

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
WEDNESDAY, OCTOBER 27, 2010 – 7:00 PM**

The Croton Facility Monitoring Committee (CFMC) met on Wednesday, October 27, 2010 at the DEP Community Office, 3660 Jerome Avenue, Bronx, NY 10467.

Attending - CFMC representatives:

Damian McShane, Chairman, CFMC and Community Board # 8; Paul Foster, Chairman, Community Board #7; Hector Aponte, Bronx Commissioner, Department of Parks & Recreation (DPR); Jessica Noon, Bronx Borough President's Office; City Council Member G. Oliver Koppell; Mark Lanaghan, Department of Environmental Protection (DEP); and Ken Parr, Community Board #12. Present were staff of DEP; DEP's construction manager; Department of Design and Construction; DPR; Grimshaw Architects; and members of the public. Attendees are listed on *Attachment 1*.

Welcome

Mr. McShane welcomed everyone to the meeting and called the meeting to order at 7:20 pm. The agenda is *Attachment 2*.

Adoption of CFMC Meeting Minutes

Mr. McShane asked if the FMC representatives had read and approve of September's meeting minutes. He requested a motion to consider and adopt the minutes. Mr. Foster made the motion. By a unanimous vote of seven representatives, the minutes were adopted.

Construction Update/Look-ahead (Attachment 3)

Bernard Daly, Croton Executive Project Manager, provided a 90 day look-ahead construction schedule and the status of the Croton contracts.

The CRO-312 contractors are continuing numerous construction activities at the Van Cortlandt Park (VCP) site. More than 98% of the concrete has been placed. Work has continued on the Arrivals and Receiving's Building, Chemical Fill Station and above ground structures vent/stairway structures. As reported at last month's meeting, most of the construction work is taking place inside the treatment plant structure. Installation of mechanical, electrical, plumbing and HVAC work continues – installation of flocculators, large pumps, duct and electrical work, and plumbing are underway. Utility work and retaining wall construction at the entrance to the Croton Filter Plant continue.

The CRO-313 tunnel contractor is continuing to build Raw Water and Treated Water Shafts at the VCP site.

The CRO-312-OS contractor completed the floor slab of the Shaft and Meter Chamber and is installing large diameter piping and placing concrete for the walls. Work is continuing on improvements to the Gate Houses, including Gate House 1. In the South

Basin, the contractor is continuing to place concrete for the foundations and walls for the ramp. The south basin ramp is expected to be completed during November, with stone work finished by the end of the year, weather permitting.

Contract CRO-315 work is now substantially complete. Punch list work is underway; this work is expected to be complete by the end of the year. There is no water in the JPR basins and no chlorine is on site. JPR basins will not be filled, pending work on the NCA under Contract CRO-334. The CRO-334 contractor is accessing the in-city section of the NCA through Shaft 21 on top of the JPR dividing wall. Anne Marie Garti, Jerome Park Conservancy, and Margot Perrin, Van Cortlandt Park Administrator, spoke about the capping of old shafts of the Old Croton Aqueduct at Gun Hill Road and Mosholu Parkway.

CRO 312-FM Contract has been on hold, pending a thorough evaluation of the original route, as measured against alternate routes. A final route decision has not yet been made. DEP is analyzing options and any necessary mitigation. Mr. Daly said he would share more information when it is available. Mr. McShane asked whether the interferences -- primarily trolley tracks on Webster Avenue that were discussed by Mr. Daly at September's meeting -- were causing the delay. Mr. Daly said trolley tracks and other problems with the original route have led DEP to examine alternatives, which may result in a route along Webster Avenue to 204th Street.

Above Ground Buildings, Landscaping & Golf Course Design

Kevin Quinn, Chief Architect DPR, introduced himself and his DPR colleague Matt Blood who is coordinating the approvals needed for the golf course design above the water filtration plant. He said that the project has been highly important to the DPR because it benefits recreation and open space in the community. He added that the Commissioner of Department of Design and Construction is also working with DPR to shepherd the landscaping and above ground treatments through various design and construction approvals. He said that David Burke of Grimshaw Architects would make a new presentation to the CFMC about the landscaping and architecture in VCP that has been produced since Mr. Burke's prior appearance before the CFMC.

Mr. Burke's presentation is *Attachment 4*. He said that since Grimshaw last came to the CFMC, there has been a 40% reduction in use of potable water with a similar increase in use of storm water for irrigating the golf course and for landscaping. These changes are in part as a result of input from the CFMC and the public. He elaborated on additional design elements that have been developed. He answered questions from Lyn Pyle, community resident; Council Member Koppell; Anne Marie Garti, Jerome Park Conservancy; Mr. McShane; and Michael Gary, representing State Senator Espada's office. These questions related to water quality, fencing, safety, and depth of the holding/reflecting pool on the east side of the site; sufficient lighting at night; whether the ornamental waterfalls along Jerome Avenue will be removed; extent and amount of open space of the project beyond the golf course and whether the public will be able to access these areas; and design and location of DPR parking lot/access area and trees in relation to club house.

As a result of questions to the CFMC from Mr. Quinn, there was extensive discussion of the holding/reflecting pool, including whether to locate it largely underground. Mr. Quinn mentioned that previously the community had expressed concern for safety and maintenance of the retention pond and, as a result, DPR was reconsidering the design for this component. It was noted that Father Gorman, Chair, Community Board #12, had had the strongest objection to the pond. Mr. McShane said he would contact Fr. Gorman about his earlier objections to and comments about this pond. It was unanimously agreed by the CFMC that Grimshaw, DPR, and DEP should explore designs for the holding/reflection pool that might relocate it underground or use other treatments, and to share their recommendations with the CFMC. It was also suggested that Grimshaw explore shallow water features located in front of the club house as a replacement to the retention pond, if the retention pond were relocated below ground. Mr. Burke suggested that a shallow reflecting pool would emphasize the water management system and function as an appropriate and fitting feature to complete the site water system. It would reinforce the initial vision and intent of saving ground and storm water for use within the irrigation system.

Council Member Koppell said that parking for users of the driving range is a short term requirement – users of the driving range do not spend long periods (as golfers do when they play a course). He said he does not see the redesigned parking area as a problem. The Public Design Commission has also supported the parking area redesign, according to DPR. Mr. Lanaghan explained the alienation legislation for the Croton Filter Plant did not extent to DPR uses. There is no alienation for parking that DPR and the public will use.

There was additional discussion by Ms. Perron and Ms. Pyle about preventing customers who visit nearby businesses from parking in DPR's lot, and the need for more space for children to play sports in the park. Ms. Perron suggested there are other areas near Gun Hill Road that might be suitable for sports. Mr. McShane asked DPR to provide specific VCP maps, plans or diagrams that show where ball fields are or could be placed.

Richard Barr, Bronx High School of Science Parents Assn, asked for an update on Harris Park fields. Commissioner Aponte explained that Frank McCue, DPR, gave an update at September's meeting. He said that in August the final shipment of the contaminated material went to a regulated disposal facility. The synthetic fields are being used. Four natural fields should be available late spring or early summer of next year after the sod has adequate time to knit.

Summary of M/WBE Event and Update on Croton Jobs

Mr. Lanaghan described the recent DEP October 13 M/WBE event. It was organized and hosted by DEP, with assistance from and participation of Marlene Cintron of Bronx OEDC and her staff. A fact sheet about the activities *Attachment 5* was distributed to FMC representatives. Mr. Lanaghan said that to help advance DEP's commitment to showcase opportunities for M/WBE businesses, Commissioner Holloway plans additional M/WBE events that will be modeled on this one.

Ms. Noon asked about M/WBE requirements at Croton. Mr. Lanaghan said there are goals, not mandates, for 17% MBE and 5% WBE firms.

