### SITE PLAN REVIEW TECHNICAL ADVISORY COMMITTEE PORTSMOUTH, NEW HAMPSHIRE

### WORK SESSION

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

### 2:00 PM

2:00 PM

### August 13, 2024

### **AGENDA**

Subdivision

Apex Design, Engineer (LUTW-24-9) 2:30 PM 165 Deer Street Parking Deer Street Hospitality LLC, Owner Gorrill Palmer, Engineer

Parking Demand Analysis for CUP

**3:00 PM** 282 Corporate Drive Shaines & McEachern Company, Owner Ambit Engineering INC, Engineer (LUTW-24-10)

(LU-19-242)

100 Borthwick Avenue

Northeast Credit Union, Owner

Site Plan Review

### **Authorization Form**

Dr. Alexander Slocum and Dan Humphrey, of Stonefish, LLC, authorize Apex Design Build and Allen & Major Associates, Inc., to act as an agent on behalf of Stonefish, LLC. We authorize Apex Design Build and Allen & Major Associates, Inc. to sign any permit related documents and to speak on our behalf regarding the proposed project at 100 Borthwick Ave, Portsmouth, New Hampshire.

DocuSigned by: ler A Slocum llesan 3D12526EBF66412

Signature

Dr. Alexander Slocum Name

7/30/2024 | 2:03:47 PM CDT

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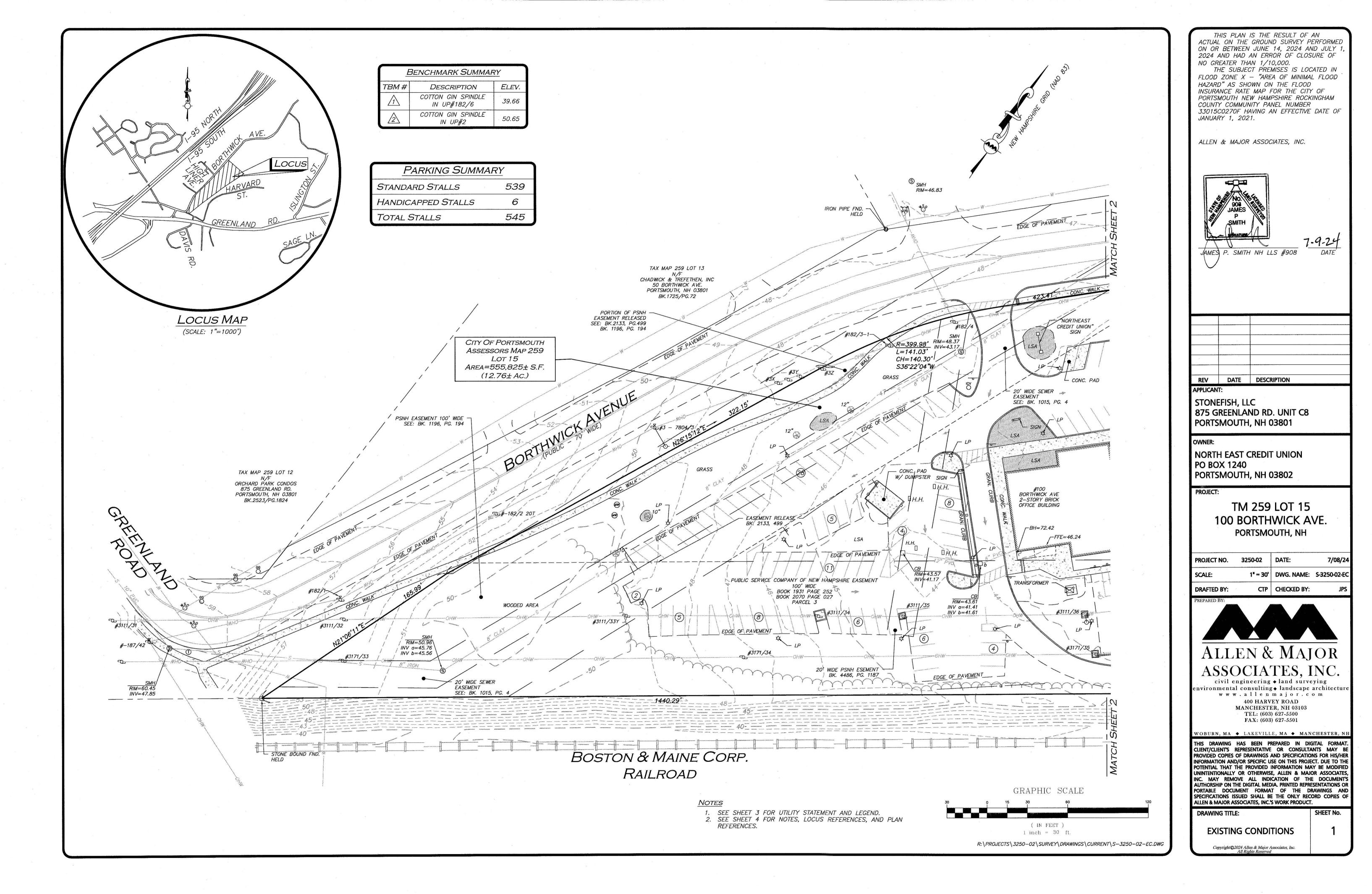
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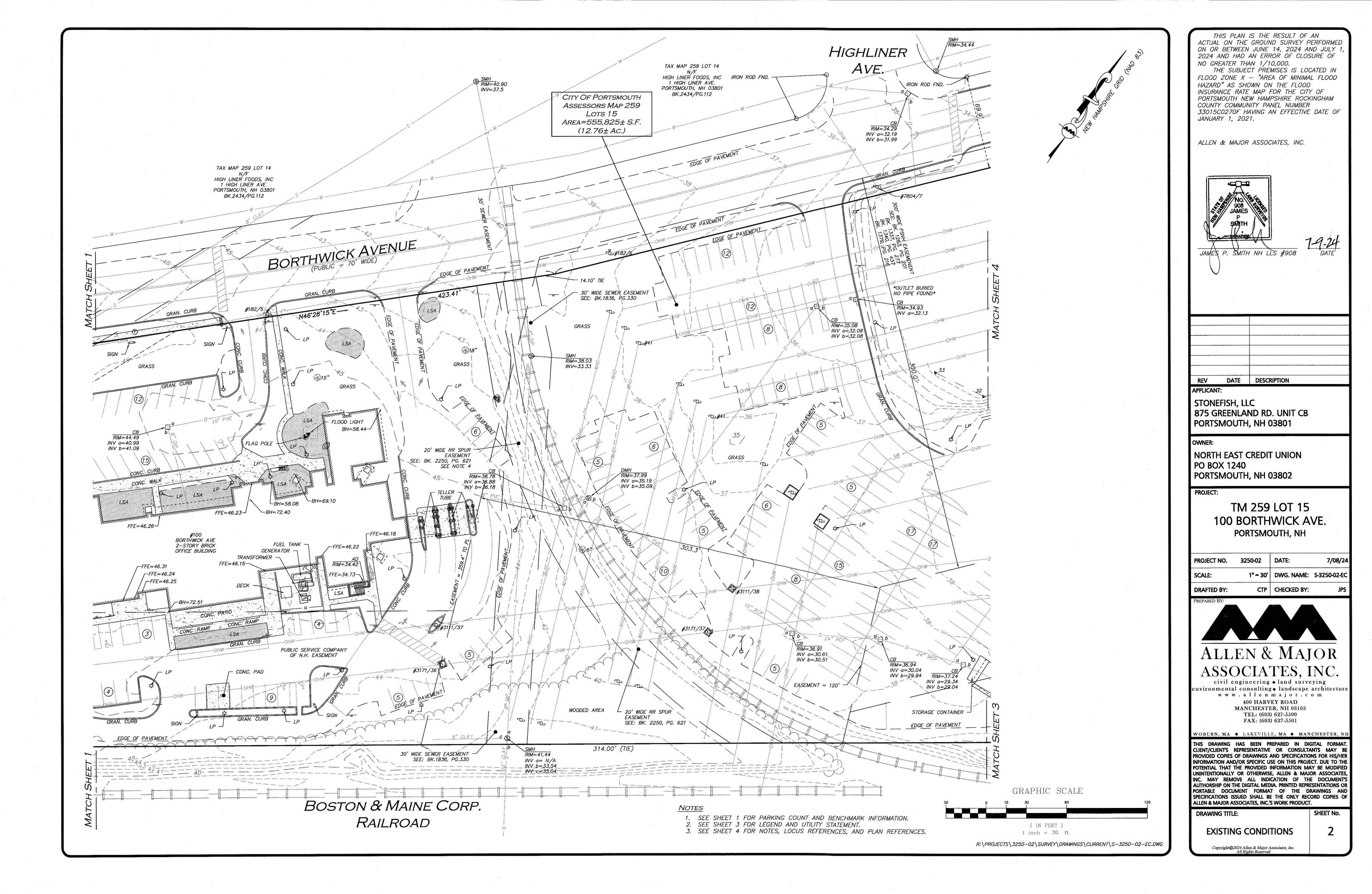
Signature

