TOWN OF ORCHARD PARK
BRUSH MOUNTAIN
MULTI-GENERATIONAL COMMUNITY CENTER

WENDEL
April 13, 2016
team
Introduction

Town Board
Design Review Committee
Design Review Committee

Gerald Summe
Daniel Marinaro, AIA, NCARB
Leanne Voit, AICP, LEED AP

ARCHITEKTON
John Kane, FAIA, LEED AP
process
History

• 2009
  Design Report – Master Plan for Improvements at Brush Mountain Park

• 2011
  Community Center
  Senior Center
  Field House
  Indoor Aquatic Center
  Outdoor Pool

• 2015-2016
  Total square feet: 93,027 sf
History

• 2009  Interim plan by Town Engineering Department

• 2011  Community Center
         Senior Center

• 2015-2016  Field House
              Indoor Aquatic Canter

Total square feet: 84,845 sf
History

• 2009
• 2011
• 2015-2016

Schematic Design & Report – Brush Mountain Multi-Generational Community Center

Community Center
Senior Center
Field House
Indoor Aquatic Canter
Splash Pad
Gymnasiums

Total square feet: 142,759 sf

NYCDEC Wetland
Site

process
Program Reconciliation

- **Workshop 1 – May 7, 2015**
  - This meeting represented a high-level discussion of the various “wants”
  - Town of Orchard Park, Recreation Stakeholders, Senior Stakeholders, residents
  - Recreation Building needs (Community Center)
    - Boys & Girls Club involvement
  - Indoor/Outdoor pool
  - Field House
  - Master Plan
  - Little League

- **Workshop 2 – May 8, 2015**
  - Town of Orchard Park, Recreation Stakeholders, Senior Stakeholders, residents, Section VI, Police
  - Community policing
  - Senior needs
    - Collected programming tables from seniors

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<thead>
<tr>
<th>Table</th>
<th>Data</th>
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<table>
<thead>
<tr>
<th>Program Reconciliation</th>
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<table>
<thead>
<tr>
<th>PROGRAM SPACE</th>
<th>AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry/Reception Area</td>
<td>5,382 sqft</td>
</tr>
<tr>
<td>Shared Office Space</td>
<td></td>
</tr>
<tr>
<td>All Offices/copy room/conf room</td>
<td>3,686 sqft</td>
</tr>
<tr>
<td>Nutrition Coordinator</td>
<td>204 sqft</td>
</tr>
<tr>
<td>Shared Break Room</td>
<td>676 sqft</td>
</tr>
<tr>
<td>Community Based Policing Office</td>
<td>126 sqft</td>
</tr>
<tr>
<td>Rural Transit Office</td>
<td>157 sqft</td>
</tr>
<tr>
<td>Administration Sub Total</td>
<td>4,849 sqft</td>
</tr>
<tr>
<td>Senior Billiards Room</td>
<td>768 sqft</td>
</tr>
<tr>
<td>Multi-Purpose classrooms (1,160 sqft x 2 ea)</td>
<td>2,320 sqft</td>
</tr>
<tr>
<td>Divisible Multi-purpose Room (not incl. storage)</td>
<td>5,183 sqft</td>
</tr>
<tr>
<td>Art &amp; Crafts Room</td>
<td>777 sqft</td>
</tr>
<tr>
<td>Poolside Multi-Purpose Room (not incl storage)</td>
<td>1,049 sqft</td>
</tr>
<tr>
<td>Library</td>
<td>416 sqft</td>
</tr>
<tr>
<td>Catering Kitchen</td>
<td>1,293 sqft</td>
</tr>
<tr>
<td>Wellness/Medical Screening room (178x2)</td>
<td>356 sqft</td>
</tr>
<tr>
<td>Multi-Purpose Dance Studio (not incl. storage)</td>
<td>3,232 sqft</td>
</tr>
<tr>
<td>Shared Fitness Area</td>
<td>8,509 sqft</td>
</tr>
<tr>
<td>Game Room</td>
<td>1,130 sqft</td>
</tr>
<tr>
<td>Child Watch (interior space)</td>
<td>1,163 sqft</td>
</tr>
<tr>
<td>Locker Rooms</td>
<td>3,114 sqft</td>
</tr>
<tr>
<td>Community &amp; Facility Storage Rooms</td>
<td>4,164 sqft</td>
</tr>
<tr>
<td>Vending Machine Area</td>
<td>205 sqft</td>
</tr>
<tr>
<td>Public Restrooms (includes Auxiliary HCl Toilets)</td>
<td>516 sqft</td>
</tr>
<tr>
<td>Subtotal other spaces</td>
<td>34,195 sqft</td>
</tr>
<tr>
<td>Grossing factor (35%) - circulation, mechanical rooms, etc.</td>
<td>12,035 sqft</td>
</tr>
<tr>
<td>Subtotal (incl. Reception)</td>
<td>56,461 sqft</td>
</tr>
<tr>
<td>2 court Gymnasium (Boys &amp; Girls Club)</td>
<td>12,871 sqft</td>
</tr>
<tr>
<td>Indoor pool with deck and pool office</td>
<td>18,105 sqft</td>
</tr>
<tr>
<td>Exterior Splash Pad</td>
<td></td>
</tr>
<tr>
<td>Field House</td>
<td>30,044 sqft</td>
</tr>
<tr>
<td>Wellness Track, Floor System, Turf Area</td>
<td></td>
</tr>
<tr>
<td>Swing up Basketball Backstops</td>
<td>ea</td>
</tr>
<tr>
<td>Scoreboard</td>
<td>ea</td>
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<tr>
<td>Subtotal</td>
<td>61,020 sqft</td>
</tr>
<tr>
<td>TOTAL</td>
<td>117,481 sqft</td>
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Program Testing