Mr. Lanaghan said that the number of Bronx-based employees working at Croton is largely consistent with September's Bronx jobs report, but the Bronx job count continues to be lower than in previous years (*Attachment 6*). Mr. Lanaghan said that outreach to union locals whose skilled members are most evident at Croton has begun. These unions include plumbers, steamfitters, electricians, and carpenters.

Mr. Lanaghan said that emphasis on hiring Bronx-based workers is a voluntary program. While DEP can and does request that contractors improve the participation of Bronx residents and services on the project, DEP cannot force them. Mr. Lanaghan said that DEP has begun the process of scheduling meetings with appropriate union locals, although the meetings have not yet occurred.

Report on Public Access at JPR

Mr. Lanaghan said the JPR public access report is virtually complete and should be ready to share with the CFMC in a couple of weeks. Before making the report public, he must review the details with Commissioner Holloway. Mr. Lanaghan again spoke about the pilot program recommendations made by the DEP working group that could commence after JPR construction is finished. He said there is lots of time to discuss public access with the FMC and the community.

Mr. McShane stated that the report must be available to the CFMC in advance of discussing it at the next meeting.

CFMC Discussion

Mr. McShane said that Fr. Gorman asked for Commissioner Holloway to come to the January CFMC meeting. Mr. Lanaghan requested a memo from the CFMC that explains what Mr. Holloway is being asked to discuss. He will then confer with the Commissioner.

The CFMC tentatively set the next meeting for Wednesday, November 17th at 7 pm.

Mr. McShane asked for a motion to adjourn, which was made by Mr. Parr. The meeting adjourned at 8:40 pm.

10/27/2010

NYC DEP - CROTON FMC

Attachment 1

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Thomas Farrell	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696 2000	(718) 324 3034	thomas.farrell@shwgrp.com
Ken Parr	Community Board #12	4101 White Plains Rd Bronx NY 10466	(718) 325 4967		kwparr@optonline.net
Arne Fareth	DEP-BEDC	96-05 Horace Harding Exp. Flushing NY 11373	(718) 595 6189		arnet@dep.nyc.gov
Paul Foster	Community Board #7	229A East 204 Street Bronx NY 10458	(718) 933-5650		pfoster@cb.nyc.gov
Tamar Shuldiner	DEP-BEDC	96-05 Horace Harding Exp. Flushing NY 11373	(718) 595 6065		tamars@dep.nyc.gov
Martha Holstein	Strategic Urban Solutions, Inc.	335 Adams Street Brooklyn, NY 11201	(718) 625-1005 x. 223	(718) 625-1032	mholstein@urbanzol.com
Bernard Daly	DEP BEDC Project Manager	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324 3034	bdaly@dep.nyc.gov
I-C Levenberg-Engel	BCEQ & JPC	2711 Henry Hudson Pkwy Bronx NY 10463	(631) 583-5405		IC@bceq.org
Robert Barnes	DEP Community Outreach Office - Croton	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	rbarnes@dep.nyc.gov
Jessica Noon	Office of Bronx Borrough President Ruben Diaz Jr	851 Grand Concourse Bronx NY 10451	(718) 590-3881	(718) 590-2698	jnoon@bronxbdp.nyc.gov
Anne Marie Garti	Jerome Park Conservancy	3967 Sedgwick Avenue Bronx NY	(718) 601-1322; (718) 884-7864		annemarie@garti.net
Mark Lanaghan	Asst Comm, Intergov.Affairs DEP	59-17 Junction Blvd. Corona NY 11368	(718) 595-3519	(718) 595-3477	mlanaghan@dep.nyc.gov
Damian McShane	Chairman, Community Board #8	5676 Riverdale Ave Bronx NY 10471	(718) 884 3959		dmcshane@panynj.gov
Richard Barr	Bronx HS of Science Parents Association	203 W 86 Street New York NY 10024	(212) 877 2694		richardedbarr@aol.com
Iiona Linins	Lehman College	250 Bedford Park Blvd W Bronx NY	(718) 960 8988		iiona.linins@lehman.cuny.edu

<u>Name</u>	<u>Organization /</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Hon G. Oliver Konnell	Council Member	3636 Waldo Avenue Bronx NY 10463	(718) 549 7300		okoppell@council.nyc.gov
Margot Perron	Van Cortlandt Park Administrator	1 Bronx River Parkway Bronx NY	(718) 430 1890	(718) 430-1893	margot.perron@parks.nyc.gov
David Burke	Grimshaw Architects	100 Reade Street New York NY 10013	(718) 760-6676		david.burke@grimshaw-architects.com
Hector Aponte	Bronx Parks Commissioner	1 Bronx River Parkway Bronx NY	(718) 430 1801		hector.aponte@parks.nyc.gov
Matt Blood	Department of Parks & Recreation	Olmstead Center Flushing NY			matthew.blood@parks.nyc.gov
Michael Gary	Representing State Senator Espada	80 Van Cortlandt Park S. Bronx NY 10463	(718) 549 4811		grampatfink@gmail.com
Kevin Quinn	Department of Parks & Recreation	Olmstead Center Flushing NY	(718) 760 6734		kevin.quinn@parks.nyc.gov
Brian Farrelly	URS-Malcolm Pirnie Construction Manager	3701 Jerome Avenue Bronx NY 10467	(718) 696-2000		bfarrelly@pirnie.com
Lyn Pyle	Knox Gates Neighborhood Association	25 Newkirk Bronx NY			baylalyn@earthlink.com
Ed Neisch	URS-Malcolm Pirnie Construction Manager	3701 Jerome Avenue Bronx NY 10467	(718) 696-2000		eneisch@pirnie.com
Roberto Petricelli	Department of Design & Construction	30-30 Thompson Ave Long Island City NY	(718) 391 1524		rpetricelli@ddc.nyc.gov

Agenda
Croton Facility Monitoring Committee Meeting
Wednesday, October 27, 2010 – 7:00 PM
DEP Community Office, 3660 Jerome Avenue, Bronx NY 10467

- | | |
|--|--|
| I Welcome | Damian McShane, Chairman |
| II Consider, Adopt 9/16/10 Meeting Minutes | CFMC Representatives |
| III Presentation of Above-Ground Landscaping and Structures at Van Cortlandt Park | Kevin Quinn, Dept of Parks & Recreation and David Burke, Grimshaw Architects |
| IV Construction Update and Look-ahead Including Status of Force Main | Bernard Daly, DEP |
| V Current Report - Croton Jobs Including M/WBE Meeting on 10/13/10 | Mark Lanaghan, DEP |
| VI Status of JPR Public Access Report | Mark Lanaghan |
| VII CFMC Discussion, Set Next Meeting | CFMC Representatives |
| VIII Adjourn | |