Dan Humphrey Name

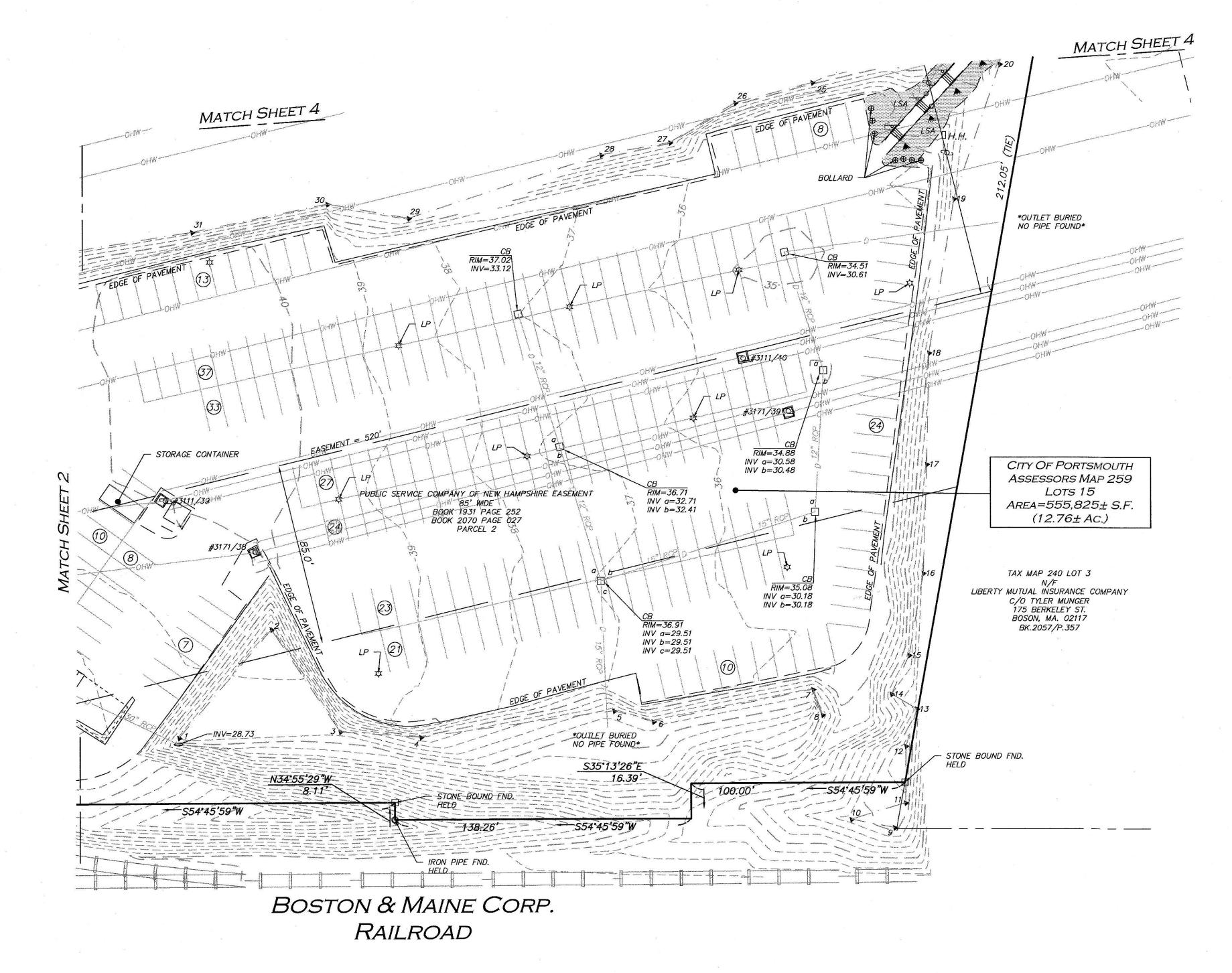
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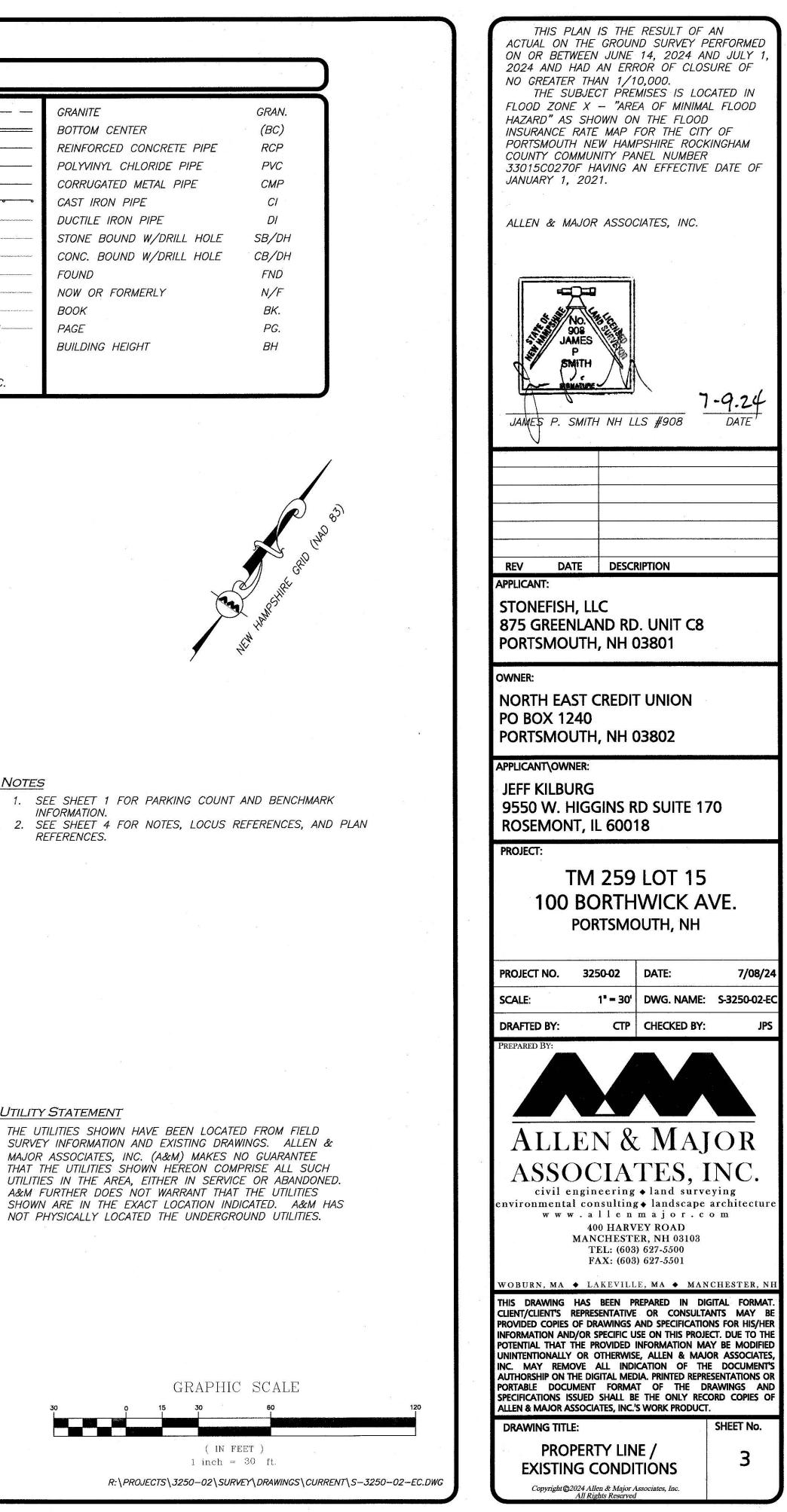
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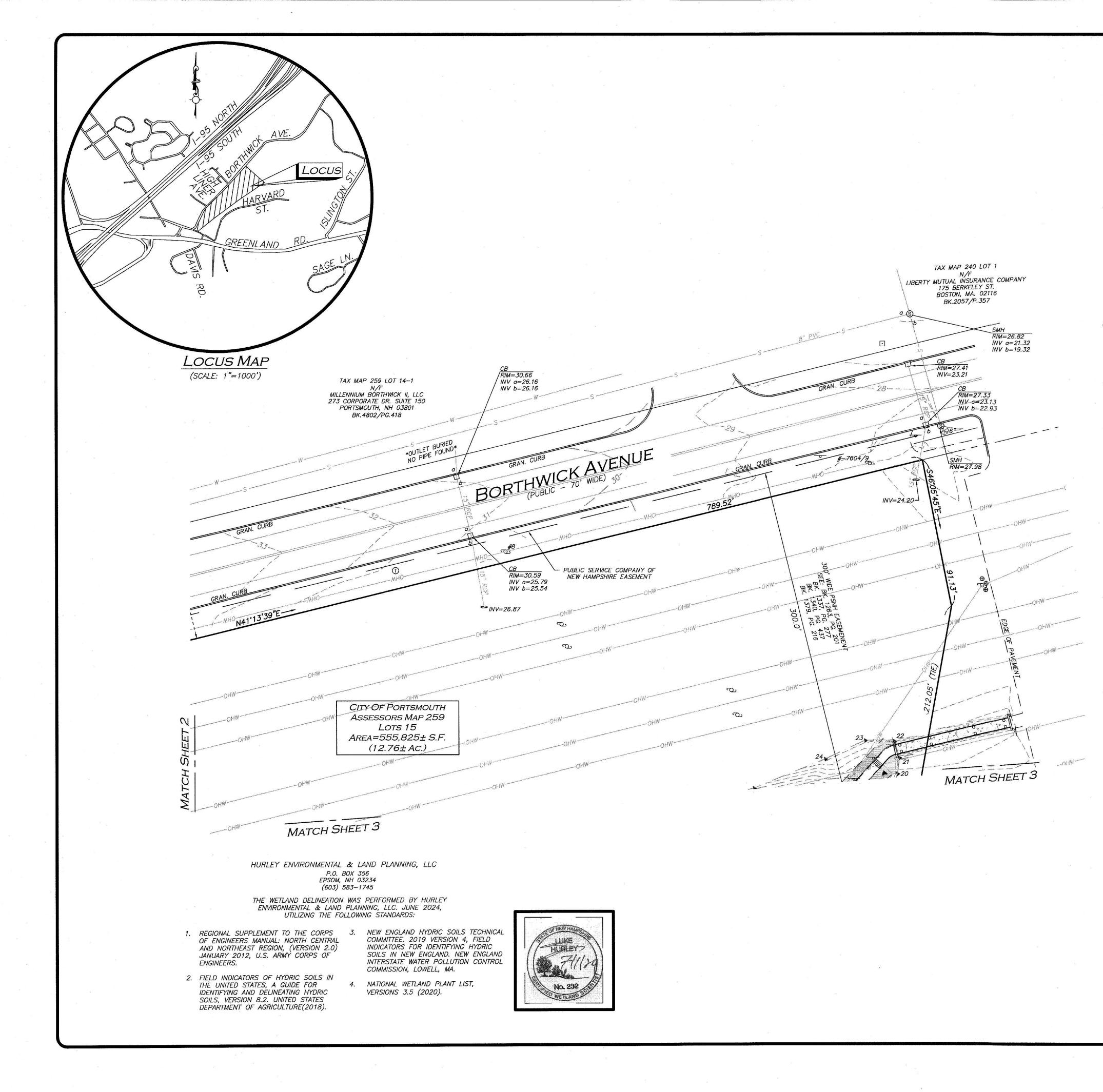


<u>NOTES</u>

INFORMATION. REFERENCES.

### UTILITY STATEMENT





## <u>NOTES</u>

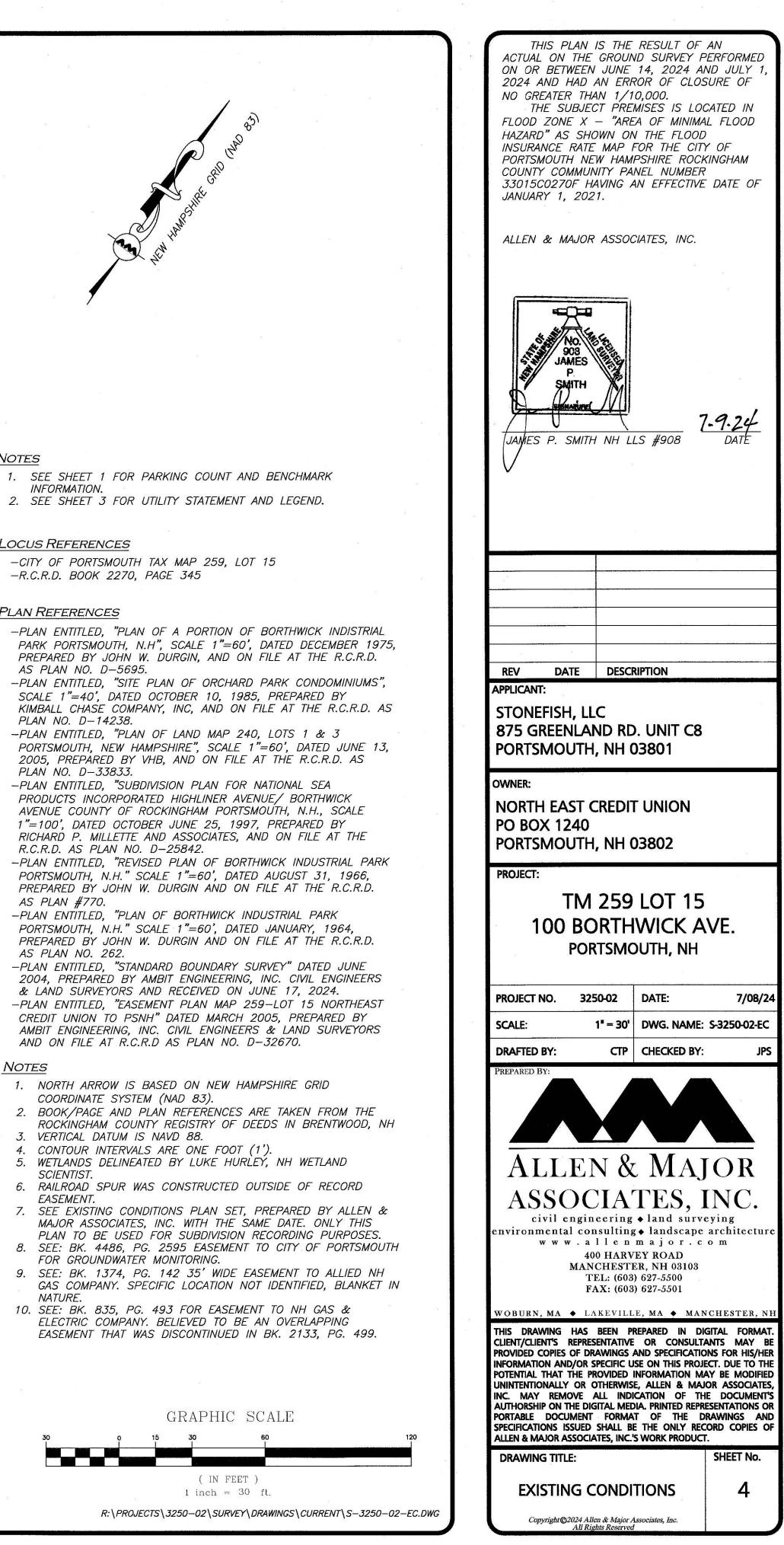
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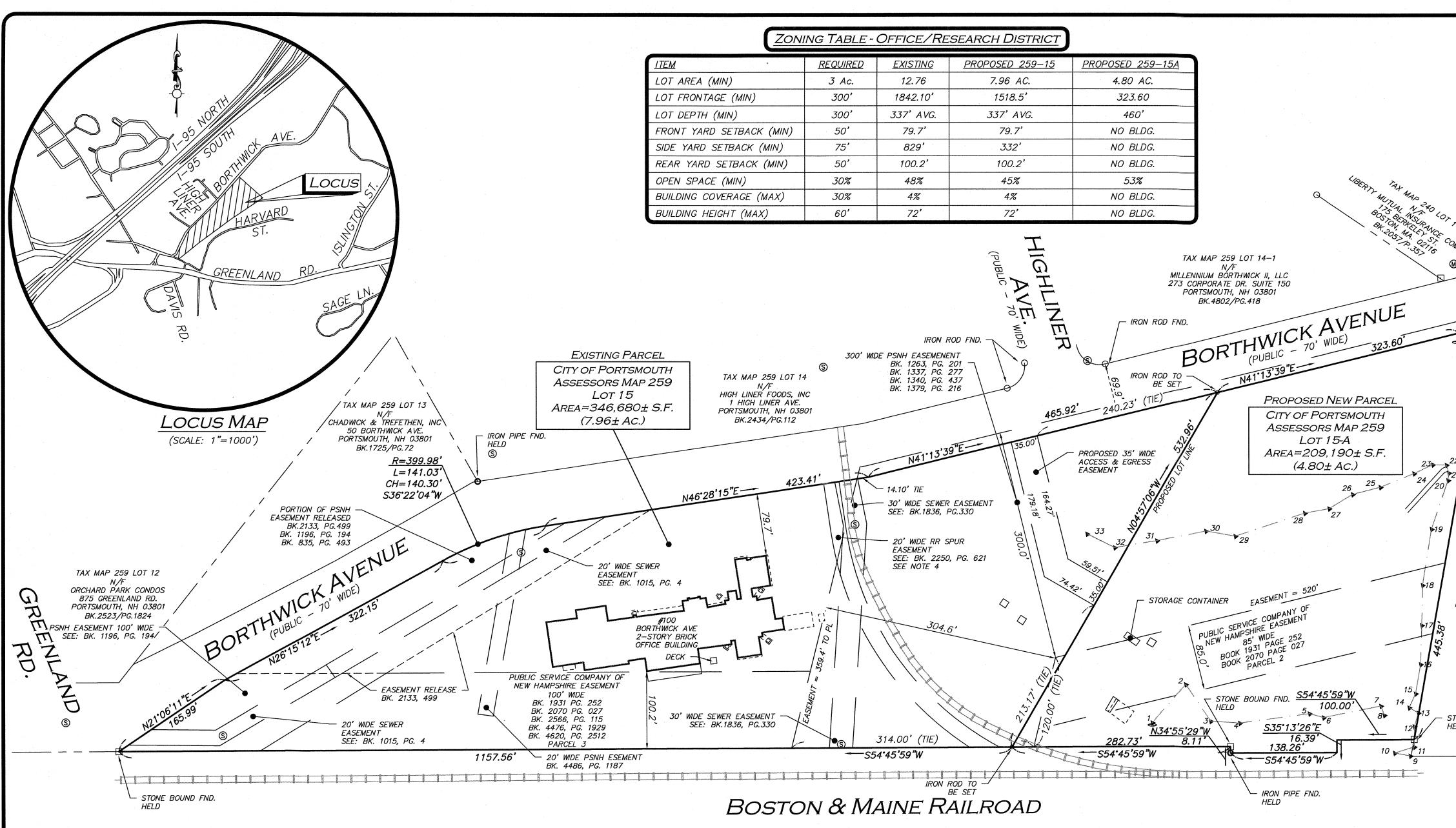
### LOCUS REFERENCES

