



Department of Public Works Osterville Playground

**Osterville Civic Association
Playground Presentation**



August 14, 2024

Osterville Site Improvements

DPW, at the request of the Recreation Department and Town Manager, worked with the Recreation Department and the Osterville Civic Association to develop a master plan for the site.

Desired improvements included:

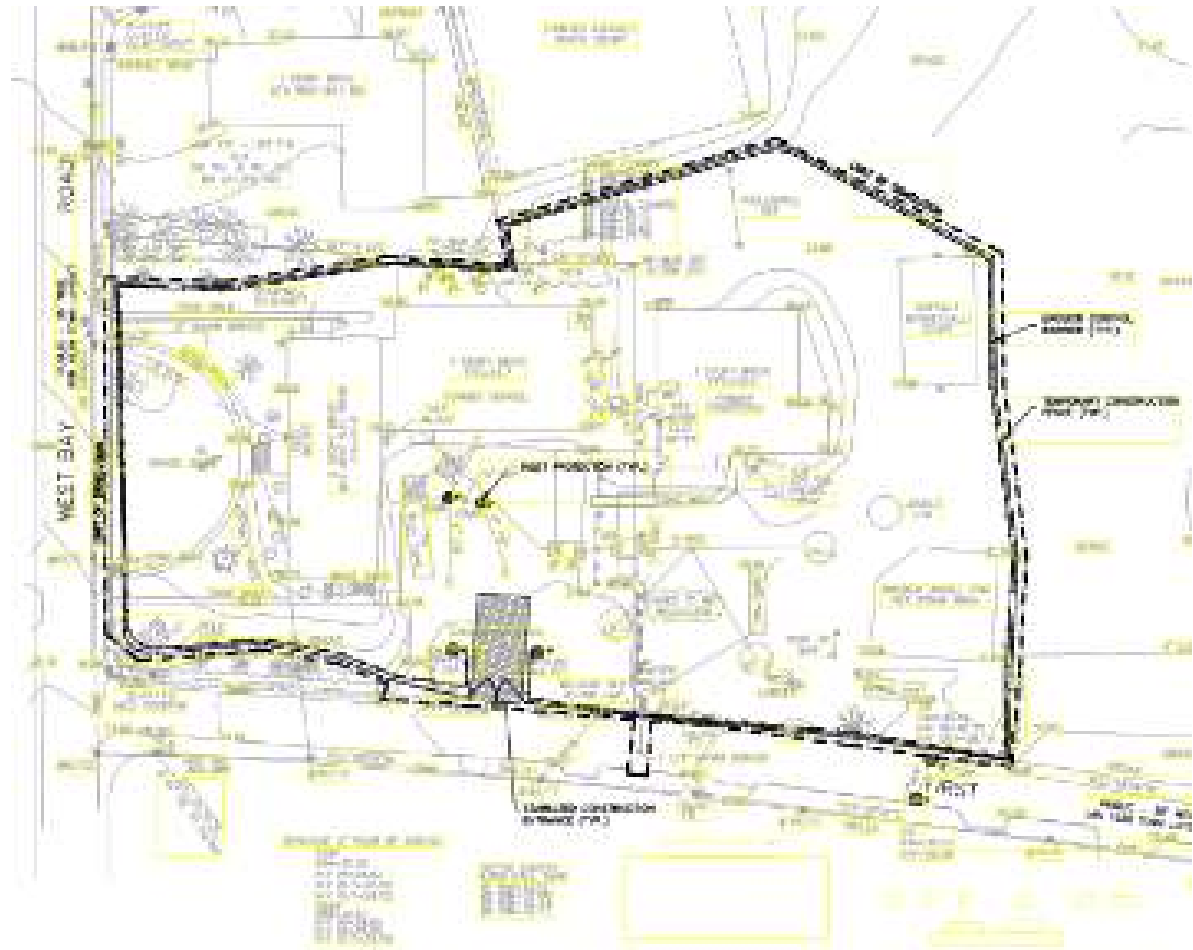
- Regulation Softball Field
- Multi-Purpose Field
- Tennis Courts
- Playground
- Basketball Court
- Walking Path
- Recreation / Community Building
- Bandstand
- Public Bathrooms
- Irrigation system
- Expanded Parking



