

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
THURSDAY, JANUARY 20, 2011 – 7:00 PM**

The Croton Facility Monitoring Committee (CFMC) met on Thursday, January 20, 2011 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); Wilhelm Ronda, Bronx Borough President's Office; Jamin Sewell, office of City Council Member G. Oliver Koppell; Mark Lanaghan, Department of Environmental Protection (DEP). Present were staff of DEP; DEP's construction manager; and members of the public. Attendees are shown on *Attachment 1*.

Welcome

Mr. McShane welcomed the CFMC and the public and called the meeting to order at 7:10 pm. The agenda is *Attachment 2*.

Mr. McShane said that Father Gorman, Chair of Community Board #12, was not in attendance due to a health matter. However, he said, transfer of the chair to Community Board #12 should proceed at the meeting as planned. Fr. Gorman expects to chair the next and future CFMC meetings. Mr. McShane moved the rotation of the CFMC chair to Community Board #12. Mr. Foster seconded. The CFMC representatives agreed that CB #12 would be FMC chair during 2011.

Adoption of CFMC Meeting Minutes

Mr. McShane moved approval of December's meeting minutes. Mr. Ronda seconded the motion. By unanimous agreement, the minutes were adopted.

Postponement to Next Meeting of Further Discussion of DEP's M/WBE Program

Mr. Lanaghan said that Mary Pazan, DEP's Agency Chief Contracting Officer (ACCO), was not available for tonight's meeting but she will brief the CFMC in February about DEP's M/WBE program as had been requested by the CFMC.

Status of DPR Croton-Funded Improvement Projects

Frank McCue, DPR, manager of the Croton-funded parks projects, presented the current projects. Please see *Attachment 3*.

Mr. Foster requested more information about the status of Harris Field. Mr. McCue indicated that fields 5 & 6 are ready for sod. Fields 1 & 2 need further work before sod can be installed. All of this work will be performed as soon as the weather permits. The contractor is installing the playground equipment which is currently about 90% complete. He added that the safety surface for the playground is weather dependent, and the cold weather has slowed its progress. Mr. McShane questioned the time needed for a ball

field to knit. Messrs. Aponte and McCue said that a season is needed for knitting; however, this process is also affected by weather conditions. They said that fields 3 and 4 have been open since September 2010. Mr. Aponte added that the Cricket fields in Van Cortlandt Park are closed, but in early spring 4 of these fields are expected to be available. Gary Axelbank, area resident, asked if contaminated soils have been removed from Harris Field. Mr. McCue said that by August 2010 approximately 19,000 tons of material had been exported from the Park. Mr. Axelbank pointed out a chart from the Croton Filter Plant's 2004 EIS which, he said, showed that everyone should have known that the soils in the area would be contaminated. Mr. Aponte added that a significant quantity of ash was found and a portion of it was later removed from the site.

Construction Update/Look-ahead (*Attachment 4*) and **Costs** (*Attachment 5*)

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

The CRO-312 contractors are continuing numerous construction activities at the VCP site. Most of the concrete has been placed. Work has continued on constructing the above-ground Arrivals and Receiving Building, Chemical Fill Station and above-ground vent/stairway structures. The DEP Police booth will be constructed later, following completion of the roadway. As he has reported to the CFMC at recent meetings, Mr. Daly said that most of the construction work is now taking place inside the treatment plant structure. Installation of mechanical, electrical, plumbing and HVAC work continues. There is extensive utility work underway that will continue, including sewer, electric, and force main piping. The construction of the retaining wall at the entrance to the Croton Filter Plant is continuing. Mr. Daly noted that the electrical work necessary for the facility is extensive and its productivity is being closely monitored by DEP.

The CRO-313 tunnel contractor has made substantial progress on building the Raw Water and Treated Water Shafts at the VCP site. The New York State Department of Health is planning to visit the Croton Filter Plant site late in January to inspect the tunnel, weather permitting, and this contract may be complete during February 2011.

The CRO-312-OS contractors are continuing the work at the Shaft and Meter Chamber at Jerome Park Reservoir (JPR) installing large diameter piping. Intermittent work is continuing on improvements to Gate House No 5 and No 7. That work includes the replacement of old rusty beams.

At the South Basin, most of the concrete work for the new ramp was completed before the cold weather arrived, but the stone work cannot be performed until the temperature rises. Separate from the Croton Filter Plant project, DEP is currently investigating the long term work that may be needed at JPR, and this work is using a drill rig in the South Basin. In answer to an inquiry about the survey, Mr. Daly said that the investigation of JPR is about 75% complete. The DEP Asbestos Task Force has made progress in removing asbestos from the Microstrainer Building at the south end of JPR near Gate House No. 6. As previously mentioned, plywood was erected on the Microstrainer Building roof to isolate the work.

There is no water in the JPR basins and no chlorine is on site. JPR basins will not be filled, pending work on the New Croton Aqueduct (NCA) a part of Contract CRO-334. A plug will be constructed adjacent to Shaft 21 later this year or early next year as part of the CRO-334 contract.

Mr. Daly presented the breakdown of costs that total \$2,259,659,327.00. He was asked how the Croton contractors were selected, and he explained that all but two contractors were selected because they submitted the lowest sealed bid. As has been previously discussed with the CFMC, Skanska was selected for the CRO 312-G contract after the low bidder was unable to finalize its business arrangements with NYC. On Contract CRO 315 E, Interphase Electric was awarded the contract after the low bidder was determined non-responsive to do the work.

Mr. Axelbank said that as taxpayers the public wants to know the additional costs of design and construction management on Croton as well as the cost of contractors. Mr. McShane asked if DEP would provide these costs in the future. Mr. Daly agreed.

Mr. Axelbank asked about the status of the force main. Mr. Daly said that CRO 312-FM contractor is not presently working, while DEP selects a shorter alternate route. A new route awaits the development of a new design and discussions with oversight agencies. The designer is expected to begin work to formulate an alternate route in the near future. The tie-in location to the NYC sewer system has not yet been decided. The new route will either be three or three and ½ miles from the VCP site to its interconnection, depending on design factors. One of the possible routes may be along Sedgwick Avenue; however, at this time a specific route has not been confirmed. The new route will bring residuals to a DEP interceptor sewer that will carry the residuals flow to Wards Island Wastewater Treatment Plant. Mr. Ronda asked about the effect of treatment from adding residuals to the Wards Island flow. Mr. Daly and Lauren Competello, DEP, explained that the Wards Island plant treats about 275 million gallons a day (MGD) in dry weather and handles 550 MGD in wet weather. Current daily flow is approximately 210 MGD, easily allowing for the addition of residuals from the Croton Filter Plant. Mr. Ronda asked whether residuals cause blockages, sewer overflows, or back ups. Ms. Competello said that the residuals flow contains only about 2% solids and will not disrupt the sewer system or treatment plant. The interceptor sewer is a large uninterrupted conveyor. It will not overflow, but will lead directly to Wards Island. The interceptor is an existing pipe that is no smaller than 5' in diameter and for much of its length will be much larger in diameter.

Mr. Axelbank criticized that the alternate route is being formulated so late in the Croton Filter Plant's construction. He asked what outreach on the new route will occur. Mr. Lanaghan and Martha Holstein, construction management, said that as the route becomes more specific, DEP will conduct continuing outreach through the CFMC and additional outreach within the two community districts that will be affected, Community Boards #7 and #8. This will include consultation with the schools and facilities along the route. The DEP community office will be regularly involved with the public in preparation for construction, and will be the community liaison during construction. Mr. Daly and Ms.

Competello commented on the difficulties encountered with the old route. They said that test pits excavated along the route to Hunts Point resulted in finding of underground obstructions including but not limited to previously-mentioned trolley tracks on Webster Avenue, and other problems. Mr. Daly said DEP is committed to get the force main constructed as quickly as possible. Mr. Axelbank said there are also trolley tracks on Sedgwick Avenue near Ft. Independence.

Mr. Daly added that soils in the new force main route are likely to be contaminated as well because the threshold limits for contaminated soils are low.

Mr. McShane asked if the alternate route will be constructed by Maspeth Supply. Mr. Daly said this has not yet been determined.

Mr. Ronda asked whether the new route will save money. Mr. Daly said that force main costs are at \$31 million but the alternate route will be shorter and will be less costly than the original route. Mr. Ronda said that DEP should then fund the pedestrian bridge over the Major Deegan Expressway from the savings.

Update on Croton Jobs

Mr. Lanaghan presented the latest jobs report – see *Attachment 5*. He said that the major contractor, Skanska, reduced its workforce by 100 persons between November and December, although the total percentage of Bronx jobs has remained approximately the same during the past six months. Mr. Foster again urged DEP to press the contractors to increase the Bronx based Croton workforce to 25% and not to be content with less.

Mr. Lanaghan reported that an additional \$4 million in goods and services from the Bronx was purchased for Croton in November and December 2010. Rebar, sheet metal, hardware and concrete were the largest quantities bought. Mr. Ronda asked DEP to urge the contractors to buy Bronx goods wherever possible to help fulfill DEP's commitment that the Croton Filter Project would benefit the economy of the Bronx. Mr. Lanaghan said that purchase of Bronx goods and services continues to be a priority and the contractors are regularly reminded to buy from Bronx companies.

CFMC Discussion

The CFMC set the next meeting for Thursday, February 17th at 7 pm.

Mr. McShane was given unanimous agreement to adjourn. The meeting adjourned at 8:20 pm.

1/20/2011

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>
Lloyd Douglas	Minority Business Consultant	165 West 127 St. #2J New York NY 10027	(718) 292-3113 x 7550		
Wilhelm Ronda	Bronx Borough President's Office	851 Grand Concourse Bronx NY 10451	(718) 590-8087		wronda@bronxbp.nyc.gov
Gary Axelbank			(718)960-8707	(718)960-6795	gaxinthebronx@gmail.com
Paul Foster	Community Board #7	229A East 204 Street Bronx NY 10458	(718) 933-5650		pfoster@cb.nyc.gov
Hector Aponte	NYC Dept of Parks & Recreation	1 Bronx River Parkway Bronx NY	(718) 430-1801	(718) 430-1818	hector.aponte@parks.nyc.gov
Martha Holstein	Strategic Urban Solutions, Inc.	335 Adams Street Brooklyn, NY 11201	(718) 625-1005 x. 223	(718) 625-1032	mholstein@urbansol.com
Bernard Daly	DEP BEDC Project Manager	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324 3034	bdaly@dep.nyc.gov
Michele Lignore-Diaz	NYC Dept of Parks & Recreation	1 Bronx River Parkway Bronx NY	(718) 430-4617		michele.lignore-diaz@parks.nyc.gov
Chris Rivera	DEP Community Outreach Office - Croton	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	crivera@dep.nyc.gov
Thomas Farrell	Construction Manager URS/Malcolm Pirmie	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324-3034	thomas.farrell@shawgrp.com
Josh Seger	DEP - BEDC	96-05 Horace Harding Exp Flushing NY	(718) 595-3081		iseger@dep.nyc.gov
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
Lauren Competello	DEP BEDC	96-05 Horace Harding Exp Flushing NY	(718) 595-6221		laurenc@dep.nyc.gov