### PLAN REFERENCES

- PLAN NO. D-14238.
- PLAN NO. D-33833.
- AS PLAN NO. 262.

- NATURE.





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	THE WETLAND DELINEATION WAS PERFORMED BY HURLEY ENVIRONMEN & LAND PLANNING, LLC. JUNE 2024, UTILIZING THE FOLLOWING STANDARDS
1.	REGIONAL SUPPLEMENT TO THE CORI OF ENGINEERS MANUAL: NORTH CENT AND NORTHEAST REGION, (VERSION 2 JANUARY 2012, U.S. ARMY CORPS O ENGINEERS.
2.	FIELD INDICATORS OF HYDRIC SOILS THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.2. UNITED STATES DEPARTMENT OF AGRICULTURE(2018).
З.	NEW ENGLAND HYDRIC SOILS TECHNI COMMITTEE. 2019 VERSION 4, FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND. NEW ENGLA INTERSTATE WATER POLLUTION CONTR COMMISSION, LOWELL, MA.

4. NATIONAL WETLAND PLANT LIST, VERSIONS 3.5 (2020).

### PLAN REFERENCES

- -PLAN ENTITLED, "PLAN OF A PORTION OF BORTHWICK INDISTRIAL PARK PORTSMOUTH, N.H", SCALE 1"=60', DATED DECEMBER 1975, PREPARED BY JOHN W. DURGIN, AND ON FILE AT THE R.C.R.D. AS PLAN NO. D-5695.
- -PLAN ENTITLED, "SITE PLAN OF ORCHARD PARK CONDOMINIUMS". SCALE 1"=40', DATED OCTOBER 10, 1985, PREPARED BY KIMBALL CHASE COMPANY, INC, AND ON FILE AT THE R.C.R.D. AS PLAN NO. D-14238.
- -PLAN ENTITLED, "PLAN OF LAND MAP 240, LOTS 1 & 3 PORTSMOUTH, NEW HAMPSHIRE", SCALE 1"=60', DATED JUNE 13, 2005, PREPARED BY VHB, AND ON FILE AT THE R.C.R.D. AS
- PLAN NO. D-33833. -PLAN ENTITLED, "SUBDIVISION PLAN FOR NATIONAL SEA PRODUCTS INCORPORATED HIGHLINER AVENUE/ BORTHWICK AVENUE COUNTY OF ROCKINGHAM PORTSMOUTH, N.H., SCALE 1"=100', DATED OCTOBER JUNE 25, 1997, PREPARED BY
- RICHARD P. MILLETTE AND ASSOCIATES, AND ON FILE AT THE R.C.R.D. AS PLAN NO. D-25842. -PLAN ENTITLED, "REVISED PLAN OF BORTHWICK INDUSTRIAL PARK PORTSMOUTH, N.H." SCALE 1"=60', DATED AUGUST 31, 1966, PREPARED BY JOHN W. DURGIN AND ON FILE AT THE R.C.R.D. AS PLAN #770.
- -PLAN ENTITLED, "PLAN OF BORTHWICK INDUSTRIAL PARK PORTSMOUTH, N.H." SCALE 1"=60', DATED JANUARY, 1964, PREPARED BY JOHN W. DURGIN AND ON FILE AT THE R.C.R.D. AS PLAN NO. 262.
- -PLAN ENTITLED, "STANDARD BOUNDARY SURVEY" DATED JUNE 2004, PREPARED BY AMBIT ENGINEERING, INC. CIVIL ENGINEERS & LAND SURVEYORS AND RECEIVED ON JUNE 17, 2024. -PLAN ENTITLED, "EASEMENT PLAN MAP 259-LOT 15 NORTHEAST CREDIT UNION TO PSNH" DATED MARCH 2005, PREPARED BY AMBIT ENGINEERING, INC. CIVIL ENGINEERS & LAND SURVEYORS AND ON FILE AT R.C.R.D AS PLAN NO. D-32670.

LOCUS REFERENCE -CITY OF PORTSMO

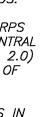
-R.C.R.D. BOOK 227

## NOTES

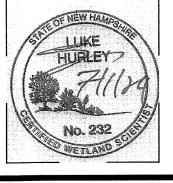
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6 August 2024

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

## **RE:** Request for TAC Workshop at 282 Corporate Drive, Great Circle Catering - Port City Air, Catering and Office Renovation Project,

Dear Mr. Stith and TAC Members,

We hereby submit, on behalf of Port City Air and Great Circle Catering, the attached site plan set for **TAC Workshop** review for the above-mentioned project and request that we be placed on the agenda for your **August 13, 2024,** TAC Workshop Meeting. The property is shown on the City of Portsmouth Assessors Map 315 as Lot 2 and is located at 282 Corporate Drive within the Pease Airport Business Commercial (ABC) Zoning District. No changes to the existing Lease Area are proposed. The site is currently vacant; until 2022 it was the site of Stenhouse Publishing and the Shaines and McEachern Law Office. The proposal presented herein involves the renovation of the building to be re-purposed with Great Circle Catering as a tenant, and the remainder of the building to be dedicated to unspecified tenant office space.

### Project Overview

The project is located at 282 Corporate Drive and consists of renovations to the interior of the building to create 6,500 square feet of space to be leased to Great Circle Catering for food preparation and 7,700 square feet of space to be undesigned tenant office space, with the associated and required site improvements. No changes to the building exterior are contemplated. The project does not require any variances but does propose some construction in both an existing swale (wetland) and the twenty-five-foot wetland buffer. Permits from NH DES (Wetland Impact) and the City of Portsmouth (CUP Wetlands) will be required.

### Site Plan Submission

The submission requirements of the City of Portsmouth Site Plan Regulations have been reviewed. The following is intended to provide the information required to make a determination of the project's compliance. Additional information will be provided in the Site Review Application phase.

Plans are drawn in accordance with scale and size requirements, with dates, titles, north orientation, Map and Lot, Zoning, revision blocks, and Legends. The proposed uses and Square footage of use are shown on the plan. The professional's seals with license numbers are on the submitted plans. The Existing Conditions plan shows the site topography, building location with floor elevation, feature locations, delineated wetlands, and driveway access / egress and parking configuration. The striped parking spaces are shown and counted. Available utility information is shown. Existing solid waste facility (dumpster) is shown. The existing stormwater infrastructure, finished grades, and landscaped areas are shown. Site signage and exterior lighting is depicted. The lease area lines, with metes and bounds, is included.

### Vehicular and Pedestrian Circulation

The site is served by two existing curbs cuts along Corporate Drive. The curb cuts are connected by a looped access driveway that allows for live drop-offs at the entrances to the existing sub-units. The proposed Great Circle Catering facility will be partitioned as a part of the former Stenhouse Publishing space, with access from doors on the existing loading dock. The facility is a production site where access is for deliveries and employees only. The site has developed sidewalks along Corporate Drive constructed as a result of previous site plan approvals. The site plan shows a proposed access and egress sidewalk from the concrete pad on the northeast side of the building that serves both units to allow access and egress around the east side of the building out to the sidewalk that connects to the public way.

### Screening and Landscaping

The site is currently landscaped. There is a small area that will be rededicated from pavement to green space and that area will be landscaped with the planting schedule shown on Site Plan C2. Also shown on the site plan are areas to allow for on-site placement of excess excavated soil; a soil berm and a fill area. The berm will be planted and provide screening to the rear side or northeast side of the building where outdoor space for breaks and picnic lunches can be set up. The fill area is where some existing concrete pads will be removed making the area available for excess soil placement. Quantity calculations will be provided with the completed full site plan.

### Water and Sewage Systems

The site is served by municipal water and sewer. There is no plan to expand the water service. The Great Circle Catering facility is being set up for food preparation, serving the Airport and airplanes as well as other events. The site previously served as the Officer's Club and had a food service component. The proposed sewage waste will involve food preparation and dishwasher waste streams and the plan includes the installation of a 1000-gallon grease trap.

### Stormwater Management

The site parking lot currently drains to the north and the south along a ridge line roughly in the middle of the parking area. The pavement on the north side of the parking area has experienced degradation due to water intrusion. This situation is a result of the gradual filling of the existing drainage swale, and as a consequence water backing up into the parking area. The proposed plan includes the repair of that swale to remove water that currently ponds on the north side of the parking area. Additionally, that area of delaminated pavement will be removed and replaced with a proposed rain garden. The rain garden will provide treatment of surface parking lot runoff from the north half of the parking area. Along the south or street side of the parking area, the parking lot will be regraded to provide positive pitch from the southwest corner of the parking lot to the east along the south edge of the parking lot out to the drainage in Corporate Drive. The entire parking lot and driveway are scheduled to be milled and repaved, to the existing grades along the driveway and the north side of the parking area, with some new grades along the southerly edge. The site roof is flat and has an existing drain roof drain system which ties into street drainage.

### Natural Features / Wetlands

The site contains a wetland complex to the north and east and a small wetland area on the southwest corner of the site. The wetlands have a required 25-ft setback which is shown on the plans. The wetland buffer area currently includes some pavement area along with the existing dumpster pad and a

concrete slab. A large portion of the pavement, the dumpster, and the concrete pad area will be removed from the buffer in this proposal. Additionally, the site edge is currently overgrown with invasive bittersweet vines. Those vines will be removed as a part of this project, and that will allow for natural vegetation to replace the canopy edge.

### Site Lighting

The site driveway is currently lit by edge bollards, the parking area is lit by tall parking area lights, and there is appropriate building entrance lighting. The project proposes no changes to the site lighting.

### Site Utilities and Solid Waste

Site utilities include natural gas, underground electric and communications services. The existing services will not be adjusted and will remain operational as is, unless changes are required, which would be limited to existing corridors / conduits. The developer has confirmed with Eversource that the existing on-site transformer is capable of handling the additional electrical loads generated by the renovation. A backup generator will be provided, with natural gas as the power source. A new dumpster pad with fence screening will be provided on the site.

### Low Impact Development Techniques

The proposed site redevelopment includes replacing paved areas with a rain garden and restoring a vegetated drainage swale. Since the site is currently developed; no other techniques are required as would be if the construction was on a vacant site.

### Excess Soil

The site plan shows locations where excess soil can be kept on site, as required for developments in the Pease Tradeport.