Osterville Site Improvements

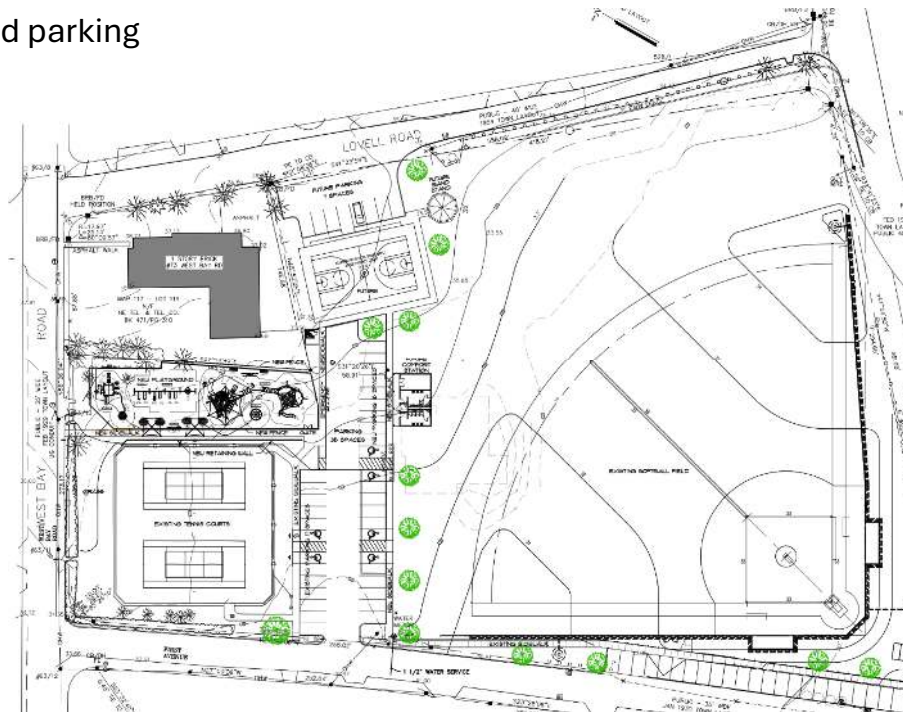
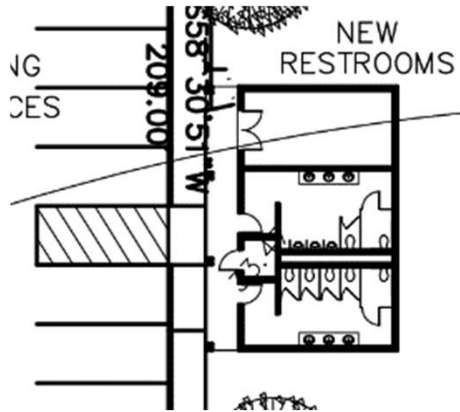
Osterville Recreation Site Timeline

- School building was vacated in June of 2008
- In 2012 The Department Of Public Works was asked to review the site conditions and propose improvements.
- In 2013 Funds were acquired to replace the failed asphalt tennis courts
- Feasibility study conducted 2014
- A detailed feasibility study was produced by Brown and Lindquist Architects that determined the school building should be demolished.
- The building was demolished in 2018 and the site made ready for new tennis courts.
- The old playground was deemed unsafe and removed
- New tennis courts were designed and installed
- Designs were developed for a new recreation building
- New ballfield was installed in 2021
- Old recreation building was demolished in 2024



Osterville Site Improvements

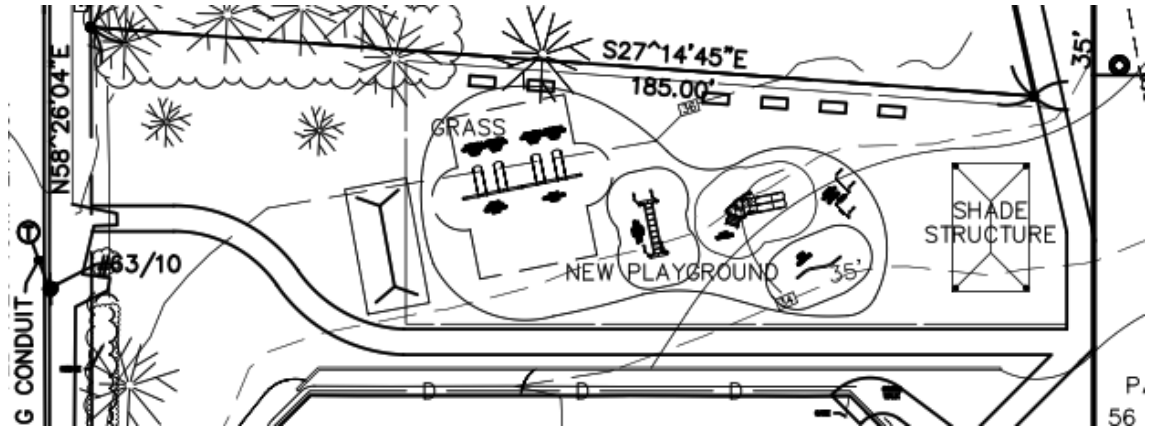
- Tennis courts installed
- Temporary playground installed
- Softball field installed
- Revised Master Plan
- Playground design with expanded parking