<u>Name</u>	<u>Organization /</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Jamin Sewell	Office of Council Member Konnell	3636 Waldo Avenue Bronx NY 10463	(718) 549 7300	(718) 549-9945	jsewell@council.nyc.gov
Elizabeth Warth	Construction Manager	3701 Jerome Avenue Bronx NY 10467	(718) 696-2000		ewarth@crotoncm.com
Ilona Linins	Lehman College	250 Bedford Pk Blvd West Bronx NY	(718) 960-8988		ilona.linins@lehman.cuny.edu
Adam Wisnieski	Riverdale Press	6155 Broadway Bronx NY	(718) 543 6065		awisnieski@riverdalepress.com
Margot Perron	NYC Dept of Parks & Recreation	1 Bronx River Parkway Bronx NY	(718) 430-1890		margot.perron@parks.nyc.gov
Frank McCue	NYC Dept of Parks & Recreation	Olmstead Center Flushing NY 11368	(718) 760-6676		frank.mccue@parks.nyc.gov

Attachment 2

Agenda

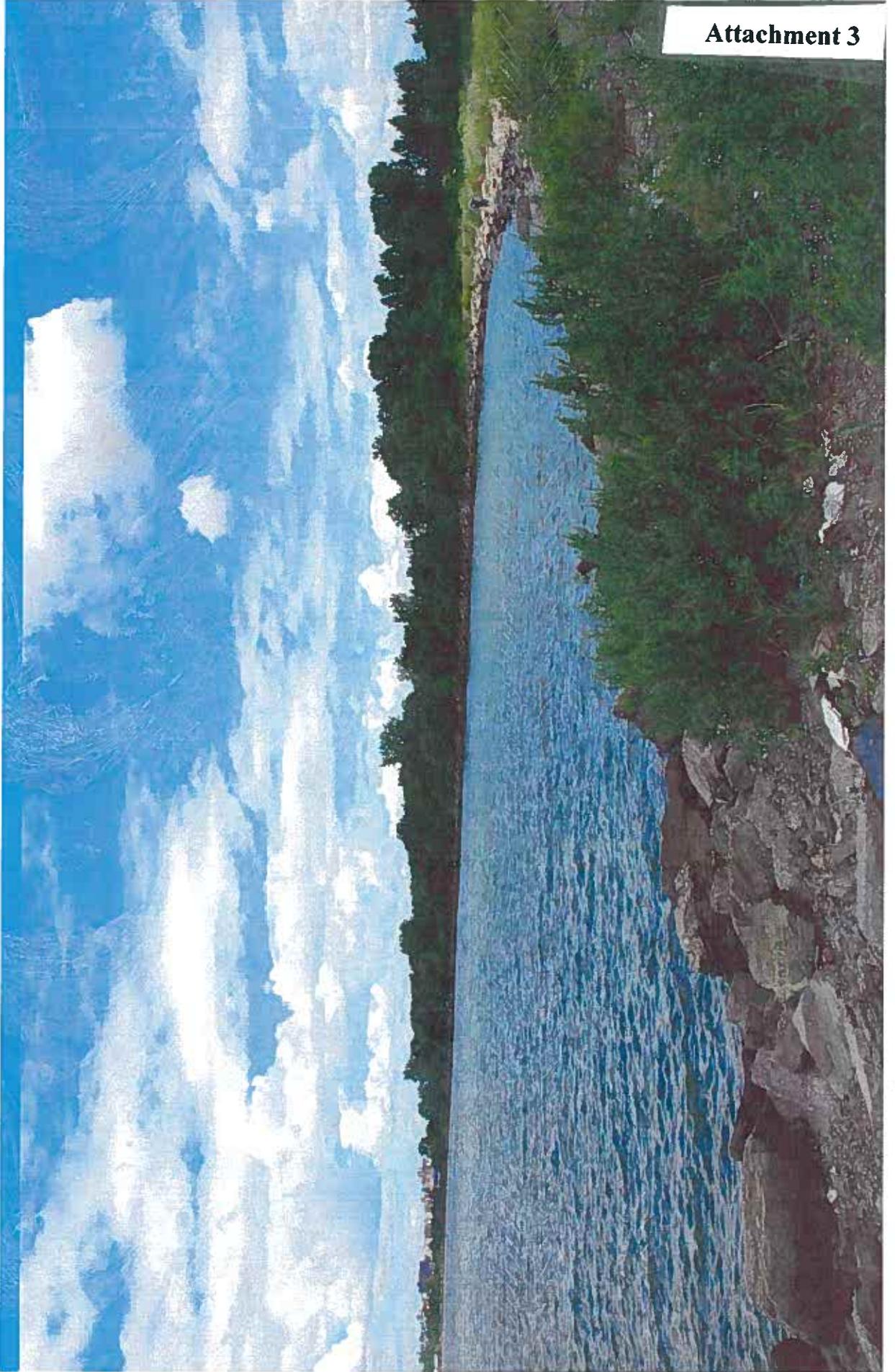
Croton Facility Monitoring Committee Meeting

Thursday, January 20, 2011 – 7:00 PM

DEP Community Office, 3660 Jerome Avenue, Bronx NY 10467

- | | |
|--|--------------------------|
| I Welcome, Vote on New CFMC Chair
Fr Richard Gorman, CB #12 | Damian McShane, Chairman |
| II Comments by Fr. Gorman about 2011
CFMC goals | Fr Gorman |
| III Consider, Adopt 12/15/10 Meeting Minutes | CFMC Representatives |
| IV Update on Parks Department Croton
Funded Improvement Projects | Frank McCue, DPR |
| V Construction Update, Schedule & Costs | Bernard Daly, P.E., DEP |
| VI Current Report - Croton Jobs | Mark Lanaghan, DEP |
| VII CFMC Discussion, Set Next Meeting | CFMC Representatives |
| VIII Adjourn | |

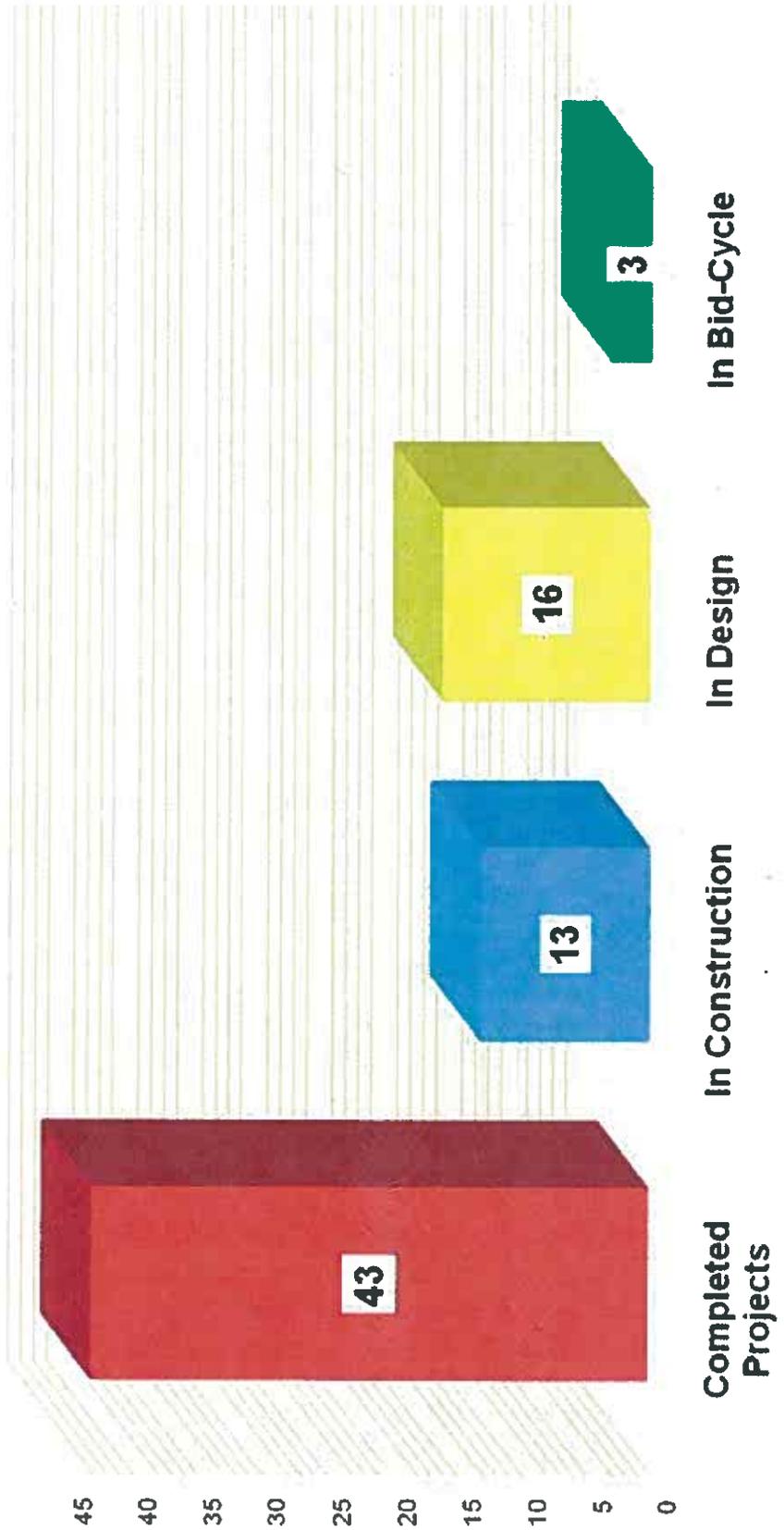
The Croton Program



Attachment 3

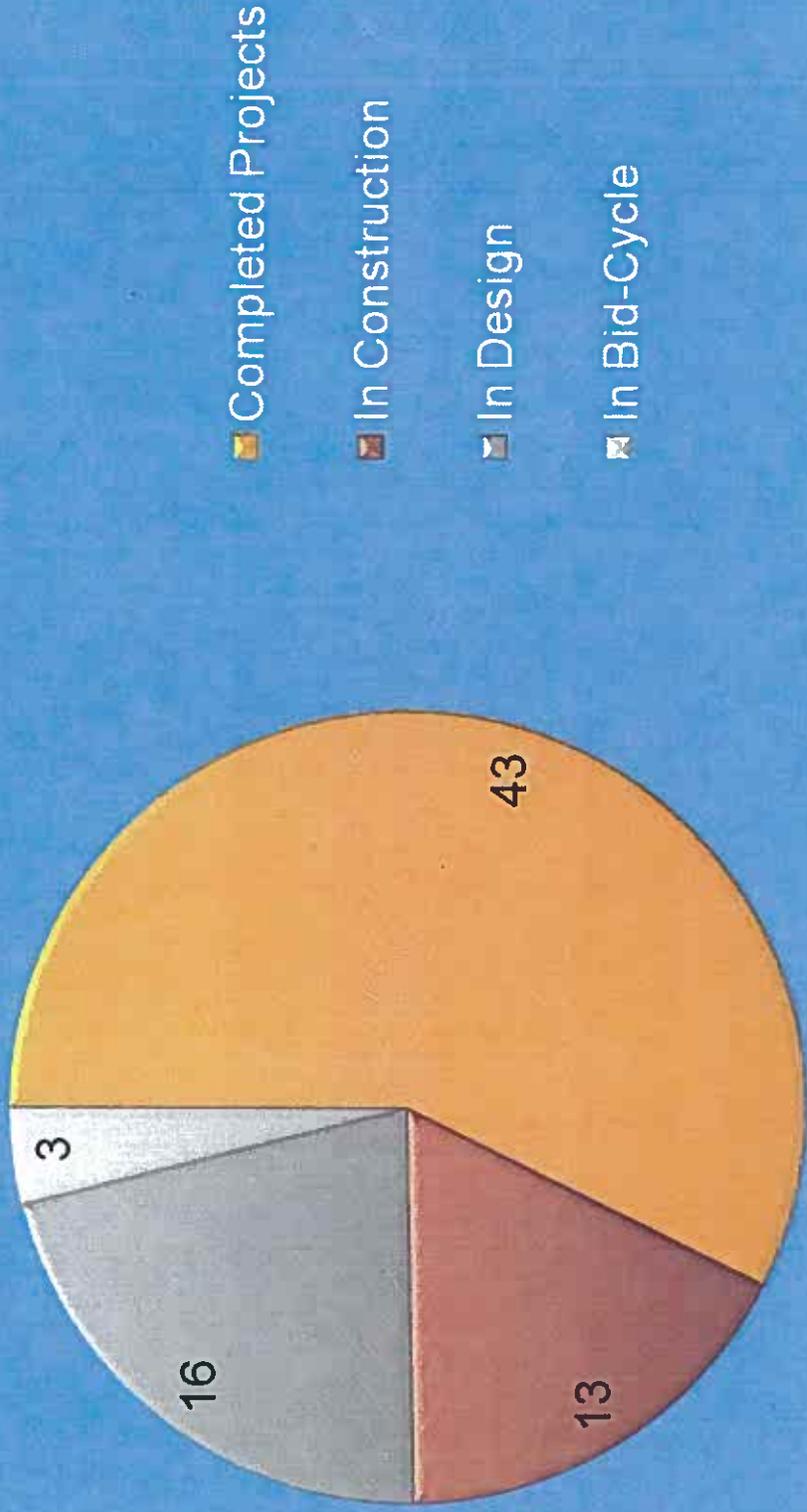
CROTON PROJECTS OVERVIEW:

Within the Croton Projects, we have completed forty (43) construction projects totaling \$81,864,892 and sixteen (16) more projects totaling \$51,253,573 currently in construction. There are sixteen (16) projects currently in design totaling \$61,757,869 and three (3) in procurement process totaling \$4,544,620.



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**CROTON
PROJECTS
“BEFORE &
AFTER”**

MANIDA BALLFIELD

Total Budget \$1,600,000

Accepted 5/23/08



AQUEDUCT LANDS PLGD.

Total Budget \$1,809,860

F.I. 6/26/08



Williamsbridge Oval Track and Field

Total Budget \$3,000,000

Accepted 11/24/08



MT. HOPE PLAYGROUND

Total Budget \$1,809,860

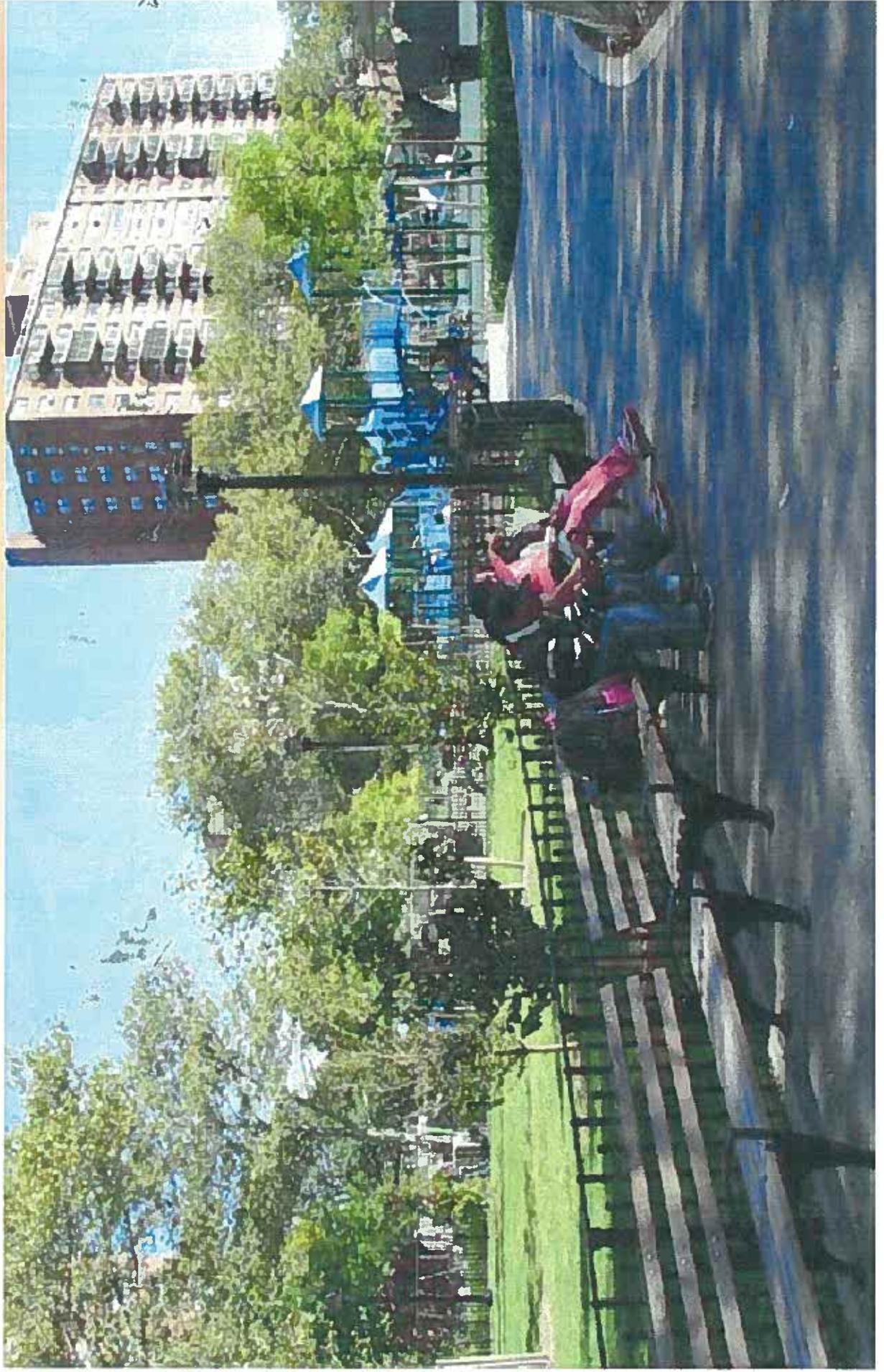
F.I. 6/27/08



STORY PLAYGROUND

Total Budget \$5,795,989

F.I. 6/28/08



BRONX SKATE PARK EAST (BALLFIELD BUNDLE)

Total Budget \$1,357,395

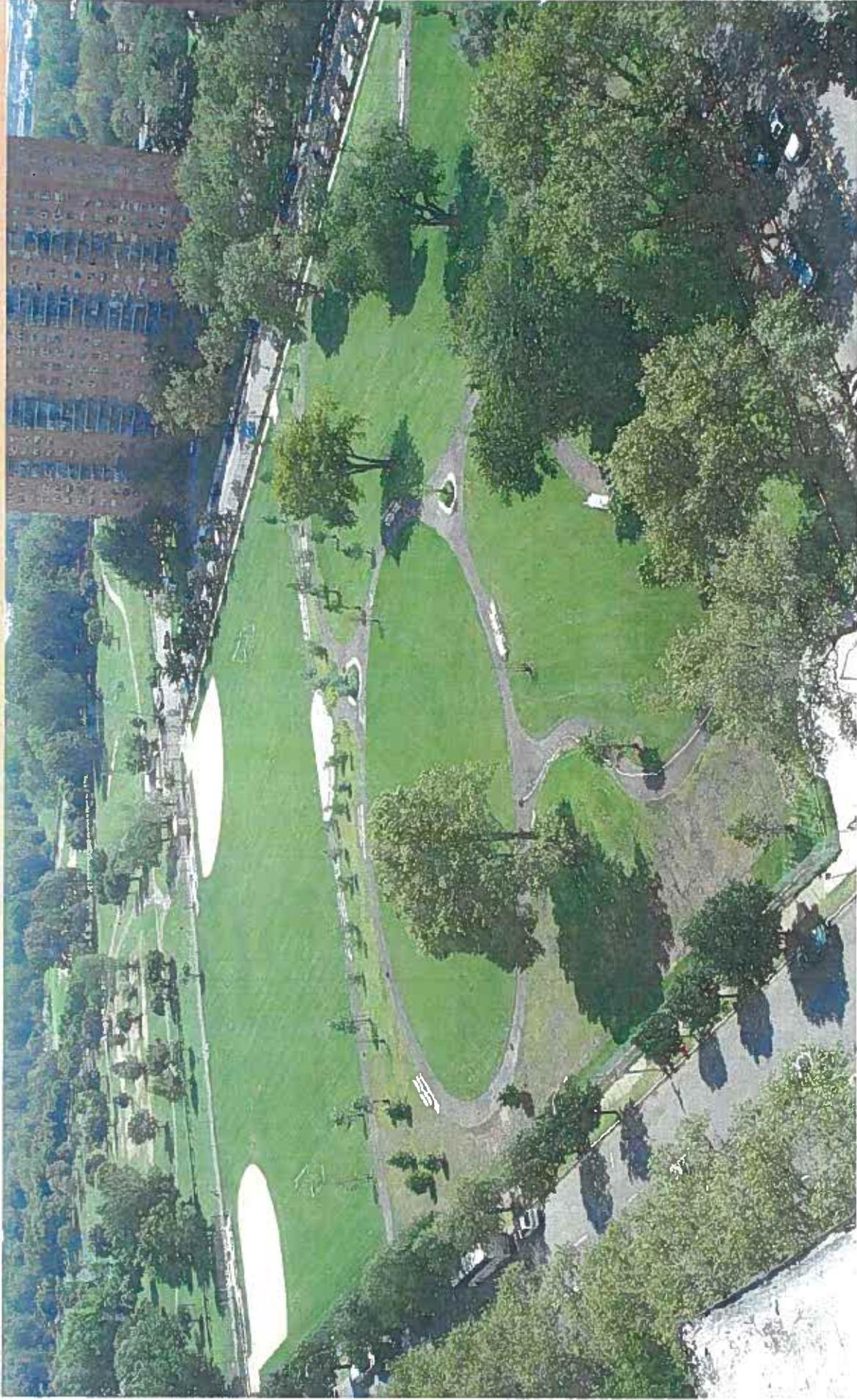
F.I. 11/5/09



SOUNDVIEW BALLFIELD (BALLFIELD BUNDLE)

Total Budget \$3,619,720

F.I. 11/5/09



TROJAN BALLFIELD (BALLFIELD BUNDLE)

Total Budget \$2,714,790

F.I. 11/5/09



ALLEN SHANDLER (BALLEFIELD BUNDLE)

