROVALS.
- 6. THE CONTRACTOR SHALL OBTAIN AND PAY FOR AND COMPLY WITH ADDITIONAL PERMITS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK AND ARRANGE FOR AND PAY FOR NECESSARY INSPECTIONS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION
- 7. THE CONTRACTOR SHALL PHASE DEMOLITION AND CONSTRUCTION AS REQUIRED TO PROVIDE CONTINUOUS SERVICE TO EXISTING BUSINESSES AND HOMES THROUGHOUT THE CONSTRUCTION PERIOD. EXISTING BUSINESS AND HOME SERVICES INCLUDE, BUT ARE NOT LIMITED TO ELECTRICAL, COMMUNICATION, FIRE PROTECTION, DOMESTIC WATER AND SEWER SERVICES. TEMPORARY SERVICES, IF REQUIRED, SHALL COMPLY WITH ALL FEDERAL STATE, LOCAL AND UTILITY COMPANY STANDARDS. CONTRACTOR SHALL PROVIDE DETAILED CONSTRUCTION SCHEDULE TO OWNER PRIOR TO ANY DEMOLITION/CONSTRUCTION ACTIVITIES AND SHALL COORDINATE TEMPORARY SERVICES TO ABUTTERS WITH THE UTILITY COMPANY AND AFFECTED ABUTTER.
- 8. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES & SPECIFICATIONS.
- ALL WORK SHALL CONFORM TO THE CITY OF PORTSMOUTH DEPARTMENT OF PUBLIC WORKS. STANDARD SPECIFICATIONS AND WITH THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, "STANDARD SPECIFICATIONS OF ROAD AND BRIDGE CONSTRUCTION",
- 10. CONTRACTOR TO SUBMIT AS-BUILT PLANS IN DIGITAL FORMAT (.DWG AND .PDF FILES) ON DISK TO THE OWNER AND ENGINEER UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL BE PREPARED AND CERTIFIED BY A NEW HAMPSHIRE LICENSED LAND SURVEYOR
- 11. CONTRACTOR SHALL THOROUGHLY CLEAN ALL CATCH BASINS AND DRAIN LINES, WITHIN THE LIMIT OF WORK, OF SEDIMENT IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
- 12. SEE EXISTING CONDITIONS PLAN FOR BENCH MARK INFORMATION.

DEMOLITION NOTES:

- 1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR 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.
- 3. COORDINATE REMOVAL, RELOCATION, DISPOSAL OR SALVAGE OF UTILITIES WITH THE OWNER AND APPROPRIATE UTILITY COMPANY.
- 4. ANY EXISTING WORK OR PROPERTY DAMAGED OR DISRUPTED BY CONSTRUCTION/ DEMOLITION ACTIVITIES SHALL BE REPLACED OR REPAIRED TO MATCH ORIGINAL EXISTING CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 5. SAW CUT AND REMOVE PAVEMENT ONE (1) FOOT OFF PROPOSED EDGE OF PAVEMENT OR EXISTING CURB LINE IN ALL AREAS WHERE PAVEMENT TO BE REMOVED ABUTS EXISTING PAVEMENT OR CONCRETE TO REMAIN.
- 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.
- 7. UTILITIES SHALL BE TERMINATED AT THE MAIN LINE PER UTILITY COMPANY AND TOWN OF PORTSMOUTH STANDARDS. THE CONTRACTOR SHALL REMOVE ALL ABANDONED UTILITIES LOCATED WITHIN THE LIMITS OF WORK UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY ORIGIN OF ALL DRAINS AND UTILITIES PRIOR TO REMOVAL/TERMINATION TO DETERMINE IF DRAINS OR UTILITY IS ACTIVE, AND SERVICES ANY ON OR OFF-SITE STRUCTURE TO REMAIN. THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY 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 FULL LIMITS OF PAVEMENT REMOVAL PRIOR TO BID.
- 10. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, CONCRETE PADS, UTILITIES AND PAVEMENT WITHIN THE WORK LIMITS SHOWN UNLESS SPECIFICALLY IDENTIFIED TO REMAIN. ITEMS TO BE REMOVED INCLUDE BUT ARE NOT LIMITED TO: CONCRETE, PAVEMENT, CURBS, LIGHTING, MANHOLES, CATCH BASINS, UNDER GROUND PIPING, POLES, STAIRS, SIGNS, FENCES, RAMPS, WALLS, BOLLARDS, BUILDING SLABS, FOUNDATION, TREES AND LANDSCAPING.
- 11. REMOVE TREES AND BRUSH AS REQUIRED FOR COMPLETION OF WORK. CONTRACTOR SHALL GRUB AND REMOVE ALL STUMPS WITHIN LIMITS OF WORK AND DISPOSE OF OFF SITE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.
- 12. CONTRACTOR SHALL PROTECT ALL PROPERTY MONUMENTATION THROUGHOUT DEMOLITION AND CONSTRUCTION OPERATIONS. SHOULD ANY MONUMENTATION BE DISTURBED BY THE CONTRACTOR, THE CONTRACTOR SHALL EMPLOY A NEW HAMPSHIRE LICENSED SURVEYOR TO REPLACE DISTURBED MONUMENTS.
- 13. PROVIDE INLET PROTECTION BARRIERS AT ALL CATCH BASINS/CURB INLETS WITHIN CONSTRUCTION LIMITS AS WELL AS CATCH BASINS/CURB INLETS THAT RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES. INLET PROTECTION BARRIERS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. INLET PROTECTION BARRIERS SHALL BE "HIGH FLOW SILT SACK" BY ACF ENVIRONMENTAL OR EQUAL. INSPECT BARRIERS WEEKLY AND AFTER EACH RAIN EVENT OF 0.25 INCHES OR GREATER. CONTRACTOR SHALL COMPLETE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT OR MORE OFTEN IF THE FABRIC BECOMES CLOGGED OR SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DEPTH OF THE BARRIER.
- 14. SEE ROADWAY IMPROVEMENT PLANS FOR OFF-SITE DEMOLITION.
- 15. THE CONTRACTOR SHALL PAY ALL COSTS NECESSARY FOR TEMPORARY PARTITIONING, BARRICADING, FENCING, SECURITY AND SAFETY DEVICES REQUIRED FOR THE MAINTENANCE OF A CLEAN AND SAFE CONSTRUCTION SITE.
- 16. SAW CUT AND REMOVE PAVEMENT AND CONSTRUCT PAVEMENT TRENCH PATCH FOR ALL UTILITIES TO BE REMOVED AND PROPOSED UTILITIES LOCATED IN EXISTING PAVEMENT AREAS TO REMAIN.
- 17. THE CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING GRANITE CURB FOR REUSE.

SITE NOTES:

- 1. PAVEMENT MARKINGS SHALL BE INSTALLED AS SHOWN, INCLUDING PARKING SPACES, STOP BARS, ADA SYMBOLS, PAINTED ISLANDS, FIRE LANES, CROSS WALKS, ARROWS, LEGENDS AND CENTERLINES. ALL MARKINGS EXCEPT CENTERLINE AND MEDIAN ISLANDS TO BE CONSTRUCTED USING WHITE PAVEMENT MARKINGS. ALL THERMOPLASTIC PAVEMENT MARKINGS INCLUDING LEGENDS, ARROWS, CROSSWALKS AND STOP BARS SHALL MEET THE REQUIREMENTS OF AASHTO M249. ALL PAINTED PAVEMENT MARKINGS INCLUDING CENTERLINES, LANE LINES AND PAINTED MEDIANS SHALL MEET THE REQUIREMENTS OF AASHTO M248 TYPE "F".
- ALL PAVEMENT MARKINGS AND SIGNS TO CONFORM TO "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS", AND THE AMERICANS WITH DISABILITIES ACT REQUIREMENTS, LATEST
- 3. SEE DETAILS FOR PAVEMENT MARKINGS, ADA SYMBOLS, SIGNS AND SIGN POSTS.
- 4. CENTERLINES SHALL BE FOUR (4) INCH WIDE YELLOW LINES.
- 5. PAINTED ISLANDS SHALL BE FOUR (4) INCH WIDE DIAGONAL LINES AT 3'-0" O.C. BORDERED BY FOUR (4) INCH WIDE LINES.

- 6. STOP BARS SHALL BE EIGHTEEN (18) INCHES WIDE, WHITE THERMOPLASTIC AND CONFORM TO CURRENT MUTCD STANDARDS.
- CLEAN AND COAT VERTICAL FACE OF EXISTING PAVEMENT AT SAW CUT LINE WITH RS-1 EMULSION IMMEDIATELY PRIOR TO PLACING NEW BITUMINOUS CONCRETE
- 8. SEE ARCHITECTURAL/BUILDING DRAWINGS FOR ALL CONCRETE PADS & SIDEWALKS
- ADJACENT TO BUILDING.
- COORDINATE ALL OFF-SITE SITE WORK WITH ROADWAY IMPROVEMENT PLANS.
- 10. CONTRACTOR TO PROVIDE BACKFILL AND COMPACTION AT CURB LINE AFTER CONCRETE FORMS FOR SIDEWALKS AND PADS HAVE BEEN STRIPPED. COORDINATE WITH BUILDING CONTRACTOR
- 11. ALL LIGHT POLE BASES NOT PROTECTED BY A RAISED CURB SHALL BE PAINTED YELLOW.
- 12. COORDINATE ALL WORK ADJACENT TO BUILDING WITH BUILDING CONTRACTOR.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING RETAINING WALL DESIGN FROM STRUCTURAL ENGINEER AND/OR WALL MANUFACTURER. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO CONSTRUCT WALL IN ACCORDANCE WITH DESIGN APPROVED BY THE ENGINEER. RETAINING WALL SHALL BE SEGMENTAL BLOCK WALL SYSTEM AS OUTLINED IN THE DETAILS.
- 14. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

GRADING AND DRAINAGE NOTES:

- COMPACTION REQUIREMENTS: BELOW PAVED OR CONCRETE AREAS TRENCH BEDDING MATERIAL AND
- SAND BLANKET BACKFILL BELOW LOAM AND SEED AREAS
- * ALL PERCENTAGES OF COMPACTION SHALL BE OF THE MAXIMUM DRY DENSITY AT THE OPTIMUM MOISTURE CONTENT AS DETERMINED AND CONTROLLED IN ACCORDANCE WITH ASTM D-1557, METHOD C FIELD DENSITY TESTS SHALL BE MADE IN ACCORDANCE WITH ASTM
- 2. ALL STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HANCOR HI-Q, ADS N-12 OR EQUAL) OR RCP CLASS IV, UNLESS OTHERWISE SPECIFIED.
- ADJUST ALL MANHOLES, CATCH BASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE. CONTRACTOR SHALL PROVIDE A FINISH PAVEMENT SURFACE AND LAWN AREAS FREE OF LOW
- SPOTS AND PONDING AREAS. CRITICAL AREAS INCLUDE BUILDING ENTRANCES, EXITS, RAMPS AND LOADING DOCK AREAS ADJACENT TO THE BUILDING.
- ALL DISTURBED AREAS NOT TO BE PAVED OR OTHERWISE TREATED SHALL RECEIVE 6" LOAM, SEED FERTILIZER AND MULCH.
- ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NHDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, LATEST EDITION.
- 7. ALL PROPOSED CATCH BASINS SHALL BE EQUIPPED WITH OIL/GAS SEPARATOR HOODS AND 4' SUMPS.

EROSION CONTROL NOTES:

1. SEE SHEET C-501 FOR GENERAL EROSION CONTROL NOTES AND DETAILS.

UTILITY NOTES:

- 1. COORDINATE ALL UTILITY WORK WITH APPROPRIATE UTILITY COMPANY.
- NATURAL GAS UNITIL
- WATER CITY OF PORTSMOUTH • SEWER - CITY OF PORTSMOUTH
- ELECTRIC EVERSOURCE
- COMMUNICATIONS CONSOLIDATED COMM/FAIRPOINT/COMCAST
- ALL WATER MAIN INSTALLATIONS SHALL BE CLASS 52, CEMENT LINED DUCTILE IRON PIPE. 3. ALL WATER MAIN INSTALLATIONS SHALL BE PRESSURE TESTED AND CHLORINATED AFTER CONSTRUCTION PRIOR TO ACTIVATING THE SYSTEM. CONTRACTOR SHALL COORDINATE CHLORINATION AND TESTING WITH THE _ WATER DEPARTMENT.
- 4. ALL SEWER PIPE SHALL BE PVC SDR 35 UNLESS OTHERWISE STATED.
- 5. CONNECTION TO EXISTING WATER MAIN SHALL BE CONSTRUCTED TO $_$ STANDARDS.
- 6. EXISTING UTILITIES TO BE REMOVED SHALL BE CAPPED AT THE MAIN AND MEET THE
- DEPARTMENT OF PUBLIC WORKS STANDARDS FOR CAPPING OF WATER AND SEWER SERVICES. ALL ELECTRICAL MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRIC
- CODE, LATEST EDITION, AND ALL APPLICABLE STATE AND LOCAL CODES. 8. THE EXACT LOCATION OF NEW UTILITY SERVICES AND CONNECTIONS SHALL BE
- COORDINATED WITH THE BUILDING DRAWINGS AND THE APPLICABLE UTILITY COMPANIES. 9. ALL UNDERGROUND CONDUITS SHALL HAVE NYLON PULL ROPES TO FACILITATE PULLING
- CABLES. 10. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MANHOLES, BOXES, FITTINGS, CONNECTORS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER INSTALLATION OF UTILITIES COMPLETE AND
- OPERATIONAL. 11. CONTRACTOR SHALL PROVIDE EXCAVATION, BEDDING, BACKFILL AND COMPACTION FOR NATURAL GAS SERVICES.
- 12. A 10-FOOT MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN ALL WATER AND SANITARY SEWER LINES. AN 18-INCH MINIMUM OUTSIDE TO OUTSIDE VERTICAL SEPARATION SHALL BE PROVIDED AT ALL WATER/SANITARY SEWER CROSSINGS.
- 13. SAW CUT AND REMOVE PAVEMENT AND CONSTRUCT PAVEMENT TRENCH PATCH FOR ALL PROPOSED UTILITIES LOCATED IN EXISTING PAVEMENT AREAS TO REMAIN
- 14. HYDRANTS, GATE VALVES, FITTINGS, ETC. SHALL MEET THE REQUIREMENTS OF THE CITY OF PORTSMOUTH.
- 15. COORDINATE TESTING OF SEWER CONSTRUCTION WITH THE CITY OF PORTSMOUTH.
- 16. ALL SEWER PIPE WITH LESS THAN 6' OF COVER IN PAVED AREAS OR LESS THAT 4' OF COVER IN UNPAVED AREAS SHALL BE INSULATED.
- 17. CONTRACTOR SHALL COORDINATE ALL ELECTRIC WORK INCLUDING BUT NOT LIMITED TO: CONDUIT CONSTRUCTION, MANHOLE CONSTRUCTION, UTILITY POLE CONSTRUCTION, OVERHEAD WIRE RELOCATION, AND TRANSFORMER CONSTRUCTION WITH POWER COMPANY.
- 18. SITE LIGHTING SPECIFICATIONS, CONDUIT LAYOUT AND CIRCUITRY FOR PROPOSED SITE LIGHTING AND SIGN ILLUMINATION SHALL BE PROVIDED BY THE PROJECT ELECTRICAL ENGINEER.
- 19. CONTRACTOR SHALL CONSTRUCT ALL UTILITIES AND DRAINS TO WITHIN 10' OF THE FOUNDATION WALLS AND CONNECT THESE TO SERVICE STUBS FROM THE BUILDING.

LANDSCAPE NOTES:

- THE CONTRACTOR SHALL FURNISH AND PLANT ALL PLANTS IN QUANTITIES AS SHOWN ON THIS PLAN. NO SUBSTITUTIONS WILL BE PERMITTED UNLESS APPROVED BY OWNER. ALL PLANTS SHALL BE NURSERY GROWN.
- TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS, INCLUDING BUT NOT LANDSCAPE ARCHITECT PRIOR TO ARRIVAL ON-SITE AND AFTER PLANTING.
- 3. PLANT STOCK SHALL BE GROWN WITHIN THE HARDINESS ZONES 4 THRU 7 ESTABLISHED BY THE PLANT HARDINESS ZONE MAP, MISCELLANEOUS PUBLICATIONS NO. 814, AGRICULTURAL RESEARCH SERVICE, UNITED STATES DEPARTMENT AGRICULTURE, LATEST REVISION.
- 4. PLANT MATERIAL SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS TO THE ORIGINAL PLANTING GRADE PRIOR TO DIGGING.
- ON THE PLAN IS FOR THE CONTRACTOR'S CONVENIENCE ONLY. IF A DISCREPANCY EXISTS BETWEEN THE NUMBER OF PLANTS ON THE LABEL AND THE NUMBER OF SYMBOLS SHOWN ON THE DRAWINGS, THE GREATER NUMBER SHALL APPLY.

- 6. NO SUBSTITUTION OF PLANT MATERIALS WILL BE ALLOWED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL LOCATE, VERIFY AND MARK ALL EXISTING AND NEWLY INSTALLED UNDERGROUND UTILITIES PRIOR TO ANY LAWN WORK OR PLANTING. ANY CONFLICTS WHICH MIGHT OCCUR BETWEEN PLANTING AND UTILITIES SHALL IMMEDIATELY BE REPORTED TO THE OWNER SO THAT ALTERNATE PLANTING LOCATIONS CAN BE DETERMINED.
- 8. ALL DISTURBED AREAS NOT TO BE PAVED OR OTHERWISE TREATED, SHALL RECEIVE 6" OF LOAM AND SEED. NO FILL SHALL BE PLACED IN ANY WETLAND AREA.
- THREE INCHES (3") OF BARK MULCH IS TO BE USED AROUND THE TREE AND SHRUB PLANTING AS SPECIFIED IN THE DETAILS. WHERE BARK MULCH IS TO BE USED IN A CURBED ISLAND THE BARK MULCH SHALL MEET THE TOP INSIDE EDGE OF THE CURB. ALL OTHER AREAS SHALL RECEIVE 6" INCHES OF LOAM AND SEED.
- 10. LANDSCAPING SHALL BE LOCATED WITHIN 150 FT OF EXTERIOR HOSE ATTACHMENT OR SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM.
- 11. SEE PLANTING DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SHRUBS AND OTHER WOOD PLANT MAINTENANCE STANDARD PRACTICES.

- 12. TREE STAKES SHALL REMAIN IN PLACE FOR NO LESS THAN 6 MONTHS AND NO MORE THAN 1
- 13. PLANTING SHALL BE COMPLETED FROM APRIL 15TH THROUGH OCTOBER 1ST. NO PLANTING DURING JULY AND AUGUST UNLESS SPECIAL PROVISIONS ARE MADE FOR DROUGHT. 14. PARKING AREA PLANTED ISLANDS TO HAVE MINIMUM OF 1'-0" TOPSOIL PLACED TO WITHIN 3
- PLACING TOPSOIL 15. TREES SHALL BE PRUNED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI A300 'TREES,

INCHES OF THE TOP OF CURB ELEVATION. REMOVE ALL CONSTRUCTION DEBRIS BEFORE

- 16. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL BE WATERED WEEKLY, OR MORE OFTEN, IF NECESSARY DURING THE FIRST GROWING SEASON. LANDSCAPE CONTRACTOR SHALL COORDINATE WATERING SCHEDULE WITH OWNER DURING THE ONE (1) YEAR GUARANTEE PERIOD.
- 17. EXISTING TREES AND SHRUBS SHOWN ON THE PLAN ARE TO REMAIN UNDISTURBED. ALL EXISTING TREES AND SHRUBS SHOWN TO REMAIN ARE TO BE PROTECTED WITH A 4-FOOT SNOW FENCE PLACED AT THE DRIP LINE OF THE BRANCHES OR AT 8 FEET MINIMUM FROM THE TREE TRUNK. ANY EXISTING TREE OR SHRUB SHOWN TO REMAIN, WHICH IS REMOVED DURING CONSTRUCTION, SHALL BE REPLACED BY A TREE OF COMPARABLE SIZE AND SPECIES
- THE CONTRACTOR SHALL GUARANTEE ALL PLANTINGS TO BE IN GOOD HEALTHY, FLOURISHING AND ACCEPTABLE CONDITION FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF ACCEPTANCE OF SUBSTANTIAL COMPLETION, ALL GRASSES, TREES AND SHRUBS THAT, IN THE OPINION OF THE LANDSCAPE ARCHITECT, SHOW LESS THAN 80% HEALTHY GROWTH AT THE END OF ONE YEAR PERIOD SHALL BE REPLACED BY THE
- 19. UPON EXPIRATION OF THE CONTRACTOR'S ONE YEAR GUARANTEE PERIOD, THE OWNER SHALL BE RESPONSIBLE FOR LANDSCAPE MAINTENANCE INCLUDING WATERING DURING PERIODS OF
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PLANTING AND LAWNS AGAINST DAMAGE FROM ONGOING CONSTRUCTION. THIS PROTECTION SHALL BEGIN AT THE TIME THE PLANT IS INSTALLED AND CONTINUE UNTIL THE FORMAL ACCEPTANCE OF ALL THE
- 21. PRE-PURCHASE PLANT MATERIAL AND ARRANGE FOR DELIVERY TO MEET PROJECT SCHEDULE AS REQUIRED IT MAY BE NECESSARY TO PRE-DIG CERTAIN SPECIES WELL IN ADVANCE OF ACTUAL PLANTING DATES.

EXISTING CONDITIONS PLAN NOTES:

 EXISTING CONDITIONS ARE BASED ON A FIELD SURVEY BY AMBIT ENGINEERING, INC. DATED 01/26/2023.

ABBREVIATIONS

BLDG

TYP

COORD

30'R

VGC

SGC

FGC

TC

BC

HDPE

FF

VIF

____ 29.50

___ 30.50

TO BE REMOVED

BUILDING

COORDINATE

CURB RADIUS

TOP OF CURB

FINISH FLOOR

VERIFY IN FIELD

BOTTOM OF CURB

VERTICAL GRANITE CURB

HIGH-DENSITY POLYETHYLENE

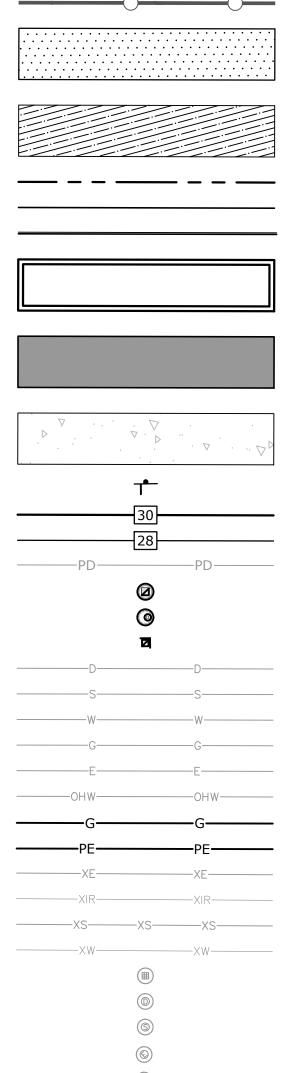
SLOPED GRANITE CURB

PROPOSED SPOT GRADE

EXISTING SPOT GRADE

FLUSH GRANITE CURB

TYPICAL



Tighe&Bond

PROPOSED SAWCUT LIMIT OF WORK PROPOSED SILT SOCK

LEGEND

APPROXIMATE LIMIT OF PAVEMENT TO BE

APPROXIMATE LIMIT OF EXISTING GRAVEL TO BE REMOVED

EXISTING PROPERTY LINE PROPOSED EDGE OF PAVEMENT PROPOSED CURB

PROPOSED BUILDING

PROPOSED PAVEMENT SECTION

PROPOSED CONCRETE SIDEWALK

PROPOSED SIGN PROPOSED MAJOR CONTOUR LINE PROPOSED MINOR CONTOUR LINE PROPOSED DRAIN LINE (TYP)

PROPOSED CATCHBASIN PROPOSED DRAIN MANHOLE PROPOSED YARD DRAIN EXISTING STORM DRAIN

EXISTING SANITARY SEWER EXISTING WATER EXISTING GAS EXISTING UNDERGROUND ELECTRIC EXISTING OVERHEAD UTILITY

> PROPOSED GAS PROPOSED UNDERGROUND ELECTRIC APPROXIMATE EXISTING ELECTRIC APPROXIMATE EXISTING IRRIGATION APPROXIMATE EXISTING SEWER

APPROXIMATE EXISTING WATER EXISTING CATCHBASIN EXISTING DRAIN MANHOLE **EXISTING SEWER MANHOLE** ERPS ARE PERESTRATE VIFANHOLE

