

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
TUESDAY, MARCH 22, 2016 – 7:00 PM

The Croton Facility Monitoring Committee (CFMC) met on Tuesday, March 22, 2016 at the DEP Office, 3660 Jerome Avenue, Bronx, NY 10467.

Welcome

Daniel Padernacht, CFMC Chair, called the meeting to order at 7:05 pm. Attending were Adeline Walker-Santiago, Representing Community Board #7; Wilhelm Ronda, Representative of Borough President Ruben Diaz, Jr.; Joshua Stephenson, Representative of Council Member Andrew Cohen; George Torres, Representative of Community Board #12; and Anthony Macari, Department of Parks and Recreation. From the Department of Environmental Protection (DEP) were Deputy Commissioner Eric Landau, and Shane Ojar. Other DEP staff was present as well. In attendance were officials from the Department of Design and Construction (DDC), Grimshaw Architects, and members of the public. (*Attachment 1*)

Adoption of Agenda

The agenda for the meeting was adopted without modification. (*Attachment 2*)

Adoption of Minutes

The June 22, 2015 meeting minutes and the January 21, 2016 meeting minutes were approved as prepared.

Van Cortlandt Park (VCP) Design Update

Randy Lafargue, DDC, introduced his department's role in managing for DPR the finalizing of design, upcoming construction of the VCP landscaping, amenities and the new golf club house that will follow DEP's Croton Filter Plant construction. He introduced Vincent Falkowski, Leonard Ferguson and John Ledonis from DDC who are officials for the work, and introduced Eric Johnson, Grimshaw Architects, to share several slides about the design. Mr. Johnson said the project emphasis was on the guiding principles of healthy living, resiliency, sustainability, and growth. (*Attachment 3*)

There was a short discussion about the upcoming DDC bidding process and about logistics and the schedule. Along with DDC staff, Paul Ersboll, LiRo, will oversee construction for DDC. In response to questions Mr. Ersboll said that if the procurement process goes smoothly, the landscape construction might begin as early as 2017 and would continue for 2-1/2 years or likely through 2020.

DDC officials said the agency is mindful of selecting the best contractor at the best price. The engineers cost estimate is \$55 million based on mid 2016 cost value.

Following the finalizing of the bid documents, there will be an open procurement, followed by award and registration of a construction contract. Then preconstruction

coordination will begin. Mr. Johnson said the construction would be in phases, beginning in the farthest segments of the area first and moving counter clockwise to minimize interference with DEP's remaining activities. The club house building foundation will be constructed later. The final phase of work would be in the VCP area along Jerome Avenue. Mr. Johnson explained that the landscaping and amenities at Croton are complex and he responded to questions about why the construction period will take so long. Mr. Landau said that in his prior position at the Prospect Park Conservancy, construction of the Lakeside Center, which can be considered a comparable project, took approximately three years, similar to the schedule for this project.

There was an exchange with the FMC and members of the public about the features of storm water management and the reuse and circulation of storm water for irrigation of the grass and landscaping on the site. Mr. Johnson explained, as he has in the past, that the retention pond will be covered for safety and aesthetics. The design was modified in response to previous recommendations of the CFMC. Robert Press, 100% Bronx Democrats, asked about the quantity of site storm water. Mr. Johnson said there can be up to 5 million gallons per event and that 100% of storm runoff is being designed by Grimshaw for reuse. Additional comments were made by Mr. Press and Gary Axelbank, area resident, about the estimated construction budget, the 4% escalation factor, and the look of the park in the future as contrasted with the past appearance of the park. There was also a comment that 2-1/2 years of additional construction may seem burdensome but needs to be seen in the context that the community has not been able to use the area for more than 10 years.

A discussion took place among Messrs. Press and Anthony Rivieccio, CB #7, with DDC and DEP officials about the estimate of \$55 million attributable to the landscaping and club house in recent FY 2017 preliminary budget testimony. Mr. Rivieccio said there was a 20% escalation beyond the \$46 million that had been estimated previously. Mr. Johnson said that construction contingency may have been omitted in the \$44 million estimate and that contingency funding should appear in every project budget.

Mr. Torres inquired about Minority Business Enterprise/Women Business Enterprise (MBE/WBE) set asides and whether the upcoming construction contractors must follow new city rules. Although DDC officials believe the project contractor must follow all approved procurement requirements, DDC and Mr. Ersboll said they would confirm the new rules will apply and communicate further with Mr. Torres.

There was a question about trucking and whether the DDC contractor must follow the route previously set for DEP's excavation contractors that minimized trucks on local streets. DDC reported that there is far less trucking for the DDC contractor. Many trucks were required to transport large amounts of excavated material during the first phase of the DEP Croton construction because the Croton Filter Plant was built underground in a wide and deep excavation. DDC said that the community is unlikely to notice the DDC contractor's trucks entering or leaving the site; they will predominately be delivering construction materials.

There was a question about maintenance responsibilities. Mr. Macari said the golf concessionaire will have the majority of maintenance requirements. DPR and DEP are delineating agency responsibilities under a MOU that is under development.

Ms. Santiago-Walker asked about site security. Mr. Johnson said security is being determined, directed and operated by DEP because of the importance of protecting the city's water supply. Mr. Macari said the golf operator First Tee will have security staff and all maintenance employees will need a security clearance. Beyond the golf area, DPR will not provide security. The rest of VCP will be treated like all other parkland: if problems arise, the New York City Police Department (NYPD) is contacted for assistance and to maintain lawfulness in all NYC parks.

Mr. Landau added that many details will be addressed by the MOU between DPR and DEP. Ms. Walker-Santiago asked DDC when the CFMC can tour the upcoming construction. Mr. Ersboll said there may be green areas in a portion of the park that will be worth a tour by fall 2017.

Jerome Park Reservoir (JPR) Task Force Update

Mr. Landau said he has been in touch with the NYPD Counterterrorism Unit about the JPR Task Force's request to provide the community's perspective on security and public access at JPR. NYPD has agreed. A meeting is being scheduled and should occur in the next several weeks.

Ms. Walker-Santiago requested that JPR public access appear on the June CFMC meeting agenda.

As reported at the January CFMC meeting, Mr. Landau said that DEP is continuing the water education classroom study with the participation of most nearby public, private and parochial schools. Tours of JPR for 30 classes, involving about 900 students, will take place in May and June as weather improves. He said that the popular environmental education program continues to be highly successful.