Total Budget \$2,714,790

F.I. 11/5/09



St. James Phase 3

Total Budget \$1,949,000

Accepted 9/19/08



St. James Phase 4

Total Budget \$3,000,000

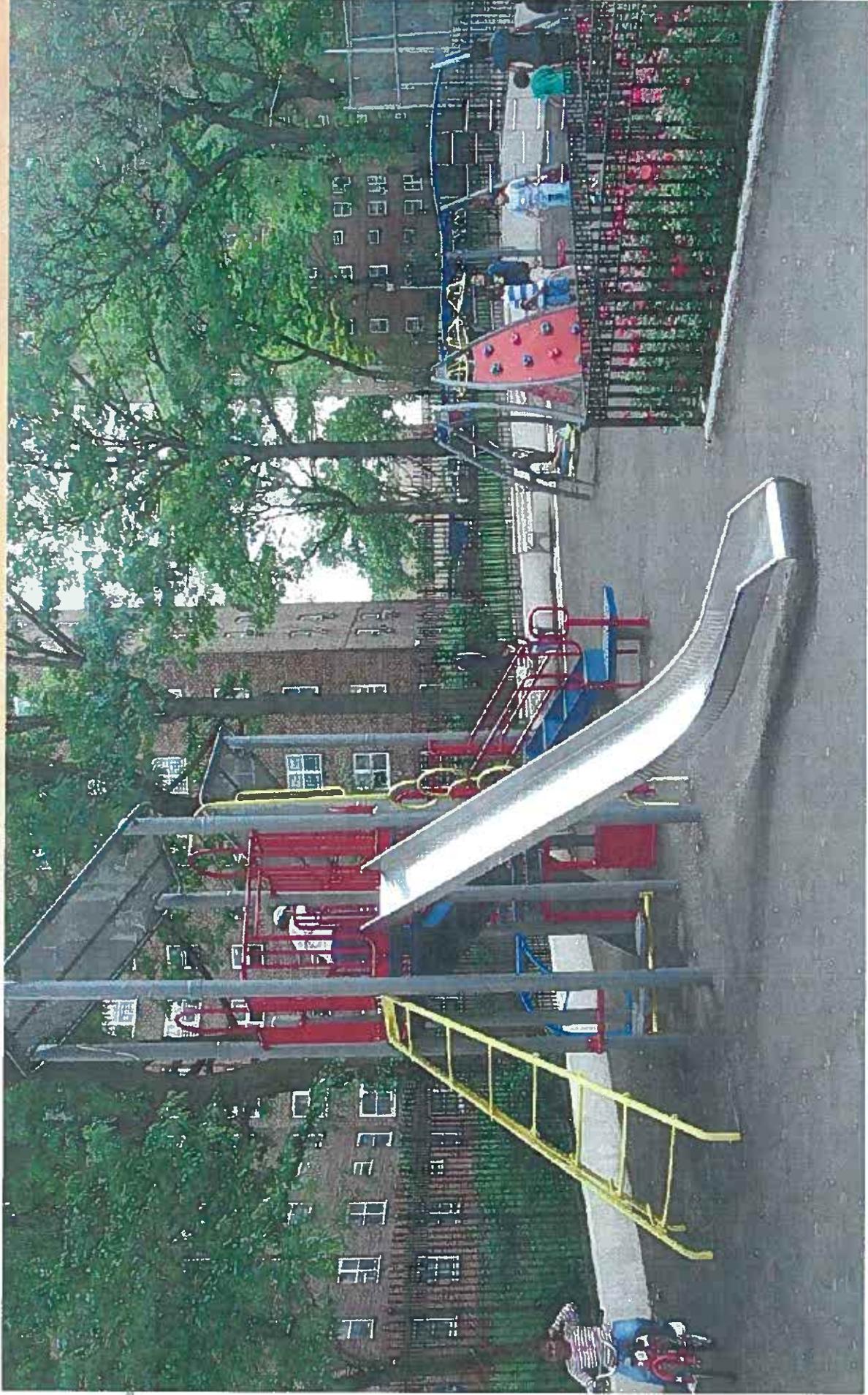
Accepted 10/07/08



MELROSE PLAYGROUND

Total Budget \$1,357,395

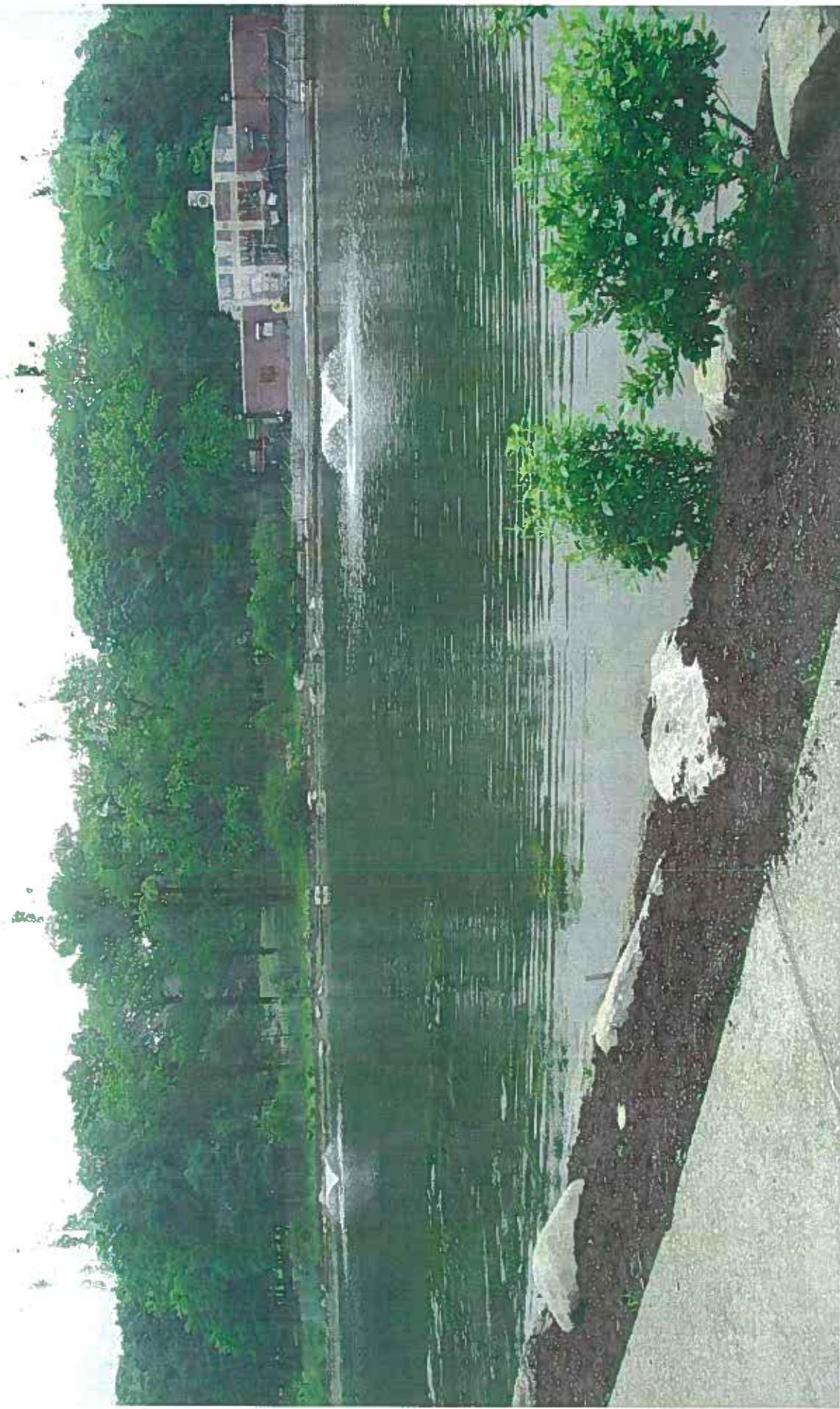
F.I. 1/5/09



Crotona Park Indian Lake

Total Budget \$4,434,157

F.I. 6/19/09



Edenwald Playground

Total Budget \$1,809,860

F.I. 9/17/09



Campanaro Playground

