

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)**  
**CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES**  
**TUESDAY, OCTOBER 28, 2014 – 7:00 PM**

The Croton Facility Monitoring Committee (CFMC) met on Tuesday, October 28, 2014 at the DEP Office, 3660 Jerome Avenue, Bronx, NY 10467.

**Welcome**

Chair Father Richard Gorman called the meeting to order at 7:15 pm. Attending were Fr. Gorman; Hector Aponte, Bronx Borough Commissioner, Department of Parks and Recreation (DPR); Wilhelm Ronda, Representative of Borough President Ruben Diaz, Jr.; Barbara Stronczner, Vice Chair, Community Board #7; Daniel Padernacht, Chair, Community Board #8; Eric Landau and Shane Ojar, Representatives of Department of Environmental Protection (DEP), members of the public, city agencies, and the press. (Attendance list is *Attachment 1*)

**Adoption of Agenda**

The agenda was unanimously adopted. (*Attachment 2*)

**Adoption of Minutes**

With a modification to the minutes pertaining to removal of the noise wall at Jerome Park Reservoir (JPR) that was requested by Fr Gorman earlier in the day, the CFMC adopted the minutes of June 24, 2014. Motion to adopt was offered by Mr. Ronda, seconded by Ms. Stronczner. Mr. Padernacht abstained because he did not attend the June meeting.

**Remarks by Eric Landau, Associate Commissioner, DEP Public Affairs**

Mr. Landau said that he and DEP Commissioner Emily Lloyd appreciate the work of the Croton FMC and view FMCs as DEP's partners in improving the city's environment. He said that he was bringing good news: DEP has agreed to pay for planting 553 trees to account for the trees that were removed in and around JPR. There was a discussion about where and when new trees would be planted, their size and the warranty period. Andrew Penzi, DPR, and Mr. Aponte provided information and answers. New trees will go into public spaces, likely not in sidewalks, and will be located in a zone which radiates from JPR and Ft. Independence Park. Planting might begin during the spring planting season, depending on DPR tree-planting contracts. Mr. Aponte said, as he has before, that DPR Forestry has begun to plot the eligible and suitable locations. Assembly Member Jeffrey Dinowitz and Mr. Padernacht said they would like to work closely with DPR to select locations and to suggest other locations, including sidewalk areas, where trees are needed. There was additional discussion about tree replacement where pin oaks were lost near Van Cortlandt Village, and near the new JPR jogging path. Area resident Gary Axelbank said that the agreement between DPR and DEP about payment for trees took too long and he requested that the minutes reflect that NYS Department of Environmental Conservation did not specifically order trees to be removed from JPR. Robert Press, Bronx News, cautioned against clumping trees together, with the hope that one or two would survive. Mr. Aponte said each tree would be carefully located and monitored for survival. He said DPR would consider the community's request for street tree pits as part

of the plan. Mr. Padernacht asked to have DPR contracts for tree planting shared with the Community Boards in January, if they are ready, so the public can see the locations.

Mr. Landau then spoke about public access to JPR. He described the short length of time, once Croton is activated, from when water in JPR basins passes through the Croton Filter Plant and goes into distribution, and the small size of JPR as measured against the larger reservoirs upstate and their detention periods. He said that while the public will not have open access to JPR in the future, DEP is committed to establishing pilot public access events after JPR construction is complete, to bring students onto JPR and explain the city's water system. Mr. Landau said that DEP maintains a very active environmental education program, and the JPR pilots will fit well into that framework. Anne Marie Garti, Jerome Park Conservancy, reviewed the history of public access events at JPR under several prior DEP Commissioners as well as her knowledge about the water system which differs from DEP's version. There was further discussion by Messrs. Dinowitz, Padernacht, Axelbank, and others about public access. Fr. Gorman said DEP and the community should continue the dialogue and that initiating pilots with students seems appropriate. Fr. Gorman distributed a resolutions calling for JPR public access. He and the CFMC deliberated on the resolution. Comments to tone down the resolution were made by Messrs. Ronda, Sandler and Padernacht because of DEP's good faith efforts to work cooperatively with the CFMC. Additional language was proposed by Mr. Padernacht, after which the resolution (*Attachment 3*) was adopted by five votes, on a motion made by Mr. Padernacht, and seconded by Mr. Ronda.

#### **Department of Design and Construction (DDC) Presentation**

DDC's Assistant Commissioner Rebecca Clough spoke about the status of the design and schedule for construction of the landscaping at Van Cortlandt Park (VCP) once the DEP and contractors' trailers are off site. She said DDC expects the bidding to begin in December 2014, with site preparation commencing in spring 2015. After construction starts in May, it is anticipated there will be a 30 month construction period and DDC estimates 2017 for end of construction. Eric Johnson, Grimshaw Architects, reviewed the earlier plan for VCP landscaping and showed improvements to the plan made in concert with past CFMC recommendations (*Attachment 4*). Following the presentation, Ms. Clough and Mr. Johnson, along with representatives from DEP and DPR, answered questions about netting poles, maintenance, the concessionaire, a concessionaire agreement, and above-ground elevations. Karen Argenti, Ft. Independence Park Neighborhood Association, asked Mr. Johnson for a VCP topographic map. Christina Taylor, Friends of VCP, asked about separate entrances to the Croton Filter Plant and to the golf course. Mr. Press asked about an evacuation plan for the neighborhood. Ms. Garti asked whether the decorative walls along Jerome Ave will be removed.

Mr. Ojar said that DEP and DPR are working on many agreements that will ultimately result in Memoranda of Understanding. From DEP, the bureaus responsible for security and operations are involved in developing the agreements, after which DEP will consult in detail with DPR officials. There will be both short term and long term agreements. A maintenance agreement is required by the Public Design Commission.

### Croton Costs and Construction Schedule

There were no questions or comments about the costs report through September 30 (*Attachment 5*).