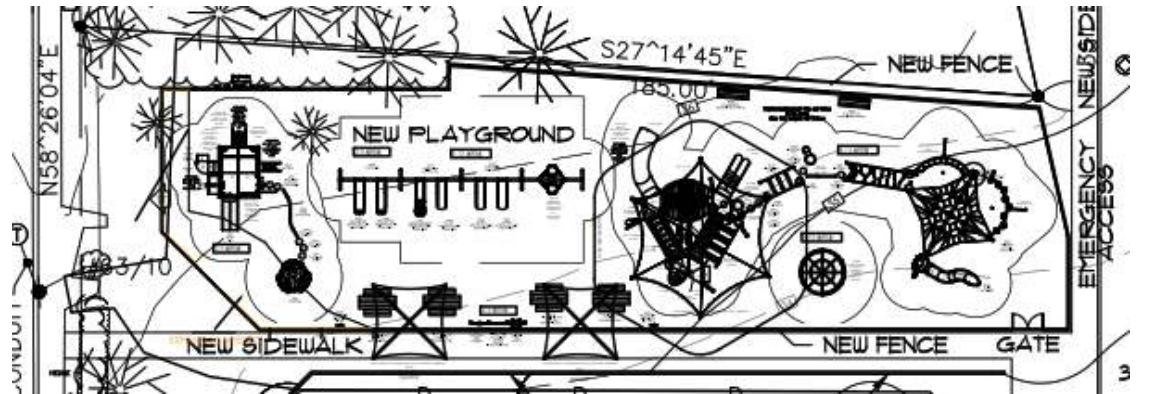
Osterville Playground Design

Playground Advisory Group Participants

| | |
|-------------------|--------------------------------|
| John Crow | Town Councilor |
| Diane Richardson | Osterville Village Association |
| Jen Williams | Osterville Historical Museum |
| Megan Cote | Local parent/OH & Garden |
| Fabia Mirick | Active parent in Osterville |
| Jill & Ron Murphy | Abutters |
| Jim O'Leary | Recreation Commission |
| Chris Gonnella | Director CSD |
| John Gleason | Recreation Director |
| Kyle Pedicini | Planning & Development |
| Jody Reale | Reale Associates Consultant |
| Richard Ventrone | Senior Architect, DPW |
| Mark Marinaccio | Town Architect, DPW |