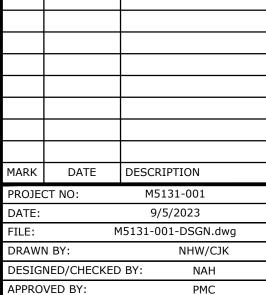
EXISTING TELEPHONE MANHOLE

PROPOSED WATER VALVE

PROPOSED DEVELOPMENT

PROSPECT **NORTH 815**

815 LAFAYETTE ROAD PORTSMOUTH, NEW HAMPSHIRE



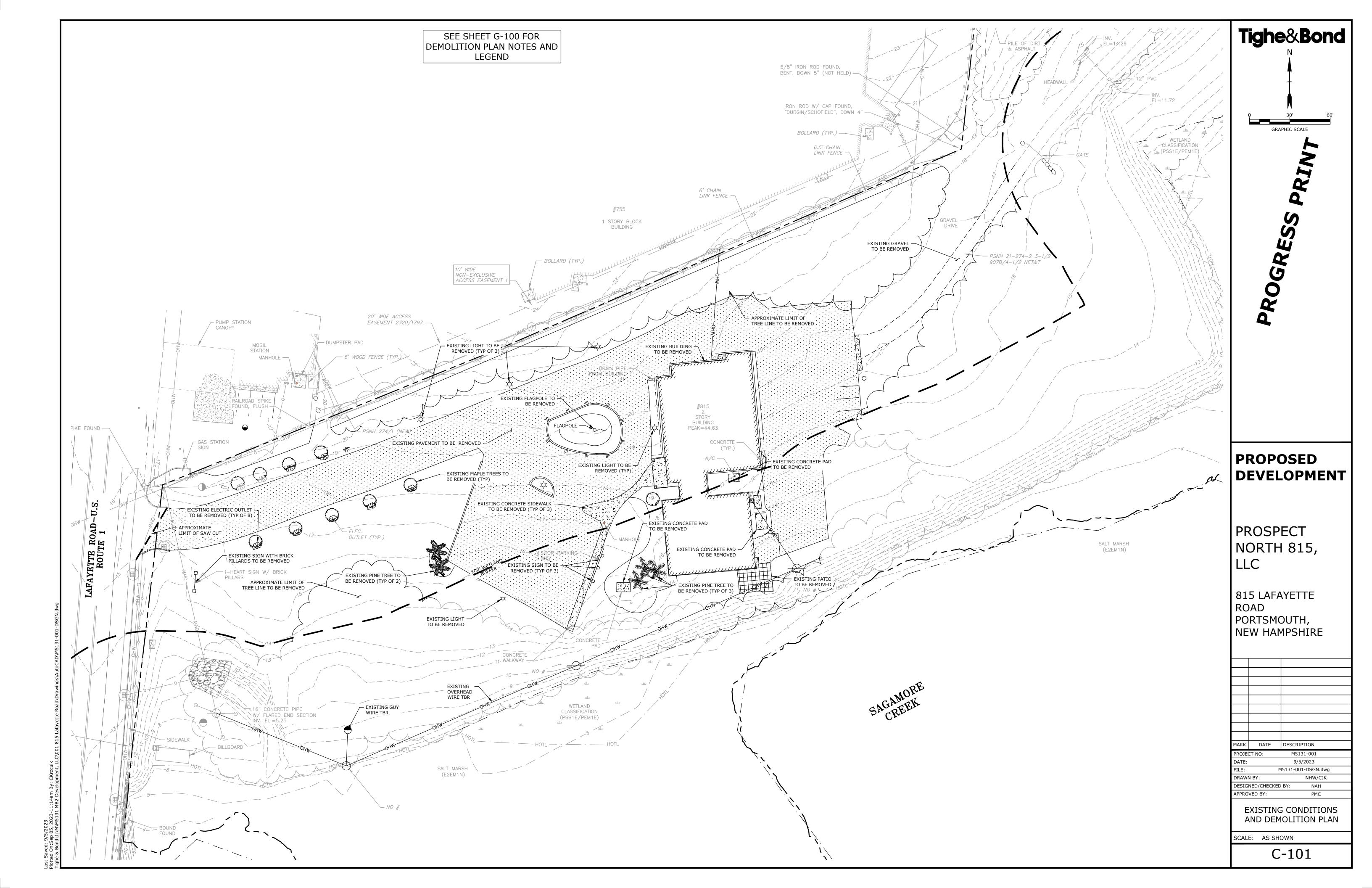
GENERAL NOTES

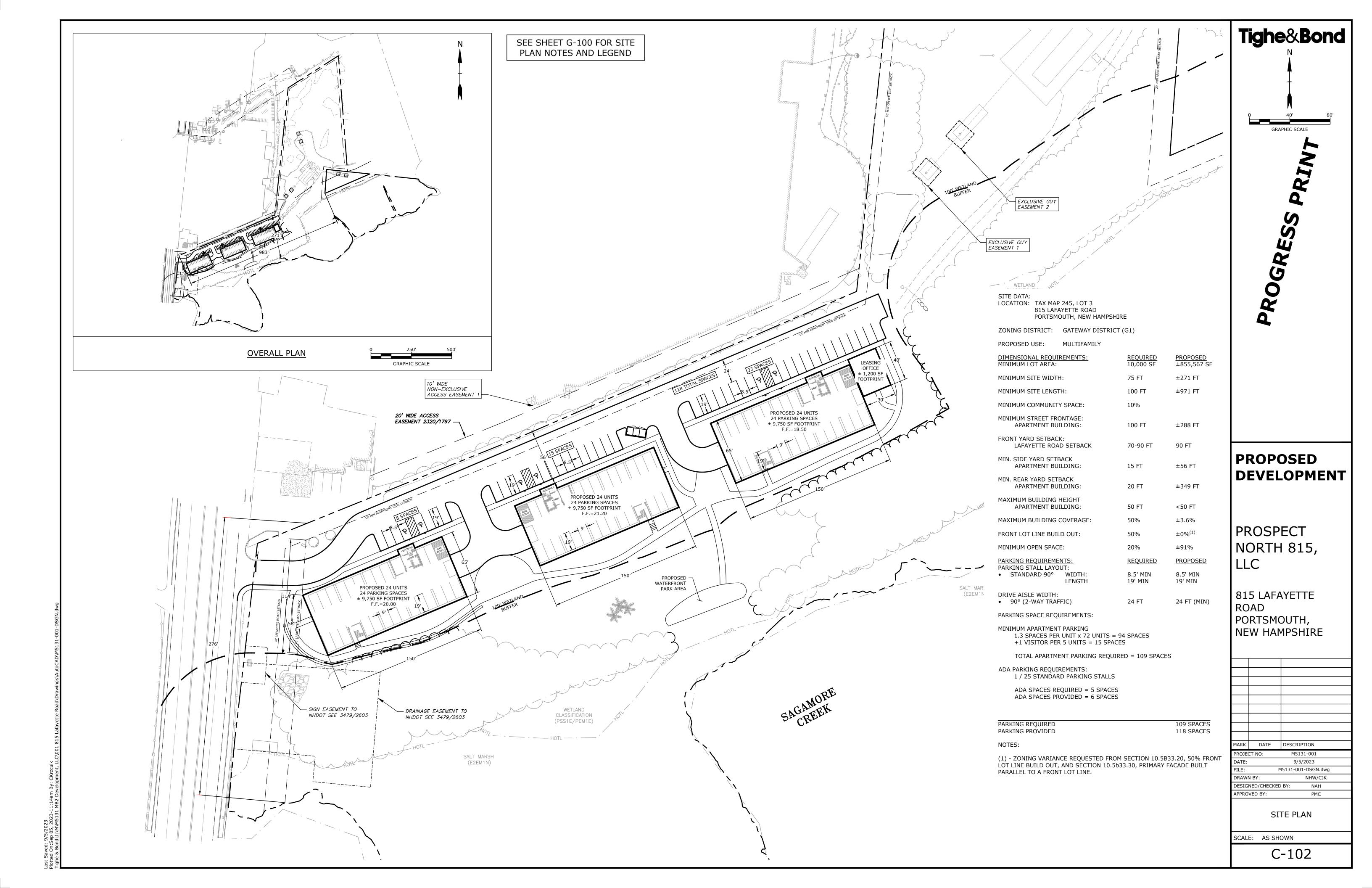
G-100

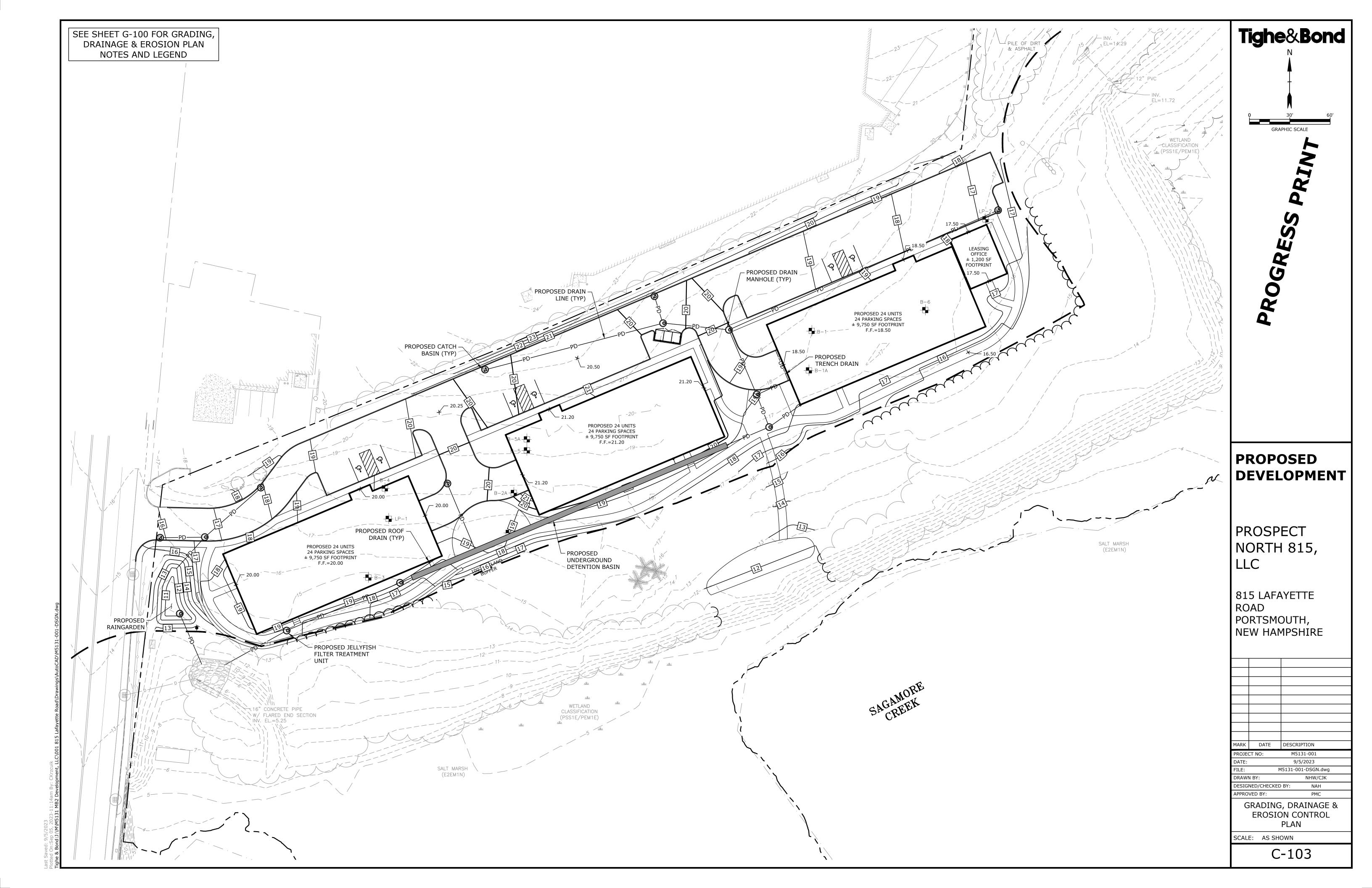
SCALE: AS SHOWN

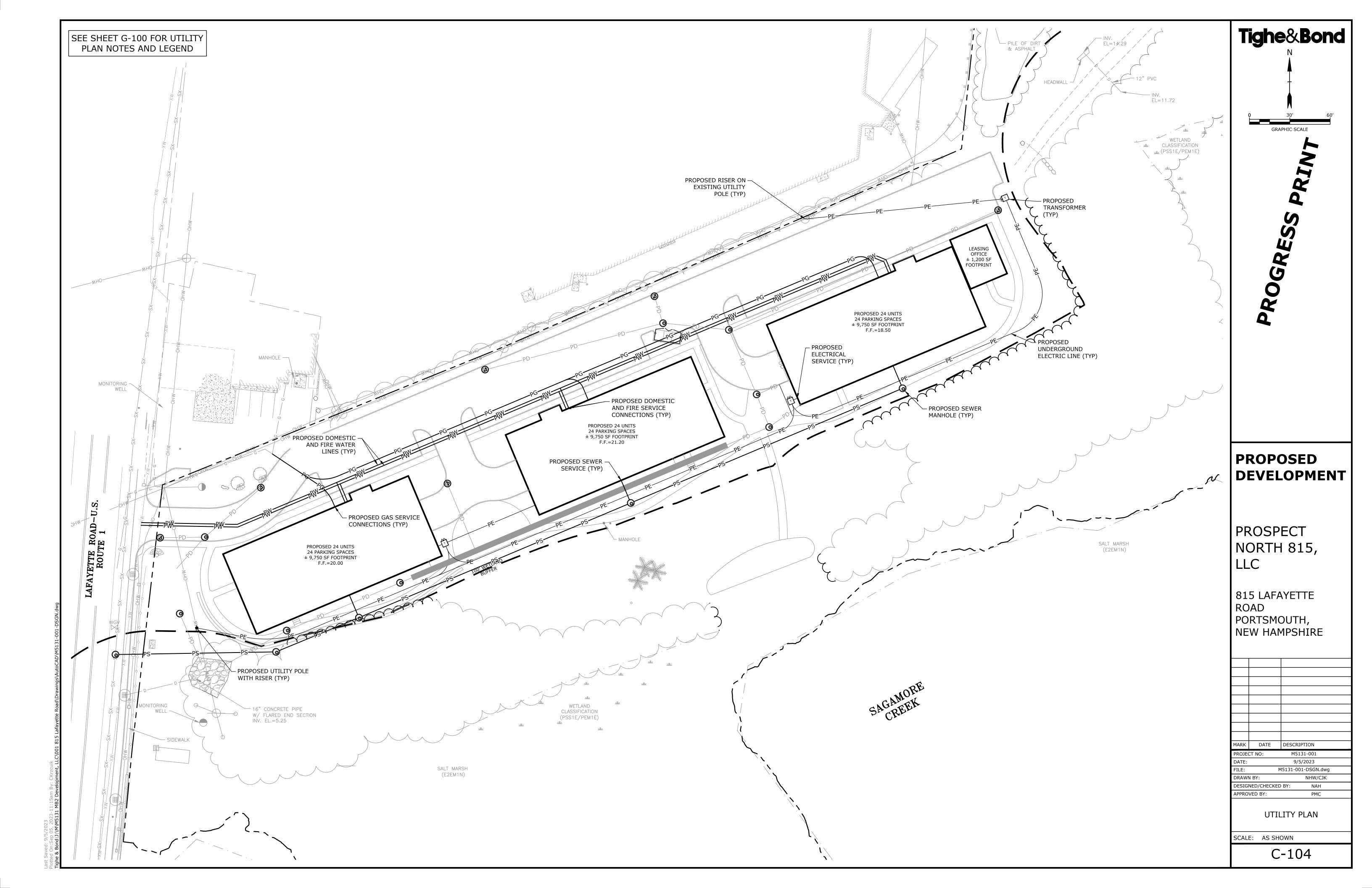
ALL PLANTS SHALL BE NURSERY GROWN AND PLANTS AND WORKMANSHIP SHALL CONFORM LIMITED TO SIZE, HEALTH, SHAPE, ETC., AND SHALL BE SUBJECT TO THE APPROVAL OF THE

5. THE NUMBER OF EACH INDIVIDUAL PLANT TYPE AND SIZE PROVIDED IN THE PLANT LIST OR









PROJECT APPLICANT: PROSPECT NORTH 815, LLC PROJECT NAME: PROPOSED DEVELOPMENT

PROJECT ADDRESS: 815 LAFAYETTE ROAD, PORTSMOUTH NH

PROJECT MAP / LOT: TAX MAP 314, LOT 2 PROJECT LATITUDE: 43°-03'-06.32"N

PROJECT LONGITUDE: 70°-46'-07.81"W

PROJECT DESCRIPTION

THE PROPOSED PROJECT CONSISTS OF REDEVELOPING THE EXISTING WHEB SITE TO A MULTI-FAMILY HOUSING SITE. THE SITE WILL CONSIST OF THREE PRIMARY BUILDING, ALL HAVING A SQUARE FOOTAGE 9,750 SF WITH 24 DWELLING UNITS IN EACH.

DISTURBED AREA

THE TOTAL AREA TO BE DISTURBED IS APPROXIMATELY 2.90 ACRES.

SOIL CHARACTERISTICS

BASED ON THE NRCS WEB SOIL SURVEY FOR STRAFFORD COUNTY - NEW HAMPSHIRE, THE SOILS ON SITE CONSIST OF URBAN LAND-CANTON GRAVELLY FINE SANDY LOAM SOILS WHICH HAVE A FAST INFILTRATION RATE WHEN THOROUGHLY WET. THESE SOILS HAVE A HYDROLOGIC SOIL GROUP RATING OF D.

NAME OF RECEIVING WATERS

THE STORM WATER RUNOFF WILL ULTIMATELY DISCHARGE INTO THE SAGAMORE CREEK TO THE SOUTH OF THE SITE.

CONSTRUCTION SEQUENCE OF MAJOR ACTIVITIES:

- CUT AND CLEAR TREES.
- CONSTRUCT TEMPORARY AND PERMANENT SEDIMENT, EROSION AND DETENTION CONTROL FACILITIES. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATIONS THAT WILL INFLUENCE STORMWATER RUNOFF SUCH
- NEW CONSTRUCTION
- NEARNESS OF CONSTRUCTION SITE TO RECEIVING WATERS
- CONSTRUCTION DURING LATE WINTER AND EARLY SPRING
- ALL PERMANENT DITCHES, SWALES, DETENTION, RETENTION AND SEDIMENTATION BASINS TO BE STABILIZED USING THE VEGETATIVE AND NON-STRUCTURAL BMPS PRIOR TO DIRECTING RUNOFF TO THEM.
- CLEAR AND DISPOSE OF DEBRIS
- CONSTRUCT TEMPORARY CULVERTS AND DIVERSION CHANNELS AS REQUIRED GRADE AND GRAVEL ROADWAYS AND PARKING AREAS - ALL ROADS AND PARKING AREA
- SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, PERIMETER
- EROSION CONTROL MEASURES, SEDIMENT TRAPS, ETC., MULCH AND SEED AS REQUIRED. SEDIMENT TRAPS AND/OR BASINS SHALL BE USED AS NECESSARY TO CONTAIN RUNOFF UNTIL SOILS ARE STABILIZED.
- 10. FINISH PAVING ALL ROADWAYS AND PARKING LOTS.
- 11. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES.
- 12. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 13. REMOVE TRAPPED SEDIMENTS FROM COLLECTOR DEVICES AS APPROPRIATE AND THEN REMOVE TEMPORARY EROSION CONTROL MEASURES.

SPECIAL CONSTRUCTION NOTES:

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

- ALL EROSION CONTROL MEASURES AND PRACTICES SHALL CONFORM TO THE "NEW HAMPSHIRE STORMWATER MANUAL VOLUME 3: EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION" PREPARED BY THE NHDES
- PRIOR TO ANY WORK OR SOIL DISTURBANCE, CONTRACTOR SHALL SUBMIT SHOP
- DRAWINGS FOR EROSION CONTROL MEASURES AS REQUIRED IN THE PROJECT MANUAL. CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL BARRIERS, INCLUDING HAY BALES, SILT FENCES, MULCH BERMS, SILT SACKS AND SILT SOCKS AS SHOWN IN THESE DRAWINGS AS THE FIRST ORDER OF WORK.
- . SILT SACK INLET PROTECTION SHALL BE INSTALLED IN ALL EXISTING AND PROPOSED CATCH BASIN INLETS WITHIN THE WORK LIMITS AND BE MAINTAINED FOR THE DURATION OF THE PROJECT.
- PERIMETER CONTROLS INCLUDING SILT FENCES, MULCH BERM, SILT SOCK, AND/OR HAY BALE BARRIERS 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 FERTILIZER. INSPECT ALL INLET PROTECTION AND PERIMETER CONTROLS WEEKLY AND AFTER EACH RAIN STORM OF 0.25 INCH OR GREATER. REPAIR/MODIFY PROTECTION AS NECESSARY TO MAXIMIZE EFFICIENCY OF FILTER. REPLACE ALL FILTERS WHEN SEDIMENT IS 1/3 THE FILTER
- CONSTRUCT EROSION CONTROL BLANKETS ON ALL SLOPES STEEPER THAN 3:1.

STABILIZATION:

- AN AREA SHALL BE CONSIDERED STABLE WHEN ONE OF THE FOLLOWING HAS OCCURRED: A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
- B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
- C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN
- INSTALLED; D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.;
- E. IN AREAS TO BE PAVED, "STABLE" MEANS THAT BASE COURSE GRAVELS MEETING THE REQUIREMENTS OF NHDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION, 2016,
- ITEM 304.2 HAVE BEEN INSTALLED. WINTER STABILIZATION PRACTICES:
- A. ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER 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 EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS
- APPROPRIATE FOR THE DESIGN FLOW CONDITIONS; AFTER OCTOBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3, OR IF CONSTRUCTION IS TO
- CONTINUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT; STABILIZATION SHALL BE INITIATED ON ALL LOAM STOCKPILES, AND DISTURBED AREAS, WHERE CONSTRUCTION ACTIVITY SHALL NOT OCCUR FOR MORE THAN TWENTY-ONE (21) CALENDAR DAYS BY THE FOURTEENTH (14TH) DAY AFTER CONSTRUCTION ACTIVITY HAS

PERMANENTLY OR TEMPORARILY CEASED IN THAT AREA. STABILIZATION MEASURES TO BE

A. TEMPORARY SEEDING;

USED INCLUDE:

B. MULCHING. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

- 5. WHEN CONSTRUCTION ACTIVITY PERMANENTLY OR TEMPORARILY CEASES WITHIN 100 FEET OF NEARBY SURFACE WATERS OR DELINEATED WETLANDS, THE AREA SHALL BE STABILIZED WITHIN SEVEN (7) DAYS OR PRIOR TO A RAIN EVENT. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN THESE AREAS, SILT FENCES, MULCH BERMS, HAY BALE BARRIERS AND ANY EARTH/DIKES SHALL BE REMOVED ONCE PERMANENT MEASURES ARE
- 6. 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, MULCH BERMS, HAY BALE BARRIERS, OR SILT SOCKS. ALL STORM DRAIN BASIN INLETS SHALL BE PROVIDED WITH FLARED END SECTIONS AND TRASH RACKS. THE SITE SHALL BE STABILIZED FOR THE WINTER BY NOVEMBER 15.

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST THROUGHOUT THE
- CONSTRUCTION PERIOD. 2. DUST CONTROL METHODS SHALL INCLUDE, BUT BE NOT LIMITED TO SPRINKLING WATER ON EXPOSED AREAS, COVERING LOADED DUMP TRUCKS LEAVING THE SITE, AND TEMPORARY MULCHING.
- 3. DUST CONTROL MEASURES SHALL BE UTILIZED SO AS TO PREVENT THE MIGRATION OF DUST FROM THE SITE TO ABUTTING AREAS.

- LOCATE STOCKPILES A MINIMUM OF 50 FEET AWAY FROM CATCH BASINS, SWALES, AND
- ALL STOCKPILES SHOULD BE SURROUNDED WITH TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE ONSET OF PRECIPITATION
- 3. PERIMETER BARRIERS SHOULD BE MAINTAINED AT ALL TIMES, AND ADJUSTED AS NEEDED TO ACCOMMODATE THE DELIVERY AND REMOVAL OF MATERIALS FROM THE STOCKPILE. THE INTEGRITY OF THE BARRIER SHOULD BE INSPECTED AT THE END OF EACH WORKING DAY.
- 4. PROTECT ALL STOCKPILES FROM STORMWATER RUN-OFF USING TEMPORARY EROSION CONTROL MEASURES SUCH AS BERMS, SILT SOCK, OR OTHER APPROVED PRACTICE TO PREVENT MIGRATION OF MATERIAL BEYOND THE IMMEDIATE CONFINES OF THE STOCKPILES.

1. THE CONTRACTOR SHALL CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE(S) PRIOR TO ANY EXCAVATION ACTIVITIES.

1. TEMPORARY GRASS COVER:

- A. SEEDBED PREPARATION: a. APPLY FERTILIZER AT THE RATE OF 600 POUNDS PER ACRE OF 10-10-10. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AT A
 - RATE OF THREE (3) TONS PER ACRE;
- a. UTILIZE ANNUAL RYE GRASS AT A RATE OF 40 LBS/ACRE; b. WHERE THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN
- SOIL TO A DEPTH OF TWO (2) INCHES BEFORE APPLYING FERTILIZER, LIME AND SEED; c. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). HYDROSEEDINGS, WHICH INCLUDE MULCH, MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10% WHEN

HYDROSEEDING; C. MAINTENANCE:

a. TEMPORARY SEEDING SHALL BE PERIODICALLY INSPECTED. AT A MINIMUM, 95% OF THE SOIL SURFACE SHOULD BE COVERED BY VEGETATION. IF ANY EVIDENCE OF EROSION OR SEDIMENTATION IS APPARENT, REPAIRS SHALL BE MADE AND OTHER TEMPORARY MEASURES USED IN THE INTERIM (MULCH, FILTER BARRIERS, CHECK DAMS, ETC.).