Bernard Daly, DEP, provided the construction update (*Attachment 6*).

Construction is continuing on the DEP police booth at the DEP entrance driveway. The second entrance to the VCP site at 213 Street and Jerome Avenue is complete and in use. Gabion and retaining walls installation continues. Green roof foam, soil and seeding are near completion. Exterior finishes are being applied to the above-ground structures. Inside the Croton Filter Plant, startup and testing of equipment in the plant was completed by mid-March, 2014 and test operations continued until they were shut down in June. During the shutdown period, the contractors made modifications and adjustments to equipment and processes. Re-disinfection of the Croton Filter Plant is underway. Beginning in mid-November, water is expected to flow through the plant and will be discharged into the Harlem River through Shaft 25. Electrical work on the fire alarm systems inside the plant, as well as electrical work in the above-ground structures, and the security systems throughout the plant, continues. Startup and testing of fire suppression systems are underway. HVAC equipment, and systems inside the plant are in startup and testing mode. Installation continues on HVAC equipment and piping in the above-ground structures.

DEP has a new consent order which requires that filtered Croton water be put into distribution by mid-May, 2015.

In answer to questions, Mr. Daly explained that water from Hillview Reservoir can piped to the Croton Filter Plant Pump Station but it will not get filtration. Although Hillview water will by-pass filtration, because of the Plant's design flexibility, this water can be mixed with filtered Croton water and go into distribution.

### Off-Site work at Jerome Park Reservoir and at Gate House No. 1

Work is complete in the Shaft and Meter Chamber.

A damaged section of the floor of JPR's North Basin will be repaired with new concrete beginning in November. At Gate House No. 1 the upgrade to the permanent electric power will begin shortly. Fencing around that Gate House is complete. Work at Gate House No. 2, No. 3 and No. 6 is complete. At Gate House No. 5 work continues on the entry point monitoring system. At Gate House No. 7 new windows were installed. Underground work at Shaft 3 has required the continued closure of part of an eastbound lane at Sedgwick Avenue until January 15, 2015 with virtually no impact on travel. Pipe and valve installation work in Shaft 3 is underway now that the abatement work is complete. Among the activities remaining at Shaft 3 is the installation of a new access point in the grassy lawn at Goulden and Sedgwick Avenues that will replace the "doghouse". This work is expected to be completed by spring, 2015.

The contractor has not been able to demolish the Microtrainer Building because additional asbestos was detected. DEP's asbestos task force will remediate it in advance

of demolition. At the Demonstration Filter Plant foundation slab, the adjusted schedule for its removal is spring 2015.

Mr. Axelbank raised the problem of flying insects in the JPR neighborhood. Mr. Daly said DEP is aware of this but it is not tied to the Croton construction and the situation has been seen in the community in years past.

Ms. Garti requested that water fill the JPR basins as soon as possible for the community's enjoyment. Mr. Landau said he would discuss this with the operating bureau. Ms. Garti, Ms. Argenti, and Mr. Press asked for more information about the reason and effects related to the basin wall work at JPR and about DEP's plans to do further work at the gate houses.

### **Old Business**

#### **DPR Jogging Path project**

Mr. Aponte and Andrew Penzi, DPR, said that the contractor continues to use approximately ten workers per day for construction of the jogging path project and the contractor has replaced the plumbing subcontractor. Construction completion is now projected for mid-December 2014, with a contractor's guarantee of one year. DPR has not found severe ponding conditions but has been responsive to complaints from Council Member Cohen and Community Board #8 about ponding at the entrance and in the park. The water supply system was extended to feed ground hydrants in the dog runs in response to a Community Board request. The contract does not have provisions for dog-drinking fixtures, but the utility location now allows for the potential add-on of a fixture by others. A punch list from Community Board #8 and from Mr. Sandler will be addressed. DPR's quality assurance group has deemed the project acceptable.

#### **Robert Solomon's Correspondence**

Mr. Landau and Mr. Ojar said all of Mr. Solomon's correspondence that alleges problems with safety and/or improper work have been reviewed and evaluated by DEP. Where any items are legitimate, they are immediately addressed. Other concerns have not proven accurate. An Independent Monitor has been employed on the project since 2007. DEP will continue to review any issue raised by Mr. Solomon. The CFMC should be aware that law enforcement has assessed monetary and criminal penalties on individuals and actions related to Mr. Solomon's former company.

### **New Business & Next Meeting**

Fr. Gorman said the Independent Budget Office will make a presentation at the next Croton FMC meeting, which will be on Tuesday, November 25. He requested that DEP First Deputy Commissioner Steven Lawitts attend the meeting if DEP Commissioner Lloyd cannot.

The meeting adjourned at 10:05pm.

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## Agenda

### Croton Facility Monitoring Committee Meeting

Tuesday, October 28, 2014 – 7:00 PM

DEP Office – 3660 Jerome Avenue, Bronx NY 10467 - (718) 231-8470

- |  |   |
|--|---|
| <b>I</b> Welcome and Call to Order   | Father Richard Gorman, Chair            |
| <b>II</b> Consider, Adopt October CFMC Agenda  | CFMC Representatives                    |
| <b>III</b> Consider, Adopt 6/24/14 Meeting Minutes   | CFMC Representatives                    |
| <b>IV</b> Brief Remarks from the DEP Commissioner's Office – including Comments about Public Access to Jerome Park Reservoir | Eric Landau, DEP                        |
| <b>V</b> Update on Department of Design & Construction Landscaping & Schedule  | Rebecca Clough, DDC                     |
| <b>VI</b> Croton Costs Report & Construction Schedule  | Bernard Daly, DEP                       |
| <b>VII</b> Discussion - Old Business   | CFMC Representatives, Agencies & Public |
| <i>Update on Jogging Path Project</i>  | Andrew Penzi, DPR                       |
| <i>Update- JPR Tree Removal &amp; Replanting</i>   | DPR and DEP                             |
| <i>Update - Robert Solomon Correspondence</i>  | Shane Ojar, DEP                         |
| <b>VIII</b> Discussion - New Business  |   |
| <b>IX</b> CFMC Discussion & Confirm November 25, 2014 for next CFMC Meeting  | CFMC Representatives                    |
| <b>X</b> Adjourn   |   |