### Trip Generation and Parking Calculations

The proposed site use, catering and office, will generate 0.4 trips per employee and 1.5 trips per thousand square feet, respectively. Therefore, total AM / PM peak trip generation at the site will be 32 vehicles. Those trips are either transferred from another site, as Great Circle Catering is currently operating at the base, or previously accounted for as the building was entirely office. So, no new trips are anticipated. A complete analysis will be submitted with the full application package. Site parking calculations are as follows: The catering use will generate one space per employee, and the office use will generate one space per 200 square feet of gross floor area. The parking calculations result in a parking demand of 89 spaces, where 91 spaces are provided.

### **Open Space Calculations**

The site's impervious surface is just under 30%. Therefore, open space on the site will exceed the 25% requirement and be closer to 70% open space.

The following plans are included in our submission:

- Cover Sheet This shows the Development Team, Legend, Site Location, and Site Zoning.
- Existing Conditions and Demolition Plan C1 This plan shows the existing site conditions and site features which will be removed.
- Site Plan C2 This plan shows the site development and proposed site improvements.
- Erosion Control and Grading Plan C3 This plan shows proposed site grading.
- Utility Plan C4 This plan shows proposed site utilities.
- Detail Sheets D1 D4 These plans show site details.

Please feel free to call to discuss any questions or comments that you might have about this project. We look forward to working with the TAC Committee and your feedback on the proposed renovation.

Sincerely,

John Chagnon, PE

P:\NH\5010175-Port\_City\_Air\843.03-282 Corporate Dr., Portsmouth - JRC\2024 Site Plan\Applications\Portsmouth TAC Workshop\TAC Workshop Submittal Letter 282 Corporate 8-6-24.doc

LESSOR: PEASE DEVELOPMENT AUTHORITY 55 INTERNATIONAL DRIVE PORTSMOUTH, N.H. 03801 TEL: (603) 433-6088

LEASE HOLDER: **SHAINES & MCEACHERN** 282 CORPORATE DRIVE, #2 PORTSMOUTH, N.H. 03801 TEL: (603) 436-3110

APPLICANT & LESSEE SITE OWNER: PORT CITY AIR P.O. BOX 3177 PORTSMOUTH, N.H. 03801 TEL: (603) 430-1111

SUB-LESSEE: **GREAT CIRCLE CATERING** 139 FLIGHTLINE ROAD PORTSMOUTH, N.H. 03801 TEL: (603) 422-5502

CIVIL ENGINEER & LAND SURVEYOR: HALEY WARD, INC. 200 GRIFFIN ROAD, UNIT 14 PORTSMOUTH, N.H. 03801 TEL. (603) 430-9282 FAX (603) 436-2315



# PROPOSED CHANGE OF USE 282 CORPORATE DRIVE PORTSMOUTH, NEW HAMPSHIRE SITE PLANS



SCALE: 1"=500'

# INDEX OF SHEETS

- EXISTING CONDITIONS & DEMOLITION PLAN C1 – SITE PLAN C2
- EROSION CONTROL & GRADING PLAN C3
- UTILITY PLAN C4
- D1-D4 DETAILS

APPROVED BY THE PEASE DEVELOPMENT AUTHORITY

CHAIRMAN

DATE

# UTILITY CONTACTS

**ELECTRIC: EVERSOURCE** 74 OLD DOVER ROAD ROCHESTER, N.H. 03867 Tel. (603) 332-4227, Ext. 555.5325 ATTN: MARK COLLINS EMAIL: mark.collins@eversource.com

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

NATURAL GAS: UNITIL 325 WEST ROAD PORTSMOUTH, N.H. 03801 TEL. (603) 294–5144 ATTN: DAVE BEAULIEU

COMMUNICATIONS: FAIRPOINT COMMUNICATIONS 1575 GREENLAND ROAD GREENLAND, N.H. 03840 Tel. (603) 427-5525 ATTN: JOE CONSIDINE EMAIL: jconsidine@fairpoint.com

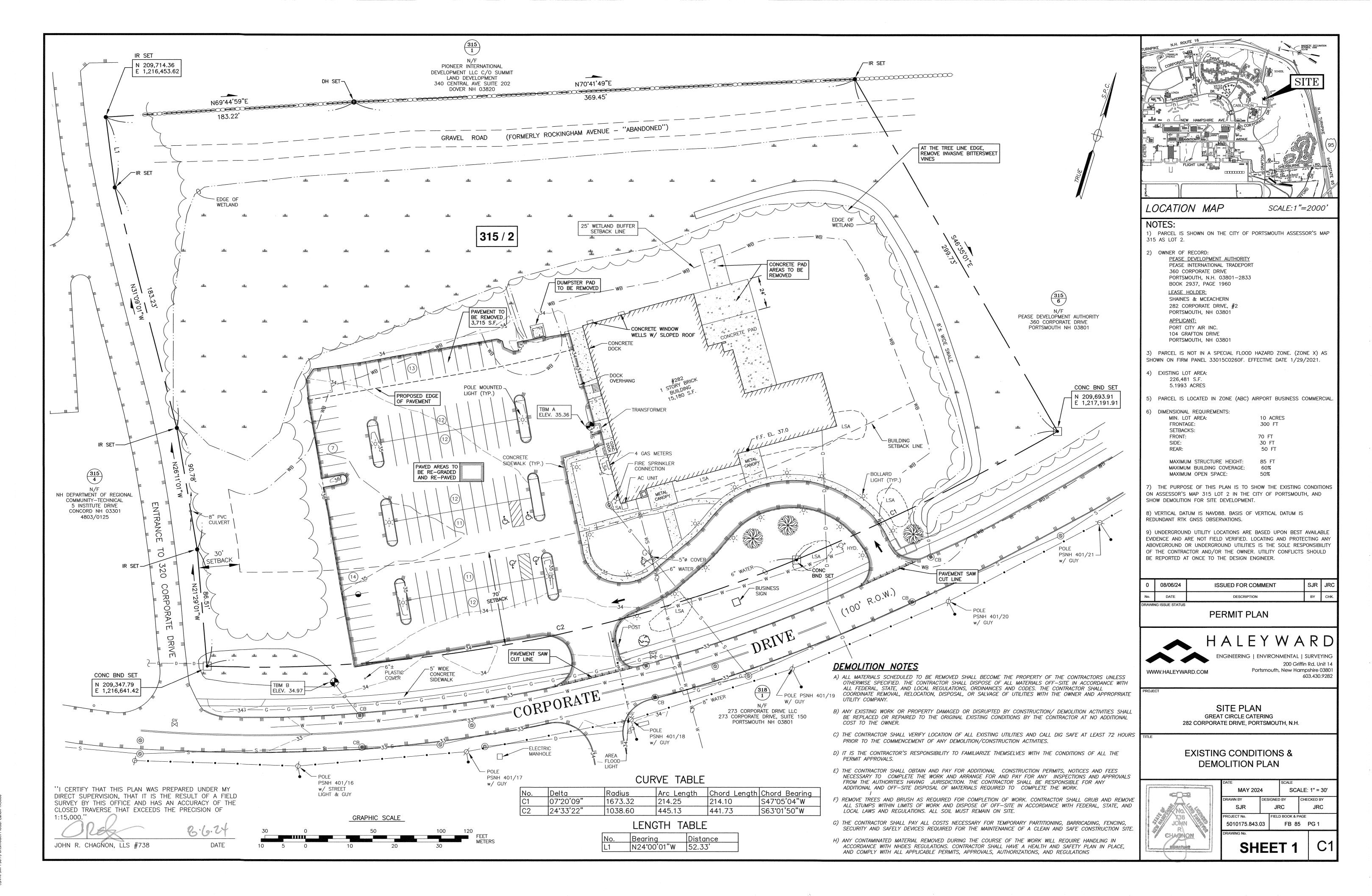
CABLE: XFINITY BY COMCAST 180 GREENLEAF AVE. PORTSMOUTH, N.H. 03801 Tel. (603) 266–2278 ATTN: MIKE COLLINS

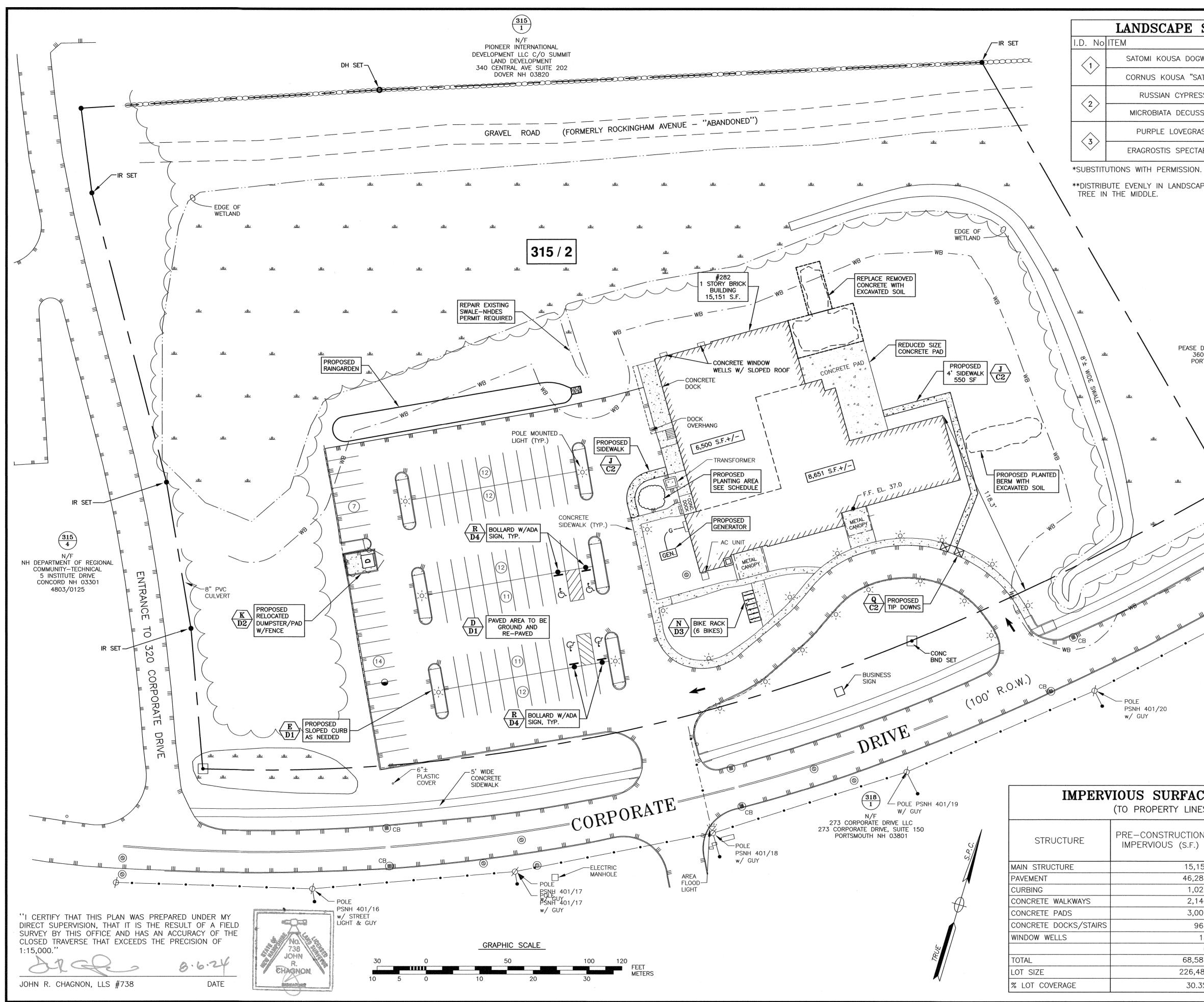
LEGEND: NOW OR FORMERLY N/F RECORD OF PROBATE ROCKINGHAM COUNTY REGISTRY OF DEEDS MAP 11/LOT 21 IRON ROD FOUND RON PIPE FOUND IRON ROD SET DRILL HOLE FOUND DRILL HOLE SET GRANITE BOUND w/IRON ROD FOUND FORCE MAIN SEWER LATERAL GAS LINE STORM DRAIN FOUNDATION DRAIN WATER LINE FIRE SERVICE LINE UNDERGROUND ELECTRIC SUPP UNDERGROUND ELECTRIC SERVICE -----OVERHEAD ELECTRIC/WIRES RETAINING WALL EDGE OF PAVEMENT (EP) CONTOUR 97x3 SPOT ELEVATION -0--0-UTILITY POLE GEW GAS, ELECTRIC, WATER METER TRANSFORMER ON CONCRETE PAD NSO NSO WATER SHUT OFF/CURB STOP —0<sup>C.O.</sup> —o<sup>c.o.</sup> PIPE CLEANOUT GV GATE VALVE  $-\bowtie$ +++HYD HYDRANT CATCH BASIN SEWER MANHOLE DRAIN MANHOLE ( WMH WATER METER MANHOLE TEST BORING TP 1 TEST PIT LSA LANDSCAPED AREA CI CI CAST IRON PIPE COP COP COPPER PIPE CORRUGATED METAL PIPE CMP CMP DI DUCTILE IRON PIPE DI **PVC** PVC POLYVINYL CHLORIDE PIPE REINFORCED CONCRETE PIPE RCP RCP HYD HYD HYDRANT CENTERLINE EDGE OF PAVEMENT FP EP ELEVATION EL. FINISHED FLOOR FF FF INV INVERT INV TBM TEMPORARY BENCH MARK TBM TYP TYP TYPICAL TBR TO BE REMOVED SITE IMPROVEMENT PLANS **282 CORPORATE DRIVE** PORTSMOUTH, N.H. HALEYWARD