2. VEGETATIVE PRACTICE:

- A. FOR PERMANENT MEASURES AND PLANTINGS: a. LIMESTONE SHALL BE THOROUGHLY INCORPORATED INTO THE LOAM LAYER AT A RATE OF THREE (3) TONS PER ACRE IN ORDER TO PROVIDE A PH VALUE OF 5.5 TO 7.6;
- b. FERTILIZER SHALL BE SPREAD ON THE TOP LAYER OF LOAM AND WORKED INTO THE SURFACE. FERTILIZER APPLICATION RATE SHALL BE 800 POUNDS PER ACRE OF 10-20-20 FERTILIZER;
- c. SOIL CONDITIONERS AND FERTILIZER SHALL BE APPLIED AT THE RECOMMENDED RATES AND SHALL BE THOROUGHLY WORKED INTO THE LOAM. LOAM SHALL BE RAKED UNTIL THE SURFACE IS FINELY PULVERIZED, SMOOTH AND EVEN, AND THEN COMPACTED TO AN EVEN SURFACE CONFORMING TO THE REQUIRED LINES AND GRADES WITH APPROVED ROLLERS WEIGHING BETWEEN 4-1/2 POUNDS AND 5-1/2 POUNDS PER INCH OF WIDTH;
- d. SEED SHALL BE SOWN AT THE RATE SHOWN BELOW. SOWING SHALL BE DONE ON A CALM, DRY DAY, PREFERABLY BY MACHINE, BUT IF BY HAND, ONLY BY EXPERIENCED WORKMEN. IMMEDIATELY BEFORE SEEDING, THE SOIL SHALL BE LIGHTLY RAKED. ONE HALF THE SEED SHALL BE SOWN IN ONE DIRECTION AND THE OTHER HALF AT RIGHT ANGLES TO THE ORIGINAL DIRECTION. IT SHALL BE LIGHTLY RAKED INTO THE SOIL TO A DEPTH NOT OVER 1/4 INCH AND ROLLED WITH A HAND ROLLER WEIGHING NOT OVER 100 POUNDS PER LINEAR FOOT OF WIDTH;
- e. HAY MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING AS INDICATED ABOVE; f. THE SURFACE SHALL BE WATERED AND KEPT MOIST WITH A FINE SPRAY AS REQUIRED, WITHOUT WASHING AWAY THE SOIL, UNTIL THE GRASS IS WELL ESTABLISHED. ANY AREAS WHICH ARE NOT SATISFACTORILY COVERED WITH GRASS SHALL BE RESEEDED,
- AND ALL NOXIOUS WEEDS REMOVED; g. THE CONTRACTOR SHALL PROTECT AND MAINTAIN THE SEEDED AREAS UNTIL ACCEPTED;
- h. A GRASS SEED MIXTURE CONTAINING THE FOLLOWING SEED REQUIREMENTS SHALL BE APPLIED AT THE INDICATED RATE:

SEED MIX APPLICATION RATE CREEPING RED FESCUE 20 LBS/ACRE TALL FESCUE 20 LBS/ACRE

- 2 LBS/ACRE IN NO CASE SHALL THE WEED CONTENT EXCEED ONE (1) PERCENT BY WEIGHT. ALL SEED SHALL COMPLY WITH STATE AND FEDERAL SEED LAWS. SEEDING SHALL BE DONE
- NO LATER THAN SEPTEMBER 15. IN NO CASE SHALL SEEDING TAKE PLACE OVER SNOW. 3. DORMANT SEEDING (SEPTEMBER 15 TO FIRST SNOWFALL):
- A. FOLLOW PERMANENT MEASURES SLOPE, LIME, FERTILIZER AND GRADING REQUIREMENTS. APPLY SEED MIXTURE AT TWICE THE INDICATED RATE. APPLY MULCH AS INDICATED FOR PERMANENT MEASURES.

CONCRETE WASHOUT AREA:

- THE FOLLOWING ARE THE ONLY NON-STORMWATER DISCHARGES ALLOWED. ALL OTHER NON-STORMWATER DISCHARGES ARE PROHIBITED ON SITE:
- A. THE CONCRETE DELIVERY TRUCKS SHALL, WHENEVER POSSIBLE, USE WASHOUT FACILITIES AT THEIR OWN PLANT OR DISPATCH FACILITY; B. IF IT IS NECESSARY, SITE CONTRACTOR SHALL DESIGNATE SPECIFIC WASHOUT AREAS
- AND DESIGN FACILITIES TO HANDLE ANTICIPATED WASHOUT WATER; C. CONTRACTOR SHALL LOCATE WASHOUT AREAS AT LEAST 150 FEET AWAY FROM STORM
- DRAINS, SWALES AND SURFACE WATERS OR DELINEATED WETLANDS; D. INSPECT WASHOUT FACILITIES DAILY TO DETECT LEAKS OR TEARS AND TO IDENTIFY WHEN MATERIALS NEED TO BE REMOVED.

ALLOWABLE NON-STORMWATER DISCHARGES:

- FIRE-FIGHTING ACTIVITIES;
- FIRE HYDRANT FLUSHING; 3. WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED;
- 4. WATER USED TO CONTROL DUST;
- 5. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHING; 6. ROUTINE EXTERNAL BUILDING WASH DOWN WHERE DETERGENTS ARE NOT USED;
- 7. PAVEMENT WASH WATERS WHERE DETERGENTS ARE NOT USED; 8. UNCONTAMINATED AIR CONDITIONING/COMPRESSOR CONDENSATION;
- 9. UNCONTAMINATED GROUND WATER OR SPRING WATER;
- 10. FOUNDATION OR FOOTING DRAINS WHICH ARE UNCONTAMINATED; 11. LANDSCAPE IRRIGATION.

WASTE 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 BURIED ON SITE; C. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL BY THE SUPERINTENDENT.
- HAZARDOUS WASTE: A. ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED
- BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER; B. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES BY THE SUPERINTENDENT
- A. ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

DISPOSAL OF MATERIALS;

- 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 PRACTICES OUTLINED BELOW.
- 2. THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION TO STORMWATER RUNOFF:
- A. GOOD HOUSEKEEPING THE FOLLOWING GOOD HOUSEKEEPING PRACTICE SHALL BE FOLLOWED ON SITE DURING CONSTRUCTION:

a. ONLY SUFFICIENT AMOUNTS OF PRODUCTS TO DO THE JOB SHALL BE STORED ON

- b. ALL 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 ENCLOSURE; c. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE
- d. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND
- e. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER;
- f. WHENEVER POSSIBLE ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF
- HAZARDOUS PRODUCTS THE FOLLOWING PRACTICES SHALL BE USED TO REDUCE THE
- RISKS ASSOCIATED WITH HAZARDOUS MATERIALS: g. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT
- h. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED FOR IMPORTANT
- SURPLUS PRODUCT THAT MUST BE DISPOSED OF SHALL BE DISCARDED ACCORDING TO THE MANUFACTURER'S RECOMMENDED METHODS OF DISPOSAL
- C. PRODUCT SPECIFIC PRACTICES THE FOLLOWING PRODUCT SPECIFIC PRACTICES SHALL BE FOLLOWED ON SITE:
- a. PETROLEUM PRODUCTS ALL ON SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR
- PREVENTIVE MAINTENANCE TO REDUCE LEAKAGE; PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT BASED SUBSTANCES USED ON SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- b. FERTILIZERS: FERTILIZERS USED SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNTS DIRECTED
- BY THE SPECIFICATIONS; ONCE APPLIED FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE
- STORAGE SHALL BE IN A COVERED SHED OR ENCLOSED TRAILERS. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
- c. PAINTS: ALL CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED
- EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM;
- EXCESS PAINT SHALL BE DISPOSED OF PROPERLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS. D. SPILL CONTROL PRACTICES - IN ADDITION TO GOOD HOUSEKEEPING AND MATERIAL
- MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTION, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: a. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE
- LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES; b. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS SHALL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST AND PLASTIC OR METAL TRASH CONTAINERS SPECIFICALLY
- FOR THIS PURPOSE; c. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY AND REPORTED TO PEASE DEVELOPMENT AUTHORITY;
- d. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE;
- e. SPILLS OF TOXIC OR HAZARDOUS MATERIAL SHALL BE REPORTED TO THE APPROPRIATE LOCAL, STATE OR FEDERAL AGENCIES AS REQUIRED; f. THE SITE SUPERINTENDENT RESPONSIBLE FOR DAY-TO-DAY SITE OPERATIONS SHALL
- E. VEHICLE FUELING AND MAINTENANCE PRACTICE: a. CONTRACTOR SHALL MAKE AN EFFORT TO PERFORM EQUIPMENT/VEHICLE FUELING AND MAINTENANCE AT AN OFF-SITE FACILITY:

b. CONTRACTOR SHALL PROVIDE AN ON-SITE FUELING AND MAINTENANCE AREA THAT IS

CLEAN AND DRY; c. IF POSSIBLE THE CONTRACTOR SHALL KEEP AREA COVERED;

BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.

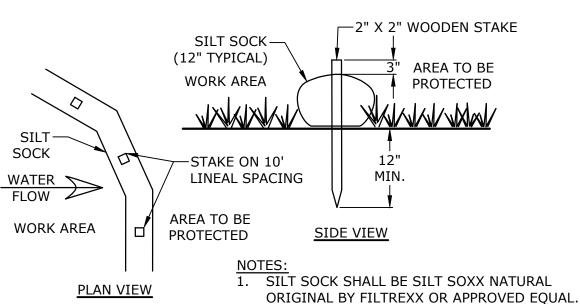
- d. CONTRACTOR SHALL KEEP A SPILL KIT AT THE FUELING AND MAINTENANCE AREA;
- e. CONTRACTOR SHALL REGULARLY INSPECT VEHICLES FOR LEAKS AND DAMAGE; CONTRACTOR SHALL USE DRIP PANS, DRIP CLOTHS, OR ABSORBENT PADS WHEN REPLACING SPENT FLUID.

THIS PROJECT EXCEEDS ONE (1) ACRE OF DISTURBANCE AND THUS REQUIRES A SWPPP.

EROSION CONTROL OBSERVATIONS AND MAINTENANCE PRACTICES

- THE FOLLOWING REPRESENTS THE GENERAL OBSERVATION AND REPORTING PRACTICES THAT SHALL BE FOLLOWED AS PART OF THIS PROJECT:
- 1. AN OBSERVATION REPORT SHALL BE MADE AFTER EACH OBSERVATION AND DISTRIBUTED TO THE ENGINEER, THE OWNER, AND THE CONTRACTOR; 2. A REPRESENTATIVE OF THE SITE CONTRACTOR, SHALL BE RESPONSIBLE FOR MAINTENANCE
- AND REPAIR ACTIVITIES; IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF REPORT;
- 4. AN NPDES NOTICE OF INTENT SHALL BE SUBMITTED.

PROPOSED



1. CONCRETE WASHOUT SHALL BE "JESCRAFT" STACKABLE CONCRETE

2. INSTALL AND MAINTAIN CONCRETE WASHOUT IN ACCORDANCE WITH

3. CONCRETE WASHOUT SHALL NOT BE PLACED WITHIN 100' WETLAND

CONCRETE WASHOUT DETAIL

B"(MIN) PAVEMEN

OR EQUAL

STABILIZED CONSTRUCTION EXIT

1. THE ENTRANCE SHALL BE

CONDITION WHICH WILL

SEDIMENT FROM THE SITE.

PREVENT TRACKING OF

REQUIRED, IT SHALL BE

DONE SO RUNOFF DRAINS

SHALL BE PREVENTED FROM

ENTERING STORM DRAINS,

DITCHES, OR WATERWAYS

WHEN WASHING IS

INTO AN APPROVED

SEDIMENT TRAPPING

DEVICE. ALL SEDIMENT

MAINTAINED IN A

WASHOUT PAN (72"x72"x14") OR APPROVED EQUAL.

MANUFACTURER'S SPECIFICATIONS.

75' (MIN) (W/O BERM) 50' (MIN) WITH 3"-6"

DIVERSION BERM PROVIDED

DRIVE WIDTH SLOPE (10' MIN)

PLAN VIEW

DIVERSION BERM-

75' (MIN) (W/O BERM)

50' (MIN) WITH 3"-6"

DIVERSION BERM PROVIDED

(OPTIONAL)

6" (MIN)

GROUND

3" CRUSHED

FXISTING

BUFFER.

SILT SOCK NO SCALE

-COIR MAT INLET FILTER

CURB-

CATCH BASIN GRATE-

(DIMENSIONS VARY)

-ZIP TIE CONNECTION

TO CATCH BASIN

GRATE (TYP)

INSTALL SILT SOCK IN ACCORDANCE WITH

COIR MAT INLET FILTER SHALL BE

STORM WATER INLET FILTER BY

BLOCKSOM & CO. OR APPROVED

PROTECTION IN ACCORDANCE WITH

MANUFACTURER'S SPECIFICATIONS

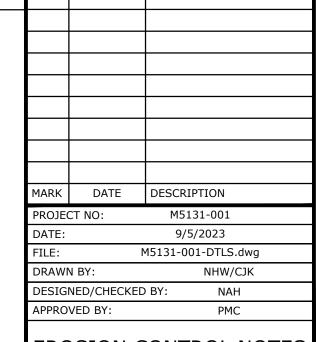
2. INSTALL AND MAINTAIN INLET

MANUFACTURER'S SPECIFICATIONS.

DEVELOPMENT

PROSPECT NORTH 815

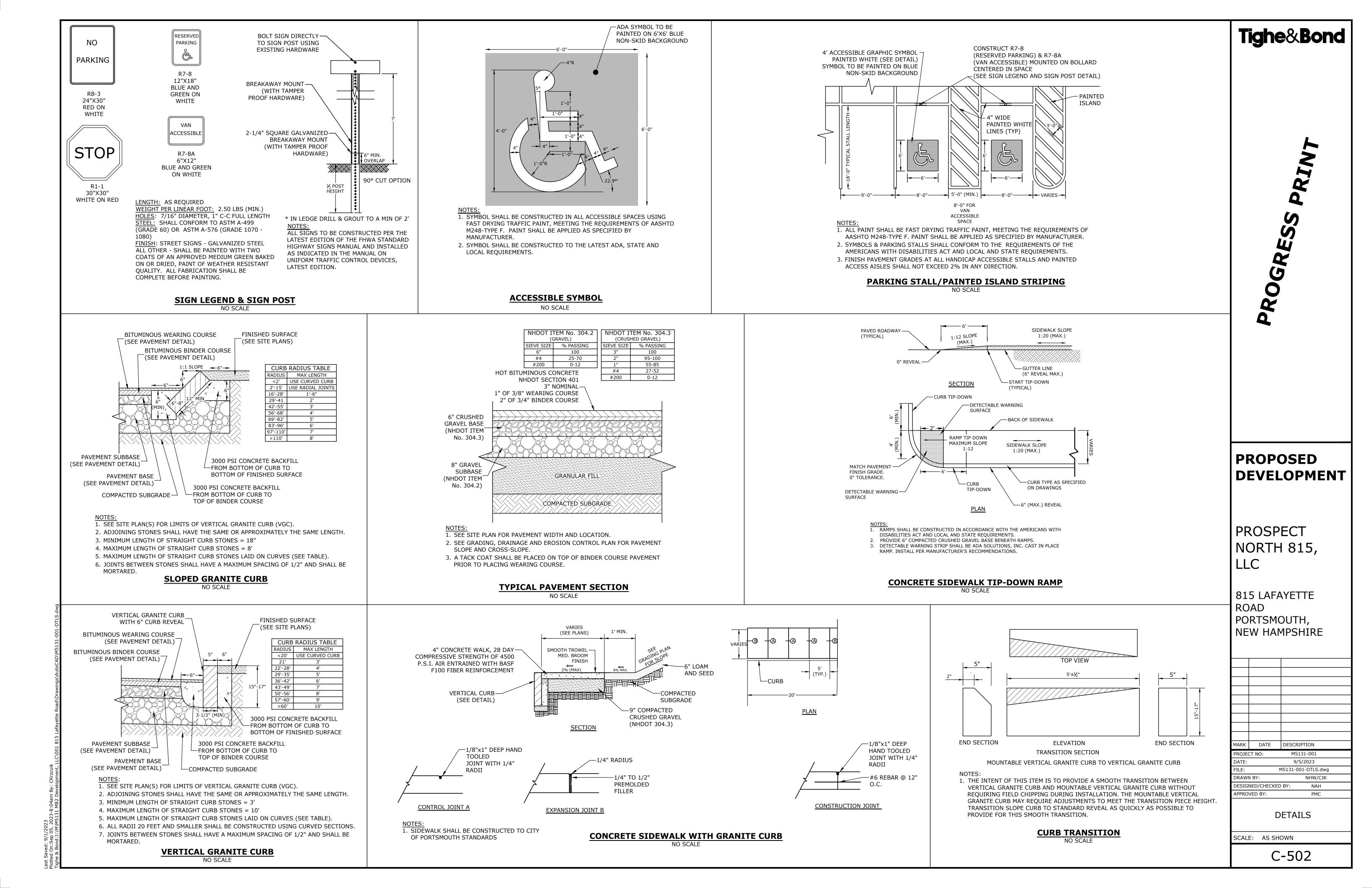
> 815 LAFAYETTE ROAD PORTSMOUTH, NEW HAMPSHIRE

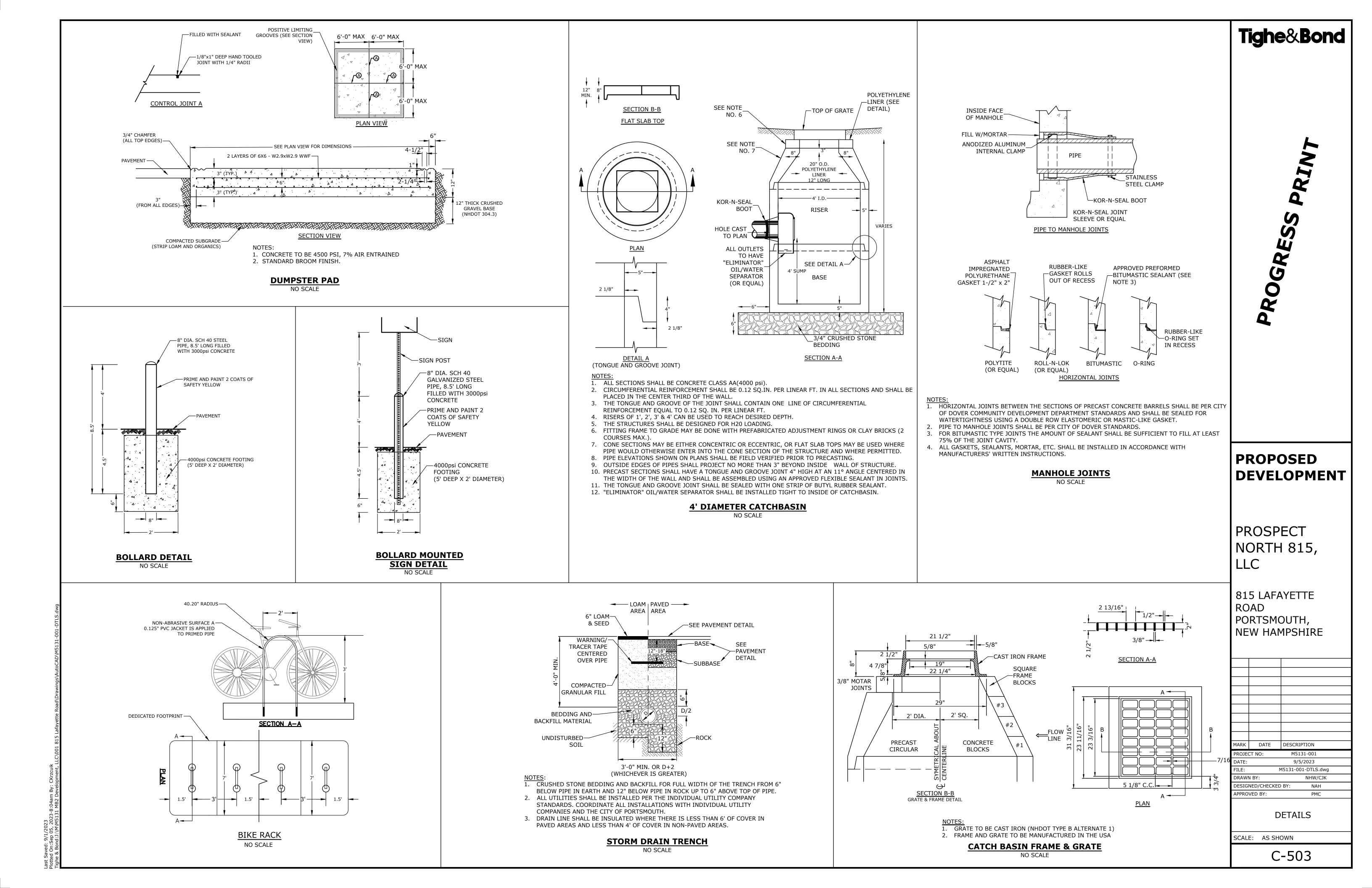


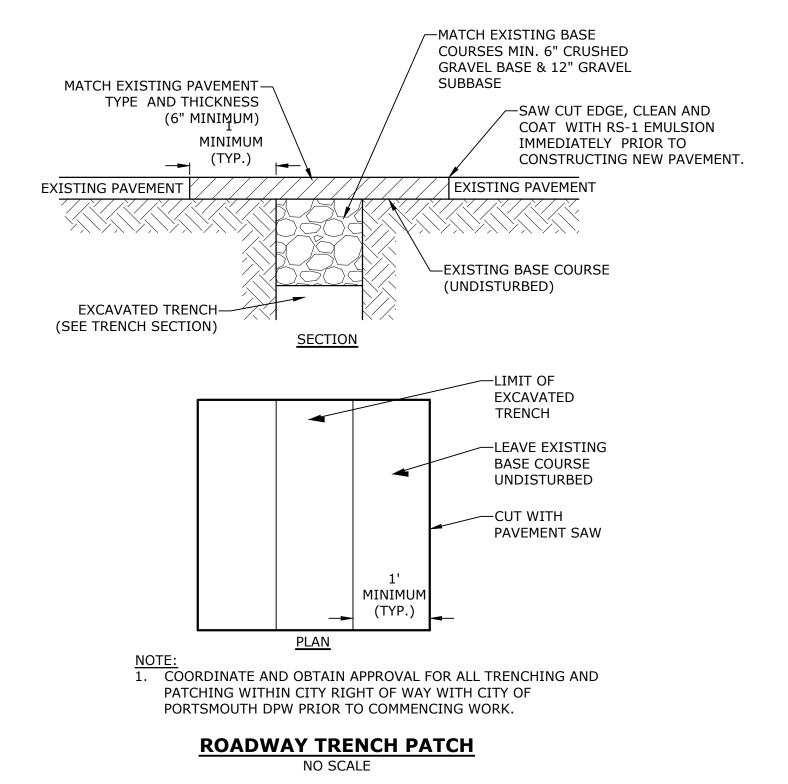
INLET PROTECTION EROSION CONTROL NOTES NO SCALE & DETAILS

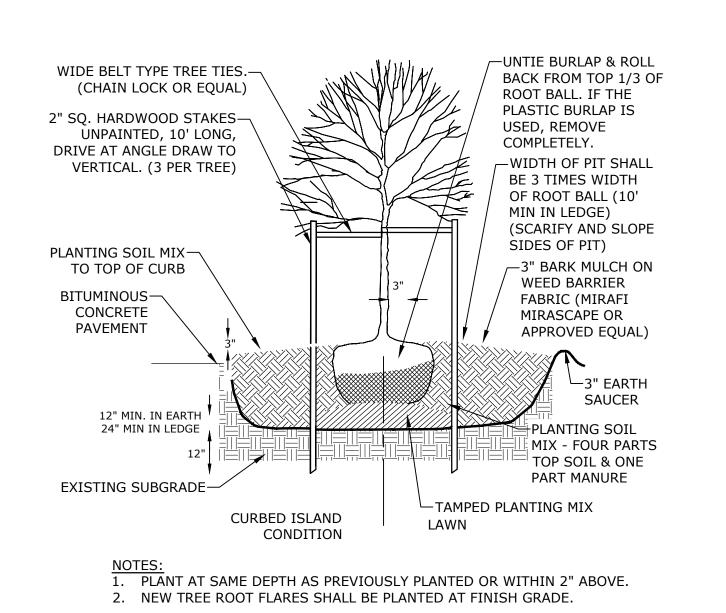
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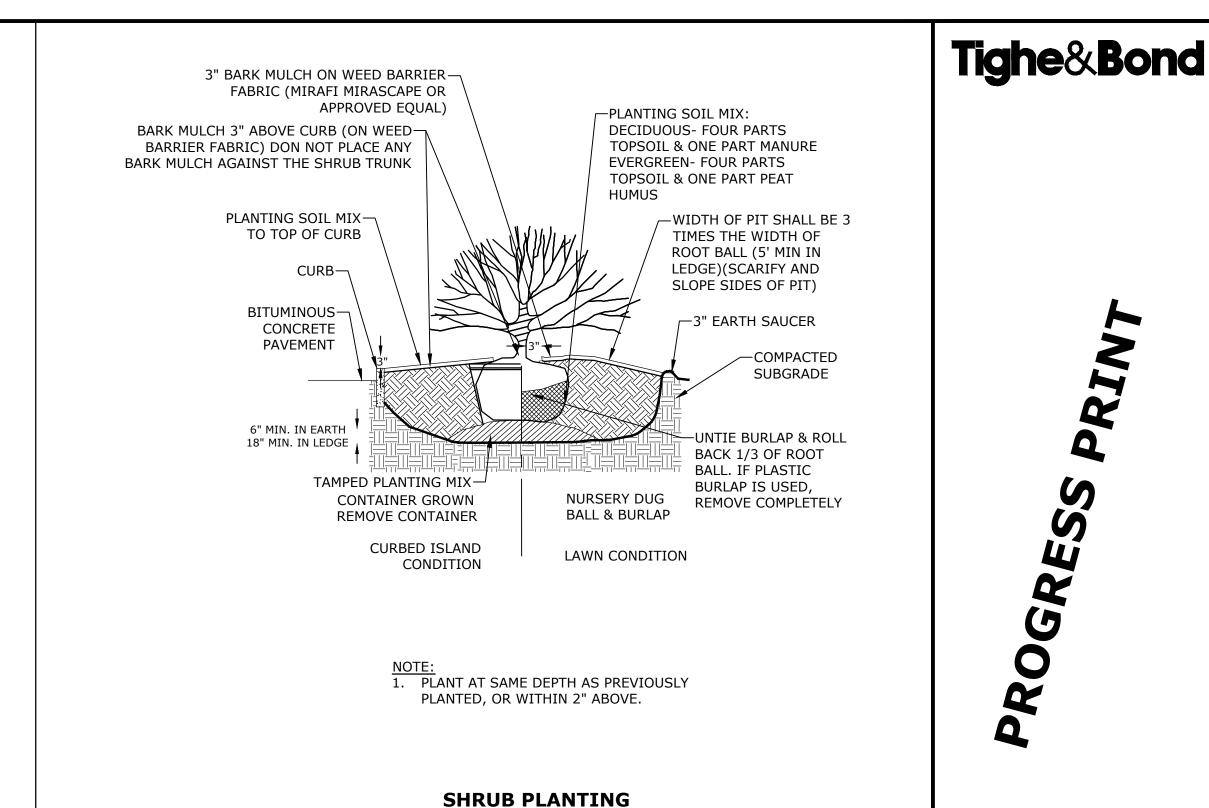






DECIDUOUS TREE PLANTING

NO SCALE



NO SCALE

■ LOAM | PAVED — ■

AREA AREA

3'-0" MIN. OR D+2

IN EARTH AND 12" BELOW PIPE IN ROCK UP TO 12" ABOVE TOP OF PIPE.