## RESOLUTION

***RE***

### **ACCESS TO JEROME PARK RESERVOIR (J.P.R.)**

**Meeting of the Croton Filtration Monitoring Committee (C.F.M.C.)**

**Tuesday, 28 October 2014 - 7:00 P.M.**

**N.Y.C.D.E.P. Community Office**

**3660 Jerome Avenue The Bronx, New York 10467**

***Whereas***, the 2011 Report and Recommendations of the Jerome Park Reservoir Access Working Group commissioned by Commissioner Emily Lloyd (Lloyd Report) recommended in March 2011 a pilot program to Bronx Borough President Ruben Diaz, Jr. when construction was completed; *and*

***Whereas***, the Croton Water Treatment Plant and its off-site construction at the Jerome Park Reservoir (JPR) is coming to an end to construction at both sites; *and*

***Whereas***, DEP officials state that the water in JPR is just 30 minutes from the tap of a NYC water user, while the Lloyd Report describes JPR's function after the Croton Water Filtration Plant is in operation on page 3 , that when "the Croton Filtration Plant is operating, un-treated ("raw") water from the New Croton Reservoir will flow into JPR, ..... all water released for in-city distribution will go through the Croton Water Filtration Plant ....." and therefore not JPR (emphasis added); *and*

***Whereas***, presently no Croton Water is delivered to the in-city distribution system, and none has been since 2008; *and*

***Whereas***, the New York City Department of Environmental Protection (DEP) has presented new deconstruction of the Gate Houses and rehabilitation of the eastern wall inside the fence of the JPR which is in the planning stage and has neither received final approval nor set a bid timeline or start date for work to commence; *and*

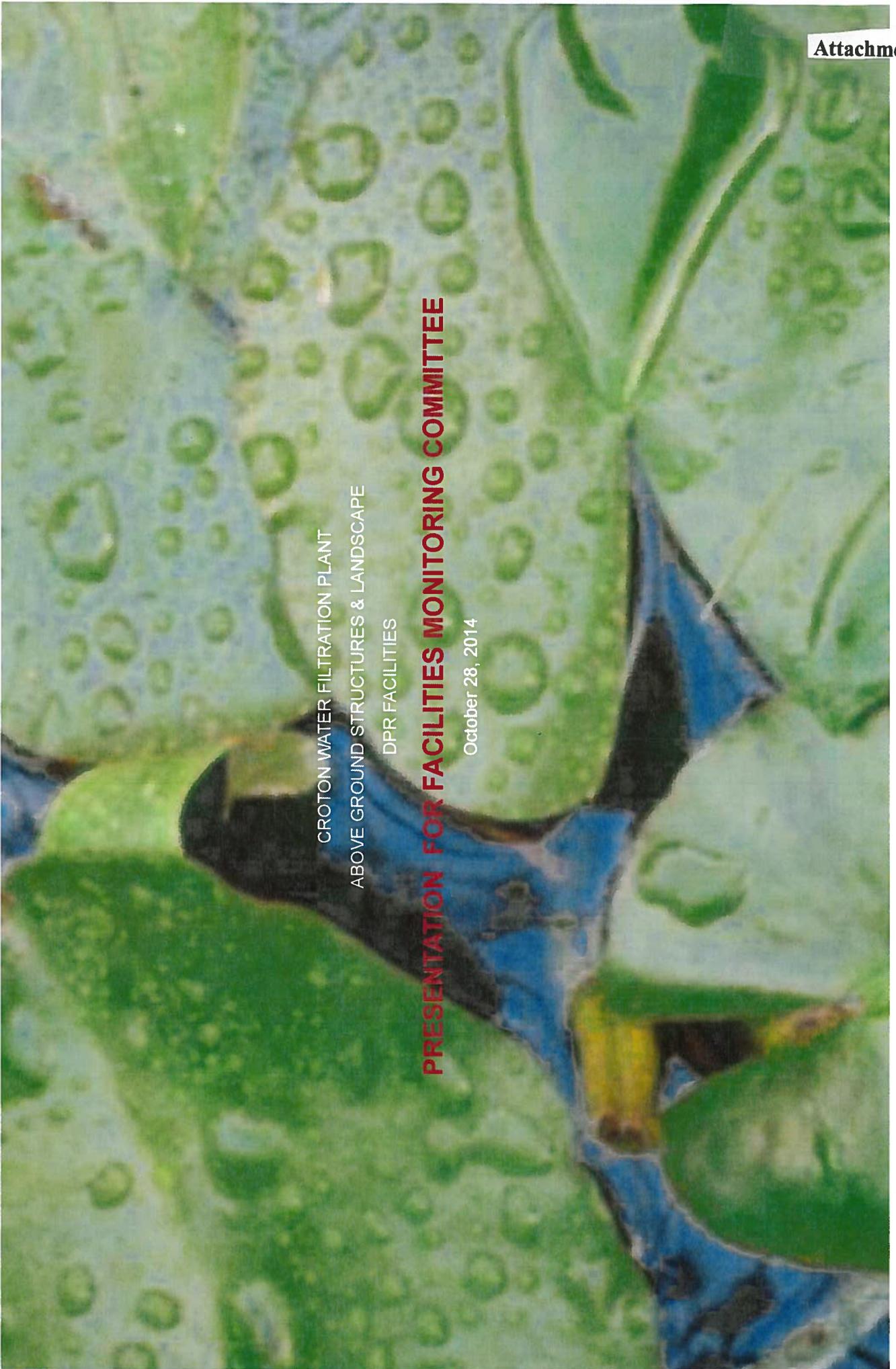
***Be it therefore resolved***, that this opportunity to affirm the recommendations in DEP's March 2011 report be used to expeditiously initiate the pilot program as proposed to the Bronx Borough President by DEP Commissioner Caswell Holloway in 2011, and that the JPR public access plan contain those proposed elements concerning the pilot access program: (1) it should consist of several days; (2) it should provide for the use of the perimeter path if the path is safe for public use; (3) it should include an educational tour of the site and its facilities; (4) it should include a less-structured type of "open house" where residents could have access to specific parts of the site; and, (5) that the specific elements of the pilot program should be developed with the input and participation of the community and other interested stakeholders; *and*