Croton Costs Report and Construction Schedule

Bernard Daly, DEP, asked if there were questions or comments on the distributed Costs report through February 2016. There were no comments. (*Attachment 4*)

Croton construction (*Attachment5*)

As he explained previously Mr. Daly said the Croton Filter Plant began operations on May 7, 2015. He said DEP's water management staff determines on a daily basis how much Croton water will go into distribution, depending on DEP's operational needs. In response to Mr. Press's question, Mr. Daly said that for example today (March 22, 2016) 110 million gallons/day of Croton water was processed. Punch list work at the Croton Filter Plant continues. DEP's landscaping at VCP was completed in 2015.

Off site at JPR, Mr. Daly said the work in Shaft 3 that required a small area on Sedgwick Avenue at Goulden Avenue was completed at the end of February 2016. During the next few months, 100 linear feet of sidewalk and curb will be replaced and the road pavement will be repaired where the construction cordoned off space. No pedestrians will be inconvenienced during these repairs. New grass will appear later this spring. The “dog house” is gone. Mr. Ronda said the restoration of the area with inclusion of the paved “short cut” to the jogging path at the corner turned out well. Mr. Daly said that the demolition of the Microstrainer Building/Gate House No. 6 is underway. Work at Gate House No. 1 continues.

Messrs. Padernacht and Press asked about the status of East Wall repairs at JPR and to make modifications and repairs at several Gate Houses. It was explained that this work is not part of the Croton Filter Project. Mr. Landau said the scope for the work is in preparation, and construction may commence in 2018. Mr. Landau said the need for various DEP construction projects to be closely coordinated and managed is imperative to prepare for the upcoming Delaware Aqueduct shutdown. DEP has focused on demand management strategies to ensure sufficient water for NYC. In answer to a question Mr. Landau confirmed that DEP’s plan to supplement city surface water by blending it with Queens ground water is no longer being planned. Maximum flow of Croton water will be critical during the Delaware Aqueduct shutdown period.

Next Meeting

Mr. Padernacht said the next meeting is Thursday, June 16, 2016 at 7pm at the DEP office. [**Note:** the meeting was rescheduled to Wednesday, June 15th].

A motion to adjourn was accepted at 8:01pm.

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Anthony Macari	Department of Parks & Recreation	Arsenal - Central Park New York NY 10065	(212) 360-3420		tony.macari@parks.nyc.gov
Ivan Nedds	Office of Assembly Member Jeff Dinowitz	3107 Kingsbridge Avenue Bronx NY 10463	(718) 796-5345		neddsi@assembly.state.ny.us
Randy J. LaFargue	Department of Design & Construction	30 30 Thomson Avenue Long Island City NY 11101	(718) 391-2019		lafargueR@ddc.nyc.gov
Daniel Padernacht	Community Board #8	5676 Riverdale Avenue Bronx NY 10471	(718) 884-4740		dpadernachtcb8@gmail.com
Andrew Penzi	Department of Parks & Recreation	Olmstead Ctr Flushing Meadow- Corona Park Corona NY 11368	(718) 760-6577		andrew.penzi@parks.nyc.gov
Eric Johnson	Grimshaw Architects	637 West 27th Street New York, NY 10001	(646) 293-3600		
Gary Axelbank	Sedgwick Avenue Resident	N/A	(917)576-0341		gaxmail54@gmail.com
Bernard Daly PE	Department of Environmental Protection	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000		bdaly@dep.nyc.gov
Joshua Sephenson	Office of Council Member Andrew Cohen	277 W. 231st Street Bronx NY 10463	(718) 549-7300		jstephenson@council.nyc.gov
Martha Holstein	Strategic Urban Solutions, Inc.	335 Adams Street Brooklyn, NY 11201	(718) 625-1005		mholstein@urbansol.com
George L. Torres II	Community Board #12	4101 White Plains Rd Bronx NY 10466	(718) 881-4455		geotorres@cb.nyc.gov
Paul Ersboll	LiRo	3 Aerial Way Syosset NY 11768	(631) 704-2851		ersbollp@liro.com
Wilhelm Ronda	Office of Bronx Borough President Diaz	198 East 161st Street Bronx, NY 10451	(718) 590-8087		wronda@bxbp.nyc.gov
John Ziedonis	Department of Design & Construction	3030 Thomson Avenue Long Island City NY 11101	(718)391-2864		ziedonijo@ddc.nyc.gov
Effie Ardizzone	Department of Environmental Protection	59-17 Junction Blvd. Flushing NY 11368	(718) 595-3493		eleftheriaA@dep.nyc.gov
Vincent Falkowski	Department of Design & Construction	30 30 Thomson Avenue Long Island City NY 11101	N/A		falkowsvi@ddc.nyc.gov

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Shane Ojar	Department of Environmental Protection	59-17 Junction Blvd Flushing NY 11368	(718) 595-4148		solar@ddep.nyc.gov
Adaline Walker-Santiago	Community Board #7	229/A E. 204th Street Bronx NY 10458	(718) 933-5650		awalkersantiago@cb7.nyc.gov
Sheila Sanchez	Friends of the Oval Park	N/A	N/A		friendsovalpark@hotmail.com
Anthony Rivieccio	Community Board #7	3015 Perry Avenue Bronx NY 10458	(347) 575-5045		a_rivieccio@yahoo.com
Mike Ortiz	Department of Parks & Recreation	1 Bronx River Parkway Bronx NY	(718) 430-1870		michael.ortiz@parks.nyc.gov
Leonard Ferguson	Department of Design & Construction	3030 Thomson Avenue Long Island City NY 11101	(718) 704-3269		imarthbx@gmail.com
Robert Press	Bronx News	3155 Rochambeau Bronx NY 10467	(718) 653-6992		100percentbronxnews@gmail.com
Brian Farrelly	Croton Construction Management	3701 Jerome Avenue Bronx NY 10467	(718) 696-2000		brian.farrelly@arcadis.com
Margot Perron	Van Cortlandt Park Conservancy	1 Bronx River Parkway Bronx NY	(718) 430-1890		margot.perron@parks.nyc.gov
Christina Taylor	Friends of Van Cortlandt Park	80 Van Cortlandt Park South Bronx NY	(718) 601-1460		christina@vancortlandt.org

Agenda
Croton Facility Monitoring Committee Meeting

Tuesday, March 22, 2016 – 7:00 PM
DEP Office – 3660 Jerome Avenue, Bronx NY 10467 - (718) 231-8470