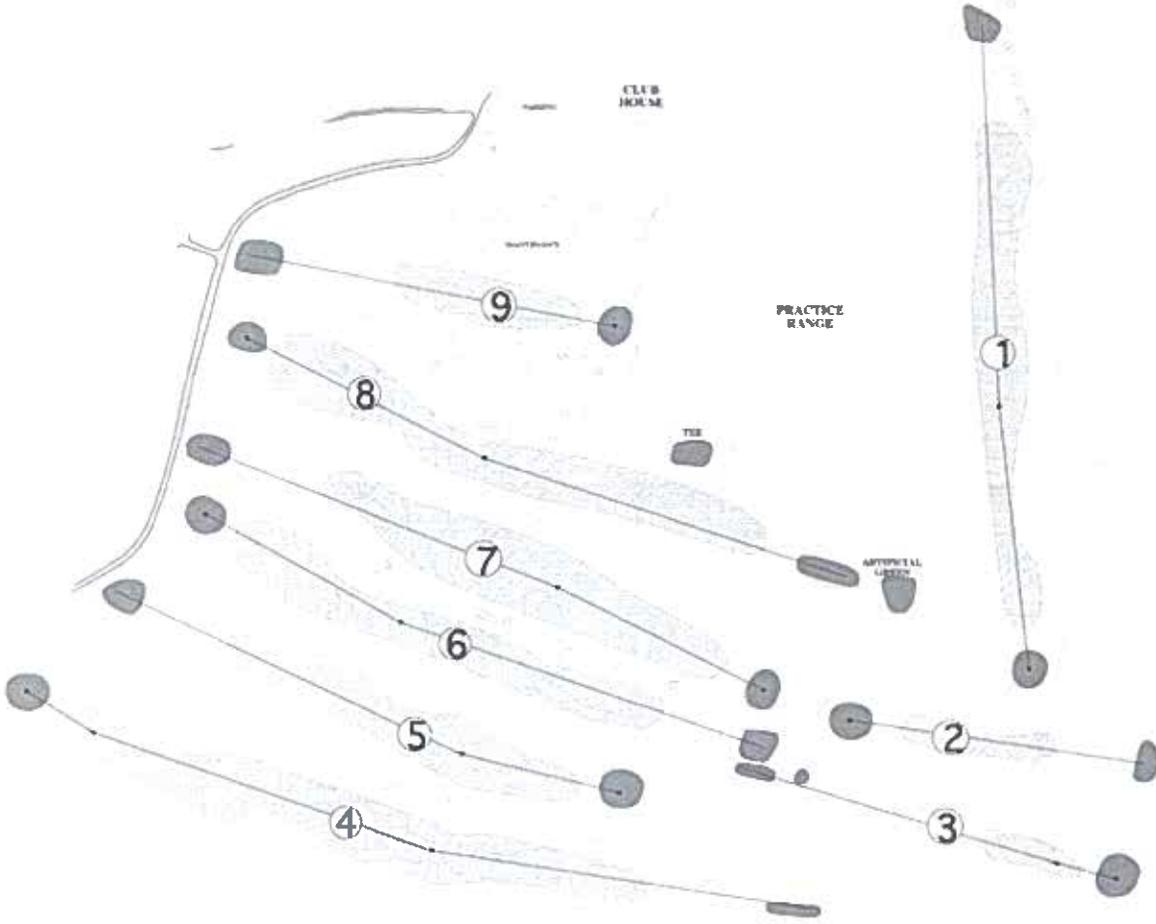


Attachment 4

DESIGN UPDATE PRESENTATION FOR
CROTON FACILITY MONITORING COMMITTEE MEETING



GOLF COURSE LAYOUT



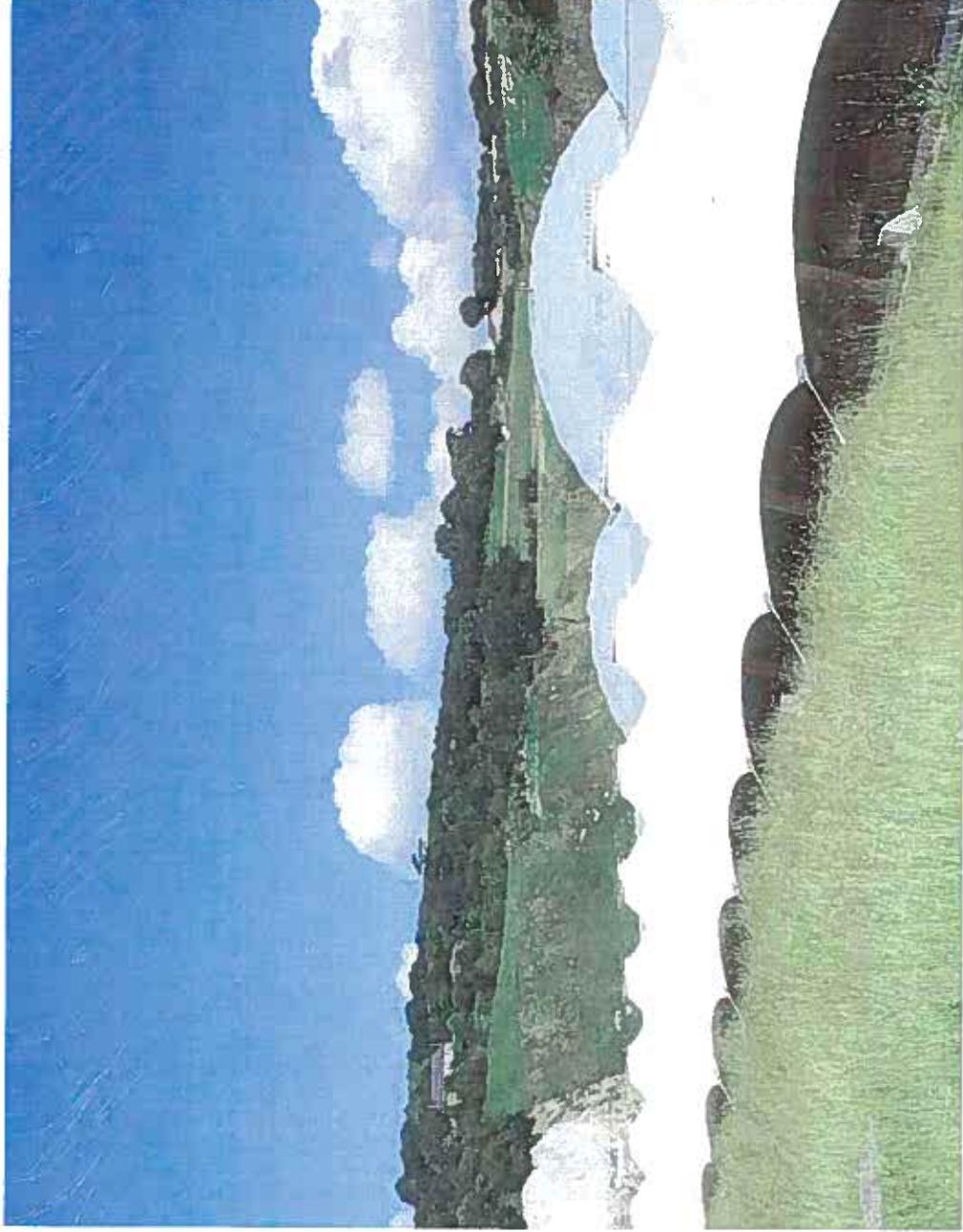
PRE CONSTRUCTION



CURRENT

CORE CONCEPTS

Artistic and creative integration of buildings in the landscape





CORE CONCEPTS

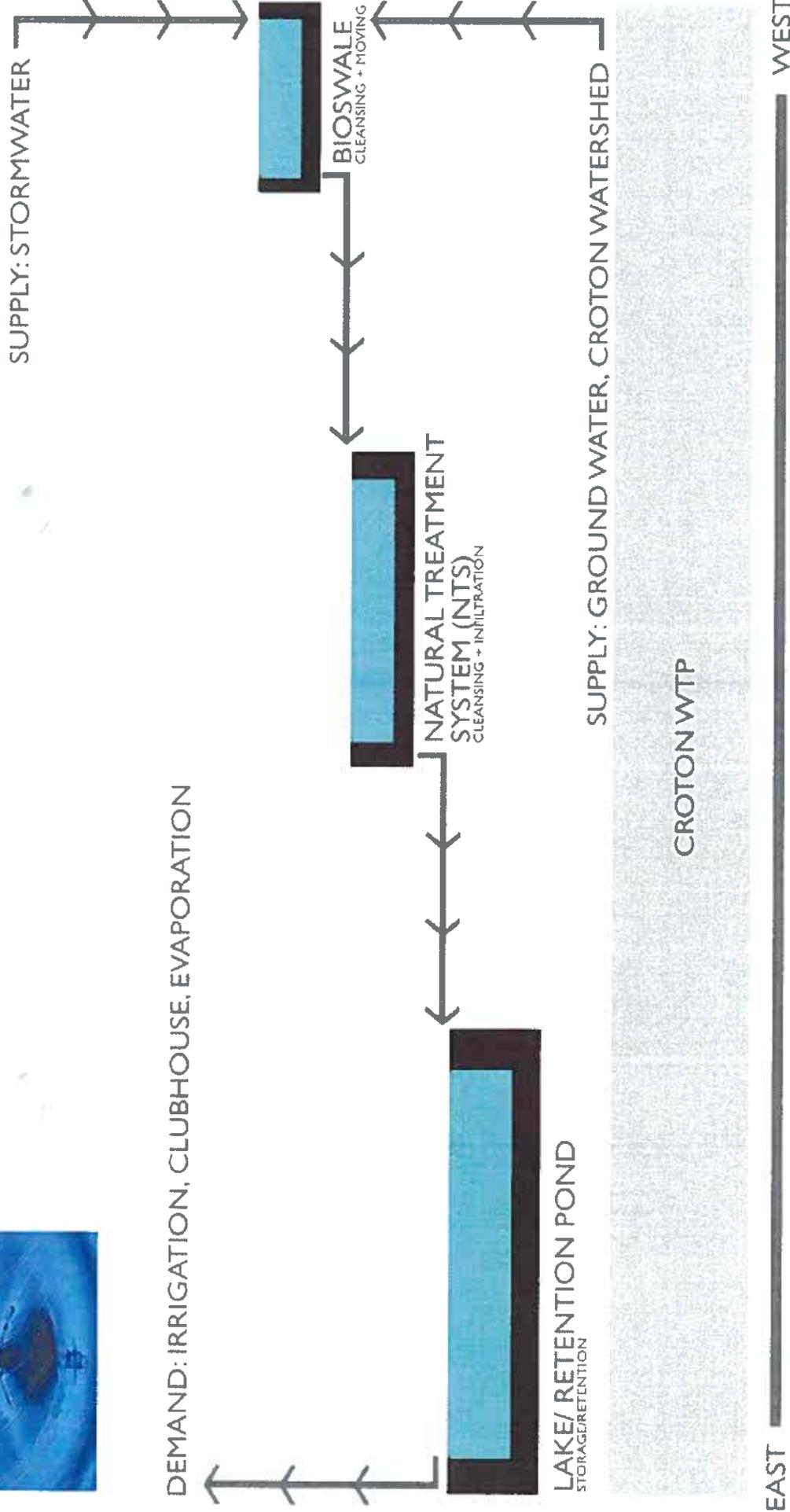
Create amenity for recreation and education





CORE CONCEPTS

Sustainable design through the best practices of storm water management and site design