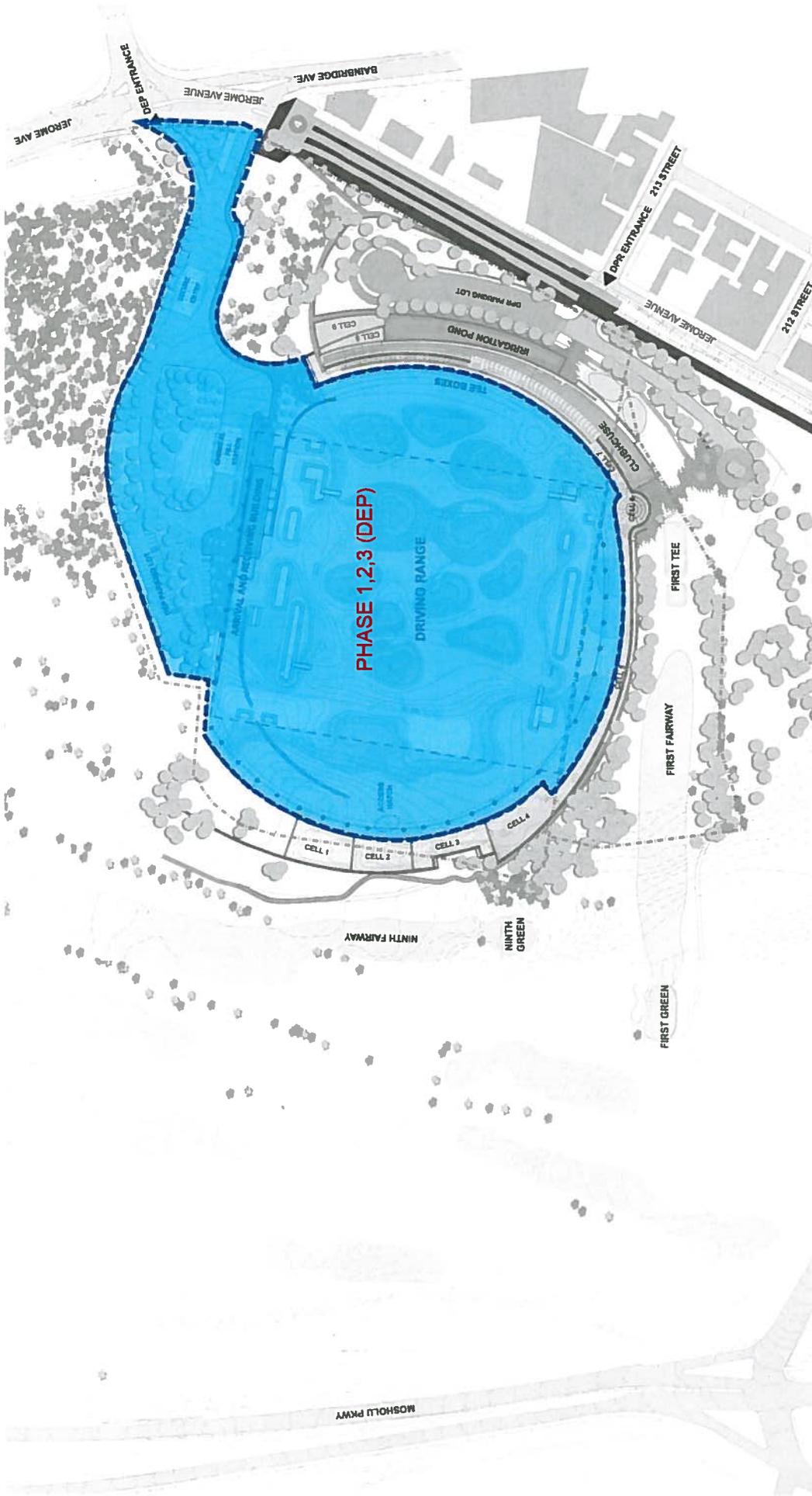
***Be it therefore further resolved***, that the community seeks controlled open access to the Reservoir upon completion of the Croton Water Filtration Plant and the community recognizes the difference of opinion which exists with DEP as to the amount of open access that should be available upon completion of the project.