Brush Mountain
Activity Room Sample Schedule
Wendel + Architekton

<table>
<thead>
<tr>
<th>Day</th>
<th>AM</th>
<th>PM</th>
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<tbody>
<tr>
<td>Monday</td>
<td>C.E.</td>
<td>M.A. cards</td>
</tr>
<tr>
<td>Tuesday</td>
<td>LD1, LD2</td>
<td>L cards</td>
</tr>
<tr>
<td>Wednesday</td>
<td>E.TD1, TD2</td>
<td>E.PC cards</td>
</tr>
<tr>
<td>Thursday</td>
<td>D.W.</td>
<td>cards</td>
</tr>
<tr>
<td>Friday</td>
<td>E.TE</td>
<td>cards</td>
</tr>
<tr>
<td>Saturday</td>
<td></td>
<td>cards, Wii B, L, M, F</td>
</tr>
<tr>
<td>Sunday</td>
<td></td>
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</tr>
</tbody>
</table>

Key:
- Cards: 5
- Ladie's Exercise: 3
- Men's Fitness: 3
- Chair Exercise: 3
- Yoga: 2
- 9 Club 99 Exercise: 2
- Mah Jong: 1
- Diabetes Wellness: 1
- LD2 Intermediate Line Dance: 1

Program:
- LD1 Beginner Line Dance
- TD2 Intermediate Tap
- L Language
- M.A. Mind Aerobics
- T.C. Tai Chi
- TD1 Beginner Tap
- Wii Blood Pressure Check
- Wii Wii Bowling
- Zumba

Wendel + Architekton DRAFT 07/07/2015
Program Testing

Multi-Purpose Large

Flexible and divisible into 3 separate rooms with acoustic operable walls. Adjustable lighting, flexible furniture, audio-visual, adjacent to kitchen and exterior patio(s). Large storage room(s) adjacent.

Rentable for community events, movies, dances, weddings, and senior dining.

Banquet
5,000 SF
350 People max.
15 SF/person

Classroom
5,000 SF
264 People max.
20 SF/person

Fitness
5,000 SF
104 People max.
49 SF/person

5,000 sf : divisible

Possible Programs:

- TGIF Summer
- Mini Camp
- Afternoon Escapades
- Preschool Play Camp
- Adventure Camp
- Adventure Camp Plus
- Day Camp
- Dance
- Paint Pasted Play
- **K**NG
- **G**olf
- Fencing
- Performing Arts
- Preschool Play
- Young Artists
- Act Explorers
- Culinary Creations

Wendel + Architekton DRAFT 07/07/2015
Multi-Purpose Medium

Flexible and divisible into 3 separate rooms with acoustic operable walls. Carpet tile flooring, adjustable lighting, flexible furniture, audio-visual, adjacent to kitchen and exterior patio(s). Large storage room(s) adjacent.

Rental for community events, movies, dances, weddings, and senior dining.

**Banquet**
- 2,500 Sf.
- 170 People max.
- 15 Sf/person

**Classroom**
- 2,500 Sf.
- 108 People max.
- 23 Sf/person

5,000 sf : divisible
- 2,500 Sf
- 1,250 Sf

Possible Progams:
- TGIF Summer
- TGIF Summer
- Afternoon Escapades
- Performing Arts
- Preschool Play Camp
- Preschool Play
- Adventure Camp
- Young Artists
- Dry Camp
- Art Explorers
- Dance
- Culinary Creations
- Paint Paste Play

**Fitness**
- 2,500 Sf.
- 50 People max.
- 50 Sf/person

Wendel + Architekton DRAFT 07/07/2015
**Program Testing**

**Multi-Purpose Small**

Flexible and divisible into 3 separate rooms with acoustic operable walls. Carpet tile flooring, adjustable lighting, flexible furniture, audio-visual, adjacent to kitchen and exterior patio(s). Large storage room(s) adjacent.