GAS TRENCH

NO SCALE

(WHICHEVER IS GREATER)

I. SAND BEDDING AND BACKFILL FOR FULL WIDTH OF THE TRENCH FROM 6" BELOW PIPE

2. GAS LINE SHALL BE INSTALLED PER THE INDIVIDUAL UTILITY COMPANY STANDARDS.

COORDINATE ALL INSTALLATIONS WITH INDIVIDUAL UTILITY COMPANIES AND THE

-SEE PAVEMENT DETAIL

-PAVEMENT

SAND BLANKET

SIEVE SIZE % PASSING 1/2" 100

#200 15 MAX

—BASE

6" LOAM &-

WARNING/-

COMPACTED —

GRANULAR FILL

BEDDING AND-

CITY/TOWN OF ????.

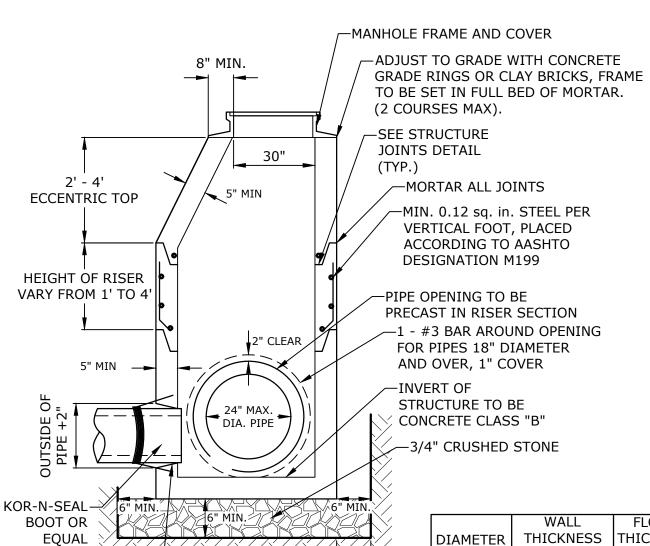
BACKFILL MATERIAL

UNDISTURBED-

TRACER TAPE

CENTERED OVER

PROGRESS



FINISH-

SUBGRADE

4' DIAMETER DRAIN MANHOLE

FLOOR DIAMETER THICKNESS | THICKNESS (MIN.) (MIN.) 5"

CORE HOLE SIZE PLASTIC CORE HOLE PIPE SIZE RCP CORE HOLE DIA. INCHES | INCHES | FEET | INCHES | FEET 0.6 12 18 1.5 1.7 15 22 1.8 26 2.2 24 2.0 18 24 34 2.8 2.7 32 42 3.5 42 3.5

NOTES:

ALL SECTIONS SHALL BE 4,000 PSI CONCRETE.

CIRCUMFERENTIAL REINFORCEMENT SHALL BE 0.12 SQUARE INCHES PER LINEAR FOOT IN ALL SECTIONS AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.

THE TONGUE AND THE GROOVE OF THE JOINT SHALL CONTAIN ONE LINE OF CIRCUMFERENTIAL REINFORCEMENT EQUAL TO 0.12

SQUARE INCHES PER LINEAR FOOT. 4. THE STRUCTURES SHALL BE DESIGNED FOR H20 LOADING.

5. CONSTRUCT CRUSHED STONE BEDDING AND BACKFILL UNDER (6" MINIMUM THICKNESS)

6. THE TONGUE AND GROOVE JOINT SHALL BE SEALED WITH ONE STRIP OF BUTYL RUBBER SEALANT.

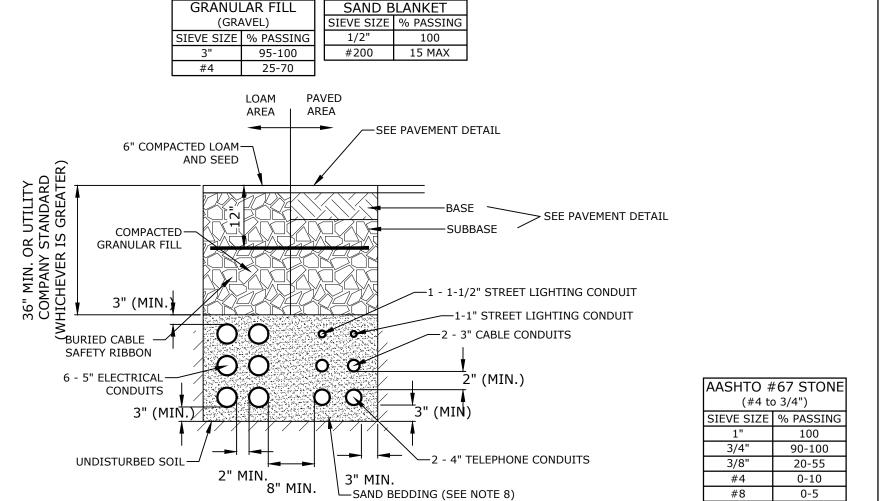
7. PIPE ELEVATIONS SHOWN ON PLANS SHALL BE FIELD VERIFIED PRIOR TO PRECASTING.

8. OUTSIDE EDGES OF PIPES SHALL PROJECT NO MORE THAN 3"

BEYOND INSIDE WALL OF STRUCTURE. 9. PRECAST SECTIONS SHALL HAVE A TONGUE AND GROOVE JOINT 4" HIGH AT AN 11° ANGLE CENTERED IN THE WIDTH OF THE WALL AND SHALL BE ASSEMBLED USING AN APPROVED FLEXIBLE

SEALANT IN JOINTS. 10. ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 12" OF INSIDE SURFACE BETWEEN HOLES, NO MORE THAN 75% OF A HORIZNTAL CROSS SECTION SHALL BE HOLES, AND THERE SHALL BE NO HOLES CLOSER THAN 3" TO JOINTS.

ELECTRICAL AND COMMUNICATION CONDUIT NO SCALE



1. NUMBER, MATERIAL, AND SIZE OF UTILITY CONDUITS TO BE DETERMINED BY LOCAL UTILITY OR AS SHOWN ON ELECTRICAL DRAWINGS.

CONTRACTOR TO PROVIDE ONE SPARE CONDUIT FOR EACH UTILITY TO BUILDING. 2. DIMENSIONS SHOWN REPRESENT OWNERS MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS MAY BE GREATER BASED ON UTILITY COMPANY STANDARDS, BUT SHALL NOT BE LESS THAN THOSE SHOWN.

3. NO CONDUIT RUN SHALL EXCEED 360 DEGREES IN TOTAL BENDS. 4. A SUITABLE PULLING STRING, CAPABLE OF 200 POUNDS OF PULL, MUST BE INSTALLED IN THE CONDUIT BEFORE UTILITY COMPANY IS NOTIFIED TO INSTALL CABLE. THE STRING SHOULD BE BLOWN INTO THE CONDUIT AFTER THE RUN IS ASSEMBLED TO AVOID BONDING THE STRING TO THE

CONDUIT. 5. UTILITY COMPANY MUST BE GIVEN THE OPPORTUNITY TO INSPECT THE CONDUIT PRIOR TO BACKFILL. THE CONTRACTOR IS RESPONSIBLE FOR ALL

REPAIRS SHOULD THE UTILITY COMPANY BE UNABLE TO INSTALL ITS CABLE IN A SUITABLE MANNER. 6. ALL CONDUIT INSTALLATIONS MUST CONFORM TO THE CURRENT EDITION OF THE NATIONAL ELECTRIC SAFETY CODE, STATE AND LOCAL CODES

AND ORDINANCES, AND, WHERE APPLICABLE, THE NATIONAL ELECTRIC CODE.

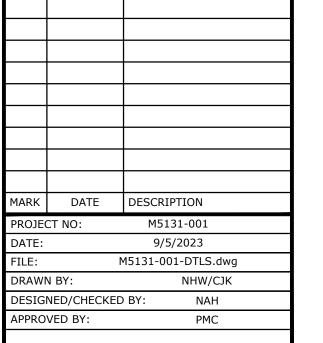
7. ALL 90° SWEEPS WILL BE MADE USING RIGID GALVANIZED STEEL. SWEEPS WITH A 36 TO 48 INCH RADIUS.

8. SAND BEDDING TO BE REPLACED WITH CONCRETE ENCASEMENT WHERE COVER IS LESS THAN 3 FEET, WHEN LOCATED BELOW PAVEMENT, OR WHERE SHOWN ON THE UTILITIES PLAN.

PROPOSED DEVELOPMENT

PROSPECT **NORTH 815,**

815 LAFAYETTE ROAD PORTSMOUTH, NEW HAMPSHIRE

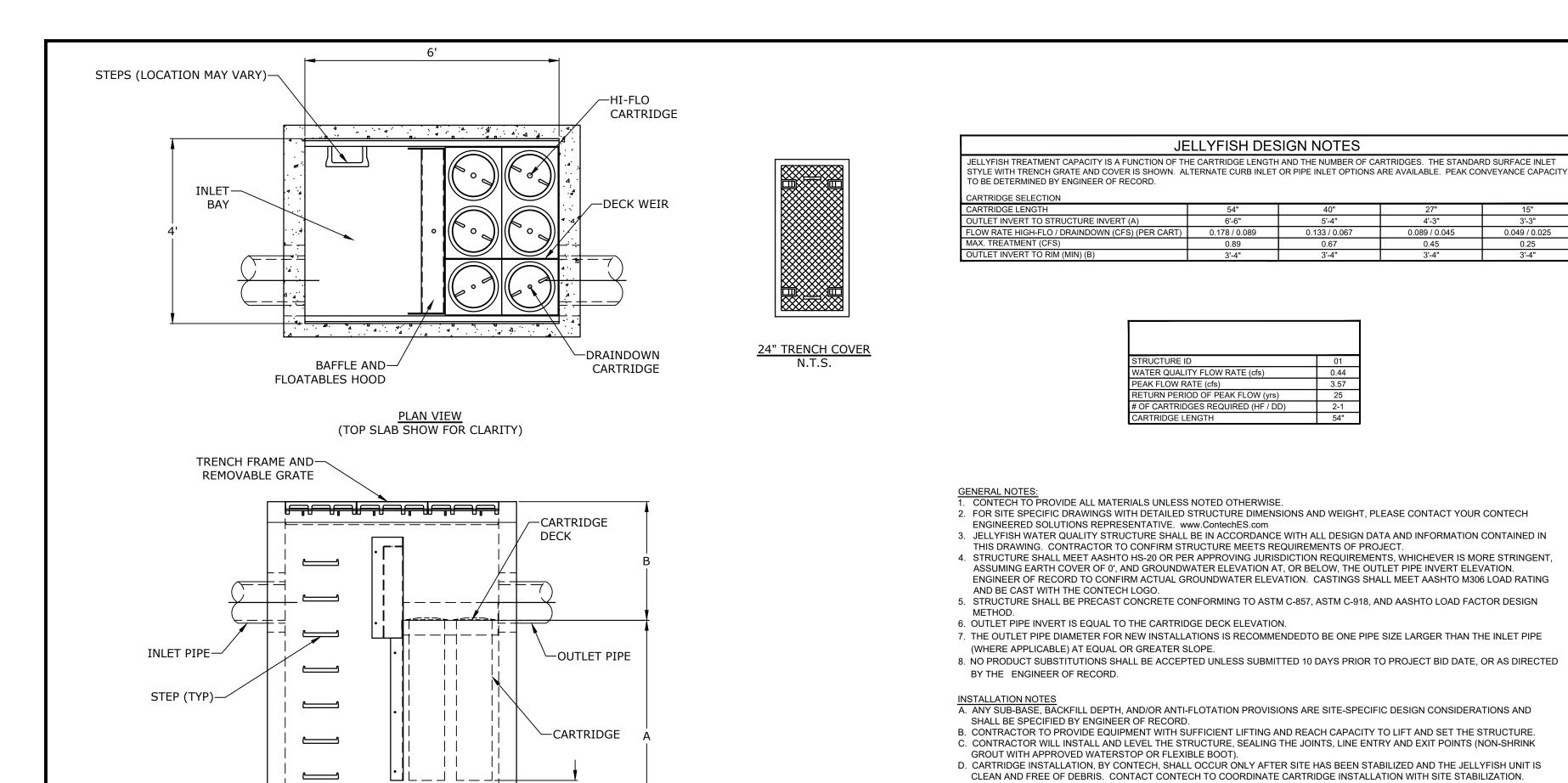


DETAILS

C-504

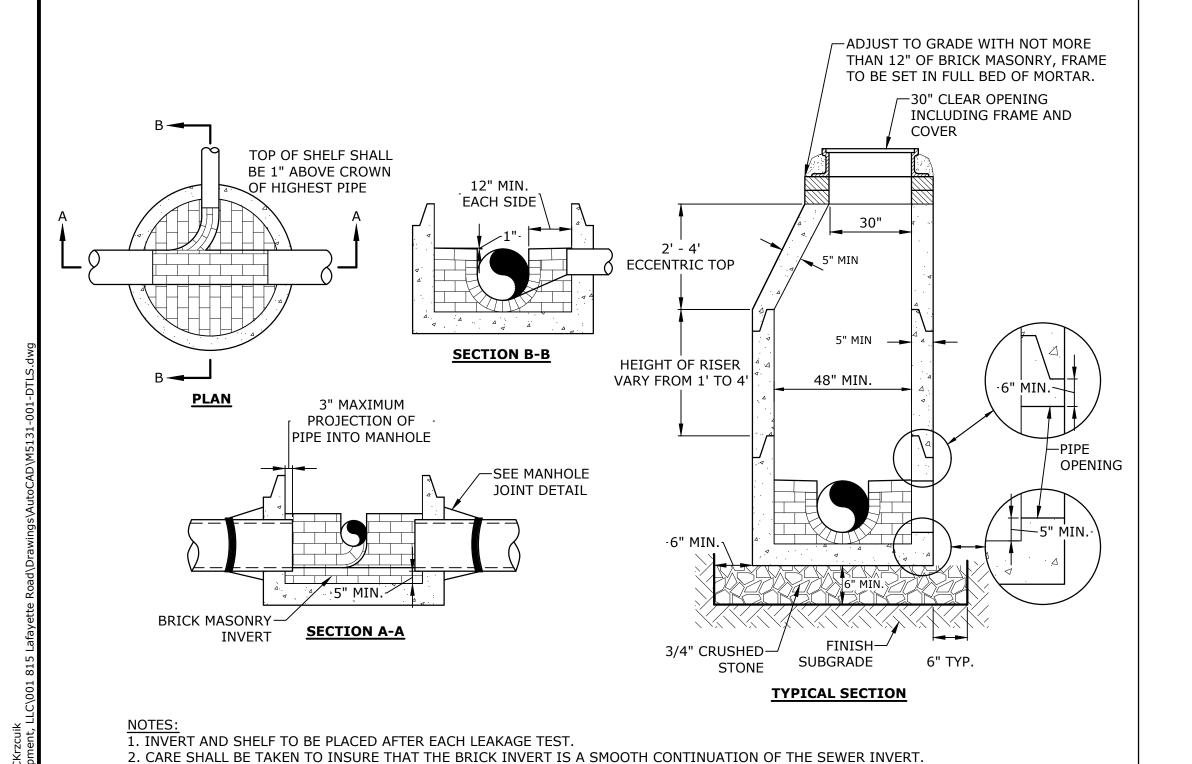
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PROVIDE "V" OPENING—



JF0406 DETAIL

NO SCALE



4. TWO (2) COATS OF BITUMINOUS WATERPROOF COATING SHALL BE APPLIED TO ENTIRE EXTERIOR OF MANHOLE.

HEIGHT) WORD "SEWER" SHALL BE PLAINLY CAST INTO THE CENTER OF EACH COVER.

5. FRAMES AND COVERS: MANHOLE FRAMES AND COVERS WITHIN CITY RIGHT OF WAY SHALL BE CITY STANDARD HINGE COVERS

SEWER MANHOLE

NO SCALE

6. HORIZONTAL JOINTS SHALL BE SEALED FOR WATER TIGHTNESS USING A DOUBLE ROW OF ELASTOMERIC OR MASTIC-LIKE SEALANT. 7. BARREL AND CONE SECTIONS SHALL BE PRECAST REINFORCED CONCRETE DESIGNED FOR H20 LOADING, AND CONFORMING TO ASTM

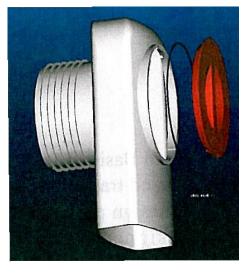
MANUFACTURED BY EJ. FRAMES AND COVERS WILL BE PURCHASED FROM THE CITY OF PORTSMOUTH DEPARTMENT OF PUBLIC WORKS. ALL OTHER MANHOLE FRAMES AND COVERS SHALL BE OF HEAVY DUTY DESIGN AND PROVIDE A 30-INCH CLEAR OPENING. A 3-INCH (MINIMUM

SUMP (TYP)

3. INVERT BRICKS SHALL BE LAID ON EDGE.

C478-06.

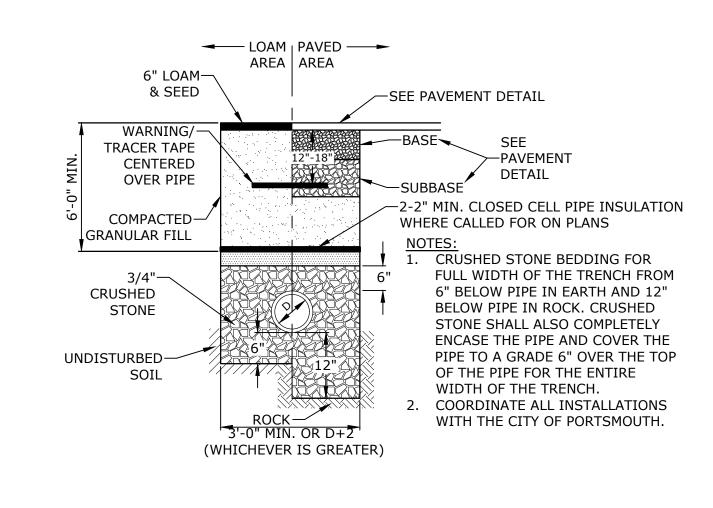
ELEVATION VIEW



ALL CATCH BASIN OUTLETS TO HAVE "ELIMINATOR" OIL AND FLOATING DEBRIS TRAP MANUFACTURED BY KLEANSTREAM (NO EQUAL) INSTALL DEBRIS TRAP TIGHT TO

INSIDE OF STRUCTURE. 1/4" HOLE SHALL BE DRILLED IN TOP OF DEBRIS TRAP

"ELIMINATOR" OIL FLOATING DEBRIS TRAP NO SCALE



SEWER SERVICE TRENCH

NO SCALE

Tighe&Bond

PROPOSED DEVELOPMENT

PROSPECT NORTH 815,

815 LAFAYETTE ROAD PORTSMOUTH, NEW HAMPSHIRE

MARK	DATE	DESCRIPTION
PROJE	CT NO:	M5131-001
DATE:		9/5/2023
FILE:	N	M5131-001-DTLS.dwg
DRAWI	N BY:	NHW/CJK
DESIG	NED/CHECKED	BY: NAH
APPRO	VED BY:	PMC

DETAILS

SCALE: AS SHOWN

C-505



SOUTH ELEVATION
SCALE: 1" = 10'-0"



NORTH ELEVATION
SCALE: 1" = 10'-0"



WEST ELEVATION
SCALE: 1" = 10'-0"



EAST ELEVATION
SCALE: 1" = 10'-0"

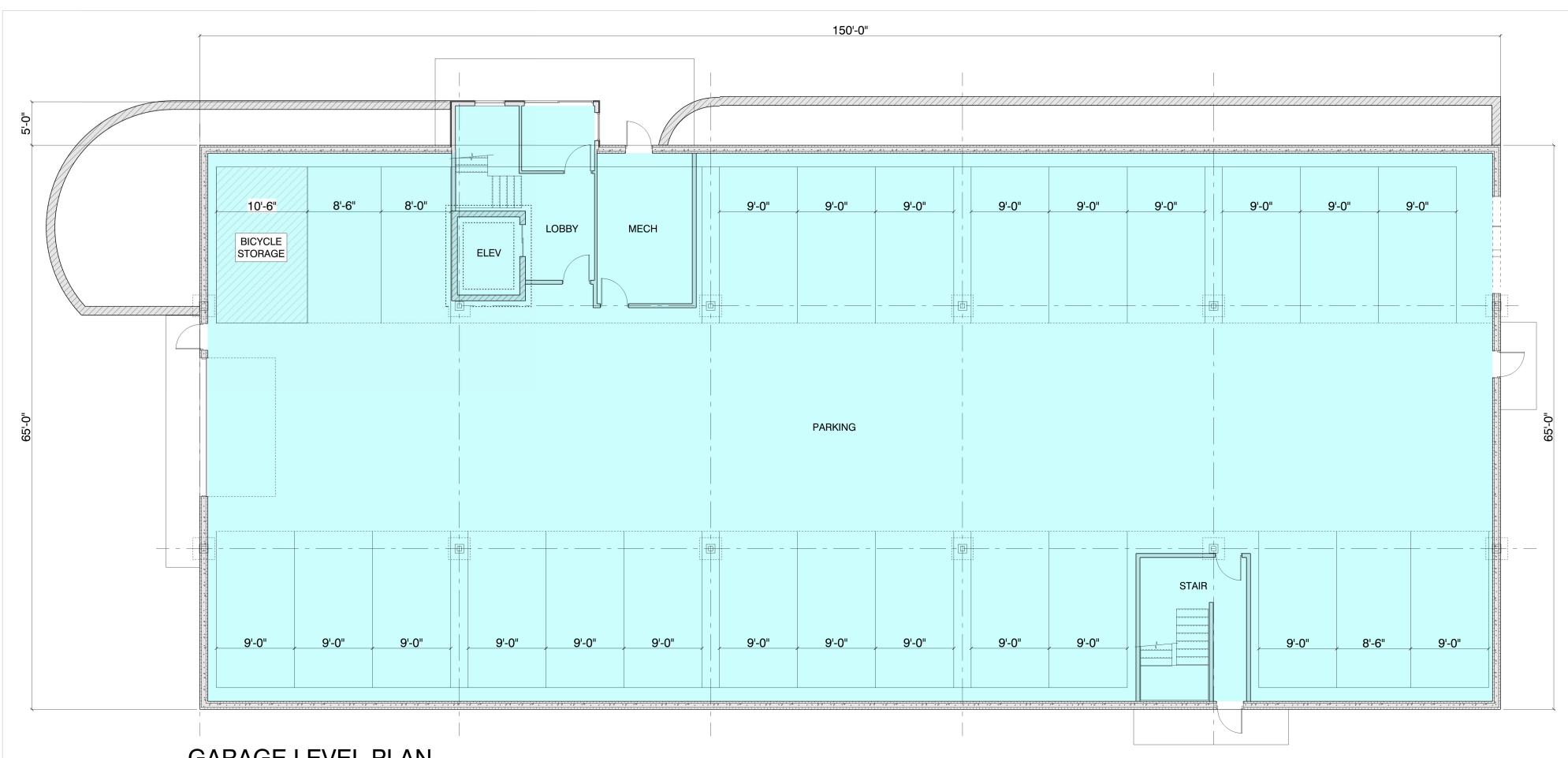
PROPOSED APARTMENT BUILDING - 815 LAFAYETTE ROAD
PORTSMOUTH, NEW HAMPSHIRE

BOA SUBMISSION

8/29/2023



1



GARAGE LEVEL PLAN

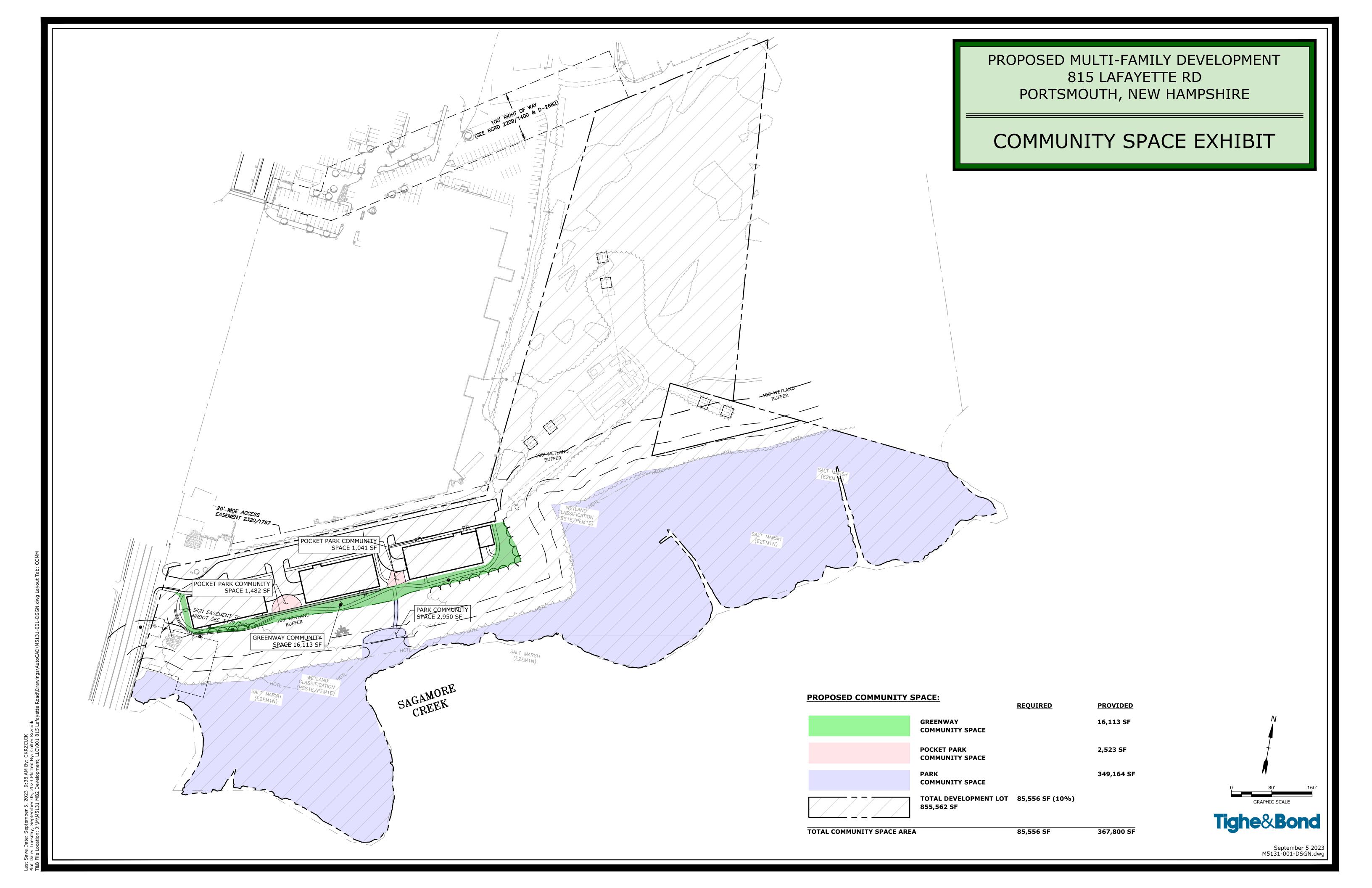


PROPOSED APARTMENT BUILDING - 815 LAFAYETTE ROAD PORTSMOUTH, NEW HAMPSHIRE

BOA SUBMISSION

8/29/2023





Owner/Agent Letter of Authorization

This letter is to authorize <u>Tighe & Bond, Inc.</u> (Civil Engineer), to represent and submit on behalf of <u>Prospect North 815, LLC</u> (Owner/Applicant), applications and materials in all site design and permitting matters for the proposed development project located at 815 Lafayette Road in Portsmouth, New Hampshire on parcel of land identified as Map 245 Lot 3. This project includes the construction of multifamily buildings, an office building, and associated on-site improvements. 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.

