

January 8, 2021

Boston Conservation Commission Attn: Nicholas Moreno, Executive Director 1 City Hall Square Boston, MA 02201

Re: Response to January 5, 2021 Comments on Notice of Intent Bajko Rink and Olsen Swimming Pool Facility MA Department of Conservation and Recreation 75 & 95 Turtle Pond Parkway, Hyde Park (Boston), MA Coneco Project No. 10815

**Dear Conservation Commissioners:** 

On behalf of the Massachusetts Department of Conservation and Recreation, Coneco Engineers and Scientists, Inc. (Coneco) is submitting responses to the following emailed January 5, 2021 comments on the Bajko Ice Skating Rink Parking Lot and Olsen Pool Notice of Intent (NOI).

1. The NOI was correct that the Ordinance conveys a Riverfront Area to intermittent streams, however, the Waterfront Area is separate from the Riverfront Area. The Waterfront Area extends an additional 25ft from the edge of the Riverfront area. Therefore both Riverfront Area and Waterfront Area are onsite with different temporary and permanent impacts. Please revise as necessary.

Attached is a set of plans showing the limits of the 25-foot Waterfront Area (WFA) and 25-foot Riverfront Area (RFA) as separate resource areas. There are no impacts to state-regulated wetland resource areas associated with the project. A discussion of revised impacts is given below.

2. The narrative seems to indicate that there are more temporary impacts to the wetlands than what is listed on the NOI Forms. Is that the case?

We have added the 25-foot Waterfront Resource Area to the plans, recalculated the total square footage of resource areas and buffer zone on site and recalculated impacts to local regulated areas. Updated figures, plans and page 3 of the City of Boston NOI Form are attached. There are no impacts to MA WPA Resource Areas. See discussion below for a discussion of impacts.

3. The narrative that was provided must be revised to include the total square footage alteration of the buffer zone, compliance with the Riverfront Area and Waterfront Area

# provisions of the Act and Ordinance, and a discussion of climate resilience (see the filing guide for specifics).

The project will result in temporary and permanent new impacts to the buffer zone, local 25-foot Riverfront Area and local 25-foot Waterfront Area associated with an intermittent stream, and new permanent impacts to the local vegetated wetland 100-foot buffer zone.

#### Intermittent Stream Related Buffers and Local Resource Areas

Temporary and permanent impacts to landscaped areas and lawn within the 100-foot buffer zone, 25-foot Waterfront Area, and 25-foot Riverfront Area associated with an unnamed intermittent stream will occur when constructing stairs, extending an existing paved sidewalk, installing the infiltration outlet structure, and installing erosion controls (Table 1). The remaining work within the buffer zone, Waterfront Area, and Riverfront Area will involve the reconstruction / replacement of existing pavement, structures, or utilities.

Table: Temporary and Permanent Impacts to Local Resource Areas and State and Local Buffer Zones

Resource Areas / Buffer Zones	Total Area on Site	Total Temporary Impacts	Total Permanent Impacts
25' Riverfront Area	5,463 sf	365 sf	23 sf
25' Waterfront Area	6,926 sf	1,900 sf	361 sf
Intermittent Stream 100' Buffer	16,136 sf	350 sf	400 sf
Local Vegetated Wetland 100' Buffer	26,758 sf	-	720 sf
Local Vegetated Wetland / State Bordering Vegetated Wetland 100' Buffer	23,444 sf	-	14 sf

Approximately 5,463 square feet of local 25-foot Riverfront Area (RFA) associated with an unnamed intermittent stream exists on site. The proposed project will permanently impact 23 square feet of previously disturbed local RFA. This impact is associated with the new section of a paved path/walkway extending from the parking lot/pool building and connecting into the existing picnic area paths and footbridges. Approximately 365 square feet of temporary impacts to local RFA will occur when installing erosion controls, installing the infiltration system's outlet structure and when extending the path.

Approximately 6,926 square feet of local 25-foot Waterfront Area (WFA) (25 feet from the limits of the local RFA) associated with the unnamed intermittent stream exists on site. The project will permanently impact approximately 361 square feet and temporarily impact 1,900 square feet of previously landscaped or disturbed WFA on site. Permanent impacts are associated with the new section of a paved path/walkway extending from the parking lot/pool building and connecting into the existing picnic area paths and footbridges. Temporary impacts to the 25-foot WFA will occur when grading for walks, installing erosion controls and when installing the infiltration system's outlet pipe.

Approximately 400 square feet of new permanent and 200 square feet of temporary impacts to the intermittent stream's 100-foot buffer will occur during construction. These impacts are associate with the conversion of lawn to a new paved walkway / stair switchback between the parking lot and the pool building. Another 150 square feet of temporary impacts to the 100-foot intermittent stream buffer will occur when installing the infiltration system's outlet pipe.

All permanent and temporary impacts will occur within previously landscaped areas, lawn or disturbed areas immediately adjacent to existing pavement.

#### Local Vegetated Wetland 100-Foot Buffer

Approximately 720 square feet of permanent impacts within the 100-foot buffer zone to local vegetated wetland resource area will occur in the north west corner of the parking lot when constructing a 6-foot sidewalk. The proposed sidewalk will be constructed within previously disturbed and lawn portions of the site between the existing parking lot pavement and the pool area.

#### Local Vegetated Wetland / State Bordering Vegetated Wetland 100-Foot Buffer

Approximately 14 square feet of permanent impact to the 100-foot buffer associated with local vegetated wetland / state Bordering Vegetate Wetland will occur when installing the flared end section and stone for the trench drain outlet to the north east of the pool.

#### Individual and Cumulative Adverse Effect Analysis

The proposed project will not have "a significant individual or cumulative adverse effect upon protection of the following resource area values, including, but not limited to: protection of the public or private water supply and quality; protection of the public and private groundwater supply and quality; short term and long term coastal and stormwater flood control, erosion and sedimentation control; storm damage prevention, including coastal storm flowage; protection of surface water supply and quality, including water pollution control; flood conveyance and storage; protection of fisheries, land containing shellfish, wildlife habitat, rare and endangered plant and animal species and habitat, wetland plant habitat, and recreation, and to protect the health, safety, and welfare of the public and to mitigate impacts from climate change. Collectively, these are the resource area values and interests ("Resource Area Values") protected by this Ordinance".

The following resource areas values protected by the Boston Wetland Ordinance <u>are not associated with the project</u>:

public or private water supplies, coastal storm flowage, fisheries, land containing shellfish, wildlife habitat, or rare and endangered plant and animal species and habitat.

The project will result in <u>a benefit to the following resource area values</u> protected by the Boston Wetland Ordinance:

groundwater quality and quantity, surface water quality, water pollution control, and flood conveyance and storage.

4 First Street, Bridgewater, MA 02324 (508) 697-3191 (800) 548-3355

The project involves improvements to the existing stormwater system on site. The parking lot stormwater improvements will improve surface and groundwater quality by pretreating stormwater prior to infiltrating stormwater below the parking areas. Larger flows from the existing parking lot overflow to an outlet structure set in rip rap to avoid erosion and siltation of adjacent resource areas. Larger flows from the employee parking lot will outlet to the municipal stormwater system.

The project will result in an <u>improvement to the recreation values</u> protected by the Boston Wetland Ordinance by improving and adding pedestrian sidewalks and paths and upgrading handicap accessible facilities on site.

The project will not directly fill wetland plant habitat or cut wetland vegetation.

The project will result in a <u>net improvement to adjacent wetland resource area values</u> as a result to the proposed stormwater improvements and upgrades to the recreational facilities.

#### Climate Resiliency

The project involves the work on the existing pool structure and improvements to an existing parking lot. There will be no increase in runoff discharging from the project as a result of the proposed improvements, in fact there will be a decrease in runoff and an increase in infiltration. The project involves upgrading the existing stormwater system within the parking lot. Drainage from the parking lot will be captured in deep sump hooded catch basins for pretreatment prior to reaching an infiltration system constructed under the parking lot. Overflow drainage from the infiltration system will outlet to a drywell (beehive outlet structure) set in rip rap. Stormwater from the proposed employee parking area will be collected in a deep sump hooded catch basin and sent to a small infiltration system prior to out-letting to an existing municipal drainage system connected to Turtle Pond Parkway. The project will result in a decrease in existing stormwater peak flows discharging from the site. There will be a 60% reduction in peak discharge rates during the 25-year storm event upon completion of parking lot improvements.

There is no change in the impervious area associated with the pool deck so pre- and post- runoff quantities from the pool deck are not anticipated to change. A 4-inch-diameter trench drain will be installed along the pool deck and will collect and discharge stormwater from a small portion of the pool deck. The trench drain will outlet to the northeast of the pool deck. The outlet will be fitted with a HDPE flared end section and stone to protect the outlet from erosion. The outlet is set back from wetland resource areas and will not directly discharge to wetland resource areas. It is not anticipated that the trench drain will result in significant discharge volume to adjacent wetland buffer zone.

It is not anticipated that there will be any pavement-related heating issues associated with the project. Approximately seven (7) mature trees located in a vegetated island between the parking lot and site drive will be protected as a part of the project. These trees are south/southeast of the parking lot and will continue to provide pavement shading. No trees will be removed when constructing the proposed stormwater outlet structure. The wooded areas located to the east/northeast of the parking lot will continue to provide early morning pavement shading.

The proposed pool and parking lot improvements are located inland far from coastal areas and are not located within the 100-year floodplain so it is not anticipated that the project will affect or be impacted by sea level rise.

#### 4. The plan set will need to be revised with the correct resource area limits.

Revised plans are attached.

Please do not hesitate to contact me at 508-944-0479 should you have any questions and/or comments pertaining to the information contained herein or require additional information.

Sincerely,

Michael J. Toohill, PWS CE CERP

- Jain

Sr. Environmental Scientist

Cc: Raul Silva – DCR
Dean Souza – DCR
Kevin McHugh – Coneco
Lori Macdonald – Coneco

#### Attachments:

- 2 Revised Boston NOI Form Page 3
- 3 Revised Bajko Parking Lot Plans with Waterfront Area
- 4 Revised Olsen Pool Plans with Waterfront Area
- 5 Bajko Parking Lot Impact Figure
- 6 Olsen Pool Impact Figure



ENVIRONMENTAL

ECOLOGICAL

ENERGY

SURVEY

CIVIL

December 15, 2020

Boston Conservation Commission 1 City Hall Square Boston, MA 02201

Re: Notice of Intent

MA Department of Conservation and Recreation
Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements
75 & 95 Turtle Pond Parkway, Boston (Hyde Park), MA
Coneco Project No. 10815

**Dear Conservation Commissioners:** 

On behalf of the Department of Conservation and Recreation, Coneco Engineers and Scientists, Inc. (Coneco) is submitting this Notice of Intent (NOI) for the proposed repair and reconstruction of the Olsen Pool and other site improvements within the Stony Brook Reservation located in Boston (Hyde Park). All work is to take place in already disturbed areas, no resource areas will be affected. The purpose of the proposed work is to upgrade and repair the existing recreational facility.

Enclosed are two (2) copies of the Notice of Intent Package, one (1) full size set of project plans (24" x 36"), two (2) copies of the project plans reduced to 11" x 17", and two (2) copies of the Stormwater Checklist and Stormwater Report. Also included is a \$600.00 check for the City of Boston Wetland Ordinance filing fee and a check for \$1,500.00 to cover the City of Boston filing fee. A copy of the filing has been forwarded to the MA DEP, North East Regional Office.

On behalf of the Department of Conservation and Recreation we request that this NOI be heard at your next available meeting and that the Boston Conservation Commission issue an Order of Conditions allowing the project to proceed. Please don't hesitate to contact me at 508-944-0479 should you have any questions and/or comments pertaining to the information contained herein or require additional information.

Sincerely,

Michael J. Toohill, PWS CE CERP

Sr. Environmental Scientist

Cc: MA DEP - NERO (w/Attachments) Raul Silva, Dean Souza – DCR

Kevin McHugh - Coneco

#### NOTICE OF INTENT

#### FILED UNDER:

MASSACHUSETTS WETLANDS PROTECTION ACT MGL c131 §40 and the

BOSTON WETLANDS ORDINANCE, CITY OF BOSTON CODE, ORDINANCES, CHAPTER 7-1.4

#### PROJECT:

OLSEN SWIMMING POOL RENOVATIONS AND
BAJKO SKATING RINK PARKING LOT IMPROVEMENTS

STONY BROOK RESERVATION
75 & 95 TURTLE POND PARKWAY
BOSTON (HYDE PARK), MASSACHUSETTS 02136

#### PREPARED FOR:

MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION
BLUE HILLS RESERVATION HEADQUARTERS
695 HILLSIDE STREET
MILTON, MASSACHUSETTS 02186

#### PREPARED BY:



238 Littleton Road, Suite 105 • Westford, Massachusetts 01886

Phone: (978) 656-8684

December 15, 2020 Coneco Project No. 10815

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PROPOSED PROJECT

ALTERNATIVES CONSIDERED

PROJECT IMPACTS

IMPACT AVOIDANCE AND MITIGATON MEASURES

CONFORMANCE WITH WPA PERFORMANCE STANDARDS

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FIGURE 1: USGS TOPOGRAPHIC MAP

FIGURE 2: AERIAL MAP

FIGURE 3: MA NATURAL HERITAGE HABITAT MAP

FIGURE 4: CRITICAL AREAS (ACECs, ORWs, & VERNAL POOLS)

FIGURE 5: FEMA FLOOD HAZARD LAYER

ATTACHMENT C NOTICE TO ABUTTERS

AFFIDAVIT OF SERVICE NOTICE TO ABUTTERS

**ABUTTERS LIST** 

ATTACHMENT D PHOTOGRAPHS

ATTACHMENT E DEP STORMWATER CHECKLIST AND STORMWATER REPORT

ATTACHMENT F PROJECT PLANS (BOUND SEPARATELY)

# MA WPA FORM 3

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts



# WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

)	Provided by MassDEP:		
	MassDEP File Number		
	Document Transaction Number		
	Boston		

City/Town

#### Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

# A. General Information

75 & 95 Turtle Pond Parkway	Boston	02136			
a. Street Address	b. City/Town	c. Zip Code			
Latituda and Lanaituda.	42.2504	-71.1385			
Latitude and Longitude:	d. Latitude	e. Longitude			
Parcel ID: 1812172000	1812172000				
f. Assessors Map/Plat Number	g. Parcel /Lot Nur	mber			
Applicant:					
a. First Name	b. Last Name				
Mass. Dept. of Conservation an	d Recreation; attn Dean Souza, Re	gional Engineer			
c. Organization					
Blue Hills Resv. HQ; 695 Hillside	е				
d. Street Address					
Milton	MA	02186			
e. City/Town	f. State	g. Zip Code			
617-322-8770	dean.souza@mas	ss.gov			
x88778 i. Fax Nu	mber j. Email Address				
<ul><li>c. Organization</li><li>251 Causeway Street; Suite 900</li></ul>	)				
d. Street Address					
Boston	MA	02114			
e. City/Town	f. State	g. Zip Code			
617-626-4986	priscilla.geigis@st	ate.ma.us			
h. Phone Number i. Fax Nu	mber j. Email address				
Representative (if any):					
Michael	Toohill				
a. First Name	b. Last Name				
Coneco Engineers & Scientists, Inc.					
c. Company					
238 Littleton Road, Suite 105					
d. Street Address	B.4.0	04000			
Westford	MA	01886			
e. City/Town	f. State	g. Zip Code			
978-656-8684 x201 h. Phone Number i. Fax Nui	mtoohill@coneco. i. Email address	COM			
n. Fhohe Number 1. Fax Nu	inoei j. Emaii address				
Total WPA Fee Paid (from NOI)	Wetland Fee Transmittal Form):				
Total VII 711 00 1 ala (II olii 1101	,				
1,000.00	487.50	512.50 - WAIVED BY CITY			

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# A. General Information (continued)

6.	General Project Description:	
	The Mass. Department of Conservation and Recreation is p installing a new pool shell, constructing a new concrete decl repaving and upgrading the adjacent Bajko Rink parking lot and a new stormwater facility at Stony Brook Reservation, 7	k and replacing water supply control system in addition to to include ADA compliant walks, sidewalks and parking
7a.	a. Project Type Checklist: (Limited Project Types see So	ection A. 7b.)
	1. Single Family Home 2	2. Residential Subdivision
	3. Commercial/Industrial	. Dock/Pier
	5. Utilities 6	6. Coastal engineering Structure
	7. Agriculture (e.g., cranberries, forestry) 8	3. Transportation
	9. 🛛 Other	
		project applies to this project. (See 310 CMR te list and description of limited project types)  Ecological Restoration Limited Project (310
	Project Checklist and Signed Certification.	
8.	Property recorded at the Registry of Deeds for:	
	Suffolk (formerly Norfolk)	Out Contain the Co
	•	o. Certificate # (if registered land)
		l. Page Number
R	B. Buffer Zone & Resource Area Impac	-
D.	. Bullet Zone & Nesource Area Impac	ts (temporary & permanent)
1.		
2.	Vegetated Wetland, Inland Bank, or Coastal Resource Areas (see 310 CMR 10.54-10.5 Coastal Resource Areas).	
	Check all that apply below. Attach narrative and any s project will meet all performance standards for each o standards requiring consideration of alternative project	f the resource areas altered, including

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# B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

	Resource Area		Size of Proposed Alteration	Proposed Replacement (if any)
	a. [	Bank	1. linear feet	2. linear feet
	b	Bordering Vegetated Wetland	1. square feet	2. square feet
	c	] Land Under Waterbodies and	1. square feet	2. square feet
		Waterways	3. cubic yards dredged	
	Res	ource Area	Size of Proposed Alteration	Proposed Replacement (if any)
	d. [	Bordering Land Subject to Flooding	1. square feet	2. square feet
		_	3. cubic feet of flood storage lost	4. cubic feet replaced
	e	] Isolated Land Subject to Flooding	1. square feet	
			2. cubic feet of flood storage lost	3. cubic feet replaced
	f. [	Riverfront Area	1. Name of Waterway (if available) - spec	cify coastal or inland
		2. Width of Riverfront Area (	check one):	
		25 ft Designated De	ensely Developed Areas only	
		☐ 100 ft New agricultu	ural projects only	
		200 ft All other proje	ects	
		3. Total area of Riverfront Are	a on the site of the proposed projec	ct: square feet
		4. Proposed alteration of the F	Riverfront Area:	, in the second
	-	a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.
		5. Has an alternatives analysis	s been done and is it attached to th	is NOI? Yes No
		6. Was the lot where the activi	ity is proposed created prior to Aug	ust 1, 1996? ☐ Yes ☐ No
3.	8. Coastal Resource Areas: (See 310 CMR 10.25-10.35)			

please attach a narrative explaining how the resource area was delineated.

For all projects affecting other Resource Areas,

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**Note:** for coastal riverfront areas, please complete **Section B.2.f.** above.



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## B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your
document
transaction
number
(provided on your
receipt page)
with all
supplementary
information you
submit to the
Department.

4.

5.

Resource Area		Size of Proposed Alteration	Proposed Replacement (if any)	
а. 🗌	Designated Port Areas	Indicate size under Land Under the Ocean, below		
b. 🗌	Land Under the Ocean	1. square feet		
		2. cubic yards dredged		
c. 🗌	Barrier Beach	Indicate size under Coastal Bea	ches and/or Coastal Dunes below	
d. 🗌	Coastal Beaches	1. square feet	2. cubic yards beach nourishment	
е. 🗌	Coastal Dunes	1. square feet	2. cubic yards dune nourishment	
		Size of Proposed Alteration	Proposed Replacement (if any)	
f. 🗌	Coastal Banks	1. linear feet		
g. 🗌	Rocky Intertidal Shores	1. square feet		
h. 🗌	Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation	
i. 🗌	Land Under Salt Ponds	1. square feet		
		2. cubic yards dredged		
j. 🗌	Land Containing Shellfish	1. square feet		
k. 🗌	Fish Runs	Indicate size under Coastal Ban Ocean, and/or inland Land Under above	ks, inland Bank, Land Under the er Waterbodies and Waterways,	
		1. cubic yards dredged		
I. 🗌	Land Subject to Coastal Storm Flowage	1. square feet		
	estoration/Enhancement			
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.				
a. squar	re feet of BVW	b. square feet of S	Salt Marsh	
☐ Project Involves Stream Crossings				
a. numb	a. number of new stream crossings b. number of replacement stream crossings			



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This is a proposal for an Ecological Restoration Limited Project. Skip Section C and
complete Appendix A: Ecological Restoration Limited Project Checklists - Required Actions
(310 CMR 10.11).

	(310 CMR 10.11).					
Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review						
1.	Is any portion of the proposed project located in <b>Estimated Habitat of Rare Wildlife</b> as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the <i>Massachusetts Natural Heritage Atlas</i> or go to <a href="http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm">http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm</a> .					
	a.  Yes No If yes, include proof of mailing or hand delivery of NOI to:					
	Natural Heritage and Endangered Species Program Division of Fisheries and Wildlife 1 Rabbit Hill Road Westborough, MA 01581					
	If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).					
	c. Submit Supplemental Information for Endangered Species Review*					
	1.   Percentage/acreage of property to be altered:					
	(a) within wetland Resource Area percentage/acreage					
	(b) outside Resource Area percentage/acreage					
	2. Assessor's Map or right-of-way plan of site					
2.	Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **					
	(a) Project description (including description of impacts outside of wetland resource area & buffer zone)					
	(b) Photographs representative of the site					

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<sup>\*</sup> Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

<sup>\*\*</sup> MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



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## C. Other Applicable Standards and Requirements (cont'd)

	(c) MESA filing fee (fee information available at <a href="http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm">http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm</a> ). Make check payable to "Commonwealth of Massachusetts - NHESP" and <i>mail to NHESP</i> at above address				
	Projects altering 10 or more acres of land, also submit:				
	(d) Vegetation cover type map of site				
	(e) Project plans showing Priority & Estimated Habitat boundaries				
	(f) OR Check One of the Following				
	1. Project is exempt from MESA review.  Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.1 <a href="http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions.ht">http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions.ht</a> the NOI must still be sent to NHESP if the project is within estimated habitat pursuant 310 CMR 10.37 and 10.59.)				
2. Separate MESA review ongoing.  a. NHESP Tracking #  b. Date submitted					
	3. Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation & Managemer Permit with approved plan.				
3.	. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?				
	a. Not a	applicable – project is in inland resource	area only b. 🗌 Yes	⊠ No	
	If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:				
	South Shore - Cohasset to Rhode Island border, and the Cape & Islands:				
Division of Marine Fisheries - Southeast Marine Fisheries Station Attn: Environmental Reviewer 836 South Rodney French Blvd. New Bedford, MA 02744 Email: <a href="mailto:DMF.EnvReview-South@state.ma.us">Division of Marine Fisheries - North Shore Office Attn: Environmental Reviewer 30 Emerson Avenue Gloucester, MA 01930 Email: <a href="mailto:DMF.EnvReview-North@state.ma.us">DMF.EnvReview-North@state.ma.us</a></a>			wer		

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

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#### **Massachusetts Department of Environmental Protection** Bureau of Resource Protection - Wetlands

# WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:				
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City/Town				

## C. Other Applicable Standards and Requirements (cont'd)

	4.	Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
Online Users: Include your document		a.   Yes No  If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations).   Note: electronic filers click on Website.
transaction number		b. ACEC
(provided on your receipt page) with all	5.	Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
supplementary information you		a. 🗌 Yes 🗵 No
submit to the Department.	6.	Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
		a. ☐ Yes ⊠ No
	7.	Is this project subject to provisions of the MassDEP Stormwater Management Standards?
		<ul> <li>a. </li> <li>Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:</li> <li>1. </li> <li>Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)</li> </ul>
		2. A portion of the site constitutes redevelopment
		3. Proprietary BMPs are included in the Stormwater Management System.
		b. No. Check why the project is exempt:
		1. Single-family house
		2. Emergency road repair
		3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.
	D.	Additional Information
		This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).
		Applicants must include the following with this Notice of Intent (NOI). See instructions for details.
		<b>Online Users:</b> Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.
		1. Substituting Sufficient information for the Conservation Commission and the Department to locate the site (Electronic filers may omit this item.)

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to the boundaries of each affected resource area.

Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative

2.



# WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:	
MassDEP File Number	
<b>Document Transaction Number</b>	
Boston	
City/Town	

#### D. Additional Information (cont'd)

з. 🖂 Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology. 4. List the titles and dates for all plans and other materials submitted with this NOI. Olsen Swimming Pool Renovations a. Plan Title Coneco Engineers and Scientists. Inc. Kevin McHugh b. Prepared By c. Signed and Stamped by varies (as shown) 10/28/2020 d. Final Revision Date e. Scale Alexander Bajko Rink, Prepared by Samiotes Consultants, Inc. 10/28/2020 f. Additional Plan or Document Title g. Date If there is more than one property owner, please attach a list of these property owners not 5. listed on this form. 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed. 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed. 8. 🖂 Attach NOI Wetland Fee Transmittal Form 9. 🖂 Attach Stormwater Report, if needed. E. Fees Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority. Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment: **BOSTON WAIVED FEE** 2. Municipal Check Number 3. Check date 4. State Check Number 5. Check date Coneco Engineers & Scientists, Inc. 6. Payor name on check: First Name 7. Payor name on check: Last Name

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# WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Boston

City/Town

## F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

Raul Silva	12/1/20		
1. Signature of Applicant	2. Date		
3. Signature of Property Owner (*Commercent)	12/2/2020 4. Date		
5. Signature of Property Owner Admiration	11/2/20		
5. Signature of Representative (if any)	6. Date		

#### For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

#### For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

#### Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

## **NOI Wetland Fee Transmittal Form**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return





A.	Applicant Inf	ormation					
1.	Location of Project	:					
	75 & 95 Turtle Pon	d Parkwav	Boston				
	a. Street Address	,	b. City/Town				
	2945		487.50	487.50			
	c. Check number		d. Fee amount				
2.	Applicant Mailing A	ddress:					
	a. First Name		b. Last Name				
	Mass. DCR: attn: D	Dean Souza, Regional Eng	ineer				
	c. Organization	2 2 2 2 2 2 2					
	Blue Hills Rerv. HQ	); 695 Hillside					
	d. Mailing Address						
	Milton		MA	02186			
	e. City/Town		f. State	g. Zip Code			
	617-322-8770		dean.souza@mass.gov				
	x88778	i. Fax Number	j. Email Address				
3.	Property Owner (if	different):					
	a. First Name		b. Last Name				
	Mass. DCR; attn. F	Priscilla Geigis					
	c. Organization						
	251 Causeway Stre	eet, Suite 900					
	d. Mailing Address						
	Boston		MA	02114			
	e. City/Town		f. State	g. Zip Code			
	617-626-4986		priscilla.geigis@state.ma.us	5			
	h. Phone Number	i. Fax Number	i. Email Address	·			

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

#### B. Fees

Fee should be calculated using the following process & worksheet. *Please see Instructions before filling out worksheet.* 

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

**Step 4/Subtotal Activity Fee:** Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

**Step 6/Fee Payments:** To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



#### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

## **NOI Wetland Fee Transmittal Form**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Fees (continued)			
Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 2j. (Any other activity not			
in Category 1, 3, 4, 5 or 6) Pool	_ 1	500.00	500.00
Category 2b. (Parking Lot)	1	500.00	500.00
	_		
	_		
	Step 5/T	otal Project Fee:	1,000.00
	Step 6	/Fee Payments:	
	Total	Project Fee:	1,000.00 a. Total Fee from Step 5
	State share	State share of filing Fee:	
	City/Town shar	-	b. 1/2 Total Fee <b>less \$</b> 12.50 WAIVED FEE 512.50 c. 1/2 Total Fee <b>plus \$</b> 12.5

# C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

> Department of Environmental Protection Box 4062 Boston, MA 02211

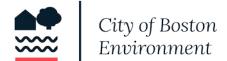
b.) To the Conservation Commission: Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and a copy of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

# **BOSTON NOI FORM**

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts



#### NOTICE OF INTENT APPLICATION FORM

Boston Wetlands Ordinance City of Boston Code, Ordinances, Chapter 7-1.4 Boston File Number

MassDEP File Number

#### A. GENERAL INFORMATION

1. Project Loc	ation					
75 & 95 Turtle Po	ond Parkway	Hyde Par	k, Boston	02136		
a. Street Address		b. City/Town	b. City/Town			
Parcel ID: 18121	72000	Parcel ID	Parcel ID: 1812172000			
f. Assessors Map/I	Plat Number	g. Parcel /Lot	Number			
2. Applicant  Massachusetts De	epartment of Conserva	ation and Recreation; attn. [	Dean Souza. Rec	iional Engineer		
a. First Name	b. Last Name	c. Compan		, —g		
Blue Hills Reserva	tion Headquarters, 69	_				
d. Mailing Address	·					
Milton		MA	00.	100		
e. City/Town		f. State		186 Zip Code		
617-322-8770, x88	770		_	пр соце		
h. Phone Number	i. Fax Number	dean.souza@ı j. Email address	mass.gov			
a. First Name  251 Causeway Str d. Mailing Address	b. Last Name eet; Suite 900	c. Company				
_						
Boston		MA f. State	02114			
e. City/Town			g. Zip (	Lode		
617-626-4986 h. Phone Number	i. Fax Number	priscilla.geigis@state.ma.us j. Email address				
	nore than one owner one property owner, pleas	se attach a list of these property	owners to this form.	)		
4. Representa	tive (if any)					
Michael	Toohill	Coneco Engineers an	d Scientists, Inc.			
a. First Name	b. Last Name	c. Company				
238 Littleton Road	d, Suite 105					
d. Mailing Address						
Westford		MA	0188	6		
e. City/Town		f. State	g. Zip (	Code		
978-656-8684 x201		mtoohill@coneco.c	om			
h. Phone Number	i. Fax Number	j. Email address				

# City of Boston Environment

#### NOTICE OF INTENT APPLICATION FORM

Boston File Number

Boston Wetlands Ordinance

City of Boston Code, Ordinances, Chapter 7-1.4

MassDEP File Number

5.	5. Is any portion of the proposed project jurisdictional under the Massachusetts Wetlands Protection Act M.G.L. c. 131 §40?						s
If	Xi Yes						
6.	General	Information					
cor site Bro foo	crete dec drive, ne ok Reser t buffer zo terfront A	nvolves renovations to Olsen Pool in the kind replacing the water supply system and updates to existing pedestrial vation, 75 & 95 Turtle Pond Parkway one to local and state regulated Vegarea associated with an unnamed into Type Checklist	sten n fac y, Bo etate	n, im cilitio osto ed V	nprovements to thes, and stormwate n (Hyde Park). W Vetlands and the I	e existing Bajl er facility upgra /ork will occur	ko parking lot and ades at the Stony within the 100-
,.	•	Single Family Home	b.		Residential Subdi	vision	
		Limited Project Driveway Crossing	d.		Commercial/Indu	ustrial	
	e. 🗖 1	Dock/Pier	f.		Utilities		
	g. 🗆 (	Coastal Engineering Structure	h.		Agriculture – crai	nberries, fores	try
	i. 🗆 ′	Transportation	j.	X	Other		
8.	Propert	ry recorded at the Registry of Deeds					
Suffo	olk (formerl	ly Norfolk)	83	3			
a.	County		b. F	age l	Number		
	olk Book 7 Book	16	d. C	Certif	icate # (if registered la	nd)	
3.	BUFFER	ZONE & RESOURCE AREA IMPACTS			, ,	,	
Βu	ıffer Zone	Only - Is the project located only in t Wetlands Ordinance?		uffe	r Zone of a resourd	ce area protect	ced by
1.	Coastal	Resource Areas					
]	Resource	<u>Area</u>			Resource <u>Area Size</u>	Proposed Alteration*	Proposed Migitation
	Coasta	l Flood Resilience Zone			 Square feet	Square feet	

В.

# City of Boston Environment

#### NOTICE OF INTENT APPLICATION FORM

Boston File Number

MassDEP File Number

Boston Wetlands Ordinance City of Boston Code, Ordinances, Chapter 7-1.4

	25-foot Waterfront Area	Square feet	Square feet	Square feet	
2.	Inland Resource Areas				
Re	esource Area	Resource <u>Area Size</u>	Proposed Alteration*	Proposed <u>Migitation</u>	
	Inland Flood Resilience Zone				
	Isolated Wetlands	Square feet	Square feet	Square feet	
0	Vernal Pool	Square feet	Square feet	Square feet	
	Vermal Deal Habitat (normal mod + 100 ft unland area)	Square feet	Square feet	Square feet	
	Vernal Pool Habitat (vernal pool + 100 ft. upland area)	Square feet	Square feet	Square feet	
Xi	25-foot Waterfront Area	6,926 sf	1,900 <u>sf Temp/ 361sf</u> l	Perm 0	
X	25-foot Riverfront Area	Square feet 5,463 sf	Square feet 365 sf Temp/ 23 s	Square feet	
	OTHER APPLICABLE STANDARDS & REQUIREMEN	· ·	303 st Temp/ 23 s	11 €1111. 0 81	
	indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the Massachusetts Natural Heritage Atlas or go to <a href="http://www.mass.gov/dfwele/dfw/nhesp/nhregmap.htm">http://www.mass.gov/dfwele/dfw/nhesp/nhregmap.htm</a> .  Yes X No				
	If yes, the project is subject to Massachusetts Endangere 10.18).	ed Species Ac	t (MESA) review (3	321 CMR	
	A. Submit Supplemental Information for Endangered	Species Revi	ew		
	☐ Percentage/acreage of property to be alt	ered:			
	(1) within wetland Resource Area		percentage/act	reage	
	(2) outside Resource Area		percentage/act	reage	
	Assessor's Map or right-of-way plan of si	te			
2.	Is the proposed project subject to provisions of the Mass	sachusetts St	ormwater Manag	ement	
3.	Is any portion of the proposed project within an Area of	Critical Envir	onmental Concer	rn?	
	□ Yes 🕱	No			

C.

# City of Boston Environment

## NOTICE OF INTENT APPLICATION FORM

Boston Wetlands Ordinance City of Boston Code, Ordinances, Chapter 7-1.4 Boston File Number

MassDEP File Number

4.		e propo lards?	sed project subject to provisions of the Massachuse	tts Stormwater Management
	Χı	Yes. A	ttach a copy of the Stormwater Checklist & Stormwa.	ter Report as required.
			Applying for a Low Impact Development (LID) site d	esign credits
		X	A portion of the site constitutes redevelopment	
			Proprietary BMPs are included in the Stormwater M	Management System
		No. C	heck below & include a narrative as to why the projec	et is exempt
			Single-family house	
			Emergency road repair	
			Small Residential Subdivision (less than or equal to than or equal to 4 units in a multifamily housing pr Critical Areas	
5.	Is the	propo	sed project subject to Boston Water and Sewer Con	nmission Review?
	X Y	es	□ No	
	SIGN	ATURI	ES AND SUBMITTAL REQUIREMENTS	
aco kno No	compar owledg tice in	nying p ge. I und	under the penalties of perjury that the foregoing No lans, documents, and supporting data are true and derstand that the Conservation Commission will pla newspaper at the expense of the applicant in accor- nance.	complete to the best of my ce notification of this
			aul Silva	12/1/20
Sign	nature o	Applica	the —	Date
	0			12/2/2020
Sign	nature o	Propert	y Owner (if different)	Date 11/2/20
Sign	nature of	f Represe	entative (if any)	Date

D.

# **ATTACHMENT A**

#### **NARRATIVE**

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts

#### INTRODUCTION

This Notice of Intent (NOI) is being submitted to the Boston Conservation Commission by Coneco Engineers & Scientists (Coneco) on behalf of the Massachusetts Department of Conservation and Recreation, Division of Urban Parks (DCR) for the proposed improvements to the Alexander S. Bajko Skating Rink Parking Lot and the Martin L. Olsen Swimming Pool at 75 and 95 Turtle Pond Parkway, Hyde Park (Boston) (Attachment B: Figure 1 & 2). This NOI is being submitted under the Massachusetts Wetlands Protection Act (MGL 131 Section 40); and its implementing Regulations (310 CMR 10.00 et seq.) and under the Boston Wetlands Ordinance, Chapter 7-1.4.

Work is proposed within the local regulated 25-foot Riverfront Area / Waterfront Area associated with an unnamed intermittent stream, within 100-feet of state Bordering Vegetated Wetland (BVW) / local bordering Freshwater Wetland (FW) associated the unnamed intermittent stream and within 100-feet of local regulated Isolated Vegetated Wetland (IVW) / Freshwater Wetland (FW). The locations of wetland resource areas and buffer zones in relationship to project improvements are shown on the attached plans (Attachment F).

## PURPOSE AND NEED

The Martin L. Olsen Swimming Pool Facility requires updates and repair. The existing pool concrete deck, pool shell (liner) and piping is deteriorated and dated. Pedestrian connections between the Alexander S. Bajko Skating Rink, the parking lot and the Olsen Pool are either lacking or not fully compliant with the American Disability Act's (ADA) design standards. The existing parking area adjacent to the pool lacks sufficient ADA compliant walkways and ramps.