ENGINEERING | ENVIRONMENTAL | SURVEYING 200 Griffin Rd. Unit 14 Portsmouth, New Hampshire 03801 WWW.HALEYWARD.COM

PLAN SET SUBMITTAL DATE: 6 AUGUST 2024

603.430.9282





SCAPE SCHEDULE				
	SIZE	QTY		
KOUSA DOGWOOD	0 7'	1		
KOUSA "SATOMI"	6–7'			
SIAN CYPRESS	3 GAL.	4		
IATA DECUSSATA	C ONL.	Ē		
LE LOVEGRASS	2 GAL.	22		
STIS SPECTABILIS	Z GAL.	22		

\*\*DISTRIBUTE EVENLY IN LANDSCAPE AREA WITH

 $\begin{pmatrix} 315\\ 6 \end{pmatrix}$ N/F PEASE DEVELOPMENT AUTHORITY 360 CORPORATE DRIVE PORTSMOUTH NH 03801 POLE PSNH 401/21-w/ GUY

IMPERVIOUS SURFACE AREAS (TO PROPERTY LINES) POST-CONSTRUCTION PRE-CONSTRUCTION IMPERVIOUS (S.F.) IMPERVIOUS (S.F.) 15,151 15,151 46,285 45,434 1,027 1,027 2,140 2,902 3,006 1,939 965 965 1.3 1.7 68,587 67,431 226,481 226,481 30.3% 29.8%

1)	OTES: PARCEL IS 5 AS LOT 2.	SHOWN ON THE CITY OF	PORTSMOUTH ASSES	SOR'S	MAP
	OWNER OF <u>PEASE</u> 360 C PORTS BOOK <u>LEASE</u> SHAINE 282 C PORTS <u>APPLIC</u> PORT 104 G	RECORD: <u>DEVELOPMENT AUTHORIT</u> INTERNATIONAL TRADEPO ORPORATE DRIVE MOUTH, N.H. 03801–283 2937, PAGE 1960 <u>HOLDER:</u> ES & MCEACHERN ORPORATE DRIVE #2 MOUTH, NH 03801	RT		
-		NOT IN A SPECIAL FLOO M PANEL 33015C0260F.		-	
4)		OT AREA: 31 S.F. 3 ACRES			
5)	PARCEL IS	LOCATED IN ZONE (ABC)	AIRPORT BUSINESS	COMME	RCIAL.
6)			10 ACRES 300 FT 70 FT		
		SIDE: REAR:	30 FT 50 FT		
	MAXIMU	UM STRUCTURE HEIGHT: JM BUILDING COVERAGE: JM OPEN SPACE:			
		DSE OF THIS PLAN IS TO AP 315 LOT 2 IN THE CI		IN USE	ON
		DATUM IS NAVD88. BASIS < GNSS OBSERVATIONS.	OF VERTICAL DATUM	IS	
9)	UTILITIES WI	L BE EXTENDED INTERNA	LLY, UNLESS OTHERW	ISE SH	OWN.
10)		ALCULATIONS: ) USE: CATERING PREP F	ACILITY & OFFICE:		
	REQUIRED CATERIN	PARKING: IG: 6,500 S.F.+/- 50 EI	MPLOYEES X 1 PER E	MPLOY	EE
		SPACES. 7,700 S.F. +/- 3,700 89 REQUIRED.	X 1/200 S.F. = 39	SPACES	5.
		PROVIDED = 91 SPACES	5.		
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No.	DATE	DESCRIP	TION	BY	СНК.
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A HALEYWARD

SITE PLAN

GREAT CIRCLE CATERING

282 CORPORATE DRIVE, PORTSMOUTH, N.H.

SITE PLAN

AWN BY

PROJECT No.

SJR

5010175.843.03

MAY 2024

ESIGNED BY

SHEET 2

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IELD BOOK & PAGE

FB 85 PG 1

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ENGINEERING | ENVIRONMENTAL | SURVEYING

200 Griffin Rd. Unit 14

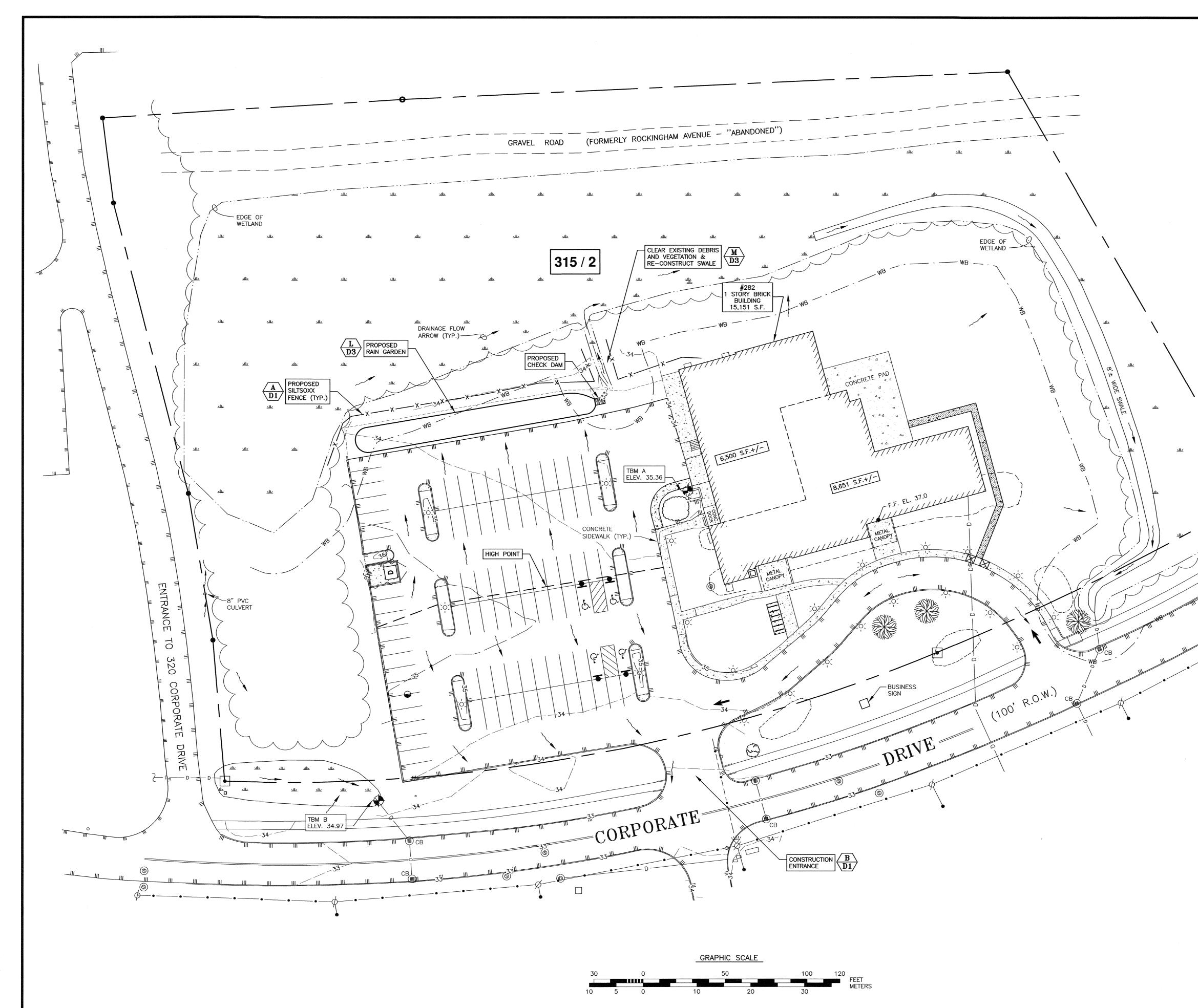
SCALE: 1" = 30'

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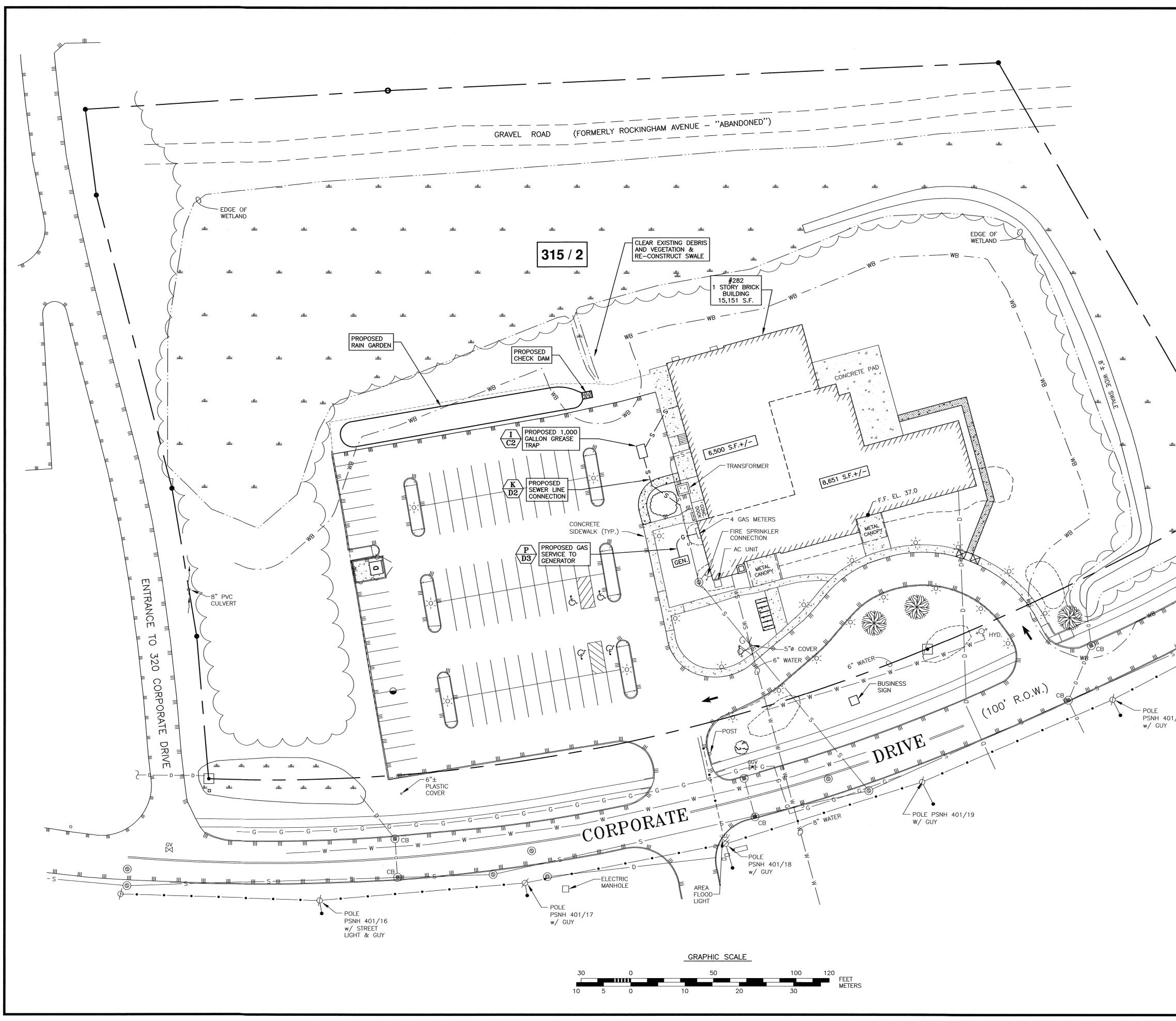
C2

Portsmouth, New Hampshire 03801 603.430.9282



5010175-Port\_City\_Air\843.03-282 Corporate Dr., Portsmouth - JRC\2024 Site Plan\Plans & Specs\Site\5010175 Site 2024-NEW.dwg, 8/6/2024 Site 501\Portsmouth Plotter Canon TX3000