CROTON WATER FILTRATION PLANT  
ABOVE GROUND STRUCTURES & LANDSCAPE  
DPR FACILITIES

**PRESENTATION FOR FACILITIES MONITORING COMMITTEE**

October 28, 2014



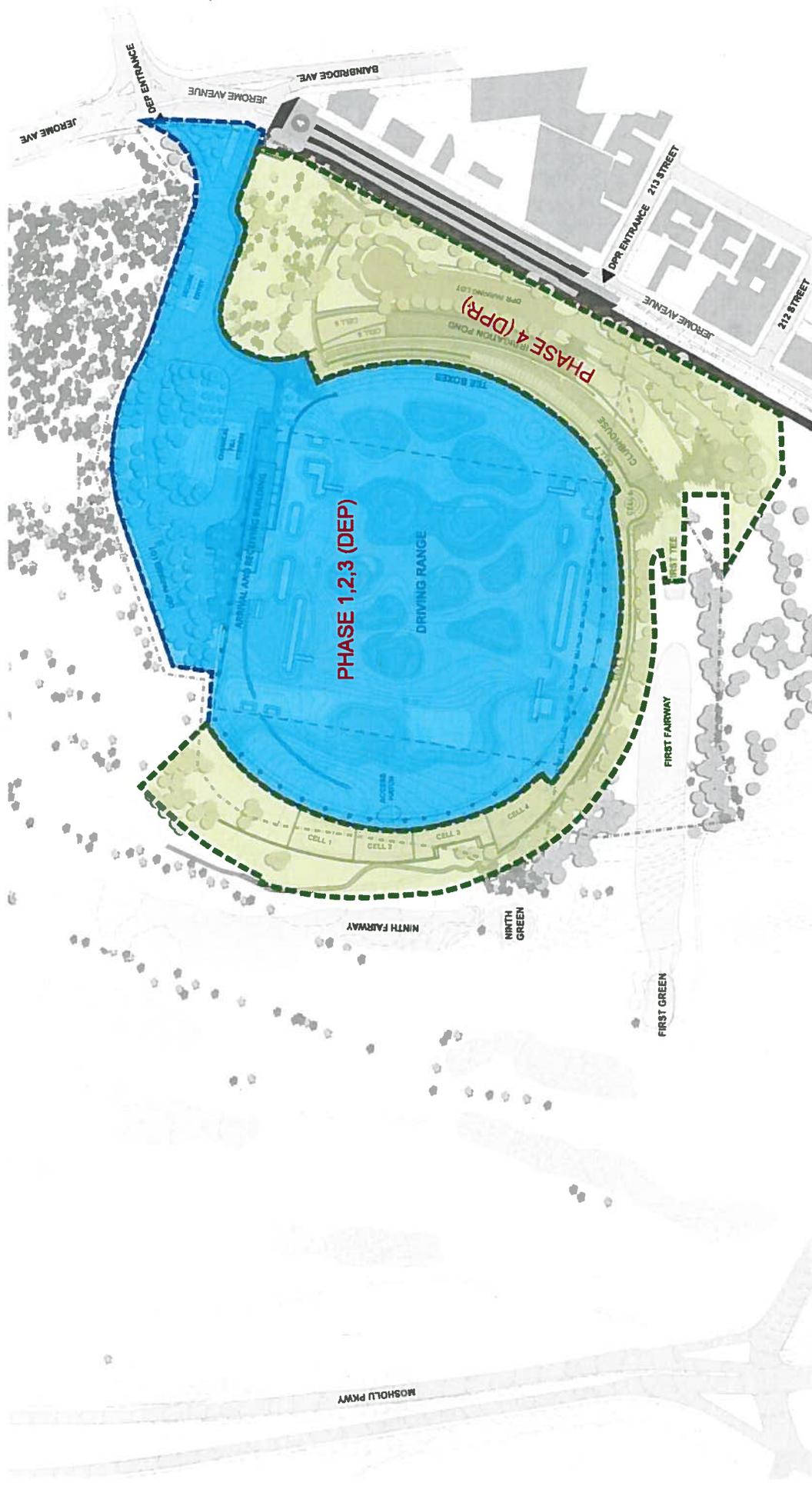


**PROJECT PHASING BOUNDARY**  
 DEP WATER FILTRATION PLANT

**SITE PLAN**  
 SCALE 1" = 200'

**CROTON DPR FACILITIES**  
 October 28, 2014

**GRIMSHAW**  
 WORKSHOP  
 AECOM  
 Environmental  
 Protection  
 DESIGN + CONSTRUCTION



**PROJECT PHASING BOUNDARY**  
**GOLF COURSE CLUBHOUSE & LANDSCAPE**

**SITE PLAN**  
**SCALE 1" = 200'**

**CROTON DPR FACILITIES**  
**October 28, 2014**

**GRIMSHAW**  
 WORKSHOP  
 1000 WEST 10TH AVENUE SUITE 100  
 DENVER, CO 80202  
 (303) 733-8800  
 WWW.GRIMSHAW.COM

**Environmental Production**

**DD**  
 DENVER CITY DEPARTMENT OF  
 DESIGN & CONSTRUCTION

**NYC Parks**



GRIMSHAW

**DPR FACILITIES MOSHOLU GOLF COURSE**  
2009 DESIGN

SITE RENDERING  
AERIAL VIEW

CROTON DPR FACILITIES  
October 28, 2014

**GRIMSHAW**  
Environmental  
Professional

**WORKSHOP**  
FOR THE (EMERGENCY SERVICES)

**DPR**  
NEW YORK CITY DEPARTMENT OF  
PARISPORT & CONSTRUCTION

**NYC DEP**



GRIMSHAW

**GRIMSHAW**  
WORKSHOP  
FOR THE PROPOSED FACILITIES



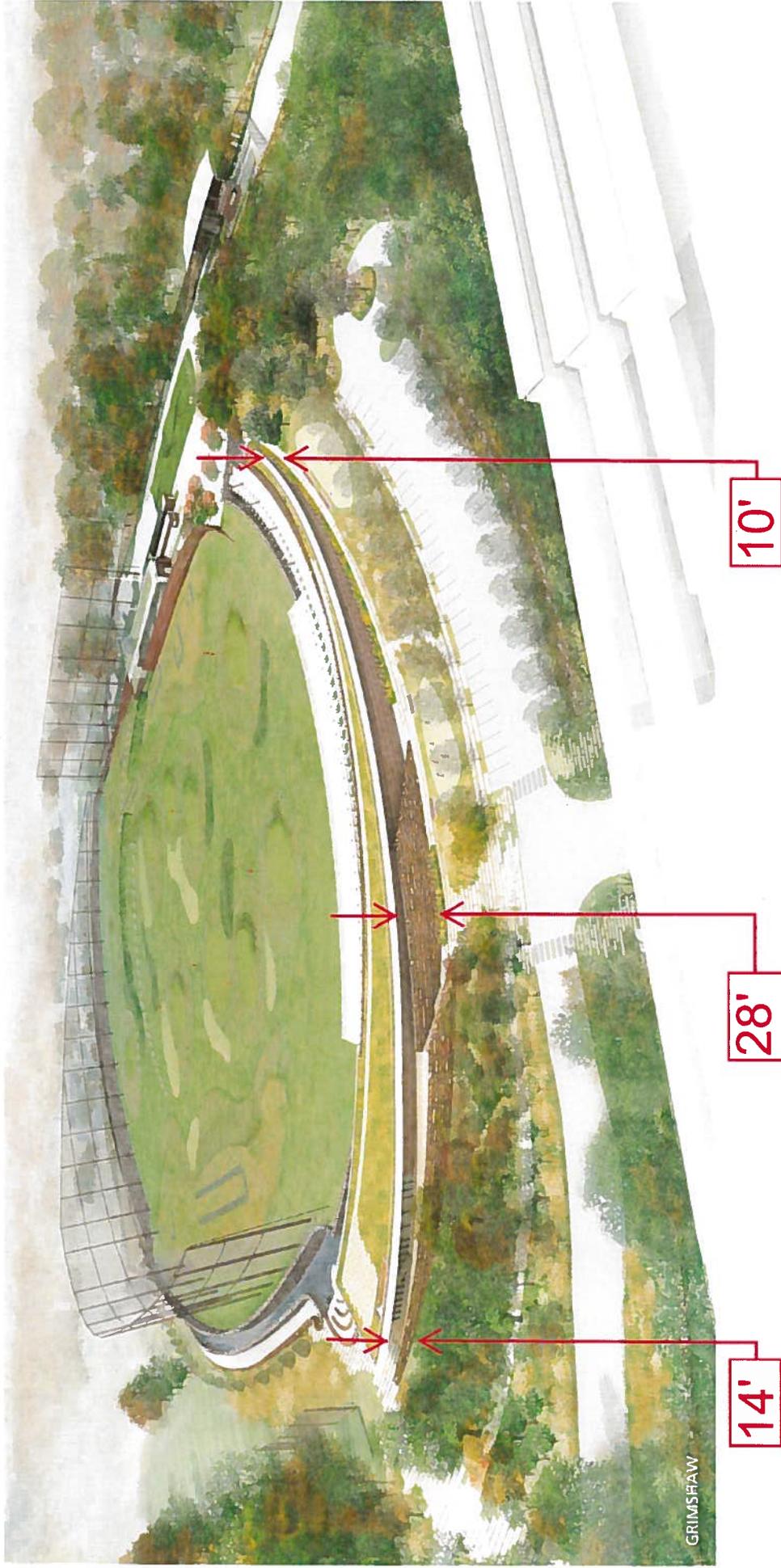