Michael Brown

6-1-23

1 Km

Jeffre, A. Thill

Date



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

5 September, 2023

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

RE: Request for TAC Workshop Review at 581 Lafayette Road Tax Map 229 Lot 8B

Dear Mr. Stith and TAC Members:

On behalf of Atlas Common, LLC (Owner) we are pleased to submit the attached plan set for <u>TAC Workshop Review</u> for the above-mentioned project and request that we be placed on the agenda for your **September 12, 2023,** Technical Advisory Committee Meeting. The project consists of the addition of residential units (including 20% Workforce) at 581 Lafayette Road with two new building additions with the associated and required site improvements. The site is currently developed with two restaurants. The re-development will include creating additional parking below first floor building level.

The project is located at 581 Lafayette Road and is a proposed addition to an existing building. The building was renovated when the site was changed from a Cinema to the Tuscan Restaurant – Tuscan Marketplace in 2016. The site is at the corner of Lafayette Road and Ledgewood Drive, and is known as Tax Map 229, Lot 8B. The lot is a 98,124 square foot parcel with frontage on both streets. The existing conditions plan shows the current site features. The Tuscan Market moved to downtown Portsmouth, and that portion of the site was re-purposed to a restaurant with golf simulators, known as Tour. The Tuscan Marketplace closed, but recently the Tuscan Marketplace was converted to another restaurant with some outside seating.

The property is located in the Gateway Neighborhood Mixed-Use District - G1. The purpose of the district is to support the goals of the cities Master Plan and Housing Policy. The aim of the policy is to encourage walkable, mixed-use development, and continued economic vitality in the cities primary gateway areas. The district seeks to ensure that new developments complement and enhance the surroundings and provide housing stock that is suitable for changing demographics, and accommodate the housing needs of the city's current and future workforce. This plan works towards that standard by adding to the existing structure and creating 72 new dwelling units. The proposed uses; being restaurant use and dwelling units (multi-family residential) are both allowed uses in the district.

The project proposes additions that are set back 33 feet from Ledgewood Drive, 47 feet from Lafayette Road, 24 feet from the southerly abutting property line, and 39 feet from the easterly abutting property line. The proposed building additions maintain the ability for the free flow of traffic around the proposed additions, as required by deed restrictions and easements on the property. First floor parking spaces are accessed from driveways to the parking areas at first floor level, as shown on the site plan. Underground parking is accessed from a driveway ramp on the north side of the proposed structure off Ledgewood Drive. The total parking provided is within 28 spaces of meeting the ordinance requirements of the city of Portsmouth, however in this particular case this property has deeded agreements with the abutting properties along Lafayette Road, wherein shared is a deeded right among the properties. Therefore, in this case the parking provided meets the ordinance.

The submitted site plan shows the impervious surface calculations for the proposed development. When the site was redeveloped to the Tuscan Marketplace, the impervious surface coverage (increase) was allowed under a Variance, up to coverage which maintained 16.5% open space. The submitted site plan proposes coverage of 82%, leaving an open space of 18%, which is less than 20%, but more than the allowable as granted by the ZBA decision of 2015. The building height is intended to comply with section 10.5 B 22.10 as allowed under the section. Regarding the special setback requirements on Lafayette Road, the project is in a location where there is a significant open space in front of the subject parcel. This open space was created when the Lafayette Road, Route 1 Bypass intersection was restructured around 2011. That relocation of the intersection created this large open space area in front of the lot, which in effect meets this special set back requirements inherent in the section regarding properties on Lafayette Road.

The presence of the parking in front of the building is as it has been for many years, when this property was used as a cinema, and additionally when it was repurposed to Tuscan Marketplace. A variance for front of building parking was granted. The proposal has gone to the Portsmouth Planning Board for Conceptual Review. During the review it was noted that some of the parking spaces in front of the building are partially located off the lot in the state highway right of way. Those spaces existed when the work was done to relocate the intersection, and they existed when the property was redeveloped into the Tuscan Marketplace and allowed to stay.

The existing drainage consists of some roof drain connections as well as some parking lot connections to the drainage network, which flow off-site. The property drainage is divided into two watersheds, one that flows to the south along the front of the adjacent mall and the other flows to the south along the back of the adjacent mall. The intent of this design is to maintain those flow directions and re-purpose the drainage in accordance with the proposed site addition roof drains that will replace some catch basins to direct the water in this manner.

It is our understanding that this development would most likely fall under Section 10.05 B 42.20, Mixed-Use Development, and the development standards of that section. The process for development in the Gateway Neighborhood Mixed-Use District requires application to the Planning Board for a Conditional Use Permit where development deviates from the strict standards, and proof that the development proposed meets, and is consistent with, the Portsmouth Master Plan. In the density section of the ordinance this development would be allowed up to 24 units per structure. This project proposes a Conditional Use Permit for a

density bonus as allowed in section 10.5 B 72 for two buildings with 36 units in each building. This increased housing density is allowed with an incentive. In order to be eligible for the bonus incentive the development shall include workforce housing. The intent of this development is to provide 20% of the dwelling units, or 15 units, as workforce units, as defined by the Portsmouth Ordinance In addition to the workforce housing units, the developer plans to provide for two community rooms within the structures, providing community space for the development. We believe that under section 10.5 B 74.30 the Planning Board is authorized to grant modifications to the standards of the section since, and as a result of, the developer providing workforce housing. We believe that the modifications to the strict ordinance interpretations are consistent with the purpose and intent set forth in the Gateway Neighborhood Mixed-Use District section. We therefore request that review of this project at the Technical Advisory Committee level proceed not only to look at the technical aspects of the proposal, but to review our proposed development and provide feedback regarding compliance with the intent of the ordinance.

The development plan is summarized as follows and as shown on the Proposed Site Plans:

- Sheet C1 Existing Conditions Plan: The plan shows current site conditions.
- Sheet C2 Demolition Plan: The plan shows required site demolition.
- Sheet C3 –Site Plan: This sheet shows the location of the proposed building additions, outdoor seating area, and associated site improvements.
- Sheet C4 Parking Plan: The plan shows the underground parking.
- Sheet C5 Utility Plan: The plan shows proposed utility connections.
- Sheet C6 Grading, Drainage, Erosion Control Plan: The plan shows the proposed drainage connections for the site.
- Renderings Elevations Floor Plans these are the Architectural site designs.

We look forward to an in-person presentation at the September 12th meeting.

Sincerely,

John Chagnon, PE; Ambit Engineering – Haley Ward Submitted Online



CITY OF PORTSMOUTH

Community Development Department (603) 610-7232

Planning Department (603) 610-7216

PLANNING DEPARTMENT

September 25, 2015

DiLorenzo Lafayette Ledgewood RE LLC 549 U.S. Hiway 1 By-Pass Portsmouth, NH 03801

Re: Property at 581 Lafayette Road, Permit 15-1037 Assessor Plan 229, Lot 8B

Dear Applicant:

The Board of Adjustment at its reconvened meeting on September 22, 2015 completed its consideration of your application described as follows:

Application:

Case # 9-10

Petitioner: DiLorenzo Lafayette Ledgewood RE LLC

Property:

581 Lafayette Road

Assessor Plan 229, Lot 8B

Zoning District: Gateway

Description: Allow a restaurant and market with associated parking. Requests:

The Variances necessary to grant the required relief from the Zoning Ordinance, including the following:

- 1. A Special Exception under Section 10.440, Use #9.52 to allow a restaurant with 492 seats where 250 to 500 seats are allowed by Special Exception.
- 2. A Variance from 10.593.10 to allow a restaurant to be located 92.1' from a residential district where 200' is required.
- 3. A Variance from 10.531 to allow 16.5% open space where 11% exists and 20% is required.
- 4. A Variance from Section 10.1112.50 to allow 154 off-street parking spaces where 184 exist and 132 are the maximum allowed.
- 5. A Variance from Section 10.1113.20 to allow parking in the front yard or between a building and a street for 34 spaces where 38 exist and 0 spaces are permitted.

DiLorenzo Lafayette Ledgewood RE LLC - Page Two September 25, 2015

- 6. A Variance from 10.1113.10 to allow 28 existing and 30 proposed offstreet parking spaces to be partially located on a lot separate from that of the principal use.
- 7. A Variance from Section 10.1114.21 to allow 10 off-street parking spaces to be 17.5' in length where 19' is required.
- 8. A Variance from 10.1124.20 to allow off-street loading or maneuvering areas to be 87.7' from an adjoining Residential or Mixed Residential District where 100' is required.

Action:

The Board voted to grant the petition as presented and advertised.

Stipulations:

None.

Review Criteria:

The Special Exception was granted for the following reasons:

- The standards as provided by the Ordinance for this particular use permitted by Special Exception are met.
- There will be no hazard to the public or adjacent property from fire explosion or release of toxic materials from the proposed uses.
- There will be no detriment to property values in the vicinity or change in the essential characteristics of the area on account of the location or scale of buildings, odors, smoke, or other pollutants or irritants, or unsightly outdoor storage of equipment, vehicles or other materials. This is primarily a business district with the property containing essentially the same characteristics as it has had in the past. The scale of buildings will not change appreciably and there is nothing in the proposed uses to generate noxious odors, smoke or pollutants.
- There will be no creation of a traffic safety hazard or a substantial increase in the level of traffic congestion in the vicinity. Concerns with traffic congestion and the general traffic flow will be addressed by the Technical Advisory Committee and the Planning Board.
- There will be no excessive demand on municipal services. There is nothing in the restaurant use that would create an unusual demand.
- There will be no significant increase in storm water runoff onto adjacent property or streets. There are existing buildings on the property and it is proposed to add additional green space which will help to mitigate any runoff.

DiLorenzo Lafayette Ledgewood RE LLC - Page Two September 25, 2015

The Variances were granted for the following reasons:

- Granting the variances will not be contrary to the public interest. The restaurant will be located in what has been a commercial corridor so that the essential characteristics of the neighborhood will not be altered and no threat will be presented to the public health, safety or welfare. Any traffic generated will tend to be variable throughout the day and week and not create an undue burden. Any impact on traffic will be further addressed by the Technical Advisory Committee and the Planning Board.
- The spirit of the Ordinance will be observed. The retail and restaurant use will be more compatible in its proximity to a residential area than many uses with similar setbacks. Only minor relief is required with the proposed setback for the off-street loading and maneuvering area. The proposed parking is part of a larger shopping complex with interchanging use of the parking areas from different entities. The spirit of the Ordinance is also served as the proposal will move closer to what is required for open space.
- Substantial justice will be done by allowing the property owner to make full and practical use of what has been a deteriorated property which will also benefit the general public.
- The value of surrounding properties will not be diminished as there will not be a major change in use in terms of activity related to the conduct of business.
- The hardship with particular reference to the parking variances includes the existing structure and existing parking layout that the property owners must adapt to their needs. With specific regard to the distances from a residential area, there have been long standing business uses on the property and a hardship would be created in imposing the current Ordinance requirements. The applicant's request is a reasonable one.

Prior to the issuance of a building permit, the Building Inspector will need to review and approve construction drawings/sketches. Contact the Inspector at 603-610-7243 between the hours of 8:00 and 10:00 a.m. Applicants should note that approvals may also be required from other Committees and/or Boards prior to the issuance of a Building Permit.

The minutes and tape recording of the meeting may be reviewed in the Planning Department.

Very truly yours,

David Witham, Chairman

Board of Adjustment

mek

c:

Robert Marsilia, Chief Building Inspector Roseann Maurice-Lentz, City Assessor

R. Timothy Phoenix, Esq.

John Chagnon

E # 23008674 03/30/2023 02:09:28 PM Book 6474 Page 1538 Page 1 of 4 Register of Deeds, Rockingham County

Carly an Searcy

LCHIP ROA646155 RECORDING SURCHARGE

25.00 22.00 2.00

WARRANTY DEED

JOHN GALT, LLC, a New Hampshire limited liability company with a mailing address of 3 Pleasant Street, Suite 400, Portsmouth, New Hampshire 03801 ("Grantor") for consideration paid grants to **ATLAS COMMONS, LLC,** a New Hampshire limited liability company with a mailing address of 3 Pleasant Street, Suite 400, Portsmouth, New Hampshire 03801 ("Grantee") **WITH WARRANTY COVENANTS**

THE FOLLOWING DESCRIBED PREMISES:

1. A certain tract or parcel of land, together with any buildings or improvements thereon, situate in Portsmouth, County of Rockingham and State of New Hampshire, bounded and described as follows:

Beginning at a point in the Easterly sideline of Lafayette Road at the Northwesterly corner of the parcel herein described and at land of the City of Portsmouth; thence running North 81°43 East by City of Portsmouth land, two hundred eighty-one and seven tenths (281.7) feet to a corner at land of Ledgewood Manor Associates; thence turning and running South 5°56' West two hundred forty-six and thirty-one hundredths (246.31) feet, South 15°05'30" West fourteen and twenty-one hundredths (14.21) feet, South 07°12' West seventy-two and no hundredths (72.00) feet, South 48°45' East thirty-three and thirty-two hundredths (33.32) feet and South 39°04' East seventy-five and seven hundredths (75.07) feet, all by land of Ledgewood Manor Associates to a corner of land now or formerly of William N. Genimatas; thence turning and running North 84°04' West three hundred thirty and forty hundredths (330.40) feet by land of said Genimatas to Lafayette Road; thence turning and running North 05°56' East two hundred thirty-nine and thirty-nine hundredths (239.39) feet and North 05°31' West ninety-six and two tenths (96.2) feet by said Lafayette Road to the point of beginning. Containing 2.25 acres, more or less.

2. Together with the perpetual right to use in common with DLR, Inc., and William N. Genimatas, their heirs, devisees, successors and assigns, the Lafayette Road entrance-exit way as developed by DLR, Inc., (formerly MDL, Inc.) near the southwest corner of the land retained by Genimatas, together with the perpetual right hereby granted to grantees,

their heirs, devisees and assigns, to use in common with said DLR, Inc., and Genimatas, their heirs, devisees, successors and assigns, the other Lafayette Road entrance-exit ways on the DLR, Inc. and the Bowl-O-Rama lots adjoining the premises hereby conveyed.

- 3. Subject to, and with the benefit of mutual parking rights in common with said DLR, Inc., and said Genimatas respecting this lot and the adjoining Bowl-O-Rama and DLR, Inc., lots, namely and respectively, that said DLR, Inc., Genimatas and Robbins shall have free parking as may be necessarily available on any of these three parcels of land, and such parking rights for each of them in each other's adjacent land shall be mutually interchangeable, for said Genimatas, DLR, Inc., and said Robbins, their respective heirs, devisees, successors and assigns, such mutual parking rights and benefits to extend to any other persons or corporations and any other lands and premises, which said Genimatas, said Robbins, MGR Realty and/or MGR Realty, Inc., may have heretofore conveyed and reserved such rights, benefits or privileges. The foregoing parking rights shall not limit or restricts the rights of the owners of the said lots to construct buildings or additions to same, upon the said lots, provided no unreasonable imposition of owner's parking is caused the abutters by such buildings or additions thereto.
- 4. Also being conveyed with the benefit of, a certain right of way in common with others, including Petzold, et al, and Ledgewood Manor Associates on the Southerly part of the DLR, Inc., Lot #3, second lot south of this lot, said right of way being also subject to a restriction against the erection of a barrier, fence or other obstruction on either side of said right of way as it runs to Lafayette Road, all as per agreement acknowledged on July 23, 1973, recorded in Rockingham Registry of Deeds, Book 2209, Page 1400.
- 5. The foregoing premises are further conveyed subject to, and with the benefit of, a perpetual easement for a roadway thirty (30) feet in width extending from Lafayette Road on the South, adjacent to land of Petzold, running thence along the southerly and easterly boundary of the DLR (former Tower Restaurant) Lot of 1.92 acres, the easterly boundary of the Genimatas (Bowl-O-Rama) Lot of 2.82 acres, and the easterly boundary of the Robbins (Jerry Lewis Cinema) Lot of 2.82 acres, as shown on plan of "Subdivision of Land, Portsmouth, N.H., for Genimatas and Robbins" dated November 1978, Revised June 7, 1979 which roadway easement is reserved for use in common of, and the benefit in common of, William N. Genimatas, Henry J. Robbins, Joan M. Robbins, and DLR, Inc., and their respective heirs, devisees, successors and assigns. Owners of Lots #1, 2, and 3 in said Subdivision agree that they will equally contribute to development and maintenance of such thirty (30) foot right-of-right as a passable gravel way, excluding winter maintenance such as snow plowing and clearing way of snow, ice, slush or water.
- 6. The premises hereby conveyed (the "Premises") shall be SUBJECT TO the restriction (this "Use Restriction") that the business of a movie theater shall not be conducted or maintained upon the Premises or any portion thereof for a period of twenty (20) years from October 10, 2007, the date of the recording of the deed from Canavan Properties, LLC, to MANI Properties, LLC recorded in the Rockingham County Registry of Deeds at Book 4851, Page 526 (the "Restriction Term"). By the acceptance of this Deed, the within grantee agrees to be bound by this Use Restriction. This Use Restriction shall run with the land and be binding upon the within grantee, the within grantee's successor and

assigns, and the Premises and every part thereof for the duration of the Restriction Term; and in each and every Deed to the Premises or any portion thereof given during the Restriction Term, the then grantor shall undertake to insert a clause referring to this Use Restriction. This Use Restriction is for the benefit of Hoyts Cinemas Corporation, a Delaware Corporation, and its subsidiaries, and their respective successors and assigns (collectively, "Hoyts"), and Hoyts, as a former tenant of the Premises and for consideration paid to the within grantor, shall have the right to enforce this Use Restriction.

7. A portion of the above premises, more particularly bounded and described as set forth below, is subject to a perpetual easement for the installation and maintenance of utility lines:

A certain tract or parcel of land situate on the Easterly side of Lafayette Road, Portsmouth, Rockingham County, New Hampshire, described as follows:

Beginning at a point in the Easterly sideline of Lafayette Road at the Northwest comer of the parcel herein described and the Southwest comer of land of the City of Portsmouth; thence running North 81°43' East two hundred eighty-one and seven tenths (281.7) feet to an iron pipe at land now or formerly of Ledgewood Manor Associates; thence turning and running South 05°56' West by said Ledgewood Manor Associates land ten and thirty-two hundredths (10.32) feet to a comer at other land now or formerly of MGR Realty; thence turning and running South 81°43' West sixty-seven and fifty-six hundredths (67.56) feet; South 59°00' West ten and eighty-eight hundredths (10.88) feet and South 66°12' West one hundred seventy-eight and ten hundredths (178.10) feet to a point; thence continuing on the arc of a curve to the left having a radius of 50 feet an arc distance of fifty-two and fifty-nine hundredths (52.59) feet to a point in the easterly sideline of Lafayette Road, said previous four courses being along land now or formerly of MGR Realty; thence turning and running North 05°56' East one and sixty-nine hundredths (1.69) feet and North 05°31' West ninety-six and two tenths (96.2) feet by the Easterly sideline of Lafayette Road to the point of beginning.

The said easement rights are preserved and more fully described in a certain Partial Termination of Easement granted by RPL Properties, LLC to DiLorenzo Lafayette Ledgewood Real Estate, LLC, dated November 3, 2015 and recorded in the Rockingham County Registry of Deeds as of the date hereof, and as set forth therein consist of the rights of RPL Properties, LLC, its successors and assigns ("RPL") to install, lay, maintain, replace and repair and use utility lines of all types including, without limitation, water mains, gas mains, electric wires (above and below grade) and telephone lines (above and below grade), storm and sanitary sewer drains and catch basins, together with all facilities related to the use, operations and maintenance of such utility lines, and the right to pass and re-pass over said premises for the foregoing purposes. Any such work performed by RPL shall be undertaken so as to minimize disruption, disturbance or damage to the premises herein conveyed, and once commenced, such work shall be diligently

pursued to completion. Any damage or disturbance to the premises herein conveyed shall be repaired or restored in a prompt and workmanlike manner as nearly as practicable to the condition that existed immediately prior to such damage or destruction.

Meaning and intending to convey Lot #1, as shown on plan entitled "Subdivision of Land, Portsmouth, N.H., for Genimatas and Robbins" dated November 1978, Revised June 7, 1979, being Durgin Plan #5558, File #689, drawn by John W. Durgin Civil Engineers, which Plan is recorded in the Rockingham County Registry of Deeds as Plan D-8806. See also Warranty Deed of DiLorenzo Lafayette Ledgewood Real Estate, LLC to Grantor dated November 9, 2015 and recorded in the Rockingham County Registry of Deeds at Book 5669, Page 667.

Meaning and intending to describe and convey the same premises conveyed to the Grantor by deed of OMJ Realty dated October 20, 2022 and recorded in the Rockingham County Registry of Deeds at Book 6448, Page 1309 on October 25, 2022.

Transfer Tax: This transfer is exempt from transfer tax pursuant to RSA 78-B:2, XXII.

Homestead: This is not homestead property.

March 30, 2023

John Galt, LLC

Mark A. McNabb, Manager

STATE OF NEW HAMPSHIRE COUNTY OF ROCKINGHAM

The foregoing instrument was acknowledged before me this ______ day of March, 2023 by Mark A. McNabb, Manager of John Galt, LLC a New Hampshire limited liability company, on behalf of the company.

Notary Public/Justice of the Peace

My Commission expires:

Water Quality Units





Water Quality Units

Standards for storm water quality will vary by location and land use. The most targeted sources of runoff pollution are paved areas in urban and industrial sites. These are generally area with high traffic loads, such as parking lots and gas stations, that generate significant concentrations of contaminant particles and hydrocarbons.

Because of land constraints, ADS underground Water Quality Units have become an increasingly efficient solution for treating storm water. These durable, lightweight structures have been specifically designed for fast installation and easy maintenance.