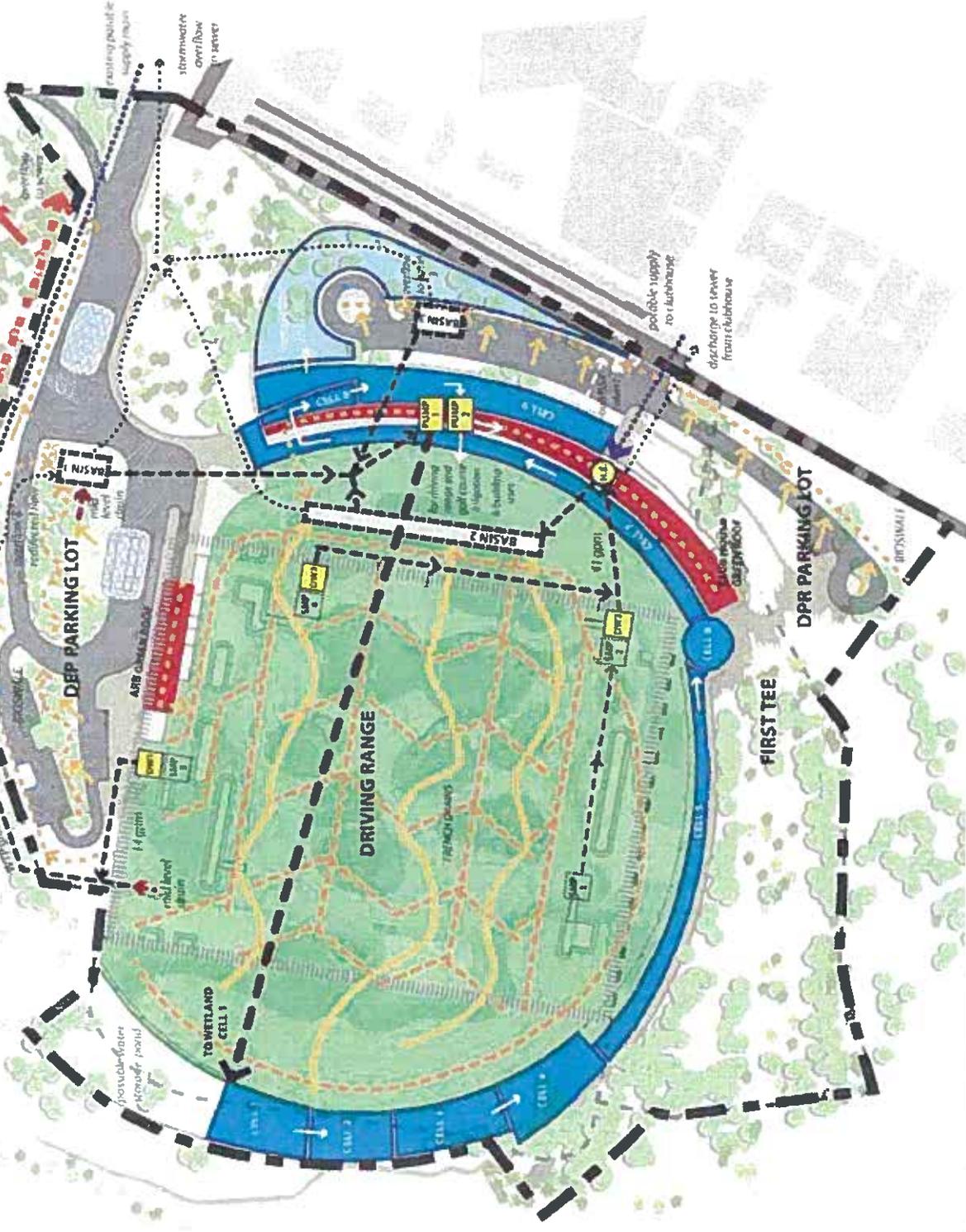


CROTON WATER TREATMENT PLANT
 Above Ground Structures and Landscape

WATER FLOW PROCESS

DESIGN DEVELOPMENT

WATER FLOW PLAN DIAGRAM
 GRIMSHAW 05 06 09

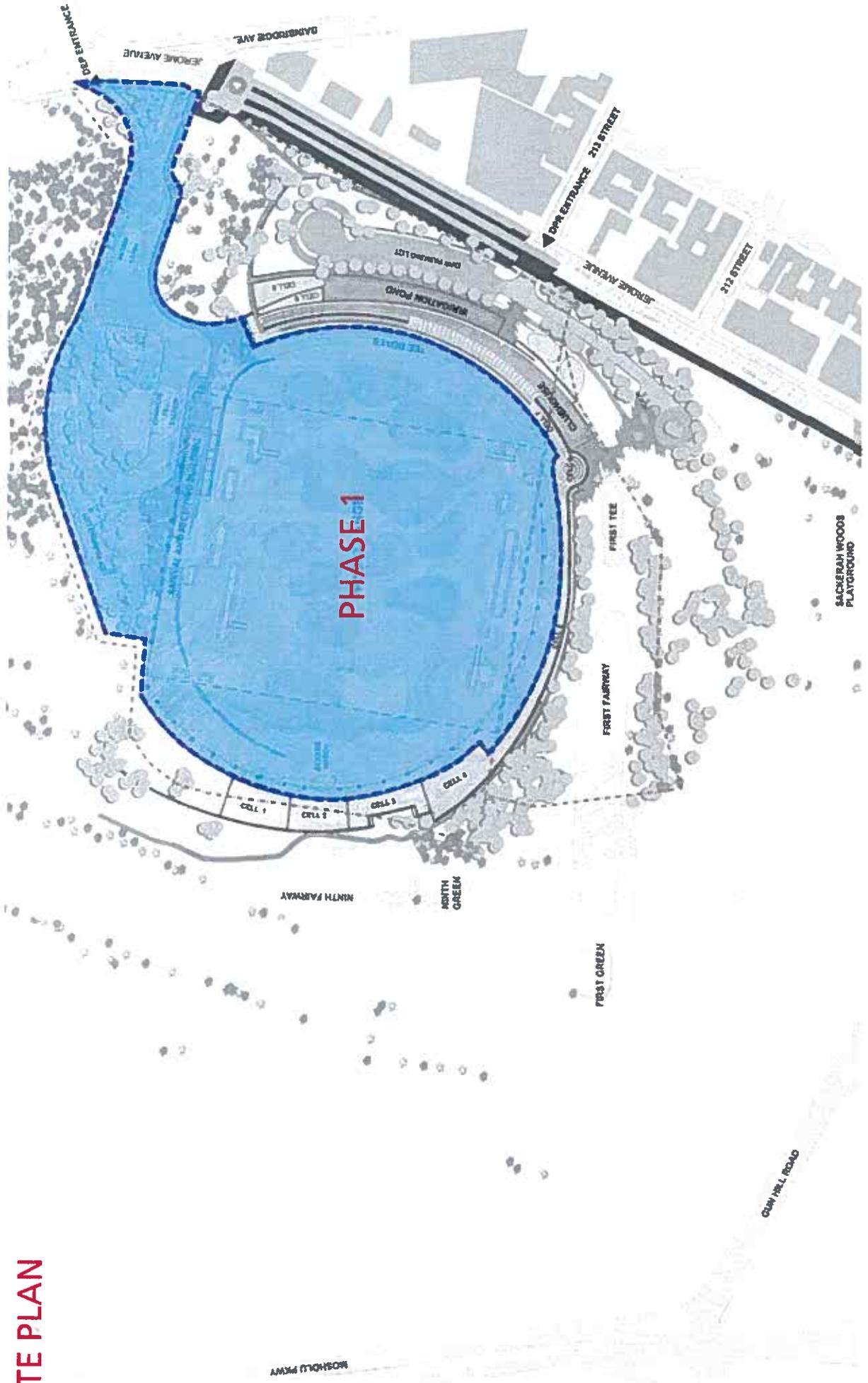


LEGEND

- Surface Water Flows
- Biofiltration
- Heat Exchanger
- Pump
- Sump
- Cashed Line
- Signifies Underground Flow
- Infiltration Trench
- Basin
- Green Roof on Above Ground Structure
- Wetland System
- Drainage Runoff
- Paving and Roads
- Site Extents
- WTP Extents