- | | |
|--|----------------------------|
| I Welcome, Open the Meeting | Dan Padernacht, Chair |
| II Adopt March CFMC Agenda | CFMC Representatives |
| III Consider, Adopt Previous Meeting
Minutes: June 22, 2015 & January 21, 2016 | CFMC Representatives |
| IV Update on VCP Landscaping & Clubhouse | DDC & DPR Representatives |
| V Jerome Park Reservoir – Update from Task
Force on Public Access | Task Force Representatives |
| VI Croton Costs Report & Construction Update | Vincent Moorehead, DEP |
| VII Old Business | CFMC Representatives |
| VIII New Business | CFMC Representatives |
| IX Set Next CFMC Meeting Date | CFMC Representatives |
| X Adjourn | |

Presentation for Facilities Monitoring Committee

Department of
Design and Construction

Croton Water Filtration Plant
Above Ground Structures & Landscape
DPR Facilities
March 22, 2016

Dr. Feniosky Peña-Mora
Commissioner

Attachment 3



Life Program and
Construction Management, PE PC
L.P.C.M. & C.M.P.C.

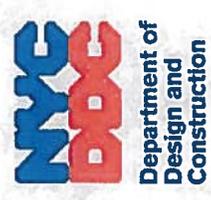


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FOR FACILITIES MONITORING COMMITTEE






Bronx Borough President
Ruben Diaz Jr.