Parking lot pavement and stormwater system deficiencies were identified during the design and permitting of the recent Alexander S. Bajko Skating Rink building improvements. As a condition to the building improvement approval, the Boston Water and Sewer Commission (BWSC) is requiring the existing parking lot's stormwater management system be updated to include a stormwater infiltration system. Currently, stormwater from the existing parking lot either runs overland toward the northern corner of the parking area or is collected in substandard catch basins connected to the Turtle Pond Parkway drainage system. The parking lot pavement is in poor condition. Cracks and potholes are forming in various locations within the parking area.

## **EXISTING SITE CONDITIONS**

The Alexander S. Bajko Skating Rink and the Martin L. Olsen Swimming Pool Facility is extremely well used throughout all seasons. The existing swimming pool, spray deck, playground and picnic areas are heavily used throughout the summer. The recently upgraded Bajko Skating Rink is consistently used throughout the cool weather months.

The site is accessed by an approximately 20-foot wide drive with a lane in each direction. The existing drive is patched as a result of recent utility upgrades. A 20-foot wide maintained island with mature trees is located along the south/southeast edge of the parking area and separates the drive from the parking lot. A picnic area with tables and grills is located immediately

east/southeast of the parking area with pedestrian paths and footbridges crossing an unnamed intermittent Wooden rails separate the parking area from the picnic area and playground. A second picnic area with tables is located northwest of the parking lot.

Pedestrian walkways and sidewalks are located north of the parking lot and south of the access drive. Existing bituminous walkways have signs of wear with both longitudinal cracks and the start of block cracking along pavement edges. Designated pedestrian walks are absent to the west/southwest of the parking area.

Currently, stormwater from the existing parking lot runs overland toward the northern corner of the parking area or is collected in two, barrel block catch basins located along the access drive before stormwater discharges to the Turtle Pond Parkway drainage system. Part of the roof runoff from the skating rink discharges to infiltration basins. Curbing to control drainage is limited along the parking lot and access drive and completely lacking adjacent to the picnic area and unnamed intermittent stream located northeast of the parking lot.

Wetland resource areas associated with Olsen Pool were evaluated and flagged in the field on January 15, 2020 by Coneco.

On July 20 and July 21, 2020, Coneco extended the wetland delineation in order to accommodate the permitting of the Bajko Parking Lot Improvements. At that time:

- the wetland series A flags were extended to the southeast, to WA-18,
- an intermittent stream and associated Bordering Vegetated Wetland (BVW) / Freshwater Wetland (FW) were delineated to the east/southeast of the parking lot, and
- a local jurisdictional Isolated Vegetated Wetland / Freshwater Wetland (IVW / FW) and a non-jurisdictional IVW / FW were delineated west of the parking lot.

Limits of vegetated wetland resources were determined in the field using the MA Department of Environmental Protection's "Delineating Bordering Vegetated Wetlands under the Massachusetts Wetlands Protection Act" March 1995 handbook. In general, vegetation, soils and hydrology were analyzed on site to determine the line where upland areas transitioned to wetland areas for both BVW, FW and IVW/FW. The limits of intermittent stream bank were determined in the field using topography, vegetation, changes in soil, and evidence of scour.

A Palustrine Forested (PFO) wetland dominated by red maple (*Acer rubrum*) and spicebush (*Lindera benzoin*) with sandy hydric soils is located to the north and east of the property. The wetland is a part of the Stony Brook State Reservation wetland system and borders on an unnamed intermittent stream. The unnamed stream does not appear on the most recent USGS Quadrangle. The wetland is regulated as a Bordering Vegetated Wetland (BVW) under the MA Wetlands Protection Act and as a bordering Freshwater Wetland (FW) under the Boston Wetland Ordinance. The limits of BVW/FW were flagged as WA-1 to WA-17 in the field by Coneco on January 15, 2020 and are shown on the attached plans (Attachment F).

An unnamed intermittent stream with a narrow strip of vegetated wetland is located to the east/southeast of the parking lot. The upper limits of the wetland/bank were flagged in the field as WF A-1 to A-8, WF B-1 to B-6 and WF C-1 to C5. The limits of the wetland are shown on the

plans (Attachment F). Flags WF A-1 to WF C-1 represent the upper limits of inland bank and a narrows strip of state regulated BVW / locally regulated FW. The stream flows from the Wetland WA series, south/southeast, within the property and discharges to another wetland located to the east and outside the project limits, eventually connecting to Stony Brook. At the time of the delineation the stream was dry with evidence of scour and sediment deposition.

The streambank and adjacent wetland is sparsely vegetated with white wood aster (Eurybia divaricata), purple loosestrife, green bulrush (Scirpus atrovirens), soft rush (Juncus effusus), reed canary grass (Phalaris arundinacea), fox tail sedge (Carex vulpinoidea), path rush (Juncus tenuis), umbrella sedge (Cyperus strigosus), burning bush (Euonymus alatus), black cherry (Prunus serotina), American elm (Ulmus americana), fox grape (Vitis labrusca), Virginia creeper (Parthenocissus quinquefolia) and poison ivy (Toxicodendron radicans). Dominant upland vegetation between the parking lot and the intermittent stream includes white oak (Quercus alba) and red oak (Quercus rubra) with sparse areas of groundcover.

Approximately 19,846 square feet of 25 foot locally regulated "Riverfront Area" / Waterfront Area exists on both sides of the intermittent stream, when measured from WF A-1 to WF C-1. The Riverfront Area / Waterfront Area and vegetated upland between the intermittent stream and the parking lot is maintained. Pedestrian bridges cross the intermittent stream at three locations. Picnic tables with grills are located within the upland adjacent to the stream. Bark mulch is used within the Riverfront Area / Waterfront Area and 100-foot buffer zone to reduce erosion caused by visitors.

An isolated freshwater vegetated wetland greater than 1,000 square feet is located to the west of the playground and parking lot. The wetland was flagged in the field on July 20 and 21, 2020 as WF D-1 to WF D-11 (Attachment F) and is regulated as Isolated Vegetated Wetland (IVW) / Freshwater Wetland (FW) under the Boston Wetland Ordinance. The IVW/FW Wetland vegetation consists of American elm (Ulmus americana), red maple (Acer rubrum), tupelo (Nyssa sylvatica), river birch (Betula nigra), glossy buckthorn (Frangula alnus), arrowwood (Viburnum dentatum), sweet pepperbush (Cletra alnifolia), roughleaf goldenrod (Solidago rugosa), curly dock (Rumex crispus), purple loosetrife (Lythrum salicaria), common greenbriar (Smilax rotundifolia) and poison ivy (Toxicodendron radicans). Gleyed clay soil is located within 8 to 10 inches from the soil surface. The wetland has no hydraulic connection and receives drainage and overland flow from the adjacent parking lot, Turtle Pond Parkway and upland vegetated areas.

Just to the south of IVW / FW D, a non-jurisdictional isolated wetland measuring less than 1,000 square feet is located to the west of the playground. The isolated wetland was flagged in the field on July 20 and 21, 2020 and is shown on the plans as WF E-1 to WF E-11 (Attachment F). This non-jurisdictional isolated wetland is not hydraulically connected to Wetland D.

According to the Natural Heritage and Endangered Species Program's (NHESP) Massachusetts Natural Heritage Atlas (14<sup>th</sup> Edition, August 2017 and 2020 online viewer) the Project Site is not located within a Priority Habitat of Rare Species or an Estimated Habitat of Rare Wildlife. No Certified Vernal Pools under the jurisdiction of the Wetlands Protection Act Regulations or the Massachusetts Endangered Species Act (321 CMR 10.00 et seq.) are located near the Project (Attachment B: Figure 3).

The Project is not within an Area of Critical Environmental Concern, an Outstanding Resource Water or a Wellhead Protection Area (Attachment B: Figure 4).

Based on the most recent Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM Panels 25025C0069G and 25025C0157J; effective date 9/29/09 and 3/16/16, respectively) this project is not located within 100-year FEMA Flood Zone (Attachment B: Figure 5). A part of the site to the northeast is located within non-MA WPA regulated x500 year floodplain.

Photographs showing existing project conditions are provided in Attachment D.

### PROPOSED PROJECT

The Project consists of the complete renovation of the pool, pool deck, and piping for the pool. The improvements to the swimming pool are generally limited to the already disturbed footprint of the pool (i.e., the pool shell, surrounding concrete deck and the addition of new amenities within the existing pool area). The project involves replacing the concrete deck surface, pool shell (liner), and all of the water supply lines. The control piping for the pool will be replaced in a tunnel under the pool.

The project also involves repaving, minor widening and upgrading the existing parking lot and site drive, constructing new ADA compliant walking paths, walks and sidewalks, updating existing bituminous walkways with ADA ramps, extending existing paths, restriping the parking lot to provide ADA compliant parking spaces, and upgrading the parking lot's existing stormwater system.

When complete, the project will provide a modernized swimming pool facility and a resurfaced parking lot with a stormwater infiltration system and new and updated pedestrian facilities meeting ADA compliance.

Other elements include the construction of a 4" trench drain to the south east of the pool in order to drain three (3) new rinse stations with dual spray heads. A small section of the drain, a new 4" CI drain discharge pipe and a new HDPE flared end section will require excavation outside the current limits of the concrete pad. The proposed HDPE flared end section will be approximately 20 feet from BVW / FW. A 1-inch shutoff with gate box and new ½ inch to 1-inch copper water supply line will be installed at a depth of a minimum 4.5' feet within the 100-foot buffer zone and partly outside the limits of the concrete pool deck. An existing chain link fence located within the 100-foot buffer zone may also need to be removed and reinstalled in order to access the construction areas.

The existing parking lot will be either milled and over-layed or bituminous pavement will be pulverized and the asphalt reused to repave the parking lot. The parking lot will be striped to provide 164 spaces including six (6) handicap ADA compliant spaces and designated pedestrian walkways. The parking lot and site drive will be restriped to provide one-way traffic movement. The curbing to the south / southeast of the parking lot will be removed and the parking lot will be

expanded 5 feet south into an existing landscaped island. Existing trees in the island will be protected and barrel block catch basins will be demolished. New vertical granite curb will be installed and existing vertical granite curb will be reset. New ADA compliant 6-foot wide asphalt cement walking paths with ADA compliant ramps will be constructed west and north of the parking lot and will connect to the existing path to the north. An existing asphalt path located northeast of the parking lot will be extended to match a proposed concrete sidewalk. Existing stairs adjacent to the proposed concrete sidewalk will be removed. New ADA ramps will connect the new parking area to the walking paths to the north.

The site drive will be widened slightly at the western end of the parking lot to approximately 21 feet with a new 5-foot wide concrete sidewalk. A 5-space parking lot for authorized personnel with a 5-foot wide concrete walk will be constructed to the south of the drive. A section of 6" PVC clay sewer line within the site drive will be replaced with 193 linear feet of 6" PVC pipe.

New light posts, signs, and pavement markings will also be installed.

Stormwater improvements will include the installation of deep-sump hooded catch basins and drain manholes with 12" PVC or clay pipes discharging to a Stormtech MC 4500 6-chamber Infiltration System installed under the parking lot. The infiltration system will overflow during high storm events via a 12' PVC pipe to a drywell surrounded by rip rap. The proposed stormwater infiltration system has been designed to accommodate stormwater runoff from the parking lot during a 1-inch storm event.

The project involves a minor increase in impervious surface due to the addition of the five-space employee parking area located south of the site access. The stormwater system has been designed to accommodate the first 1 inch of runoff from the parking lot. New deep sump hooded catch basins will pretreat stormwater prior to outletting to the new infiltration system. The proposed stormwater infiltration systems will result in an approximate 60% decrease in peak flow during a 25-year storm event. A Long-Term Pollution Prevention Plan has been developed for the site and includes best management practices to be employed on site after project completion. Post Construction BMPs discussed include items such as:

- Liquid waste will be stored inside or under cover.
- No vehicle washing will be allowed on site.
- Fertilizers shall not be used within 100 feet of the wetland resource areas or 200 feet of a riverfront area. Excess fertilizers shall be swept up from all impervious surfaces and not allowed to run into the drainage system.
- All fertilizer, herbicides, and pesticides shall be stored at least 100 feet away from the
  wetland line. If stored on site, these materials should be kept in a wrapped or sealed
  container and kept under cover out of the rain and snow.
- Pet wastes will removed and properly disposed immediately when they are detected.
- Waste receptacles located within the project site and at surrounding locations will be regularly emptied by DCR maintenance personnel.
- Plowed snow will not be stored within 100-feet of a resource area.
- No road salt shall be used on site.

The DEP Stormwater Management Report is included as Attachment E.

All surfaces disturbed during construction will be restored to previous conditions upon completion of work.

#### Construction Sequence

Construction will likely occur during the spring of 2021 to avoid peak usage times. Construction is predicted to take several months. The parking lot and adjacent upland areas will be used for staging. All stockpiling and equipment parking will occur outside of the 100-foot buffer zone. However, in the event that equipment must be parked within the buffer zone, secondary containment will be deployed.

Safe passage for park users will be provided during construction. The limit of work is generally coincident with the swimming pool and parking lot; the bathhouse area and skating rink will not be affected. All necessary BMPs will be installed before the start of construction and will remain until the site is stabilized.

#### **Erosion Control**

To limit potential impacts to the resource areas, erosion and sedimentation control Best Management Practices (BMPs) such as straw wattles (or an approved equivalent) will be installed between the edge of work and wetland resource areas. In addition, silt sacks will be installed for inlet protection on all catch basins within the vicinity of the proposed work area, as necessary. The erosion control barrier may be a minimum 12" diameter staked filter rolls (compost or barkfilled wattles such as those by Silt Sock® or Filtrexx®) placed between all construction areas and resource areas as shown on the Drawings. Any netting associated with filter rolls shall be biodegradable (NO PLASTIC NETTING).

## ALTERNATIVES CONSIDERED

Several alternatives were evaluated for the proposed Olsen Pool Restoration and Bajko Ice Skating Rink Parking Lot Reconstruction Project. The alternatives were evaluated based upon engineering constraints, potential environmental impacts, and available property. Budgetary constraints were considered but were not a controlling factor. A No Action Alternative was considered and eliminated because it does not meet the project need.

#### Alternative 1 – The No Action Alternative

Under the No Action Alternative, the pool and parking lot would remain in their present condition. The Olsen Pool currently experiences approximately 6-inches of water loss per day due to failing joints and an aged pool shell, and without a major renovation, the water loss is expected to continue. For the parking area, the deteriorated surfacing would remain, and it is expected that the conditions would continue to worsen. Handicap accessibility from the parking lot would continue to be limited and stormwater would continue to not meet current stormwater standards.

This alternative was dismissed from further consideration as it is the Massachusetts Department of Conservation and Recreation's responsibility to manage public recreational facilities for the public benefit and the facilities must be maintained to ensure the safety of all members of the public. In addition, as part of an approval from the Boston Water and Sewer Commission for

recent improvements to the Rink building, DCR was required to construct stormwater infiltration systems that would accommodate 1-inch of stormwater runoff from the parking areas. This No Action Alternative does not meet that commitment.

#### Alternative 2—Continue Ongoing Facility Repair and Maintenance

In this alternative DCR would continue to seal failing joints, patch failing sections of the pool shell and repair failing and non-ADA compliant pool decking. The parking lot pavement would be patched and repaired in spots and ADA compliant ramps would be constructed to connect the parking lot to the pool building.

This alternative was eliminated from further consideration because of the advanced state of deterioration of the facilities. Pool shell joints would continue to deteriorate and fail resulting continual leakage and unnecessary increases in water usage. The regular annual costs for repairs and maintenance of the pool and parking area would be better spent on a full rehabilitation of the facilities. The existing drainage system would not be upgraded under this alternative and the project would not meet the BWSC's requirement to install a stormwater infiltration system.

#### Alternative 3 –Olsen Pool and Bajko Rink Parking Area Restoration

Alternative 3 (Preferred Alternative) includes complete reconstruction of the pool, pool deck, and utilities, the reconstruction and minor expansion of the parking lot, updating and constructing new walkways and sidewalks and upgrading the parking lot's stormwater system. This Alternative includes installation of a completely new pool shell, complete renovation of the pool deck, and installation of new onsite utilities for the pool. The upgrading of the existing walking paths and sidewalks to meet ADA standards, the construction of new ADA compliant sidewalks, walking paths and parking facilities will ensure that all members of the public, regardless of physical disabilities, can enjoy state recreational resource areas. The new stormwater system has been designed to meet current Massachusetts DEP stormwater standards.

Minor impacts to the 100-foot buffer to BVW / FW and local regulated IVW / FW would be associated with the installation of a stormwater outlet, the construction of the 4" pool deck trench drain, discharge pipe and flared end section, the construction of a 1-inch shutoff gate and new water supply line and the removal and reinstallation of chain link fence. Minor work within the locally regulated 25-Foot Riverfront Area / Waterfront Area would occur when installing erosion controls, reconstructing the walkway northeast of the parking lot and regrading and installing the stormwater outlet structure.

#### **Summary**

The Preferred Alternative is considered the most practicable solution while minimizing impacts to adjacent resource areas.

## PROJECT IMPACTS

The majority of the work in the wetland buffer zones will occur within previously developed or degraded portions of the pool and the parking lot.

## Impacts within the 100 Foot Buffer Zone associated with Wetland A and the Intermittent Stream

Minor impacts beyond the existing pavement and pool structures will occur within the 100-foot buffer zone of state BVW / local FW and the unnamed intermittent stream. These impacts include:

- installing the stormwater outlet pipe, drywell and riprap outlet overflow pad east of the parking lot,
- removing and reinstalling the pool perimeter fence for construction site access,
- constructing a 4" pool deck drain and discharge pipe east of the pool, and
- constructing walking paths.

Minor impacts to the 100-foot buffer zone to BVW / FW will occur when repaving the parking lot and installing the new stormwater infiltration system. East of the parking lot, the proposed 12" PVC discharge pipe, dry well overflow structure and riprap outlet pad will be installed beyond the existing pavement in the buffer zone. The outlet system has been designed to avoid direct permanent impacts to the 25-foot locally regulated Riverfront Area / Waterfront Area.

During installation, temporary impacts to the locally regulated 25-foot Riverfront Area / Waterfront Area will occur during construction. The area between the parking lot and the intermittent stream is relatively flat and fitted with picnic tables and grills. The understory is currently maintained, and bark mulch is installed along the intermittent stream in this area.

A small section of the 4" pool deck trench drain, a new 4" CI drain discharge pipe and a new HDPE flared end section will require excavation outside the current limits of the pool's concrete pad. The proposed HDPE flared end section will be approximately 20 feet from the edge of the BVW / FW. A 1-inch shutoff with gate box and new ½ inch to 1-inch copper water supply line installed at a depth of a minimum 4.5' feet will be constructed within the 100-foot buffer zone partly outside the limits of the concrete pool deck.

Existing chain link fence located within the 100-foot buffer zone may also need to be removed and reinstalled in the trench drain outlet area for construction access.

Access to the back of the pool will be from an existing drive off of Turtle Pond Parkway and access to the pool deck and spray deck will be from the parking lot as shown below. Erosion controls will be installed as necessary along the access road off of Turtle Pond Parkway.



**Exhibit 1: Pool Construction Site Access** 

When making improvements to the Olsen Pool, all equipment will be set up on the pool and concrete spray deck and work will be performed within the fence line with the exception of the trench drain outlet. A construction lay down area may be set up in the grass area between the pool deck and the concrete spray deck next to the concrete walk.

## Impacts to the Local 25-Foot Riverfront Area / Waterfront Area associated with an Intermittent Stream (WF A1 to WF C1)

Minor temporary impacts to the 25-foot locally regulated Riverfront Area / Waterfront Area associated with the unnamed intermittent stream will occur when installing erosion controls, reconstructing the walking path, and when install the drywell set in 1 ½" washed stone surrounded by rip rap. These impacts are minor in nature and will occur within previously disturbed portions of the Riverfront Area / Waterfront Area which are activity used by the public and maintained for recreation purposes. The area between the parking lot and the intermittent stream is relatively flat and fitted with picnic tables and grills. The understory is currently maintained, and bark mulch is installed along the intermittent stream in this area.

Approximately 23 square feet of new permanent impacts to the 25-foot Riverfront Area / Waterfront Area will occur when extending the existing asphalt path near WF A-1 and connecting it to the prosed concrete sidewalk/path located adjacent to the pool building. The impact area appears to be a gap in the pavement between the existing asphalt path and the existing parking

lot. This surrounding area is currently degraded and developed with a drainage swale, lawn, guardrail, and a gate.

#### Impacts within 100-foot Buffer associated with Local Isolated Vegetated Wetland D

Improvement to the spray deck and parking lot will occur within the 100-foot buffer zone to locally regulated Isolated Vegetated Wetland D. Work within the buffer zone includes the construction of a new 6-foot bituminous path between the parking lot, picnic facility and spray deck, removing and reinstalling the fence at the spray deck and accessing the area during construction. Work will occur just beyond the existing pavement and spray deck.

Site access will be from Turtle Pond Parkway to the back of the pool and will pass within 100 feet from Wetland D. Erosion controls will be installed along the site access to protect the wetland during construction.

## IMPACT AVOIDANCE AND MITIGATION MEASURES

Impacts to wetland resource areas will be avoided and minimized during construction through the application of Construction Best Management Practices and adhering to Federal, State and local regulations (including any potential NPDES requirements).

- Prior to the start of construction, erosion controls such as straw wattles will be installed along the edge of the work zone and just upslope of all Resource Areas to limit construction-related short-term erosion and sedimentation impacts.
- Silt sacs will be installed in catch basins prior to the start of construction.
- Clean (invasive-free) bark mulch will be reinstalled at disturbed picnic areas.
- Disturbed Wetland Buffer Zones and Riverfront Area / Waterfront Area will be seeded with an erosion control / restoration mix for dry sites (Table 1) upon completion of construction. This seed mix will also be used to restore/repair disturbed or barren areas at the discharge from the new flared end section.

#### **Table 1: Erosion Control / Restoration Mix for Dry Sites**

Red Fescue (Festuca rubra)
Canada Wild Rye (Elymus canadensis)
Annual Ryegrass (Lolium multiflorum)
Perennial Ryegrass (Lolium perenne)
Little Bluestem (Schizachyrium scoparium)
Indian Grass (Sorghastrum nutans)
Switch Grass (Panicum virgatum)
Upland Bentgrass (Agrostis perennans)

The seed mix will consist of native species and will be sown at a rate of 35 lb/acre (1 lb/1250 sq ft) or as recommended by the supplier. Disturbed areas will be dressed with 2

inches of top soil and the areas will be seeded by hand or with a walk behind mechanical spreader. The seed mix will be lightly raked or rolled into the soil to ensure seed to soil contact necessary for germination. A light much of weed free straw may be added to seeded areas. The area will then be gently watered by hand once a day or as necessary for two weeks until vegetation becomes established. Seeding disturbed areas will occur within the growing season for Suffolk County, May 1 to October 1.

 Erosion controls will remain in place until the site is stable and in accordance with the Order of Conditions.

Other construction best management practices will include covering haul trucks and soil piles, using water to control dust generated during earth moving activities etc., sweeping parking areas and pavement regularly, installing rock entrances to prevent vehicle tracking, limiting vehicle idling to five minutes or less, providing spill prevention/response measures, maintaining materials stockpiles contained and placed on impermeable surfaces, requiring overnight parking of equipment on impermeable surfaces, and ensuring that concrete washout BMPs are prepared and followed as necessary.

The contractor will be responsible for ensuring that all excavated material and soils are handled, transported, and disposed of in accordance with applicable local, state and federal regulations. In the unlikely event that contaminated soils (or other material) are encountered during excavation or any construction activity, the contractor will be required to have an LSP characterize the soil (and/or other material) to determine appropriate handling and treatment/disposal. Any hazardous waste produced would be managed by MassDEP-permitted haulers and disposal sites.

## CONFORMANCE WITH WPA PERFORMANCE STANDARDS

No direct impacts to state regulated resource areas will occur as a part of the project. The project involves work within the 100-foot buffer zone to BVW and intermittent stream bank.

## **SUMMARY**

The proposed renovation of the Olsen Pool and Bajko Ice Skating Rink Parking Lot in the Stoney Brook Reservation (Hyde Park) is a necessary improvement to maintain public safety and accessibility while visiting this public resource. The proposed Project consists of the reconstruction of the pool, pool deck, and replacement of the water supply and control piping for the pool and repaving and minor widening of the parking lot, improvements to the site access drive and addition of an employee parking area, adding and improving walkways and sidewalks to meet ADA standards, adding ADA compliant parking spaces and upgrading the stormwater system to meet current stormwater standards.

The majority of the work will occur within the existing footprint of the pool and the parking lot. Minor impacts to vegetated buffer zone associated with state BVW / local VW and state and local stream bank will occur when installing the pool piping, installing a trench drain and associated outlet, temporarily removing and then reinstalling perimeter fence in order to access the pool site,

accessing the pool site during construction, when installing the stormwater infiltration system outlet structure, drywell and riprap pad and when constructing new walkways.

Approximately 23 square feet of local Riverfront Area / Waterfront Area will occur adjacent to the Olsen Pool Building when extending the existing asphalt path and connecting the path to the new concrete path/sidewalk. Temporary impacts to local Riverfront Area / Waterfront Area will occur during the construction of the stormwater systems drywell and outlet riprap pad.

Erosion and siltation controls will be installed prior to construction to protect adjacent wetland resource areas. Upon completion of work, the buffer zones will be returned preconstruction conditions. Disturbed buffer zone will be reseeded with an erosion control buffer seed mix or clean invasive-free bark mulch will be reinstalled in picnic areas.

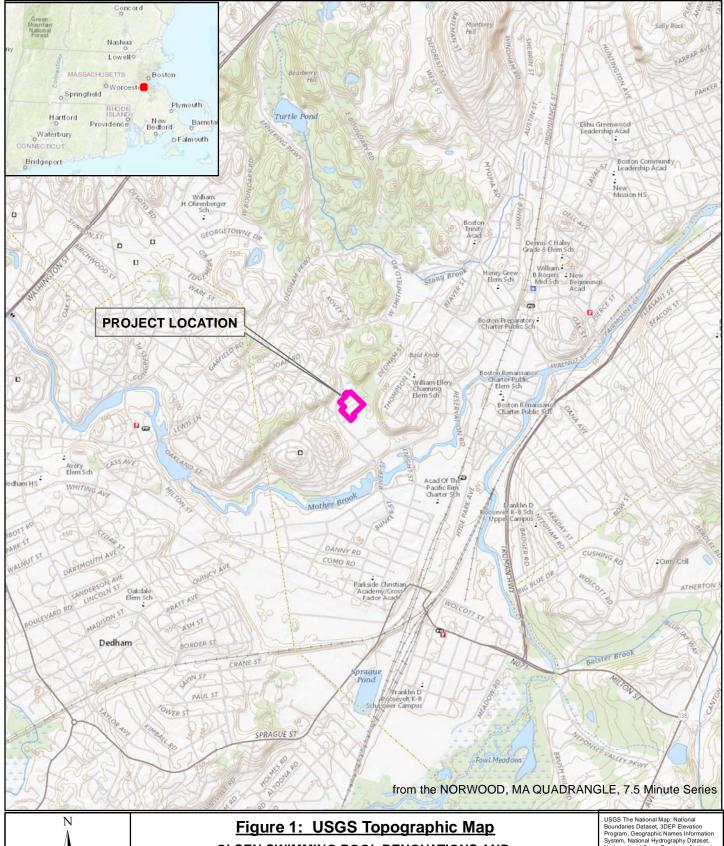
Given the limited scope of work, and implementation of BMP's, Coneco on behalf of the Massachusetts Department of Conservation and Recreation respectfully requests that the City of Boston Conservation Commission issue an Order of Conditions allowing the project to proceed as proposed.

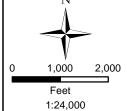
## **ATTACHMENT B**

### **FIGURES**

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts

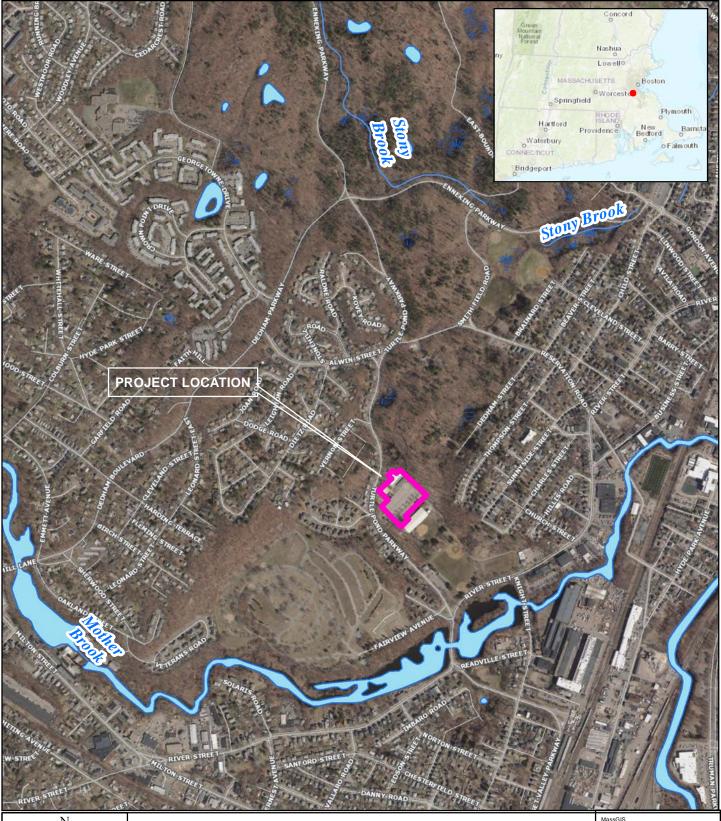


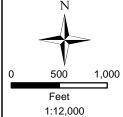


OLSEN SWIMMING POOL RENOVATIONS AND BAJKO SKATING RINK PARKING LOT IMPROVEMENTS MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts Lat. 42.2504, Long. -71.1385 USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset, USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and





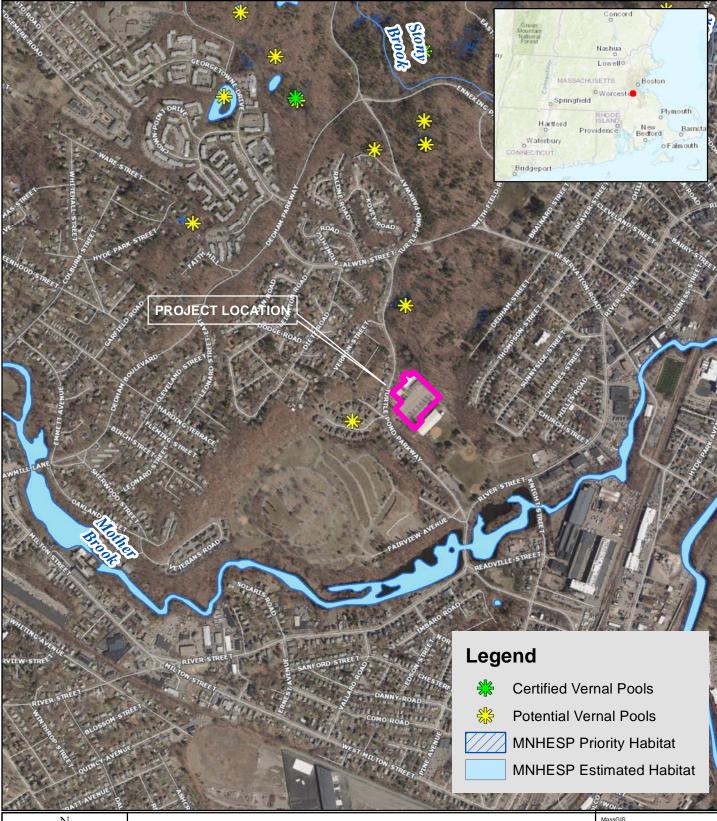


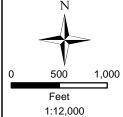
## Figure 2: Aerial Map

# OLSEN SWIMMING POOL RENOVATIONS AND BAJKO SKATING RINK PARKING LOT IMPROVEMENTS MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts Lat. 42.2504, Long. -71.1385 MassGIS
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





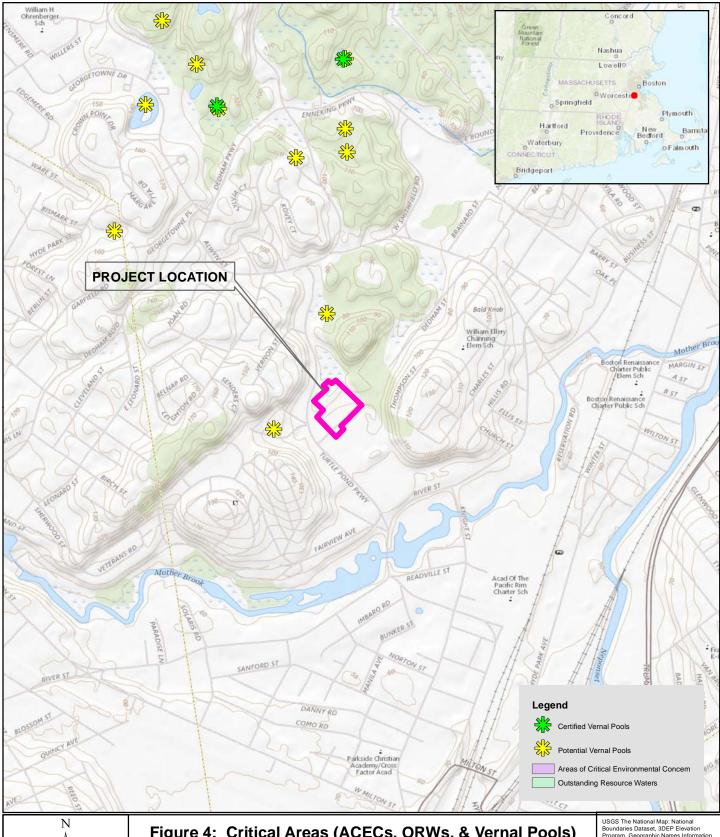


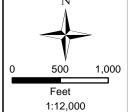
## Figure 3: MA Natural Heritage Habitat Map

OLSEN SWIMMING POOL RENOVATIONS AND BAJKO SKATING RINK PARKING LOT IMPROVEMENTS MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts Lat. 42.2504, Long. -71.1385 MassGIS
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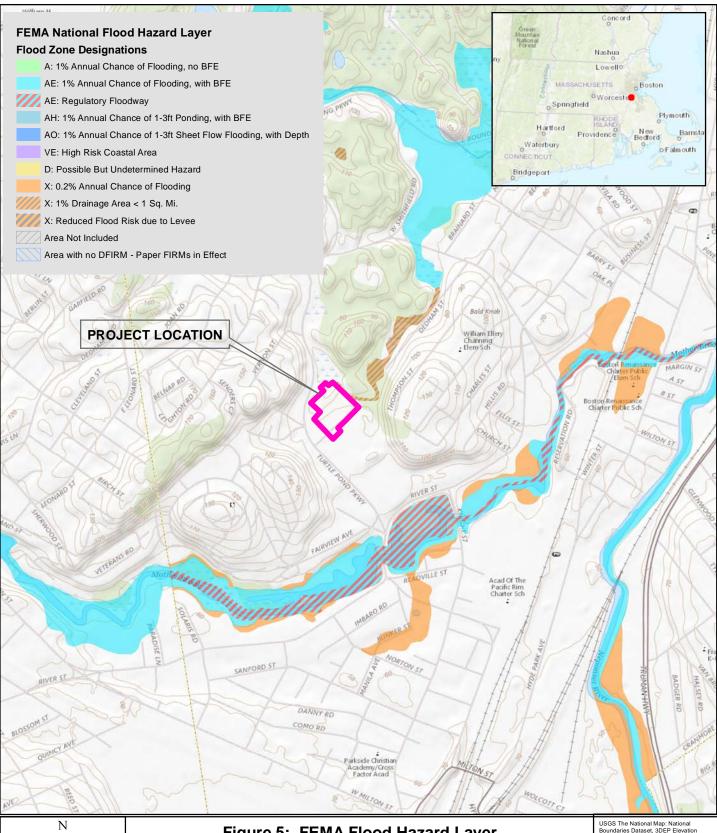
## Figure 4: Critical Areas (ACECs, ORWs, & Vernal Pools)

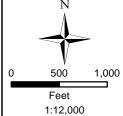
#### **OLSEN SWIMMING POOL RENOVATIONS AND BAJKO SKATING RINK PARKING LOT IMPROVEMENTS** MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts Lat. 42.2504, Long. -71.1385

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset, USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and







## Figure 5: FEMA Flood Hazard Layer

OLSEN SWIMMING POOL RENOVATIONS AND BAJKO SKATING RINK PARKING LOT IMPROVEMENTS MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts Lat. 42.2504, Long. -71.1385 USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Burreau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and



## **ATTACHMENT C**

### AFFIDAVIT OF SERVICE NOTICE TO ABUTTERS ABUTTERS LIST

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts

### AFFIDAVIT OF SERVICE Under the Massachusetts Wetlands Protection Act and Boston Wetlands Bylaw

I, Michael J. Toohill, of Coneco Engineers and Scientists, Inc., hereby give notice under pains and penalties of perjury that on <u>December 15, 2020</u> I gave notice to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, section 40, and the DEP Guide to abutter notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent was filed under the Massachusetts Wetlands Protection Act by the Massachusetts Department of Conservation and Recreation (DCR) with the City of Boston Conservation Commission on December 15, 2020 for:

## The OLSEN SWIMMING POOL RENOVATIONS AND BAJKO SKATING RINK PARKING LOT IMPROVEMENTS

located at

75 & 95 Turtle Pond Parkway in the Stony Brook Reservation in Boston (Hyde Park).