Total Budget \$1,764,614

U.I. 8/28/09



Sedgwick Playground

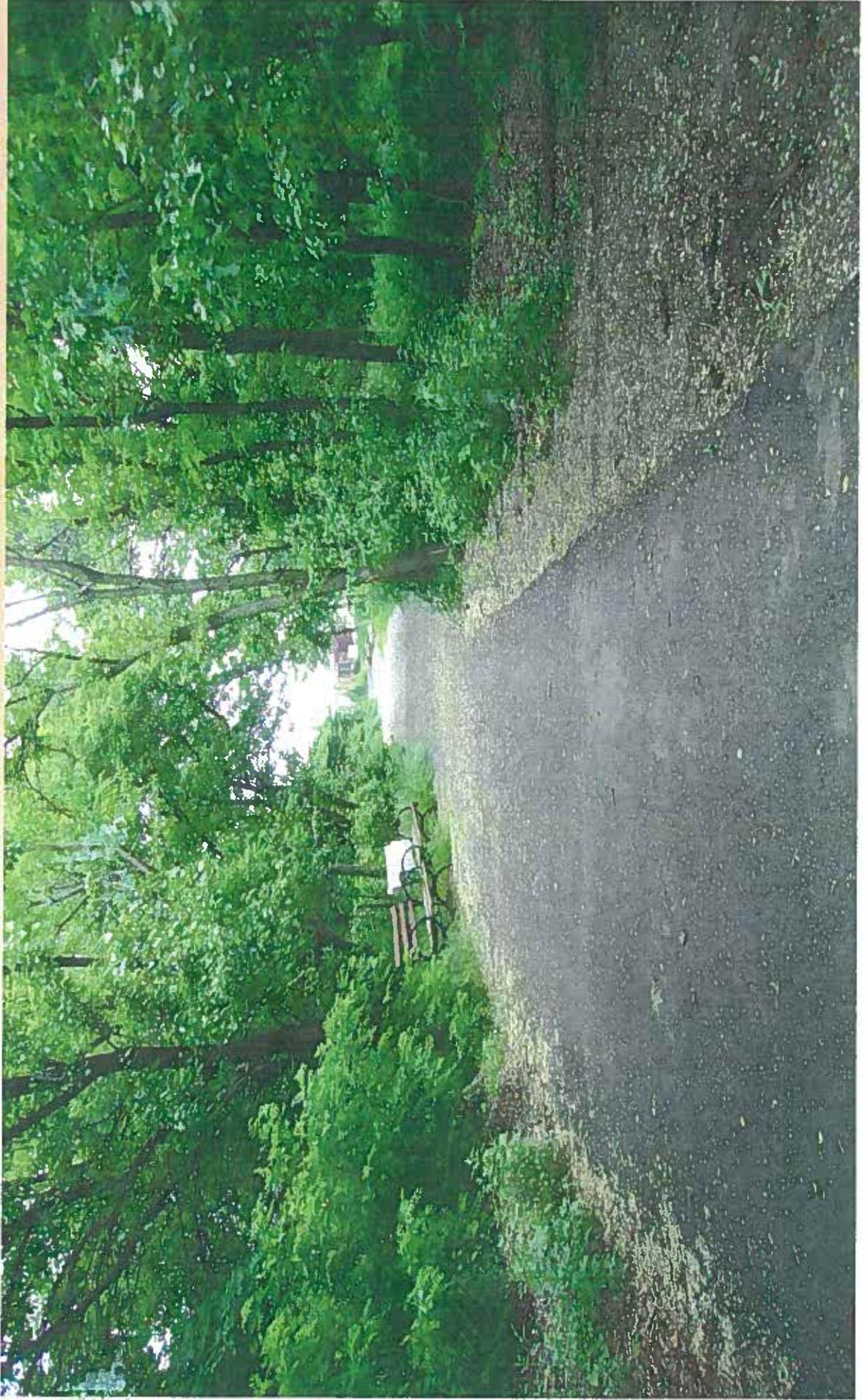
Total Budget \$1,628,874

Accepted 9/16/09



Pugsley Creek Greenway

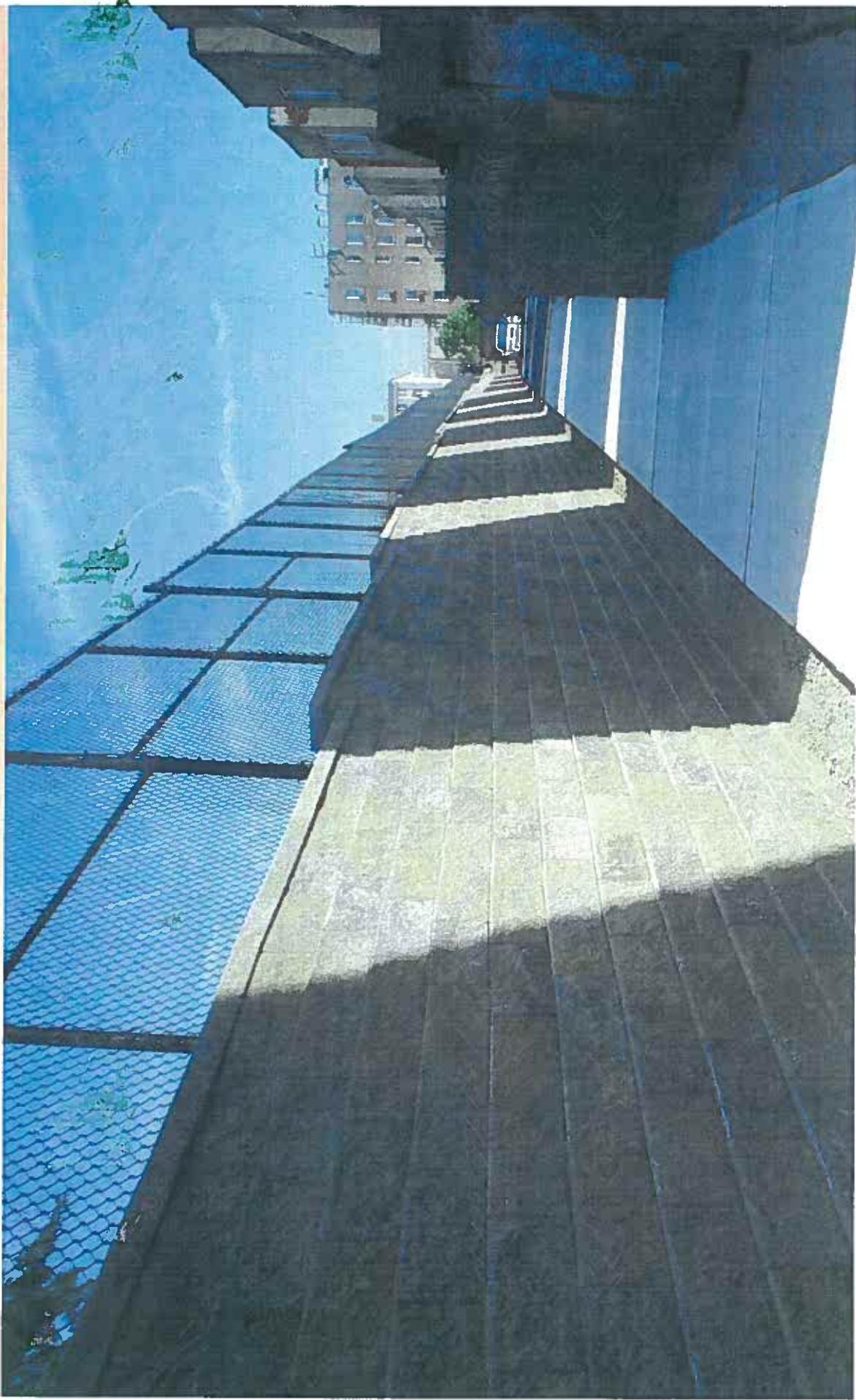
Total Budget \$2,714,790



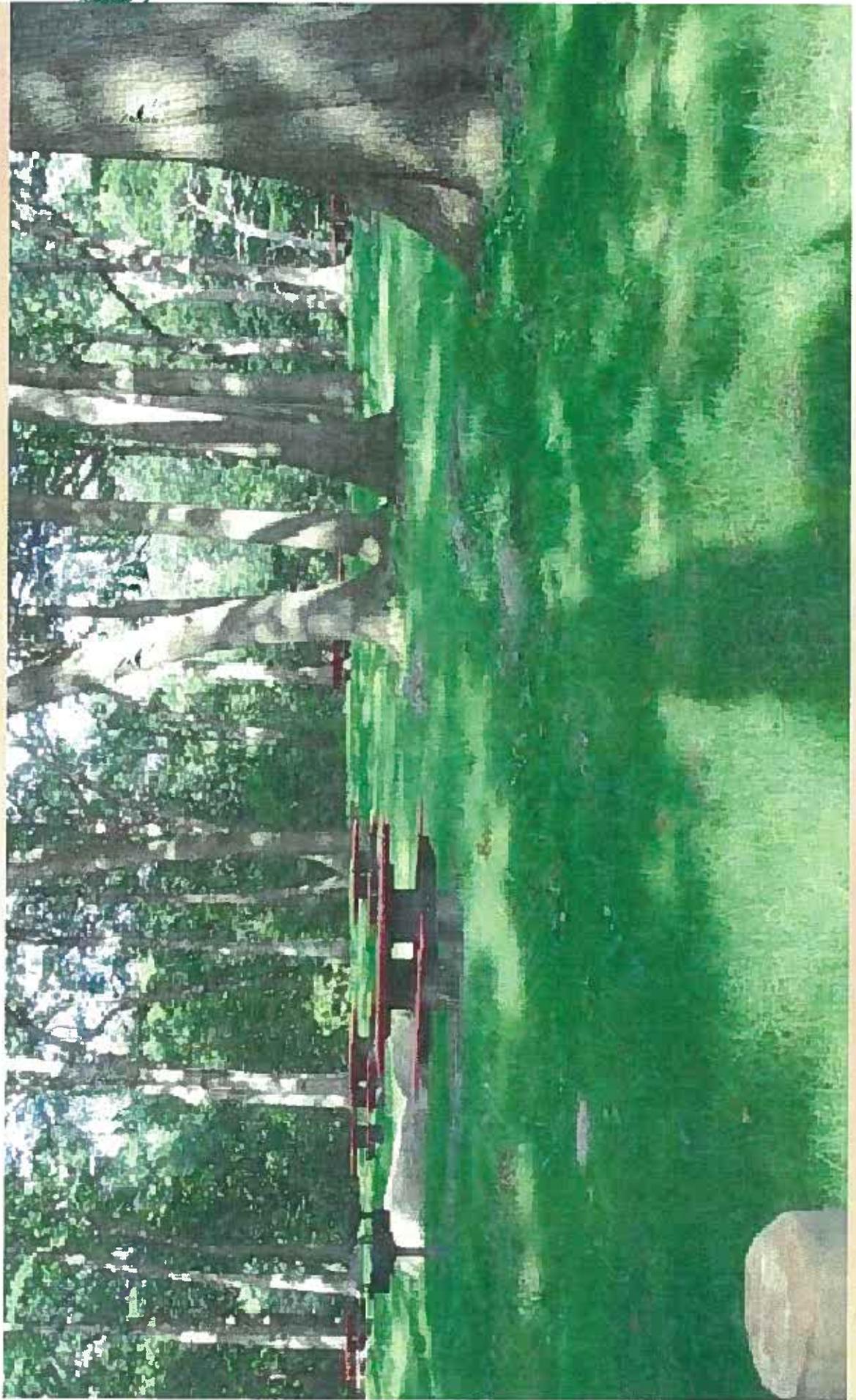
Grant Park Retaining Wall

Total Budget \$1,933,352

F.I. 10/13/09



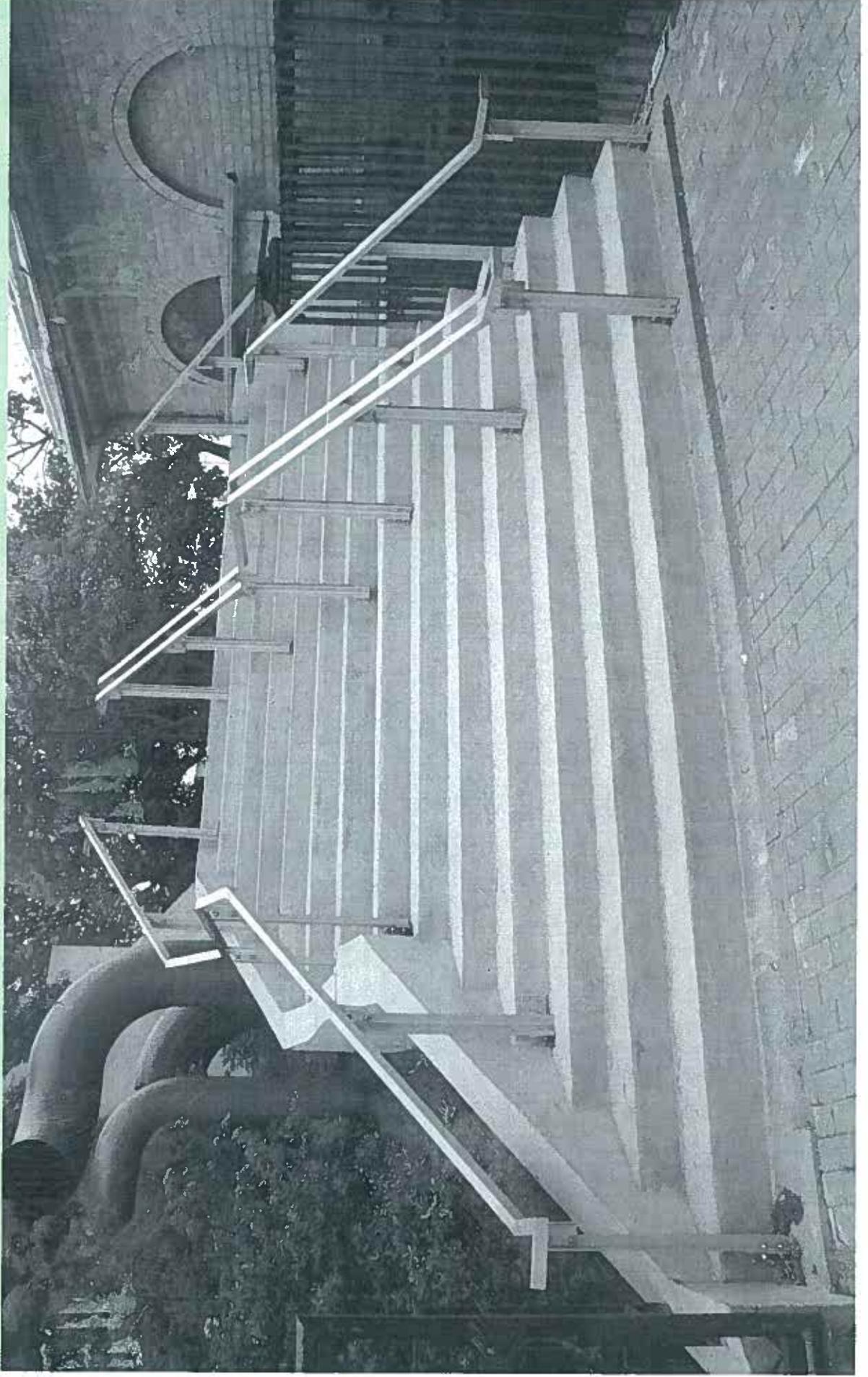
VCP Allen Shandler Picnic Area
Total Budget \$840,292 **F.I. 9/29/09**