	<ul> <li>NOTES:</li> <li>1. THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-884-7233) AT LEAST 72 HOUSE PROPERTY WITHIN 100 FEET OF UNDERROUND UTLITES. THE EXCAVATOR IS RESPONSIBLE TO MAINTAIN MARKS, DIG SAFE TACEST EXPIRE IN THRY DAYS.</li> <li>2.) UNDERGROUND UTLITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTETING ANY ABOVEROROUND OF UNDERROROUND UTLITES IS THE SUCH RESPONSIBILTY OF THE CONTRACTOR AND/OR THE OWNER. UTLITY CONTROL BE REPORTED AT ONCE TO THE DESIGN UTLITES IS INCLUDE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTLITY CONTROL SHOULD BE REPORTED AT ONCE TO THE DESIGN UTLITES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MAINAU, VOLME 2, EROSION AND SEDMENT CONTROLS DURING CONSTRUCTION. (INDES DECEMBER 2008).</li> <li>1.) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MAINTAIN EROSION CONTROL MAINTAIN AND/OR THE STORMWATER MAINAU, VOLME 2, EROSION AND SEDMENT CONTROLS DURING CONSTRUCTION. (INDES DECEMBER 2008).</li> <li>1.) VERTICAL DATUM IS NAVD88. BASIS OF VERTICAL DATUM IS REDUNDANT RTK CINSS OBSERVATIONS.</li> </ul>
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	DRAWING ISSUE STATUS PERMIT PLAN
	HALEY WARD
	ENGINEERING   ENVIRONMENTAL   SURVEYING 200 Griffin Rd. Unit 14 Portsmouth, New Hampshire 03801 603.430.9282
	PROJECT SITE PLAN GREAT CIRCLE CATERING 282 CORPORATE DRIVE, PORTSMOUTH, N.H.
	EROSION CONTROL & GRADING PLAN
	DATE SCALE MAY 2024 SCALE: 1" = 30' SCALE: 1" = 30' SCALE: 1" = 30' DRAWN BY DESIGNED BY CHECKED BY JRC JRC PROJECT No. 5010175 843.02 FIELD BOOK & PAGE 5010175 843.02 FB 85 PG 1 DRAWING NO. SHEET 3 C3
	PROJECT No. 5010175 843.02 FB 85 PG 1 DRAWING No. SHEET 3 C3



5010175-Port\_City\_Air\843.03-282 Corporate Dr., Portsmouth - JRC\2024 Site Plan\Plans & Specs\Site\5010175 Site 2024-NEW.dwg, 8/t 3M-FS01\Portsmouth Plotter Canon TX3000

P:\NHV

	<ul> <li>(1-888-344-) EXCAVATION ON UNDERGROUND MARKS. DIG SA</li> <li>2) UNDERGRO AVAILABLE EVID PROTECTING AN SOLE RESPONS UTILITY CONFLIC ENGINEER.</li> <li>3) CONTRACTO MEASURES IN A MANUAL", VOLU CONSTRUCTION.</li> <li>4) PROPOSED GREAT CIRC 265 GALLO GPD/100 S TOTAL PRO</li> <li>5) GREASE TH 265 GALLO</li> </ul>	7233) AT LEAS I PUBLIC OR F UTILITIES. THE FE TICKETS EX PUND UTILITY L ENCE AND ARI IY ABOVE GRO IBILITY OF THE CTS SHOULD E OR SHALL INST ACCORDANCE V ME 3, EROSIO (NHDES DECI SEWER FLOW CLE CATERING NS PER DAY I S.F. = 193 GA POSED FLOW: RAP (INTERCEP NS PER DAY X	: (FROM WATER USE RECORDS) JNSPECIFIED OFFICE USE 7,700 ALLONS PER DAY. 458 GALLONS PER DAY.	ICING A TEET OF D MAINT ST AND S IS TH VER. DESIGN VTROL MWATEF RING S.F. X	ANY F TAIN IE
POLE PSNH 401/21 W/ GUY					
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	PROJECT TITLE	ARD.COM	ALEYWA NGINEERING   ENVIRONMENTAL 200 Griff Portsmouth, New Har ITE PLAN T CIRCLE CATERING TE DRIVE, PORTSMOUTH, N.H.	SURVE	EYING Init 14 03801
		UT	ILITY PLAN		
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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 PAVEMENT, CONCRETE, AND OTHER SITE FEATURES TO BE REMOVED, AND 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 RAIN GARDEN AND SWALE. 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 RENOVATION.

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 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.

### PROJECT DESCRIPTION

THE PROJECT CONSISTS OF BUILDING RE-DEVELOPMENT WITH ASSOCIATED PARKING AND UTILITIES.

THE TOTAL AREA TO BE DISTURBED IS APPROXIMATELY 1.118 ACRES.

BASED ON THE USCS WEB SOIL SURVEY THE SOILS ON SITE CONSIST OF URBAN LAND ID *#*799.

THE STORMWATER RUNOFF FROM THE SITE WILL BE DISCHARGED VIA OVERLAND DRAINAGE PATHWAYS WHICH ULTIMATELY FLOW TO HODGDON BROOK.

### 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". 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.

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 DEVELOPMENT. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED FOR MORE THAN 45 DAYS.

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.

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.

DUST CONTROL: DUST CONTROL MEASURES SHALL INCLUDE BUT ARE NOT LIMITED TO SPRINKLING WATER ON EXPOSED AREAS, COVERING LOADED DUMP TRUCKS LEAVING THE SITE, AND TEMPORARY MULCHING. DUST CONTROL MEASURES SHALL BE UTILIZED SO AS TO PREVENT THE MIGRATION OF DUST FROM THE SITE TO ABUTTING AREAS. 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.

SILTSOXX SHALL BE PERIODICALLY INSPECTED DURING THE LIFE OF THE PROJECT AND AFTER EACH STORM. ALL DAMAGED SILTSOXX SHALL BE REPAIRED. SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED IN A SECURED LOCATION.

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

ALL NON-STRUCTURAL, SITE-FILL SHALL BE PLACED AND COMPACTED TO 90% MODIFIED PROCTOR DENSITY IN LAYERS NOT EXCEEDING 18 INCHES IN THICKNESS UNLESS OTHERWISE NOTED.

FROZEN MATERIAL OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIAL, TRASH, WOODY DEBRIS, LEAVES, BRUSH OR ANY DELETERIOUS MATTER SHALL NOT BE INCORPORATED INTO FILLS.

FILL MATERIAL SHALL NOT BE PLACED ON FROZEN FOUNDATION SUBGRADE.

DURING CONSTRUCTION AND UNTIL ALL DEVELOPED AREAS ARE FULLY STABILIZED. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH ONE HALF INCH OF RAINFALL

THE CONTRACTOR SHALL MODIFY OR ADD EROSION CONTROL MEASURES AS NECESSARY TO ACCOMMODATE PROJECT CONSTRUCTION.

ALL ROADWAYS AND PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE. ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.

AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED: - BASE COURSE GRAVELS HAVE BEEN INSTALLED ON AREAS TO BE PAVED

- A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR
- RIPRAP HAS BEEN INSTALLED
- EROSION CONTROL BLANKETS HAVE BEEN INSTALLED.
- 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.

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 USED INCLUDE:

 TEMPORARY SEEDING; MULCHING.

ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE. 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 THESE AREAS, SILTSOXX, MULCH BERMS, HAY BALE BARRIERS AND ANY EARTH/DIKES SHALL BE REMOVED ONCE PERMANENT MEASURES ARE ESTABLISHED.

DURING CONSTRUCTION, RUNOFF WILL BE DIVERTED AROUND THE SITE WITH EARTH DIKES, PIPING OR STABILIZED CHANNELS WHERE POSSIBLE. SHEET RUNOFF FROM THE SITE WILL BE FILTERED THROUGH SILTSOXX, 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 OCTOBER 15.

### MAINTENANCE AND PROTECTION

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

SILTSOXX SHALL BE REMOVED ONCE SITE IS STABILIZED, AND DISTURBED AREAS RESULTING FROM SILTSOXX REMOVAL SHALL BE PERMANENTLY SEEDED.

THE CATCH BASIN INLET BASKET SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING EXTENDED PERIODS OF PRECIPITATION. REPAIRS SHALL BE MADE IMMEDIATELY, AS NECESSARY, TO PREVENT PARTICLES FROM REACHING THE DRAINAGE SYSTEM AND/OR CAUSING SURFACE FLOODING. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT, OR MORE OFTEN IF THE FABRIC BECOMES CLOGGED.

### WINTER NOTES

ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED 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:

### **STOCKPILES**

LOCATE STOCKPILES A MINIMUM OF 50 FEET AWAY FROM CATCH BASINS, SWALES, AND CULVERTS.

ALL STOCKPILES SHOULD BE SURROUNDED WITH TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE ONSET OF PRECIPITATION. 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.

### CONCRETE WASHOUT AREA

THE FOLLOWING ARE THE ONLY NON-STORMWATER DISCHARGES ALLOWED. ALL OTHER NON-STORMWATER DISCHARGES ARE PROHIBITED ON SITE: THE CONCRETE DELIVERY TRUCKS SHALL, WHENEVER POSSIBLE, USE WASHOUT

FACILITIES AT THEIR OWN PLANT OR DISPATCH FAILITY; IF IT IS NECESSARY, SITE CONTRACTOR SHALL DESIGNATE SPECIFIC WASHOUT AREAS AND DESIGN FACILITIES TO HANDLE ANTICIPATED WASHOUT WATER; CONTRACTOR SHALL LOCATE WASHOUT AREAS AT LEAST 150 FEET AWAY FROM STORM DRAINS, SWALES AND SURFACE WATERS OR DELINEATED WETLANDS;

4. 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;
- WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED:
- WATER USED TO CONTROL DUST
- POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHING; ROUTINE EXTERNAL BUILDING WASH DOWN WHERE DETERGENTS ARE NOT USED;
- PAVEMENT WASH WATERS WHERE DETERGENTS ARE NOT USED;
- UNCONTAMINATED AIR CONDITIONING/COMPRESSOR CONDENSATION;
- UNCONTAMINATED GROUND WATER OR SPRING WATER; FOUNDATION OR FOOTING DRAINS WHICH ARE UNCONTAMINATED;
- UNCONTAMINATED EXCAVATION DEWATERING;
- LANDSCAPE IRRIGATION.

### WASTE DISPOSAL

WASTE MATERIA - 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: - NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE;

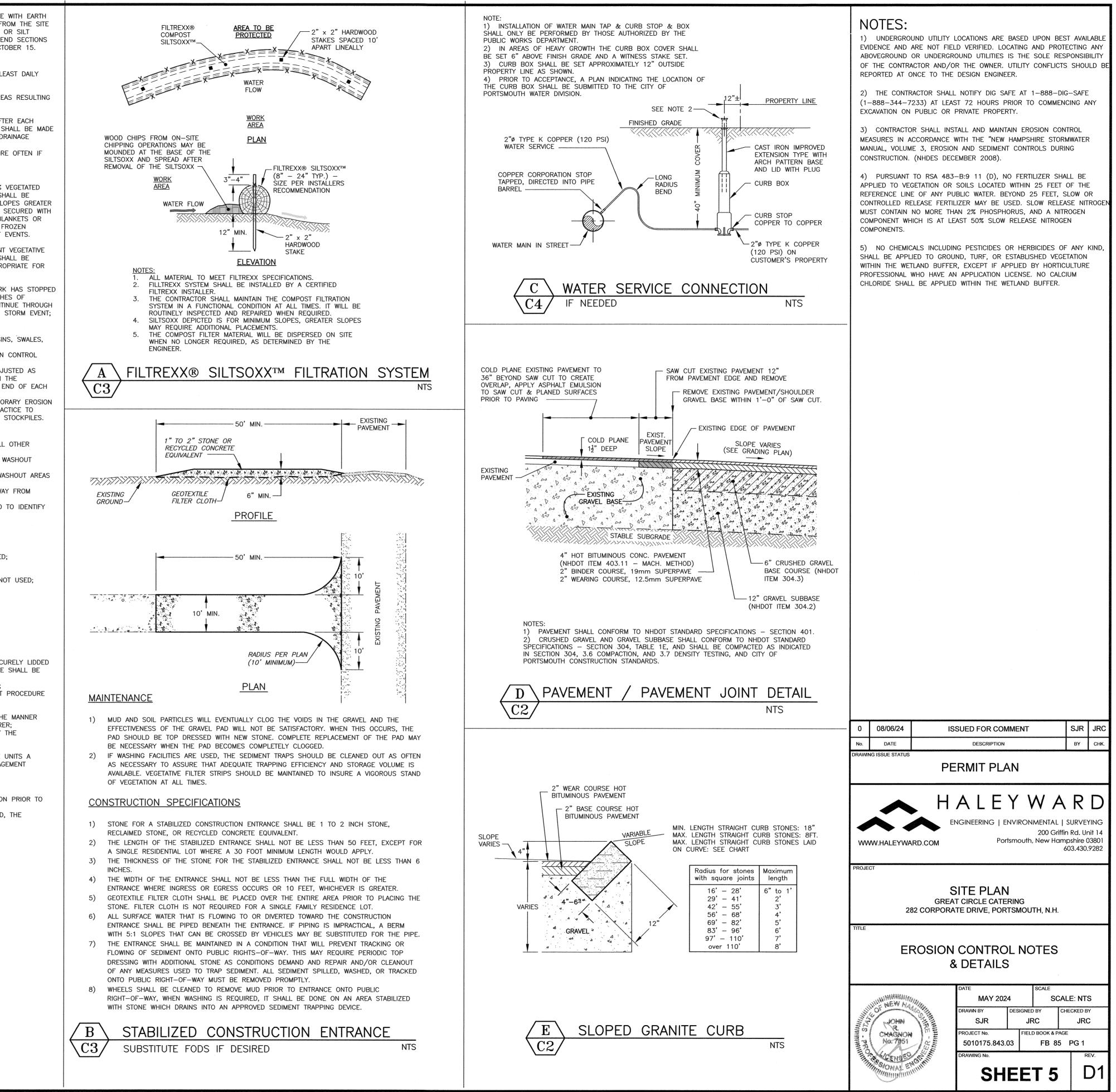
- ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL BY THE SUPERINTENDENT. HAZARDOUS WASTE