THE NEW YORK CITY COUNCIL



Community Board No. 12
Bronx, New York City



Community Board No. 8
BRONX, NEW YORK CITY

WELCOME TO THE CITY OF NEW YORK

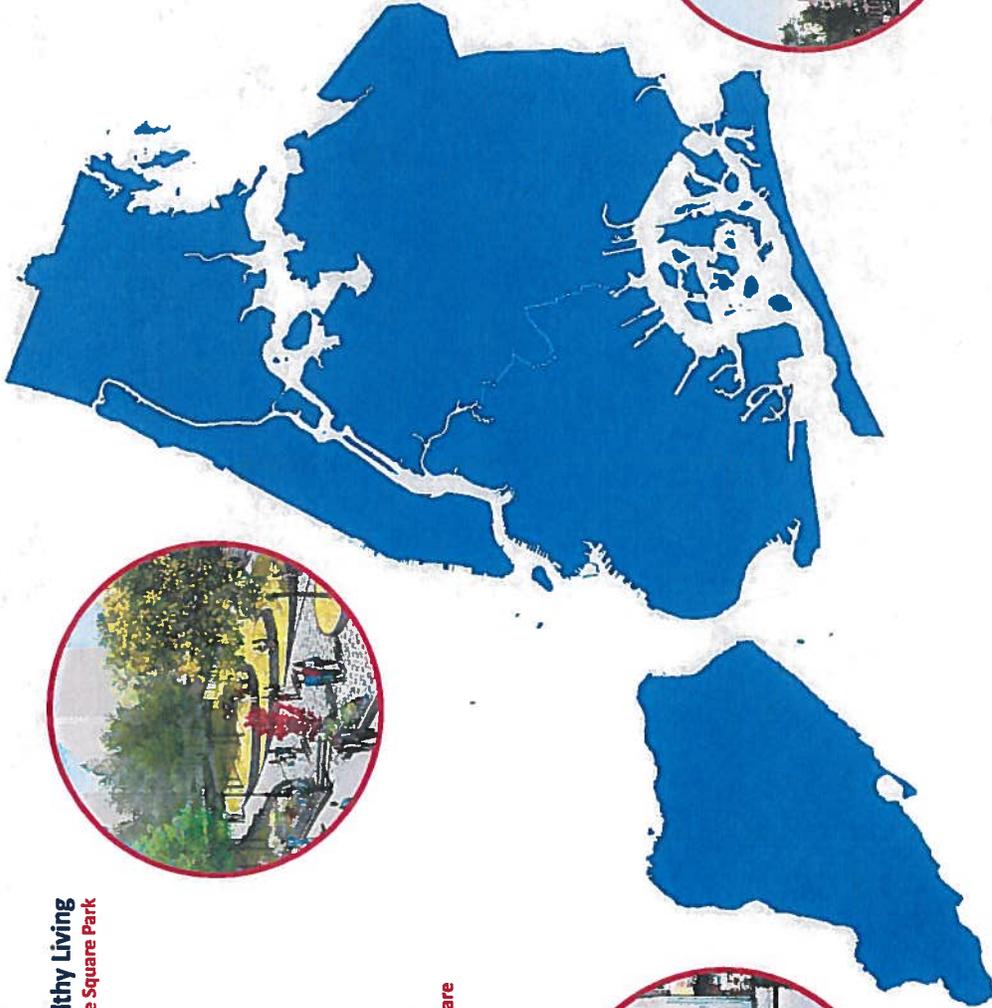


BRONX COMMUNITY BOARD 7

PUBLIC PARTNERS

MARCH 22, 2016





Healthy Living
Montefiore Square Park



Growth
Times Square



Equity
East Flatbush Library

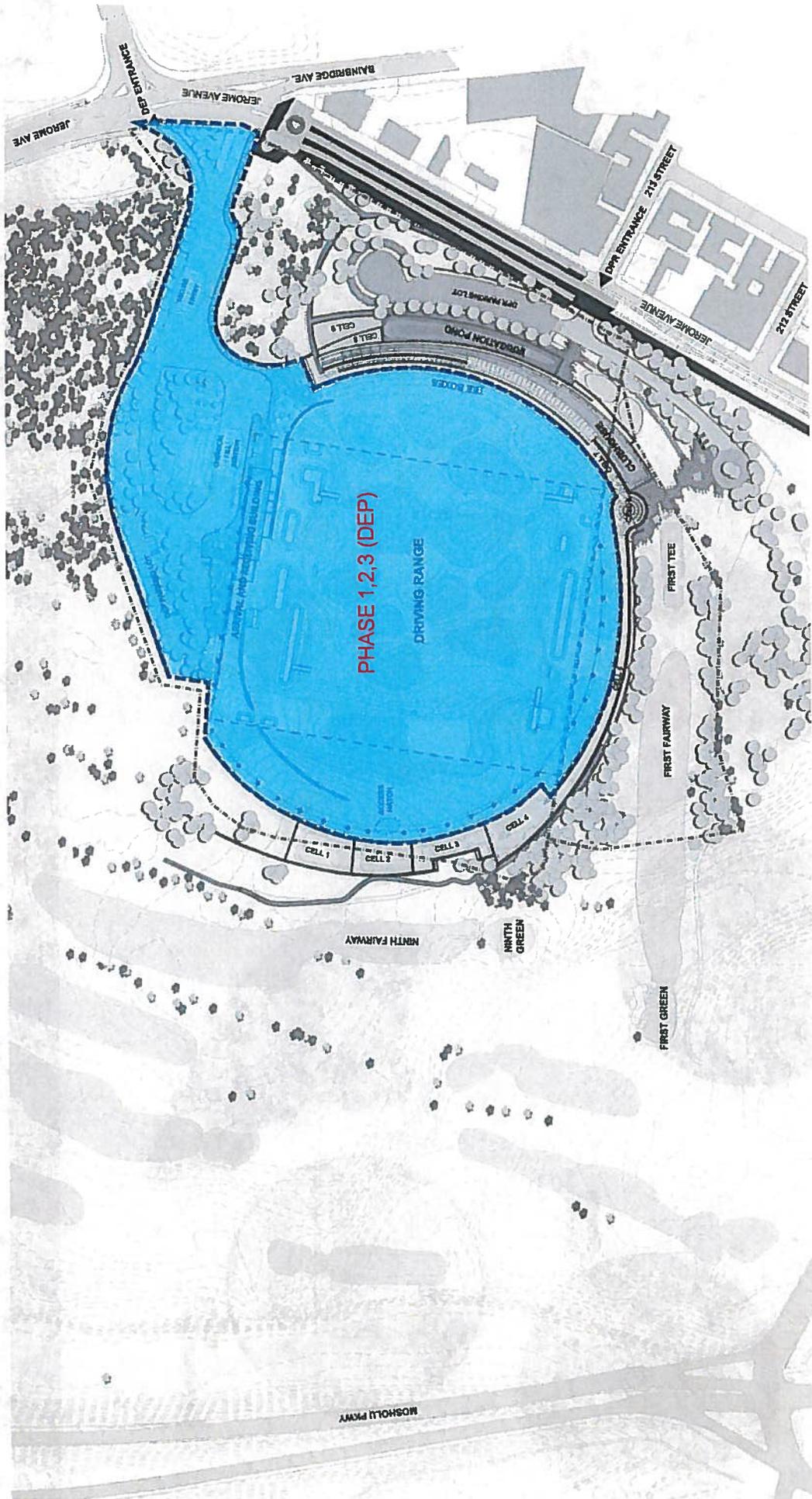


Resiliency
Eastside Coastal
Resiliency Initiative



Sustainability
Rescue Company 2





PROJECT PHASING BOUNDARY – DEP WATER FILTRATION PLANT - 2009

MARCH 22, 2016

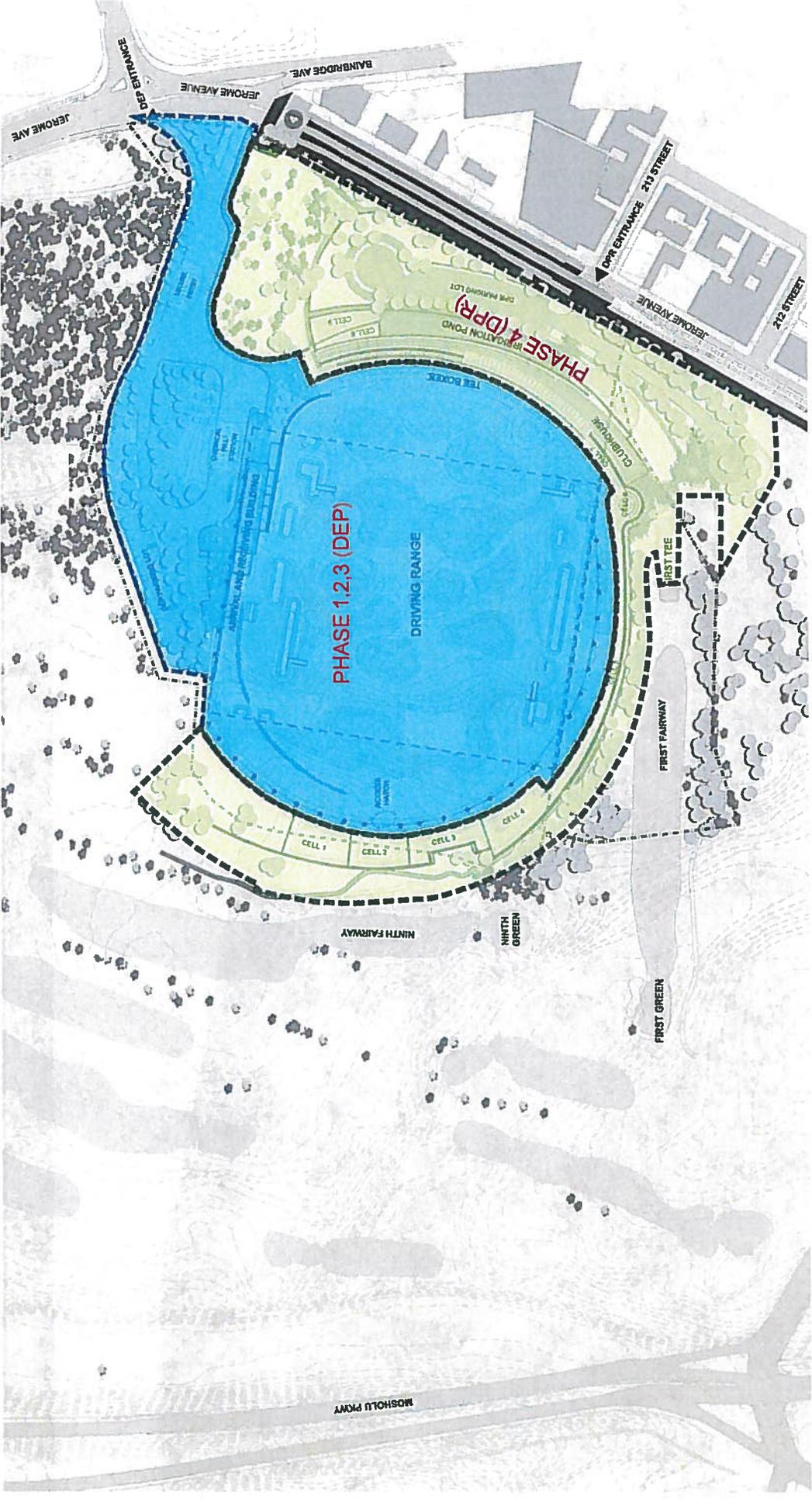
Life Program and
Construction Management, PE/PC
James G. Goss, PE/PC
James G. Goss, PE/PC



