### **LETTER OF AGENDA**

This property located at the corner of Deer Street and Maplewood Avenue has a rich history that is greatly influenced by the Portsmouth Rail Corridor.

We've assembled a pictorial history in Section 2.0 for inspiration as we work to develop an appropriate architectural style for this historic Portsmouth Railway Site.

The previous approval contained an elevated sidewalk and ramp along Deer Street to gain access the first floor. Ground water elevations on site create conditions that require raising the first floor. However, we have eliminated tandem parking spaces below the building along the perimeter, therefore allowing space adjacent to the public sidewalks to be constructed at sidewalk grade.

Please review the following items submitted for consideration:

1.0 – Site Aerial & Agenda

**2.0** – Massing

### Appendix A

- Site and surroundings
- Zoning and Vision Plan

### Appendix B

Historic Research

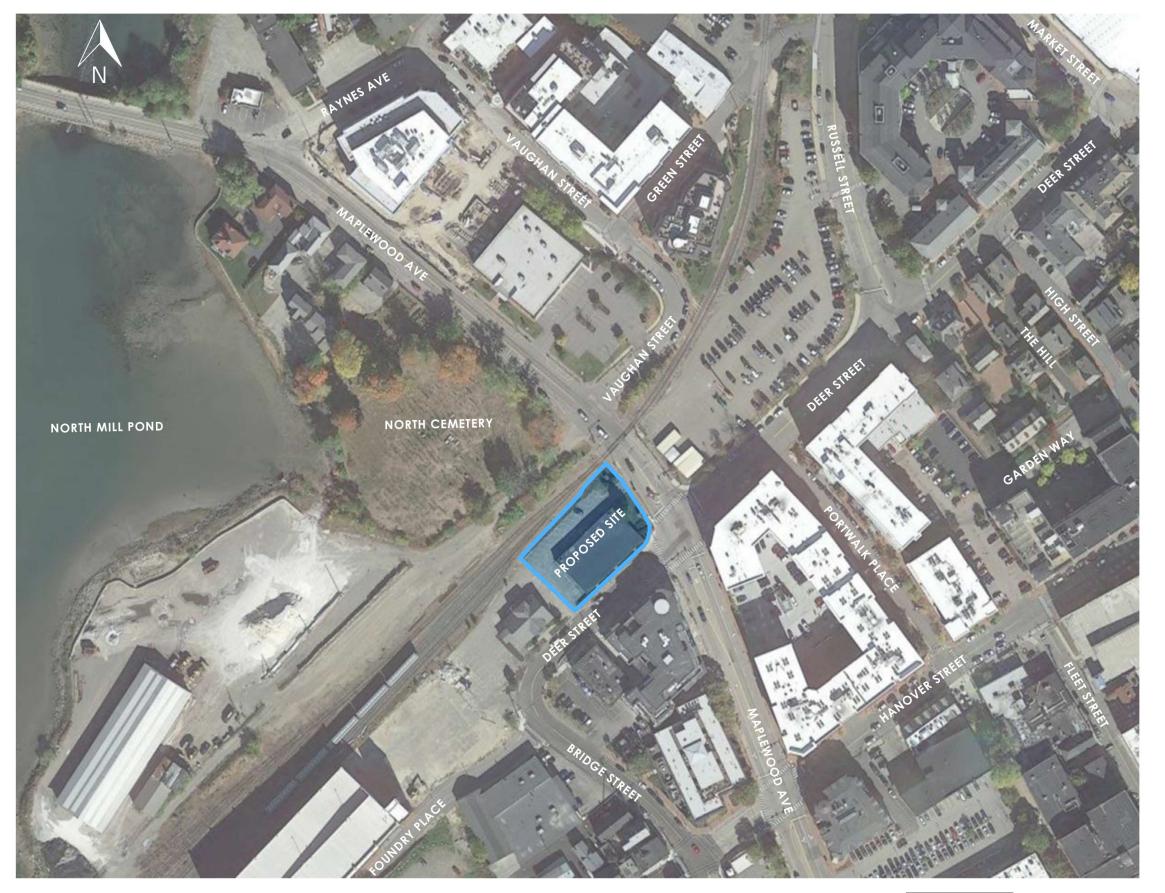
### Appendix C

North Mill Pond Coastal Resiliency

We respectfully submit this Application for Amended Approval. The current HDC Approval was granted to the prior owner.

Thank you for your consideration. Sincerely,

Carla Goodknight, AIA, NCARB Principal, CJ Architects



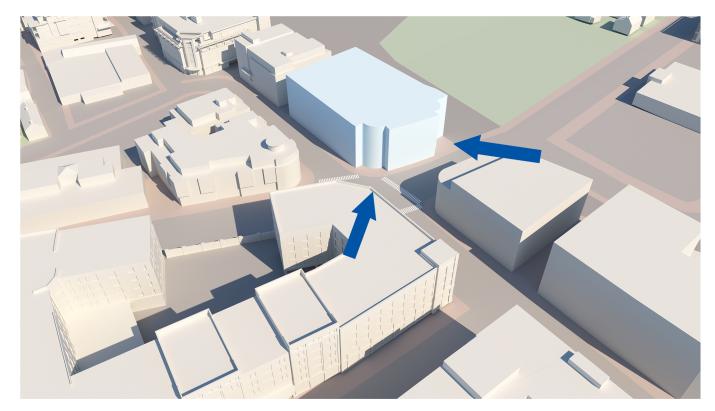




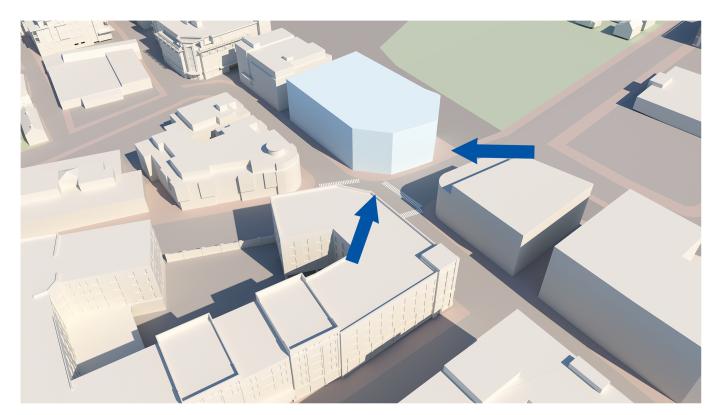
88 MAPLEWOOD (LOT 5)