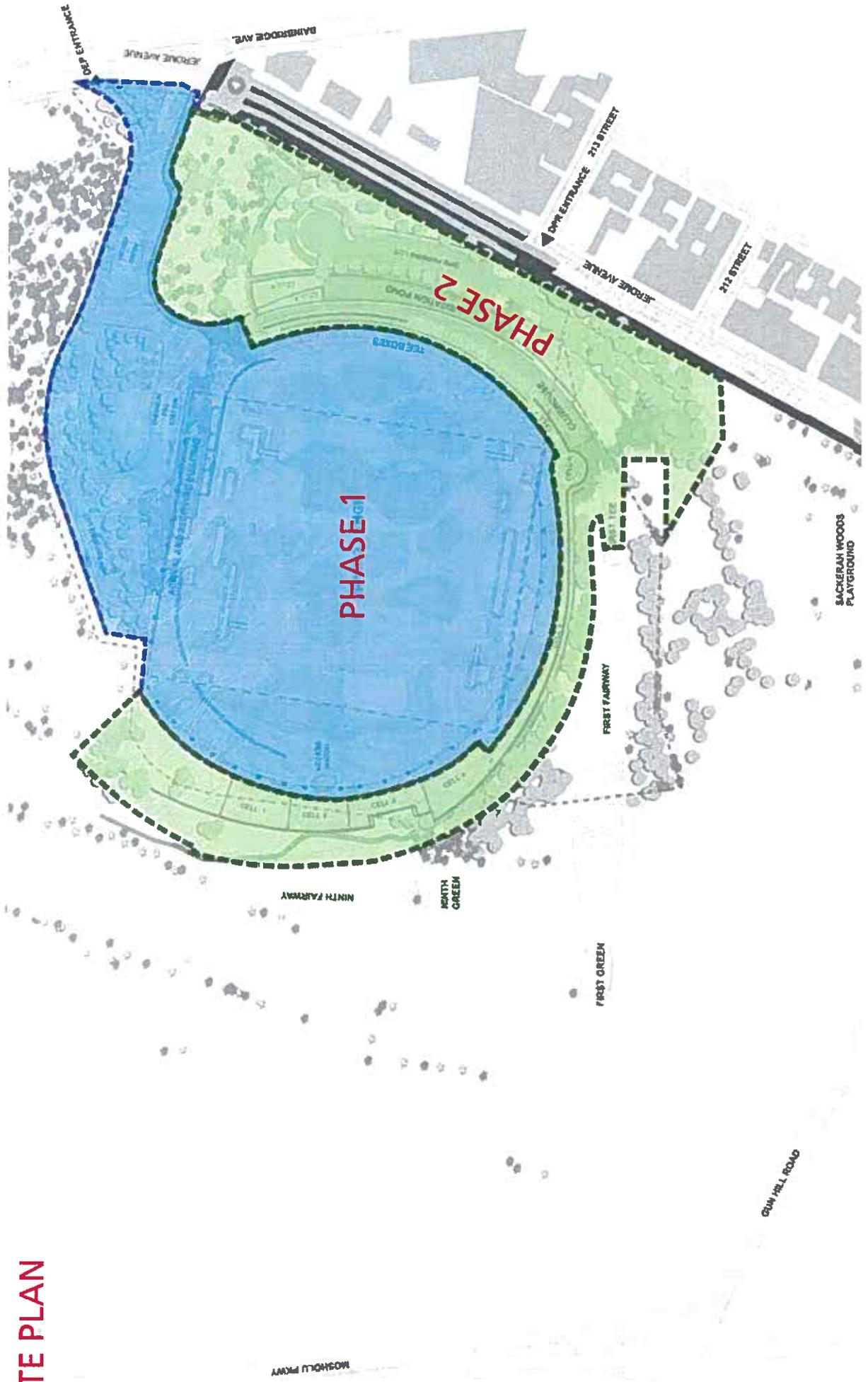
CROTON WATER TREATMENT PLANT

SITE PLAN



CROTON WATER TREATMENT PLANT

SITE PLAN



DESIGN DEVELOPMENT

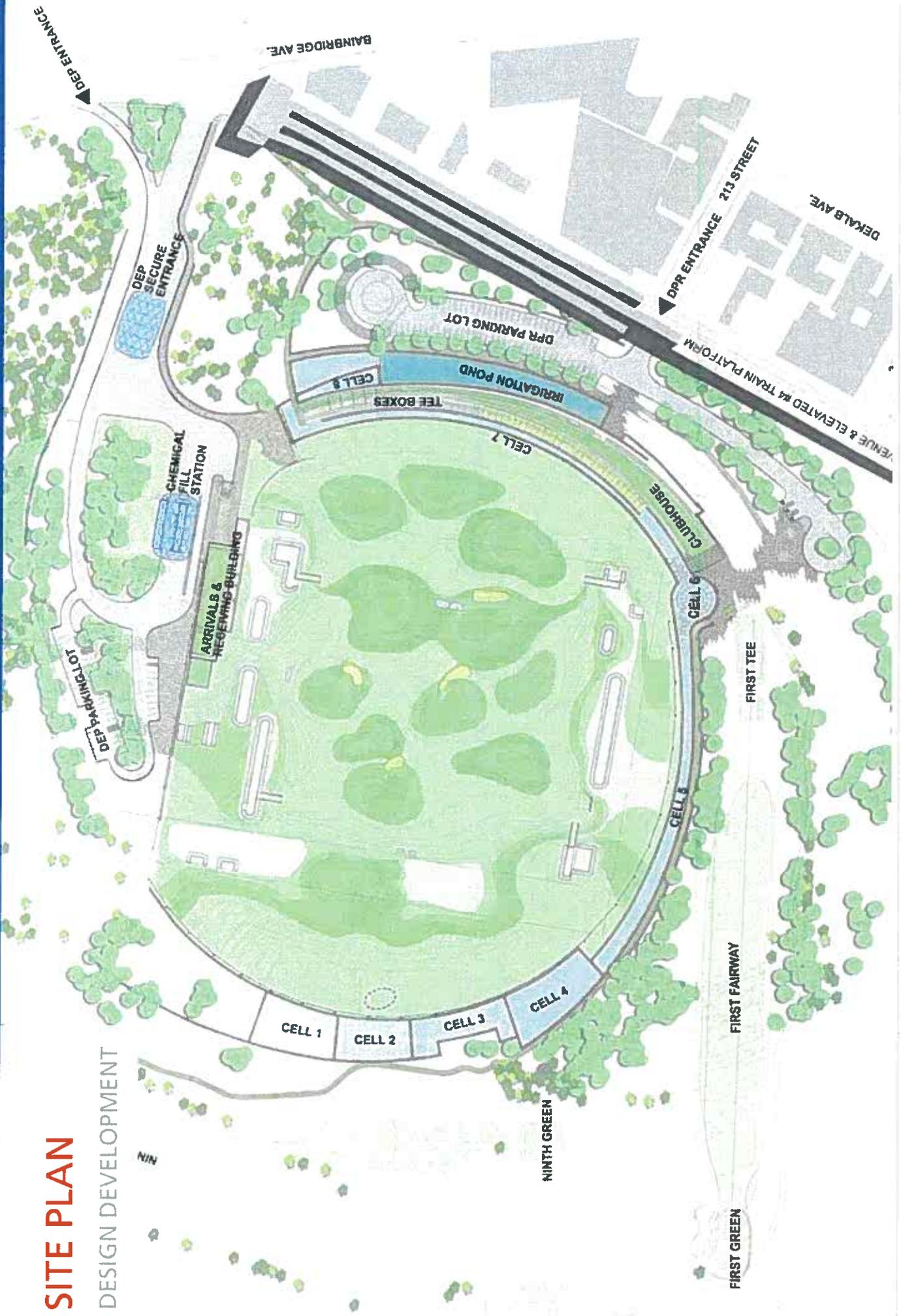
SUMMER 2009

(As Presented to FMC June 18th, 2009)



SITE PLAN

DESIGN DEVELOPMENT



SITE FROM ABOVE

DESIGN DEVELOPMENT



GRIMSHAW



KEY PLAN

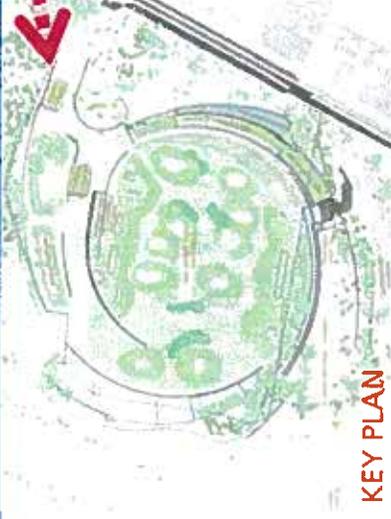
ARRIVALS AND RECEIVING BUILDING

DEP STRUCTURES

DESIGN DEVELOPMENT



GUARD HOUSE