Initial Concept



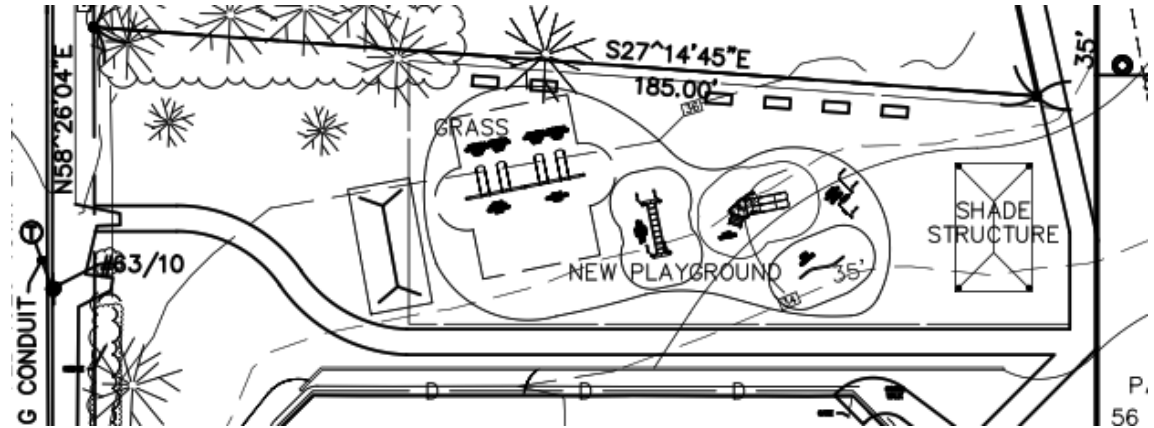
Scheme 4R

Osterville Playground Design

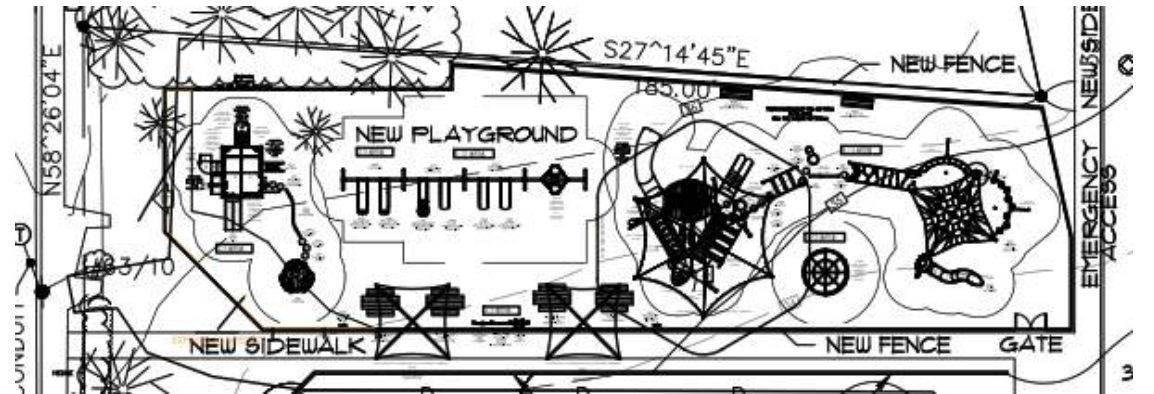
Playground Program Requirements

- Playground should inspire imagination.
 - Accessible equipment
 - 2–5-year-old play
 - 6–12-year-old play
 - Swings, including a companion swing
 - Slides
 - Jumping play
 - Climbing play
 - Quality music play
 - Poured-in-place surfacing
 - Fencing
 - Water

- Balance of seating and shade
- Consider sail type shading.
- Emergency entrance / exit
- Color of equipment should not be bland.
- Poured-in-place to be multi-color and include a pattern or a game.
- Incorporate a scavenger hunt into the theme.
- Expand parking
- Traditional fence along roadside to reflect neighborhood.
- Include planting outside of the fenced area.



Initial Concept



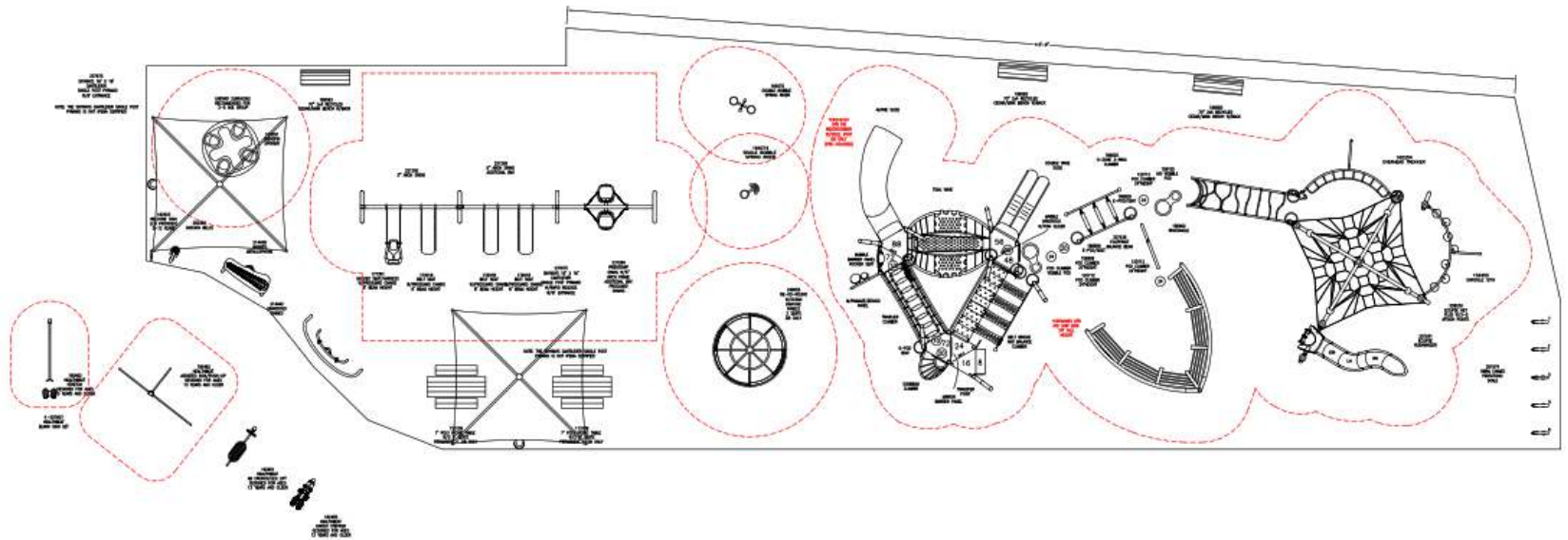
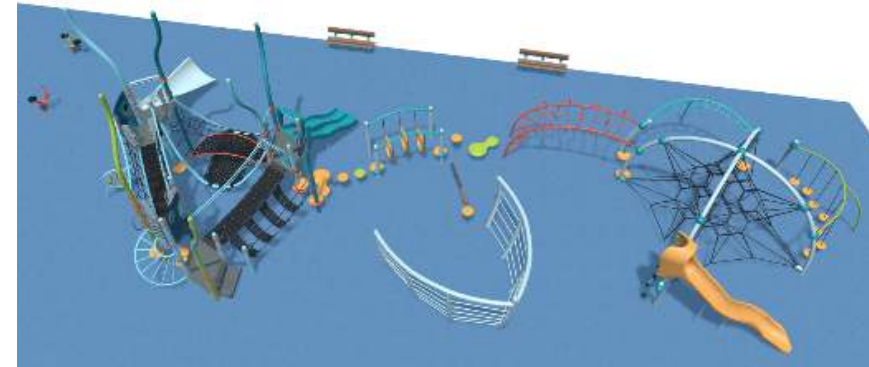
Scheme 4R