**CROTON DPR FACILITIES**

October 28, 2014

**SITE RENDERING  
AERIAL VIEW**

**DPR FACILITIES MOSHOLU GOLF COURSE  
2014 FINAL DESIGN**

DPR ROOF HEIGHTS FROM GROUND LEVEL



**GRIMSHAW** WORKSHOP  
100 WEST STREET, SUITE 200  
NEW YORK, NY 10038

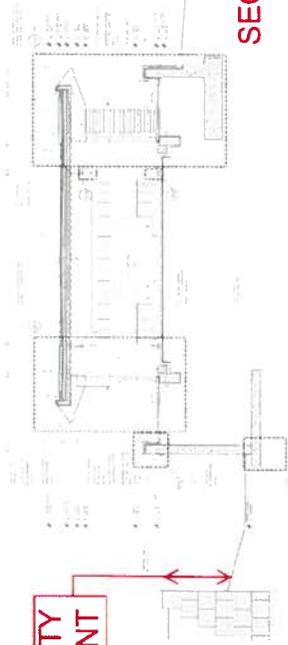


CROTON DPR FACILITIES  
October 28, 2014

SITE RENDERING  
AERIAL VIEW

DPR FACILITIES MOSHOLU GOLF COURSE  
2014 FINAL DESIGN

DEP SECURITY  
REQUIREMENT

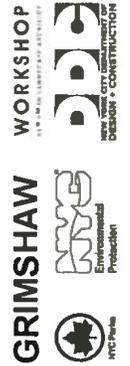


14'

SECTION 'A'

CLUBHOUSE ROOF HEIGHT FROM GROUND LEVEL

KEY PLAN



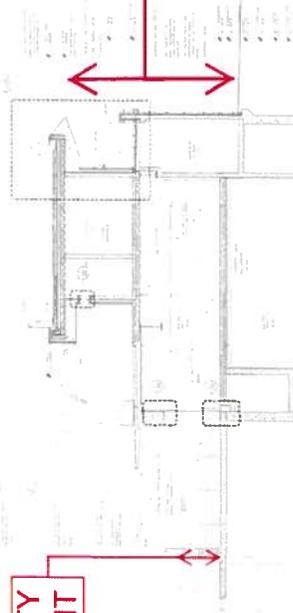
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WORKSHOP  
FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DESIGN • CONSTRUCTION

CROTON DPR FACILITIES  
SITE RENDERING  
SOUTHEAST VIEW

MOSHOLU GOLF COURSE CLUBHOUSE ENTRY  
2014 FINAL DESIGN

October 28, 2014

DEP SECURITY REQUIREMENT



28'

# SECTION 'B'

CLUBHOUSE ROOF HEIGHT FROM GROUND LEVEL



KEY PLAN



GRIMSHAW

**GRIMSHAW** WORKSHOP  
FOR THE CITY OF CROTON-ON-HADE



CROTON DPR FACILITIES

October 28, 2014

SITE RENDERING

EAST VIEW

MOSHOLU GOLF COURSE 213<sup>TH</sup> ST. ENTRANCE

2014 FINAL DESIGN



KEY PLAN



SECTION 'C'