Benefits

- Independent testing shows the following:
 - 80% TSS removal
 - 80% oil and grease removal
 - 74% heavy metals removal
 - Greater than 40% TP removal
- · Removes floatable debris, such as oils and greases
- Available in 36"-60" (900-1500 mm) diameters
- Lightweight High-Density Polyethylene (HDPE) unit installs easily with a minimum of manpower. Heavy cranes are not necessary to install the unit
- Each unit is fitted with access risers for easy inspection and maintenance of the sediment and oil chambers
- The unit is inexpensive because the design is simple and there are no moving parts
- The bypass system prevents re-suspension of captured solids by diverting water flows greater than the first flush
- HDPE resists abrasion and chemicals found in storm water and in the surrounding soil

Design and Installation

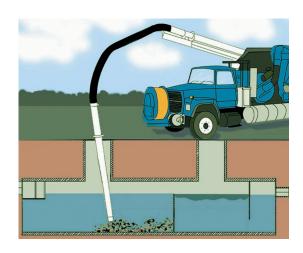
Available in 36"-60" (900-1500 mm) diameters, ADS Water Quality Units (WQU) are modified sections of N-12® pipe with weir plates at specific locations and heights to remove high percentages of sediment and oils from the first flush of a storm event. They can be installed at any point in the subsurface drainage system and are ideally suited to treat "hot spots" in existing storm water lines.

The unit is designed using the fundamental principles of Stoke's Law and a standard orifice outlet control. The settling velocity of a particle is calculated based on the smallest particle to be removed. Standard units offer a choice of 140 or 200 sieve size removal (106 and 75 μ m) particle sizes, respectively.

The outlet orifice is sized to release a typical first flush discharge and to redirect any excess flow to a bypass piping system installed with the unit.

Water Quality Units are designed and manufactured to meet ASTM F27737 - Standard Specification for Corrugated HDPE Water Quality Units.







Installation of WQUs follows the same accepted practices as for the installation of large diameter flexible pipe. Specific installation instructions, along with details on specifying the proper size of a WQU, are available in Technical Note 1.03 and Installation Guide 2.01. You can also find more information on the ADS website adspipe.com.

The heart of the treatment train

For many drainage sites, the Water Quality Unit by itself can provide the required degree of pollutant removal. However, certain sites with higher concentrations of hydrocarbons or sediment runoff will need further treatment upstream and/ or downstream of the unit. This multi-tiered approach to storm water quality is known as the *treatment train*.

Upstream measures include sediment prevention (vegetated swales, etc.) and inlet protection devices such as screens, filters and silt fences. These techniques are designed to prevent a large percentage of pollutants from ever entering the storm drain system. For impervious surfaces such as paved parking areas, catch basin insert filters are most commonly used for early stage treatment.

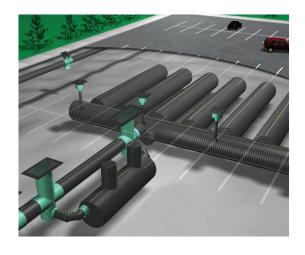
Retention/Detention

Treatment downstream from the WQU generally involves some form of retention or detention system. Retention allows accumulated storm water to gradually percolate into the surrounding soil, while detention meters the water through an outlet to a ditch, stream or other receiving area.

Inlet designs to such underground storage vessels can also enhance pollutant removal. The "eccentric header system" consists of a large diameter manifold pipe with an invert positioned lower than those of the smaller inlet pipes to the storage vessels. The large header pipe thus acts as a sump into which suspended particles may settle. Manholes and/or risers may be installed to facilitate inspection and cleaning.

Designers can choose between two methods of constructing the retention or detention system. The first is the use of ADS N-12 large diameter corrugated HDPE pipe, known for its economy and ease of installation. The second option is StormTech®, specially engineered to meet the demands of subsurface storm water management applications.

ADS supplies a complete line of pipe, fittings and fabricated manifolds, along with detailed sizing, design and installation instructions on our website at *adspipe.com*.







ADS Storm Water Quality Unit Specification

Scope

This specification describes 36- through 60-inch (900 to 1500 mm) storm Water Quality Unit for use in onsite point source storm water treatment applications.

Requirements

Water Quality Units shall have a smooth interior and annular exterior corrugations meeting the requirements of ASTM F2737.

The unit shall have at least three containment zones, each zone separated from the next by use of a weir or baffle plate.

Weir and baffle plates shall be welded at all interfaces between the plate and Water Quality Unit. First weir plate shall incorporate a saw tooth design and shall be reinforced with stiffeners positioned horizontally on the downstream side of the plate to be retained.

Water Quality units shall provide adequate clean-out and inspection areas.

Joint Performance

Connections for the bypass line and the unit shall utilize the same joint quality as specified for the main storm sewer pipe. Couplers for the bypass line may be either split couplers, in-line bell couplers, snap couplers, bell-bell couplers, or welded bell couplers.

Material Properties

Material for pipe and fittings used to produce Water Quality Units shall be high-density polyethylene conforming with the minimum requirements of cell classification 424420C for 4- through 10-inch (100 to 250 mm) diameters, and 435400C for 12- through 60-inch (300 to 1500 mm) diameters, as defined and described in the latest version of ASTM D3350. The pipe material shall be evaluated using the notched constant ligament-stress (NCLS) test as specified in Sections 9.5 and 5.1 of AASHTO M294 and ASTM F2306, respectively. All smooth baffle and weir plates shall be high density polyethylene.

Build America, Buy America (BABA)

ADS Storm Water Quality Unit, manufactured in accordance with AASHTO M294 or ASTM F2306, complies with the requirements in the Build America, Buy America (BABA) Act.

Installation

Installation shall be in accordance with the ADS recommended installation guidelines, utilizing a Class I (ASTM D2321) structural backfill material or flowable fill (CLSM - Controlled Low Strength Material). Contact your local ADS representative or visit *adspipe.com* for the latest installation guidelines.

Performance

Water Quality Units shall remove a minimum of 80% of the first flush total suspended solids (TSS) based on flow rates and corresponding sieve sizes shown in Table 1. Water Quality Units shall be installed "offline" to prevent re-suspension of solids in high flow situations. Offline installation shall be constructed utilizing an ADS bypass structure. Flow through the unit shall be controlled by an orifice fabricated on the outlet end of the structure.



COMMERCIAL DEVELOPMENT

OWNER:

ATLAS COMMONS, LLC **3 PLEASANT STREET** SUITE #400 PORTSMOUTH, NH 03801

LANDSCAPE ARCHITECT:

TERRA FIRMA LANDSCAPE ARCHITECTURE 163A COURT STREET PORTSMOUTH, NH 03801 TEL. (603) 430-8388

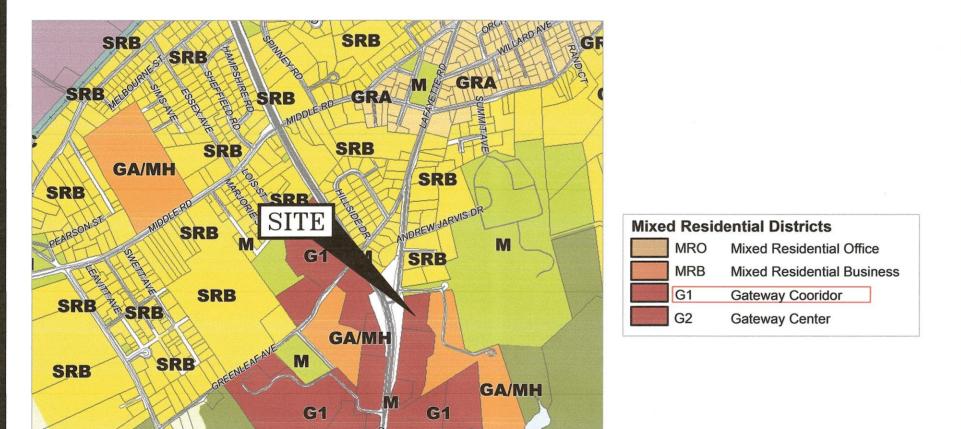
581 LAFAYETTE ROAD PORTSMOUTH, NEW HAMPSHIRE SITE PERMIT PLANS

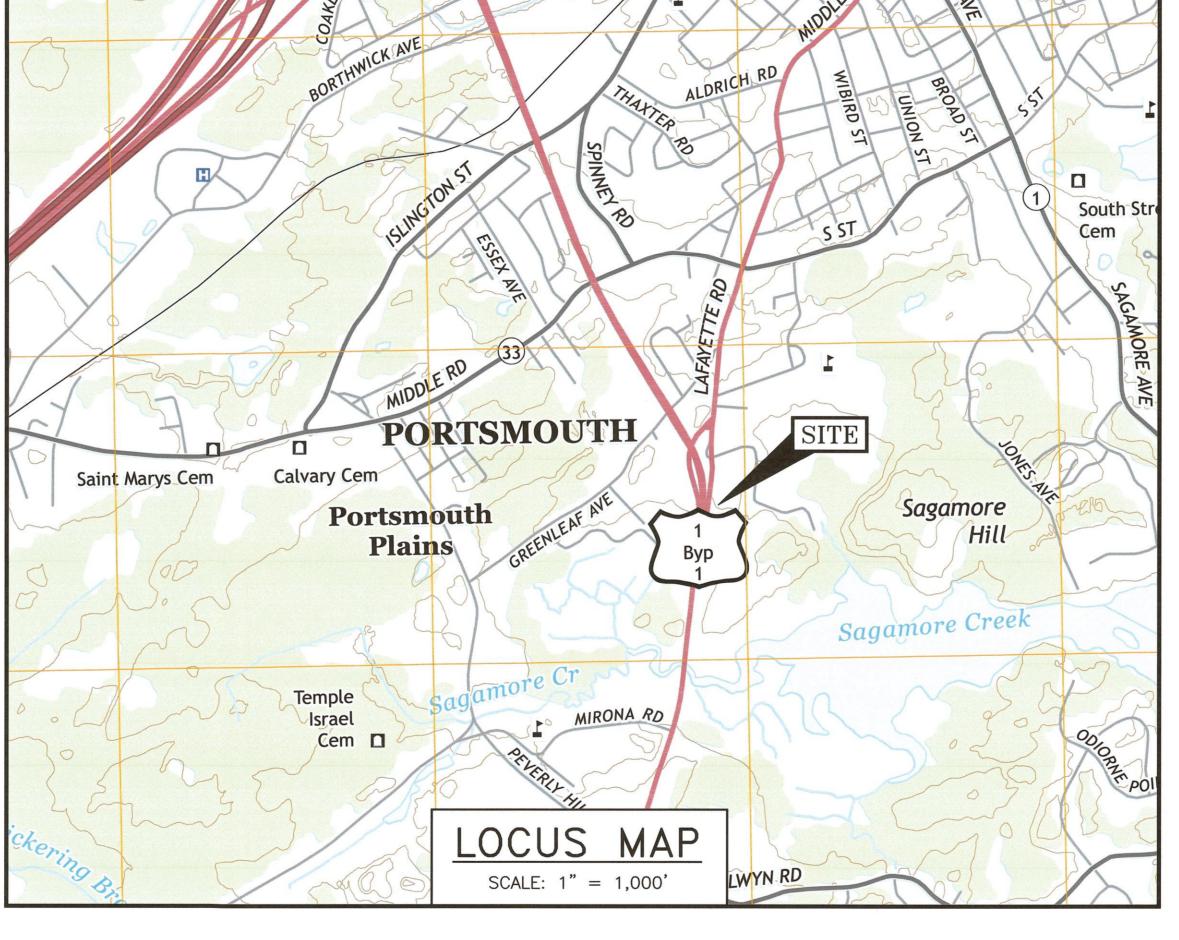
LAND SURVEYOR & CIVIL ENGINEER:

AMBIT ENGINEERING, INC. 200 GRIFFIN ROAD, UNIT 3 PORTSMOUTH, N.H. 03801 Tel. (603) 430-9282 Fax (603) 436-2315

ARCHITECT:

ARCOVE ARCHITECTS 3 CONGRESS STREET, SUITE PORTSMOUTH, NH 03801 TEL. (603) 988-0042







INDEX OF SHEETS

DWG No.

EXISTING CONDITIONS PLAN

DEMOLITION PLAN

SITE PLAN

PARKING PLAN

UTILITY PLAN

GRADING, DRAINAGE, EROSION CONTROL PLAN

RENDERINGS

ELEVATIONS

FLOOR PLANS

UTILITY CONTACTS

ELECTRIC: EVERSOURCE 1700 LAFAYETTE ROAD PORTSMOUTH, N.H. 03801 Tel. (603) 436-7708, Ext. 555.5678 ATTN: MICHAEL BUSBY, P.E. (MANAGER)

SEWER & WATER:

680 PEVERLY HILL ROAD

PORTSMOUTH, N.H. 03801

Tel. (603) 427-1530

ATTN: JIM TOW

325 WEST ROAD PORTSMOUTH, N.H. 03801 Tel. (603) 294-5144 ATTN: DAVE BEAULIEU

NATURAL GAS:

COMMUNICATIONS: PORTSMOUTH DEPARTMENT OF PUBLIC WORKS FAIRPOINT COMMUNICATIONS JOE CONSIDINE 1575 GREENLAND ROAD GREENLAND, N.H. 03840 Tel. (603) 427-5525

CABLE: COMCAST 155 COMMERCE WAY PORTSMOUTH, N.H. 03801 Tel. (603) 679-5695 (X1037) ATTN: MIKE COLLINS

PERMIT LIST:

NHDES SEWER DISCHARGE PERMIT: TO BE SUMBITTED PORTSMOUTH SITE PLAN APPROVAL: PENDING

LEGEND:

FYICTING	DDODOCED	
EXISTING	<u>PROPOSED</u>	DDODEDTY LINE
		PROPERTY LINE SETBACK
s	s	SEWER PIPE
SL	SL	SEWER LATERAL
—— G ——	G	GAS LINE
D	D	STORM DRAIN
w	w	WATER LINE WATER SERVICE
UGE	—— UGE ——	UNDERGROUND ELECTRIC
—— ОНЖ ——	——— OHW ———	OVERHEAD ELECTRIC/WIRES
	—— UD ——	FOUNDATION DRAIN
		EDGE OF PAVEMENT (EP)
	100	CONTOUR
97x3 - ○ -	98x0	SPOT ELEVATION UTILITY POLE
-0- ''''		WALL MOUNTED EXTERIOR LIGHTS
- <u>X</u>	——————————————————————————————————————	TRANSFORMER ON CONCRETE PAD
[2228]		ELECTRIC HANDHOLD
450 GSO	NSO GSO	SHUT OFFS (WATER/GAS)
\bowtie	GV	GATE VALVE
	++++D	HYDRANT
СВ	СВ	CATCH BASIN
<u>(S)</u>	SMH	SEWER MANHOLE
(D)	DMH	DRAIN MANHOLE
(1)	TMH	TELEPHONE MANHOLE
14)	(14)	PARKING SPACE COUNT
PM		PARKING METER
LSA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LANDSCAPED AREA
TBD	TBD	TO BE DETERMINED
CI	CI	CAST IRON PIPE
COP DI	COP DI	COPPER PIPE DUCTILE IRON PIPE
PVC	PVC	POLYVINYL CHLORIDE PIPE
RCP	RCP	REINFORCED CONCRETE PIPE
AC	_	ASBESTOS CEMENT PIPE
VC EP	VC EP	VITRIFIED CLAY PIPE EDGE OF PAVEMENT
EL.	EL.	ELEVATION
FF	FF	FINISHED FLOOR
INV	INV	INVERT
S = TBM	S = TBM	SLOPE FT/FT TEMPORARY BENCH MARK
TYP	TYP	TYPICAL

SITE PLANS COMMERCIAL DEVELOPMENT 581 LAFAYETTE ROAD PORTSMOUTH, N.H.



WWW.HALEYWARD.COM

Portsmouth, NH 03801 603.430.9282

PLAN SET SUBMITTAL DATE: 5 SEPTEMBER 2023

CHAIRMAN

PORTSMOUTH APPROVAL CONDITIONS NOTE:

PORTSMOUTH SITE PLAN REVIEW REGULATIONS.

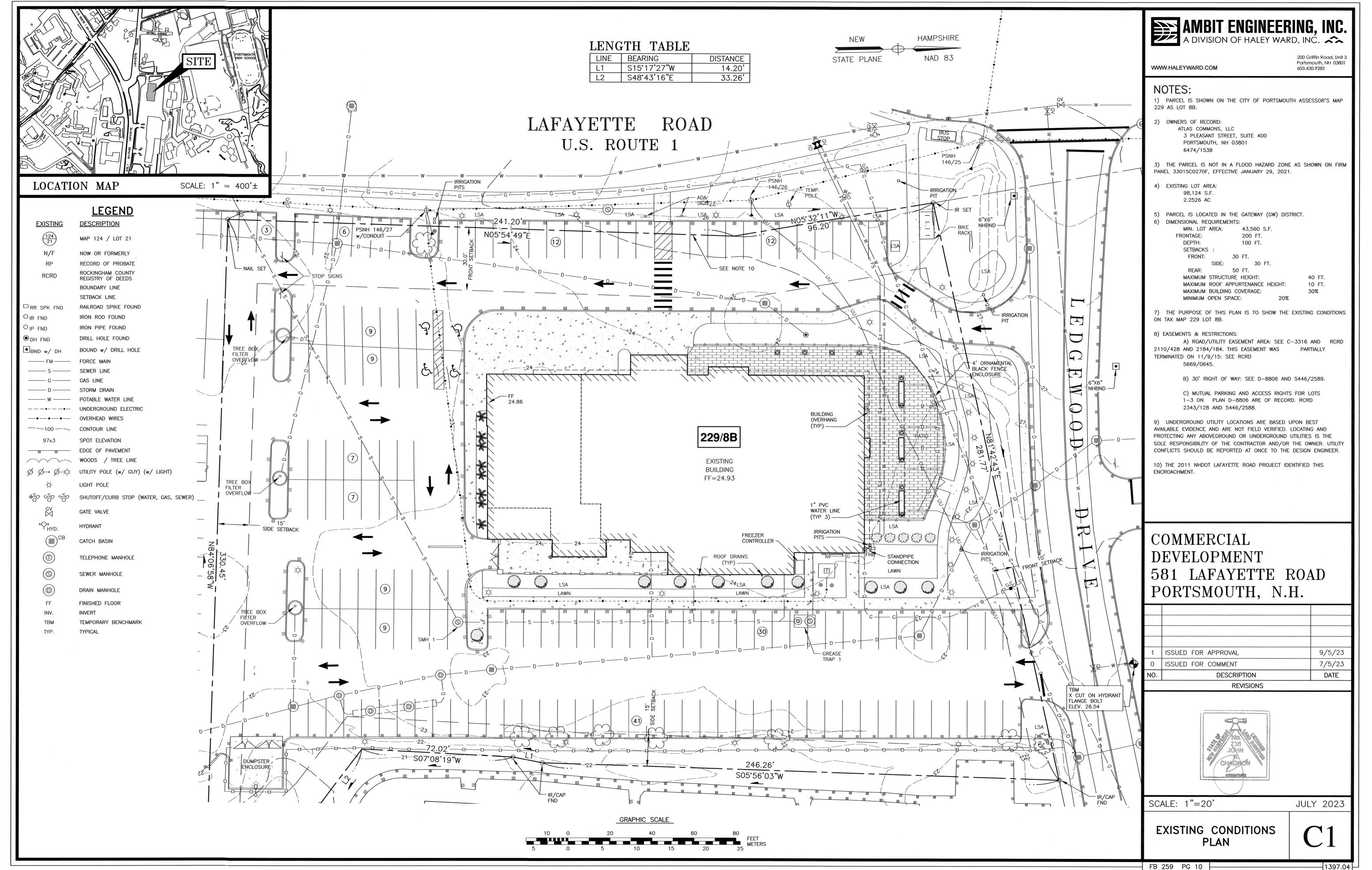
ALL CONDITIONS ON THIS PLAN SET SHALL REMAIN IN EFFECT IN

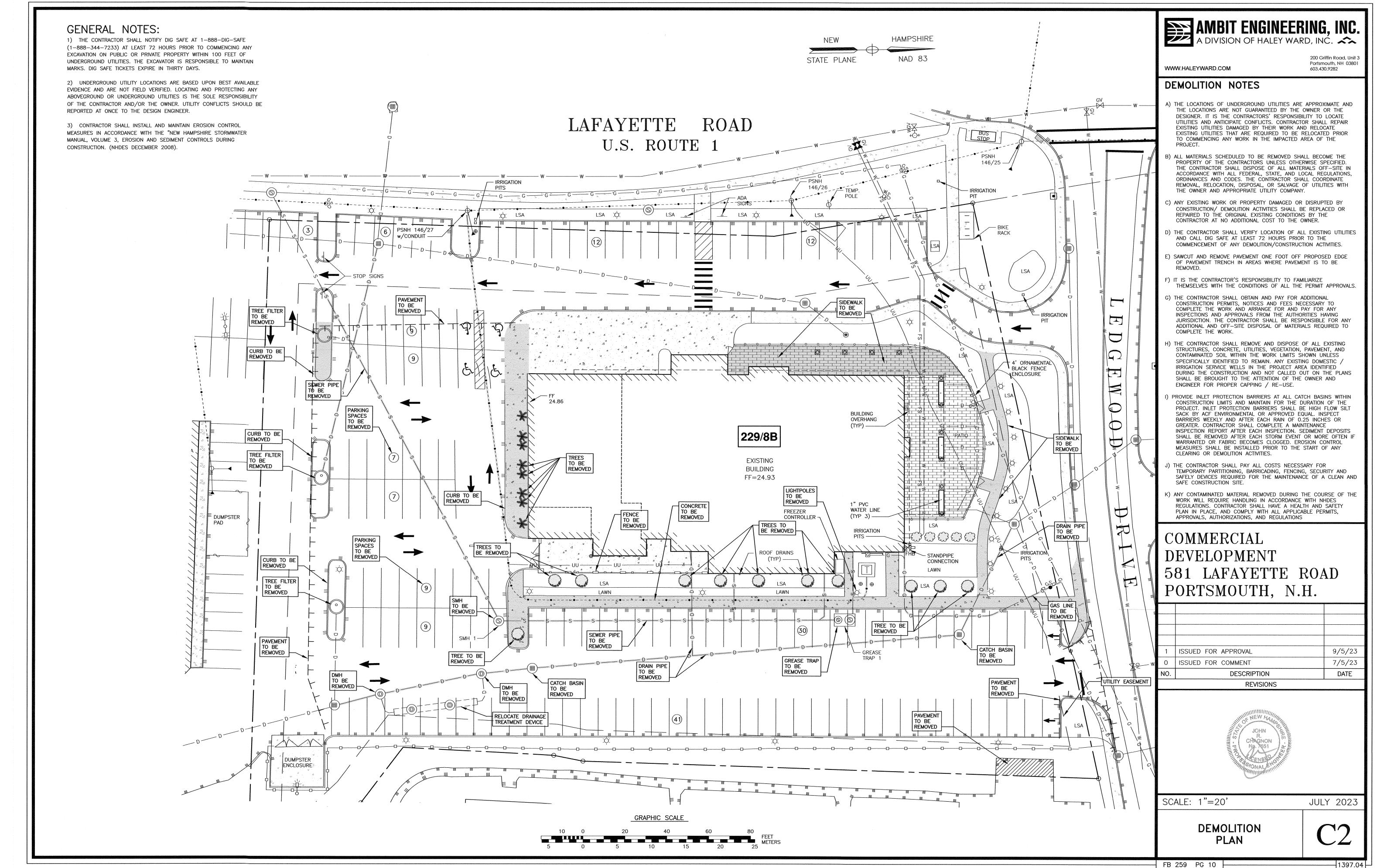
APPROVED BY THE PORTSMOUTH PLANNING BOARD

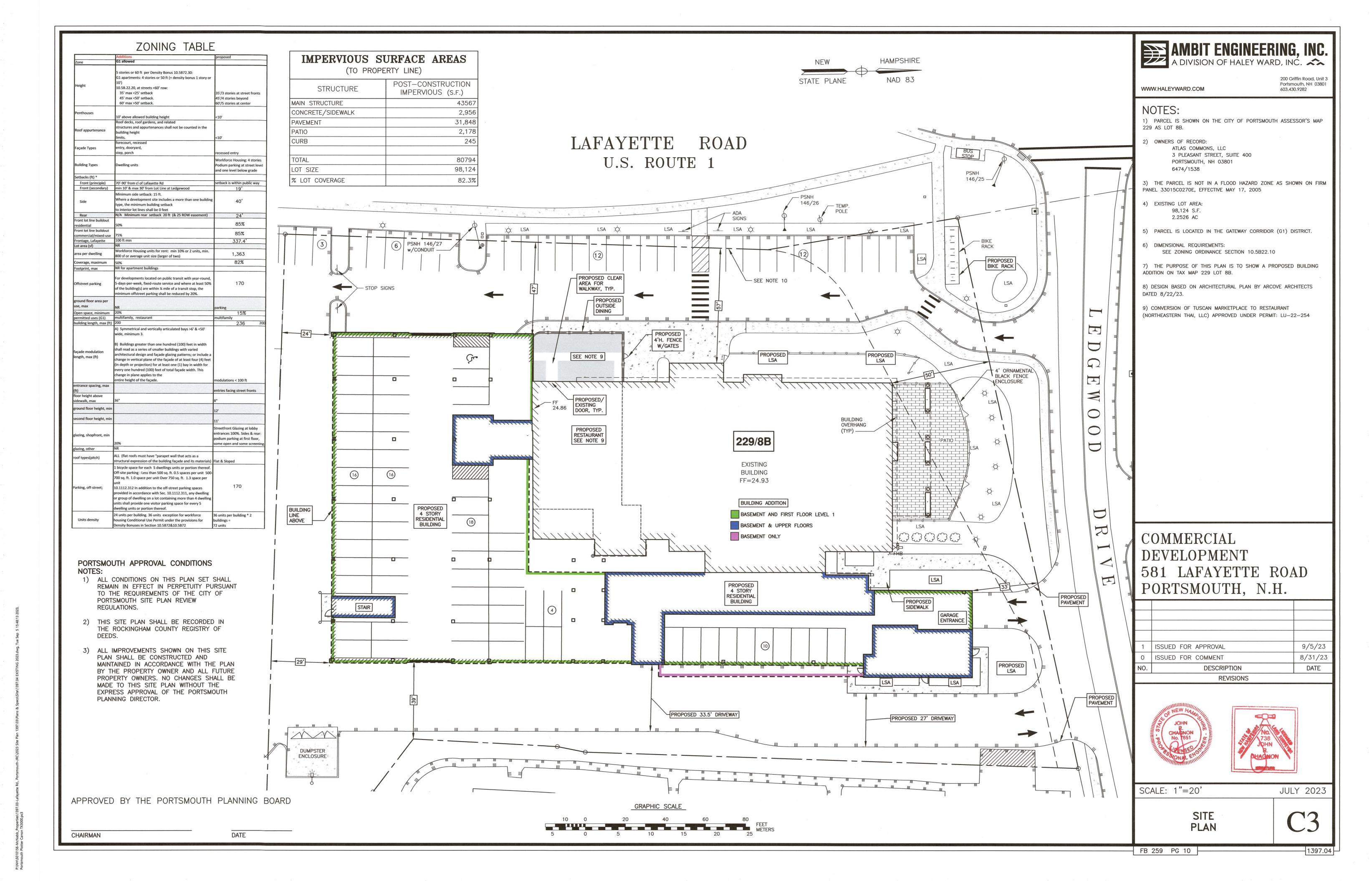
PERPETUITY PURSUANT TO THE REQUIREMENTS OF THE CITY OF