Rentable for community events, movies, dances, weddings, and senior dining.

**Banquet**
- 1,250 sf.
- 90 People max.
- 15 sf/person

**Classroom**
- 1,250 sf.
- 45 People max.
- 28 sf/person

**Fitness**
- 1,250 sf.
- 25 People max.
- 50 sf/person

**Possible Program:**
- *TGIF Summer*
- *Mini Camp*
- *Afternoon Escapades*
- *Pre-school Play Camp*
- *Adventure Camp*
- *Adventure Camp Plus*
- *Day Camp*
- *Dance*
- *Paint, Paste, Play*
- *PRIMO*
- *TGIF*
- *Fencing*
- *Performing Arts*
- *Pre-school Play*
- *Young Artists*
- *Art Explorers*
- *Culinary Creations*
Program Testing - Architecture

- Spatial Proximity
- Connections
- Xxxxxxxxxxxxxxxxx
- Xxxxxxxxxxxxxxxxx
- Xxxxxxxxxxxxxxxxx
Field House + Recreation Program

- Additional outreach to the user groups for Field House and Recreation
- Meeting with user groups to reconcile program
Site Testing - Field House

- Field house size 132’x365’=48,180 sf
- Total Building size = 100,000 sf
- Combined gym/fieldhouse for basketball and other small activities
- No track
Site Testing - Field House

- Field house size 210’x310’=65,100 sf
- Total Building size = 145,570 sf
- Separate gym & fieldhouse
- Walking track
Site Testing - Field House

- Field house size 243’x389’=94,527 sf
- Total Building size = 195,300 sf
- Separate gym & field house
- Based on Houghton College field house for Section VI track & field, tennis, basketball, small activities
- Additional lockers and restrooms

OR

- Full size turf soccer field
Site Testing - Field House

- Final field house size 132’ x 365’ = 48,180 sf
- Total Building size = 142,760 sf
- 2 gymnasiums with multi-purpose floors & divider curtains
- Field house with turf practice field, divider curtains, multi-purpose surface walking track
Site Connections

site analysis
goals + key issues
Goals

- Provide the Orchard Park public with a state-of-the-art multi-generational community center addressing the community’s needs
- Acknowledge contextual features of the site
- Create a dynamic focal point & landmark to identify the park
- Create logical phasing of building and site.
Key Issues

- Collaboration
- Solar orientation
- Daylighting
- Views
- Sustainability
- Parking for new facility and existing site features
- Clearly delineate safe pedestrian routes
Daylighting

Goals + Key Issues

Protected Overhang View
Sustainability – Low Impact Site Strategies

- Preserve Natural Area Open Space (NAOS)
  - Salvage Native Landscape
  - Remediate Invasive Plants

- Reduce Urban Heat Island and Water Usage
  - Reflective Materials
  - Low maintenance Indigenous Landscape
  - Rain Barrels and Rainwater Harvesting

- Recycled and Local Materials
  - Inventory Site Materials for re-use
  - Design with local, natural, and/or recycled materials

- Preserve the Natural Hydrology
  - Reduce Impervious Surfaces
  - Vegetative Filter Strips
  - Porous Paving, Porous Concrete
  - Green Roofs

Goals + Key Issues
inspiration + solutions
Community Center

inspiration + solutions
Community Center

inspiration + solutions
Community Center

inspiration + solutions
Community Center

inspiration + solutions
Senior Center

inspiration + solutions
Senior Center
Senior Center
Core – Entry, Lobby, Security Desk, Offices
Core – Entry, Lobby, Security Desk, Offices
Core - Entry, Lobby, Security Desk, Offices
Core — Entry, Lobby, Security Desk, Offices
Core – Entry, Lobby, Security Desk, Offices
Core – Entry, Lobby, Security Desk, Offices

inspiration + solutions
Core - Circulation
Gymnasiums

inspiration + solutions
Gymnasiums

inspiration + solutions
Gymnasiums
Pool + Splash Pad
Pool + Splash Pad
Pool + Splash Pad

inspiration + solutions
Pool + Splash Pad
Pool + Splash Pad
Field House

inspiration + solutions
Field House
Field House

inspiration + solutions
Field House
recommendations
recommendations
recommendations
recommendations
recommendations
questions