The form of the notification, the list of abutters to whom it was given, and their addresses are attached to this Affidavit of Service.

Michael J. Toohill

December 15, 2020

#### NOTIFICATION TO ABUTTERS BOSTON CONSERVATION COMMISSION

In accordance with the Massachusetts Wetlands Protection Act, Massachusetts General Laws Chapter 131, Section 40, and the Boston Wetlands Ordinance, you are hereby notified as an abutter to a project filed with the Boston Conservation Commission.

- A. The Department of Conservation and Recreation has filed a Notice of Intent with the Boston Conservation Commission seeking permission to alter an Area Subject to Protection under the Wetlands Protection Act (General Laws Chapter 131, section 40) and Boston Wetlands Ordinance.
- B. The address of the lot where the activity is proposed is 75 & 95 Turtle Pond Parkway, Boston (Hyde Park) (Parcel ID 1812172000).
- C. The project involves the reconstruction of the Olsen Swimming Pool and upgrading the existing parking lot, walks and stormwater facility at the Stony Brook Reservation in Boston (Hyde Park).
- D. Copies of the Notice of Intent may be obtained by contacting the Boston Conservation Commission at CC@boston.gov.
- E. Copies of the Notice of Intent may be obtained from Michael Toohill, Principal-Ecological Services and Permitting Department, Coneco Engineers and Scientists, Inc., 238 Littleton Road, Suite 105, Westford, MA 01886, Office: 978-656-8684 x101, between the hours of 9:00 am to 5:00 pm, Monday Friday.
- F. In accordance with the Commonwealth of Massachusetts Executive Order Suspending Certain Provisions of the Open Meeting Law, the public hearing will take place **virtually** at <a href="https://zoom.us/j/6864582044">https://zoom.us/j/6864582044</a> . If you are unable to access the internet, you can call 1-929-205-6099, enter Meeting ID 686 458 2044 # and use # as your participant ID.
- G. Information regarding the date and time of the public hearing may be obtained from the Boston Conservation Commission by emailing <a href="CC@boston.gov">CC@boston.gov</a> or calling (617) 635-3850 between the hours of 9 AM to 5 PM, Monday through Friday.

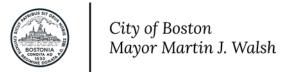
NOTE: Notice of the public hearing, including its date, time, and place, will be published at least five (5) days in advance in the **Boston Herald.** 

NOTE: Notice of the public hearing, including its date, tine, and place, will be posted on <a href="https://www.boston.gov/public-notices">www.boston.gov/public-notices</a> and in Boston City Hall not less than forty-eight (48) hours in advance.

NOTE: If you would like to provide comments, you may attend the public hearing or send written comments to <a href="CC@boston.gov">CC@boston.gov</a> or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: You also may contact the Boston Conservation Commission or the Department of Environmental Protection Northeast Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call: the Northeast Region: (978) 694-3200.





## NOTIFICACIÓN PARA PROPIETARIOS Y/O VECINOS COLINDANTES COMISIÓN DE CONSERVACIÓN DE BOSTON

De conformidad con la Ley de protección de los humedales de Massachusetts, el Capítulo 131, Sección 40 de las Leyes Generales de Massachusetts y la Ordenanza sobre los humedales de Boston, por la presente queda usted notificado como propietario o vecino colindante de un proyecto presentado ante la Comisión de Conservación de Boston.

- A. The Department of Conservation and Recreation ha presentado una solicitud a la Comisión de Conservación de Boston pidiendo permiso para modificar una zona sujeta a protección en virtud de la Ley de protección de los humedales (Leyes generales, capítulo 131, sección 40) y la Ordenanza sobre los humedales de Boston.
- B. La dirección del lote donde se propone la actividad es 75 & 95 Turtle Pond Parkway, Boston (Hyde Park) (Parcel ID 1812172000).
- C. El proyecto consiste en reconstrucción de la piscina de Olsen y la mejora del estacionamiento existente, paseos e instalaciones de aguas pluviales en la reserva Stony Brook en Boston (Hyde Park).
- D. Se pueden obtener copias del Aviso de Intención comunicándose con la Comisión de Conservación de Boston en CC@boston.gov.
- E. Las copias de la notificación de intención pueden obtenerse en Michael Toohill, Principal-Ecological Services and Permitting Department, Coneco Engineers and Scientists, Inc., 238 Littleton Road, Suite 105, Westford, MA 01886, Office: 978-656-8684 x101, entre las 9:00 am a 5:00 pm, de lunes a viernes.
- F. De acuerdo con el Decreto Ejecutivo de le Mancomunidad de Massachusetts que suspende ciertas disposiciones de la Ley de reuniones abiertas, la audiencia pública se llevará a cabo virtualmente en <a href="https://zoom.us/j/6864582044">https://zoom.us/j/6864582044</a>. Si no puede acceder a Internet, puede llamar al 1-929-205-6099, ingresar ID de reunión 686 458 2044 # y usar # como su ID de participante.
- G. La información relativa a la fecha y hora de la audiencia pública puede solicitarse a la Comisión de Conservación de Boston por correo electrónico a <a href="CC@boston.gov">CC@boston.gov</a> o llamando al (617) 635-4416 entre las 9 AM y las 5 PM, de lunes a viernes.

NOTA: La notificación de la audiencia pública, incluida su fecha, hora y lugar, se publicará en el **Boston Herald** con al menos cinco (5) días de antelación.

NOTA: La notificación de la audiencia pública, incluida su fecha, hora y lugar, se publicará en <a href="https://www.boston.gov/public-notices">www.boston.gov/public-notices</a> y en el Ayuntamiento de Boston con no menos de cuarenta y ocho (48) horas de antelación. Si desea formular comentarios, puede asistir a la audiencia pública o enviarlos por escrito a <a href="https://www.cc.edu/cc.ed

NOTA: También puede comunicarse con la Comisión de Conservación de Boston o con la Oficina Regional del Noreste del Departamento de Protección Ambiental para obtener más información sobre esta solicitud o la Ley de Protección de Humedales. Para comunicarse con el DEP, llame a la Región Noreste: (978) 694-3200.

NOTA: si tiene previsto asistir a la audiencia pública y necesita servicios de interpretación, sírvase informar al personal en CC@boston.gov antes de las 12 PM del día anterior a la audiencia.



#### **BABEL NOTICE**

#### English:

**IMPORTANT!** This document or application contains **important information** about your rights, responsibilities and/or benefits. It is crucial that you understand the information in this document and/or application, and we will provide the information in your preferred language at no cost to you. If you need them, please contact us at <a href="mailto:cc@boston.gov">cc@boston.gov</a> or 617-635-3850.

Spanish:

¡IMPORTANTE! Este documento o solicitud contiene <u>información importante</u> sobre sus derechos, responsabilidades y/o beneficios. Es fundamental que usted entienda la información contenida en este documento y/o solicitud, y le proporcionaremos la información en su idioma preferido sin costo alguno para usted. Si los necesita, póngase en contacto con nosotros en el correo electrónico cc@boston.gov o llamando al 617-635-3850.

#### Haitian Creole:

**AVI ENPÒTAN!** Dokiman oubyen aplikasyon sa genyen <u>enfòmasyon ki enpòtan</u> konsènan dwa, responsablite, ak/oswa benefis ou yo. Li enpòtan ke ou konprann enfòmasyon ki nan dokiman ak/oubyen aplikasyon sa, e n ap bay enfòmasyon an nan lang ou prefere a, san ou pa peye anyen. Si w bezwen yo, tanpri kontakte nou nan <u>cc@boston.gov</u> oswa 617-635-3850.

#### Traditional Chinese:

**非常重要!**這份文件或是申請表格包含關於您的權利,責任,和/或福利的重要信息。請您務必完全理解 這份文件或申請表格的全部信息,這對我們來說十分重要。我們會免費給您提供翻譯服務。如果您有需要 請聯糸我們的郵箱 cc@boston.gov 電話# 617-635-3850..

#### Vietnamese:

**QUAN TRỌNG!** Tài liệu hoặc đơn yêu cầu này chứa **thông tin quan trọng** về các quyền, trách nhiệm và/hoặc lợi ích của bạn. Việc bạn hiểu rõ thông tin trong tài liệu và/hoặc đơn yêu cầu này rất quan trọng, và chúng tôi sẽ cung cấp thông tin bằng ngôn ngữ bạn muốn mà không tính phí. Nếu quý vị cần những dịch vụ này, vui lòng liên lạc với chúng tôi theo địa chỉ **cc@boston.gov** hoặc số điện thoại 617-635-3850.

#### Simplified Chinese:

**非常重要!**这份文件或是申请表格包含关于您的权利,责任,和/或福利的重要信息。请您务必完全理解这份文件或申请表格的全部信息,这对我们来说十分重要。我们会免费给您提供翻译服务。如果您有需要请联糸我们的邮箱 <u>cc@boston.gov</u> 电话# 617-635-3850.

## CITY of BOSTON

Cape Verdean Creole:

**INPURTANTI!** Es dukumentu ó aplikason ten <u>informason inpurtanti</u> sobri bu direitus, rasponsabilidadis i/ó benefísius. È krusial ki bu intendi informason na es dukumentu i/ó aplikason ó nu ta da informason na língua di bu preferênsia sen ninhun kustu pa bó. Si bu prisiza del, kontata-nu na cc@boston.gov ó 617-635-3850.

Arabic:

مهم! يحتوى هذا المستند أو التطبيق على معلومات مهمة حول حقوقك ومسؤولياتك أو فوائدك. من الأهمية أن تفهم المعلومات الواردة في هذا المستند أو التطبيق. سوف نقدم المعلومات بلغتك المفضلة دون أي تكلفة عليك. إذا كنت في حاجة إليها، يرجى الاتصال بنا على cc@boston.gov أو. 617-635

Russian:

**ВАЖНО!** В этом документе или заявлении содержится важная информация о ваших правах, обязанностях и/или льготах. Для нас очень важно, чтобы вы понимали приведенную в этом документе и/или заявлении информацию, и мы готовы бесплатно предоставить вам информацию на предпочитаемом вами языке. Если Вам они нужны, просьба связаться с нами по адресу электронной почты <u>cc@boston.gov</u>, либо по телефону 617-635-3850. Portuguese:

**IMPORTANTE!** Este documento ou aplicativo contém <u>Informações importantes</u> sobre os seus direitos, responsabilidades e/ou benefícios. É importante que você compreenda as informações contidas neste documento e/ou aplicativo, e nós iremos fornecer as informações em seu idioma de preferência sem nenhum custo para você. Se precisar deles, fale conosco: cc@boston.gov ou 617-635-3850.

French:

**IMPORTANT!** Ce document ou cette demande contient des <u>informations importantes</u> concernant vos droits, responsabilités et/ou avantages. Il est essentiel que vous compreniez les informations contenues dans ce document et/ou cette demande, que nous pouvons vous communiquer gratuitement dans la langue de votre choix. Si vous en avez besoin, veuillez nous contacter à cc@boston.gov ou au 617-635-3850.

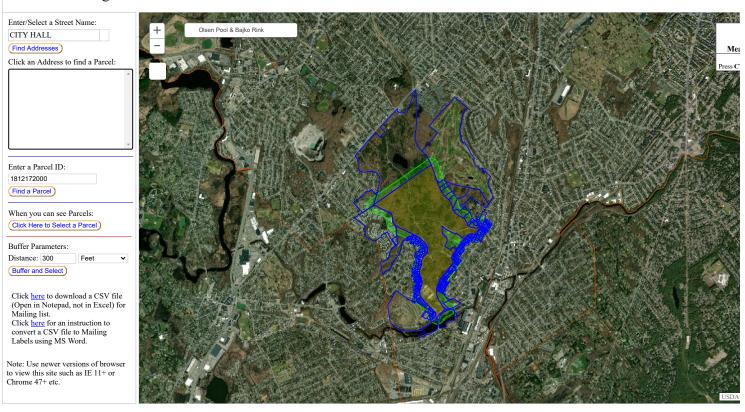








## Abutter Mailing List Generator --- City of Boston Assessing Department



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1811217000 DORCENA MILIAM	ABREU REYNA M	59-61 GORDON AV	HYDE PARK MA	596160	בוול בווין	LUC_ZIPCODE
1811218000 GUZMAN CABLOS	DORCENA WILLIAM J	63 GORDON AVE	HYDE PARK MA	2136 63 65 GORDON AV	HVDE PARK	7136
- 1844340000 CUTALAN CANIOS	GUZMAN CARLOS	71-73 GORDON AV	HYDE PARK MA	2136 GORDON AV	UVDE DARK	2136
1811220000 LOMBABNITHONAS BA	GUEMAN CARLOS	71-73-GORDON-AV	HYDE PARK MA	WA MODDOOD 57 17 3616	TIDE FARK	2136
1911221000 ANDINO VICTORIA	LOMBARDI THOMAS M	40 CHILD ST	BOSTON MA	2136 An CHILD CT	THUE FAME	2136
1911222000 AIVDINO VICTORIA	ANDINO VICTORIA	36 CHILD ST	HYDE PARK MA	2136 36 CHILD ST	HYDE PARK	2136
181172COOU OLUWADAKA DAVID B IS	OLUWADARA DAVID B TS	30 CHILD ST	HYDE PARK MA		HYDE PARK	2136
1011020000 FLAMMEN THIS S	TOSSOUPKE AKOKO	18 GREENBROOK RD	HYDE PARK MA	2136 30 32 CHILD SI	HYDE PARK	2136
101125/000 FLANNERY EIMEL R	FLANNERY ETHEL R	14 GREENBROOK RD	HYDE PARK MA	2136 14 CREENBROOK RD	HYDE PARK	2136
1011250000 BEKNARUINE SISTERS	BERNARDINE SISTERS	71 HALE ST	HYDE PARK MA	2136 CHILD CT	HYDE PARK	2136
1911260000 BEBNADDING CONTROL	BOSTON TRINITY ACADEMY CORP	29 HALE ST	HYDE PARK MA	2136 70 GOBDON AV	HYDE PARK	2136
TOTAL SOCIAL DEPOSIT OF THE STATE OF THE STA	BERNARDINE SISTERS	BRAEBURN RD	HYDE PARK MA	2136 BRAEBIEN DE	HYDE PARK	2136
COLUMN DE LA LA COLUMN DINE SISTEMS	BERNARDINE SISTERS	BRAEBURN RD	HYDE PARK MA	STOO DIVISION NO	HYDE PARK	2136
TOTIZOZOU DERNARDINE SISTENS	BERNARDINE SISTERS	BRAEBURN RD	HVDF PARK MA	ALSO DRACBORN RD	HYDE-PARK	2136
TELL COSUM BERNARDINE SISTERS	-BERNARDINE SISTERS	BRAEBURN RD	HVDE DARKAAA	ZIOS BRAEBURN RD	HYDE PARK	2136
1811281000 BOSION TRINITY ACADEMY INC	BOSTON TRINITY ACADEMY INC	29 HALE	HYDE PARK MA	2120 BINEBURN RD	HYDE PARK	2136
101128ZUUI ZHANG GANGXIN	ZHANG GANGXIN	10 HALE ST	HYDE PARK MA	2136 29 HALE 31	HYDE PARK	2136
1811282002 MOHAMMED ANESHAL	MOHAMMED ANESHA L	103 GORDON AV	HYDE PARK MA	2135 10 HALE ST	HYDE PARK	2136
1811338000 CITY OF POCTON	ZHANG GANGXIN	10 HALEST	HYDE PARK WA	2136 GORDON AV	HYDE PARK	2136
1811439000 COMMONWEATH OF MASS (MCC)	CITY OF BOSTON	420 WEST	HYDE PARK MA	2136 420 WFST ST	LVOE DADK	2136
1811440000 10DGF FDWARD A FTA!	COMMONWEALTH OF MASS (MDC)	GORDON AV	HYDE PARK MA	2136 GORDON AV	UVDE PARK	2136
1811441000 MCGAFFIGAN KEVIN	LODGE EDWARD A EIAL	114 GORDON AVE	HYDE PARK MA	2136 114 GORDON AV	UVDE PARK	2136
1991442000 COMMONWEATH DE MANCE	MCGAFFIGAN KEVIN	112 GORDON AV	HYDE PARK MA	2136 112 GORDON AV	UVDE DARK	2136
1811443000 COMMONWEATH OF MACC	COMMONWEALTHOF MASS	-334-BROOKLINE-ST	NEEDHAM MA	2452 STONY BROOK BROKENSON	HYDE PARK	2136
-1811444000 METROPOLITAN DISTRICT CONNA		-20-SOMERSET ST	BOSTON MA	STOR CTOMY BOOK SECENTATION	HOLTRAK	2136
4844446AAA - CARA CARA CARA CARA CARA CARA CARA	MATTHEW THAT SIGNED COMMA	-20 SOMERSET ST	BOSTON MA	2108 CTONY BROON DECEMBER	AND JOSEPH	2136-
STATUTE COMMENT OF WICE	COMM OF MASS—MDC	-29-SOMERSET-ST	BOSTON-MA	MOLETANGE AND COMPANY BOSE		2136
1911449000 COMMINGENERAL OF SECTION	COMINI OF IMASSIMDC	20 SOMERSET ST	BOSTON MA	240B STORY BROOK PICTORY TOWN		2136-
191149000 COMMONICALIN CHMASS SADE	COMMONWEALTH OF MASS MDC	STOWN BROOK RESERVATION	HYDE PARK 144	2136 CTOMY BROOK RESERVATION	HYDEPARK	2136
1911450000 COMMON OF WASSENSTON	COMM OF MASSMDC	20 SOMERSET ST	BOSTON WA	SAGO CTONY BROOK RESERVATION	HYDE PARK	2136
TOTAL TOTAL COMM OF MASS MDC	COMM OF MASS - MDC	-20 SOMERSET ST	BOSTON MA	STORY CHOCK-RESERVATION	HYDE PARK	2136
1811451000 COMMONWEALTH OF MASS	COMMONWEALTH OF MASS	HORTON ST	HVDE DADY MA	STOR STONY BROOK RESERVATION	HYDE PARK	2136
	COLBURN CHARLES A	106 GORDON AV	LIVE DADY MA		HYDE PARK	2136
	MCMILLION META	100 GORDON AVE	UVDE DADK MA	106	HYDE PARK	2136
	PERKINS SUSAN	96 GORDON AV	HYDE PARK IMA		HYDE PARK	2136
	BERKSHIRE INVESTMENTS LLC	11 WAI NIIT HILL ST	CUESTAILIT IIII 100	96	HYDE PARK	2136
	EBCPAC DEVELOPMENT LLC	540 GALLIVAN BI VD	DOPCHESTER MA	95	HYDE PARK	2136
	GALLAGHER FRANCES M	53 BEAVER ST	HVDE DADY NAA	00 1	HYDE PARK	2136
	OREILLY PATRICIA	57 LINWOOD	HYDE PARK MA	23	HYDE PARK	2136
1011409UUU BKADY PEIERJ	BRADY PETER J	61 LINWOOD ST	HVDF PARK MA	2136 S/ LINWOOD ST	HYDE PARK	2136
1914/0000 MCCANN RACHEL	MCCANN RACHEL L	52 CHILD ST	HYDE PARK MA	2136 GUILD CT	HYDE PARK	2136
1911472000 NEI DEDRE	WECAINN RACHEL L	S2 CHILD ST	HYDE PARK WA	STSS CHILD SI	HYDE PARK	2136
	NEI PIERRE	50 CHILD ST	HYDE PARK MA	2136 50 CHILD ST	HYDE PARK	2136
1811474000 COOPER MEIVIN	HENRY LEONNIE	48 CHILD ST	HYDE PARK MA		HYDE PARK	2136
	COUPER MELVIN	58 GORDON AV	HYDE PARK MA	000	HYDE PAKK	2136
	CISCO	56 GORDON AV	HYDE PARK MA	20 29	HYDE PARK	2136
1811609000 MACKINMON IAMES	FEKZUCU ADA	19 SANFORD ST	HYDE PARK MA	2	UNDE PARK	2136
1811611000 WOOD IOUN NO ETAI	MACKINNON JAMES	76 CHILD ST	HYDE PARK MA	76	HYDE PAKK	2136
	WOOD JOHN METAL	70 CHILD	HYDE PARK MA	2 2	HYDE PARK	2136
1811613000 MAXIONE JENNIEED MATHERS		68 CHILD ST	HYDE PARK MA	2 00	HYDE PARK	2136
	R KATHLEEN	66 CHILD ST	HYDE PARK MA	9 9	HYDE PARK	2136
		62 CHILD ST	HYDE PARK MA	62	HYDE PARK	2136
	MADDEN-FUOCO WILLIAM	58 CHILD ST	HYDE PARK MA	28	HYDE PARK	2136
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2136 LINWOOD ST 2136 44 LINWOOD ST 2136 82 80 GORDON AV 2136 76 78 GORDON AV 2136 45 CHILD ST	2136 47 49 CHILD ST 2136 51-53 CHILD ST 2136 55 CHILD ST 2136 59 CHILD ST 2136 63 CHILD ST 2136 64 CHILD ST 2136 67 CHILD ST	69 75 81 81 87 120 111 1116		2136 119 BEAVER ST 2136 123 BEAVER ST 2136 125 BEAVER ST 2136 127 BEAVER ST 2136 45 CLEVELAND ST 2136 55 CLEVELAND ST 2136 1 MT ASH RD 2467 15 MT ASH RD 2467 MT ASH RD		149 151 153 153 155 159 167 247 249
HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA BOSTON MA HYDE PARK MA BOSTON MA HYDE PARK MA HYDE PARK MA BOSTON MA	HYDE PARK MA CHESTNUT HILL MA CHESTNUT HILL MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA WEST ROXBURY MA BOSTON MA HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA
LINWOOD 44 LINWOOD ST 80 GORDON AV 78 GORDON AV 45 CHILD	49 CHILD ST 51 CHILD ST 55 CHILD ST 59 CHILD ST 63 CHILD ST 67 CHILD ST	69 CHILD ST 75 CHILD ST 81 CHILD 87 CHILD 120 BEAVER ST 116 BEAVER 112 BEAVER ST	108 BEAVER ST 104 BEAVER ST 63 CHILD 20 SOMSERSET ST 109 BEAVER ST 11 BEAVER ST PO BOX 230181 119 BEAVER ST	123 BEAVER ST 125 BEAVER ST 125 BEAVER ST BEAVER ST 45 CLEVELAND ST 55 CLEVELAND ST 1 MT ASH RD 9 MT ASH RD 79 MANET RD 79 MANET RD	25 MT ASH RD 29 MT ASH RD 33 MT ASH RD 534 WELD ST 20 SOMERSET ST 24 MT ASH RD 8 MT ASH RD 8 MT ASH RD 61 CLEVELAND ST 145 BEAVER ST	149 BEAVER ST 151 BEAVER 153 BEAVER ST 155 BEAVER ST 157 BEAVER ST 159 BEAVER ST 163 BEAVER ST 167 DANA AV 247 RESERVATION RD 249 RESERVATION RD
CITY OF BOSTON FARRELL ERICA L REYES HEYNI M PICKERING SANDRA WEBB GEORGE J ETAL SOTO NORMA G	UY FREDEL L TOSI ELISA F MOLINA ANDRE HANSEN KATHLEEN A SICELLON SUCCES	CABRAL ANTONIO SOLOMON KEITH GILLIS THOMAS P ETAL PINARDI ENRICO V ETAL RYLKO THERESA FIORE ANGELO J ETAL BROOKS-ROBERTS SHERRY	BROWN EICHIKA A DEMJEN JESSICA H HANSEN KATHLEEN A COMIM OF MASS.—MDC TAYLOR LANCE O GILLUM RODNEY E OKAFOR CHINWEND C SWEENEY MARYBETH A	CONNELL GRACE M DELGADO-CLEMONS LAURA CHARLES GLADYS DOREN WILLIAM E ROBY SCOTT RICCI RONALD N EVERETT ROBERT L TRESELER FREDERICK III ETAL TRESELER FREDERICK CIII	PERRY JOHN F VIGIL VICTOR H PIERRE-LOUIS LENES ASTUDILLO CHRISTIAN COMMONWEALTH MASSACHUSETTS RACHAISKI CHESTER P ZAK BLANCHE B ZAK BLANCHE B MACDOUGALL JENNIFER DAMI KODJO S FORDER CHESTER DAMI KODJO S	FORDE CHERYL MAXINE ALIBERTI ANNA STURKE ALEXANDER SANTIZO MYNOR I PAUL RICHARD D BEHRNS ROBERT AUGUSTIN GOMER KRISCENSKI SCOTT B CORTES LUCY COLON RAMON JR
1811616000 CITY OF BOSTON 1811617000 FARRELL ERICA L 1811655000 REYES HEVNI M 1811656000 PICKERING SANDRA 1811657000 WEBB GEORGE J FTAL 1811658000 SOTO NORMA G		1811664000 SOLOMON KEITH 1811665000 GILLIS THOMAS P ETAL 1811666000 PINARDI ENRICO V ETAL 1811679000 RYLKO THERESA 1811680000 FIORE ANGELO J ETAL 1811681000 BROOKS-ROBERTS SHERRY 1811682000 BROOKS-FICHIKA A		1811690000 CONNELL GRACE M 1811691000 DELGADO-CLEMONS LAURA 1811692000 CHARLES GLADYS 1811693000 DOREN WILLIAM E 1811693000 RICCI RONALD N 1811695000 RICCI RONALD N 1811695000 TRESELER FREDERICK III ETAL 1811699000 TRESELER FREDERICK C III 1811699000 DRERY IONN E	181170000 VIGIL VICTOR H 1811700000 VIGIL VICTOR H 1811701000 PIERRE-LOUIS LENES 1811702000 ASTUDILLO CHRISTIAN 1811703000 COMMONWEALTH MASSACHUSETTS 1811704000 RACHALSKI CHESTER P 1811705000 ZAK BLANCHE B 1811700000 ZAK BLANCHE B 1811701000 DAMI KODIO S 1811711000 DAMI KODIO S 1811711001 FORDE CHERY MAXINE	

AMARO HERIBERTO JR ROBSON CHARLES B GIFFORD BRANDON MORRISON MOLLY SMITH ROBERT HULME JOSEPH WRIGHT KATE G CHOW THOMAS S VELASQUEZ BROTHERS LLC NESSAR LORRAINE SAKER ADAM WALL ANNA M CALABRUSO DOROTHY F MOORE GERALD T CANBRUSO BOROTHY F MOORE GERALD T CANBRUS G BERRY EDWARD CARTHY DEAN-RAY PICHARDO NELSON TAVAREZ JOSE R BORGES OMAR HOFFMAN CARREN L OGRADY DAVID A WARE DAVID J OR YUN YU GREEN EDRICC STRICKLAND CHRISTINE C STRICKLAND CHRISTINE T SHIUDAT-PULCHANSING SUNITA CARTER MICHAEL AMERICAN GREEN BUILDING FRENCH JAMES R ETAL CARRAO CONSTANTINO DUFFY CHRISTINA TS GAUTHIER REGINE B OLIVERO ADELIZA ON WEDDLICA	IN RD HYDE PARK MA 2136 251 RESERVATION RD HYDE PARK HYDE PARK MA 2136 253 RESERVATION RD HYDE PARK HYDE PARK MA 2136 9 BRAINARD ST HYDE PARK	HYDE PARK MA 2136 11 BRAINARD ST HYDE PARK HYDE PARK MA 2136 13 BRAINARD ST HYDE PARK	HYDE PARK MA 2136 15 BRAINARD ST HYDE PARK	HYDE PARK MA 2136 17 BRAINARD ST HYDE PARK	IN AV HYDE PARK MA 2136	HYDE PARK MA 2136 23 BRAINARD ST HYDE PARK	HYDE PARK MA 2136 25 27 BRAINARD ST HYDE PARK	HYDE PARK MA 2136 29 31 BRAINARD ST HYDE PARK	HYDE PARK MA 2136 33 35 BRAINARD ST HYDE PARK	HYDE PARK MA 2136 37 39 BRAINARD ST HYDE PARK HYDE PARK MA 2136 EA EC CIEVELAND ST HYDE PARK	ST HYDE PARK MA 2136	HYDE PARK MA 2136 46 48 CLEVELAND ST HYDE PARK	HYDE PARK MA 2136 244 RESERVATION RD HYDE PARK	HYDE DABK MA 2136 5 THOMPSON ST HYDE PARK	T HYDE PARK MA 2136	#3 JAMAICA PLAIN MA 2130 13 THOMPSON ST HYDE PARK	HYDE PARK MA 2136 17 THOMPSON ST HYDE PARK	HYDE PARK MA 2136 21 THOMPSON ST HYDE PARK	HYDE PARK MA 2136 23 THOMPSON ST HYDE PARK HYDE PARK MA 2136 20 DEDHAM ST LIVER BARK	2136 16	HYDE PARK MA 2136 12 DEDHAM ST HYDE PARK	HYDE PARK MA 2136 10 DEDHAM ST HYDE PARK	HYDE PARK HYDE PARK HYDE PARK	HYDE PARK MA 2136	HYDE PARK MA 2136 270 272 RESERVATION RD HYDE PARK	HYDE PARK MA 2136 266 268 RESERVATION RD HYDE PARK HYDE PARK MA 2136 262 264 BECENVATION BY	HYDE PARK MA 2136	HYDE PARK MA 2136 DEDHAM ST HYDE PARK	T HYDE PARK MA 2136 9 DEDHAM ST	70 DEDHAM ST HYDE PARK MA 2136 70 DEDHAM ST LUSE DARK	64 DEDHAM ST HYDE PARK MA 2136 64 DEDHAM ST	HYDE PARK MA 2136 58 DEDHAM ST HYDE PARK	HYDE DABK 2026 DEDHAM ST HYDE PARK	HYDE PARK MA	ST HYDE PARK MA 2136 48 DEDHAM ST HYDE PARK	BOSTON MA 2124 44 DEDHAM ST HYDE PARK	HYDE PARK MA 2136 42 DEDHAM ST HYDE PARK	HYDE PARK MA 2136 40 DEDHAM ST HYDE PARK	HYDE PARK MA 2136 36 DEDIAM ST LYDE PARK	HYDE PARK MA 2136 25 THOMPSON ST	HYDE PARK MA 2136 31 THOMPSON ST HYDE PARK	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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	AMARO HERIBERTO JR ROBSON CHARLES B GIFFORD BRANDON MORRISON MOLLY	SMITH ROBERT	HULME JOSEPH WRIGHT KATE G	CHOW THOMAS S	VELASQUEZ BROTHERS LLC	NESSAR LORRAINE	SMALLWOOD ANGELA J	WALL ANNA M	CALABRUSO DOROTHY F	MOORE GERALD T	CANNADY JOHN W JR	STECKELON THELMAVITTS	BERRY EDWARD	CARTHY DEAN-RAY	PICHARDO NELSON	TAVAREZ JOSE	SUPERVILLE PATRICIA A POMATES IOSE B	BORGES OMAR	HOFFMAN CARMEN L	OGRADY DAVID A	WARE DAVID J	GREENE DARCY J	HEYMANS JAMES	CLEMONS CYNTHIA L	JIMENEZ MARTIN J GONZAI EZ ROCIO	RAMIREZ ODELICE	WEIDLICH RAYMOND W	STRICKLAND CHRISTINE C	DEANDRADE MANUEL A	WILLIAMS JOSEPH L	SHIUDAT-PULCHANSINGH SUNITA	CARLER MICHAEL AMERICAN GREEN BILLI DING	AMERICAN GREEN BUILDING	FRENCH JAMES R ETAL	CARPINO ARMANDO	CORRAC CONSTANTING	DUFFY CHRISTINA TS	GREEN ROBERTO	PADOVANO CARL A ETAL	GAUTHIER REGINE B	OLIVERO ADELIZA	O IVEDO AREITA

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	1811985001 JOSEPH D MASON TRUST 1811985002 GARCIA WILFREDO 1811985003 WLELIN STEPHEN ITS 1811985005 CITY OF BOSTON 1811985005 CITY OF BOSTON 1811985007 CITY OF BOSTON 1811985008 MCKNIGHT LEROY B 1811985009 CITY OF BOSTON BY FCL 1811985009 MASON SIAN PHILLIPS	1811985012 CROWELL THOMAS J 1811985012 CROWELL THOMAS J 1811985012 ADVCE CONSTR CO INC 1811985013 JOYCE CONSTR CO INC 1811986002 CHY OF BOSTON 1811986002 HOPPIE WARREN J 1811986004 LYNCH MARY B 1811986005 ANIDI DOMINICO 1811986007 ENICARNACION ANTONIO		