Owen Dolen Recreational Center

Total Budget \$904,930

F.I. 6/23/10



CROTON PROJECTS “IN- CONSTRUCTION”

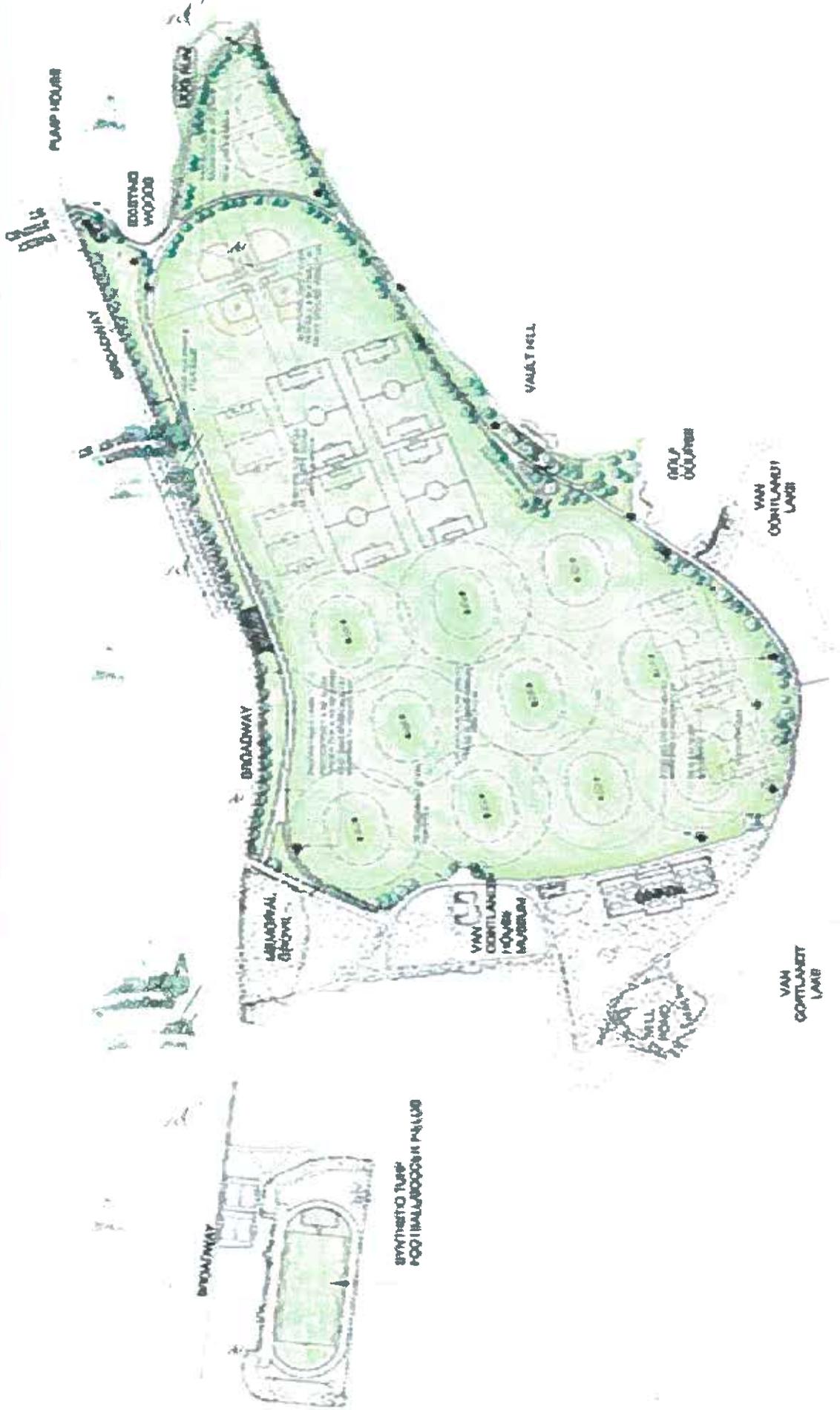
VCP Parade Grounds

Total Budget \$14,931,345

Current Conditions



VCP Parade Ground Schematic

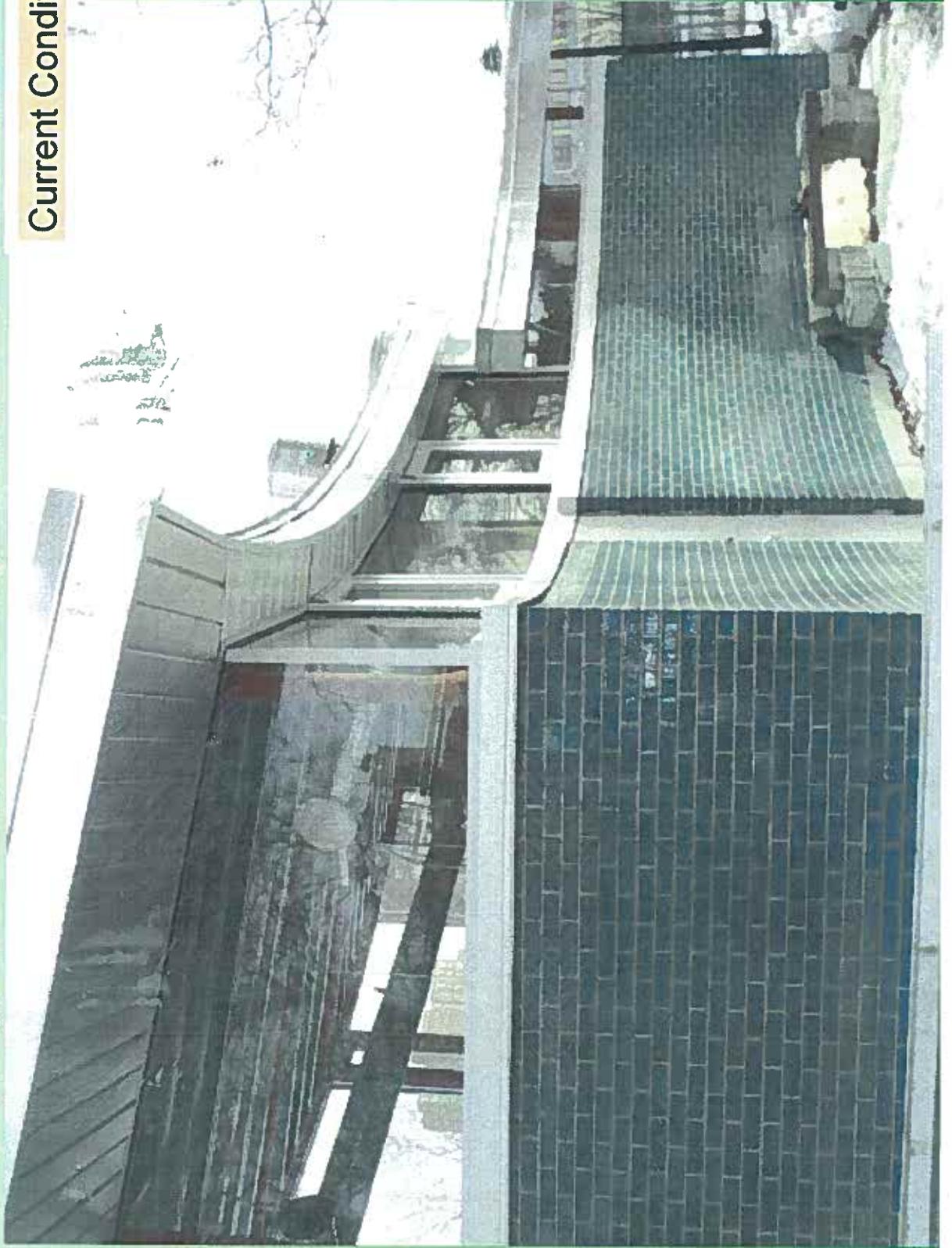


SCALE: 1/8" = 1'-0" (SEE ARCHITECT'S PLAN)