DEP STRUCTURES
DESIGN DEVELOPMENT





CHEMICAL FILL STATION

DEP STRUCTURES

DESIGN DEVELOPMENT



KEY PLAN

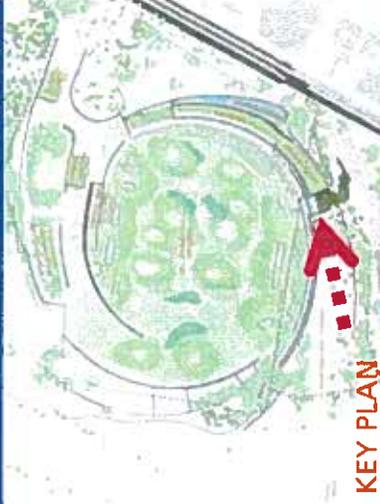


GRIMSHAW

CLUB HOUSE

DPR STRUCTURES

DESIGN DEVELOPMENT



CLUB HOUSE DPR STRUCTURES DESIGN DEVELOPMENT



TEE BOXES

DPR STRUCTURES

DESIGN DEVELOPMENT



KEY PLAN



GRIMSHAW

FINAL DESIGN

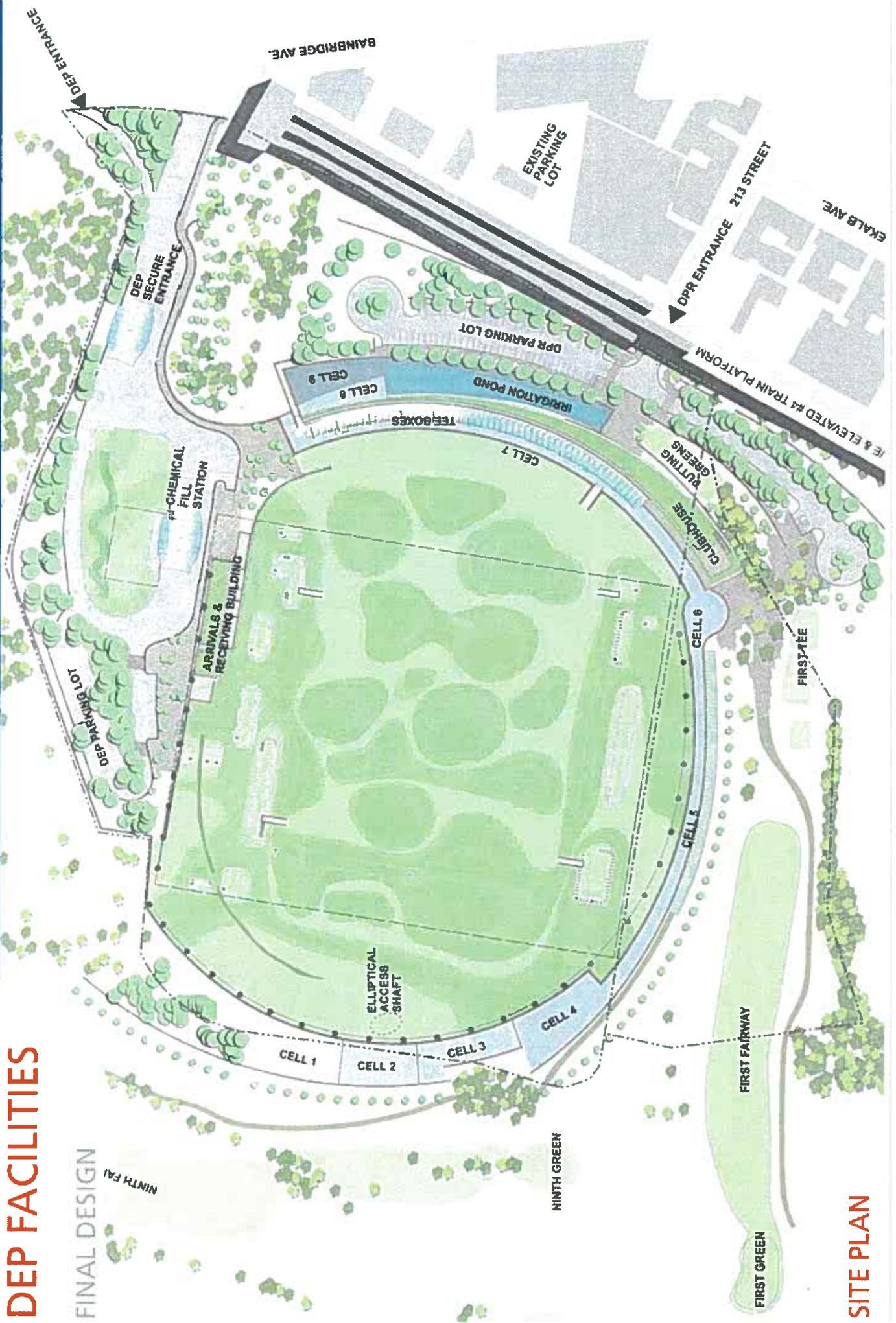
FALL 2009

(Design Commission Approved DEP Structures and Landscape Only)