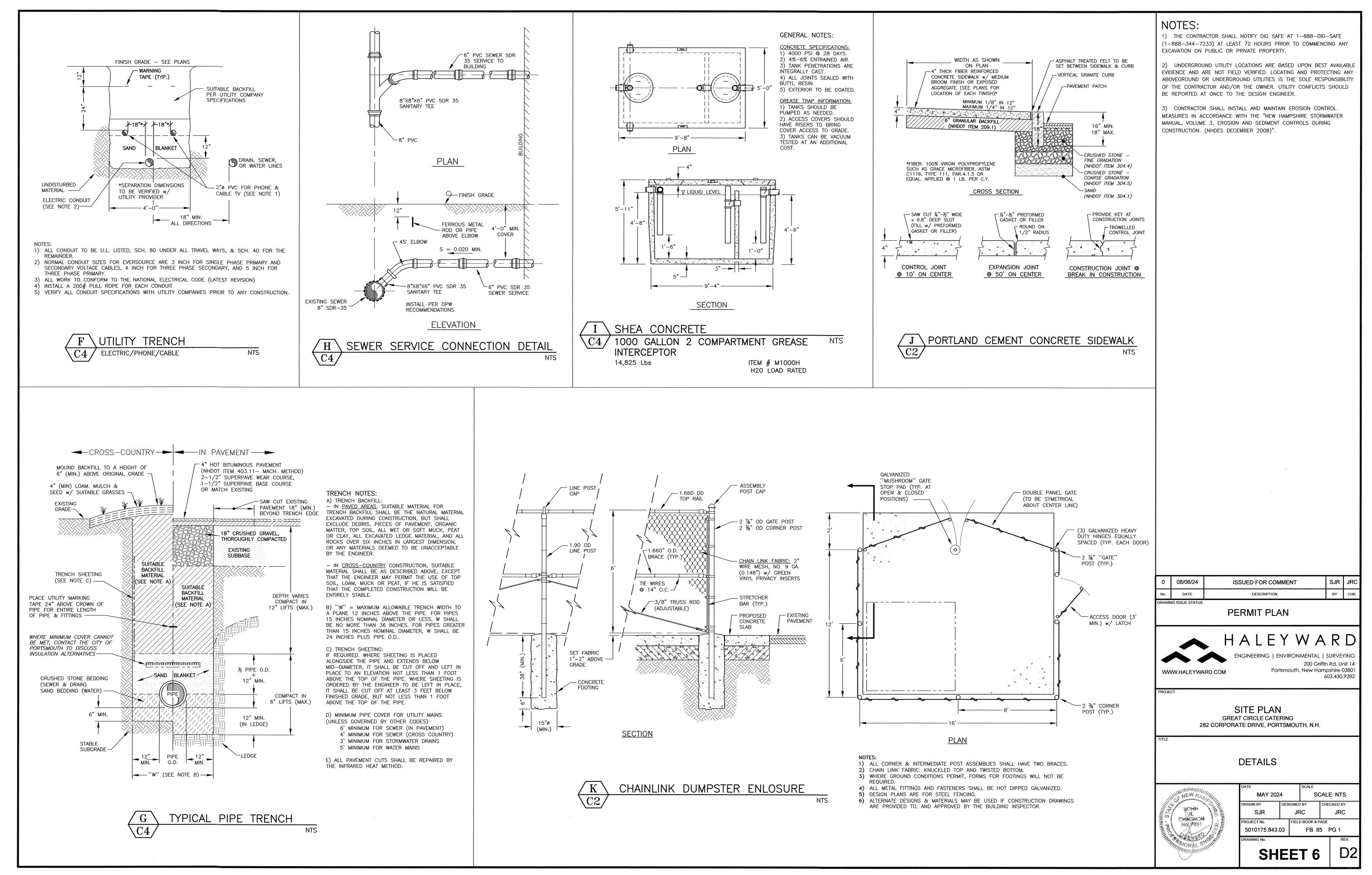
- ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER: - SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES BY THE SUPERINTENDENT SANITARY WASTE
- ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE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

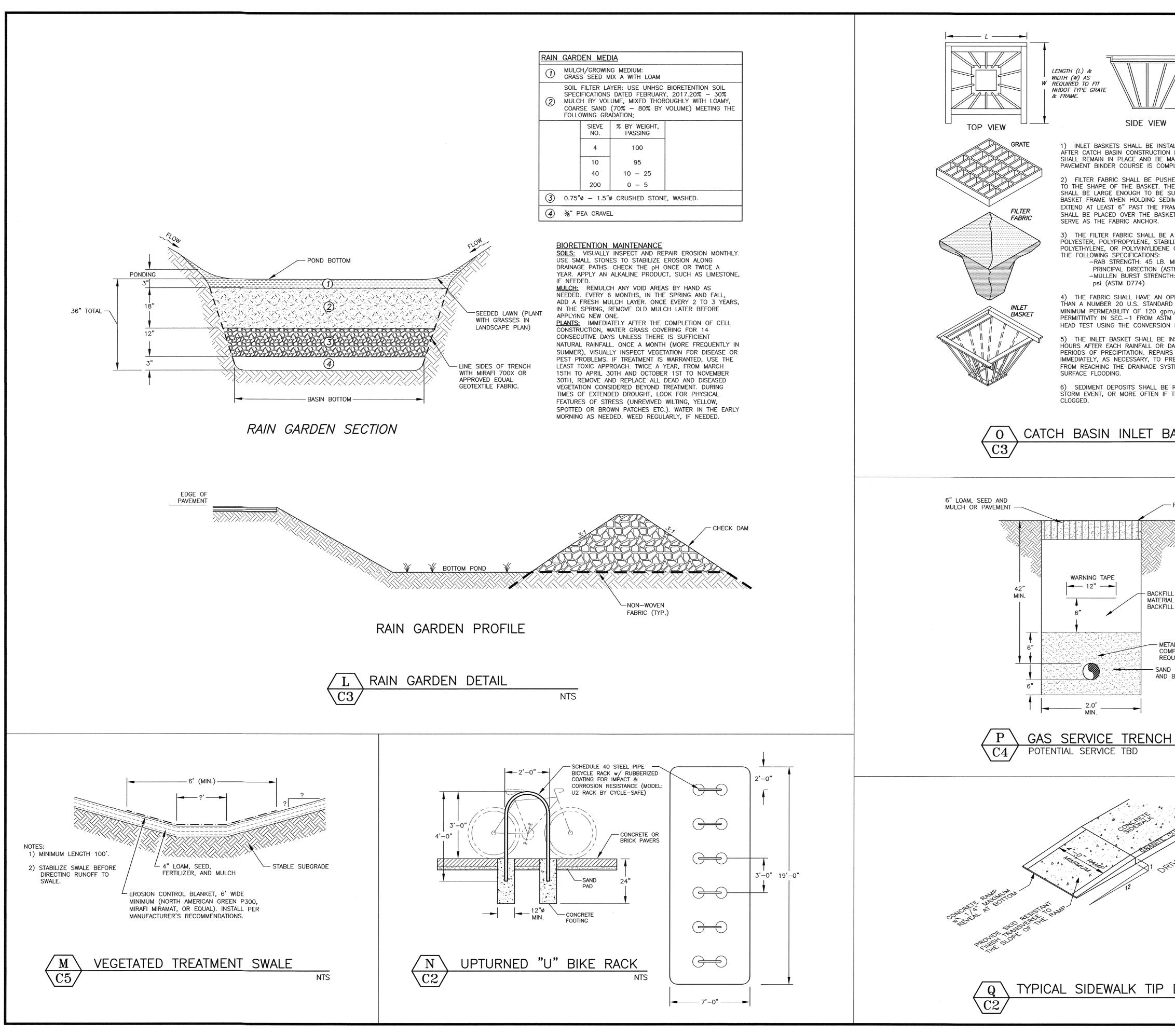
### BLASTING NOTES

CONTRACTOR SHALL CONTACT THE NHDES AND/OR LOCAL JURISDICTION PRIOR TO COMMENCING ANY BLASTING ACTIVITIES. FOR ANY PROJECT FOR WHICH BLASTING OF BEDROCK IS ANTICIPATED. THE

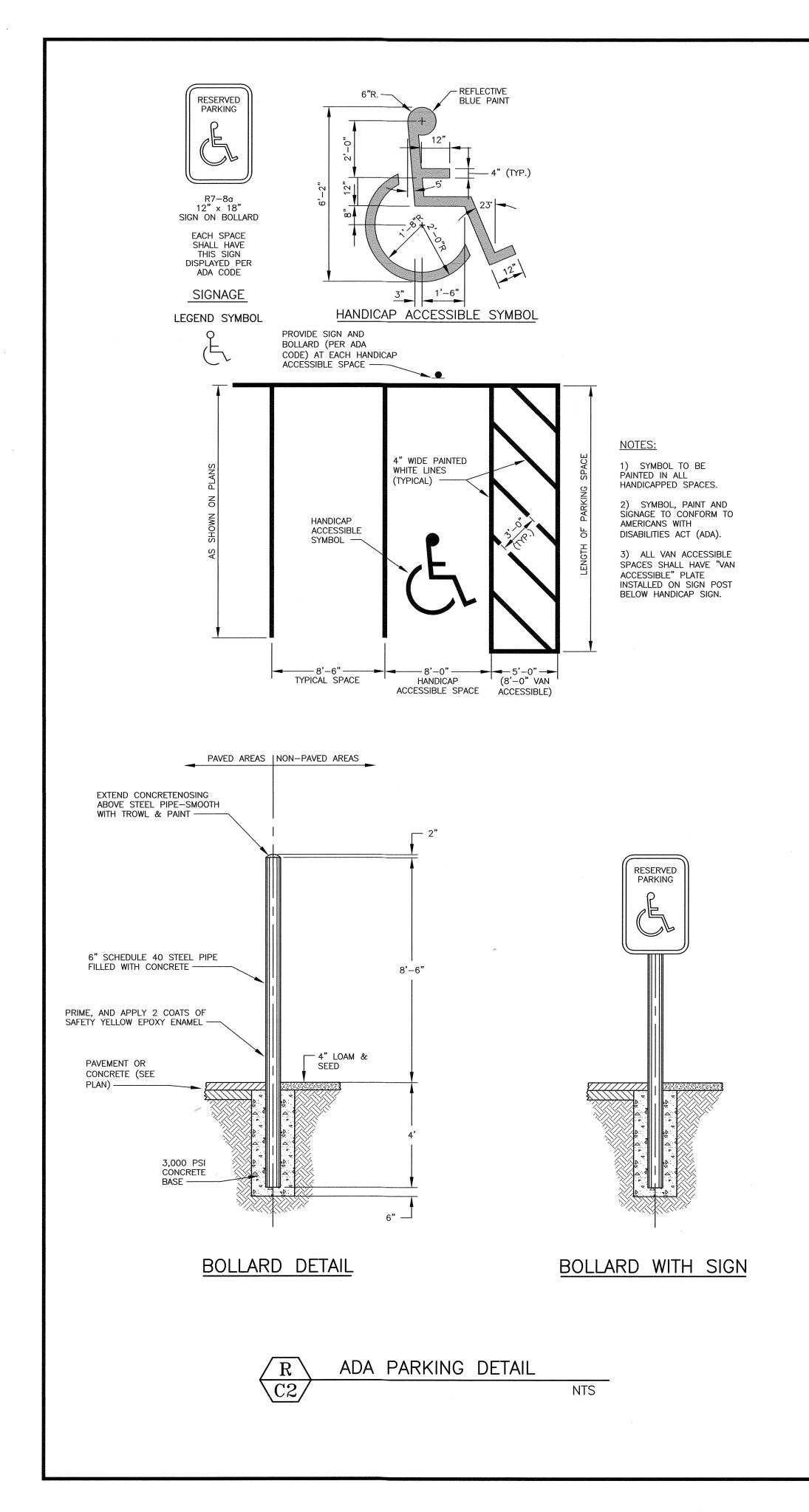
- APPLICANT SHALL SUBMIT A BLASTING PLAN THAT IDENTIFIES: - WHERE THE BLASTING ACTIVITIES ARE ANTICIPATED TO OCCUR; - THE ESTIMATED QUANTITY OF BLAST ROCK IN CUBIC YARDS; AND
  - SITE-SPECIFIC BLASTING BEST MANAGEMENT PRACTICES.