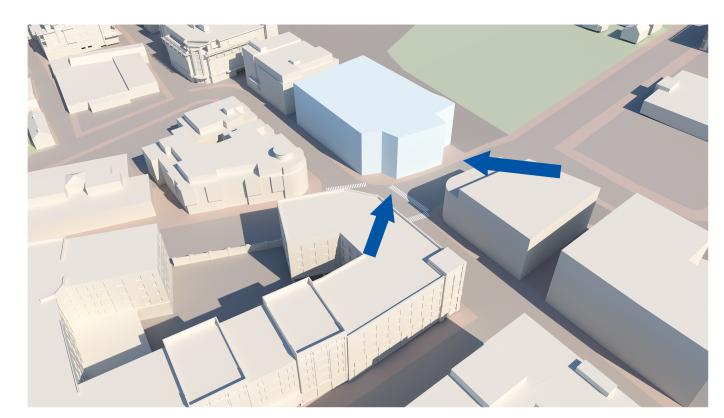
SITE MASSING - MAXIMUM HEIGHT AND VOLUME



PRIMARY CORNER MASSING - ERODED RADIUS FORM

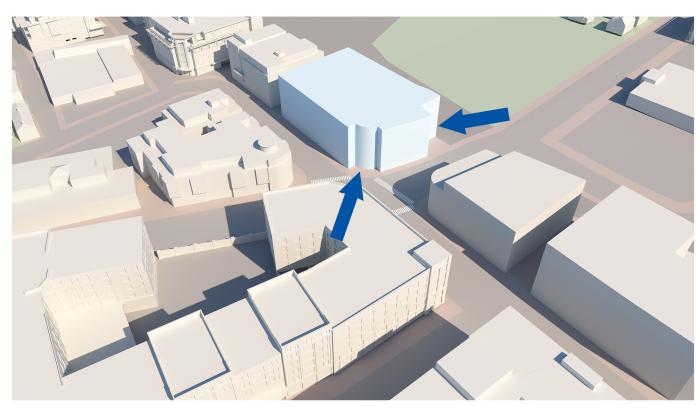


PRIMARY CORNER MASSING - SETBACK AT 45 DEGREES



PRIMARY CORNER MASSING - NOTCHED CORNER

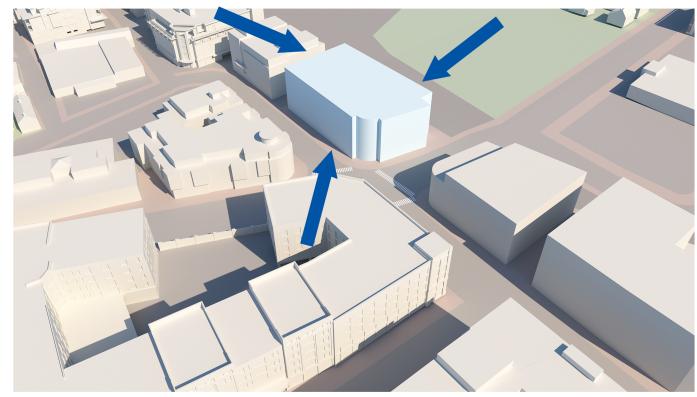




MIXED CORNERS - ENTRY HIERARCHY



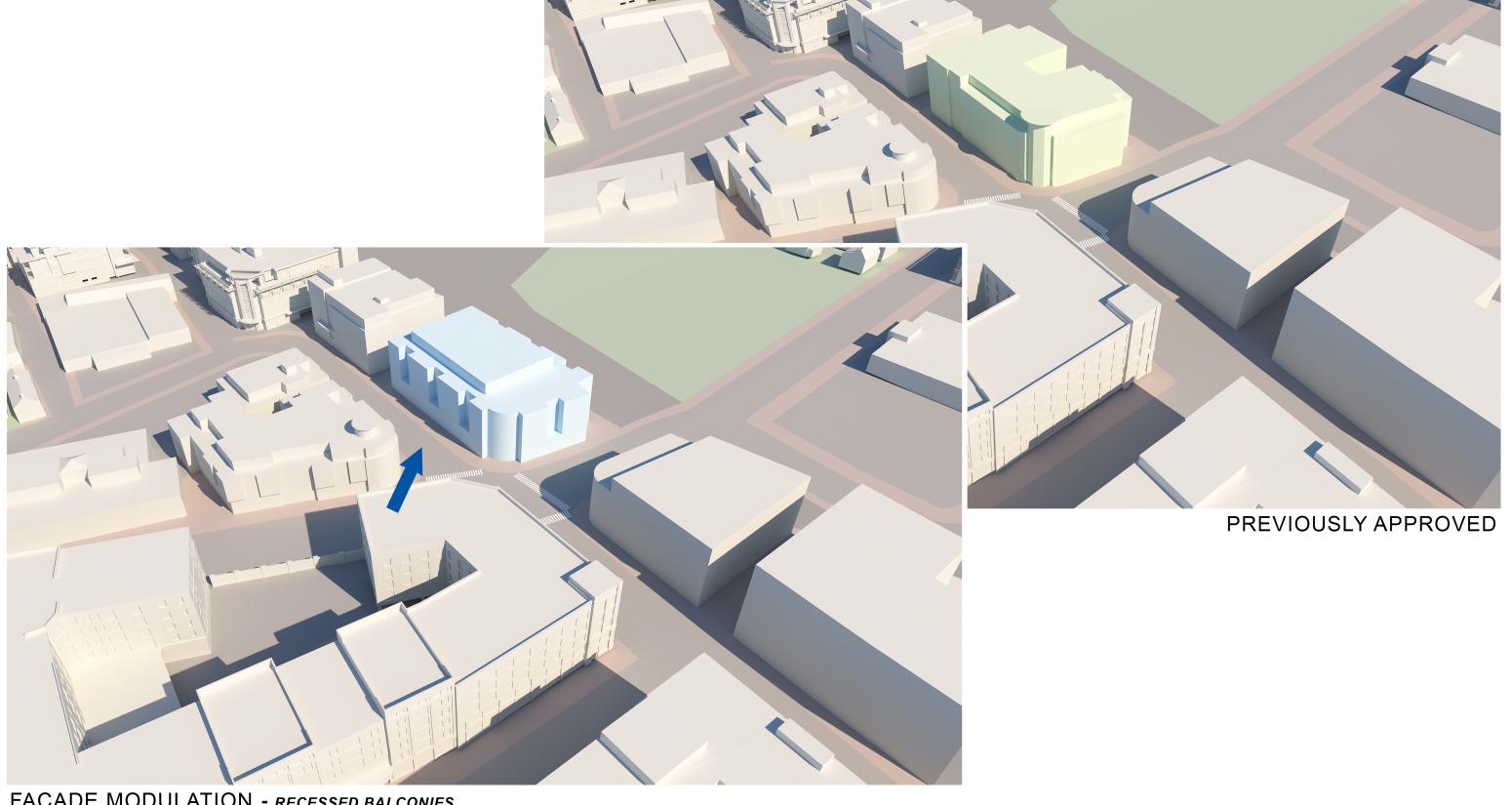
BUILDING HEIGHT - PENTHOUSE TOP FLOOR HEIGHT REDUCTION



PRIMARY BUILDING SETBACKS
- SETBACK FOR WIDE SIDEWALKS
- SETBACK FOR GARAGE ENTRY
- SETBACK FOR RAILROAD CORRIDOR



FACADE MODULATION - PROJECTING BALCONIES



FACADE MODULATION - RECESSED BALCONIES

PORTSMOUTH, NEW HAMPSHIRE



PORTSMOUTH, NEW HAMPSHIRE



PORTSMOUTH, NEW HAMPSHIRE







# **APPENDIX A:**

ZONING AND VISION PLAN
SITE AND SURROUNDINGS







\*Penthouse Levels may exceed the building height by 2 feet.

1. A short story includes either: 1) use of a top story below the cornice line of a sloped roof that is at least 20% shorter in height than the story below; or 2) a story within a mansard roof with a pitch no greater than 30:12.