Story Comfort Station

Total Budget \$810,000

Current Conditions

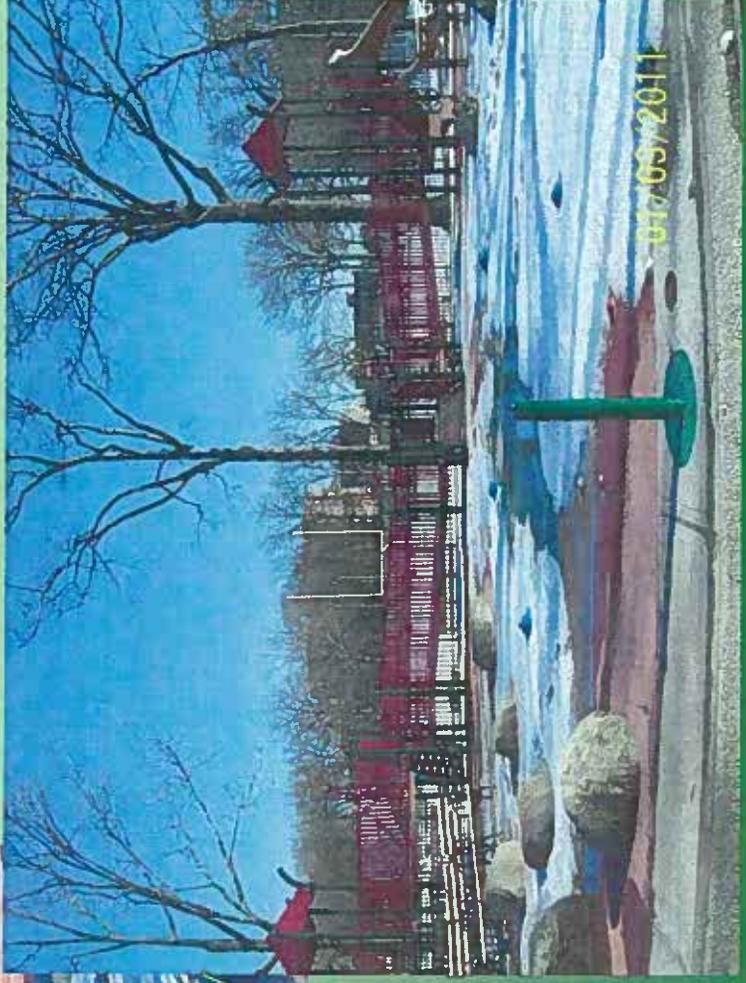


Williamsbridge Oval Playground

Total Budget \$5,775,077

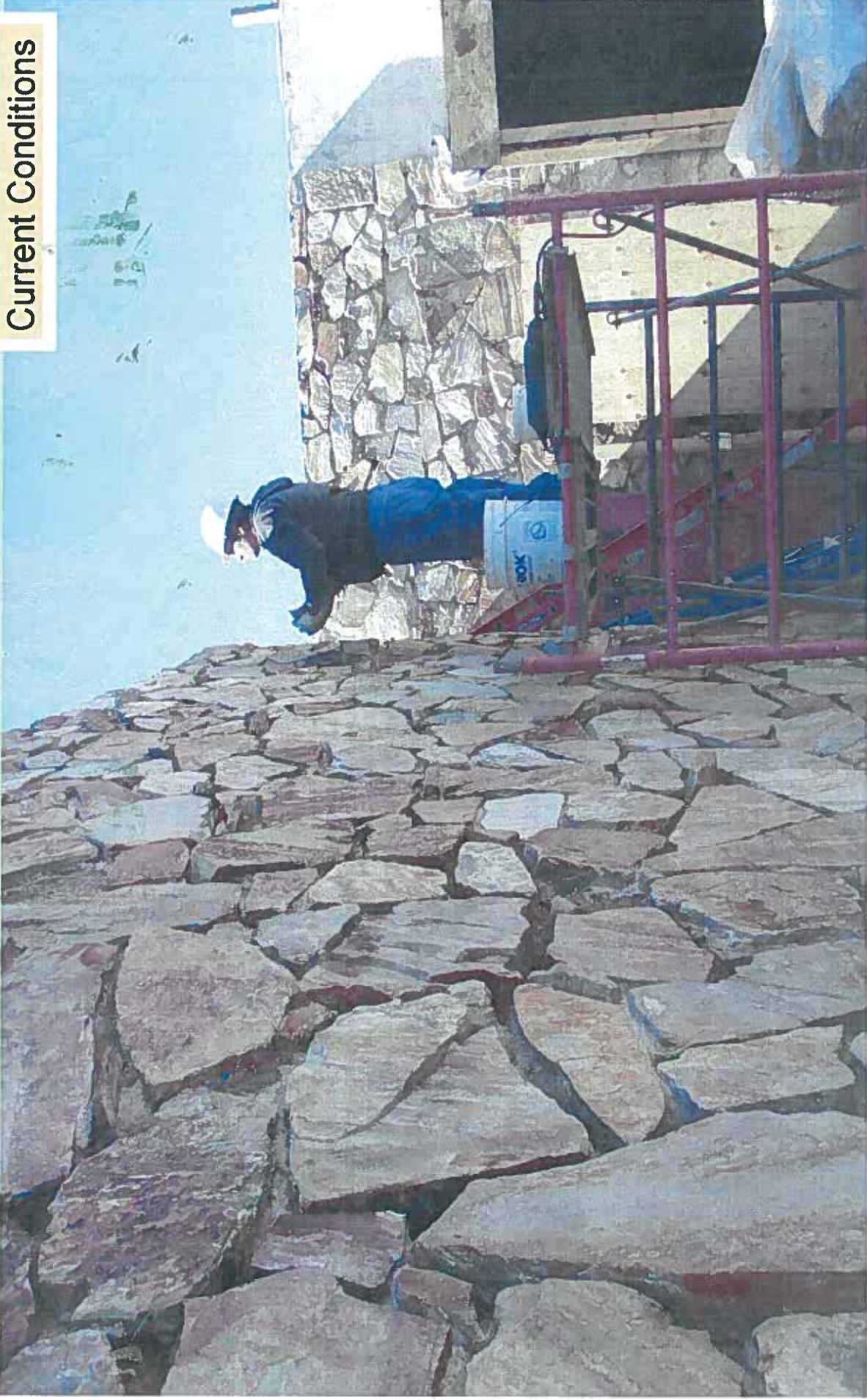


Current Conditions



Mullaly Skate Building

Total Budget \$5,700,000

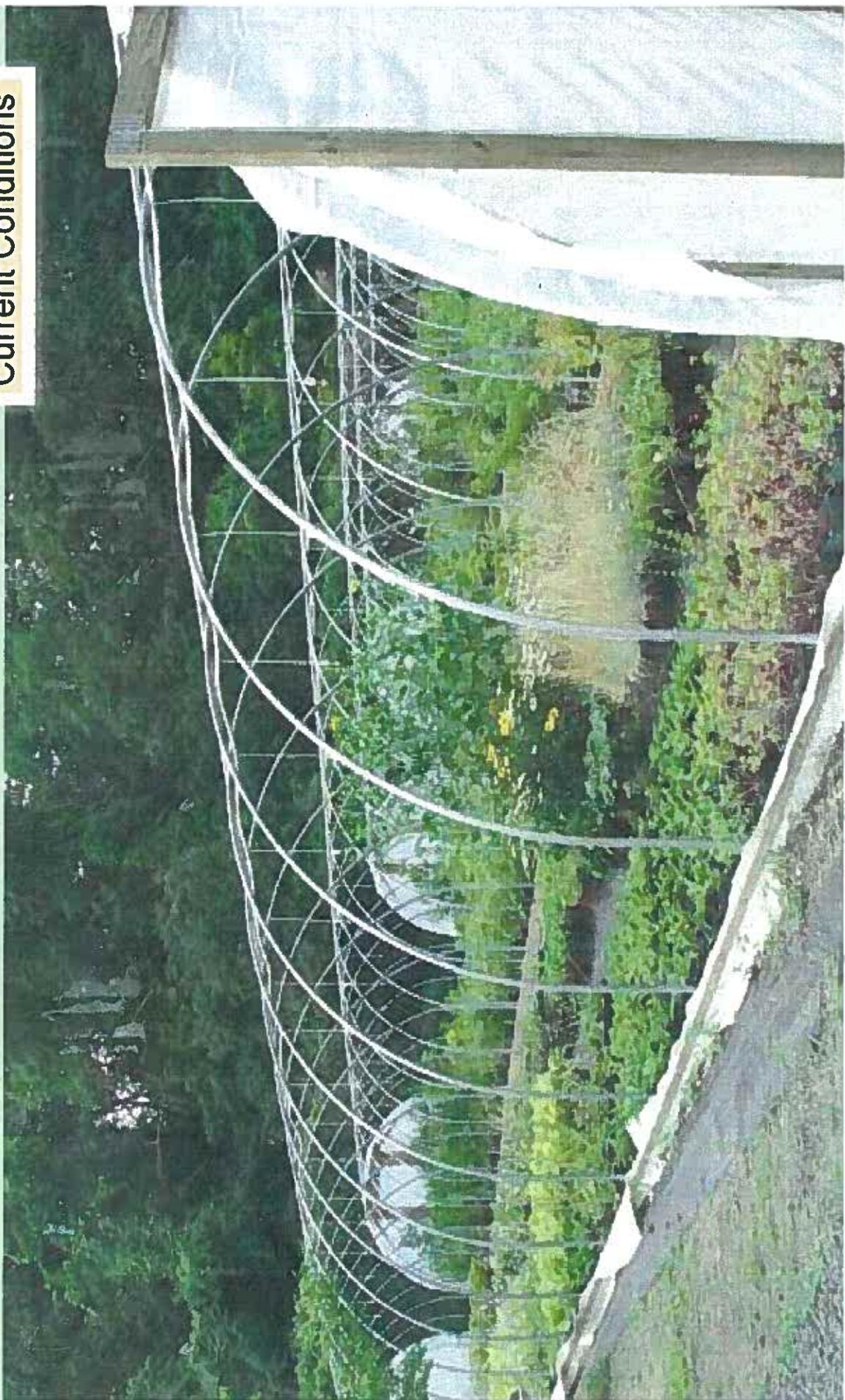


Current Conditions

VCP Nursery

Total Budget \$700,000

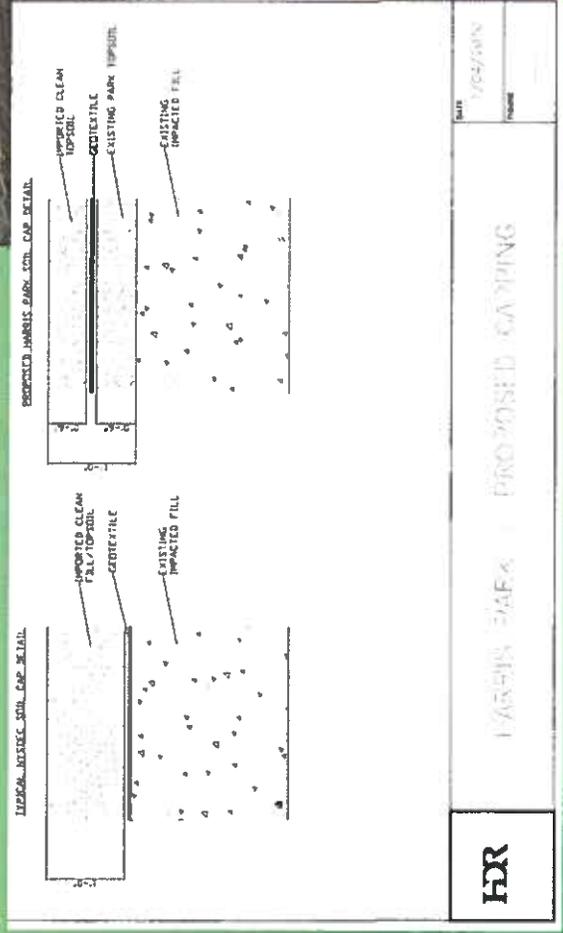
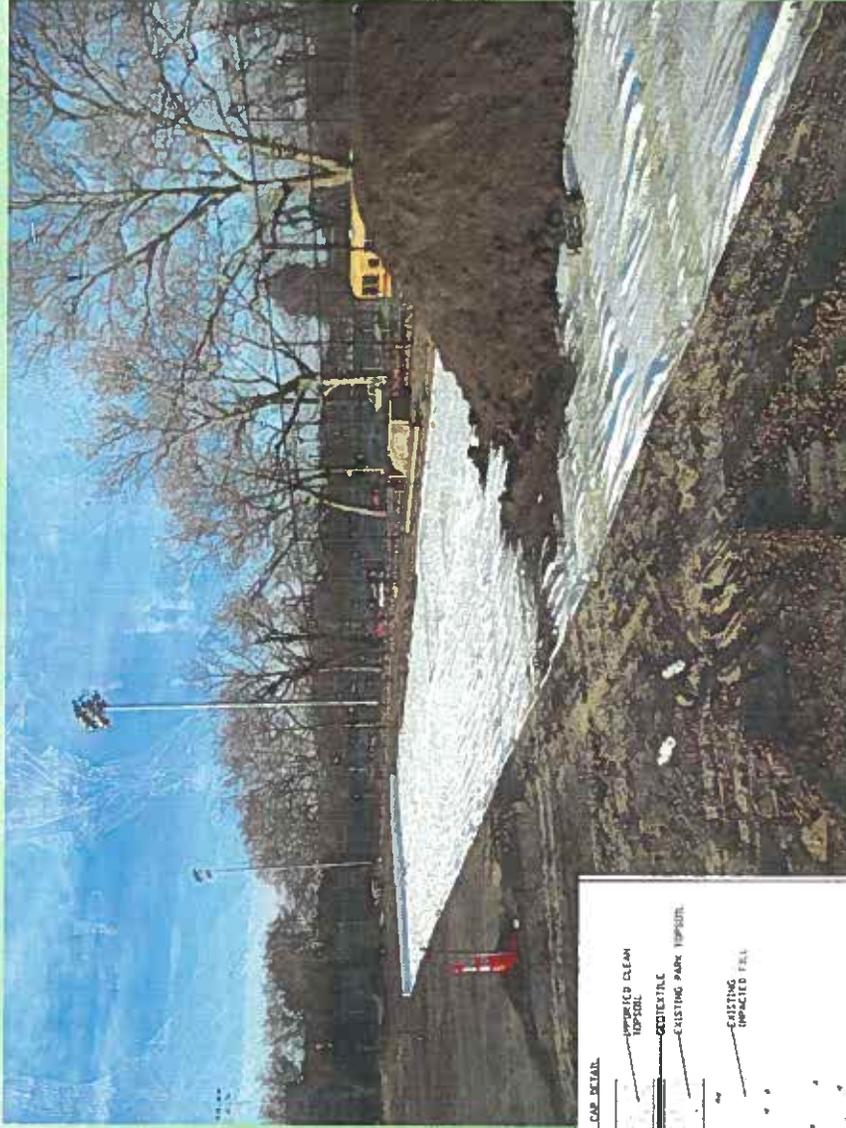
Current Conditions



