BALLFIELDS 5-8
RED HOOK PARK

Bordered by Lorraine, Hicks, Henry, and Bay Streets
In the Borough of Brooklyn

Public Design Commission- Concept Review Submission
May 6, 2016
TRC Engineers, Inc. and Abel Bainnson Butz, LLP
Parks Capital Design
GOALS

• Meet the requirements of the Consent Order between NYC DPR and USEPA

• Provide sports fields and facilities that meet the community needs

• Permanent and low maintenance design

• Use sustainable remedial and stormwater practices and increase resiliency

TOTAL BUDGET: $10.98M (Mayoral Funding)

Council District 38, CM Carlos Menchaca

PROJECT SIZE: 4.7 Acres
BALLFIELDS 5-8 RED HOOK PARK | Project Location
LAND USE CATEGORIES

- 1 AND 2 FAMILY RESIDENTIAL
- MULTI-FAMILY RESIDENTIAL
- MIXED USE
- OPEN SPACE AND OUTDOOR RECREATION
- COMMERCIAL
- INSTITUTIONAL
- INDUSTRIAL
- PARKING
- TRANSPORTATION / UTILITIES
- VACANT LOTS

BALLFIELDS 5-8 RED HOOK PARK | Surrounding Land Use

1"=400'

Abel Bainnson Butz, LLP
LANDSCAPE ARCHITECTS I SITE PLANNERS

SheeT 4 / 32
FLOOD HAZARD ZONES

- **ZONE A** - 1% annual-chance flood event. No Base Flood Elevation (BFE) exists.
- **ZONE AE** - 1% annual-chance flood event. BFE exists.
- **ZONE AO** - 1% annual-chance shallow flooding.
- **VE** - Areas along coasts subject to inundation by the 1% annual-chance flood event with additional hazards associated with storm-induced velocity wave action. BFE exists.
- **FLOODWAY** - watercourse reserved to discharge base flood.
- **ZONE X** - Moderate risk areas within the 0.2% annual-chance floodplain.

LIMIT OF MODERATE WAVE ACTION

Base Flood Elevation (BFE) = 11.00
LEGEND (SYMBOLS NOT TO SCALE):
- TREE TO PROTECT
- EMPTY OR TREE TO BE REMOVED
- PAVED
- EXPOSED SOIL
- TREE CANOPY
- TREE SURVEY IDENTIFIER
1 PANORAMIC VIEW, FACING NORTH

Natural turf outfields, clay infields, perimeter trees
4 BLEACHER OUTSIDE PERIMETER FENCE, BAY ST.

5 DUGOUT WITH SPORTS BENCH AND DRINKING FOUNTAIN

PHOTO KEY PLAN
6  PARK SIDEWALK, BAY ST. (left)

7  PARK SIDEWALK, BAY ST. (above)
8 PARK SIDEWALK, LORRAINE ST. (left)

9 PARK SIDEWALK, LORRAINE ST. (right)
10 PARK SIDEWALK, HICKS ST. (left)

11 PARK SIDEWALK, HENRY ST. (right)
LEGEND

- CANOPY
- STRUCTURAL ROOT ZONE
- CRITICAL ROOT ZONE
- CONDITION-BASED TREE REMOVAL
- DESIGN-BASED TREE REMOVAL

BALLFIELDS 5-8 RED HOOK PARK | Tree Inventory
BALLFIELDS 5-8 RED HOOK PARK | Schematic Design - Enlargement at Bay and Hicks Street
Ballfields 5-8 Red Hook Park | Schematic Design - Enlargement at Henry and Lorraine Street

Legend:
- Security Lighting
- ADA Accessible Drinking Fountain with Bottle Filler
- Misting Station
- Metal Trash and Recycling Receptacles
- Removable Little League Pitchers Mound
- Bicycle Rack
- Permeable Pavers at 5'x10' Tree Pit with Bonded Aggregate at Tree Trunk
- Existing Tree
- Proposed Tree
- Bioswale