1812184000 PASQUALE SABINO ETAL	PASQUALE SABINO ETAL	217 PORTER ST	MELROSE MA	2176 WESTON ST	HYDE PARK	2136
1012103000 FASCORIE SABINO ETAL	PASQUALE SABINO ETAL	217 PORTER ST	WELROSE MA	2176 WESTON ST	HYDE PARK	2426
1912192000 CITY OF BOSTON	No see a see	WESTON	HYDE PARK MA	2136 WESTON ST	HVOF PARK	9000
1912109000 CITY OF BOSTON BY TO:	CLIY OF BOSTON	WESTON	HYDE PARK MA	2136 WESTON ST	HYDE DABK	2436
1812188000 CITY OF BOSTON BY FCL	CITY OF BOSTON BY FCL	WESTON	HYDE PARK MA	2136 WESTON ST	HYDE DARK	213b
1912100000 CITI OF BOSTON	CITY OF BOSTON	WESTON	HYDE PARK MA	2136 WESTON ST	NOVO-DOVO-	2130
ACADACON CITY OF BOOK OF THE	CITY OF BOSTON	WESTON	HYDE PARK MA	2436 WESTON ST	HVOL BABK	CTZ
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18121sauto CITY DE BOSTON	CITY OF BOSTON	WESTON	HYDE PARK MA		LIVE DADY	9617
TRITION CHA CH BOSTON	CHY OF BOSTON	WESTON	HYDE PABK MA		THE THINK	136
1812196000 CITY OF BOSTON	CITY OF BOSTON	WESTON	HYDE PABE A44		HYDE PARK	2136
4812197000 CITY OF BOSTON	CITY OF BOSTON	WESTON	HYDE DADY KAA		HYDE PARK	2136
1812198000 QUINONEZ ENRIQUE	QUINONEZ ENRIQUE	152 TURTLE POND PKWY	HYDE PARK MA		HYDE PARK	-2136
1812199000 ADAMS EDWARD DAVE	ADAMS EDWARD DAVE	148 TURTLE POND PKWY	HYDE PARK MA		HYDE PARK	2136
1812201000 NELSON AUDREY M	NELSON AUDREY M	144 TURTLE POND PKWY	HYDE PARK MA	TUBLIC POND PW	HYDE PARK	2136
1812202000 VENTEROSO MICHAEL J	VENTEROSO MICHAEL J	140 TURTLE POND PKWY	HYDE PARK MA	TIIDTIE POND PW	HYDE PARK	2136
1812205000 PIERRE JEAN JACQUES R	PIERRE JEAN JACQUES R	130-132 TURTLE POND PW	HYDE PARK MA		HYDE PAKK	2136
ISIZZUGUUU MERKE JEAN JACQUES R	PIERRE JEAN JACQUES R	130-132 TURTLE FOND PW		MO ONC	INDE PARK	2136
TOTAL MEDICAL PROPERTY OF COURS R	PIERRE JEAN JACQUES R	130-132 TURTLE POND PW	HVBE PARK MA		HADE HAMK	2136
1812208000 ASSAF JOSEPH E ETAL	ASSAF JOSEPH E ETAL	3 RUSSELL ST	CANTON MA		HVDE PARK	2136
1812209000 WHITE PAULINE M	WHITE PAULINE M	124 TURTLE POND PKWY	HYDE PARK MA	D DVA	HYDE PARK	2136
SECTIONO WHITE PAULINE M	WHITE PAULINE M	124 TURFLE POND PKAY	HYDE PARK MA		HTUE PARK	2136
-3812213000 DONOGHUE KAREN	DOMOGRUE KAREN	122 TURTLE POND PKWY	HVDE PARK MA	1	THOE PARK	2136
	DONOGHUE KAREN	122 TURTLE POND PKWY	HVDE BABK MA	WANT	HYDE PARK	2136
1812214000 FOX DEIDRE L	FOX DEIDRE L	114 TURTLE POND PKWY	HADE DADY MA		HYDE PARK	2136
1812223000 ONEIL STEPHEN J	ONEIL STEPHEN J	26 VERNON ST	HYDE DABK MA	ND PW	HYDE PARK	2136
1812225000 PAKER SHALLHOUP STANLEY ETAL	PAKER SHALLHOUP STANLEY ETAL	22 VERNON	HYDE DABK MA		HYDE PARK	2136
1812226000 PAKER SHALLHOUP STANLET ETAL	PANEN SITHERNOOF SIGNIEST CIME	22 VERNON	HIDE FARK INA	N ST	HYDE PARK	2136
1812227000 PAKER SHALLHOUP STANLEY ETAL	PAKER SHALLHOUID STANIEV ETAL	22 WERNOW	HYDE PARK MA		HYDE PARK	2136
1812229000 RAYMOND SARA	RAYMOND SARA	3 WESTON ST	HVDE DADV NAA		HYDE PARK	2136
1812231000 CITY OF BOSTON	CITY OF BOSTON	WESTON	HIDE FAIN INA	ST	HYDE PARK	2136
1812232000 CITY OF BOSTON	CITY OF BOSTON	WESTON	HADE DARK AAA		HYDE PARK	2136
1812233000 ONEIL STEPHEN J	ONEIL STEPHEN J	26 VERNON ST	HYDE PARK MA	2136 WESTON ST	HYDE PARK	5136
1812234000 CITY OF BOSTON	CITY OF BOSTON	WESTON	HYDE PARK MA		HYDE PARK	2136
1812235000 CITY OF BOSTON	CITY OF BOSTON	WESTON	TYDE DOOK NA		HYDE PARK	2136
4812236000 - CITY OF BOSTON BY FCL	CHY OF BOSTON BY FCL.	WESTON	HYDE DARK We		HYDE PARK	2136-
1812240000 GRAHAM MEGAN	GRAHAM MEGAN	15 ACTON ST	HYDE PARK MA	2136 15 ACTON ST		2136
1812242000 MCCAULEY OWEN P ETAL	MCCAULEY OWEN P ETAL	8 VERNON ST	HYDE PARK MA			2136
1812245000 PULGINI JOSEPH J TS		. 16	HYDE PARK MA	TURTLE POND PW	HYDF PARK	2136
1812247000 PILICINI IOCEPH I TC	PULCINI DOCUMENTO		HYDE PARK MA			77.86
18-12248000 PULISIMI 10-SFPH 1-15	Personal Control of		HYDE PARK MA	2136 TURTLE POND PW		94946
1812249000 GRAHAM MEGAN	2		HYDE PARK MA	2136 ACTON ST		2426
*** 1817750000 GRAHAM MFGAN	GRAHAM MEGAN		HYDE PARK MA			2136
181995100 GRAHANGAN			HYDE PARK IMA			916
1812252000 S.7 ALIVABDO BEALTY TRUCT			HYDE PARK MA			2436
	TY TRUST	ш	HYDE PARK MA	ADO AV		2136
	KID		HYDE PARK MA			2136
1812255000 DAILA CI AIRE	GJUKA HEKALD		HYDE PARK MA	_		2130
				2136 15 ALVARADO AV H		2136
1812256010 STONY BROOK 11 CTS		O AVE	HYDE PARK MA			2136
1812256020 FRASER RODERICK J.R				2136 MAPLE LEAF DR H'		2136
1812256030 AZUMS VIVIAN		IVE		2136 2 MAPLE LEAF DR H		2136
		4 MAPLE LEAF DR	HYDE PARK MA	2136 4 MAPLE LEAF DR HY		2136

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HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK WA HYDE PARK MA HYDE PARK MA HYDE PARK MA HYDE PARK MA	HYDE PARK MA	HYDE PARK MA	HYDE PARK MA HYDE PARK MA HYDE PARK MA
6 MAPLE LEAF DRIVE 3 PINE TREE LANE 1 PINE TREE LANE 7 MAPLE LEAF DRIVE	S MAPLE LEAF DRIVE 3 MAPLE LEAF DRIVE 1 MAPLE LEAF DRIVE DEDHAM PARKWAY	14 DANIEL CT 10 DANIEL CT 30 KARDON RD 26 KARDON RD	22 KARDON RD 22 KARDON RD 18 KARDON ROAD 14 KARDON RD 10 KARDON RD	6 ALWIN ST 2 ALWIN 236 TURTLE POND PARKWAY 232 TURTLE POND PKWY	228 TURTLE POND PKWY 224 TURTLE POND PKWY 220 TURTLE POND PKWY 216 TURTLE POND PKWY 211 TURTLE POND PKWY	208 TURTLE POND PKWY 204 TURTLE POND PKWY 200 TURTLE POND PKWY VERNON ST	VERNON ST VERNON ST 15 VERNON ST 17 VERNON ST 21 VERNON 88 TURTLE POND PKWY	84 TURTLE POND PKWY 80 TURTLE POND PKWY 75 TURTLE POND PKWY 72 TURTLE POND PKWY 64 TURTLE POND PKWY 60 TURTLE POND PKWY	30 TURILE POIND PKWY 20 TURILE POIND PKWY 16 TURILE POIND PKWY 40 TURILE POIND PKWY 40 TURILE POIND PKWY ATHERTON AVE FARVIEW AVE	CHARLES 7 FAIRVIEW AVE 16 ALVARADO AVENUE
MURPHY MARTIN J JORDAN TERRY J GRANNUM CONTENT AJEWOLE JOSHUA	BOAZO'S LEPHANIE M ORELLANA CESAR POWERS BRIAN D COMMULTI OF MASS	MICHEL JEAN CLAUDE MONTFLEURY CHARLES MENCEY FILE MENC	HESTER CHARLES B BRYANT MICHELLE A PARKER CHARLOTTE A MASIELLO RICHARD A MUJAAWAR ALI	LAPLANTE FRANK WALSH JAMES J JR TRST MAYNARD CAROL A GENTILE ROBERT	HUGHES BEVERLY A GARRITY ROBERT J FLETCHER PAULINE ANN SANBORN DOLORES M CONLEY KATHERINE M	NEBLETT JILL CONLEY FRANCIS E CONLON DAMIEN GIONE GIOVANNI ETAL CITY OF BOSTON	GINT OF BOSTON GIONE GIOVANNI ETAL GOLDEN PETER J NEAL CHRISTOPHER CHUNG KIN CHING AVALO TONY	BRUZZO BIENVENIDO CASTRO JOSEPH N GUITY JUSTO ETAL PEGUERO ALBA L LUCAS MARIO G JOHNSON MATTHEW R MORENO-DE PORTUGAL YANED P HANN DOROTHY A	MARSHALL MONICA M NEITA MICHAEL G BARRETT CHRISTOPHER M HANN DOROTHY A HANN BOROTHY A COMWLITH OF MASS CITY OF BOSTON	CLIY OF BOSTON SERGI PAUL & IDA BE COLLINS ALISHA R
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### **ATTACHMENT D**

#### **PHOTOGRAPHS**

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts



238 Littleton Road, Suite 105, Westford, MA 01886 Telephone: 978-656-8684 x101

#### ATTACHMENT D: PHOTOGRAPHS

## OLSEN SWIMMING POOL RENOVATIONS AND BAJKO SKATING RINK PARKING LOT IMPROVEMENTS

### STONY BROOK RESERVATION 75 & 95 TURTLE POND PARKWAY BOSTON (HYDE PARK), MASSACHUSETTS 02136



Photo 1 – View (from the North) of Olsen Pool located at 95 Turtle Pond Parkway in Boston (Hyde Park).



Photo 2 – View of the concrete pool deck and the blue pool interior shell as viewed from the northwest.



Photo 3 – View of the pool deck and wall along the southern edge of Olsen Pool, as viewed from the north.



Photo 4 – A close-up view of the interior of the pool bottom at Olsen Pool during an inspection and sampling activity of the site on January 15, 2020.



Photo 5 – View to the northeast of the pool deck where there is a recreational path and a wooden footbridge over the unnamed intermittent stream, as viewed from the south.



Photo 6 – View of the pool shed building to the north of the pool deck, as viewed from the east.



Photo 7 – View of Olsen Pool contained within the fence. The project area will not exceed the boundaries of the fence or deck footprint. As viewed from the northeast.



Photo 8 – View of the edge of the woodlands north of the pool, as viewed from the southeast.



Photo 9 – View of the parking lot next to the picnic area (looking southwest from the bridge near the pool building). Bajko Skating Rink Building is in the background. Stormwater outlet to be installed past the grill in this photo. The unnamed intermittent stream is to the left of the grill.



Photo 10 - Picnic area adjacent to dry, unnamed intermittent stream just east of parking lot.



Photo 11 - Parking lot, in general vicinity of proposed asphalt walk connecting to new concrete sidewalk (23 sf of impact in 25-foot Riverfront Area / Waterfront Area). The Olsen Pool is to the right and Bajko Skating Rink is in the background. The pedestrian bridge and intermittent stream are behind the photographer. Picture looking southwest.



Photo 12: Wetland D is located in the background behind the picnic area. The spray deck is to the right. Photo taken from parking lot looking west/northwest.

### **ATTACHMENT E**

### **DEP STORMWATER CHECKLIST AND STORMWATER REPORT**

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts

### **ATTACHMENT F**

### PROJECT PLANS (BOUND SEPARATELY)

Olsen Swimming Pool Renovations and Bajko Skating Rink Parking Lot Improvements

75 & 95 Turtle Pond Parkway Boston (Hyde Park), Massachusetts

#### STORMWATER MANAGEMENT REPORT

PROJECT SITE:
DCR BAJKO RINK AND OLSEN SWIMMING POOL FACILITY
75 AND 95 TURTLE POND PARKWAY
HYDE PARK (BOSTON), MASSACHUSETTS

PREPARED FOR:
DEPARTMENT OF CONSERVATION AND RECREATION
251 CAUSEWAY STREET
BOSTON, MASSACHUSETTS 02114

#### PREPARED BY:



238 Littleton Road • Westford, Massachusetts 01886

Phone: (978) 656-8684 E-mail: <u>kmchugh@coneco.com</u>

**OCTOBER 2020** 

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APPENDIX A - SAMIOTES JUNE 17, 2020 LETTER

APPENDIX B - LONG TERM POLLUTION PREVENTION PLAN



### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands Program

### **Checklist for Stormwater Report**

#### A. Introduction

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the Massachusetts Stormwater Handbook. The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals. This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8<sup>2</sup>
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

<sup>&</sup>lt;sup>1</sup> The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

<sup>&</sup>lt;sup>2</sup> For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.



#### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands Program

### Checklist for Stormwater Report

### **B. Stormwater Checklist and Certification**

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

*Note:* Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

### **Registered Professional Engineer's Certification**

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature

MCHUGH ENVIRONMENTAL NO. 45198
--------------------------------

Signature and Date 10/29/2020

Checklist

-	ect Type: Is the application for new development, redevelopment, or a mix of new and evelopment?
	New development
<b>V</b>	Redevelopment
	Mix of New Development and Redevelopment



## **Checklist for Stormwater Report**

### Checklist (continued)

env		gn and LID Techniques were considered during the planning and design of
	No disturbance to any Wes	tland Resource Areas
	Site Design Practices (e.g.	clustered development, reduced frontage setbacks)
	Reduced Impervious Area	(Redevelopment Only)
	Minimizing disturbance to	existing trees and shrubs
	LID Site Design Credit Red	quested:
	Credit 1	
	Credit 2	
	Credit 3	
	Use of "country drainage"	versus curb and gutter conveyance and pipe
	Bioretention Cells (include	s Rain Gardens)
	Constructed Stormwater V	Vetlands (includes Gravel Wetlands designs)
	Treebox Filter	
	Water Quality Swale	
	Grass Channel	
	Green Roof	
$\checkmark$	Other (describe):	Construction of infiltration systems
Sta	andard 1: No New Untreate	ed Discharges
	No new untreated discharg	ges
$\square$	Outlets have been designe Commonwealth	ed so there is no erosion or scour to wetlands and waters of the
	Supporting calculations sp	ecified in Volume 3 of the Massachusetts Stormwater Handbook included.



## **Checklist for Stormwater Report**

Cl	necklist (continu	ed)	
Sta	andard 2: Peak Rate	Attenuation	
	and stormwater disc	harge is to a wetland subject to	located in land subject to coastal storm flowage coastal flooding. poding increases during the 100-year 24-hour
Ø	development rates for flooding increases do	or the 2-year and 10-year 24-houring the 100-year 24-hour store	nt peak discharge rates do not exceed pre- ur storms. If evaluation shows that off-site m, calculations are also provided to show that eed pre-development rates for the 100-year 24-
Sta	andard 3: Recharge		
	Soil Analysis provide	ed.	
	Required Recharge	Volume calculation provided.	
	Required Recharge	volume reduced through use of	the LID site Design Credits.
	Sizing the infiltration	, BMPs is based on the followin	g method: Check the method used.
	Static	☐ Simple Dynamic	☐ Dynamic Field <sup>1</sup>
	Runoff from all impe	rvious areas at the site discharç	ging to the infiltration BMP.
		g that the drainage area contrib	scharging to the infiltration BMP and calculations uting runoff to the infiltration BMPs is sufficient to
	Recharge BMPs hav	ve been sized to infiltrate the Re	quired Recharge Volume.
		ve been sized to infiltrate the Rert the following reason:	quired Recharge Volume <i>only</i> to the maximum
	☐ Site is comprised	d solely of C and D soils and/or	bedrock at the land surface
	☐ M.G.L. c. 21E sit	tes pursuant to 310 CMR 40.00	00
	☐ Solid Waste Lan	dfill pursuant to 310 CMR 19.00	00
	Project is otherw practicable.	vise subject to Stormwater Man	agement Standards only to the maximum extent
	Calculations showing	g that the infiltration BMPs will o	Irain in 72 hours are provided.
	Property includes a I	M.G.L. c. 21E site or a solid wa	ste landfill and a mounding analysis is included.

<sup>&</sup>lt;sup>1</sup> 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.



## **Checklist for Stormwater Report**

Cł	necklist (continued)
Sta	andard 3: Recharge (continued)
	The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.
	Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.
Sta	indard 4: Water Quality
The	e Long-Term Pollution Prevention Plan typically includes the following: Good housekeeping practices; Provisions for storing materials and waste products inside or under cover; Vehicle washing controls; Requirements for routine inspections and maintenance of stormwater BMPs; Spill prevention and response plans; Provisions for maintenance of lawns, gardens, and other landscaped areas; Requirements for storage and use of fertilizers, herbicides, and pesticides; Pet waste management provisions; Provisions for operation and management of septic systems; Provisions for solid waste management; Snow disposal and plowing plans relative to Wetland Resource Areas; Winter Road Salt and/or Sand Use and Storage restrictions; Street sweeping schedules; Provisions for prevention of illicit discharges to the stormwater management system; Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL; Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan; List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.
	A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.  Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:
	is within the Zone II or Interim Wellhead Protection Area
	is near or to other critical areas
	is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
	involves runoff from land uses with higher potential pollutant loads.
	The Required Water Quality Volume is reduced through use of the LID site Design Credits.

☐ Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if

applicable, the 44% TSS removal pretreatment requirement, are provided.



## **Checklist for Stormwater Report**

Cł	necklist (continued)
Sta	andard 4: Water Quality (continued)
	The BMP is sized (and calculations provided) based on:
	The ½" or 1" Water Quality Volume or
	☐ The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.
	The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.
	A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided.
Sta	ndard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)
	The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.  The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted <i>prior</i> to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land use and the SWPPP will be submitted to the land us
	to the discharge of stormwater to the post-construction stormwater BMPs.  The NRDES Multi-Sector Concret Permit does not sever the land use.
Ш	The NPDES Multi-Sector General Permit does <i>not</i> cover the land use.
	LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.
	All exposure has been eliminated.
	All exposure has <i>not</i> been eliminated and all BMPs selected are on MassDEP LUHPPL list.
	The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.
Sta	andard 6: Critical Areas
	The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.
	Critical areas and BMPs are identified in the Stormwater Report.



#### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands Program

### **Checklist for Stormwater Report**

### Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a: Limited Project Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area. Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff ☐ Bike Path and/or Foot Path ▼ Redevelopment Project Redevelopment portion of mix of new and redevelopment. Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report. The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment

#### Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b)

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information:

- Narrative;
- Construction Period Operation and Maintenance Plan;
- Names of Persons or Entity Responsible for Plan Compliance;
- Construction Period Pollution Prevention Measures:
- Erosion and Sedimentation Control Plan Drawings;
- Detail drawings and specifications for erosion control BMPs, including sizing calculations;
- Vegetation Planning;
- Site Development Plan;

improves existing conditions.

- Construction Sequencing Plan;
- Sequencing of Erosion and Sedimentation Controls;
- Operation and Maintenance of Erosion and Sedimentation Controls;
- Inspection Schedule;
- Maintenance Schedule;
- Inspection and Maintenance Log Form.

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.



### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands Program

### **Checklist for Stormwater Report**

Checklist (continued) Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued) The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has not been included in the Stormwater Report but will be submitted **before** land disturbance begins. ☐ The project is **not** covered by a NPDES Construction General Permit. The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report. The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted BEFORE land disturbance begins. Standard 9: Operation and Maintenance Plan The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information: ✓ Name of the stormwater management system owners; ✓ Party responsible for operation and maintenance; Schedule for implementation of routine and non-routine maintenance tasks; Plan showing the location of all stormwater BMPs maintenance access areas; Description and delineation of public safety features; Estimated operation and maintenance budget; and Operation and Maintenance Log Form. The responsible party is **not** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions: A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs; A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions. Standard 10: Prohibition of Illicit Discharges The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges; An Illicit Discharge Compliance Statement is attached; (Standard 10 of the Stormwater Management Report) NO Illicit Discharge Compliance Statement is attached but will be submitted *prior to* the discharge of

any stormwater to post-construction BMPs.

#### INTRODUCTION

Coneco Engineers & Scientists, Incorporated (Coneco) has prepared this Stormwater Management Report to document the proposed Bajko Parking Lot and Olsen Swimming Pool improvements project's compliance with the Stormwater Management Standards. This multipurpose Department of Conservation and Recreation (DCR) facility is extremely well used throughout all seasons, with the swimming pool, spray deck, playground and picnic areas heavily used throughout the summer months, and the Bajko Rink consistently used throughout the cool weather months. DCR recently completed upgrades to the Bajko Rink building, and with the advanced age of the swimming pool, the Department is now seeking to modernize the pool and its associated utilities to improve its operation. For this project, improvements to the swimming pool are limited to the already disturbed footprint of the pool (i.e., the pool shell, surrounding concrete deck and the addition of new amenities within the existing pool area.

The planned parking lot improvements are a continuation of the work that was performed at the Rink Building. The need for resurfacing of the parking lot was identified during the design of the rink improvements, and as a condition of approval, the Boston Water and Sewer Commission (BWSC) required that stormwater infiltration systems be added to the parking lot project for the management of collected stormwater. The proposed stormwater infiltration systems have been designed to accommodate the collected stormwater runoff from the parking lot during a 1-inch storm event.

The proposed project includes only a minor increase in impervious surface due to the addition of a five space DCR employee parking area at the northwestern corner of the rink building. However, due to the addition of the proposed stormwater infiltration systems, the completed project will result in an approximately 60% decrease in peak flow during a 25-year storm event.

When complete, the project will provide a modernized swimming pool facility along with a resurfaced parking lot with included stormwater infiltration.

### **EXISTING CONDITIONS**

Under existing conditions, stormwater that collects on the existing impervious parking lot is managed through a combination of surface flow toward the northern corner of the parking area, catch basins within the access drive that connect to the drainage system in Turtle Pond Parkway and infiltration basins that collect and discharge stormwater that collects on portions of the rink roof.

Within the swimming pool area, stormwater that lands on the pool deck and other associated impervious surfaces travels by sheet flow to adjacent grass areas. Based on a review of available historic plans for the pool area and numerous site visits, it appears that limited stormwater collection systems exist in the pool area.

### PROPOSED CONDITIONS

The proposed redeveloped parking area would provide a significant reduction in stormwater runoff volume and improve stormwater quality through the recharge of stormwater that collects on the new parking area, while at the pool portion of the facility, stormwater management would remain essentially unchanged between existing and proposed conditions.

As shown on the parking area plans, all stormwater that collects on the paved parking area would be collected in a series of catch basins that will discharge to infiltration systems that will be constructed beneath the parking lot. According to information provided by the parking lot designer, the infiltration systems will reduce the peak rate of runoff by approximately 60% during the 25-year storm event. A copy of a letter by the designer that discusses the infiltration systems is attached in Appendix A. It is important to note that the design of the stormwater infiltration systems as a part of the parking lot improvements was a condition of the approval for the ice rink improvements imposed by the Boston Water and Sewer Commission.

Within the pool area, stormwater management will remain essentially unchanged when comparing the existing and proposed conditions. Collected stormwater on the pool deck would flow by sheet flow toward the perimeter. A new trench drain would be installed in the deck between the pool and the bath house so that the new concrete deck can be constructed to meet the Americans with Disabilities Act (ADA) cross slope requirements, but the limited flow that would be collected would be discharged to the surface just beyond the northern edge of the pool where the collected stormwater would infiltrate into the ground.

### STORMWATER MANAGEMENT STANDARDS REVIEW

As part of this drainage analysis, Coneco has performed an in-depth review of the subject site for conformance with the Massachusetts Department of Environmental Protection's Stormwater Management Standards. The project is considered a redevelopment project (as defined in Standard 7) and is therefore required to meet the following Stormwater Management Standards only to the maximum extent practicable: Standard 2, Standard 3, and the pretreatment and structural best management practice requirements of Standards 4, 5 and 6. Existing stormwater discharges shall comply with Standard 1 only to the maximum extent practicable and a redevelopment project shall comply with all other requirements of the Stormwater Management Standards and improve existing conditions. The following is a summary of our findings relative to our review of each of the standards. Please note that the actual text of each standard is italicized for clarity.

STANDARD 1: No new stormwater conveyances (e.g. outfalls) may discharge untreated stormwater directly to or cause erosion in wetlands or waters of the Commonwealth.

The proposed new parking lot stormwater management system includes the construction of a series of infiltration systems beneath the parking area that are designed to accommodate the 1-inch storm event. Overflow from the larger infiltration system within the main parking lot will be through a drywell overflow located beyond the northern edge of the parking area. A stone rip rap basin will be included around the drywell to prevent scouring.

The overflow from the infiltration system for the small employee parking area will be to an existing municipal storm drain system.

Within the swimming pool area, one outfall is being added to discharge stormwater that is collected within a new trench drain that is proposed to within a limited portion of the proposed new pool deck. This new outfall will discharge to an area just beyond the northern edge of the deck. The trench drain is necessary

to ensure that the new deck meets the slope requirements of the American with Disabilities Act (ADA) and the Massachusetts Swimming pool Regulations (105 CMR 435.00). The new outfall will <u>not</u> discharge directly to, or cause erosion in a wetland or waters of the Commonwealth. Collected stormwater will flow from the outfall to the ground surface outside of the delineated wetland limit. A small area of stone will be placed at the outfall to dissipate energy and protect against erosion at the outfall.

STANDARD 2: Stormwater management systems shall be designed so that post-development peak discharge rates do not exceed pre-development peak discharge rates. This Standard may be waived for discharges to land subject to coastal storm flowage as defined in 310 CMR 10.04.

Through the addition of the proposed infiltration systems, it is estimated that the peak runoff from the parking lot during the 25-year design storm will be 60% less than the current discharge rates. At the swimming pool, no changes to the area of impervious surfaces are planned so the pre- and post-development runoff rates are expected to remain the same. Drainage and infiltration calculations for the parking lot improvements are attached in Appendix A.

STANDARD 3: Loss of annual recharge to groundwater shall be eliminated or minimized through the use of infiltration measures including environmentally sensitive site design, low impact development techniques, stormwater best management practices, and good operation and maintenance. At a minimum, the annual recharge from the post-development site shall approximate the annual recharge from pre-development conditions based on soil type. This Standard is met when the stormwater management system is designed to infiltrate the required recharge volume as determined in accordance with the Massachusetts Stormwater Handbook.

See Standard 2 above.

STANDARD 4: Stormwater management systems shall be designed to remove 80% of the average annual post-construction load of Total Suspended Solids (TSS). This Standard is met when:

- a) Suitable practices for source control and pollution prevention are identified in a long-term pollution prevention plan, and thereafter are implemented and maintained;
- b) Structural stormwater best management practices are sized to capture the required water quality volume determined in accordance with the Massachusetts Stormwater Handbook; and
- c) Pretreatment is provided in accordance with the Massachusetts Stormwater Handbook.

No direct stormwater discharges are proposed for the project. All stormwater that collects within the parking area will pass to infiltration systems that will be constructed. This includes stormwater that collects on the proposed small DCR staff parking area. Stormwater from that area will discharge to a separate infiltration system that will be installed specifically to infiltrate stormwater from that location.

Due to the nature of the activities, high levels of total suspended solids are not generated within the enclosed swimming pool area. The only stormwater management system planned for inclusion in the pool upgrades is the addition of the trench drain that was discussed previously. That drain will collect stormwater from a limited area of the concrete pool deck and it is not expected to collect a significant quantity of suspended solids.

STANDARD 5: For land uses with higher potential pollutant loads, source control and pollution prevention shall be implemented in accordance with the Massachusetts Stormwater Handbook to

eliminate or reduce the discharge of stormwater runoff from such land uses to the maximum extent practicable. If through source control and/or pollution prevention all land uses with higher potential pollutant loads cannot be completely protected from exposure to rain, snow, snow melt, and stormwater runoff, the proponent shall use the specific structural stormwater BMPs determined by the Department to be suitable for such uses as provided in the Massachusetts Stormwater Handbook. Stormwater discharges from land uses with higher potential pollutant loads shall also comply with the requirements of the Massachusetts Clean Waters Act, M.G.L. c. 21, §§ 26-53 and the regulations promulgated thereunder at 314 CMR 3.00, 314 CMR 4.00 and 314 CMR 5.00.

The project site is not a land use with higher potential pollutant loads, per the regulation. According to the Massachusetts Stormwater Handbook, Land Uses with Higher Potential Pollutant Loads (LUHPPL) are those that are not suitable to be located within Zone 2s or Zone As of public water supplies; industrial sectors regulated by the NPDES Multi-Sector General Permit Program; land uses that are regulated by an individual NPDES permit; exterior fleet storage areas; exterior vehicle service maintenance and cleaning areas; marinas and boatyards; parking lots with high-intensity-uses (1000 vehicle trips per day or more); etc. The project location does not fall into any of these categories.

STANDARD 6: Stormwater discharges within the Zone II or Interim Wellhead Protection Area of a public water supply, and stormwater discharges near or to any other critical area, require the use of the specific source control and pollution prevention measures and the specific structural stormwater best management practices determined by the Department to be suitable for managing discharges to such areas, as provided in the Massachusetts Stormwater Handbook. A discharge is near a critical area if there is a strong likelihood of a significant impact occurring to said area, taking into account site-specific factors. Stormwater discharges to Outstanding Resource Waters and Special Resource Waters shall be removed and set back from the receiving water or wetland and receive the highest and best practical method of treatment. A "storm water discharge" as defined in 314 CMR 3.04(2)(a)1 or (b) to an Outstanding Resource Water or Special Resource Water shall comply with 314 CMR 3.00 and 314 CMR 4.00. Stormwater discharges to a Zone I or Zone A are prohibited unless essential to the operation of a public water supply.

The project site is not within the Zone II or Interim Wellhead Protection Area of a public water supply.

STANDARD 7: A redevelopment project is required to meet the following Stormwater Management Standards only to the maximum extent practicable: Standard 2, Standard 3, and the pretreatment and structural best management practice requirements of Standards 4, 5, and 6. Existing stormwater discharges shall comply with Standard 1 only to the maximum extent practicable. A redevelopment project shall also comply with all other requirements of the Stormwater Management Standards and improve existing conditions.

The project involves redevelopment of an existing site. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook is included after the Table of Contents within the body of this report. The proposed stormwater management system complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable.

STANDARD 8: A plan to control construction-related impacts including erosion, sedimentation and other pollutant sources during construction and land disturbance activities (construction period erosion, sedimentation, and pollution prevention plan) shall be developed and implemented.

The notes sheets and layout sheets of the project plans include specific erosion control provisions that the contractor will be required to comply with throughout the project. These provisions include the installation

of straw wattle dikes at all catchbasins, covering of all stockpiles and the installation of controls to enclose all stockpiles, and routine inspection requirements.

The construction contractor will be requited to prepare and implement a Stormwater Pollution Prevention Plan for the parking lot improvements portion of the project.

STANDARD 9: A long-term operation and maintenance plan shall be developed and implemented to ensure that stormwater management systems function as designed.

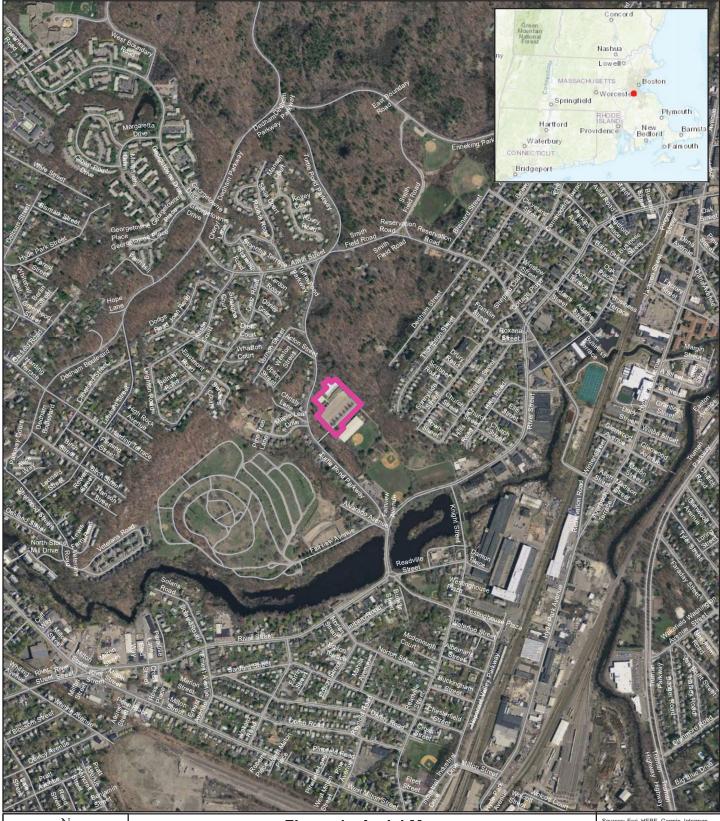
The stormwater management systems that are proposed for construction at the site will not require extensive operation and maintenance activities. Onsite catchbasins will be inspected at the start of each season to ensure that sediments have not collected within the sump and the sump will be cleaned as necessary.

STANDARD 10: All illicit discharges to the stormwater management system are prohibited.

To our knowledge, no illicit discharges are made to the stormwater management system.

### FIGURE 1

**Aerial Map** 



## 0 500 1,000 Feet 1:12,000

# Figure 1: Aerial Map OLSEN POOL RECONSTRUCTION MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

95 Turtle Pond Parkway Boston, Massachusetts

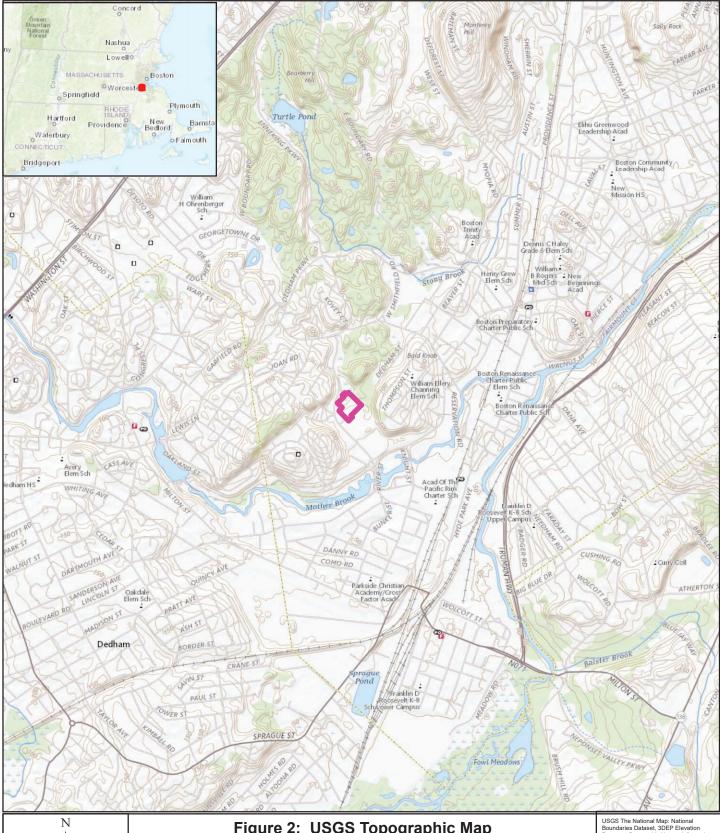
Lat. 42.2504, Long. -71.1385

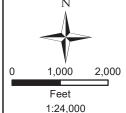
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community USGS, MassGIS



# FIGURE 2

**USGS Topographic Map** 





#### Figure 2: USGS Topographic Map

#### **BAJKO RINK AND OLSEN SWIMMING POOL FACILITY** MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Hyde Park (Boston), Massachusetts Lat. 42.2504, Long. -71.1385

Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and

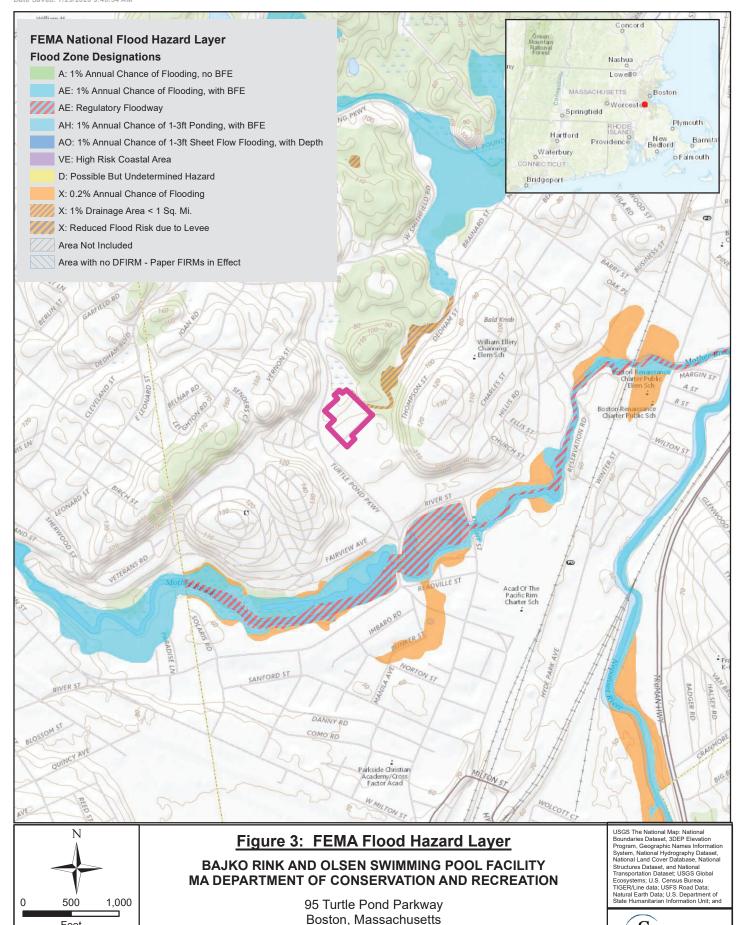


## FIGURE 3

Firm Flood Map

Feet

1:12,000



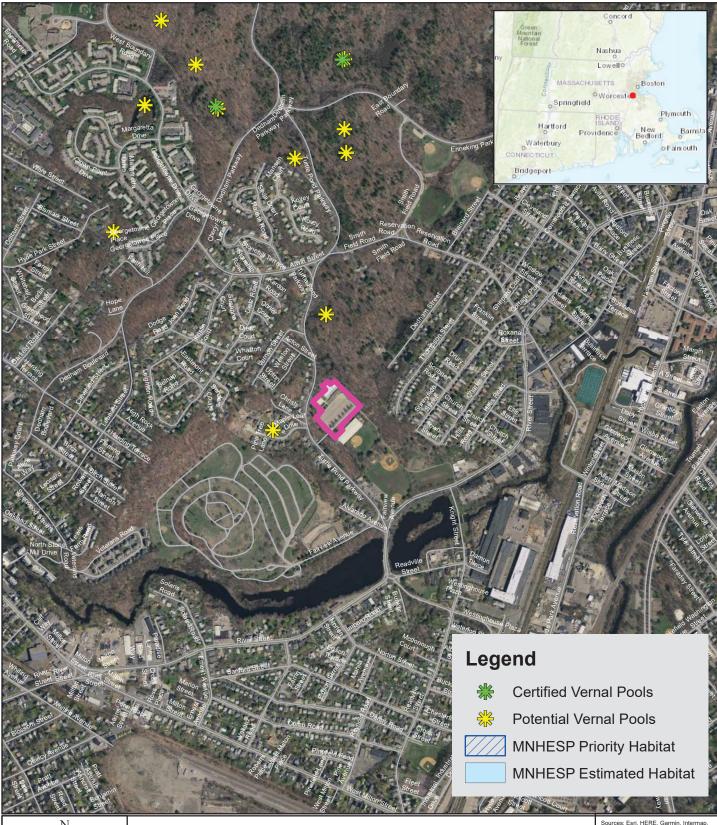
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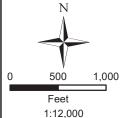
CONECO

Engineers & Scientists

# FIGURE 4

**NHESP MAP** 





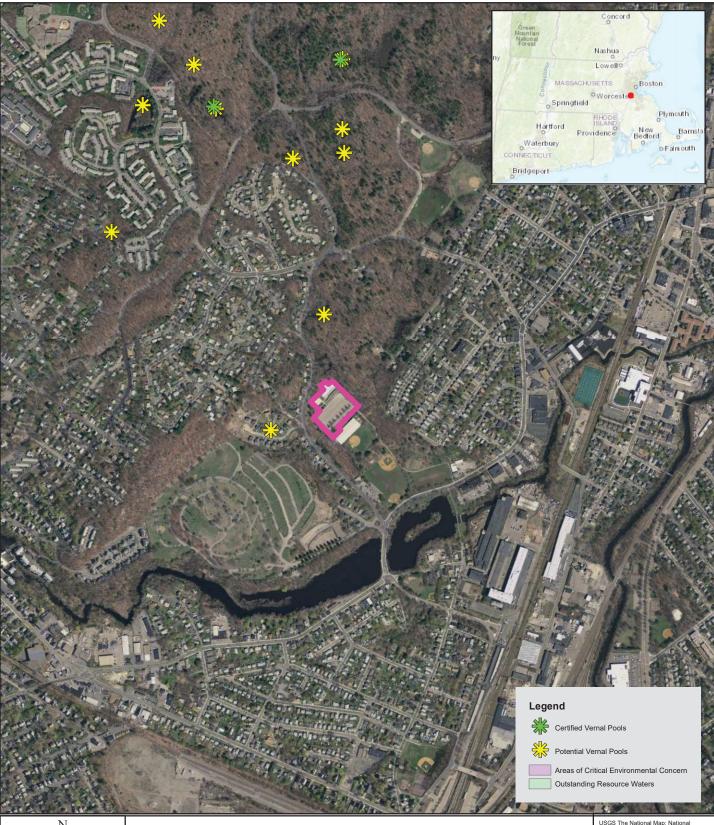
# Figure 4: MA Natural Heritage Habitat Map BAJKO RINK AND OLSEN SWIMMING POOL FACILITY MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Hyde Park (Boston), Massachusetts Lat. 42.2504, Long. -71.1385 Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NI., Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community USGS, MassGIS



## FIGURE 5

**ACEC and Critical Areas** 



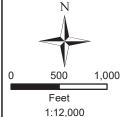


Figure 5: Critical Areas (ACECs, ORWs, & Vernal Pools)

BAJKO RINK AND OLSEN SWIMMING POOL FACILITY MA DEPARTMENT OF CONSERVATION AND RECREATION

75 & 95 Turtle Pond Parkway Hyde Park (Boston), Massachusetts Lat. 42.2504, Long. -71.1385 USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographio Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset, USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and



## **APPENDIX A**

**SAMIOTES JUNE 17, 2020 LETTER** 

June 17, 2020 Boston Water and Sewer Commission 980 Harrison Avenue Roxbury, MA 02119-2540



Attn.: Mr. Luis A. Melara SCI#: 16118.02

Re: 75 Turtle Pond Parkway, Hyde Park, MA

Bajko Rink, Hyde Park Account No.: 569764000

#### Dear Luis,

This letter is to inform you of the proposed construction for 75 Turtle Pond Parkway located in Hyde Park. The project entails the construction of a new ADA accessible ramp entrance for the Olsen Memorial Pool building, as well as repaving the parking lot and adding ADA accessible walkways within the parking area to facilitate access from the Rink to the Pool and throughout the site.