Harris Park Ballfields

Total Budget \$14,643,000

Current Conditions



HR





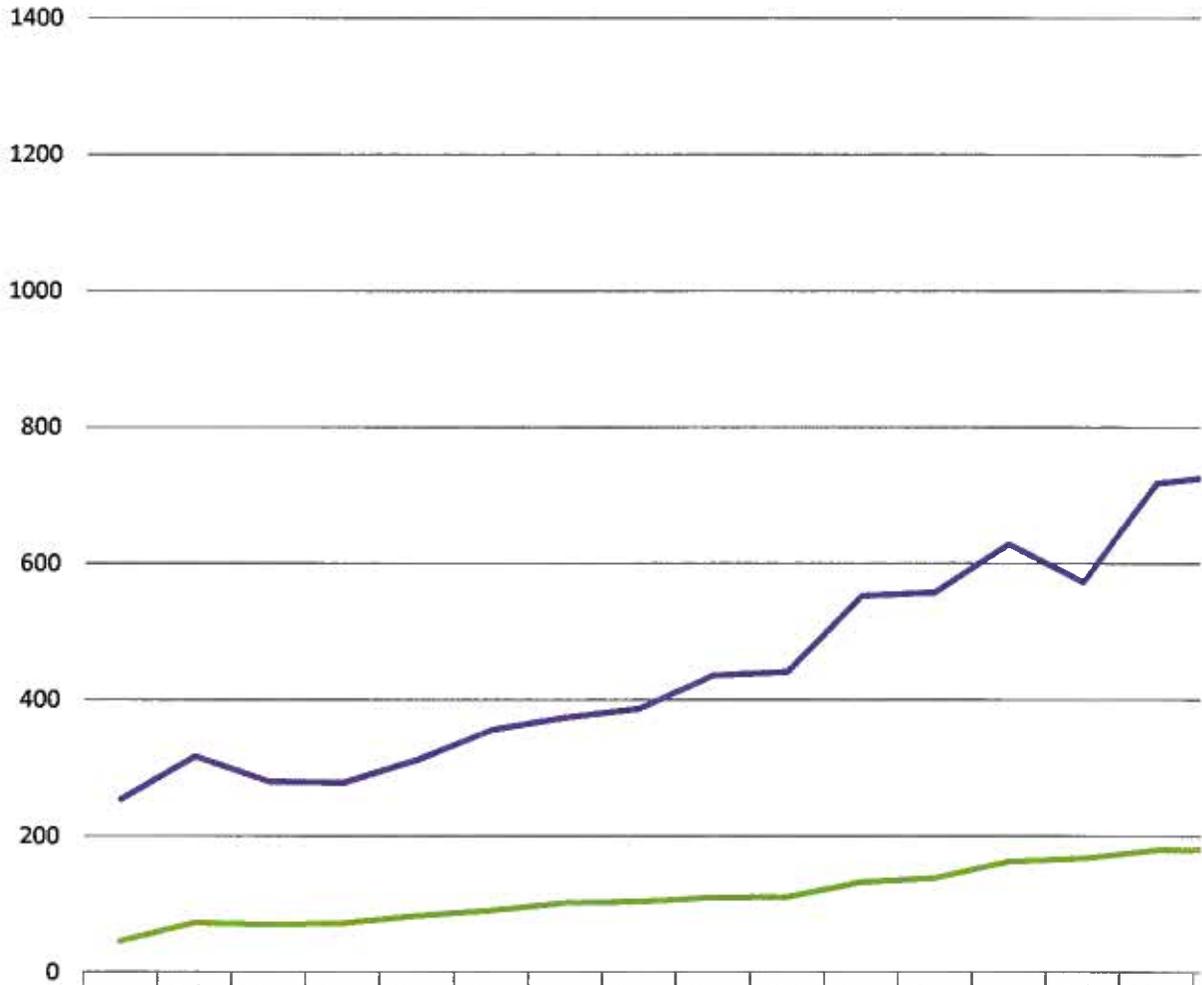
Croton Water Treatment Plant: Construction Costs as of December 31, 2010

Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	% Contract Increase
CRO-311	Schiavone Construction Co.	\$127,660,000	(\$14,445,214)	\$113,214,786	-11%
CRO-312G	Skanska/Tully, JV	\$1,327,700,000	\$68,478,827	\$1,396,178,827	5%
CRO-312E1	Schlesinger-Siemens, LLC	\$134,680,000	\$4,790,210	\$139,470,210	4%
CRO-312E2	Schlesinger-Siemens, LLC	\$37,678,000	\$6,537,799	\$44,215,799	17%
CRO-312H	Durr Mechanical Construction	\$105,700,000	\$12,176,674	\$117,876,674	12%
CRO-312P	Picone/WDF, JV	\$58,475,000	\$9,685,107	\$68,160,107	17%
CRO-312OS-G	Picone-Schiavone, JV	\$96,842,500	\$15,333,915	\$112,176,415	16%
CRO-312OS-E	Eldor Electric	\$15,762,500	\$884,006	\$16,646,506	6%
CRO-312OS-H	AWL Industries	\$822,000	\$3,401	\$825,401	0%
CRO-312OS-P	JPP Plumbing	\$872,000	\$155,165	\$1,027,165	18%
CRO-312FM (1)	Maspeth Supply Co. LLC	\$18,626,745	\$12,406,597	\$31,033,342	67%
CRO-313	Schiavone/Picone, JV	\$212,227,000	\$1,998,084	\$214,225,084	1%
CRO-315G	Angelakis Construction Corp.	\$3,641,000	\$14,894	\$3,655,894	0%
CRO-315E	Interphase Electric	\$807,317	\$145,800	\$953,117	18%
TOTAL		\$2,141,494,062	\$118,165,265	\$2,259,659,327	6%

(1) Costs shown for CRO-312FM are based on the original 7-mile Force Main route.

CROTON WATER TREATMENT PLANT AND C

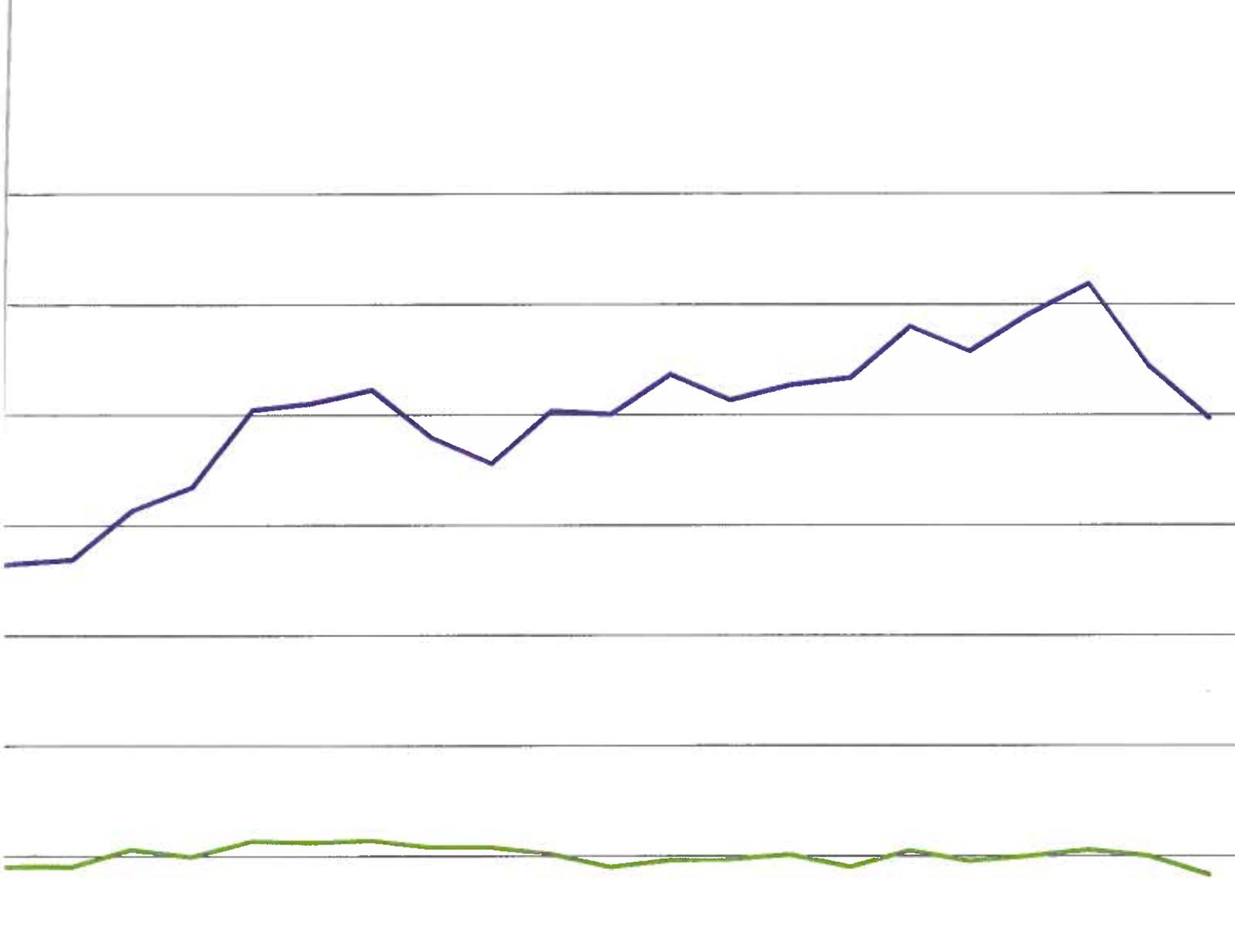
Average # of
Workers Per
Day



	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	Mar-09
Bronx Workers %	18%	23%	25%	26%	27%	26%	27%	27%	25%	25%	24%	25%	26%	29%	25%
Workers Bronx Workers	46	73	70	72	83	91	102	104	110	111	133	139	163	168	180
Workers Total Workers	254	317	280	278	312	356	374	387	436	441	553	558	629	573	718

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

OFFSITE FACILITIES AT JEROME PARK RESERVOIR



pr-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	Oct-10	Nov-10	Dec-10
5%	25%	26%	23%	22%	22%	22%	23%	24%	20%	18%	18%	19%	19%	17%	18%	17%	17%	17%	18%	17%
81	181	212	199	227	224	228	216	216	204	181	193	195	203	181	210	191	200	211	200	166
30	738	827	869	1009	1021	1045	959	912	1007	1001	1073	1027	1054	1067	1160	1115	1182	1237	1088	994