- 2. When a lot is assigned to more than one height requirementstandard refer to the requirements listed in Section 10.5A21.22.
- 3. Attic space within either a gable, gambrel, hip or hip-top mansard roof or a penthouse level on a flat roof is not considered a story. Attic space is permitted above the top story provided the proposed building is no greater than the maximum building height.

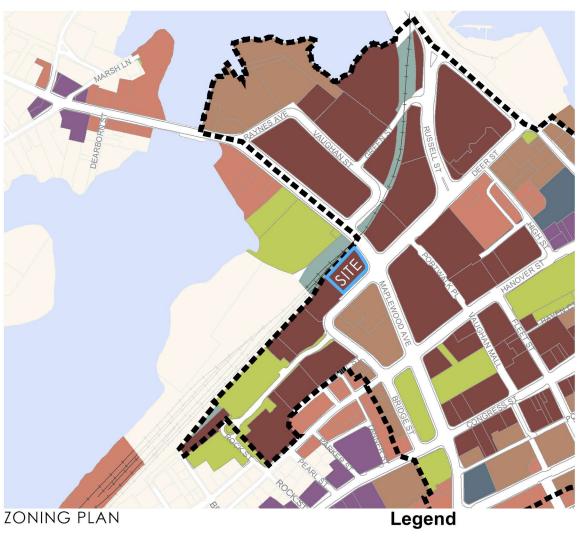
### Incentive Overlay Districts

Within the Incentive Overlay Districts, certain specified development standards, including height, density and parking, may be modified pursuant to Section 10.5A47.

- • • North End Incentive Overlay District Setween Maplewood Avenue and Russell Street, the boundary of the North End Incentive Overlay District is established at 100 feet from the mean high water line.
- West End Incentive Overlay District The boundary of the West End Incentive Overlay District is established at 200 feet from the rear lot lines of the abutting Aldrich Road lots and/or 100 feet from the rear lot lines of lots that abut the public or private portions of Chevrolet Avenue, whichever is greater.