Osterville Playground Scheme 1

Reale Associate's Design
Landscape Structures Equipment

Playground Equipment

- Eclipse net with overhead tracker
- Foot bridge with balance beam
- Tidal wave play structure
- Ship bow climber
- Tandem swing
- Belt swings
- Molded seat swing
- We-go-round
- Omni spinner w/ shade
- Music play
- Adult exercise equipment
- Poured-in-place surfacing
- Benches
- Picnic table seating
- Shade structure

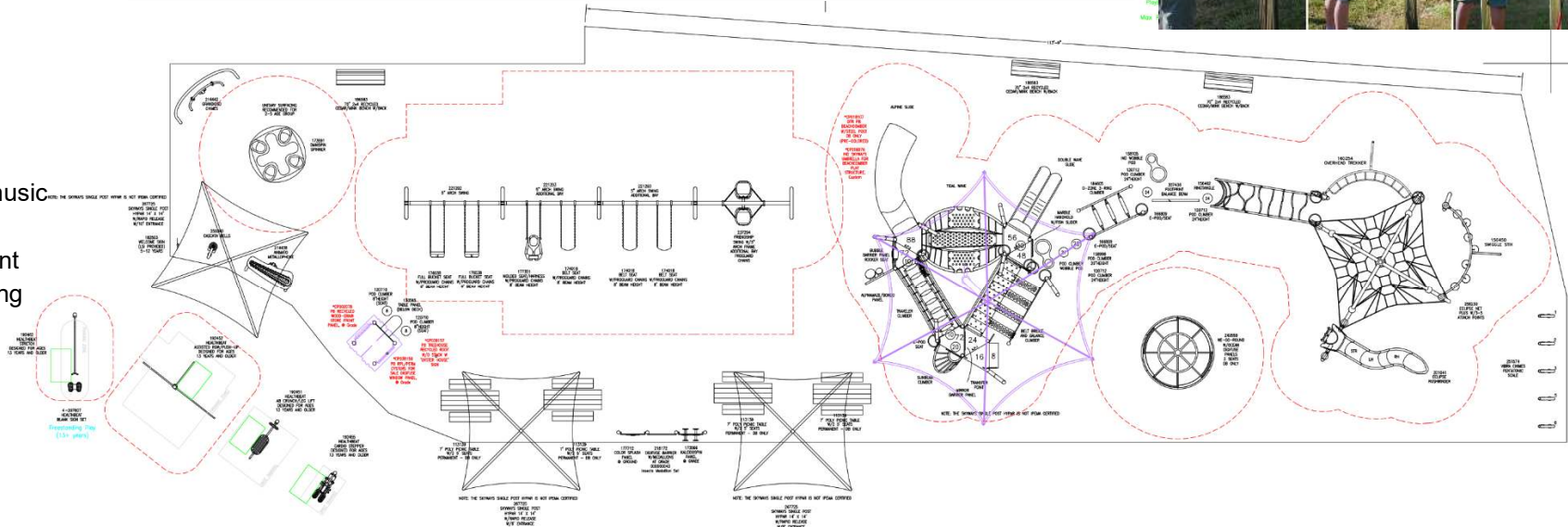


Osterville Playground Scheme 1B

Reale Associate's Design
 Landscape Structures Equipment
 Percussion Play Outdoor Music