CLUBHOUSE ROOF HEIGHT FROM GROUND LEVEL





GRIMSHAW

**GRIMSHAW**  
WORKSHOP  
FOR THE ENVIRONMENTAL ARTISTRIES



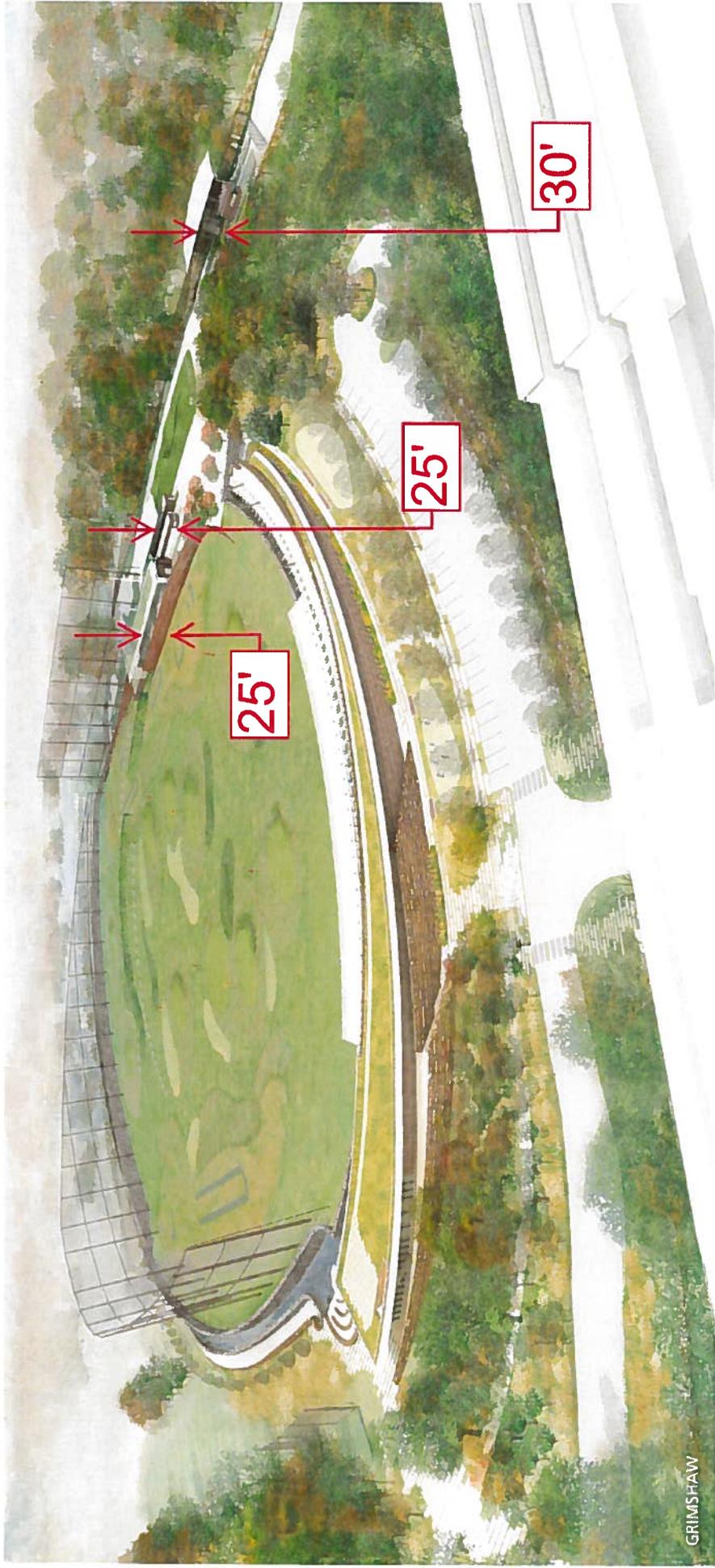
CROTON DEP FACILITIES

October 28, 2014

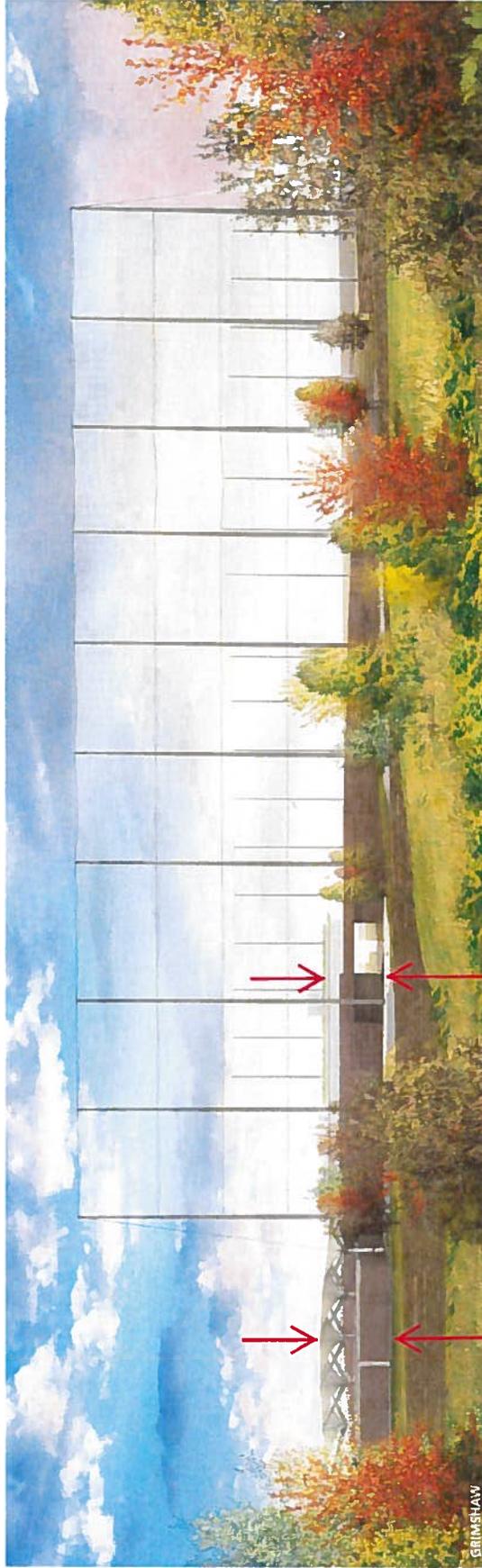
SITE RENDERING  
AERIAL VIEW

DEP FACILITIES  
2014 FINAL DESIGN

DEP ROOF HEIGHTS FROM GROUND LEVEL

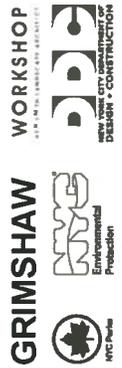








GRIMSHAW



WORKSHOP  
WITH AN AFFILIATED ARCHITECT

MVE  
Environmental  
Production

NEW YORK CITY DEPARTMENT OF  
DESIGN + CONSTRUCTION

CROTON DPR FACILITIES

October 28, 2014

SITE RENDERING

AERIAL VIEW

MOSHOLU GOLF COURSE DPR FACILITIES

2013 PROPOSED DESIGN

WM-11 Croton Water Treatment Plant  
Cost Summary as of 9/30/2014

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.	\$127,660,000	-\$14,445,214	\$113,214,786	\$113,214,786	-11%	100%
CRO-312G	Skanska/Tully, JV	\$1,327,700,000	\$184,282,371	\$1,511,982,371	\$1,406,896,573	14%	93%
CRO-312E1	Schlesinger-Siemens, LLC	\$134,680,000	\$49,608,885	\$184,288,885	\$142,501,975	37%	77%
CRO-312E2	Schlesinger-Siemens, LLC	\$37,678,000	\$11,874,089	\$49,552,089	\$41,663,379	32%	84%
CRO-312H	Durr Mechanical Construction	\$105,700,000	\$29,631,596	\$135,331,596	\$124,897,772	28%	92%
CRO-312P	Picone/WDF, JV	\$58,475,000	\$16,424,216	\$74,899,216	\$71,479,444	28%	95%
CRO-312OS-G	Picone-Schiavone, JV	\$96,842,500	\$35,107,605	\$131,950,105	\$115,079,037	36%	87%
CRO-312OS-E	Eldor Electric	\$15,762,500	\$2,971,067	\$18,733,567	\$16,784,727	19%	90%
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)	Maspeth Supply Co. LLC	\$18,626,745	-\$15,138,445	\$3,488,300	\$2,432,351	-81%	70%
CRO-313	Schiavone/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	\$2,716,351	0%	67%
<b>TOTAL</b>		<b>\$2,145,568,988</b>	<b>\$284,177,371</b>	<b>\$2,439,746,359</b>	<b>\$2,249,504,180</b>	<b>14%</b>	<b>92%</b>
Croton WTP Design / Construction Management Costs							
HED-543 DES	Metcalf & Eddy / Hezen and Sawyer, JV	\$44,226,000	\$255,269,498	\$299,495,498	\$289,999,527	577%	97%
HED-545 CM	URS/Malcolm Pirnie, JV	\$63,400,000	\$96,252,791	\$159,652,791	\$148,203,724	152%	93%