Field #8
- Synthetic Turf, TYP.
- 3 Tier ADA Bleachers, TYP.
- Site Access
- Conc. Stairs w/ Handrail
- Proposed Tree, TYP.
- Site Access
- Conc. Ramp w/ Handrail
- Permeable Pavers at 5'x10' Tree Pit with Bonded Aggregate at Tree Trunk, TYP.
- Conc. Ramp w/ Handrail
- Baseball Backstop
- ADA Accessible Dugout
- Removable Little League Pitchers Mound
- Elevation +/- 8.45'
- Henry St.
- Lorraine St.
- Key Plan
BALLFIELDS 5-8 RED HOOK PARK | Site Section A-A’ Lorraine Street
SCHEMATIC DESIGN: PROPOSED REMEDIAL PLAN
SCALE: 1"=20'-0"

NOTE: REFER TO DETAIL AND DESIGN SHEETS FOR MORE DETAIL REGARDING NEW IMPROVEMENTS.
1. REMOVE SOIL BY HAND AND VACUUM IN PLANTING STRIPS (0-6”).

2. PLACE DEMARCATION LAYER AND PLACE CLEAN TOPSOIL.

3. PLACE MULCH AND VEGETATED GROUND COVER.

4. INSTALL 4’ FENCE WITH PICKETS.
SheeT 26 / 32

**BALLFIELDS 5-8 RED HOOK PARK** | Proposed Remedial Design Details - Planting Strips

**Existing Trees**

- **ROOTS**
- **EXISTING TREE**
- **UNDISTURBED SOIL**
- **CURB WALL**
- **ELEV. VARIES 9± (TYP.)**
- **GROUND COVER**
- **MULCH**
- **CLEAN TOPSOIL**
- **STEEL FENCE WITH PICKETS**
- **DOT SIDEWALK**
- **DEMARCATION LAYER**

**NOTE:**
- SCALE: 1" = 10'
- **Variations:**
  - ROOTS
  - ELEVATION

**City of New York**

- **Parks & Recreation**
- **Bill de Blasio, Mayor**
- **Mitchell J. Silver, Commissioner**

**Schematic Design: Remedial Details - Planting Strips**

**SCALE IN FEET**

- **BioSwale**

**NTS**
1. REMOVE A MAXIMUM OF 6-INCHES OF SOIL BY HAND / VACUUM IN 5' X 10' TREE PITS.

2. REMOVE, REGRADE, AND REPLACE EXISTING SIDEWALK TO MEET 6-INCH HIGH NEW CURB. INSTALL DEMARCATION LAYER.

3. INSTALL PERMEABLE PAVERS.

4. TROWEL 2-INCH OF RESIN BONDED AGGREGATE.
RAISE STREET CURB TO FULL 6" HEIGHT AND REGRADE SIDEWALK SO THAT PERMEABLE PAVERS MAY BE INSTALLED ABOVE EXISTING TREE ROOTS AND MEET FLUSH WITH THE NEW CONCRETE PAVEMENT.
SYNTHETIC TURF  
COLOR: GREEN W/ PAINTED WHITE LINES

LITTLE LEAGUE PITCHERS MOUND  
COLOR: ORANGE

CHAIN LINK FENCE, 6'-0", 8'-0", 12'-0" HT.  
COLOR: BLACK

DPR STANDARD BACKLESS BENCH  
TYPE C- BLACK FRAME,  
RPL COLOR: WEATHERED WOOD

ACCESSIBLE STEEL BLEACHERS-  
3 TIERS, SEATS POWDERCOATED, WHITE

RIBBON BIKE RACK, GALVANIZED STEEL
The SOLECOL/SOLEPAVE Porous Resin-Bound Stone Surfacing System is a rigid, permeable pavement suitable for pedestrian pathways, walkways, patios, plazas and residential vehicular driveways. Consult SOLECOL for assistance.

SOLECOL/SOLEPAVE - Installation Instructions