# Legend

Maximum building height*				
9				



DOD Downtown Overlay District HD Historic District

**Character Districts** 

CD5 Character District 5 Character District 4 CD4-W Character District 4-B CD4-L1 Character District 4-L1 CD4-L2 Character District 4-L2

**Civic District** 

CIVIC Civic District

**Other Districts** 

Municipal District

Transportation Corridor







NORTH END VISION PLAN PROPOSED PROJECT SITE

### **BUILDING DESIGN**

The massing strategy of the vision plan is to respond to the surrounding context and viewsheds by stepping down building heights and densities towards the waterfront and existing historic structures. While Portsmouth's downtown is rich in historical architectural styles, public opinion during the charrette expressed a desire for a mixture of contemporary building design, styles types, materials and a wide variety of building height, volumes and massing techniques in the North End. This purposeful distinction will help to define the North End as a unique entity while complementing and contrasting with the historic character of the larger downtown.

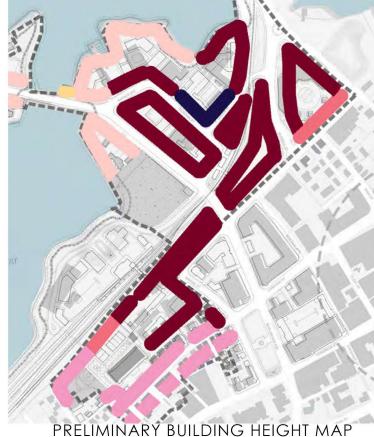
- 1 NOBLE'S ISLAND
- 2 ALBACORE MUSEUM
- 3 PSNH SUBSTATION
- 4 MAPLEWOOD/DENNETT GATEWAY REDEVELOPMENT
- 5 MARSH LANE PARK
- 6 WATERFRONT DINING
- MILL POND CIVIC PLAZA & GREEN
- 8 MILL POND WATERFRONT PARK & GREENWAY
- MARKET STREET ROUNDABOUT & PARKS
- 11 NORTH END PLAZA
- 12 FUTURE HARBORCORP/WHOLE FOODS CONVENTION CENTER
- 13 UNION CEMETERY/NORTH CEMETERY

- 14 MAPLEWOOD HISTORIC HOMES
- 15 TRANSIT ORIENTED DEVELOPMENT
- 16 FUTURE PASSENGER RAIL STATION
- 17 FUTURE NORTH END PARKING GARAGE W/ MIXED-USE LINER BUILDING
- 18 FUTURE MAPLEWOOD PARKING GARAGE W/ MIXED-USE LINER BUILDING
- 19 FUTURE MAPLEWOOD AVENUE SQUARE/PARK
- 20 FUTURE ARTISAN/WORKFORCE HOUSING DISTRICT
- 21 FUTURE UPWARD EXTENSION OF HEINEMANN BUILDING
- 22 FUTURE MIXED-USE DISTRICT
- 23 FUTURE INFILL & LINER BUILDINGS





NORTH END ARCHITECTURAL STYLE







300' & 500' SITE SURROUNDINGS





DEER STREET ELEVATION



ELEVATION FACING RAILROAD TRACKS



ELEVATION FACING LOT 4



MAPLEWOOD AVE ELEVATION

PORTSMOUTH, NEW HAMPSHIRE

# SITE AND SURROUNDINGS

EXISTING BUILDING

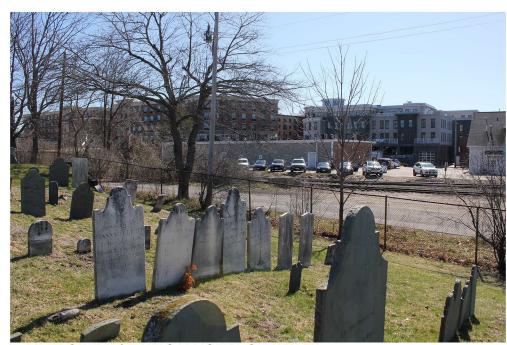
HDC WORK SESSION #2 APPLICATION TO AMEND PREVIOUS APPROVAL:

JUNE 1, 2022





A. VIEW ACROSS NORTH MILL POND TO NORTH CEMETARY



B. VIEW OF THE SITE FROM NORTH CEMETARY



C. VIEW OF THE SITE FROM MAPLEWOOD AVENUE



D. VIEW OF THE SITE FROM VAUGHAN STREET

PORTSMOUTH, NEW HAMPSHIRE

### SITE AND SURROUNDINGS





E. VIEW FROM DEER STREET TO FOUNDRY GARAGE





G. VIEW OF THE SITE FROM BRIDGE STREET



H. VIEW OF SITE FROM THE CORNER OF BRIDGE STREET



X. VIEW OF RAILROAD TRACKS ABUTTING SITE

PORTSMOUTH, NEW HAMPSHIRE

## SITE AND SURROUNDINGS PRIMARY VIEWS OF THE SITE

HDC WORK SESSION #2 APPLICATION TO AMEND PREVIOUS APPROVAL: JUNE 1, 2022









111 MAPLEWOOD



299 VAUGHAN STREET



233 VAUGHAN STREET



PORTWALK



25 MAPLEWOOD



30 MAPLEWOOD



46 MAPLEWOOD



88 MAPLEWOOD (LOT 5)

PORTSMOUTH, NEW HAMPSHIRE



163 DEER STREET



126 BRIDGE STREET



FOUNDRY PARKING GARAGE



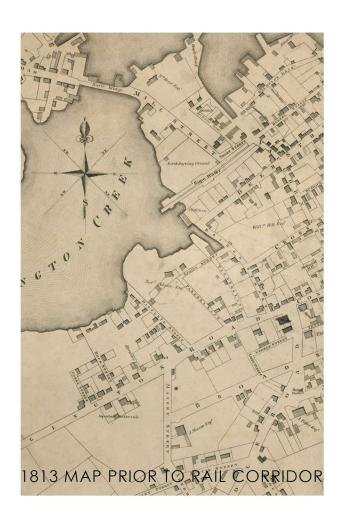
HDC WORK SESSION #2 APPLICATION TO AMEND PREVIOUS APPROVAL: JUNE 1, 2022