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Protection
WORKSHOP







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DPR FACILITIES MOSHOLU GOLF COURSE – 2009 DESIGN

MARCH 22, 2016

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Department of
Parks and
Recreation
WORKSHOP
FOR THE 100TH BIRTHDAY OF THE CITY

 NYC
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DPR FACILITIES MOSHOLU GOLF COURSE – 2014 DESIGN

MARCH 22, 2016

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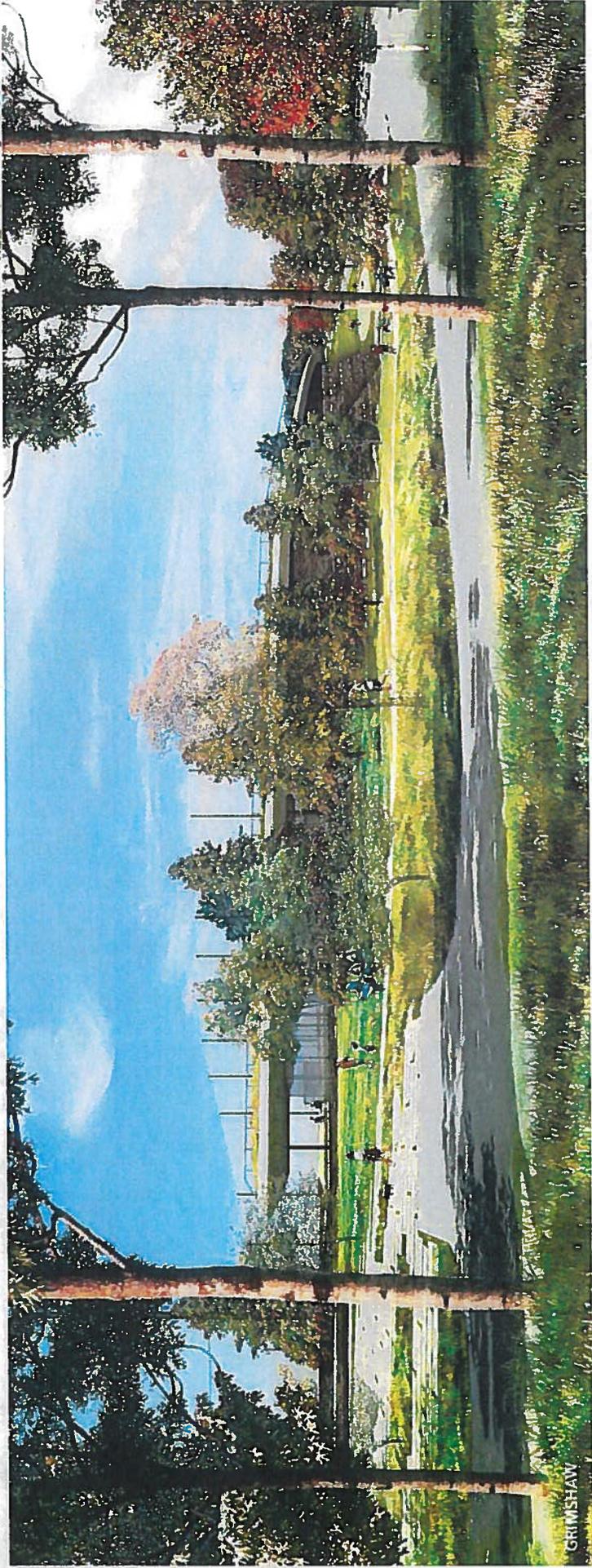
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KEY PLAN



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MOSHOLU GOLF COURSE CLUBHOUSE ENTRY – 2014 FINAL DESIGN

MARCH 22, 2016

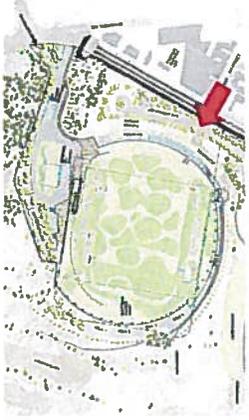
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Life, Program and
Construction Management, P.E./P.C.
2015-2016



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KEY PLAN



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MOSHOLU GOLF COURSE 213TH ST ENTRANCE – 2014 FINAL DESIGN

MARCH 22, 2016



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KEY PLAN



MOSHOLU GOLF COURSE PARKING LOT - 2014 FINAL DESIGN

MARCH 22, 2016





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DEP FACILITIES – 2014 FINAL DESIGN