#### Sanitary Sewer

The proposed work includes replacing an existing 6" PVC Clay pipe with 193 If of 6" PVC SDR 35 pipe. The 6" sewer line will connect between existing BWSC sewer manhole structures on the private drive that serves the ice rink.

#### Stormwater

Infiltration System #1 has included the design elements to fulfill the letter of commitment originating from the building addition BWSC submission dated 5-16-19.

The proposed work includes the installation of four deep-sump catch basins along the northern perimeter of the parking lot. These four catch basins as well as the roof drain from the new addition will flow into the proposed Infiltration System #1, which consists of 216 Stormtech MC-4500 chambers, and an isolator row for TSS removal.

Infiltration system #1, outlets via a drywell overflow located north of the parking lot within vegetated area. A stone rip-rap basin surrounds the drywell overflow grate to prevent scouring. Storage for the 1" storm for the proposed sites total impervious area (111,841 sf) is provided within infiltration system #1.

111,841 sf x 1" (1'/12") = 9,317 cf Storage under the outlet = 26,467 cf

A second infiltration system (Infiltration System #2) at the proposed staff parking lot at the west end of the building will treat and contain stormwater runoff for that proposed added impervious area for the small parking lot. This infiltration system consists of 4 Stormtech MC-4500 chambers, and collects runoff through a proposed catch basin in the new parking lot. From there it discharges in peak runoff events to the municipal drain system in Turtle Pond parkway through the existing 12" RCP drain on site, via an existing drain manhole in the entrance driveway.

Please see the attached hydrocad report and plan for calculations.

As shown in Table A, there is a reduction in peak flow.

Table A – POA Peak Rates of Runoff				
2-year storm 25-year storm 100-year storm				
Existing	10.07	19.39	26.26	
Proposed	3.57	7.69	10.52	

We are enclosing one copy of the plans for you to review. We will submit the final 5 copies and CAD file once you have approved the plan. If you have any questions, or require further information, please do not hesitate to call me at (617)-388-1611 or Stephen Garvin, PE (ext. 13) at (508) 877-6688.

Sincerely, Jeffrey Pilat Project Engineer

Enc.

cc: Thomas A. Scarlata, CSI, CCS, CCCA, AIA, Principal bh+a

#### Samiotes Consultants, Inc.

Civil Engineers + Land Surveyors

20 A Street Framingham, MA 01701-4102

**T** 508.877.6688 **F** 508.877.8349 www.samiotes.com

#### **APPENDIX B**

#### LONG TERM POLLUTION PREVENTION PLAN - REQUIRED BY STANDARDS 4-6

#### LONG TERM POLLUTION PREVENTION PLAN

To keep the Stormwater Management System (SMS) functioning properly and to ensure that the stormwater Total Suspended Solids (TSS) are reduced, a long term pollution prevention is required. The owner/operator of the facility is responsible for the adherence to this long term plan. The following is a guideline of the specific requirements of the plan to maintain the long term viability of the stormwater management system.

The Stormwater Pollution Prevention Plan for the site addresses many of the items in the Long Term Pollution Prevention Plan.

#### Good Housekeeping Practices

Fluids and chemicals such as oil, antifreeze, etc are not typically needed and shall not typically be stored at the site. However, as part of annual training, DCR operations staff employees are regularly trained on the importance of material handling and cleanup requirements if these types of materials should be spilled at a DCR recreation facility.

#### Provisions for Storing Materials and Waste Products Inside or Under Cover

Liquid waste products, if present at the site, will be stored inside of a building or under cover.

#### Vehicle washing controls;

No vehicle washing shall be conducted within the project site.

#### Requirements for routine inspections and maintenance of stormwater BMPs;

BMPs shall be inspected prior to the start of each operational season and maintained as necessary to ensure their proper function.

#### Spill prevention and response plans;

<u>First responders</u>	Phone Numbers
Fire Department	911 if emergency
Police Department	911 if emergency
<ul> <li>Mass Department of Environmental Protection</li> </ul>	
Emergency Response	1-888-304-1133

#### Requirements for storage and use of fertilizers, herbicides, and pesticides;

Fertilizers shall not be used within 100 feet of the wetland resource areas or 200 feet of a riverfront area. Excess fertilizers shall be swept up from all impervious surfaces and not allowed to run into the drainage system.

All fertilizer, herbicides, and pesticides shall be stored at least 100 feet away from the wetland line. If stored on site, these materials should be kept in a wrapped or sealed container, and kept under cover out of the rain and snow.

#### Pet waste management provisions;

Since the site is a public park, pet wastes are removed and properly disposed immediately when they are detected.

#### Provisions for solid waste management;

Waste receptacles are located within the project site and at surrounding locations. They are regularly emptied by DCR maintenance personnel.

Snow disposal and plowing plans relative to Wetland Resource Areas;

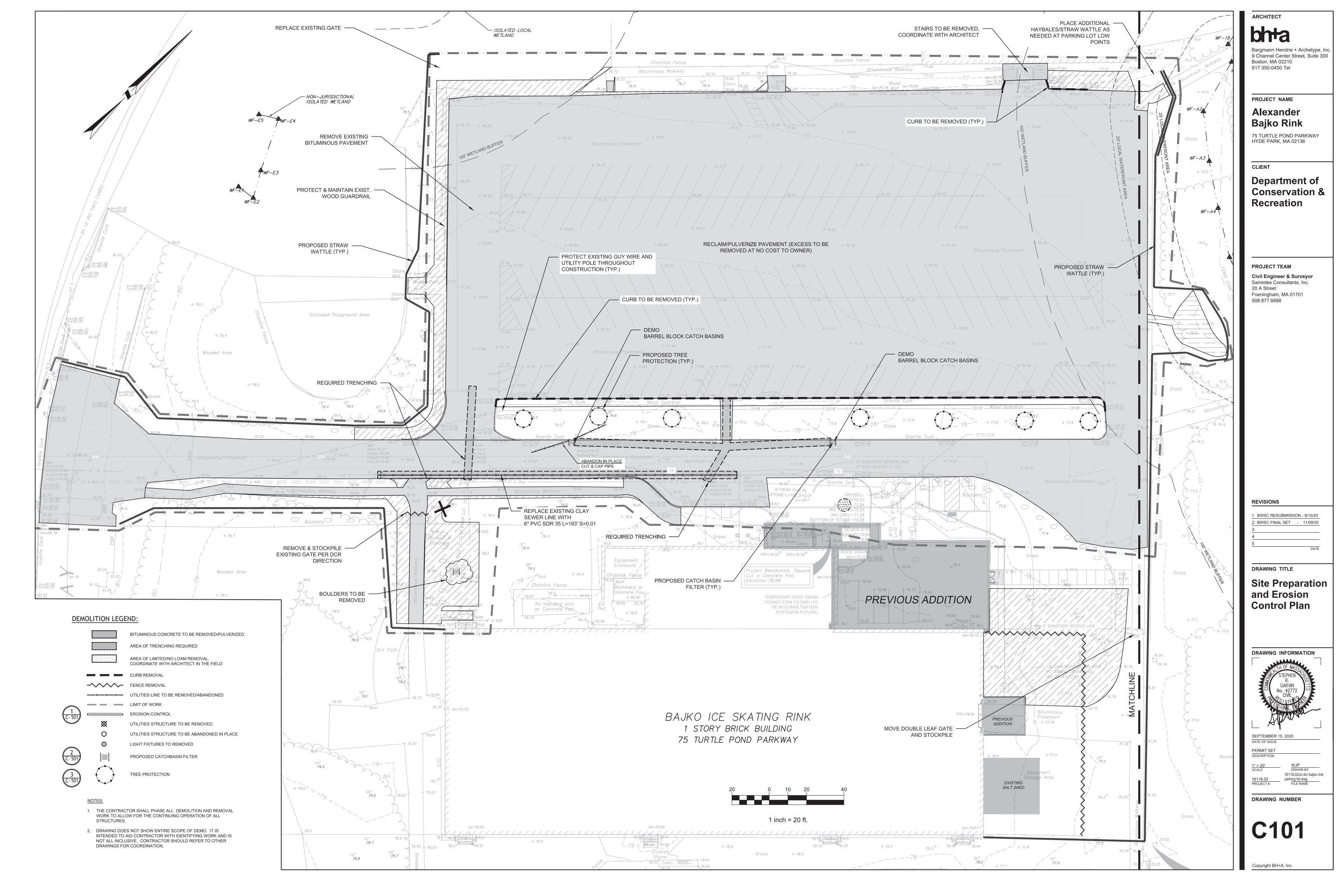
Plowed snow will not be stored within 100-feet of a resource area.

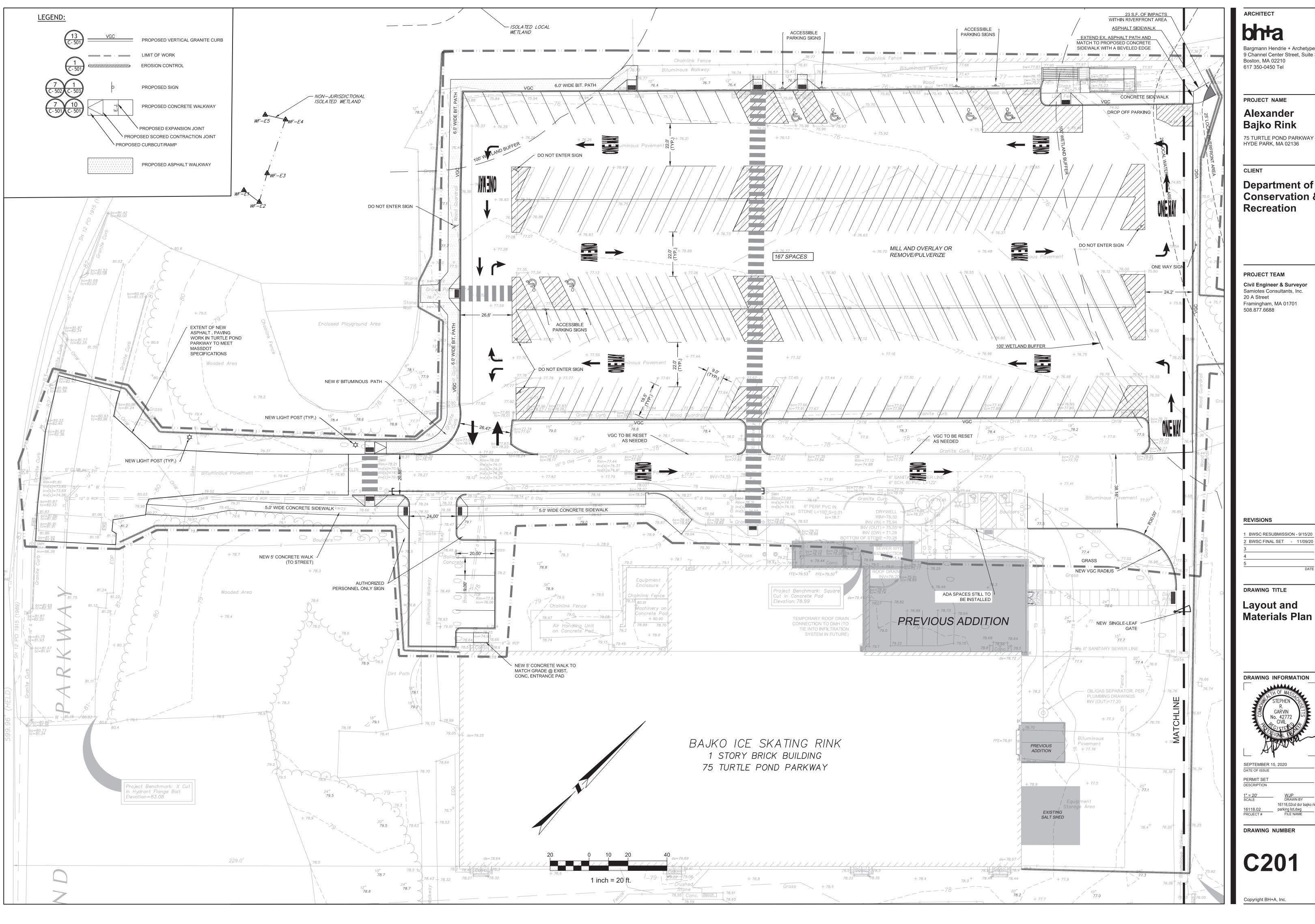
Winter Road Salt and/or Sand Use and Storage restrictions

Road salt shall not be used on this site.

Street sweeping schedules:

The project site is a public park area. Parking lots are swept on an as-needed basis.





Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300

**Alexander** Bajko Rink

Department of Conservation & Recreation

Civil Engineer & Surveyor Samiotes Consultants, Inc. Framingham, MA 01701

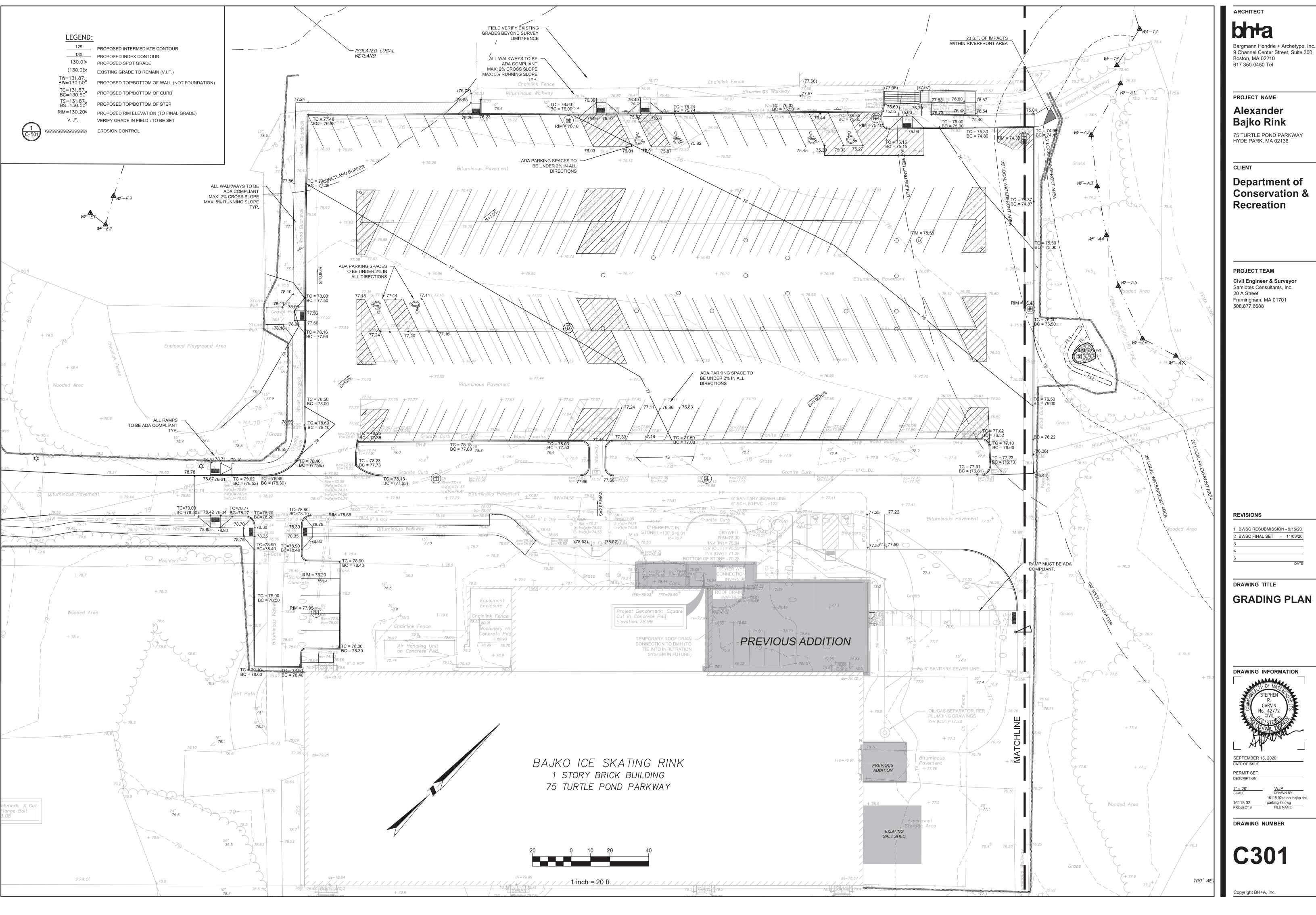
> BWSC RESUBMISSION - 9/15/20 2 BWSC FINAL SET - 11/09/20

**Materials Plan** 

DRAWING INFORMATION

16118,02cd dcr bajko rink

DRAWING NUMBER



Department of Conservation &

Civil Engineer & Surveyor Samiotes Consultants, Inc. Framingham, MA 01701

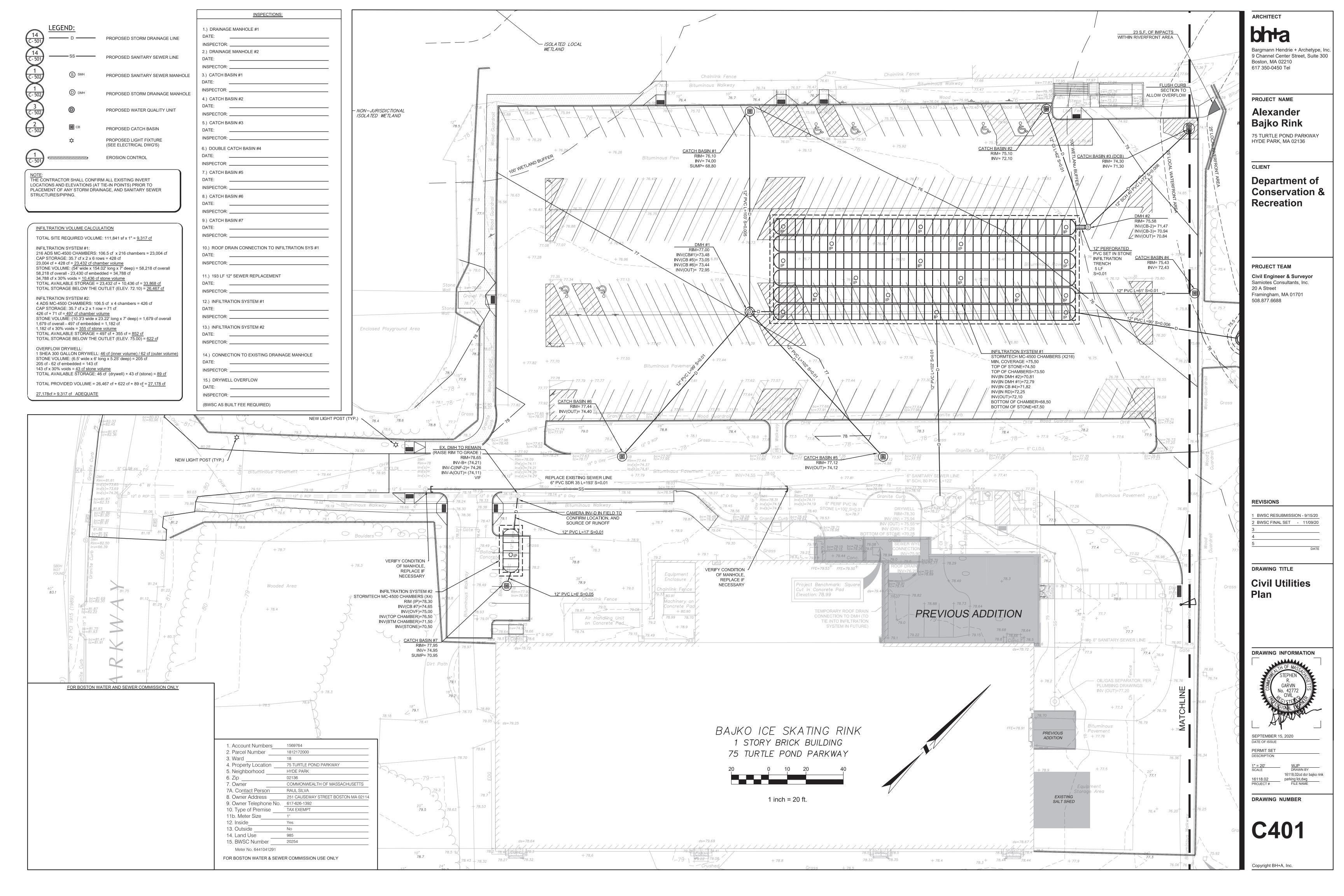
2 BWSC FINAL SET - 11/09/20

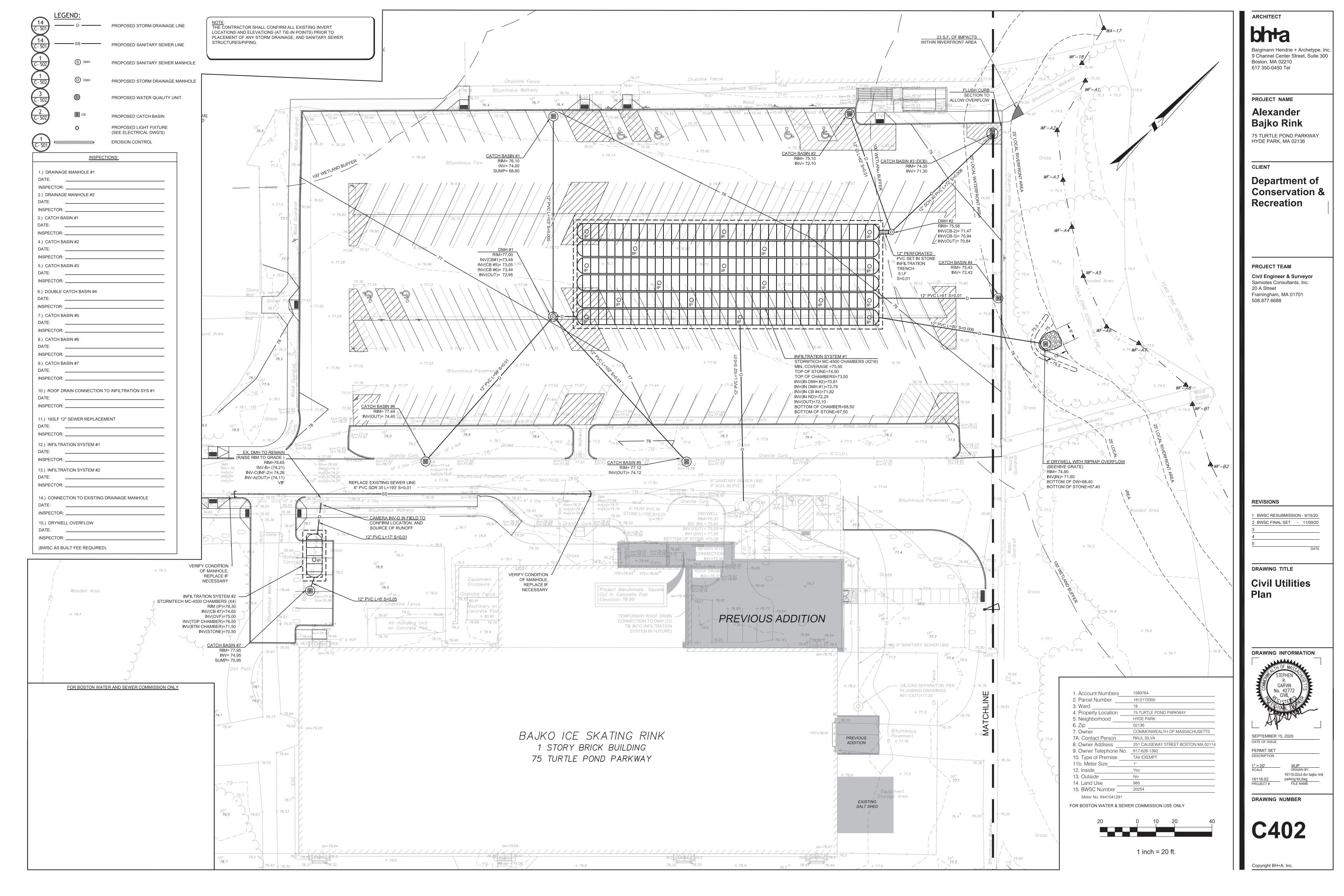
**GRADING PLAN** 

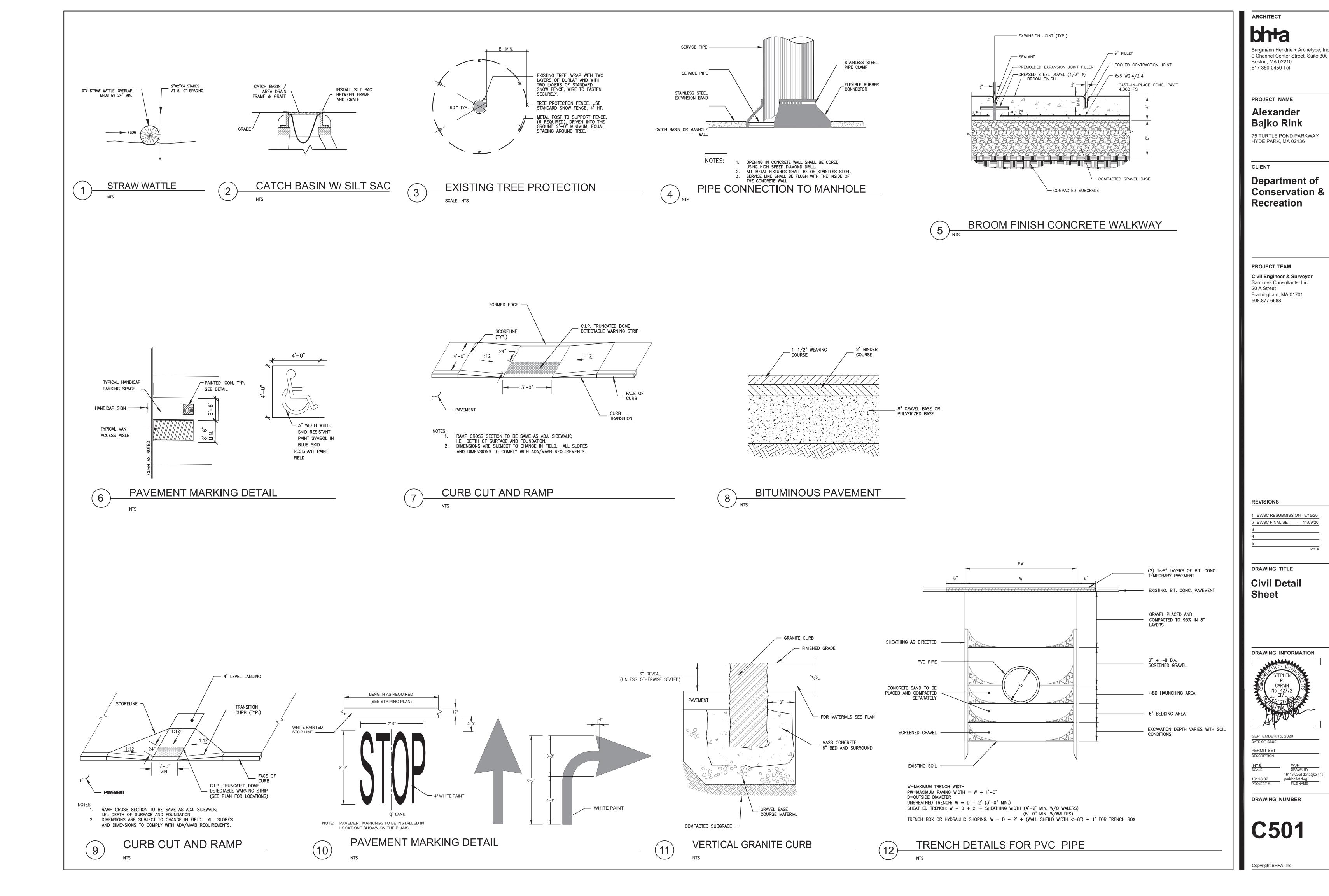
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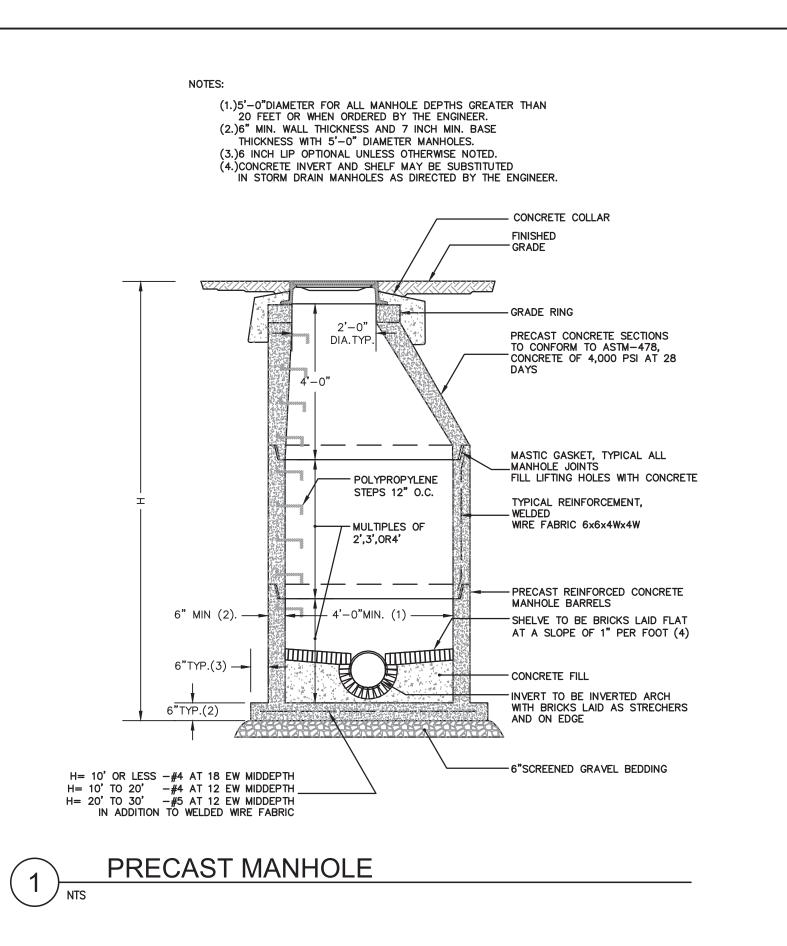