# **APPENDIX B:**

# HISTORIC RESEARCH

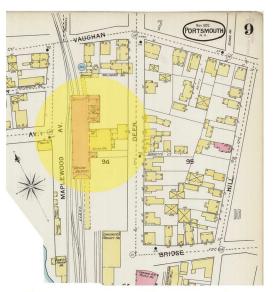




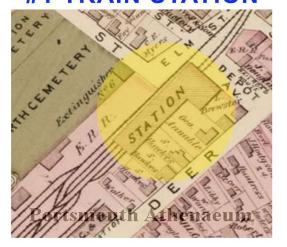
- **#1 TRAIN STATION**
- **#2 KEARSARGE MILL**
- **#3 ROUNDHOUSE**
- **#4 FRANK JONES BREWERY**
- **#5 ELDREDGE BREWERY**

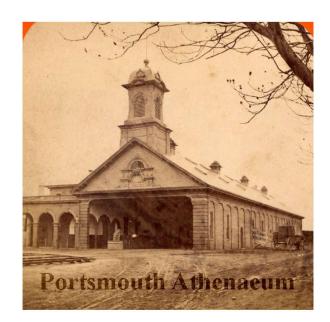






**#1 TRAIN STATION** 

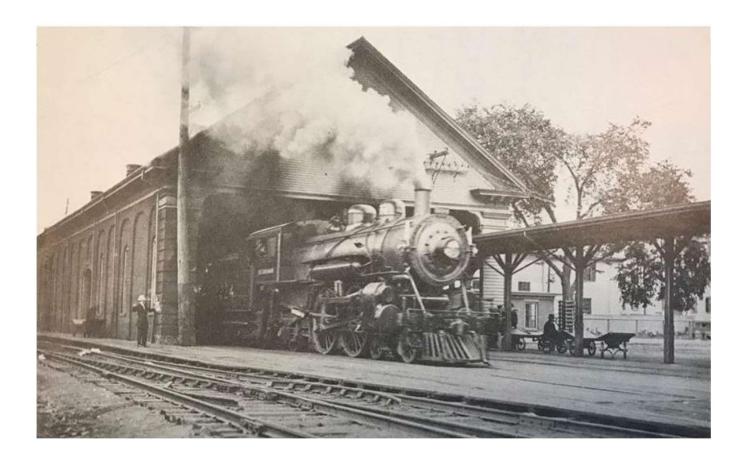






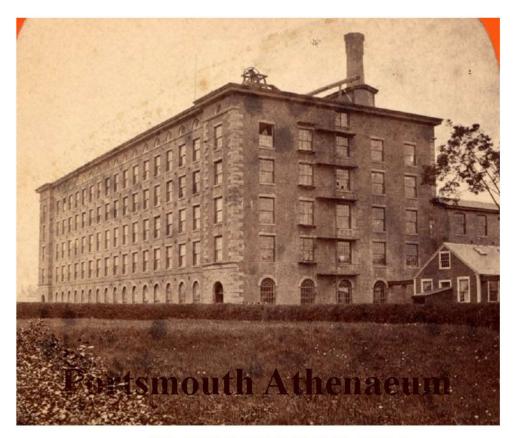




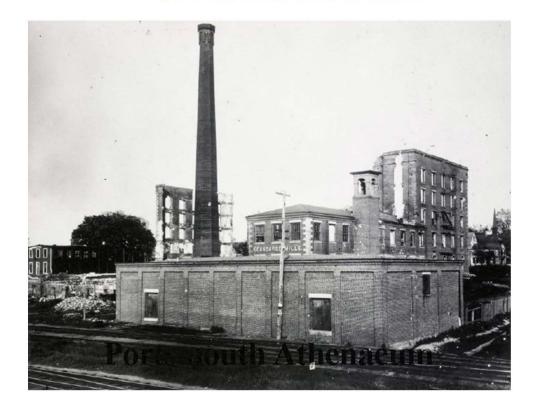




Boston & Maine Station, Portsmouth, N. H.