MARCH 22, 2016

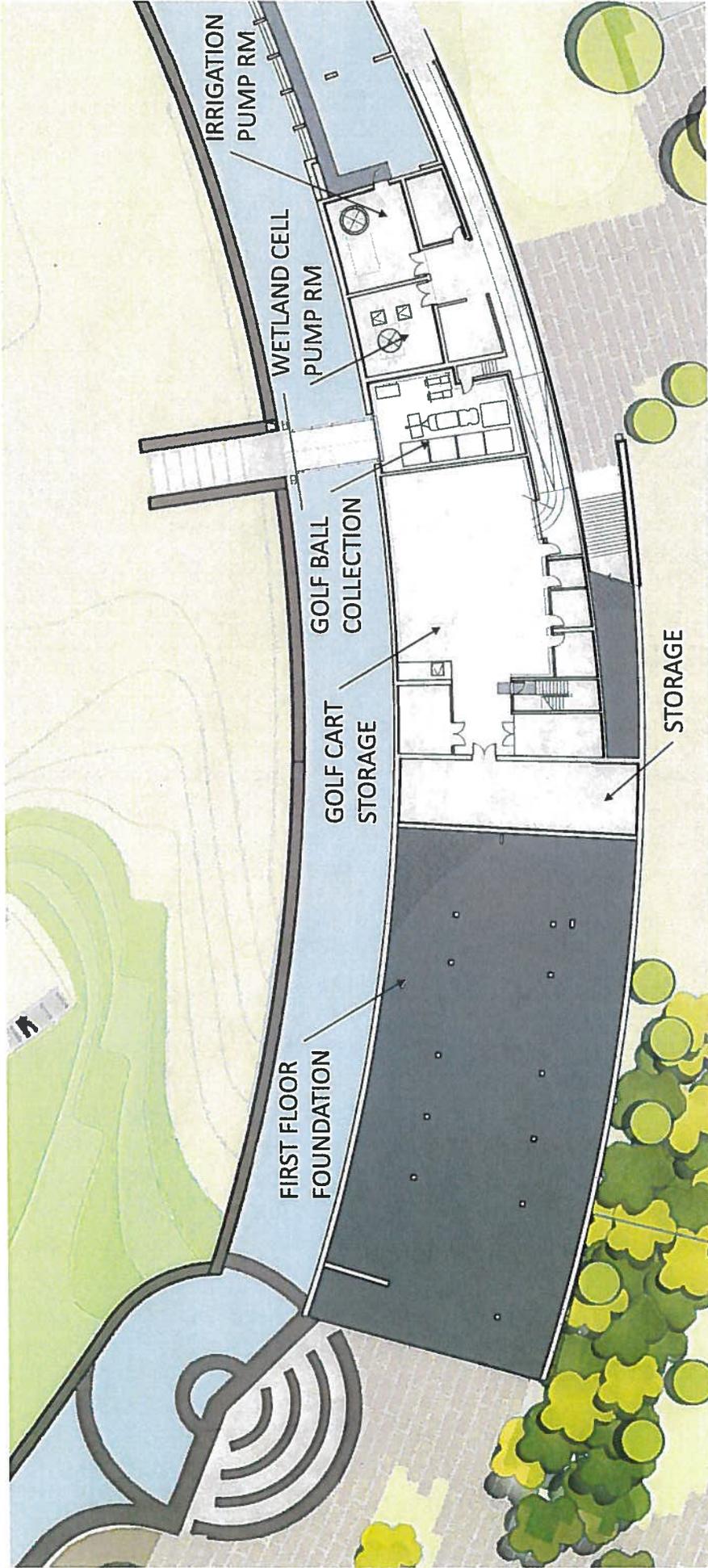
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DPR CLUBHOUSE – BASEMENT FLOOR PLAN