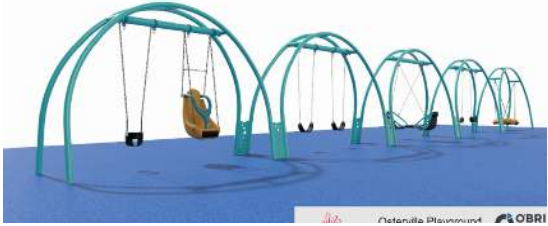
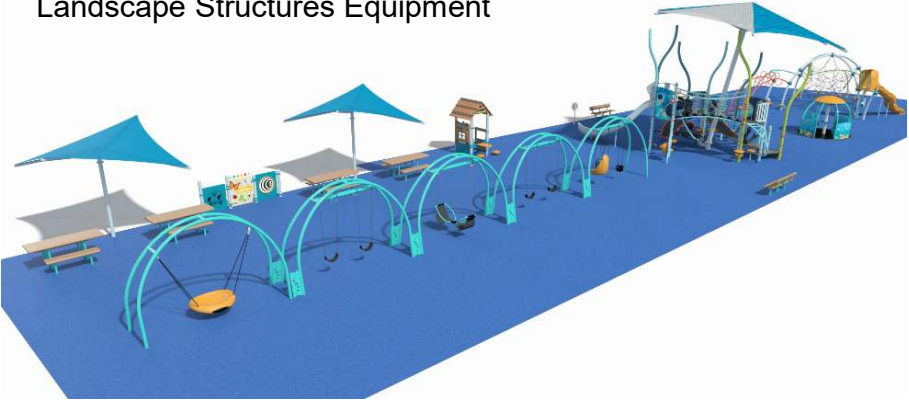
Playground Equipment
 Revised:

- New bucket seat swing
- New oyster house
- Add shade to play structure
- Removed ship bow
- Tidal wave play structure
- Tandem swing
- Belt swings
- Molded seat swing
- We-go-round
- Omni Spinner w/ shade
- Introduce high quality music play
- Adult exercise equipment
- Poured-in-place surfacing
- Benches
- Picnic table seating
- Shade structure



Osterville Playground Layout Study A

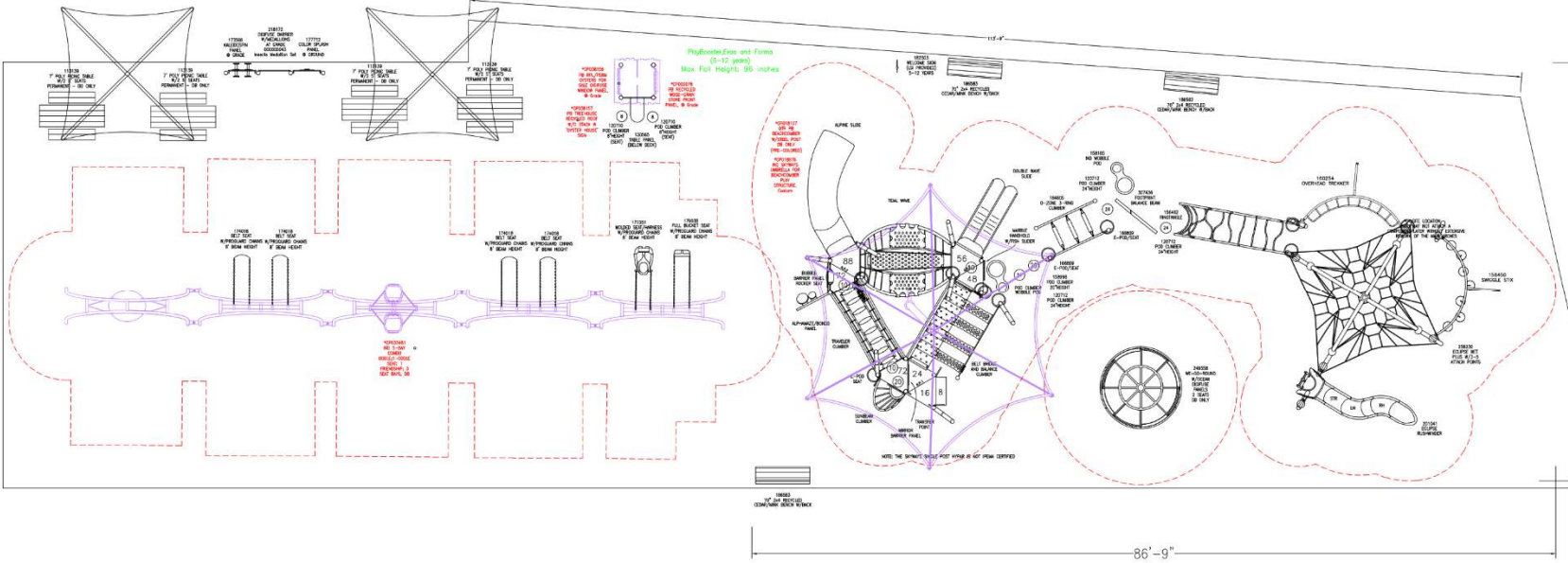
Reale Associate's Design
Landscape Structures Equipment



Playground Equipment

Objective:

- Expand swings to include tandem swing, bucket swing, belt swing, and molded seat swing, and oodle swing
- Remove omni spinner
- Small increase in square footage