DATE

5010156 1397.04







REQUIRED PARKING:

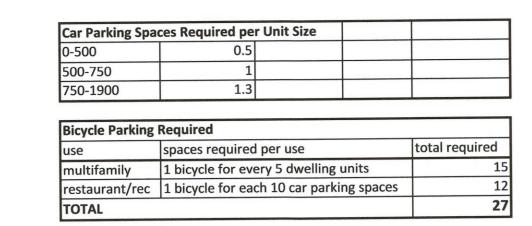
		L Lafayette Ro :/Parking Ana	
	Se	ptember 5, 20)23
ARCOVE			
1 bedroom units 500-900 sf	Room No.	Area (sf)	spaces/unit
Level	ROOM NO.	Area (SI)	spaces/unit
LEVEL 2	A201	3,028	1.30
LEVEL 2	A202	963	1.30
LEVEL 2	A203	1,682	1.30
LEVEL 2	A204	963	1.30
LEVEL 2	A205	968	1.30
LEVEL 2	A206	1,066	1.30
LEVEL 2	A207	615	1.00
LEVEL 2	A208	1,553	1.30
LEVEL 2	B201	597	1.00
LEVEL 2	B202	536	1.00
LEVEL 2	B203	741	1.00
LEVEL 2	B204	1,219	1.30
LEVEL 2	B205	1,382	1.30
LEVEL 2	B206	1,565	1.30
LEVEL 2	B207	660	1.00
LEVEL 2	B208	648	1.00
LEVEL 3	A301	3,028	1.30
LEVEL 3	A302	970	1.30
LEVEL 3	A303	1,120	1.30
LEVEL 3	A304	970	1.30
LEVEL 3	A305	518	1.30
LEVEL 3	A306	498	0.50
LEVEL 3	A307	1,069	1.30
LEVEL 3	A308	440	0.50
LEVEL 3	A309	617	1.00
LEVEL 3	A310	1,549	1.30
LEVEL 3	B301	750	1.00
LEVEL 3	B302	996	1.30
LEVEL 3	B303	595	1.00
LEVEL 3	B304	465	0.50
LEVEL 3	B305	686	1.00
LEVEL 3	B306	479	0.50
LEVEL 3	B307	481	0.50
LEVEL 3	B308	605	1.00
LEVEL 3	B309	493	0.50
LEVEL 3	B310	1,437	1.30

Total Units:	Total Units 72	Par	king Req. 71.80
LEVEL 5	B508	442	0.5
LEVEL 5	B507	446	0.5
LEVEL 5	B506	474	0.5
LEVEL 5	B505	681	1.0
LEVEL 5	B503 B504	416	0.5
LEVEL 5	B502	600	1.0
LEVEL 5	B501	624	1.0
LEVEL 5	A509	900 587	1.0
LEVEL 5	A508		1.3
LEVEL 5	A507	395 564	1.3 1.0
LEVEL 5	A506	895	
LEVEL 5	A505	438	1.3
LEVEL 5	A504	488	0.5 0.5
LEVEL 5	A503	855	1.0
LEVEL 5	A501	856	1.3
LEVEL 4	B410	1,377	1.3
LEVEL 4	B409	636	1.0
LEVEL 4	B408	609	1.0
LEVEL 4	B407	386	0.5
LEVEL 4	B406	422	0.5
LEVEL 4	B405	405	0.5
LEVEL 4	B404	354	0.5
LEVEL 4	B403	599	1.00
LEVEL 4	B402	1,001	1.30
LEVEL 4	B401	750 1 001	1.00
LEVEL 4	A410	1,415	1.30
LEVEL 4	A409	553	1.00
LEVEL 4	A408	406	0.50
LEVEL 4	A407	923	1.30
LEVEL 4	A406	409	0.50
LEVEL 4	A405	912	1.30
LEVEL 4	A404	846	1.30
LEVEL 4	A403	489	0.50
LEVEL 4	A402	846	1.30
LEVEL 4	A401	2,579	1.30

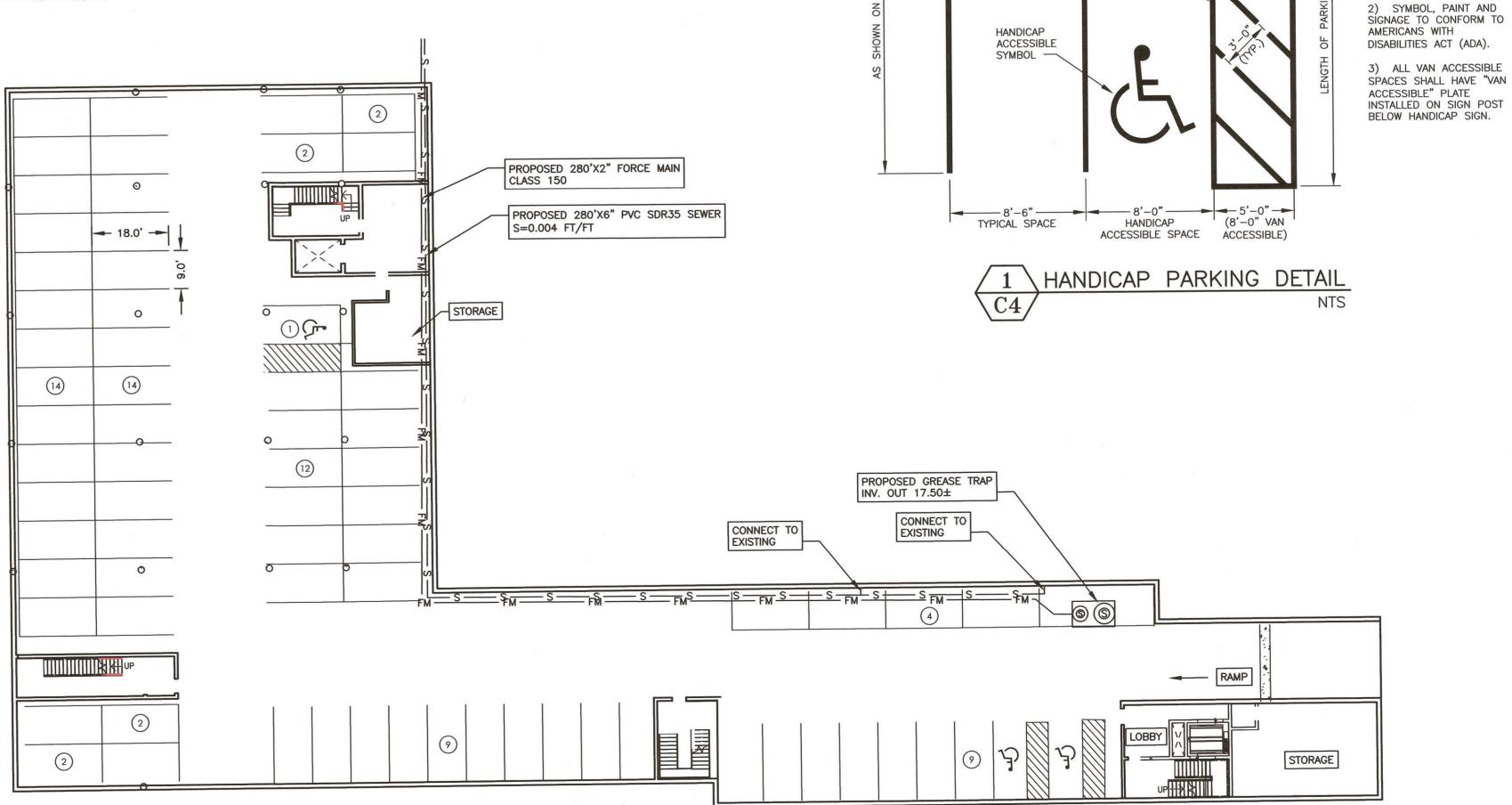
(3.59)

TOTAL residential automobile parking

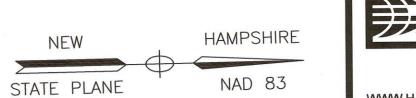
Bicycle parking deduction - 1 space for 6 bikes max 5% =



Apartments Parking Required subtotal parking spaces required				with gateway									
subtotal parking spaces required				deduct -20%									
Saprorai barking spaces redaire				82.6						· F			
Gateway deduct -20%				-16.5				Drinking Places		4.00			
Apartment Parking Required				66.1			9.10-9.50	All eating and drinkin		1 per 100 sf GI			
						_	4.10	Kengious, sectarian or recreational use	private non-protit	Parking demand	d analysis		
Restaurant/Recreation Parking Required					subtotal w/20		4.20	Cinema or similar ind	oor amusement	0.4 per seat, or Parking deman	d analysis		
		spaces/gfa	gfa or occ		gateway dedu			Indoor recreation use		1 per 4 persons			
restaurant		1/100	13,982.00		111		4.30	alley or arcade		occupancy			
mezzanine office		1/350				.4	4.40	Health club, yoga stud school, or similar use	lio, martial arts	1 per 250 sf GF	A		
recreation (golf)		1per 4 occ.	20.00		4	.0	4.50	Outdoor recreation		Parking deman	d analysis		
subtotal				147.8			4.60	Amusement park, w	rater park or	NA - Prohibite	d Use		
Gateway deduct -20%				-29.6 118.3		1	4.00	theme park	NEWSCHILD BOOK OF THE SECOND S	Children and Control			
Total restaurant/recreation parking required				110.5		_							
Shared Parking 10.1112.60		W	eekday		Weekend					Ni	ghttime		Maxim
Total Parking Required			eekday		Weekend	ena	2000	evening	snares	_			
Total Parking Required da		spaces	evening	spaces	daytime				spaces required	Ni (midnight- 6am)	spaces		TOTAL
Total Parking Required da Land Use [8]	8am-5pm)	spaces required	evening (6-12pm)	required	daytime (8am-5pm)	req	quired	-	spaces required 66.1	(midnight- 6am)			TOTAL
Total Parking Required da Land Use Apartments	8am-5pm) 60%	spaces required 39.6	evening (6-12pm)	required 66.1	daytime (8am-5pm)	req		(6-midnight)	required	(midnight- 6am) 100%	spaces		TOTAL
Total Parking Required da Land Use Apartments restaurant	8am-5pm) 60% 70%	spaces required 39.6 78.3	evening (6-12pm)	66.1 111.9	daytime (8am-5pm)	req	quired 52.8	(6-midnight) 100%	required 66.1	(midnight- 6am) 100% 10%	spaces	66.1	TOTAL
Total Parking Required da Land Use Apartments restaurant Office	8am-5pm) 60%	spaces required 39.6	evening (6-12pm) 100% 100% 20%	required 66.1 111.9 0.5	(8am-5pm) 80 81	req)%)%)%	52.8 89.5	(6-midnight) 100% 100%	required 66.1 111.9	(midnight- 6am) 100% 10% 5%	spaces	66.1 11.2	TOTAL
Total Parking Required da Land Use Apartments restaurant	8am-5pm) 60% 70% 100%	spaces required 39.6 78.3 2.4	evening (6-12pm) 100% 20% 100%	required 66.1 111.9 0.5	daytime (8am-5pm) 80 80 10 81	req)%)%)%	52.8 89.5 0.2	(6-midnight) 100% 100% 5%	required 66.1 111.9 0.1	(midnight- 6am) 100% 10% 5% 10%	spaces	66.1 11.2 0.1	TOTAL
Total Parking Required da Land Use (8 Apartments restaurant Office entertainment (golf) Total Required Total Parking Proposed	8am-5pm) 60% 70% 100%	spaces required 39.6 78.3 2.4 1.6	evening (6-12pm) 100% 20% 100%	required 66.1 111.9 0.5 4.0	daytime (8am-5pm) 80 80 10 81	req)%)%)%	52.8 89.5 0.2 3.2	(6-midnight) 100% 100% 5%	required 66.1 111.9 0.1 4.0	(midnight- 6am) 100% 10% 5% 10%	spaces	66.1 11.2 0.1 0.4	Maxim TOTAL Requir
Total Parking Required da Land Use Apartments restaurant Office entertainment (golf) Total Required Total Parking Proposed In-building, level 1 + basement	8am-5pm) 60% 70% 100%	spaces required 39.6 78.3 2.4 1.6	evening (6-12pm) 100% 20% 100%	required 66.1 111.9 0.5 4.0	daytime (8am-5pm) 80 80 10 81	req)%)%)%	52.8 89.5 0.2 3.2	(6-midnight) 100% 100% 5%	required 66.1 111.9 0.1 4.0	(midnight- 6am) 100% 10% 5% 10%	spaces	66.1 11.2 0.1 0.4	TOTAL
Total Parking Required da Land Use (8 Apartments restaurant Office entertainment (golf) Total Required Total Parking Proposed In-building, level 1 + basement Open air, on site	8am-5pm) 60% 70% 100%	spaces required 39.6 78.3 2.4 1.6	evening (6-12pm) 100% 20% 100%	required 66.1 111.9 0.5 4.0	daytime (8am-5pm) 80 80 10 81	req)%)%)%	52.8 89.5 0.2 3.2	(6-midnight) 100% 100% 5%	required 66.1 111.9 0.1 4.0	(midnight- 6am) 100% 10% 5% 10%	spaces	66.1 11.2 0.1 0.4	TOTAL
Total Parking Required Land Use Apartments restaurant Office entertainment (golf) Total Required Total Parking Proposed In-building, level 1 + basement Open air, on site Off-site parking per deeded easement	8am-5pm) 60% 70% 100%	spaces required 39.6 78.3 2.4 1.6	evening (6-12pm) 100% 20% 100%	required 66.1 111.9 0.5 4.0	daytime (8am-5pm) 80 80 10 81	req)%)%)%	52.8 89.5 0.2 3.2	(6-midnight) 100% 100% 5%	required 66.1 111.9 0.1 4.0	(midnight- 6am) 100% 10% 5% 10%	spaces	66.1 11.2 0.1 0.4	TOTAL
Total Parking Required Land Use Apartments restaurant Office entertainment (golf) Total Required Total Parking Proposed In-building, level 1 + basement Open air, on site Off-site parking pro deeded easement Total parking proposed	8am-5pm) 60% 70% 100%	spaces required 39.6 78.3 2.4 1.6	evening (6-12pm) 100% 20% 100%	required 66.1 111.9 0.5 4.0	daytime (8am-5pm) 80 80 10 81	req)%)%)%	52.8 89.5 0.2 3.2	(6-midnight) 100% 100% 5%	required 66.1 111.9 0.1 4.0	(midnight- 6am) 100% 10% 5% 10%	spaces	66.1 11.2 0.1 0.4	TOTAL
Total Parking Required Land Use Apartments restaurant Office entertainment (golf) Total Required Total Parking Proposed In-building, level 1 + basement Open air, on site Off-site parking per deeded easement	8am-5pm) 60% 70% 100%	spaces required 39.6 78.3 2.4 1.6	evening (6-12pm) 100% 20% 100%	required 66.1 111.9 0.5 4.0	daytime (8am-5pm) 80 80 10 81	req)%)%)%	52.8 89.5 0.2 3.2	(6-midnight) 100% 100% 5%	required 66.1 111.9 0.1 4.0	(midnight- 6am) 100% 10% 5% 10%	spaces	66.1 11.2 0.1 0.4	TOTAL



GRAPHIC SCALE



HANDICAP **ACCESS**

AISLE

NO

PARKING

12" x 18" SIGN ON POST

SIGNAGE

1) SYMBOL TO BE

PAINTED IN ALL HANDICAPPED SPACES.

-HANDICAP ACCESS AISLE NO PARKING SIGN ---

REFLECTIVE BLUE PAINT

HANDICAP ACCESSIBLE SYMBOL

4" WIDE PAINTED

WHITE LINES

(TYPICAL) -

PROVIDE SIGN (PER ADA CODE) AT EACH HANDICAP

ACCESSIBLE SPACE

RESERVED PARKING

R7-8a 12" x 18"

SIGN ON POST

EACH SPACE SHALL HAVE THIS SIGN DISPLAYED PER ADA CODE

SIGNAGE

LEGEND SYMBOL



WWW.HALEYWARD.COM

200 Griffin Road, Unit 3 Portsmouth, NH 03801 603.430.9282

NOTES:

- 1) PARCEL IS SHOWN ON THE CITY OF PORTSMOUTH ASSESSOR'S MAP 229 AS LOT 8B.
- 2) OWNERS OF RECORD: ATLAS COMMONS, LLC 3 PLEASANT STREET, SUITE 400 PORTSMOUTH, NH 03801 6474/1538
- 3) THE PURPOSE OF THIS PLAN IS TO SHOW THE SUBSURFACE PARKING FOR THE PROPOSED SITE DEVELOPMENT ON ASSESSOR'S MAP 229 LOT 8B IN THE CITY OF PORTSMOUTH.
- 4) REQUIRED PARKING: (SEE TABLE)

COMMERCIAL DEVELOPMENT 581 LAFAYETTE ROAD PORTSMOUTH, N.H.

	, , , , , , , , , , , , , , , , , , ,	
1	ISSUED FOR APPROVAL	9/5/23
0	ISSUED FOR COMMENT	7/5/23
NO.	DESCRIPTION	DATE
	REVISIONS	
State of the later		

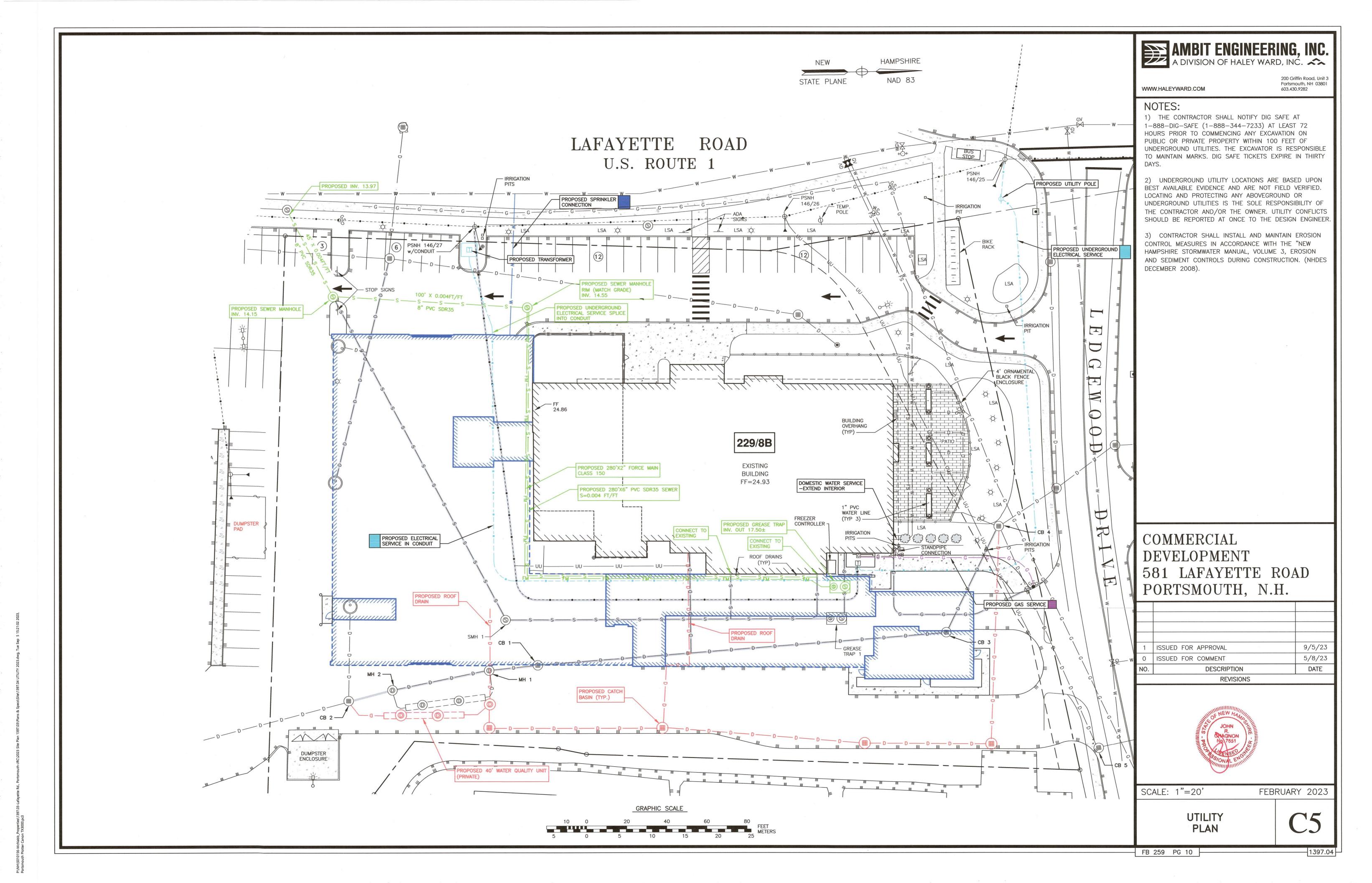
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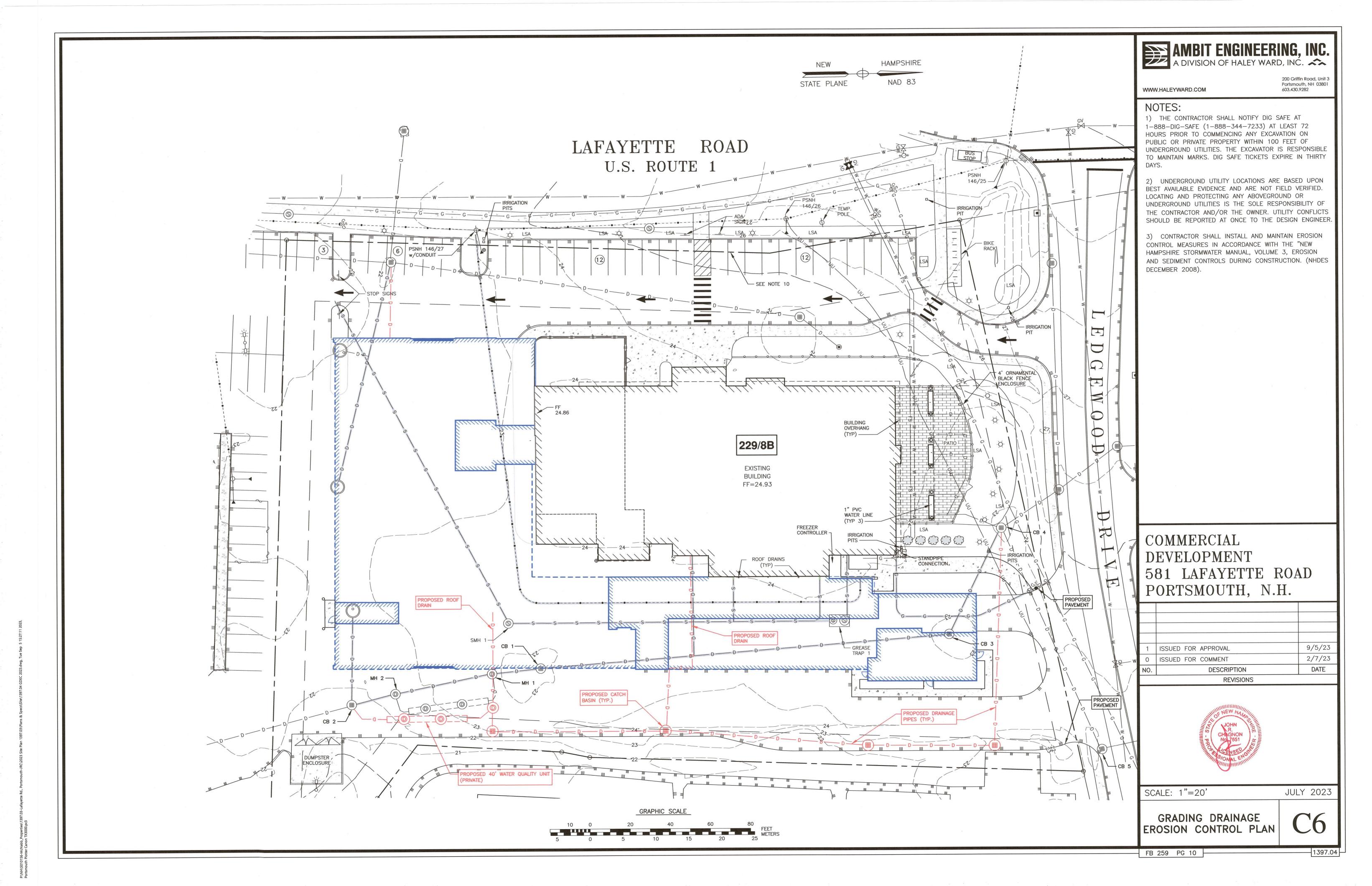
JULY 2023