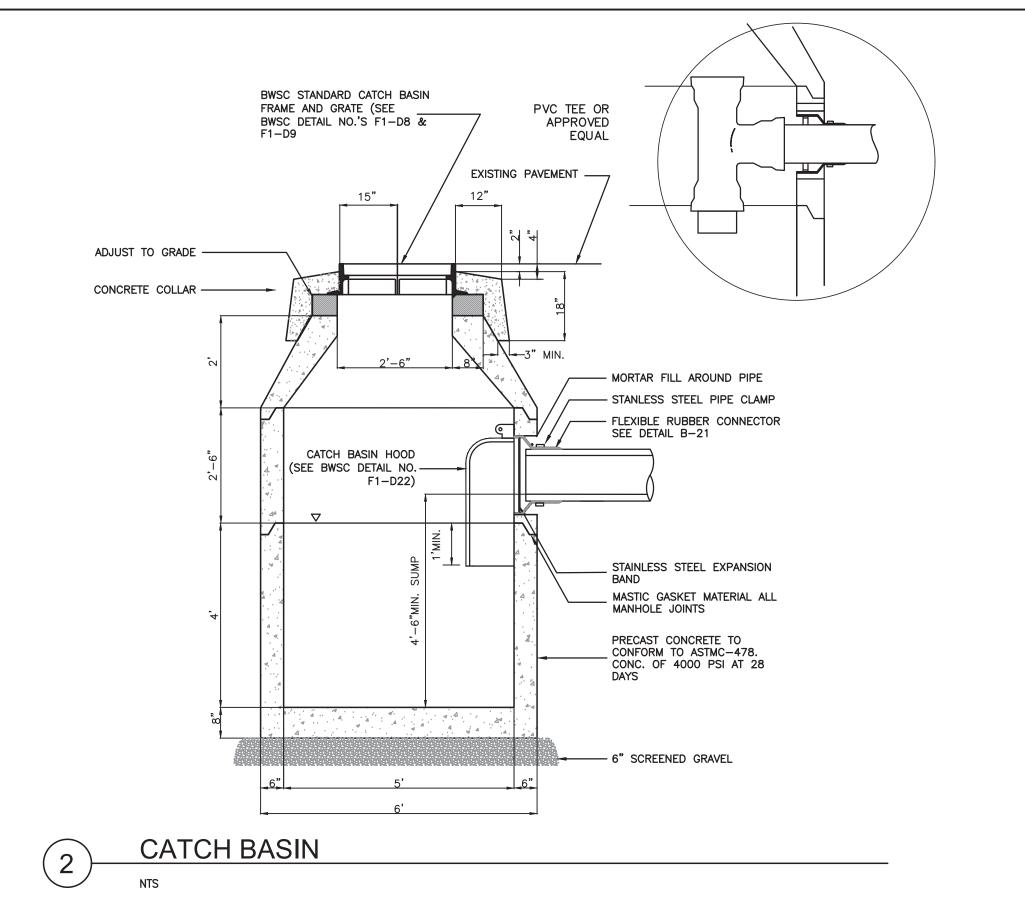
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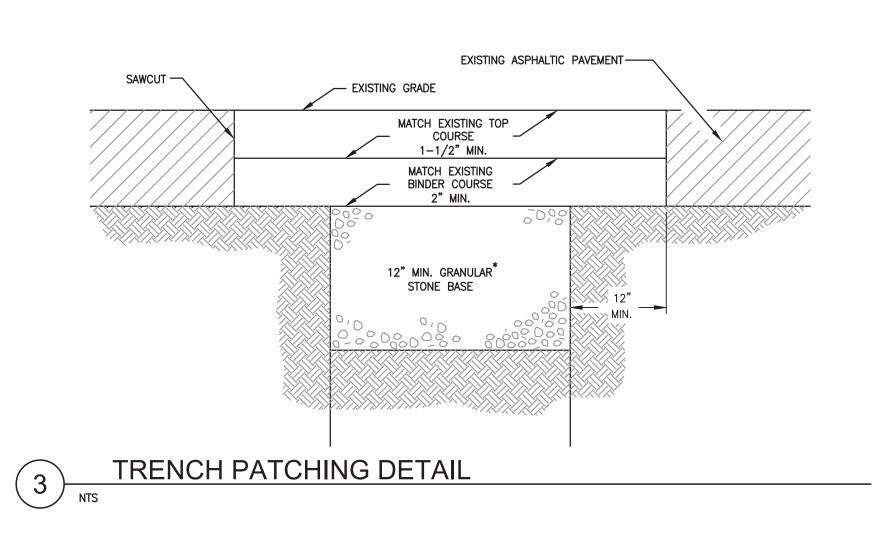


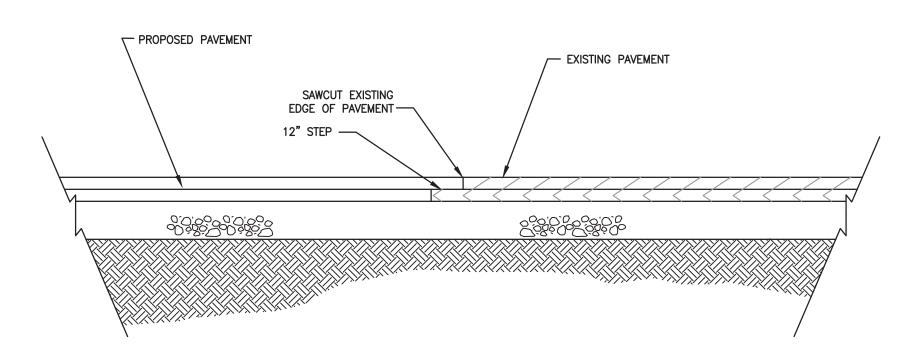




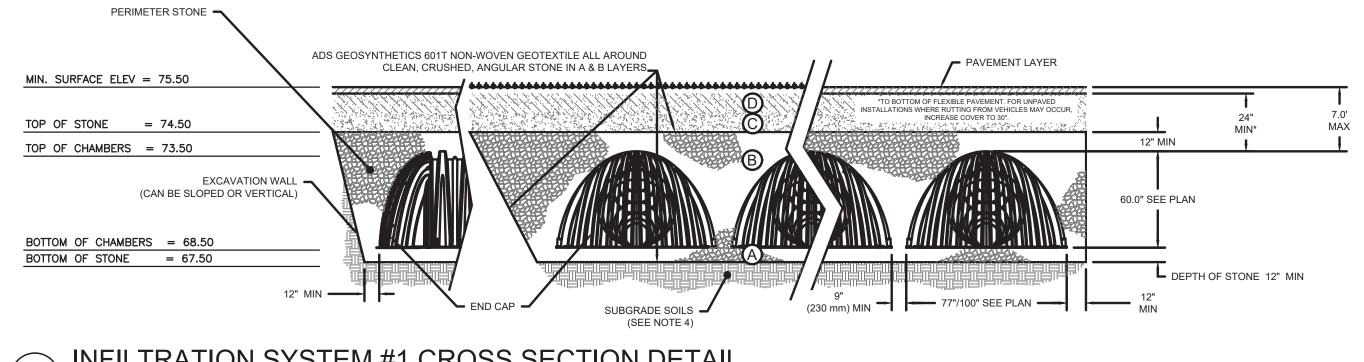




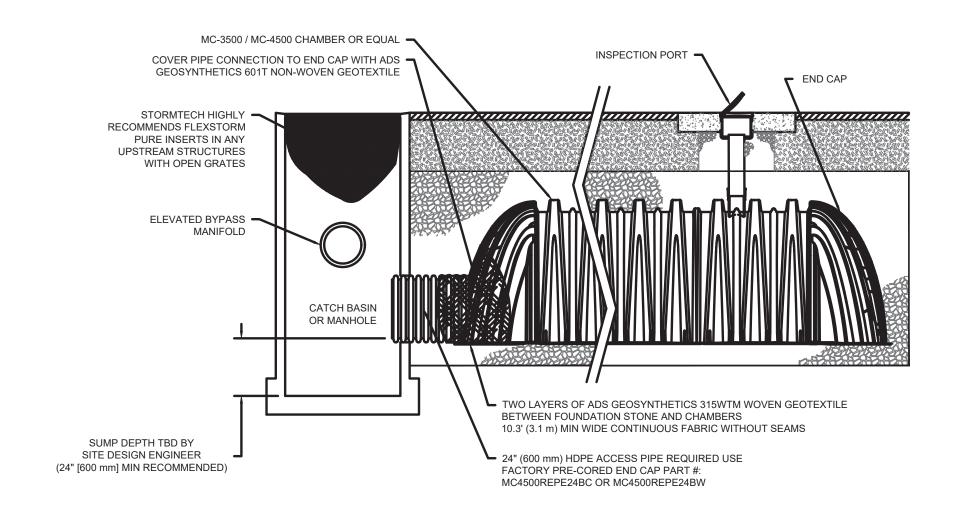




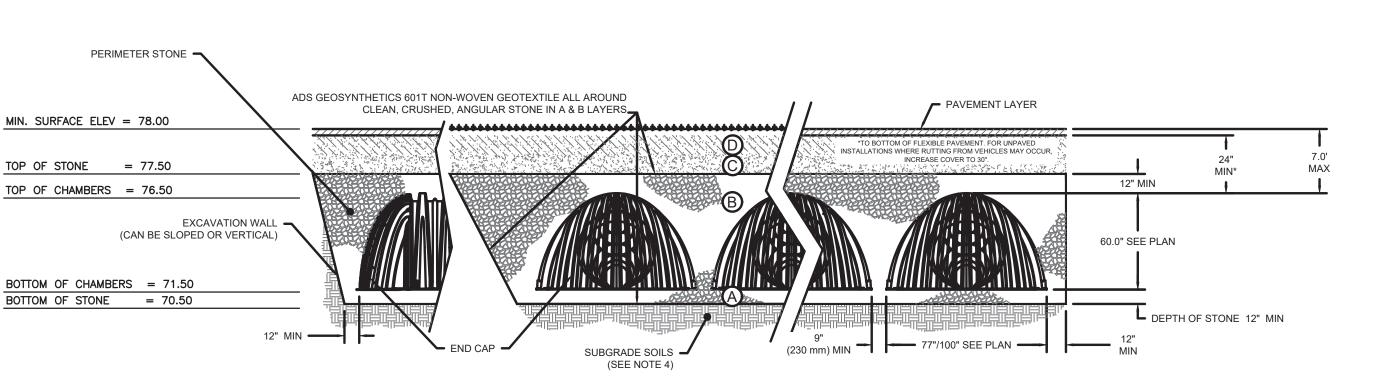




INFILTRATION SYSTEM #1 CROSS SECTION DETAIL







7 INFILTRATION SYSTEM #2 CROSS SECTION DETAIL

ARCHITECT

Bargmann Hendrie + Archetype, Inc 9 Channel Center Street, Suite 300 Boston, MA 02210 617 350-0450 Tel

PROJECT NAME

Alexander

75 TURTLE POND PARKWAY HYDE PARK, MA 02136

Bajko Rink

CLIENT

Department of Conservation & Recreation

PROJECT TEAM Civil Engineer & Surveyor Samiotes Consultants, Inc. 20 A Street Framingham, MA 01701

508.877.6688

**REVISIONS** 

BWSC RESUBMISSION - 9/15/20 BWSC FINAL SET - 11/09/20

DRAWING TITLE

Civil Detail Sheet

DRAWING INFORMATION

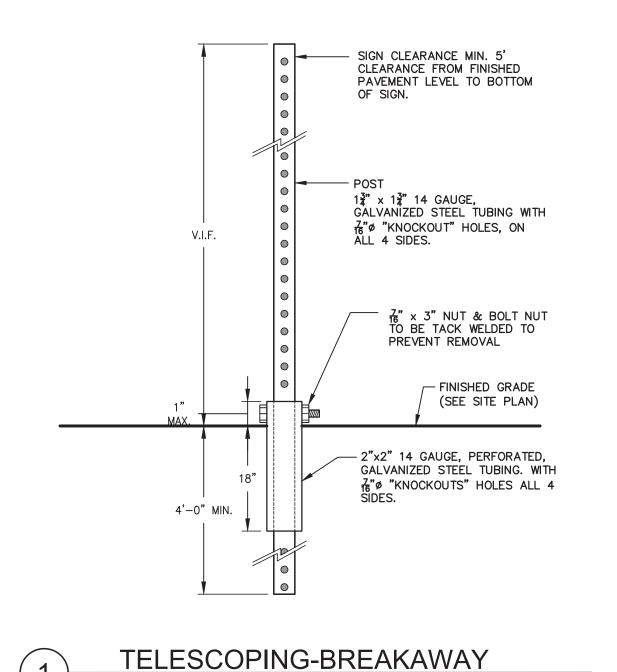
DATE OF ISSUE PERMIT SET DESCRIPTION

16118,02cd dcr bajko rink

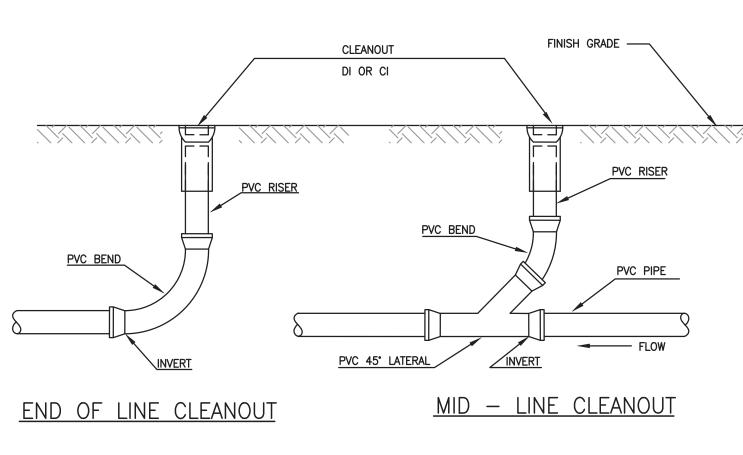
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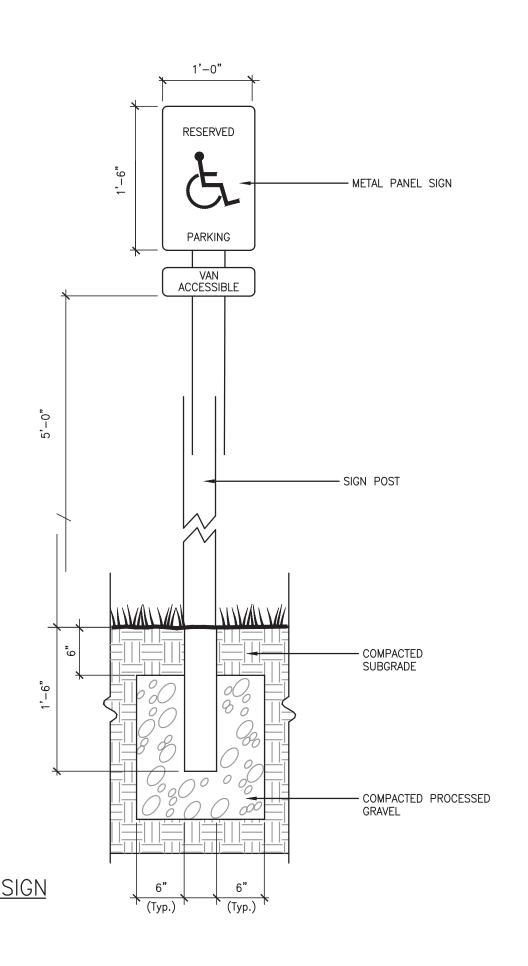
Copyright BH+A, Inc.



TRAFFIC SIGN POST



2 CLEANOUT



3 ACCESSIBLE SIGN

## NOTES AND SPECIFICATIONS

ANY OTHER GOVERNING AGENCIES.

1) ALL SURVEY INFORMATION OF EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO PROPERTY LINES, FENCES, PAVING, OVERHEAD WIRES, ETC. ARE BASED ON A SURVEY BY SAMIOTES CONSULTANTS AS DEPICTED ON THE EXISTING SITE PLAN. ALL SUCH INFORMATION IS APPROXIMATE AND THE CONTRACTOR IS RESPONSIBLE TO SURVEY AND FIELD VERIFY SUCH INFORMATION PRIOR TO CONSTRUCTION. CONSTRUCTION DELAYS AND/OR OTHER DAMAGES RESULTING FROM DISCREPANCIES BETWEEN INFORMATION PROVIDED AND ACTUAL EXISTING CONDITIONS WILL BE AT NO ADDITIONAL COST TO THE OWNER.

2) THE CONTRACTOR SHALL NOTIFY AND COORDINATE ALL WORK WITH THE CITY OF BOSTON AND THE RESPECTIVE UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION.

3) THE CONTRACTOR SHALL REGISTER WITH "DIG SAFE" AT (800) 322-4844, 72 HOURS PRIOR TO CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN "DIG SAFE" REGISTRATION AND "DIG SAFE" MARKINGS.

4) ALL WASTE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND MUNICIPAL REGULATIONS.

5) ALL WORK SHALL COMPLY WITH FEDERAL, STATE AND MUNICIPAL REGULATIONS AND STANDARDS.6) THE CONTRACTOR SHALL HAVE THE PROPER LICENSES AS REQUIRED BY THE CITY OF BOSTON AND

7) THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUILDINGS AT NO ADDITIONAL COST TO THE

8) THE CONTRACTOR SHALL MAINTAIN CONSTRUCTION SIGNAGE DURING WORK WITHIN THE CITY OF BOSTON RIGHT—OF—WAY. THE CONTRACTOR SHALL ALSO MAINTAIN APPROPRIATE DETOUR SIGNS WHEN WORK WILL IMPEDE TRAFFIC FLOW.

9) ALL UTILITY RIMS SHALL BE ADJUSTED TO MEET FINAL GRADE AND SHALL CONFORM WITH THE CONSTRUCTION STANDARDS OF THE RESPECTIVE UTILITY COMPANY.

10) FILL SHALL BE PLACED IN NO GREATER THAN 6" LIFTS AND COMPACTED TO AT LEAST 95% OF MAXIMUM COMPACTION.

11) BITUMINOUS CONCRETE PAVING BASE COURSE (AGGREGATE BASE COURSE) IN EXISTING, FULL DEPTH PAVING AREAS AND NON-PAVED AREAS SHALL CONFORM TO M1.03.0 TYPE b, OF THE MASS DOT SPECIFICATIONS, WITH LESS THAN 8% BY WEIGHT PASSING THE NO. 200 SIEVE AND SHALL BE PLACED IN A MAXIMUM OF 6" THICK LIFTS.

12) BITUMINOUS CONCRETE PAVING SHALL CONFORM TO AASHTO M 20, M 81, AND M 140, ASTM D 1557; MASS DOT SPECIFICATIONS SECTIONS 460 (CLASS I) AND 405.

13) BITUMINOUS MATERIAL FOR TACK COAT SHALL BE CUT-BACK ASPHALT (RAPID - CURING TYPE) CONFORMING TO AASHTO M81, GRADE RC-70 OR RC-250.

14) CEMENT CONCRETE SHALL CONFORM TO ACI SPECIFICATION 316, AND ASTM A 616 AND D 1557.15) PIPE BEDDING SHALL CONFORM TO MASS DOT SPECIFICATIONS SECTION 150.64 AND CITY OF BOSTON STANDARDS.

16) THE CONTRACTOR SHALL EFFECT A SMOOTH TRANSITION IN LANDSCAPED AREAS BETWEEN THE EXISTING GROUND AND THE PROPOSED GRADE.

17) NEW PAVEMENT SHALL TIE INTO EXISTING PAVEMENT WITH A SMOOTH TRANSITION. THE EXISTING PAVEMENT SHALL BE SAW CUT.

18) PVC PIPE SHALL BE POLYVINYL CHLORIDE PIPE CONFORMING TO AASHTO 3034.

19) A DYE TEST SHALL BE PERFORMED BY A BWSC INSPECTOR PRIOR TO THE ISSUANCE OF AN OCCUPANCY PERMIT.

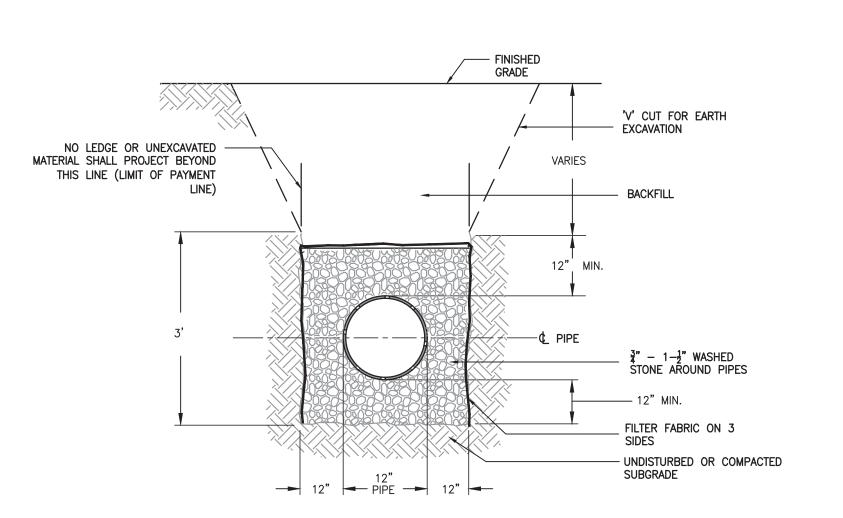
20) ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE BOSTON WATER AND SEWER COMMISSION (BWSC), BOSTON PUBLIC WORKS DEPARTMENT (BPWD), BOSTON TRAFFIC AND PARKING DEPARTMENT (BTP) OR ANY OTHER AGENCY WITH AUTHORITY IN THIS AREA.

21) AN AS-BUILT DRAWING AND AN AUTOCAD DISK (BWSC COLORS AND LAYERS STANDARDS) MUST BE SUBMITTED TO BWSC UPON COMPLETION OF THE WORK.

22) THE CONTRACTOR MUST OBTAIN A "ROUGH CONSTRUCTION SIGN—OFF" FROM THE CITY OF BOSTON'S INSPECTIONAL SERVICES DEPARTMENT PRIOR TO FILING A "GENERAL SERVICES APPLICATION" WITH THE BOSTON WATER AND SEWER COMMISSION.

FINISHED GRADE CATCH BASIN ADD BLOCK OR FRAME AND GRATE PRECAST RISER -(BWSC STANDARD GRATE) AS REQUIRED BACKFILL WITH 1-1/2" WASHED STONE BELOW RIM = 74.80RIP RAP TO 3' DEPTH AGAINST DRYWELL, TAPER -TO 1' DEPTH AT BASE OF RIP RAP 3" PEASTONE - LAYER ABOVE WASHED STONE RIP RAP 25#-50# STONE ➤ INLET PIPE (SEE PLAN) FILTER FABRIC ON ALL EXTERIOR FACES 1 1/2" WASHED STONE 12" THICK ON BOTTOM & SIDES ELEV=68.40 2" THICK PATIO BLOCKS W/OPEN JOINTS(1-1/2" MAX) ELEV=67.40 UNDISTURBED SUBGRADE -

6' DRYWELL OUTLET & RIP RAP OVERFLOW



12" PERFORATED PVC PIPE INFILTRATION TRENCH

ARCHITECT

bhta

Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300 Boston, MA 02210 617 350-0450 Tel

PROJECT NAME

Alexander Bajko Rink

75 TURTLE POND PARKWAY HYDE PARK, MA 02136

CLIENT

Department of Conservation & Recreation

PROJECT TEAM

Civil Engineer & Surveyor Samiotes Consultants, Inc. 20 A Street Framingham, MA 01701 508.877.6688

REVISIONS

1 BWSC RESUBMISSION - 9/15/20 2 BWSC FINAL SET - 11/09/20 3

DRAWING TITLE

Civil Detail Sheet

DRAWING INFORMATION

TH OF MASS
STEPHEN
R.
GARVIN
No. 42772
CIVIL
FORMATION

SEPTEMBER 15, 2020
DATE OF ISSUE

PERMIT SET
DESCRIPTION

NTS WJP

16118,02cd dcr bajko rink

PROJECT# FILE N

DRAWING NUMBER

C503

Copyright BH+A, Inc.

# OLSEN SWIMMING POOL FACILITY FACILITY RENOVATIONS

# 95 TURTLE POND PARKWAY HYDE PARK, MASSACHUSETTS 02136



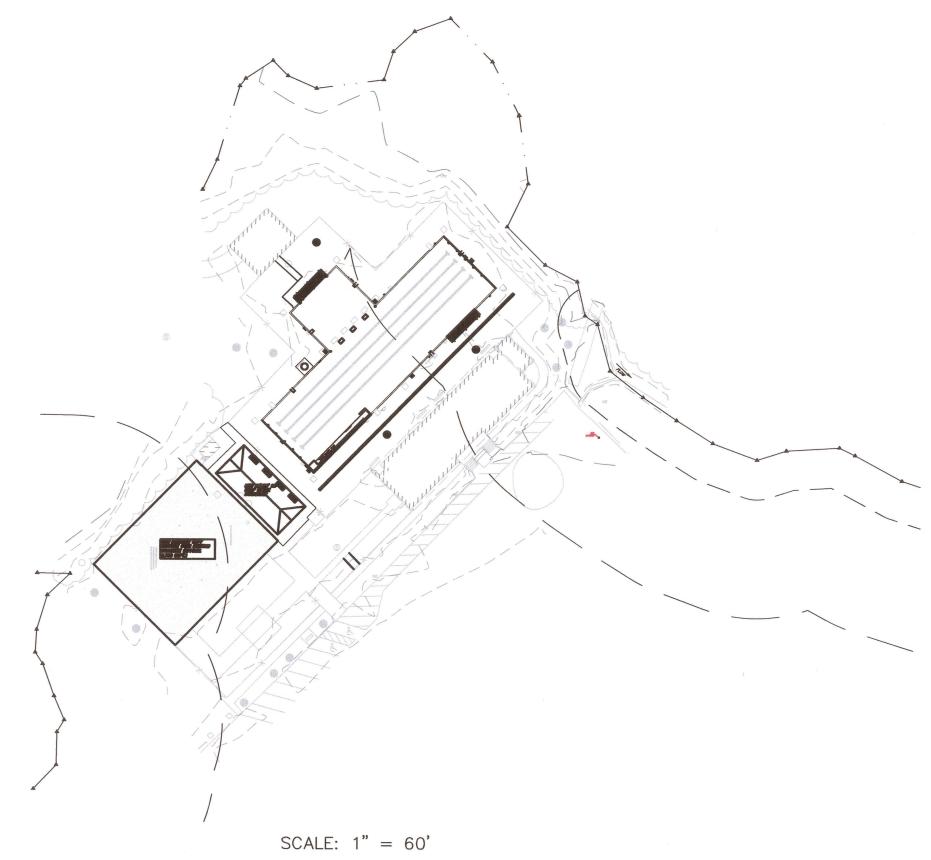
MASS GIS 2008/2009 AERIAL PHOTO SCALE: 1" = 200'

PREPARED FOR:

DEPARTMENT OF CONSERVATION AND RECREATION 251 CAUSEWAY STREET BOSTON, MASSACHUSETTS 02114



4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324 PHONE: 508.697.3191, FAX: 508.697.5996 WEBSITE: www.coneco.com



# PREPARED ON: OCTOBER 28, 2020

REVISED JANUARY 8, 2021

**ENGINEER:** KEVIN E. MCHUGH, P.E. CONECO ENGINEERS & SCIENTISTS, INC. BRIDGEWATER, MA 02324

DATE:





DECK MARKING PLAN GRADING & DRAINAGE PLAN

SHEET

N-1

C-1 & C-2

**DESCRIPTION** 

NOTES & LEGEND

**EXISTING CONDITIONS** 

UTILITY PLAN POOL BONDING PLAN DETAIL SHEETS

**PERMIT PLANS** 

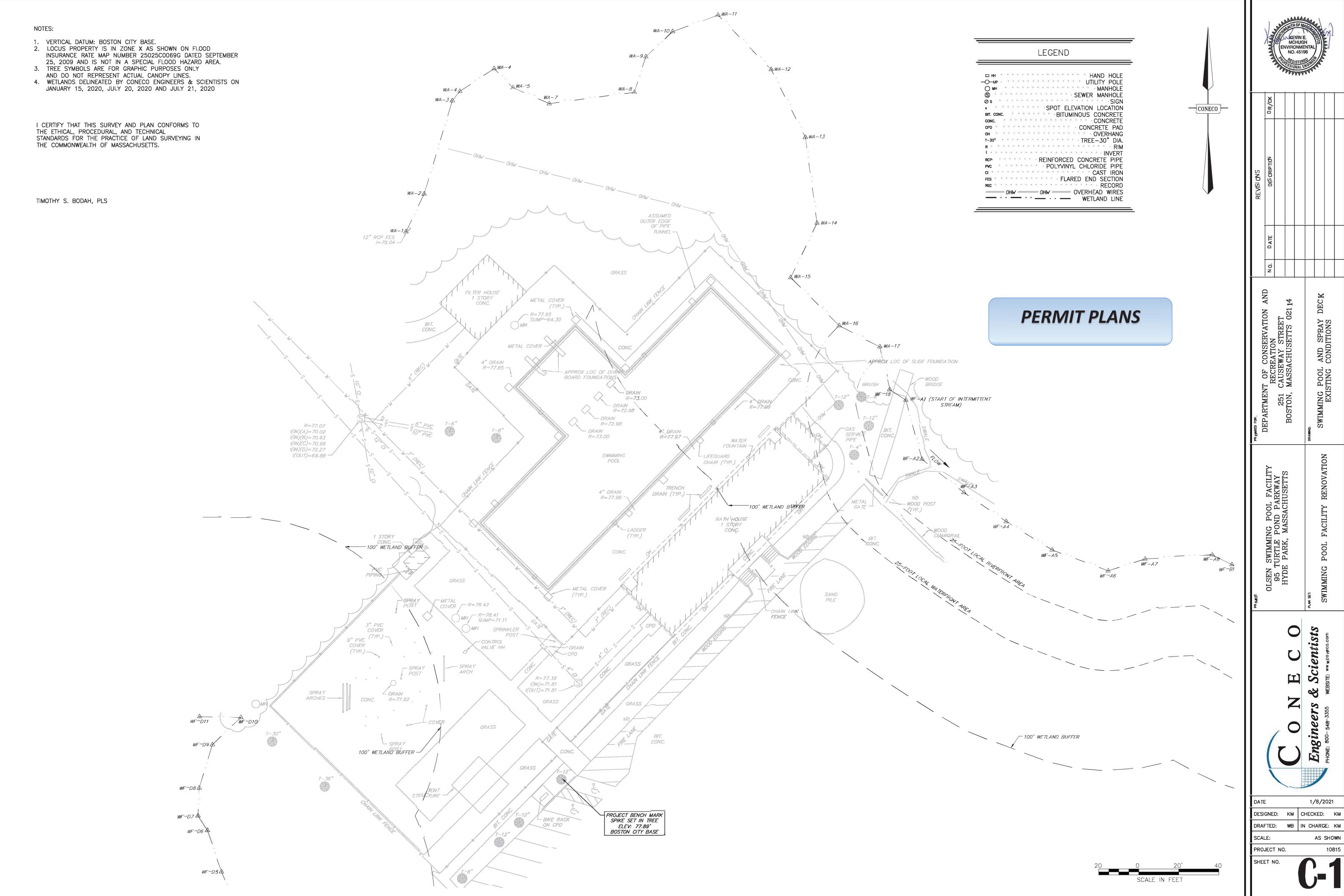
		PROJECT NAME		
		STREET ADDRESS, TOWN/CITY, STATE	ZIP	
		REVISIONS		
NO.	DATE	DESCRIPTION		DR/CK

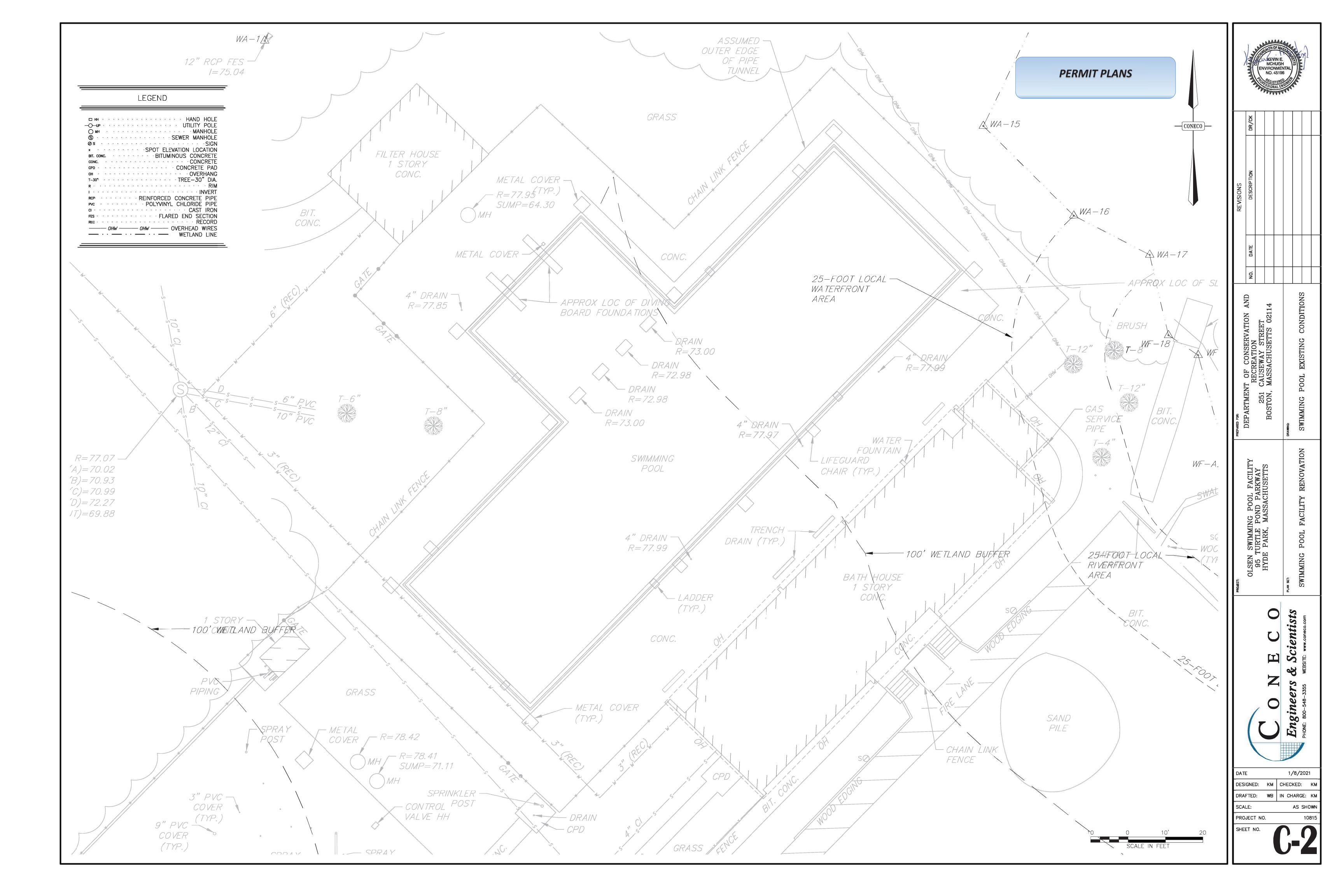
MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER #45196

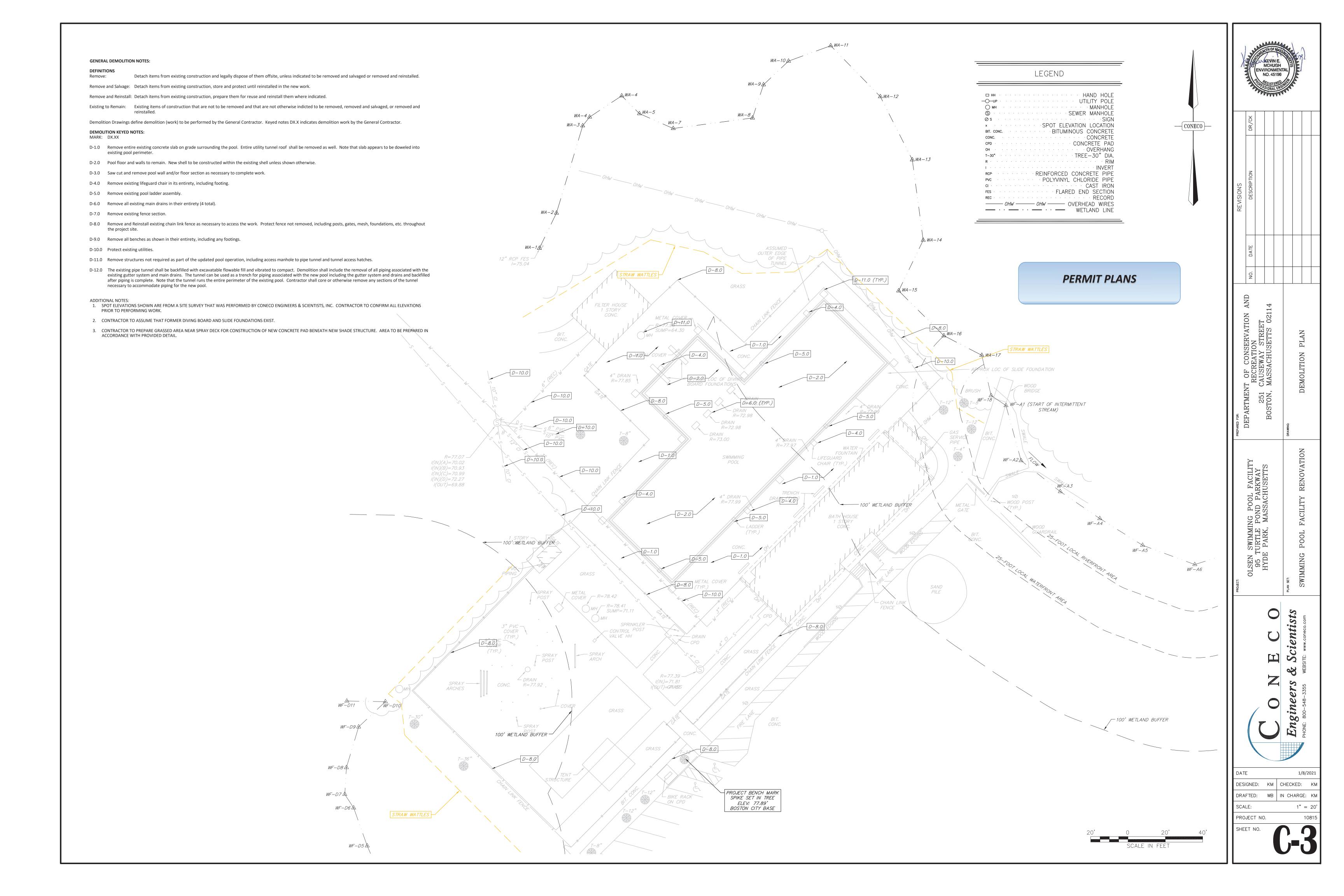
SURVEYOR:
TIMOTHY S. BODAH, P.L.S.
CONECO ENGINEERS & SCIENTISTS, INC.