**#2 KEARSARGE MILL** 



88 MAPLEWOOD (LOT 5) PORTSMOUTH, NEW HAMPSHIRE







**#3 ROUNDHOUSE** 







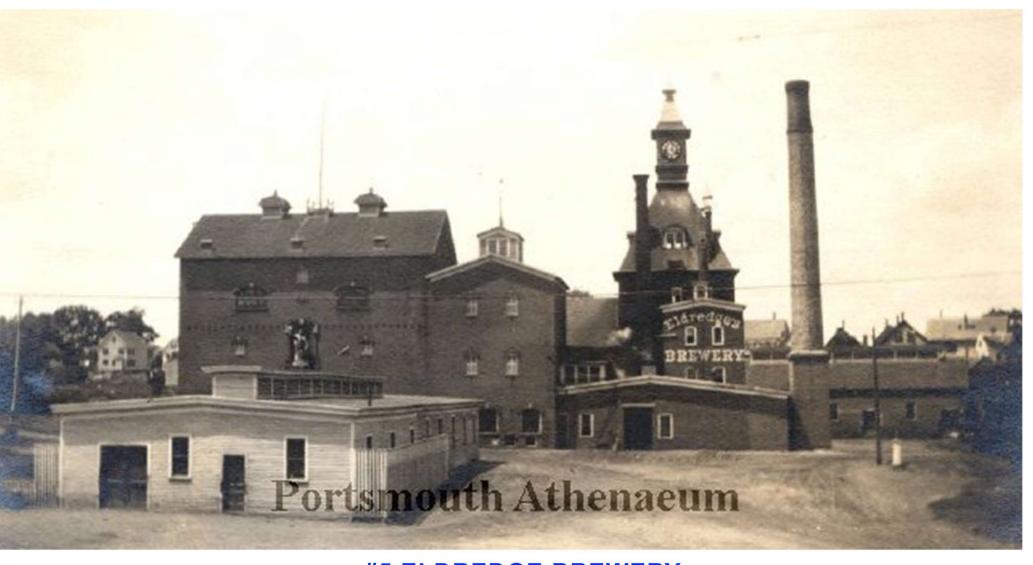




**#4 FRANK JONES BREWERY** 



88 MAPLEWOOD (LOT 5) PORTSMOUTH, NEW HAMPSHIRE



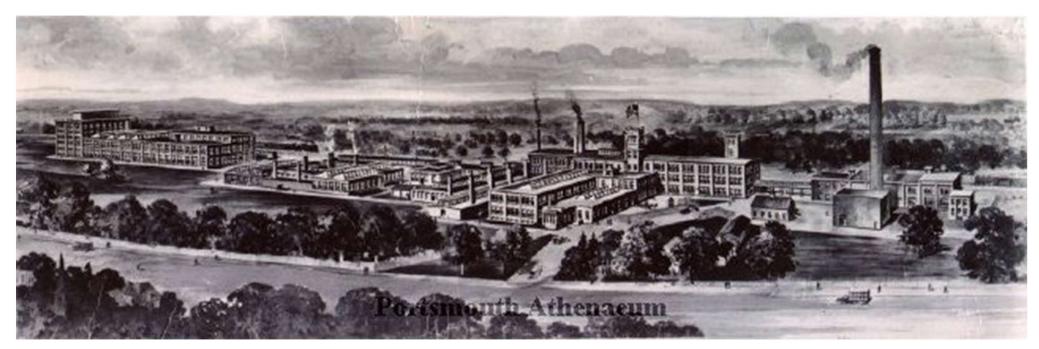
**#5 ELDREDGE BREWERY** 

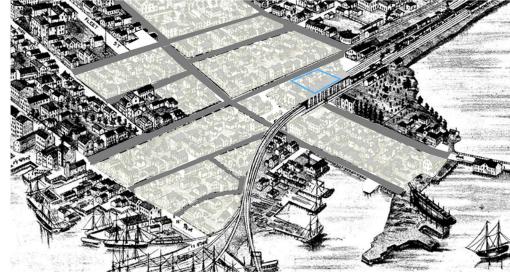


**RELATED STRUCTURES** 



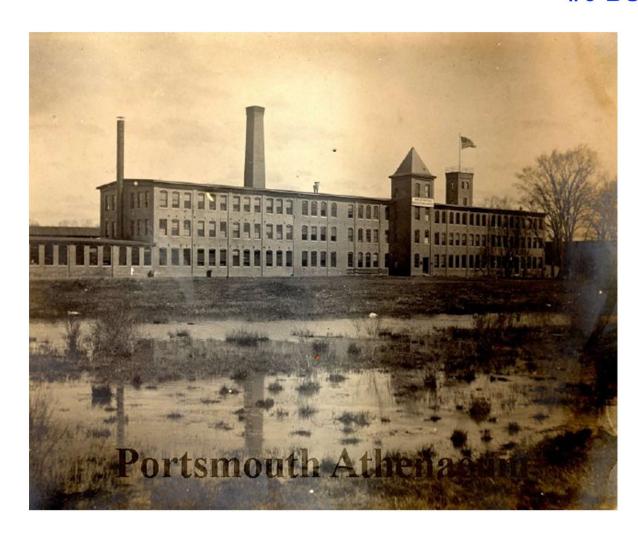


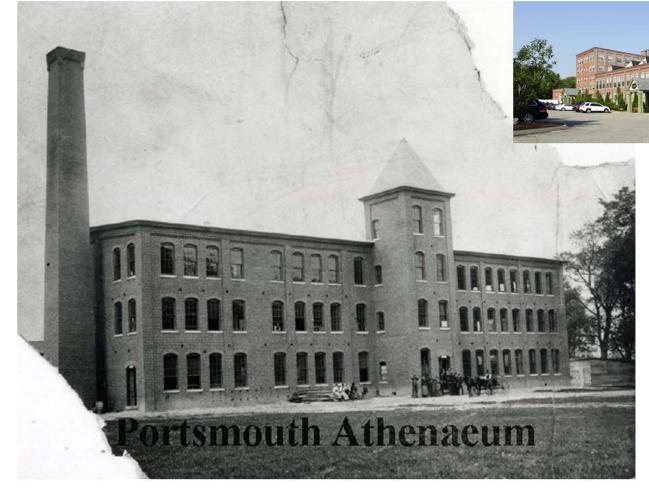


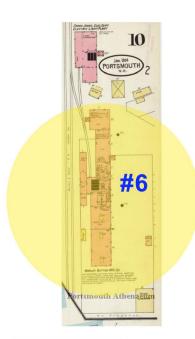


EXTENT OF URBAN RENEWAL IN THE 1960'S PROPOSED PROJECT SITE

**#6 BUTTON FACTORY** 







PORTSMOUTH, NEW HAMPSHIRE

88 MAPLEWOOD (LOT 5)

RELATED STRUCTURES



# **APPENDIX C:**

BUILDING ELEVATIONS AND COASTAL RESILIENCY OF NORTH MILL POND



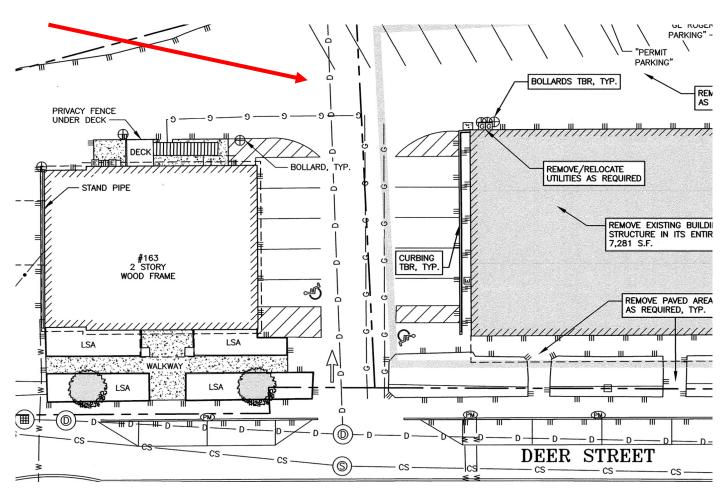
# Building Elevations Based on Coastal Resiliency North Mill Pond

PB Meeting May 19, 2022

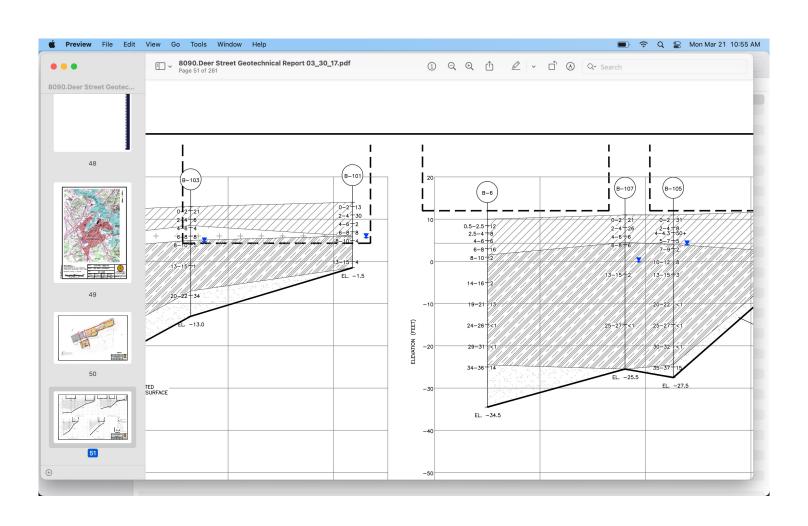
Site: 161 Deer Street, Portsmouth NH 03801 (88 Maplewood Design Review)

# 163 Deer Street Drainage Easement

### Stormwater Drain



# Groundwater already at ~6'



# Low Tide, North Mill Pond



# Avg. High Tide, North Mill Pond



# High tide, North Mill Pond May 17, 12:24 AM (pipe submerged)



# High Tide Maplewood, North Mill Pond May 17, 12:24 AM (~5' - 5.5' elevation?)



# Portsmouth Tide Chart May 2022



www.USHarbors.com

### Portsmouth, NH - May 2022

Date			Hi	gh			Lo	ow	<b>\disp</b>		(	
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Sun	12:24	8.8	12:56	8.0	6:38	-0.3	6:44	0.6	5:31	7:44	
2	Mon	1:01	8.7	1:36	7.8	7:17	-0.3	7:21	0.8	5:29	7:45	