DEP FACILITIES

FINAL DESIGN

NINTH FAI



SITE PLAN

DEP FACILITIES

FINAL DESIGN



BIRD'S EYE VIEW

DEP FACILITIES

FINAL DESIGN



BIRD'S EYE VIEW

GRIMSHAW

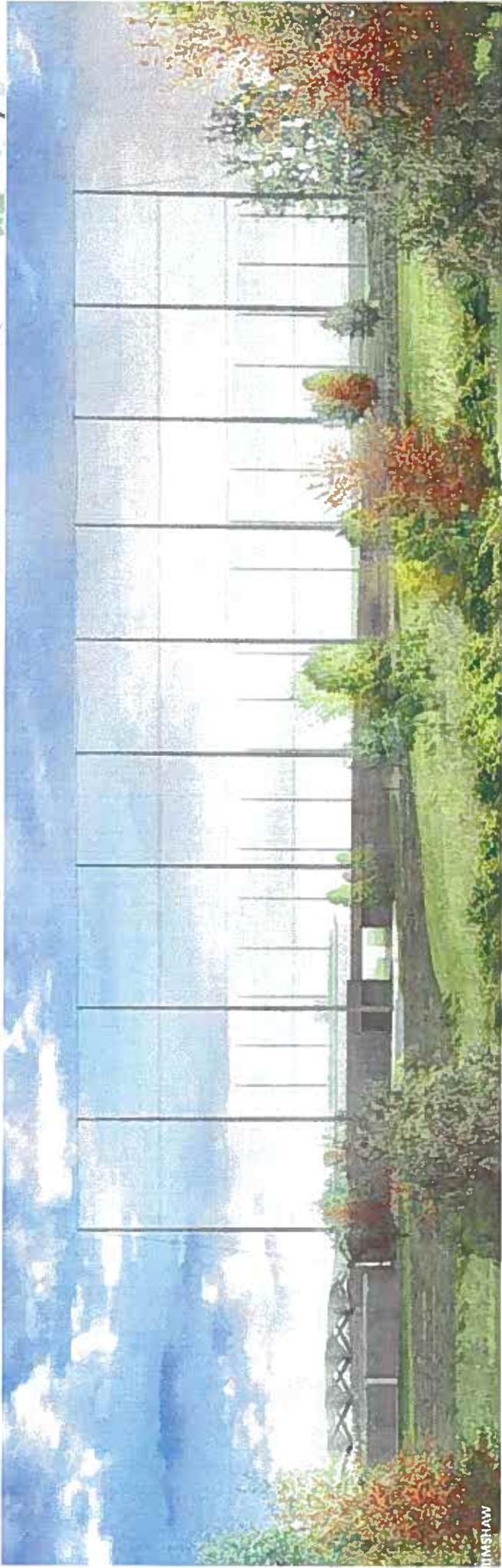


DEP FACILITIES

FINAL DESIGN



KEY PLAN



GRIMSHAW



POLICE BOOTH AND SECURE ENTRANCE

FINAL DESIGN



GOLF COURSE CLUB HOUSE AND LANDSCAPE DESIGN

WINTER 2009

(Pending Redesign and Design Commission Approval)

DPR FACILITIES



BIRD'S EYE VIEW



DPR FACILITIES



SITE PLAN

DEP-Bronx Overall Economic Development Corporation M/WBE Event - Recap
Wednesday, October 13, 2010 - 9am to noon
Bronx Borough President's Office/County Courthouse Rotunda

Before the Event

- Letters of invitation from DEP went to more than 140 state certified women-owned and/or minority owned businesses
- Advertisement was placed in October 7, 2010 edition of *Minority Commerce Weekly*
- Phone calls to M/WBE companies who do business with DEP made by DEP's contracting staff
- Bronx OEDC and the Borough President's office made event information available as appropriate
- Croton construction contractors as well as design consultant and construction manager received a written request to participate

At the Event

- Almost all construction contractors attended bringing information about their company and upcoming opportunities at Croton and on other projects: *employees from Skanska, Tully, John Picone, Schlesinger-Siemens, WDFDurr, AECOM, Hazen and Sawyer, Malcolm Pirnie, URS Corp, and Schiavone interacted with M/WBE business persons throughout the morning*
- NYC Small Business Services had information about how a business can become certified
- NYC Department of Parks and Recreation brought specifications for contracting and information about parks improvement projects
- South Bronx Overall Economic Development Corp (SoBRO) provided information about job placement, business assistance, M/WBE opportunities in the South Bronx area
- Bronx OEDC had information about all of its programs, including opportunities at the Zerega Industrial Park
- The Mayor's Office of Contracts talked about its responsibilities to monitor and assist the city's M/WBE program and how the Project Labor Agreement program works
- Commissioner Cas Holloway attended part of the event
- More than 50 M/WBE business persons came
- DEP's Assistant Commissioner/Agency Chief Contracting Officer (ACCO) Mary Pazan spoke about DEP's commitment to M/WBE goals; DEP contracting staff explained how to do business with DEP, including bids on purchases and small purchases; Bronx OEDC's President Marlene Cintron talked about the importance of Bronx economic opportunity and spoke with all the attendees
- DEP staffed three tables:
 1. Contract compliance – to explain the M/WBE and other procurement rules and how to maximize opportunities
 2. Procurement contracting – to explain the opportunities for the small and micro purchases and how the P-card program works