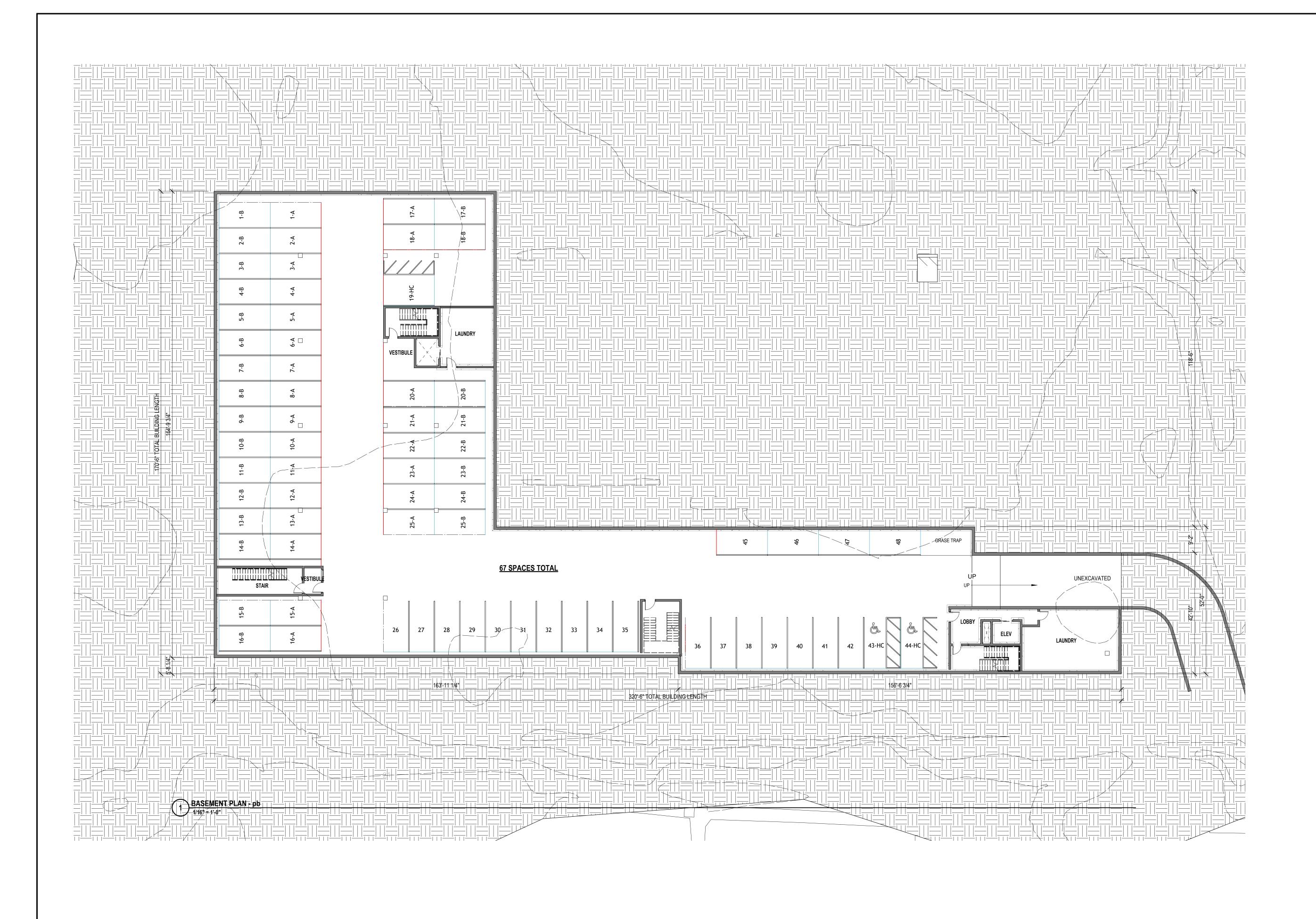
LOWER LEVEL PARKING **PLAN**

FB 259 PG 10

1397.04









581 Lafayette Road Apartments

581 LAFAYETTE RD PORTSMOUTH, NH, 03801

PROJECT NO: 1013

OWNER
ATLAS COMMONS, LLC
3 PLEASANT STREET, SUITE 400
PORTSMOUTH, NH 03801
603.427.0725

CIVIL ENGINEERINGAMBIT ENGINEERING; A DIVISION OF

HALEY WARD
200 GRIFFIN ROAD, UNIT 3
PORTSMOUTH, NH 03801
603.430.9282
https://www.ambitengineering.com/

SITE PLAN REVIEW

NO.	DATE	DESCRIPTION

BASEMENT PLAN



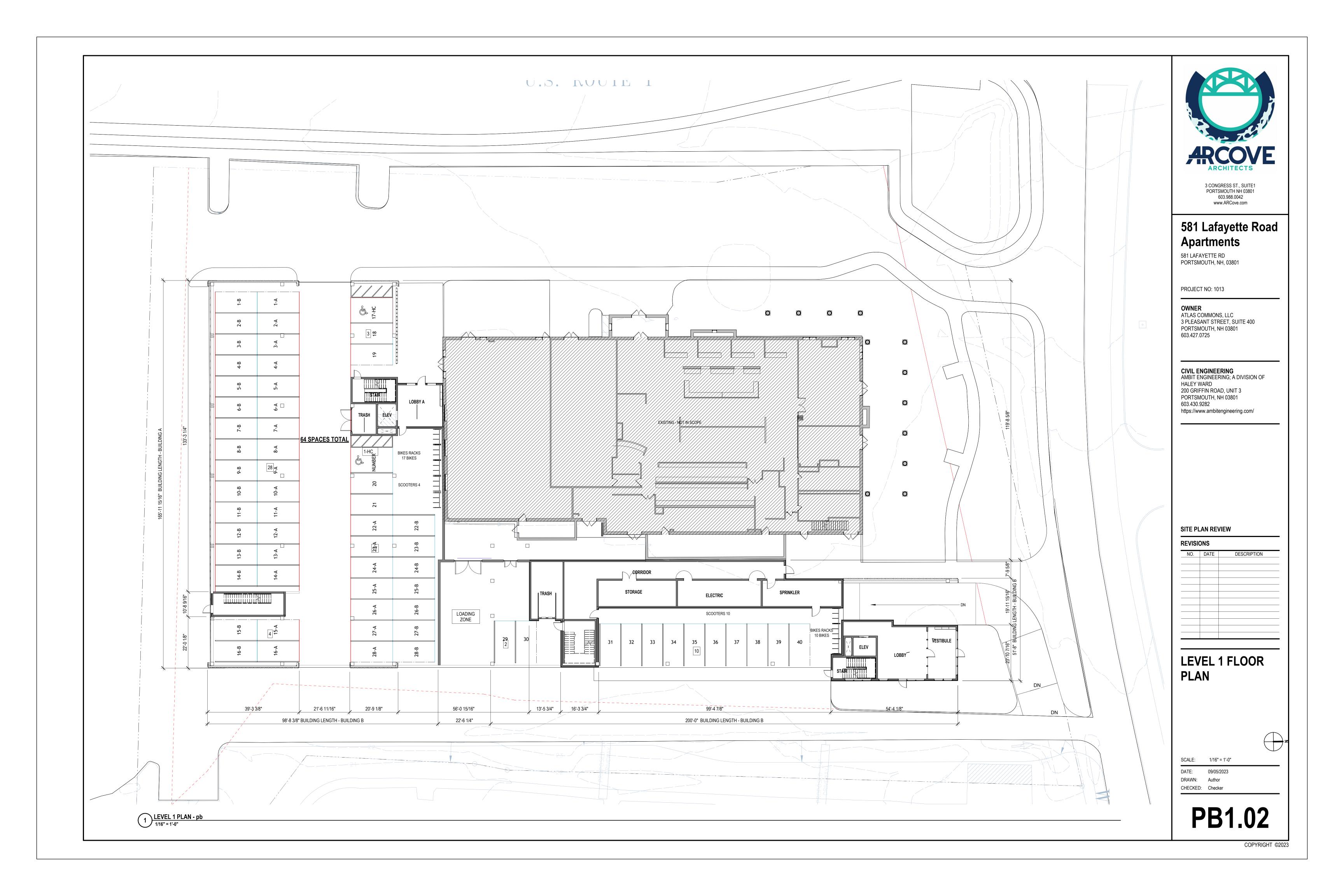
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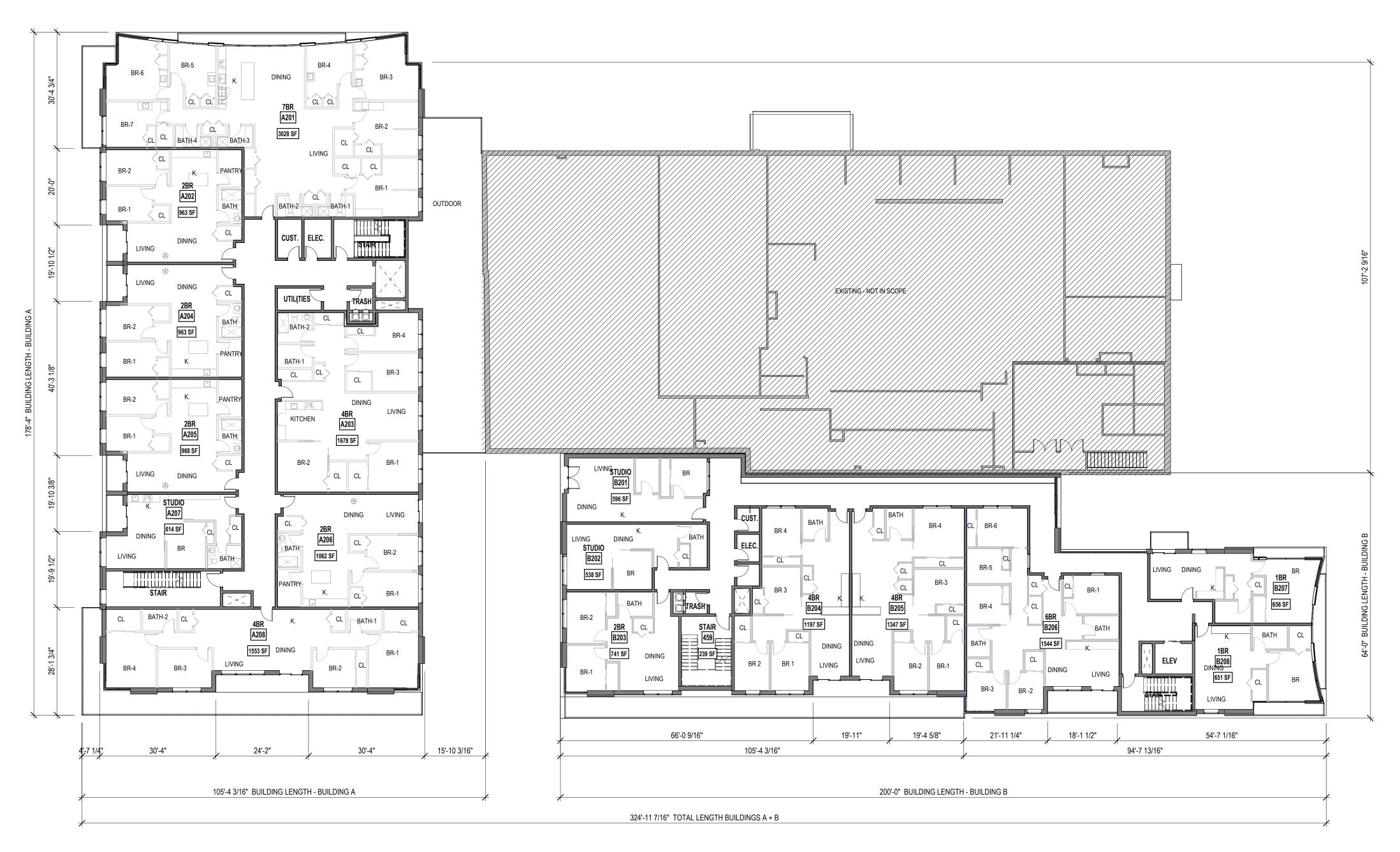
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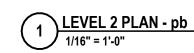
DRAWN: Author

CHECKED: Checker

PB1.0²









581 Lafayette Road **Apartments**

581 LAFAYETTE RD PORTSMOUTH, NH, 03801

PROJECT NO: 1013

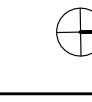
OWNER
ATLAS COMMONS, LLC
3 PLEASANT STREET, SUITE 400
PORTSMOUTH, NH 03801
603.427.0725

CIVIL ENGINEERINGAMBIT ENGINEERING; A DIVISION OF HALEY WARD 200 GRIFFIN ROAD, UNIT 3 PORTSMOUTH, NH 03801 603.430.9282 https://www.ambitengineering.com/

SITE PLAN REVIEW

REVISIONS DESCRIPTION

LEVEL 2 FLOOR PLAN



SCALE: 1/16" = 1'-0"

DRAWN: Author CHECKED: Checker





581 Lafayette Road **Apartments**

581 LAFAYETTE RD PORTSMOUTH, NH, 03801

PROJECT NO: 1013

OWNER
ATLAS COMMONS, LLC
3 PLEASANT STREET, SUITE 400
PORTSMOUTH, NH 03801 603.427.0725

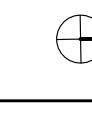
CIVIL ENGINEERINGAMBIT ENGINEERING; A DIVISION OF

HALEY WARD 200 GRIFFIN ROAD, UNIT 3 PORTSMOUTH, NH 03801 603.430.9282 https://www.ambitengineering.com/

SITE PLAN REVIEW

REVISIONS					
NO.	DATE	DESCRIPTION			

LEVEL 3 FLOOR PLAN



SCALE: 1/16" = 1'-0"

DRAWN: Author CHECKED: Checker

PB1.04





581 Lafayette Road **Apartments**

581 LAFAYETTE RD PORTSMOUTH, NH, 03801

PROJECT NO: 1013

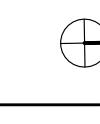
OWNER
ATLAS COMMONS, LLC
3 PLEASANT STREET, SUITE 400
PORTSMOUTH, NH 03801
603.427.0725

CIVIL ENGINEERING
AMBIT ENGINEERING; A DIVISION OF
HALEY WARD
200 GRIFFIN ROAD, UNIT 3
PORTSMOUTH, NH 03801
603.430.9282 https://www.ambitengineering.com/

SITE PLAN REVIEW

REVISIONS					
NO.	DATE	DESCRIPTION			
110.	DAIL	DEGORII HON			

LEVEL 4 FLOOR PLAN



SCALE: 1/16" = 1'-0"

DRAWN: Author CHECKED: Checker



1 <u>LEVEL 5 PLAN - pb</u> 1/16" = 1'-0"



3 CONGRESS ST., SUITE1 PORTSMOUTH NH 03801 603.988.0042 www.ARCove.com

581 Lafayette Road **Apartments**

581 LAFAYETTE RD PORTSMOUTH, NH, 03801

PROJECT NO: 1013

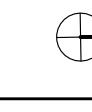
OWNER
ATLAS COMMONS, LLC
3 PLEASANT STREET, SUITE 400
PORTSMOUTH, NH 03801
603.427.0725

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SITE PLAN REVIEW

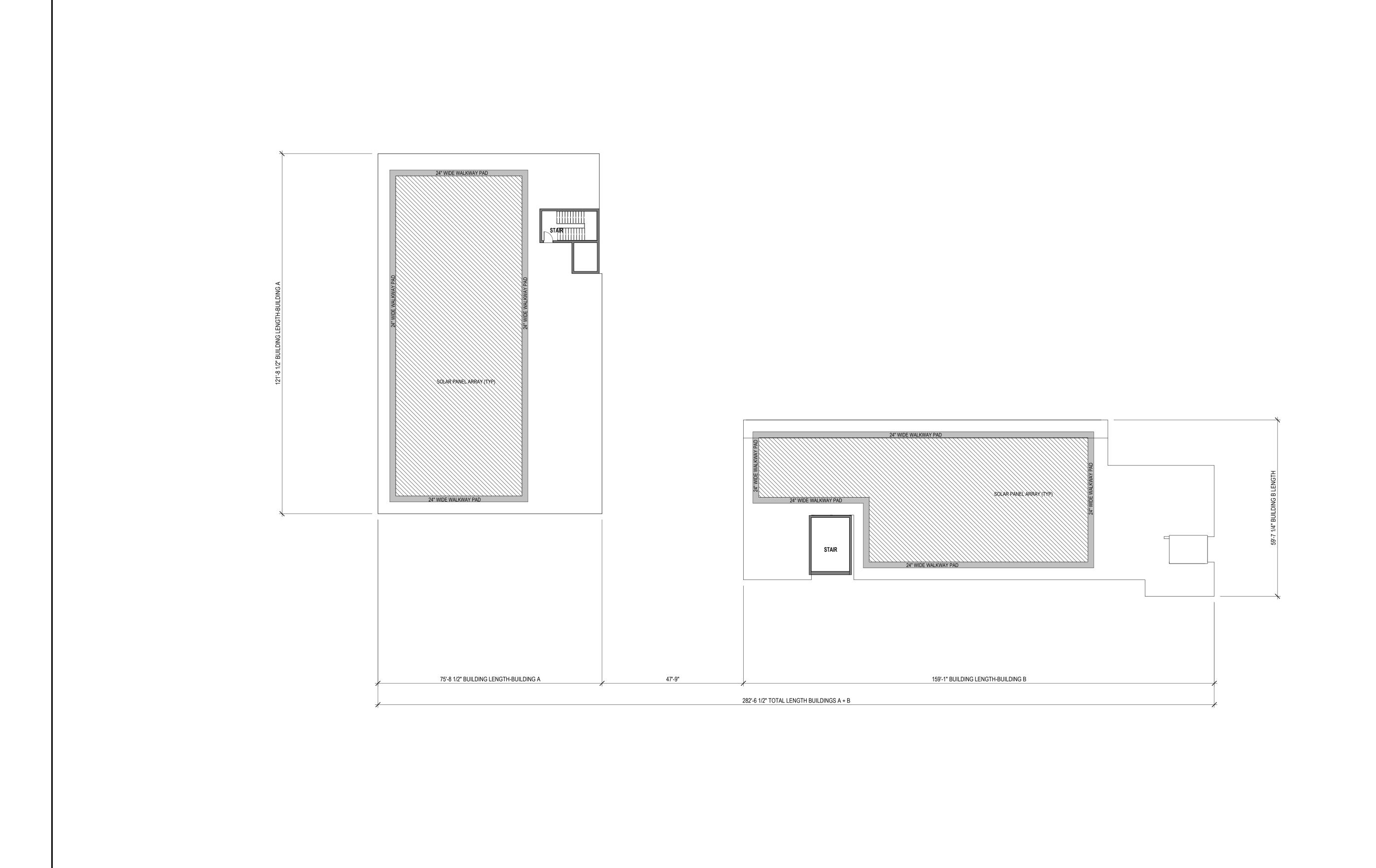
EVISIONS					
NO.	DATE	DESCRIPTION			

LEVEL 5 FLOOR PLAN



SCALE: 1/16" = 1'-0"

DRAWN: Author CHECKED: Checker



1 ROOF - pb 1/16" = 1'-0"



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581 Lafayette Road Apartments

581 LAFAYETTE RD PORTSMOUTH, NH, 03801

PROJECT NO: 1013

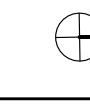
OWNER
ATLAS COMMONS, LLC
3 PLEASANT STREET, SUITE 400
PORTSMOUTH, NH 03801
603.427.0725

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SITE PLAN REVIEW

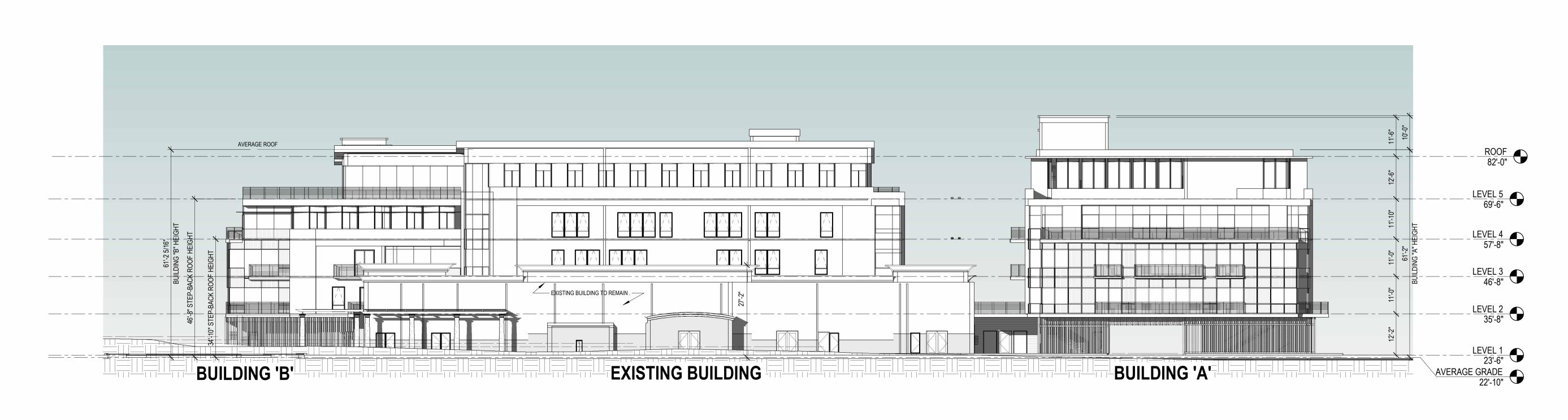
EVISIONS					
NO.	DATE	DESCRIPTION			

ROOF FLOOR PLAN

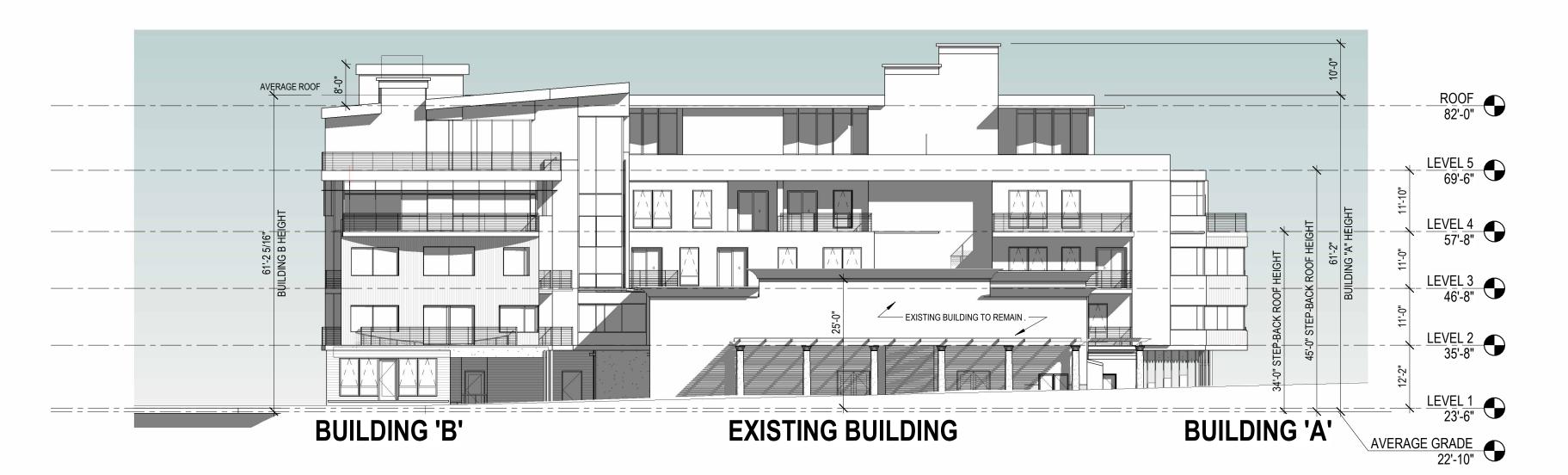


SCALE: 1/16" = 1'-0"

DRAWN: Author CHECKED: Checker



WEST ELEVATION PB
1/16" = 1'-0"



NORTH ELEVATION PB
1/16" = 1'-0"



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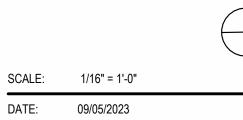
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SITE PLAN REVIEW

NO	DATE	DECODIDATION
NO.	DATE	DESCRIPTION

ELEVATIONS



DRAWN: HA CHECKED: TK

PB1.08



2 EAST ELEVATION PB
1/16" = 1'-0"

1 SOUTH ELEVATION PB
1/16" = 1'-0"





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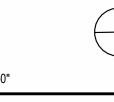
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SITE PLAN REVIEW

OHE LEAN REVIEW				
REVISIONS				
NO.	DATE	DESCRIPTION		

ELEVATIONS



SCALE: 1/16" = 1'-0" DRAWN: Author CHECKED: Checker











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SITE PLAN REVIEW **REVISIONS**

RENDERINGS

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EAST VIEW





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SITE PLAN REVIEW

REVISIONS				

RENDERINGS

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PB1.12