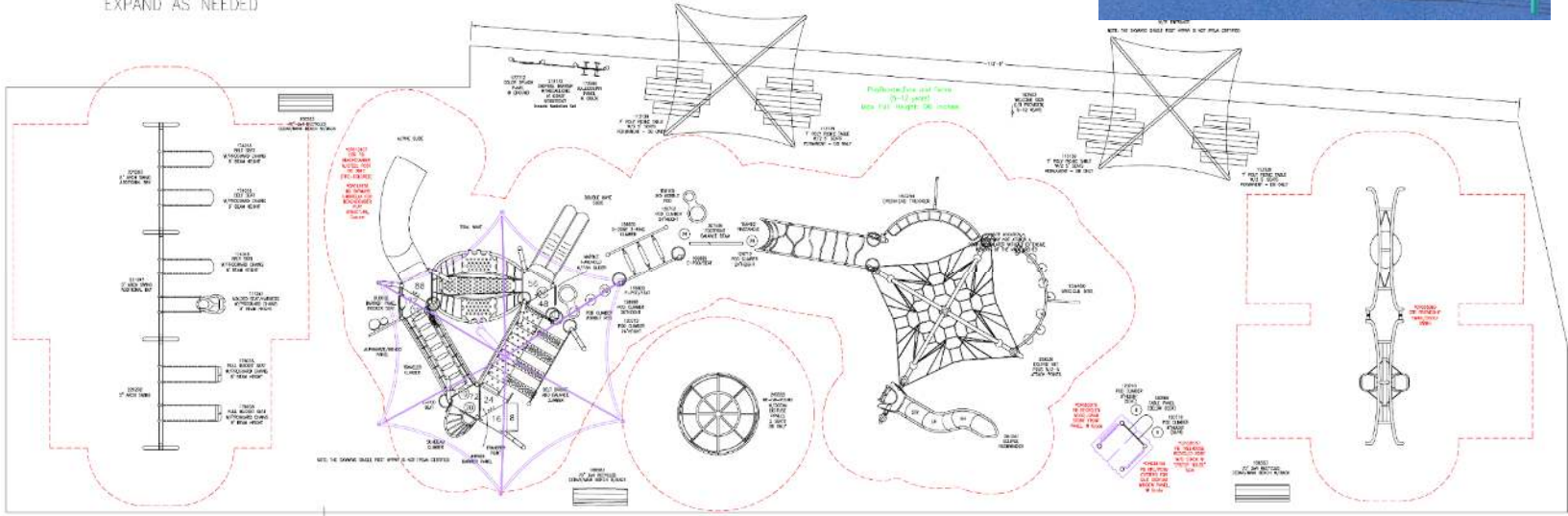
Osterville Playground Layout Study B

Reale Associate's Design
Landscape Structures Equipment

Playground Equipment

Objective:

- Relocate swings to side of play area
- Remove omni spinner
- Introduce oodle swing
- Increase playground area if needed