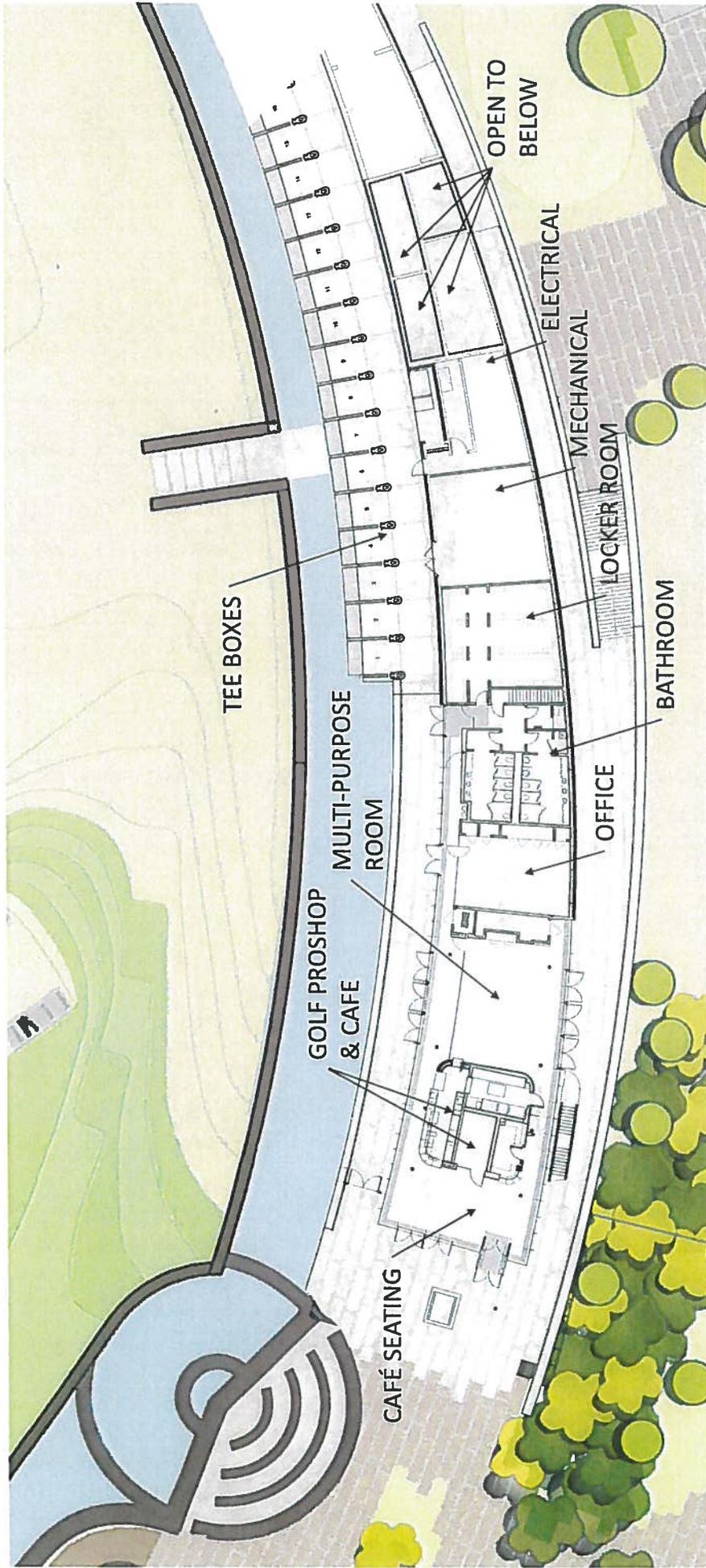
MARCH 22, 2016

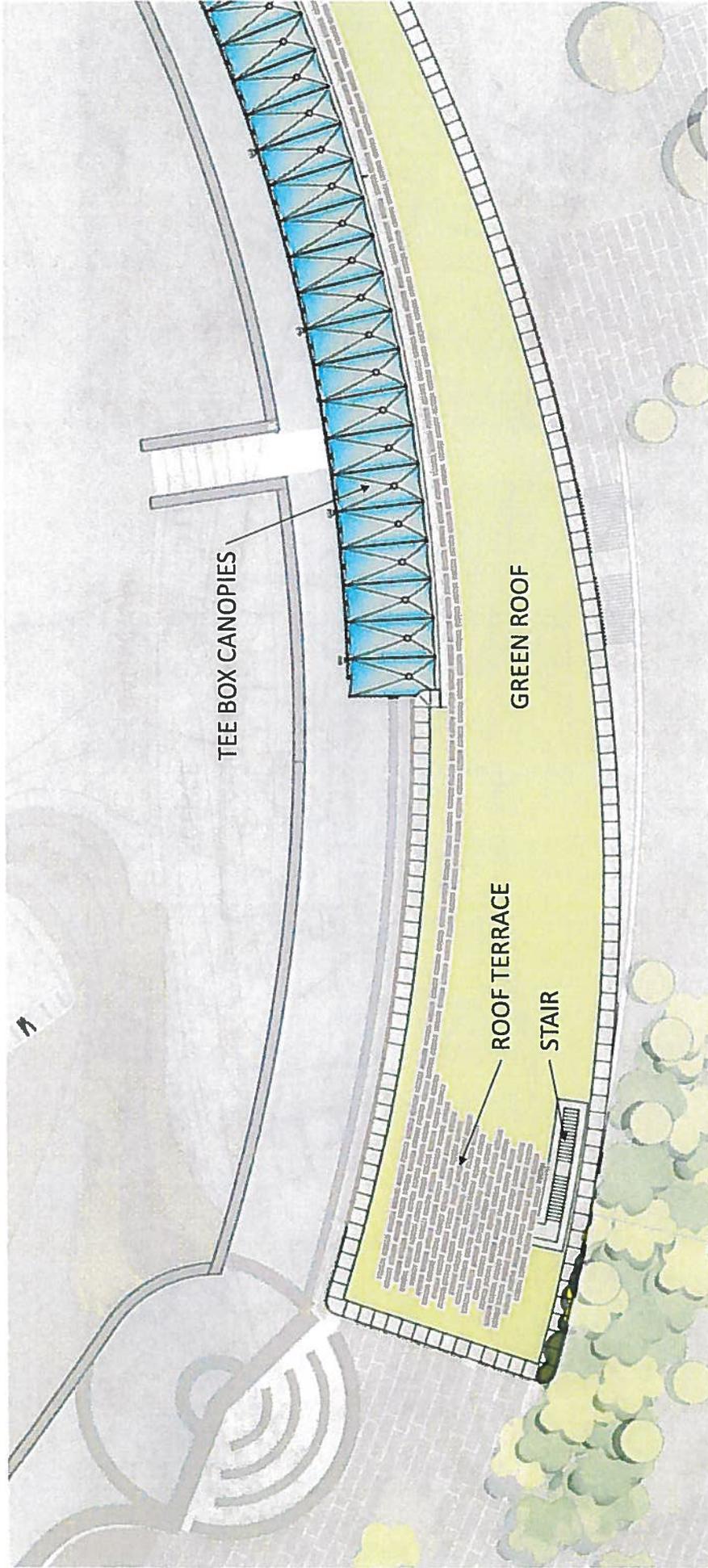
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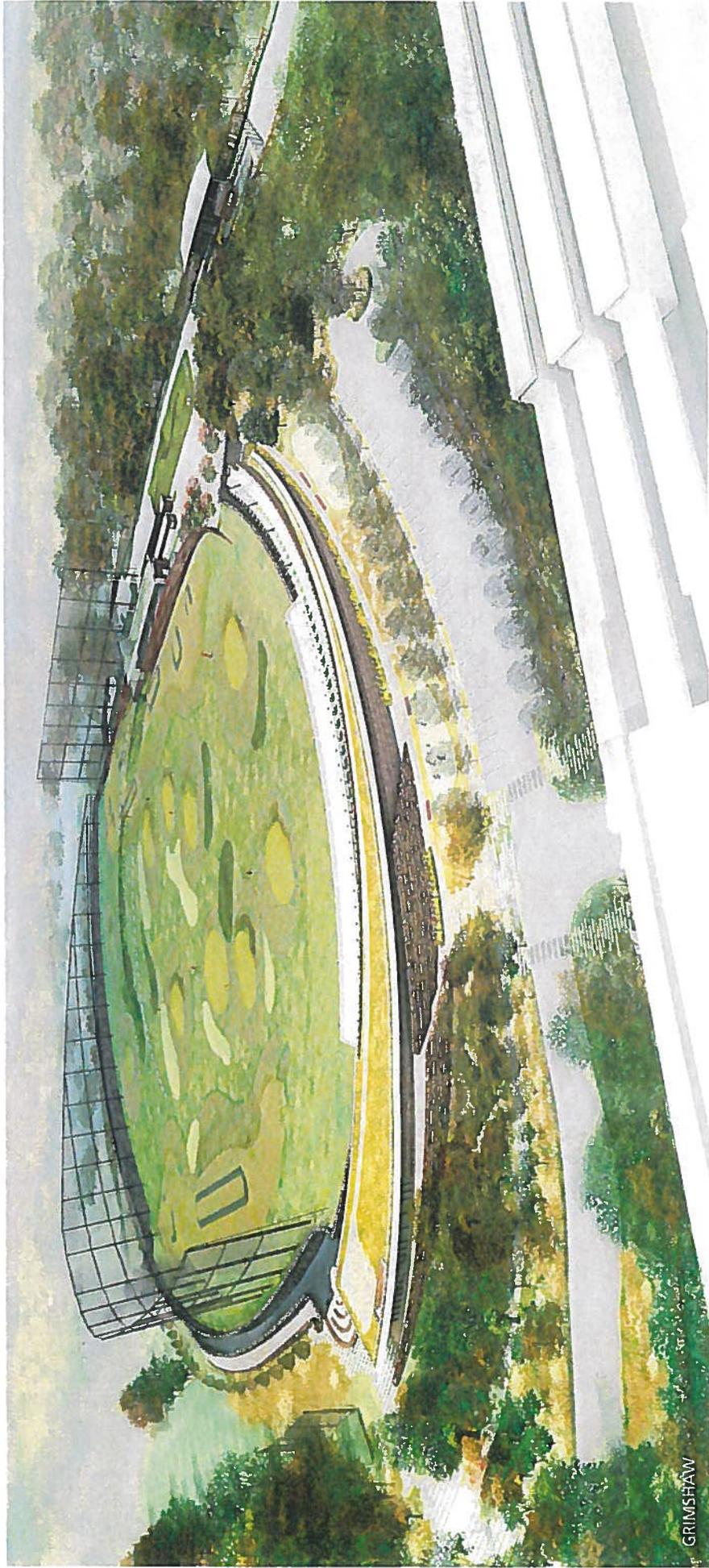
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DEP FACILITIES – 2014 FINAL DESIGN