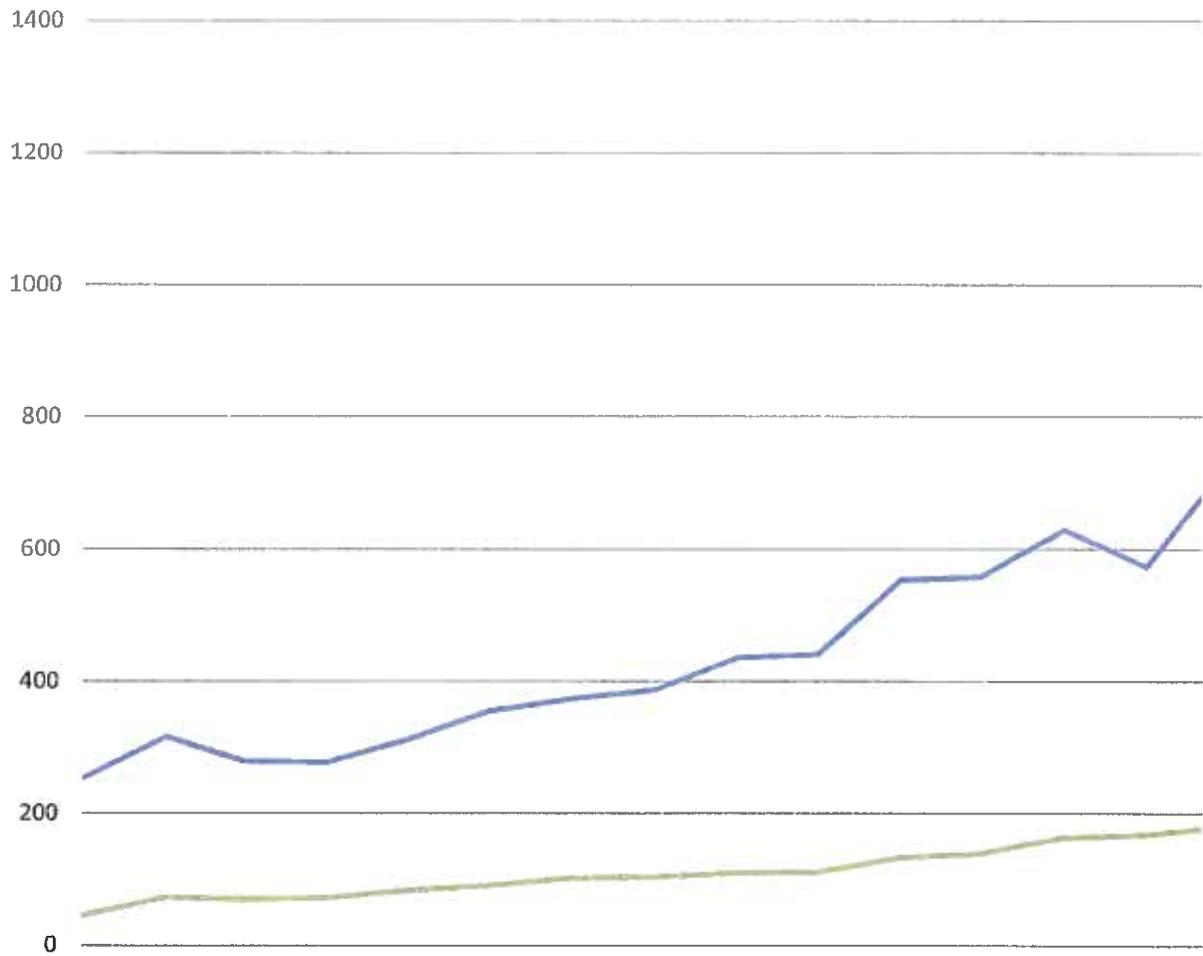
3. DEP Buyers – to let M/WBEs know what products DEP purchases for under \$5,000
- M/WBE business persons visited each company's table and had opportunity to network

Evaluation

- Many attendees found the session informative and said they valued having the opportunity to meet and mingle with other M/WBE business persons in addition to getting information from the contractors and government agencies
- Participation of Bronx OEDC was extremely helpful to the success of the event and offered a convenient and spacious venue, proximate to public transportation
- Involvement of other government agencies and offices substantially broadened the event's scope
- Contractors said they enjoyed participating, got some good contacts and gave information about projects in addition to Croton
- DEP will host additional outreach events for M/WBE business persons in the future

CROTON WATER TREATMENT PLANT AND O

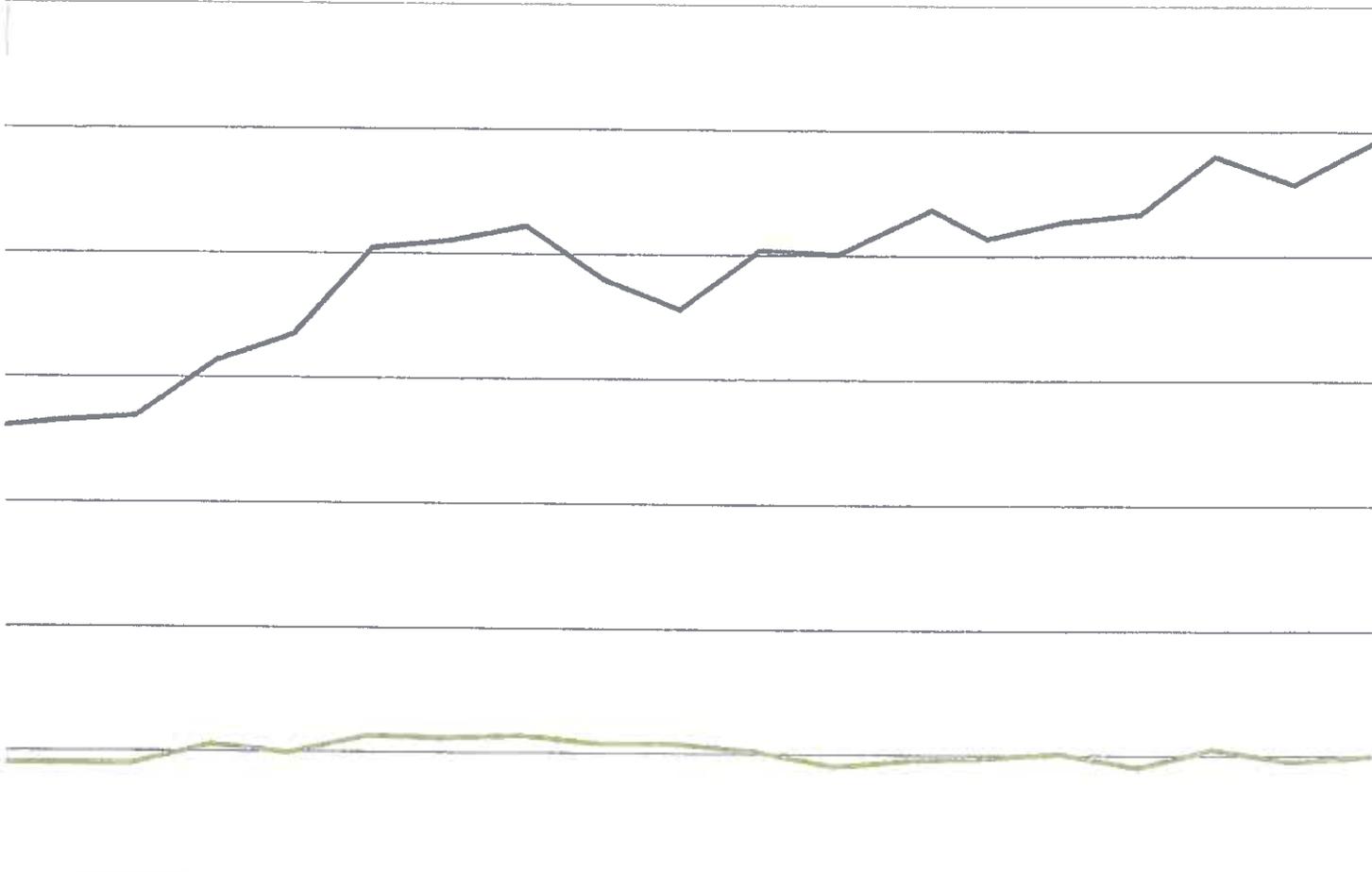
Average # of
Workers Per
Day



	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09
Bronx Workers %	18%	23%	25%	26%	27%	26%	27%	27%	25%	25%	24%	25%	26%	29%
Workers Bronx Workers	46	73	70	72	83	91	102	104	110	111	133	139	163	168
Workers Total Workers	254	317	280	278	312	356	374	387	436	441	553	558	629	573

Total Average Overall= 17% for CRO-312G, CRO-312E1, CRO-312E2, CRO-312H, CRO-312P, CRO-312OS-G and CRO-312OS

FSITE FACILITIES AT JEROME PARK RESERVOIR



9 Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10
25%	25%	26%	23%	22%	22%	22%	23%	24%	20%	18%	18%	19%	19%	17%	18%	17%	17%
181	181	212	199	227	224	228	216	216	204	181	193	195	203	181	210	191	200
730	738	827	869	1009	1021	1045	959	912	1007	1001	1073	1027	1054	1067	1160	1115	1182