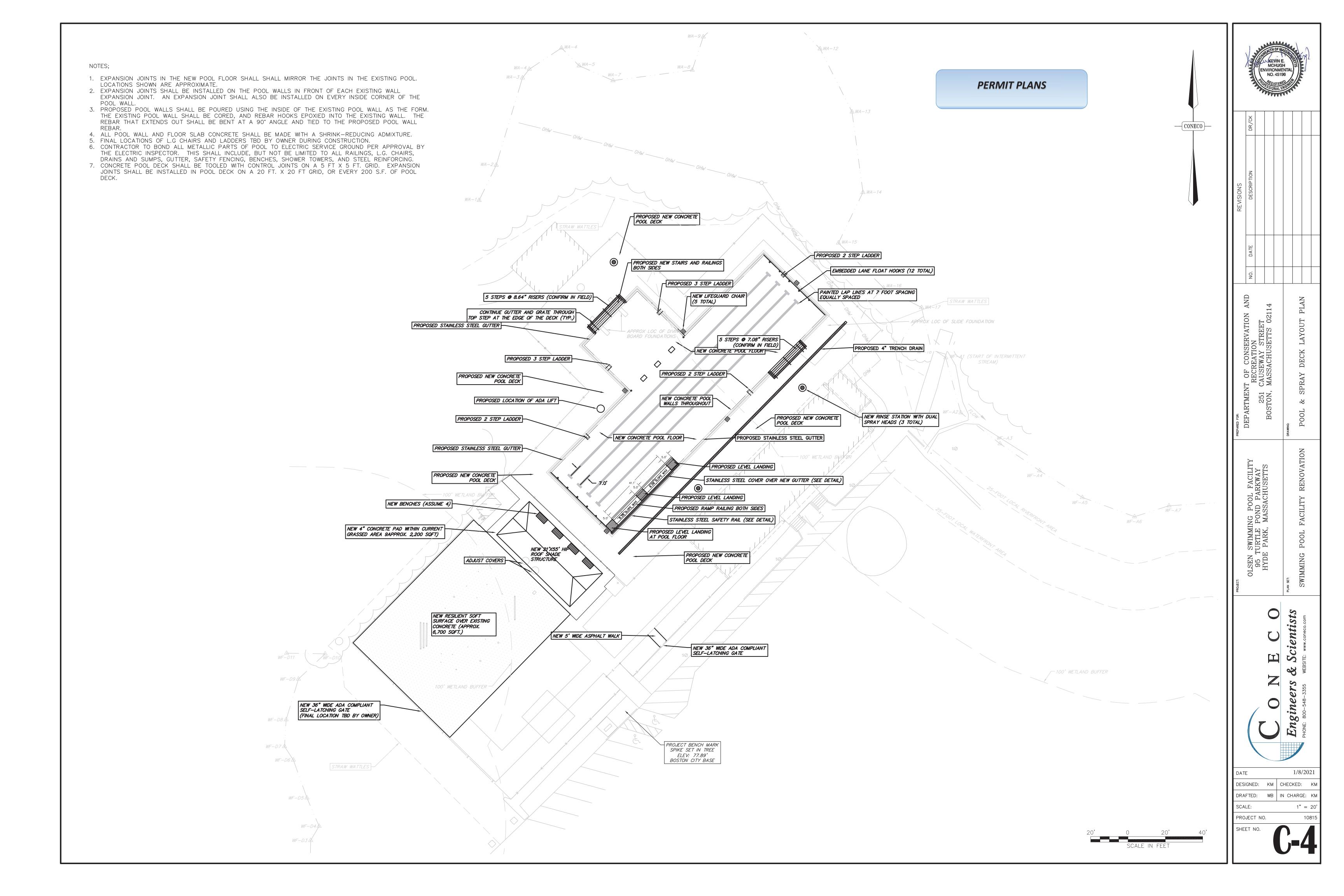
DATE:

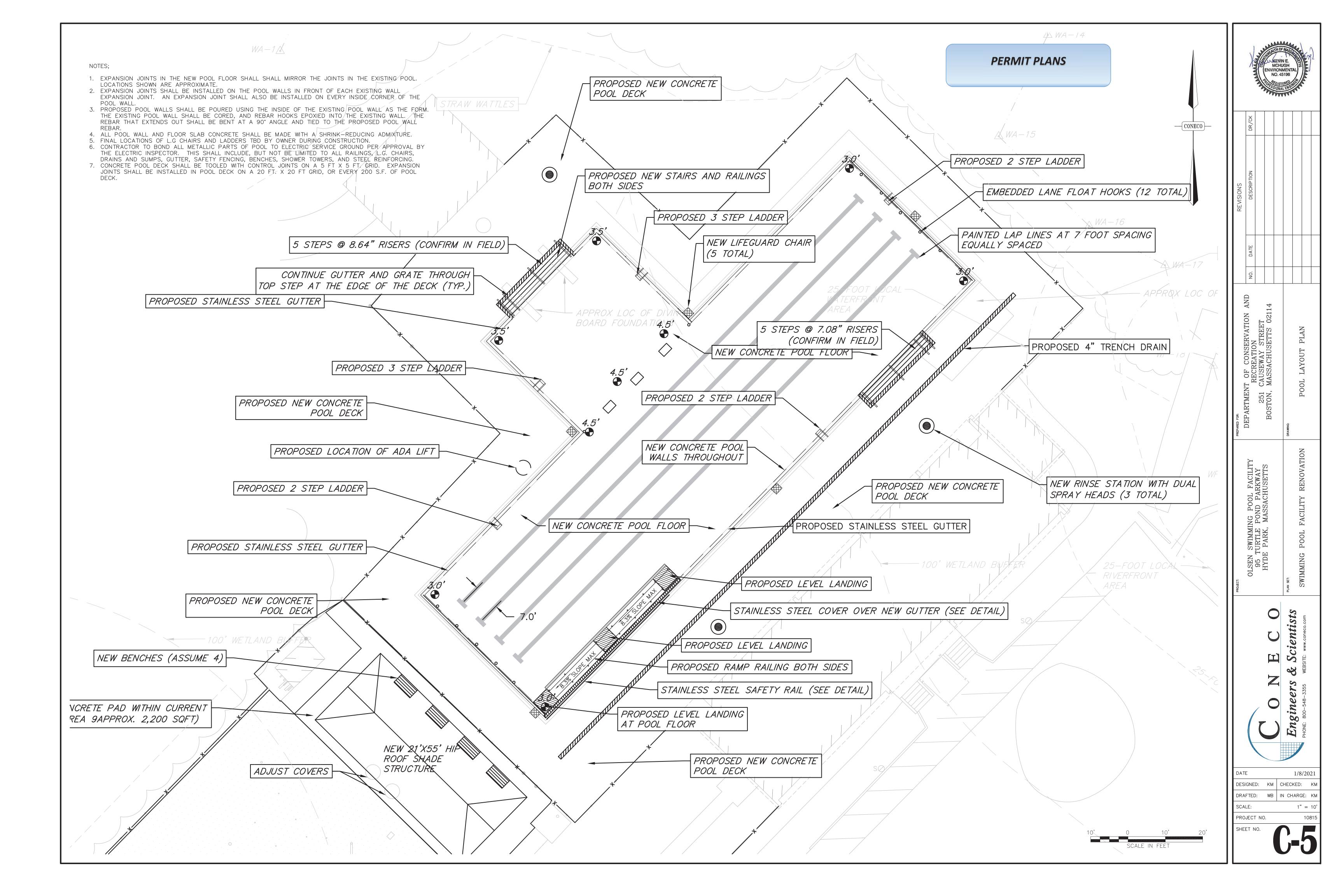
MASSACHUSETTS REGISTERED PROFESSIONAL LAND SURVEYOR #46110

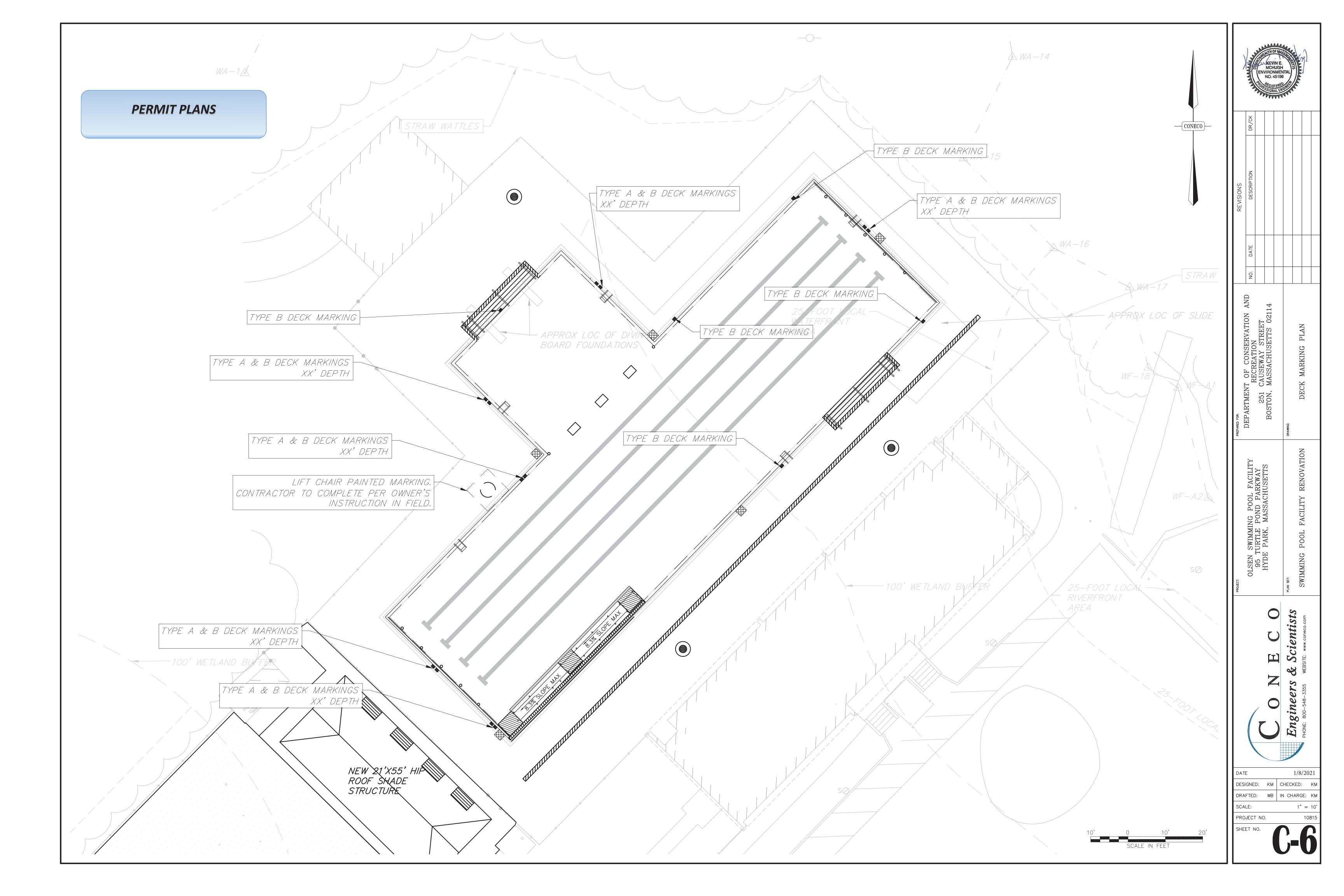


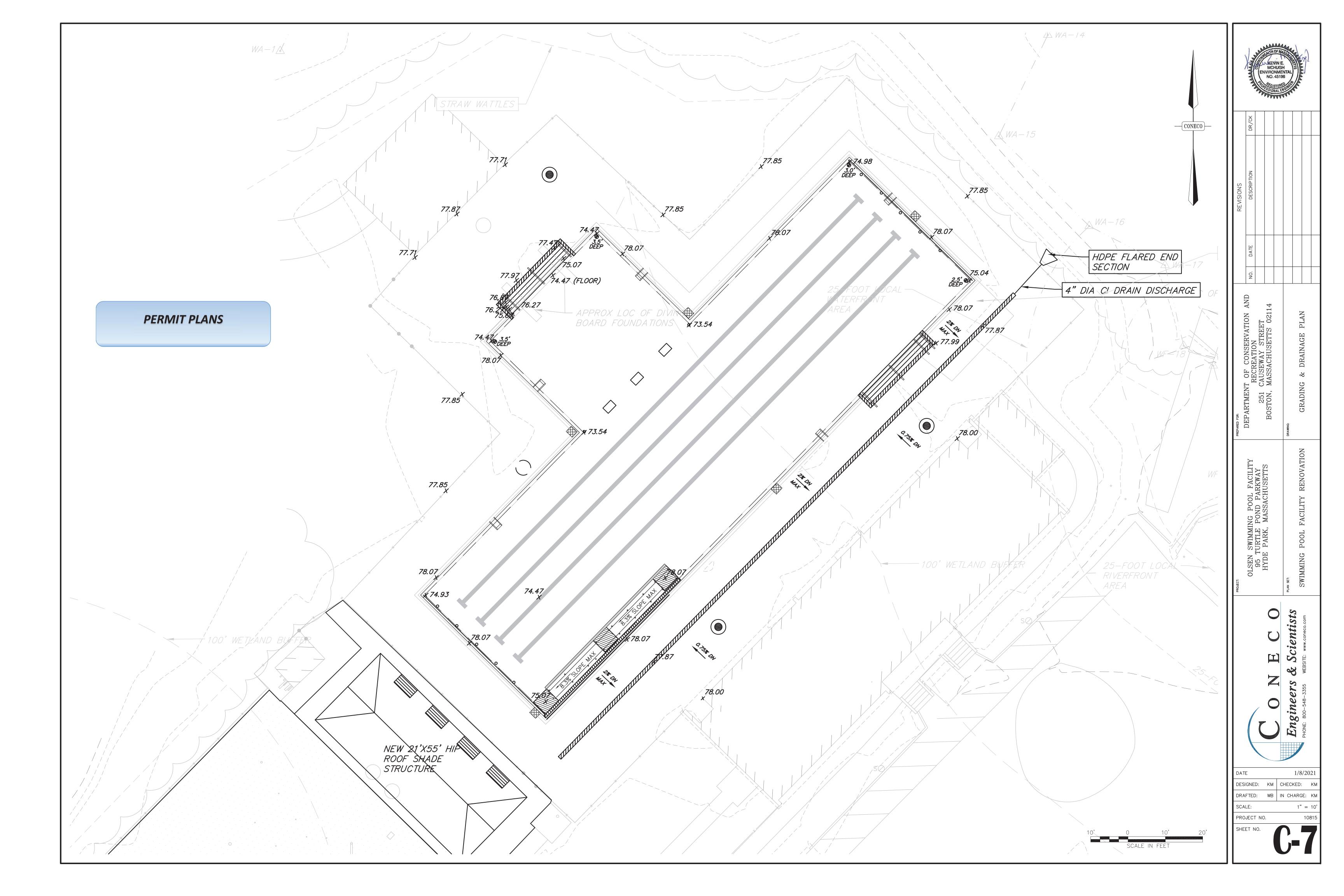


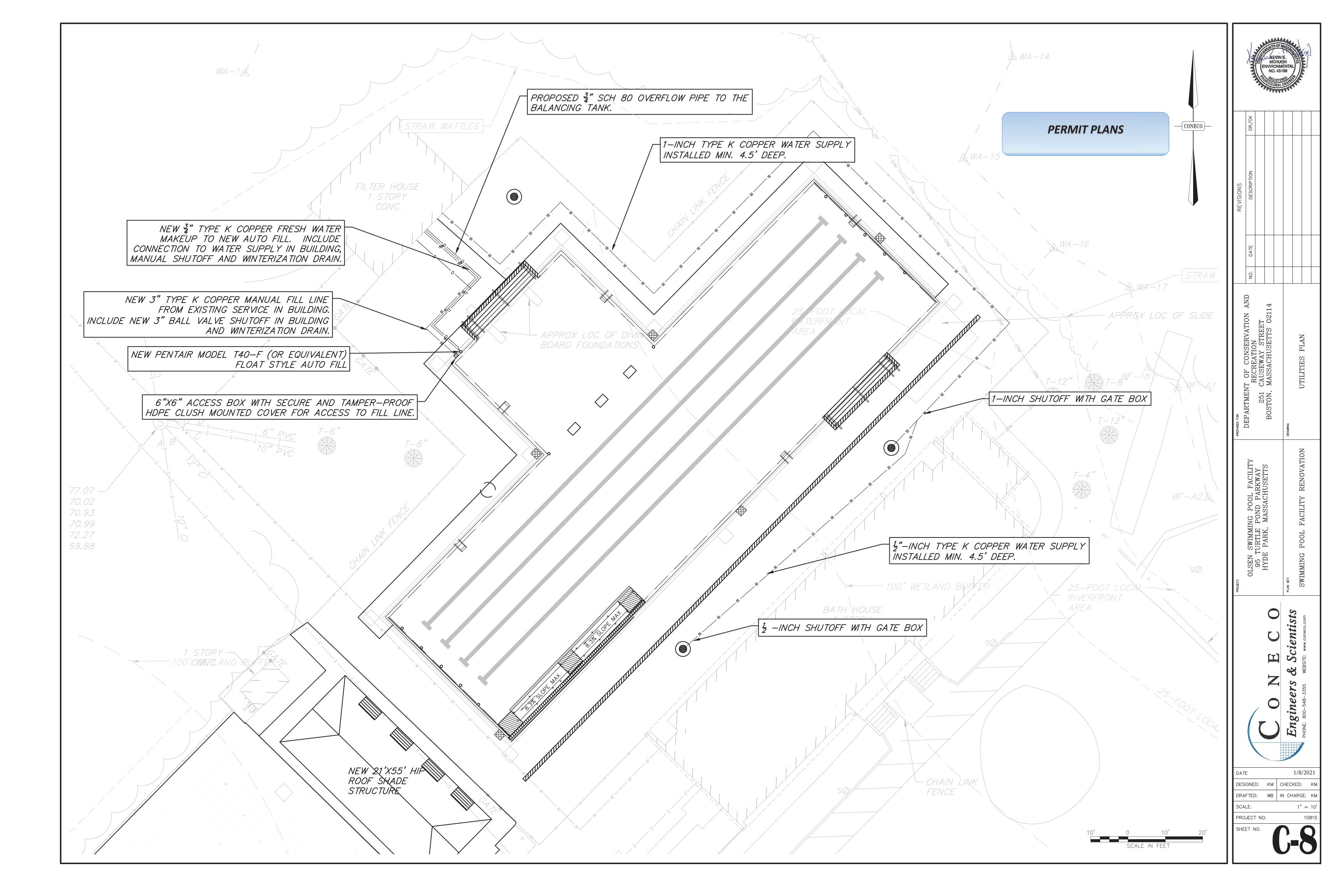


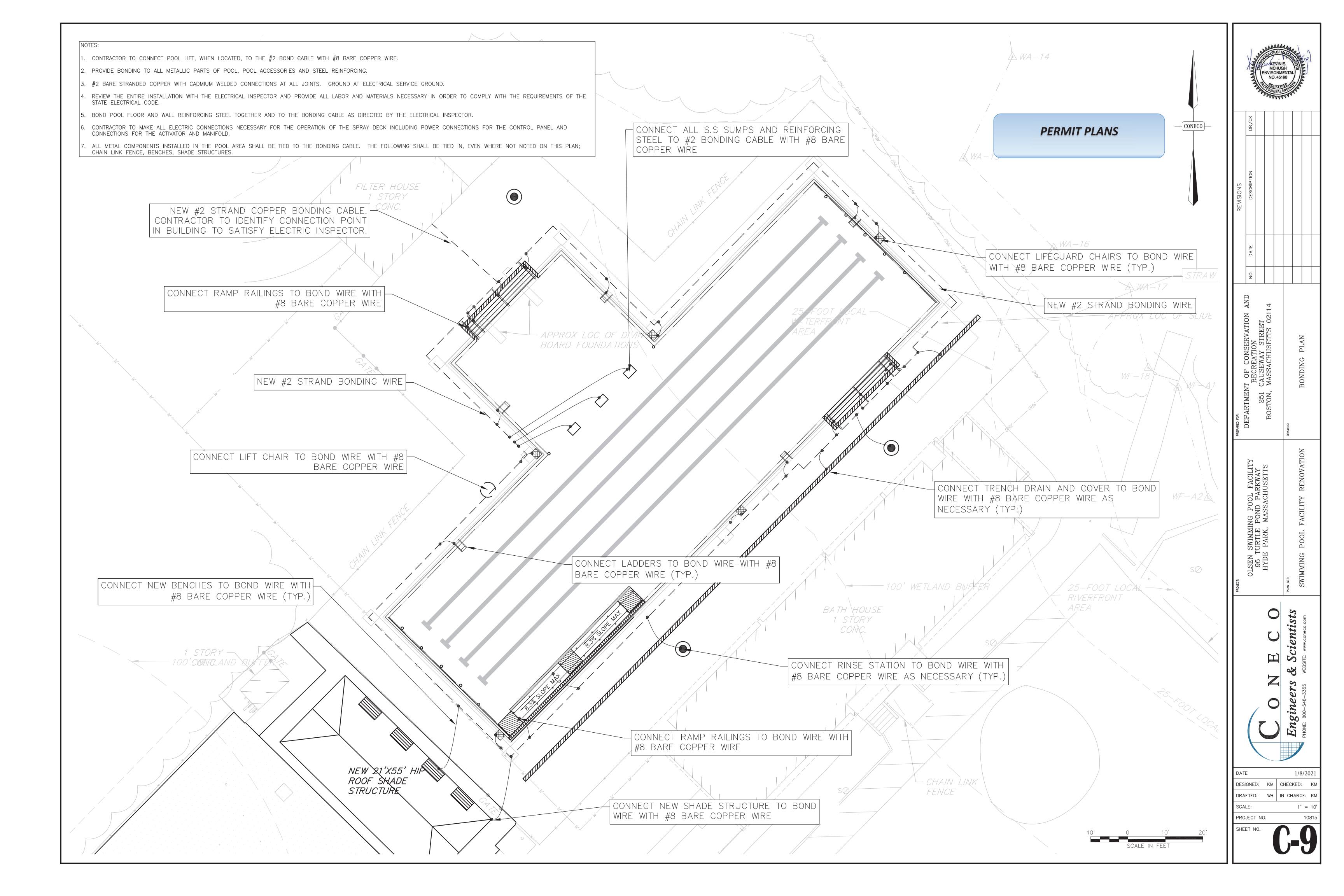


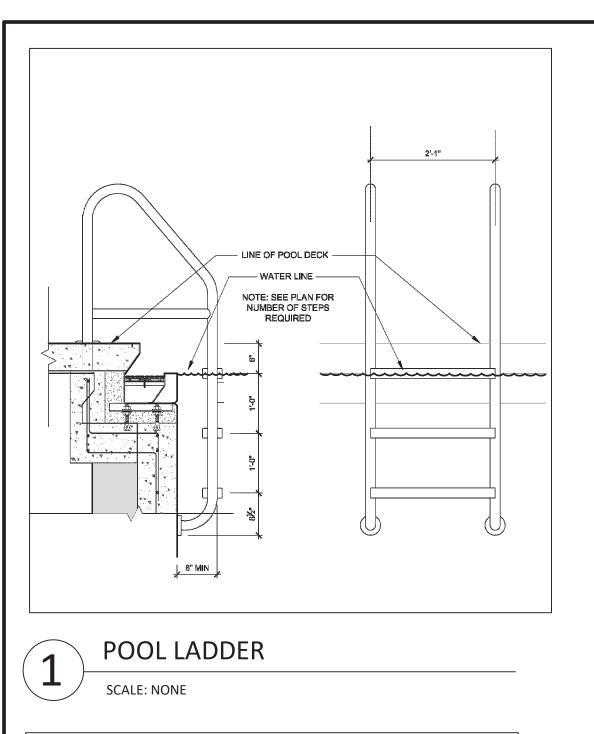




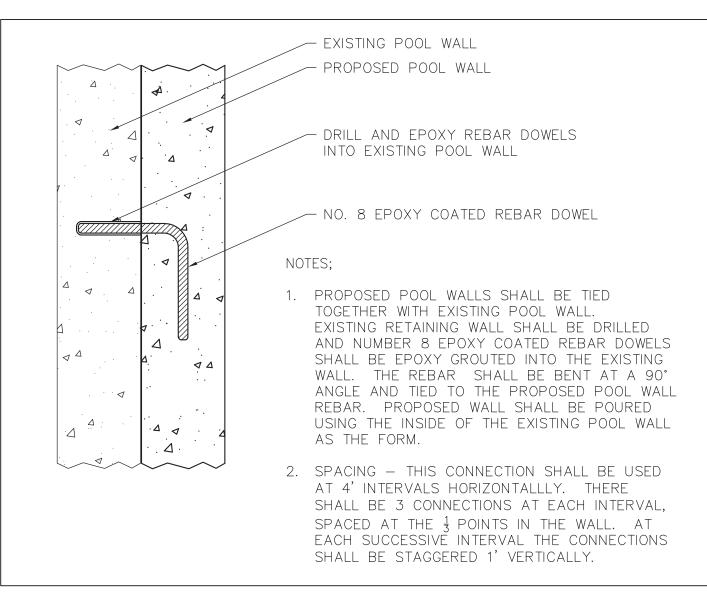


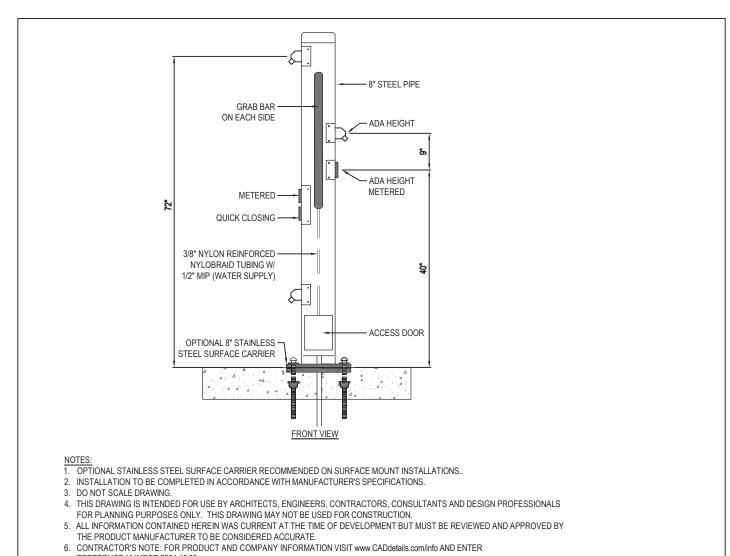






# **PERMIT PLANS**





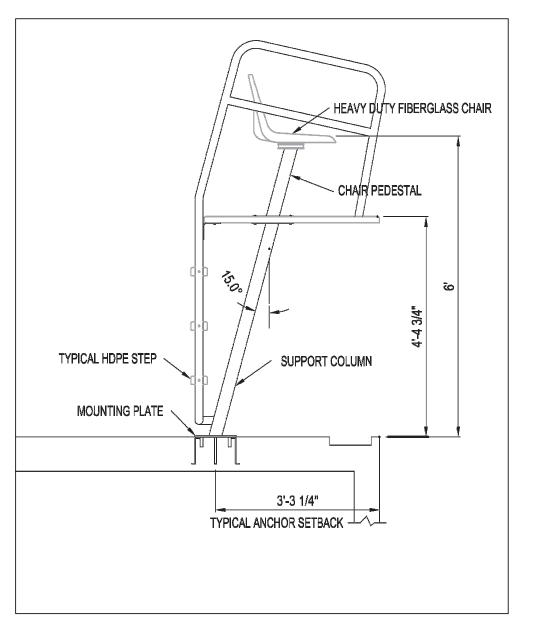
# REFERENCE NUMBER 3354-10.00.

3 WALL CONNECTION DETAIL
SCALE: NONE



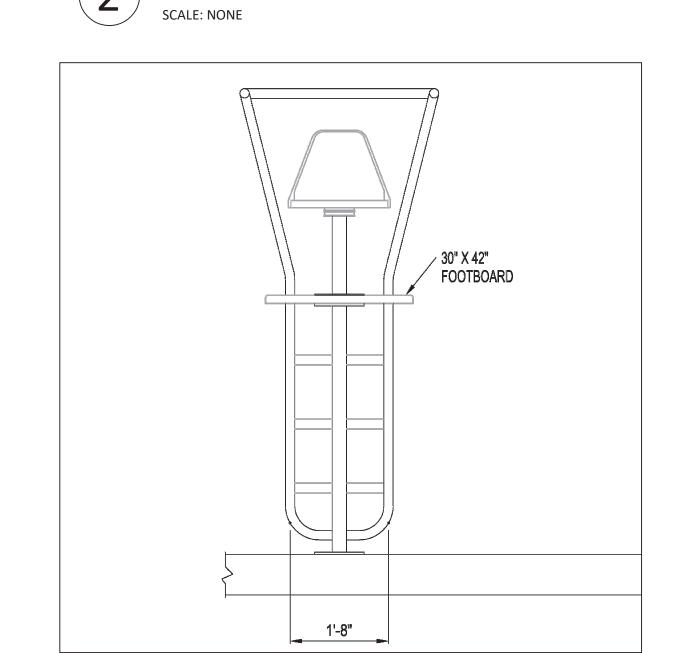
RINSE STATION - ADA COMPLIANT (2)