MARCH 22, 2016

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Outreach Contact Information



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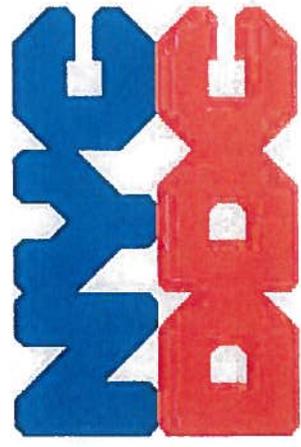


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Environmental
Administration
WORKSHOP
1101 AVENUE OF THE AMERICAS, 11TH FLOOR





**Department of
Design and
Construction**

WM-11 Croton Water Treatment Plant
Cost Summary as of 2/29/2016

Croton WTP Construction Costs									
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	Amount Invoiced to Date	% Contract Increase	% Complete based on Amount Invoiced to Date		
CRO-311	Schiavone Construction Co.	\$127,680,000	-\$14,445,214	\$113,214,786	\$113,214,766	-11%	100%		
CRO-312G	Skanska/Tully, JV	\$1,327,700,000	\$198,794,227	\$1,526,494,227	\$1,473,773,400	15%	97%		
CRO-312E1	Schlesinger-Siemens, LLC	\$134,680,000	\$60,609,683	\$195,289,683	\$166,584,361	45%	85%		
CRO-312E2	Schlesinger-Siemens, LLC	\$37,678,000	\$15,653,041	\$53,331,041	\$46,881,173	42%	88%		
CRO-312H	Durr Mechanical Construction	\$105,700,000	\$31,627,428	\$137,327,428	\$129,141,610	30%	94%		
CRO-312P	Picone/WDF, JV	\$58,475,000	\$17,335,338	\$75,810,338	\$72,424,895	30%	96%		
CRO-312OS-G	Picone-Schilavone, JV	\$96,842,500	\$37,931,014	\$134,773,514	\$127,143,237	39%	94%		
CRO-312OS-E	Eldor Electric	\$15,762,500	\$4,602,275	\$20,364,775	\$18,567,291	29%	91%		
CRO-312OS-H	AWL Industries	\$822,000	\$56,971	\$878,971	\$637,594	7%	73%		
CRO-312OS-P	JPP Plumbing	\$872,000	\$238,455	\$1,110,455	\$959,100	27%	86%		
CRO-312FM (1)	Maspeith Supply Co, LLC	\$18,626,745	-\$15,138,445	\$3,488,300	\$2,432,351	-81%	70%		
CRO-313	Schilavone/Picone, JV	\$212,227,000	-\$6,581,381	\$205,645,619	\$205,645,619	-3%	100%		
CRO-315G	Angelakis Construction Corp.	\$3,641,000	\$2,282	\$3,643,282	\$3,643,282	0%	100%		
CRO-315E	Interphase Electric	\$807,317	\$144,874	\$952,191	\$952,191	18%	100%		
CRO-312CE	Con Edison	\$4,074,526	\$0	\$4,074,526	\$4,073,526	0%	100%		
TOTAL		\$2,145,588,588	\$330,830,648	\$2,476,399,136	\$2,366,074,416	15%	96%		
Croton WTP Design / Construction Management Costs									
HED-543 DES	Metcalf & Eddy / Hazen and Sawyer, JV	\$44,226,000	\$255,269,498	\$299,528,182	\$298,008,328	575%	100%		
HED-545 CM	URS/Malcolm Pirnie, JV	\$83,400,000	\$109,317,752	\$172,717,752	\$172,553,791	172%	100%		
TOTAL		\$107,626,000	\$364,587,250	\$471,245,934	\$470,562,119	338%	100%		

Rehabilitation of the New Croton Aqueduct Construction Costs									
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	Amount Invoiced to Date	% Contract Increase	% Complete based on Amount Invoiced to Date		
CRO-334G	Frontier-Kemper/Schilavone/ Picone JV	\$91,686,805	\$18,876,322	\$110,573,127	\$110,018,978	21%	99%		
CRO-334E	Community Electric	\$1,119,000	\$117,936	\$1,236,936	\$1,236,936	11%	100%		
TOTAL		\$92,805,805	\$18,994,258	\$111,810,063	\$111,255,914	20%	100%		
Rehabilitation of the New Croton Aqueduct Construction Management Costs (2)									
TCM-CRO-334	Washington/HAKS JV	\$5,952,448	\$3,190,002	\$9,142,448	\$9,115,570	54%	100%		
TOTAL		\$5,952,448	\$3,190,002	\$9,142,448	\$9,115,570	54%	100%		

Notes:
(1) Costs shown for CRO-312FM are for the original Force Main Route to Hunts Point WPCP.
(2) Design costs for CRO-334G and CRO-334E are included in Contract HED-543 DES.

WM-11 Croton Water Filtration Plant
 Facility Monitoring Committee
Look-Ahead Schedule
 March 22, 2016

Task	Current Forecasted Completion	Mar-16				Apr-16				May-16				Jun-16				Jul-16				
		WK3	WK4	WK1	WK2	WK3	WK4															
CRO-312 - Water Filtration Plant Construction at Mosholu Site Plant in Operation Supplying Treated Water to Distribution System Remaining Auxiliary Systems and Above Grade Work Miscellaneous Change Order and Punch List Work in Plant	Ongoing																					
	12/31/2016																					
	12/31/2016																					
Golf Course Clubhouse, Driving Range, Etc.	TBD																					
CRO-31205 - Off-Site Facilities at Jerome Park Reservoir and Gate House No. 1 Replace Hatch at Gate House No. 1 and Restoration of Area Demolition of Microstrainer Building and Restoration of Area Shaft 3 including Restoration Work	4/15/2016																					
	5/31/2016																					
	6/2/2016																					

(A) = Actual Completion Date