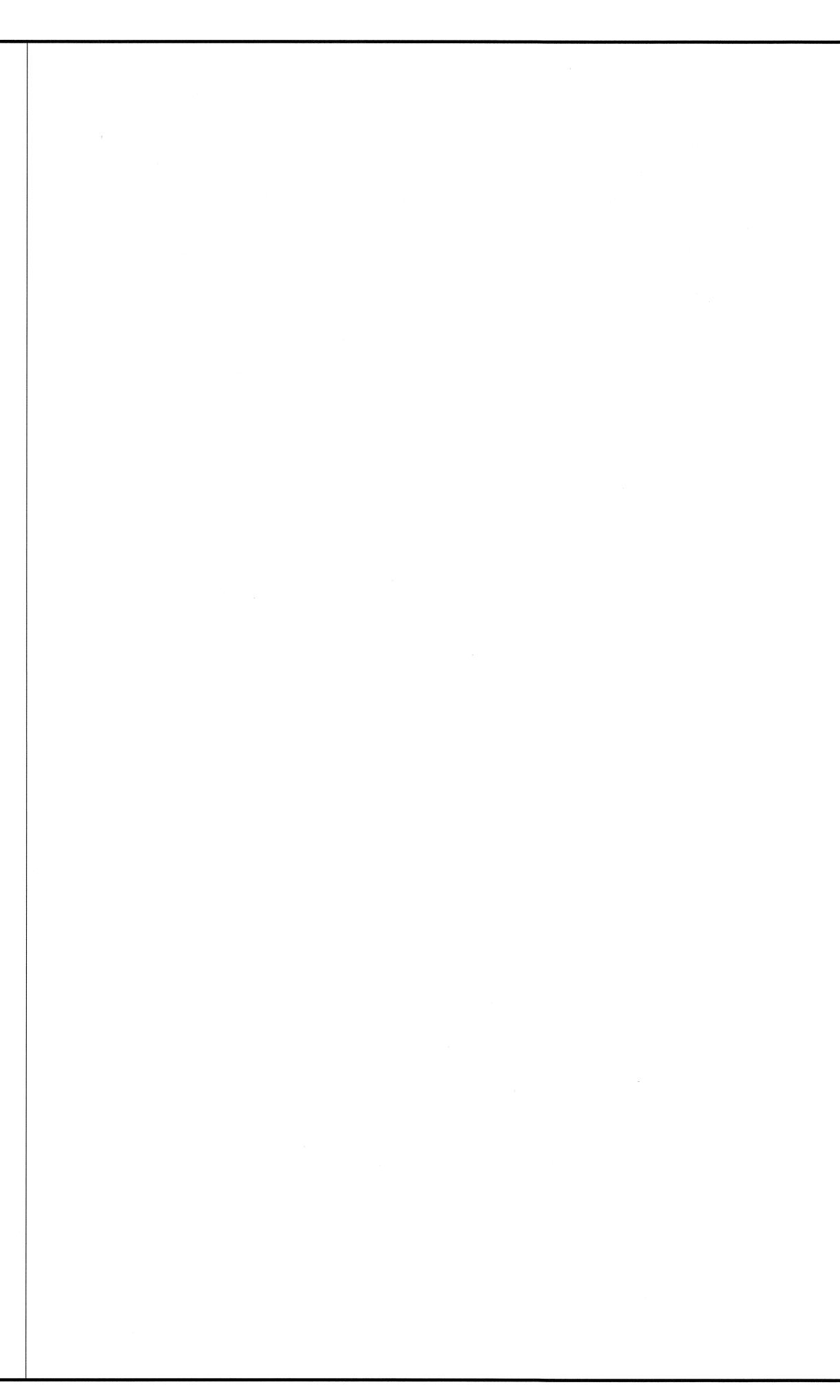






ALLED IMMEDIATELY	<ul> <li>(1-888-344-7233) AT LEAS</li> <li>EXCAVATION ON PUBLIC OR</li> <li>2) UNDERGROUND UTILITY I</li> <li>EVIDENCE AND ARE NOT FIEL</li> <li>ABOVEGROUND OR UNDERGRI</li> <li>OF THE CONTRACTOR AND/O</li> <li>BE REPORTED AT ONCE TO</li> <li>3) CONTRACTOR SHALL INS'</li> <li>MEASURES IN ACCORDANCE IN</li> </ul>	LOCATIONS ARE BASED UPON BES LD VERIFIED. LOCATING AND PROT OUND UTILITIES IS THE SOLE RES R THE OWNER. UTILITY CONFLICTS THE DESIGN ENGINEER. TALL AND MAINTAIN EROSION CON WITH THE "NEW HAMPSHIRE STOR N AND SEDIMENT CONTROLS DURI	CING ANY T AVAILABLE ECTING ANY PONSIBILITY S SHOULD ITROL MWATER
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NEWAY	GREAT 282 CORPORAT	DETAILS	
DOWN NTS	JOHN NEW HAADON NEW HAADON JOHN CHAGNON NO 1051 SCIONAL ENGINE		





## NOTES:

1) 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.

2) 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 RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.

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)".

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August 5, 2024

### Peter Stith, AICP

Planning and Sustainability Department City of Portsmouth 1 Junkins Avenue Portsmouth, NH 03801

Subject: 165 Deer Street Hotel Parking at Garage Conditional Use Permit Application Portsmouth, New Hampshire

Dear Mr. Stith,

On behalf of **Baywood Hotels, Inc.**, our office has prepared a parking demand analysis to support a Conditional Use Permit Application for the hotel building that is currently under construction located at 165 Deer Street in Portsmouth, NH.

The proposed development was originally approved on February 15, 2018, with several minor design changes that have been approved by the City. Currently, the applicant is seeking a Conditional Use Permit from the City of Portsmouth to allow for the reduction of the required marking as described below.

The proposed development includes a 22,771 square foot hotel building with 166 units and a parking garage on the ground level. Since the project is located in the Downtown Overlay District, the parking requirements of Section 10.1115 apply. Section 10.115.21 requires 0.75 parking spaces per guest room, plus 1 space per 25 sf of conference or banquet facilities. The proposed development includes a 116 guest rooms, and no conference or banquet facilities which requires 87 parking spaces. However, section 110.115.23 requires the number of spaces required by section 10.115.21 (87 spaces) to be reduced by 4, thereby bringing the total amount of required spaces to 83. The approved development included 50 spaces in the Hotel Garage to be managed by the Hotel Valet Services (32 tandem parking spaces, 5 car lift spaces, and 13 standard spaces) and 33 spaces in the Foundry Place Garage, for a total of 83 parking spaces. It is our understanding that the proposed tandem parking and lifted parking spaces comply with the ordinances since the Hotel Garage will be managed by the Hotel Valet Services.

Subsequent design changes and construction progress have resulted in the need to remove the lifted parking spaces to provide a larger fire sprinklers system in the garage. This given the limited amount of space on site, there is no room to provide the required number of spaces to comply with the ordinance. As such, the applicant is requesting a 6% (5 space) reduction in the amount of parking required for the proposed development. The following outlines the considerations of the parking demand analysis and how the currently proposed 78 parking spaces is adequate for the proposed development.

















### **Parking Demand Analysis**

This hotel is geared towards longer stays which tends to require less parking demand as they could be working on special projects within the city. A vehicle would not be as useful and would be costly to keep when staying several nights to weeks or months. Baywood Hotels estimates 30% of the guests will be true extended stay guests.

For the purposes of this assessment, Gorrill Palmer based the parking demand rates from the parking demand rates published in the Transportation Engineers (ITE) publication, *Parking Generation Manual, 5th Edition* for Land Use Code 312 – Business Hotel.

The following table presents the anticipated parking demand for the proposed development based on the ITE parking data. The ITE data is based on parking demand per occupied room, which is an average of 73% and 69% on weekdays and Saturdays respectively, and an 85<sup>th</sup> percentile rate of 84% and 79% on weekdays and Saturdays respectively. Baywood Hotels expects that within 3 years, the average occupancy for the hotel will stabilize at about 70-75%. For the purposes of this analysis, the hotel is expected to be occupied at a rate of 75%, or 87 occupied rooms.

Parking Demand Per Occupied Room for 116 Room Hotel Occupied at 75% in a General Urban/Suburban Setting Per ITE Manual						
		Weekday			Saturday	
Hour Beginning	Percent of Peak Parking Demand	Average Parking Demand (73%)	85th Percentile Parking Demand (84%)	Percent of Peak Parking Demand	Average Parking Demand (69%	85th Percentile Parking Demand (79%)
12:00-4:00 a.m.	100	64	73	82	49	56
5:00 a.m.	-	-	-	0	-	-
6:00 a.m.	-	-	-	96	58	66
7:00 a.m.	89	57	65	98	59	67
8:00 a.m.	64	41	47	87	52	60
9:00 a.m.	56	36	41	74	44	51
10:00 a.m.	49	31	36	64	38	44
11:00 a.m.	45	29	33	56	34	38
12:00 p.m.	45	29	33	48	29	33
1:00 p.m.	41	26	30	44	26	30
2:00 p.m.	39	25	29	40	24	27
3:00 p.m.	39	25	29	46	28	32
4:00 p.m.	44	28	32	48	29	33
5:00 p.m.	48	30	35	55	33	38
6:00 p.m.	51	32	37	60	36	41
7:00 p.m.	54	34	39	64	38	44
8:00 p.m.	62	39	45	67	40	46
9:00 p.m.	72	46	53	81	49	56
10:00 p.m.	86	55	63	88	53	60
11:00 p.m.	93	59	68	100	60	69



As shown above, the parking demand is anticipated to peak between 9PM and 8AM each day, with an average peak demand of 64 spaces on weekdays, and 60 spaces on Saturdays and an 85<sup>th</sup> percentile peak demand of 73 spaces on weekdays, and 69 spaces on Saturdays

### **Additional Considerations**

Given the urban nature and walk-ability of the city, there is less demand for parking as guests may use alternate modes of transportation to arrive at hotel (see discussion below), and are able to walk to downtown restaurants, attractions, offices, etc. throughout their stay.

### Services provided by the Hotel:

Valet services allow for a higher level of efficiency for parking. Through the use of well-developed operational procedures allow for more space (not designated as parking spaces) to be used to store vehicles since the valet has access to all of the vehicles and can move them as needed. With proper operational procedures, drive aisles under the building, and the front entrance could be used to store vehicles if demand exceeds expectations.

### Public and Private Transport:

The Coast Bus transports passengers around the Seacoast region, offering access to Rockingham and Strafford counties as well as Berwick, Maine. The Coast Bus has stops on Russel Street and Hanover Street, within 1,000 feet (2 blocks) of the hotel.

C&J Trailways offers a convenient method of traveling between Portsmouth and Boston or New York. The terminal is located approximately 2.5 miles from the site. Public transportation and rideshare services such as Uber, Lyft, and more are readily available throughout Portsmouth, therefore it is likely that anyone arriving to the site via the busses, planes, and trains would use public transportation or rideshare services to get to the site.

### Shared Parking Spaces:

The Foundry Place Garage located at 100 Foundry Place includes 600 parking spaces, of which, 33 spaces are reserved for the Hotel. There is an inverse relationship between hotel patrons and 9-5 users of the garage. Hotel check in is after 3pm with the peak check in from 7-8pm. Check out is by 11am with peak check out between 8-9am.

### Conclusion

As shown above, based on the ITE parking data, the parking demand is anticipated to peak between 9PM and 8AM each day. With an anticipated occupancy rate of about 75%, the resulting 85<sup>th</sup> percentile peak demand for the proposed development is 73 spaces on weekdays, and 69 spaces on Saturdays. This data is supported by the readily available public and private transportation services discussed above. As such, Gorrill Palmer is of the opinion that the proposed 78 parking spaces is more than adequate.



### **Closure**

As instructed by your office, we are providing this parking demand analysis for review by the City's Technical Advisory Committee prior to submitting a full Conditional Use Permit Application.

The Project Team looks forward to the Committee's review of this analysis. If you have any questions with regards to the submission material or need additional copies, please contact our office.

Sincerely,

**GORRILL-PALMER** 

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Douglas E. Reynolds, PE Project Manager Phone 207-772-2515 x239 DReynolds@GorrillPalmer.com

c: Ron Baden, Baywood Hotels, Inc. Neil Patel, Baywood Hotels, Inc.