SCALE: NONE

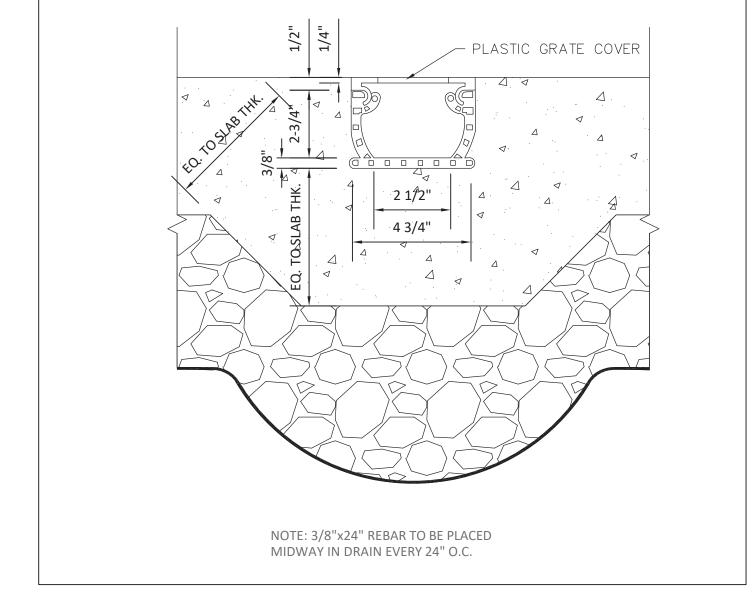


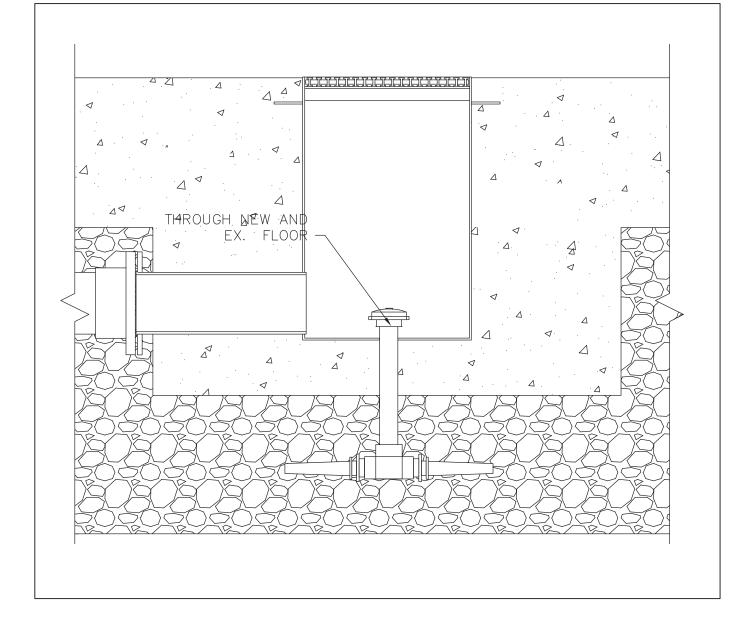
SIDE ELEVATION OF L.G. CHAIR

SCALE: NONE



NOT USED

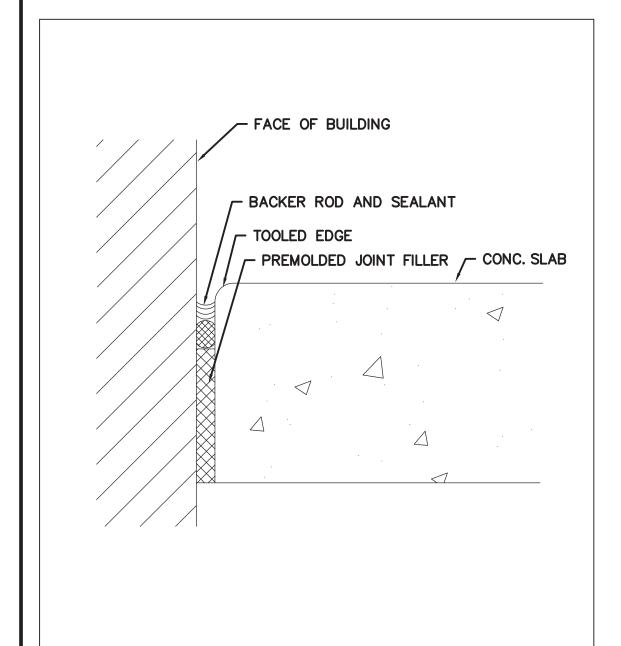






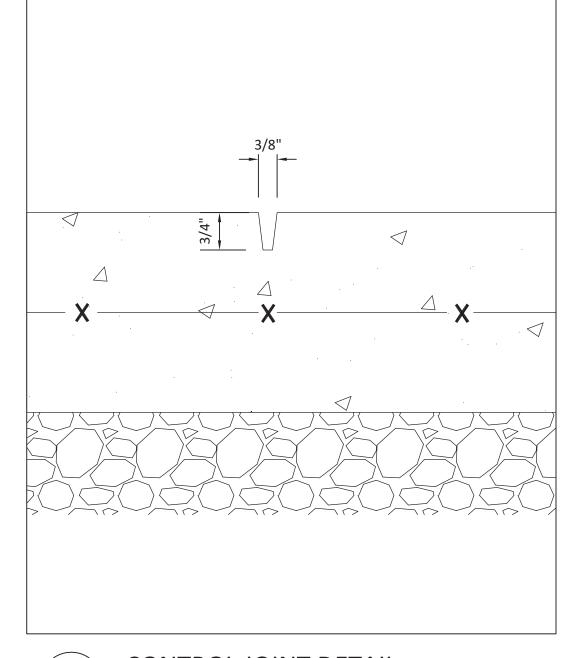


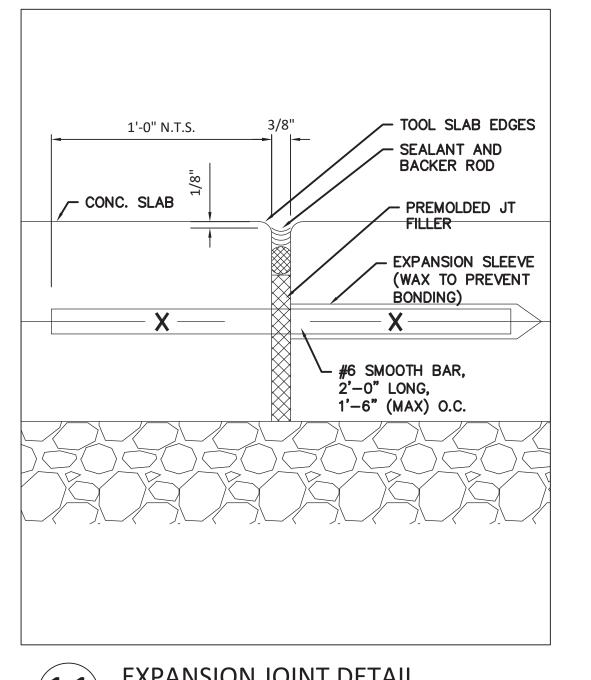


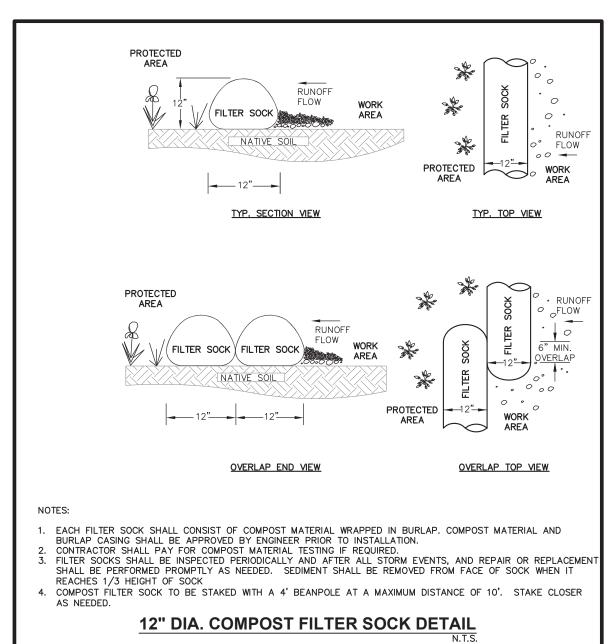


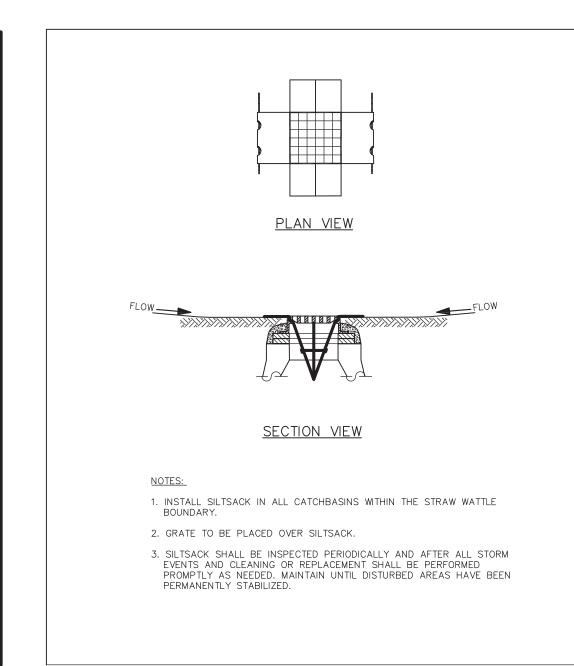
**DETAIL AT EXISTING BUILDING** 

SCALE: NONE







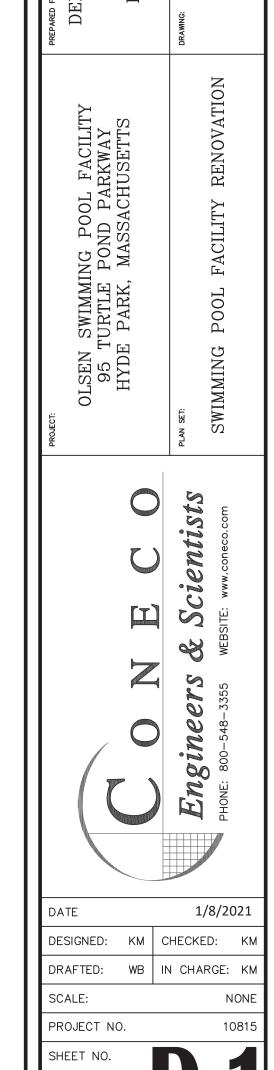


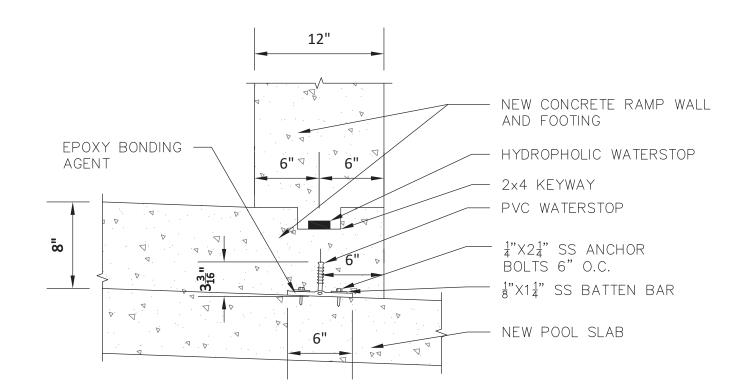






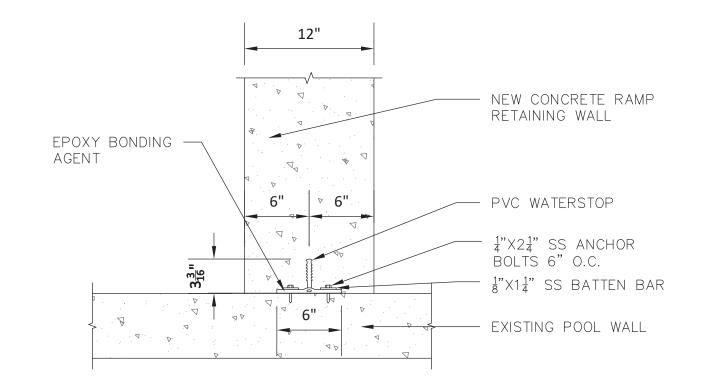






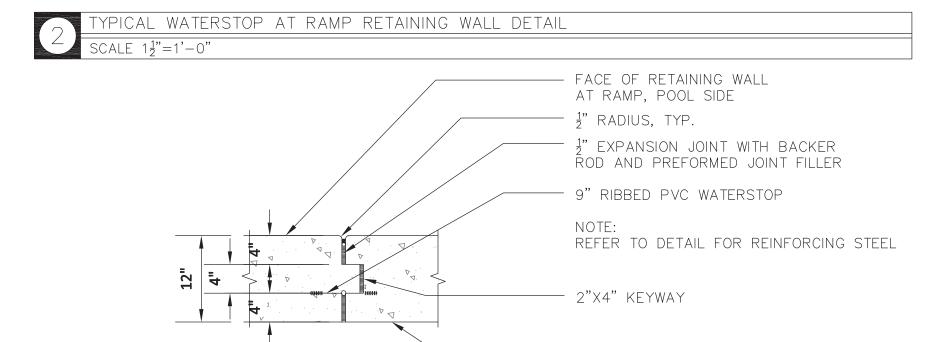
#### SECTION

PICAL WATERSTOP AT RAMP WALL FOOTING DETAIL



### SECTION

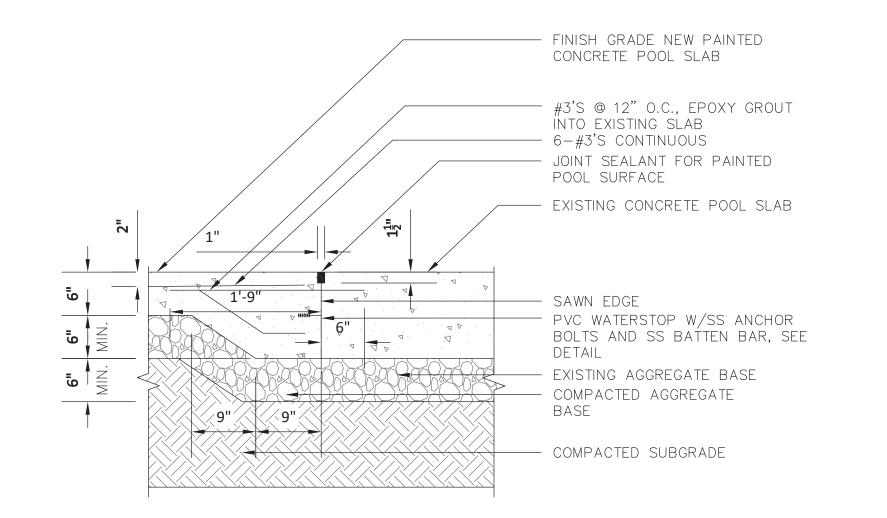
PLAN/SECTION



FACE OF RETAINING WALL

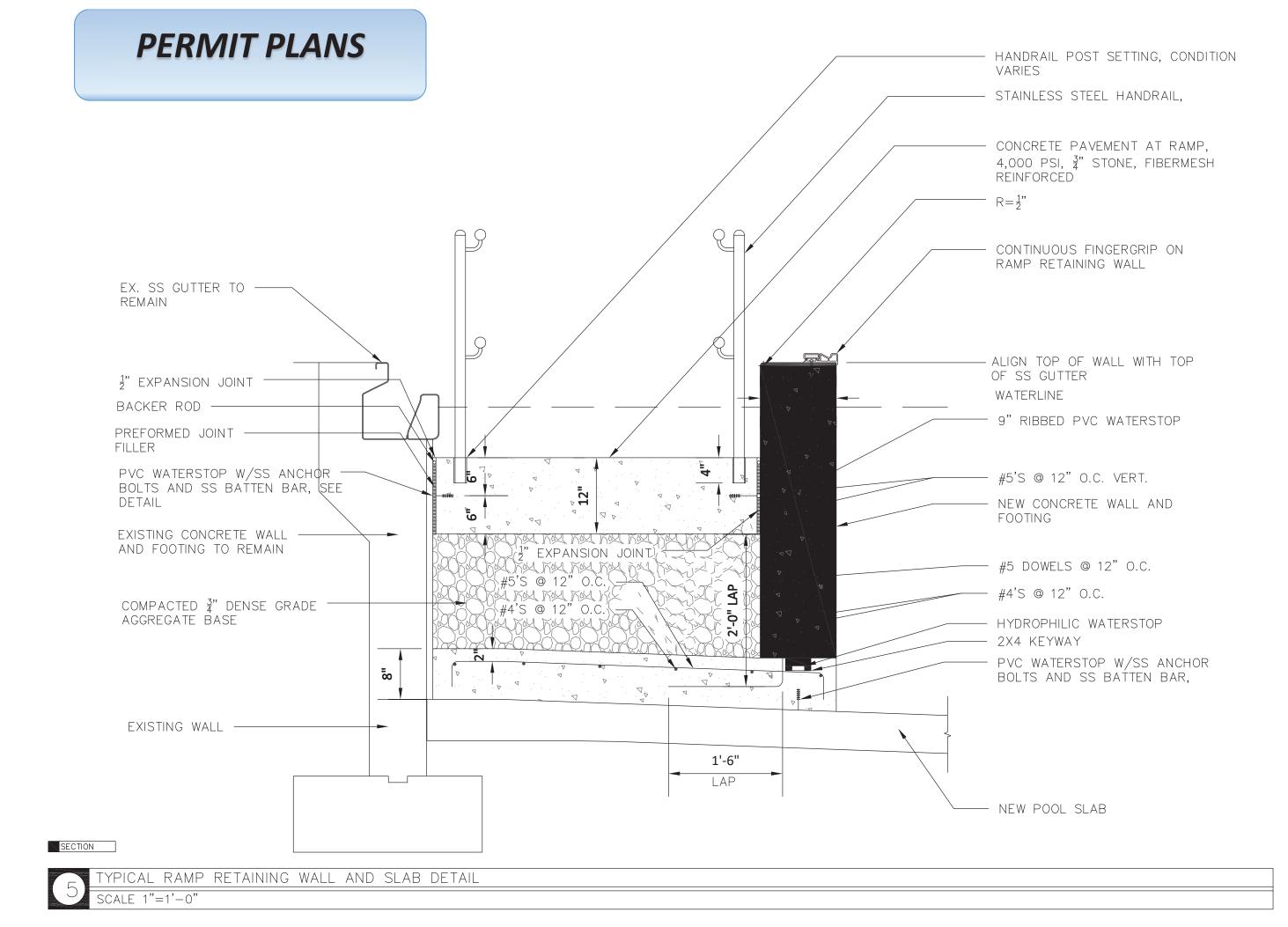
AT RAMP, RAMP SIDE

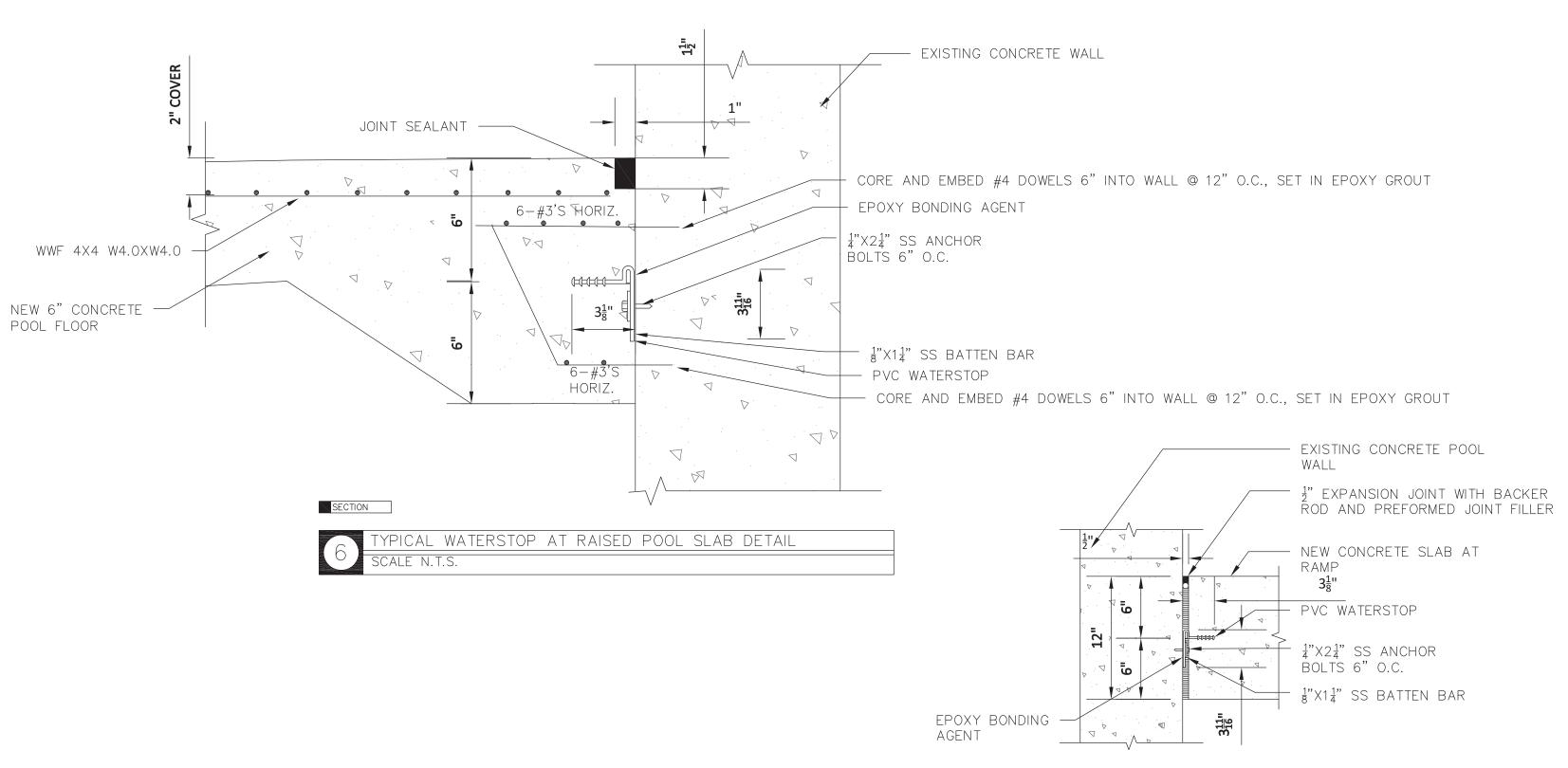
PICAL EXPANSION JOINT AT RAMP RETAINING WALL DETAIL



### SECTION

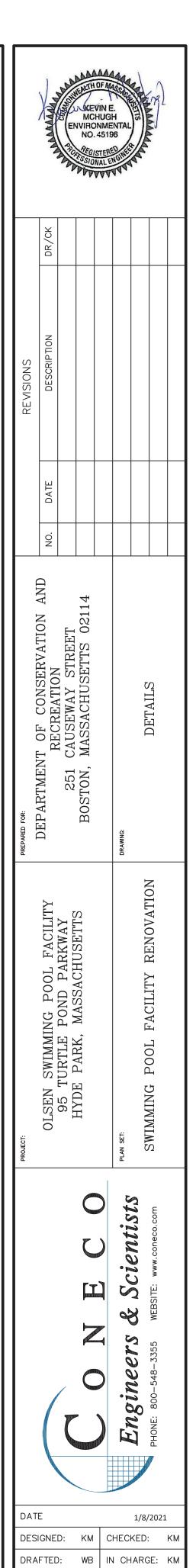
PICAL POOL CONSTRUCTION JOINT DETAIL - TYPE 3

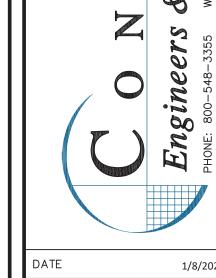




SECTION

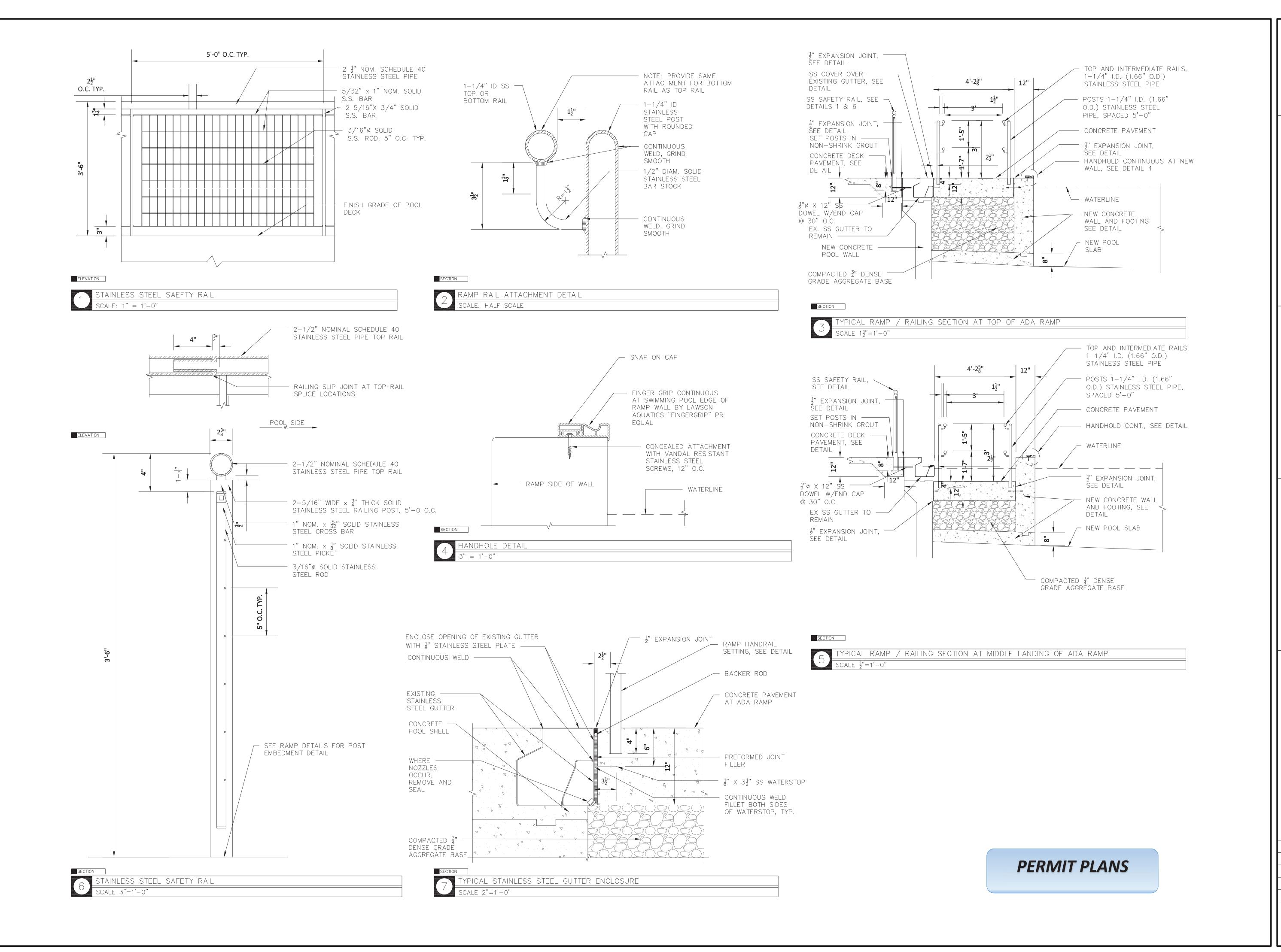
PICAL WATERSTOP AT RAMP SLAB DETAIL

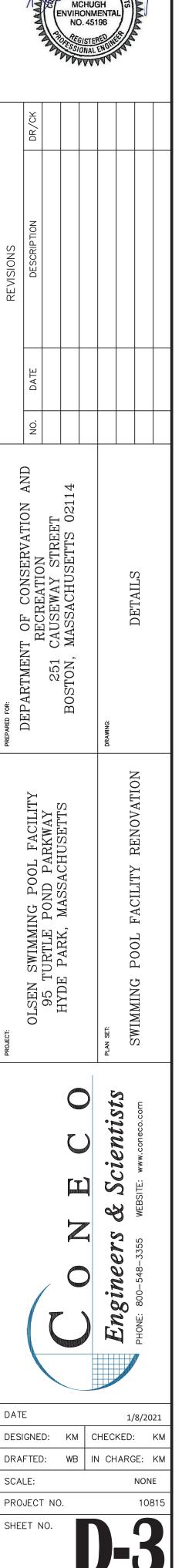




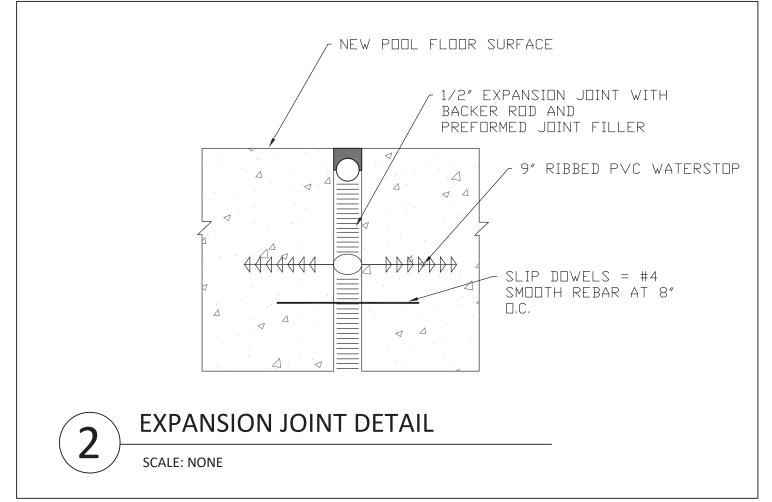
SCALE:

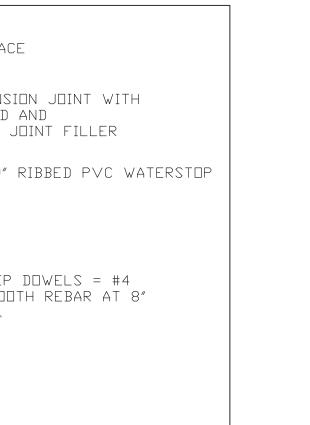
PROJECT NO.

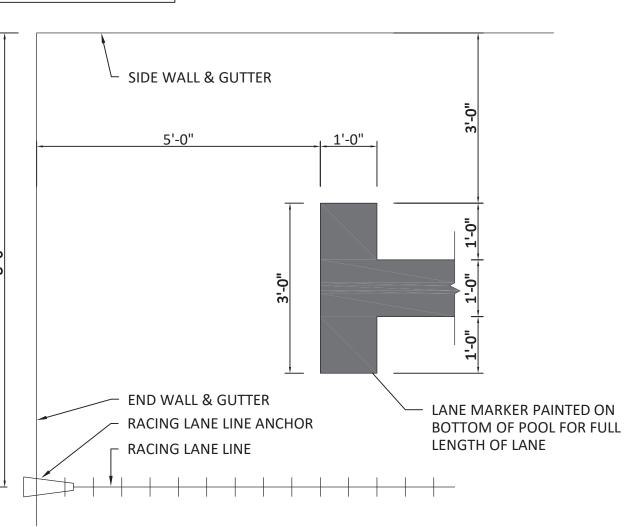


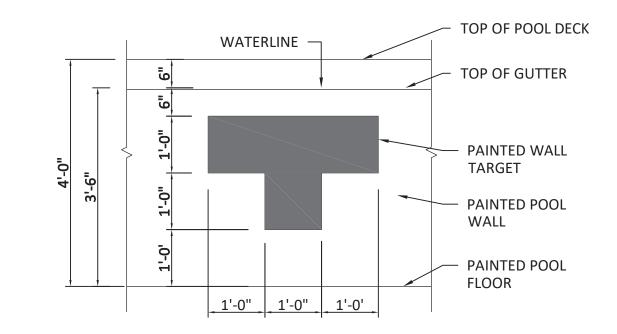


# GUTTER MESH (SEE DETAIL 6 ) ON SHEET C-11) #4 AT 1/3 HEIGHT / #4 AT 24" O.C. #5 AT 24" O.C. ✓ / #4 AT 1/3 HEIGHT - PROPOSED CONCRETE POOL WALL / #5 AT 24" O.C. - #4 AT 24" O.C. EXISTING —— CONCRETE - #4 AT 24" O.C. POOL WALL PROPOSED CONCRETE POOL FLOOR - EXISTING CONCRETE POOL FLOOR POOL WALL AND FLOOR REBAR DETAIL SCALE: NONE



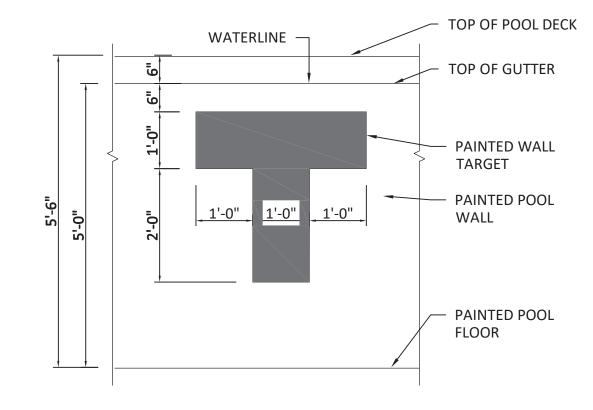






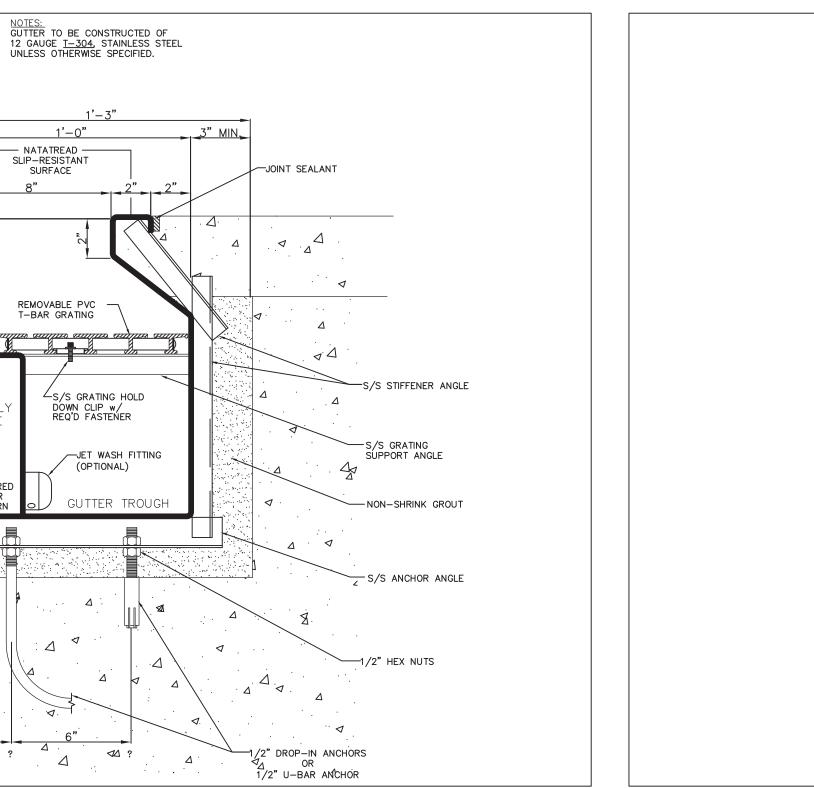
PERMIT PLANS

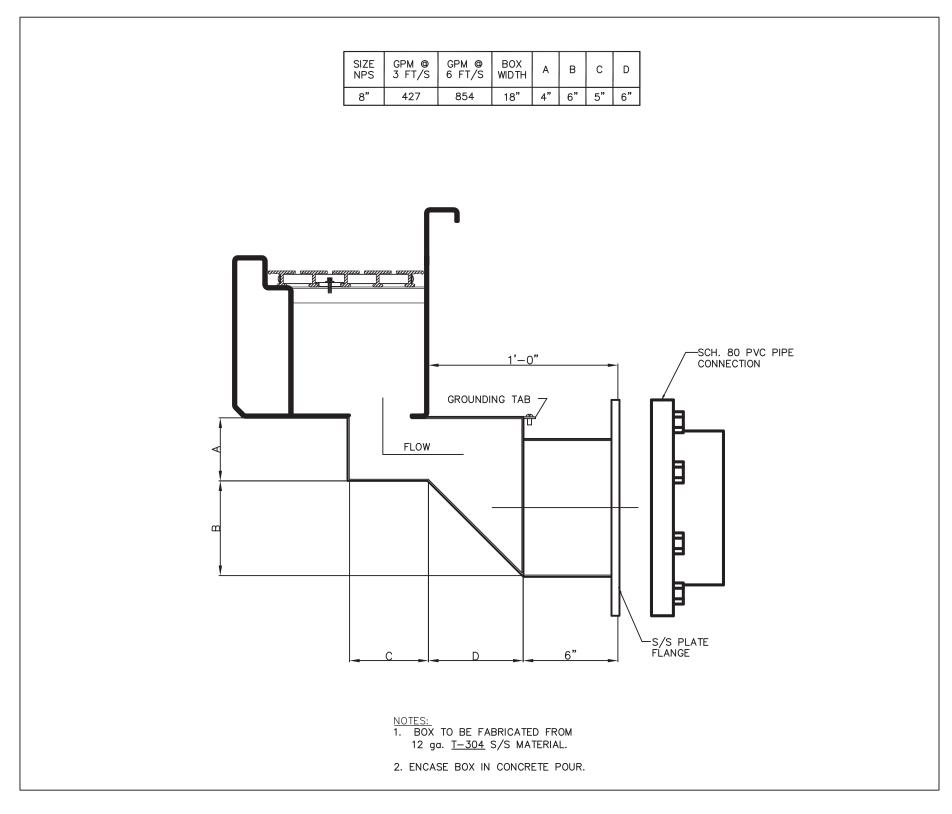


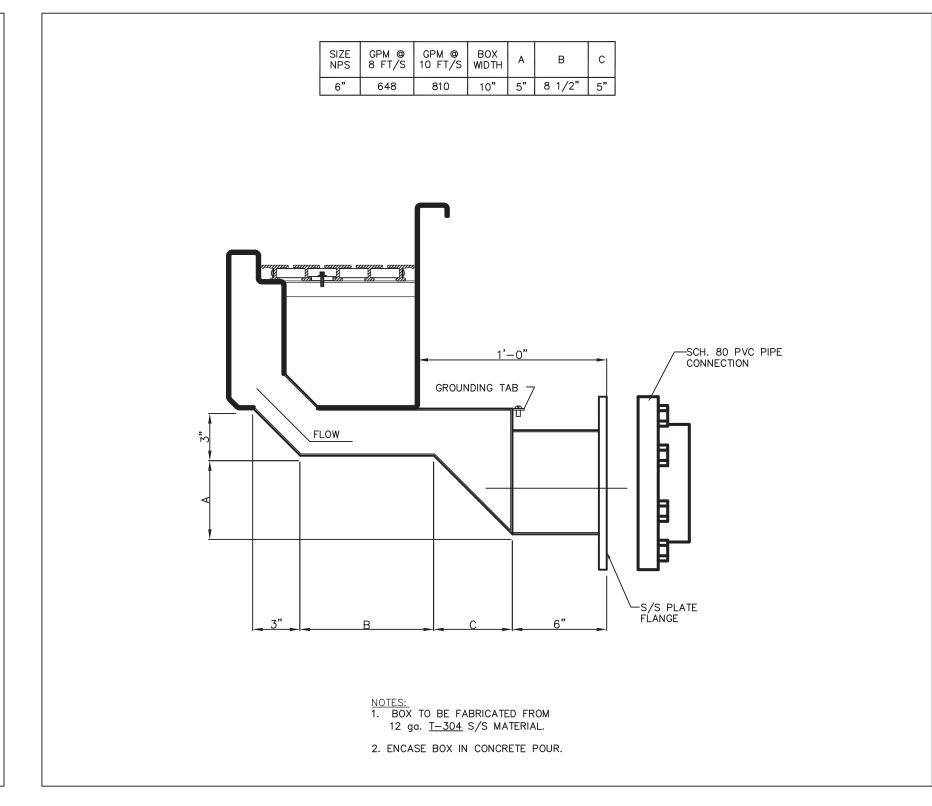


6 POOL LANE MARKING-PLAN DETAIL
SCALE: NONE











ORIFICE TO HAVE SMOOTH EDGES

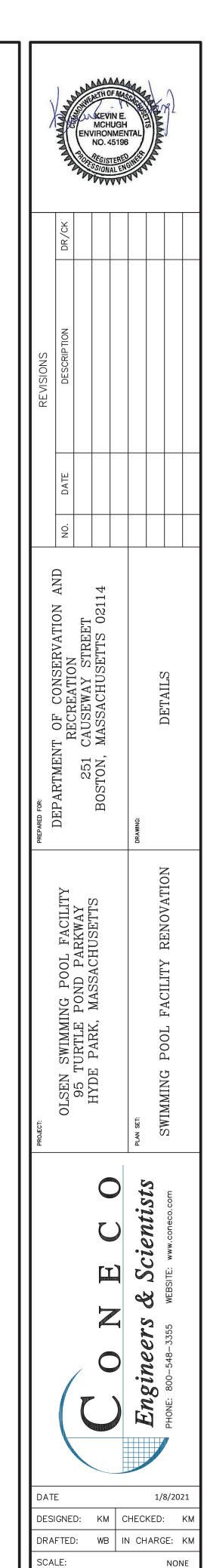
JOINT SEALANT -

— NATATREAD —— SLIP-RESISTANT SURFACE

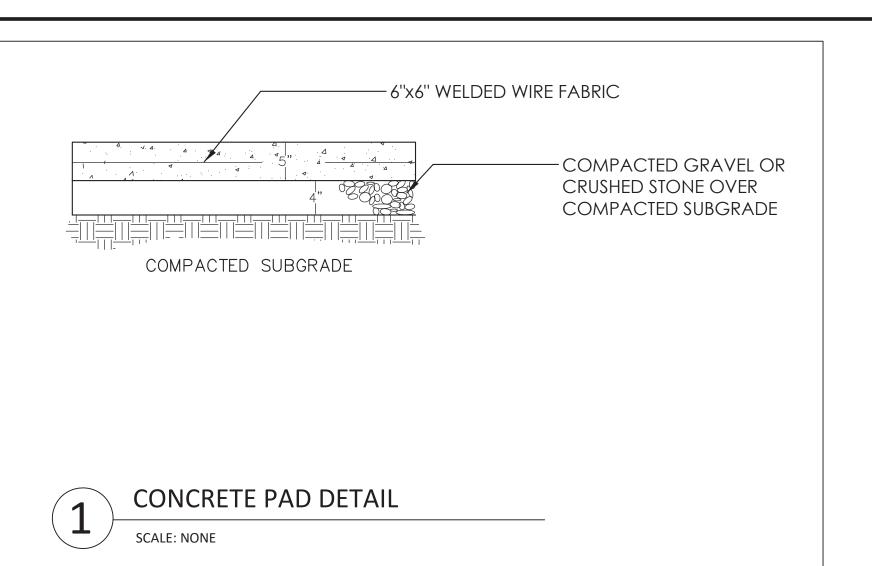
REMOVABLE PVC T-BAR GRATING







PROJECT NO.



# **PERMIT PLANS**