3	Tue	1:36	8.6	2:15	7.6	7:55	-0.1	7:58	1.1	5:28	7:47	
4	Wed	2:13	8.3	2:55	7.3	8:34	0.2	8:36	1.3	5:27	7:48	
5	Thu	2:51	8.1	3:38	7.1	9:14	0.4	9:18	1.6	5:25	7:49	
6	Fri	3:34	7.8	4:25	6.9	9:59	0.7	10:04	1.8	5:24	7:50	
7	Sat	4:22	7.6	5:15	6.7	10:47	0.9	10:55	1.9	5:23	7:51	
8	Sun	5:14	7.4	6:07	6.7	11:37	1.1	11:49	1.9	5:22	7:52	0
9	Mon	6:09	7.3	6:59	6.9			12:29	1.1	5:20	7:54	
10	Tue	7:05	7.3	7:51	7.2	12:46	1.8	1:22	1.0	5:19	7:55	
11	Wed	8:03	7.5	8:40	7.6	1:45	1.5	2:13	0.8	5:18	7:56	
12	Thu	8:57	7.7	9:25	8.1	2:41	1.1	3:02	0.6	5:17	7:57	0
13	Fri	9:48	8.0	10:09	8.7	3:32	0.5	3:48	0.3	5:16	7:58	$\mid \mathbf{O} \mid$
14	Sat	10:37	8.2	10:52	9.2	4:20	-0.1	4:33	0.1	5:14	7:59	0
15	Sun	11:26	8.4	11:37	9.6	5:08	-0.7	5:18	-0.1	5:13	8:00	0
16	Mon			12:16	8.6	5:56	-1.1	6:06	-0.2	5:12	8:01	0
17	Tue	12:24	9.8	.07	8.6	6:46	-1.3	6:55	-0.1	5:11	8:02	0
18	Wed	1:13	9.9	1: 9	8.5	7:37	-1.3	7:46	0.0	5:10	8:04	0
19	Thu	2:05	9.8	2:54	8.3	8:30	-1.2	8:41	0.2	5:09	8:05	0
20	1 11	0.01	9.5	3:53	8.1	9:27	-0.9	9:40	0.5	5:08	8:06	0
21	Sat	4:02	9.1	4:57	7.9	10:28	-0.5	10:45	0.7	5:08	8:07	0
22	Sun	5:07	8.7	6:01	7.9	11:31	-0.2	11:53	0.9	5:07	8:08	
23	Mon	6:15	8.4	7:04	7.9			12:34	0.1	5:06	8:09	
24	Tue	7:22	8.1	8:05	8.1	1:03	0.9	1:37	0.3	5:05	8:10	
25	Wed	8:27	7.9	9:01	8.3	2:11	0.8	2:36	0.4	5:04	8:11	
26	Thu	9:27	7.8	9:51	8.5	3:12	0.5	3:29	0.5	5:04	8:12	
27	Fri	10:20	7.8	10:36	8.6	4:06	0.2	4:16	0.6	5:03	8:12	
28	Sat	11:09	7.7	11:18	8.7	4:54	0.1	4:59	0.8	5:02	8:13	
29	Sun	11:54	7.7	11:57	8.6	5:38	0.0	5:40	0.9	5:02	8:14	
30	Mon			12:36	7.6	6:19	-0.1	6:18	1.1	5:01	8:15	
31	Tue	12:35	8.6	1:16	7.5	6:57	0.0	6:56	1.2	5:00	8:16	