<b>TOTAL</b>		<b>\$107,626,000</b>	<b>\$351,522,289</b>	<b>\$459,148,289</b>	<b>\$438,203,251</b>	<b>327%</b>	<b>95%</b>

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/Schiavone/Picone JV	\$91,696,805	\$25,627,607	\$117,324,412	\$108,583,566	28%	93%
CRO-334E	Community Electric	\$1,119,000	\$342,215	\$1,461,215	\$1,461,215	31%	100%
<b>TOTAL</b>		<b>\$92,815,805</b>	<b>\$25,969,822</b>	<b>\$118,785,627</b>	<b>\$110,044,781</b>	<b>28%</b>	<b>93%</b>
Rehabilitation of the New Croton Aqueduct Construction Management Costs (2)							
TCM-CRO-334	Washington/HAKS JV	\$5,952,446	\$3,190,001	\$9,142,447	\$8,917,752	54%	98%
<b>TOTAL</b>		<b>\$5,952,446</b>	<b>\$3,190,001</b>	<b>\$9,142,447</b>	<b>\$8,917,752</b>	<b>54%</b>	<b>98%</b>

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

October 28, 2014

Task	Current Forecasted Completion	Sep-14				Oct-14				Nov-14				Dec-14				Jan-15			
		WK3	WK4	WK1	WK2	WK3	WK4														
<b>CRO-312 - Water Filtration Plant Construction at Mosholu Site</b>																					
Modification Work in Plant (Valve Loops, Additional PMCS Server and Work in Wet Wells)	11/18/2014																				
Refill, Re-test, Disinfect and Test Operate Plant	TBD																				
Deliver Filtered and Disinfected Water into Distribution System	TBD																				
Remaining Major Work Inside Plant	4/15/2015																				
Remaining Major Work Outside Plant	5/15/2015																				
Golf Course Clubhouse, Driving Range, Etc.	TBD																				
<b>CRO-312D5 - Off-Site Facilities at Jerome Park Reservoir and Gate House No. 1</b>																					
North Basin Slab Repair	11/27/2014																				
Demolition of Microstrainer Building and Restoration of Area (delays have occurred due to discovery of additional asbestos inside building)	4/15/2015																				
Demolition of Demonstration Building and Restoration of Area (start date delayed due to DOB permit issues)	4/15/2015																				
Shaft 3 Work and Restoration Work	5/15/2015																				
Complete Restoration of Shaft and Meter Chamber Area	4/15/2015																				