# USHARBORS II • • • • • • Portsmouth, NH - Jun 2022

# Portsmouth Tide Chart June 2022

						1						
Date		High				Low				<b>\Rightarrow</b>		
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Wed	1:12	8.5	1:55	7.3	7:34	0.1	7:33	1.4	5:00	8:17	
2	Thu	1:49	8.3	2:33	7.2	8:12	0.3	8:11	1.5	4:59	8:18	
3	Fri	2:27	8.2	3:13	7.1	8:50	0.4	8:51	1.6	4:59	8:18	
4	Sat	3:07	8.0	3:56	7.0	9:31	0.6	9:35	1.7	4:59	8:19	
5	Sun	3:51	7.8	4:40	7.0	10:14	0.7	10:22	1.7	4:58	8:20	
6	Mon	4:38	7.7	5:26	7.1	10:58	0.7	11:13	1.7	4:58	8:21	
7	Tue	5:28	7.6	6:12	7.3	11:44	0.8			4:58	8:21	0
8	Wed	6:20	7.5	7:00	7.6	12:06	1.5	12:32	0.8	4:57	8:22	0
9	Thu	7:16	7.5	7:49	8.0	1:01	1.2	1:22	0.7	4:57	8:22	0
10	Fri	8:14	7.6	8:39	8.5	1:59	0.8	2:14	0.6	4:57	8:23	0
11	Sat	9:11	7.8	9:29	9.0	2:55	0.3	3:06	0.4	4:57	8:24	0
12	Sun	10:06	8.0	10:19	9.5	3:50	-0.3	3:58	0.2	4:57	8:24	0
13	Mon	11:00	8.2	11:10	9.8	4:42	-0.8	4:49	0.1	4:57	8:25	0
14	Tue	11:55	8.3			5:35	-1.1	5:42	-0.1	4:57	8:25	0
15	Wed	12:03	10.0	12:50	8.4	6:29	-1.3	6:36	-0.1	4:57	8:26	0
16	Thu	12:57	10.1	1:45	8 5	7:23	-1.4	7:32	0.0	4:57	8:26	0
17	Fri	1:53	9.9	2:41	3.4	8:18	-1.2	8:28	0.1	4:57	8:26	0
18	Sat	2.50	9.6	0.09	8.3	9:14	-1.0	9:28	0.3	4:57	8:27	0
19	Sun	3:50	9.2	4:39	8.3	10:12	-0.7	10:32	0.5	4:57	8:27	0
20	Mon	4:52	8.8	5:39	8.3	11:10	-0.3	11:37	0.6	4:57	8:27	
21	Tue	5:55	8.3	6:37	8.3			12:08	0.1	4:57	8:27	•
22	Wed	6:58	7.9	7:34	8.3	12:42	0.7	1:05	0.4	4:58	8:28	•
23	Thu	8:01	7.6	8:29	8.3	1:46	0.7	2:02	0.7	4:58	8:28	•
24	Fri	9:01	7.4	9:20	8.4	2:48	0.6	2:57	1.0	4:58	8:28	
25	Sat	9:56	7.3	10:07	8.4	3:43	0.4	3:47	1.1	4:58	8:28	
26	Sun	10:46	7.3	10:51	8.4	4:32	0.3	4:32	1.2	4:59	8:28	
27	Mon	11:32	7.3	11:33	8.4	5:16	0.3	5:14	1.3	4:59	8:28	
28	Tue			12:15	7.3	5:58	0.2	5:54	1.3	5:00	8:28	
29	Wed	12:13	8.4	12:55	7.3	6:37	0.2	6:33	1.3	5:00	8:28	
30	Thu	12:51	8.4	1:33	7.2	7:14	0.2	7:10	1.4	5:01	8:28	

# Garage 8' FFE proposed

- Whereas existing groundwater is reported at 6' (during unknow tidal conditions, Geoinsight report)
- Whereas [King] High Tides are nearly 6' now
- Whereas FEMA base flood elevation is 8' (revised 2021) and sea levels are expected to rise
- Whereas the Storm Drain directly connects water levels in North Mill Pond to Deer Street (15' from foundation)
  - Said Pipe is substantially full and under pressure during high tide events – DPW preference is no pumping
  - Site proximity to North Mill Pond (~300') would recirculate flow if dewatered regularly
- Applicant has proposed 8' Garage FFE w/ 15' Entry FFE
- Applicant has also proposed First floor @18' FFE to allow for ADA Van height clearance 8'2" in garage

# FEMA Flood Map (8' BFE)