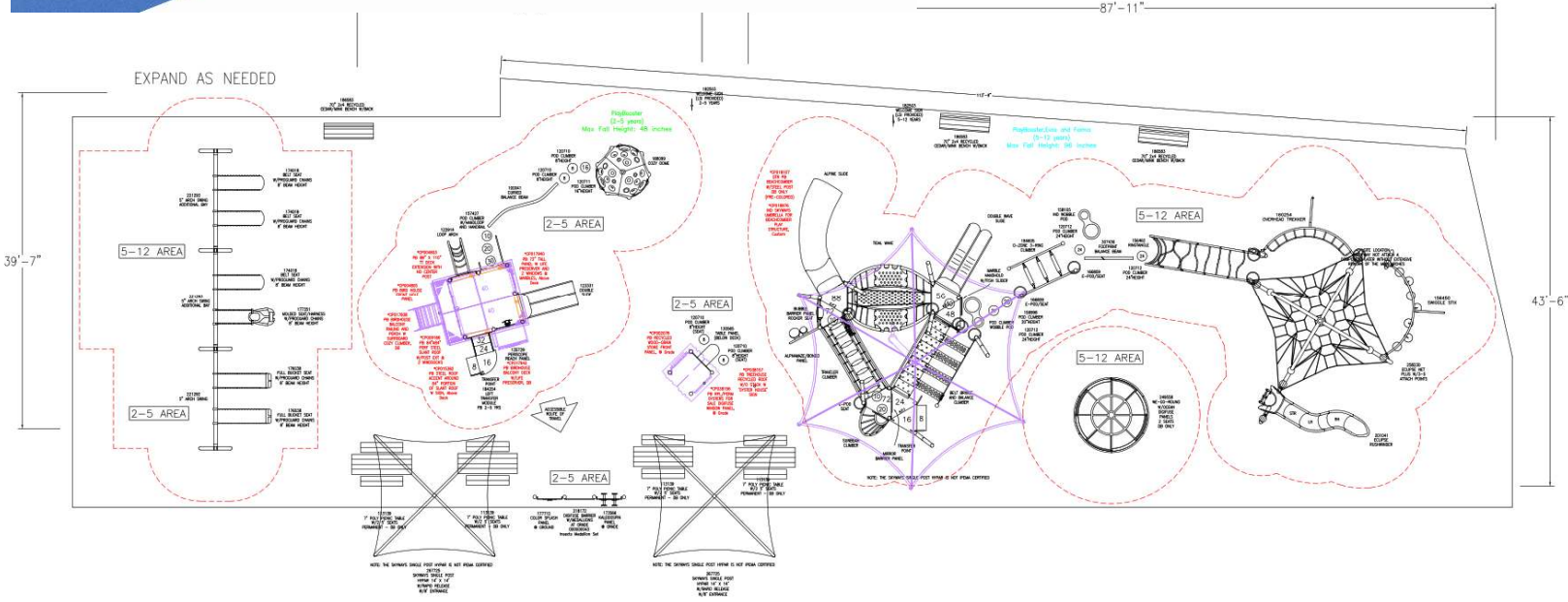
Osterville Playground Layout Study C

Reale Associate's Design
Landscape Structures Equipment

Playground Equipment

Objective:

- Relocate swings to side of play area
- Remove omni spinner
- Introduce more 2-5-year-old play
- Addition of birdhouse and cozy dome
- Increase playground area if needed

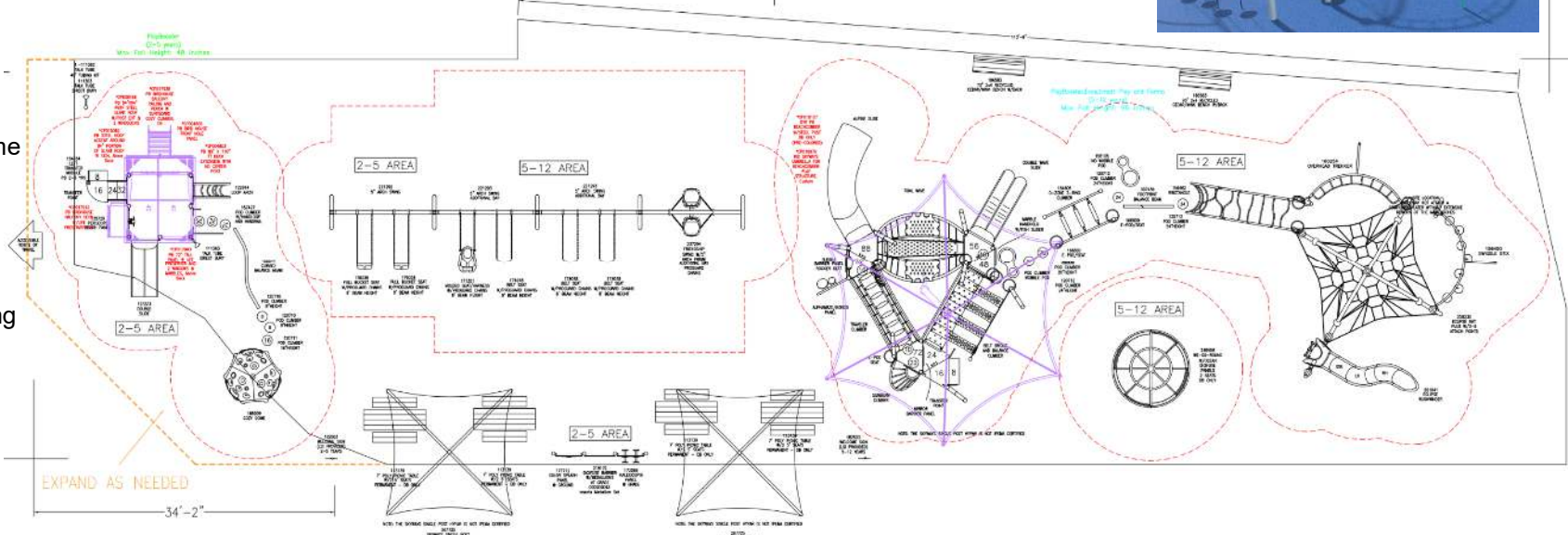
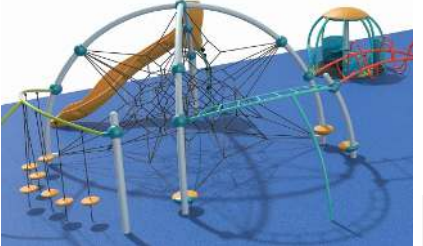


Osterville Playground Current Design

Reale Associate's Design
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Percussion Play Outdoor Music

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- We-go-round
- Tandem swing
- Belt swings
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- Bucket swings
- Birdhouse and cozy dome
- Insect, color splash, kaleidospin panels
- Percussion play Music
- Talk tube
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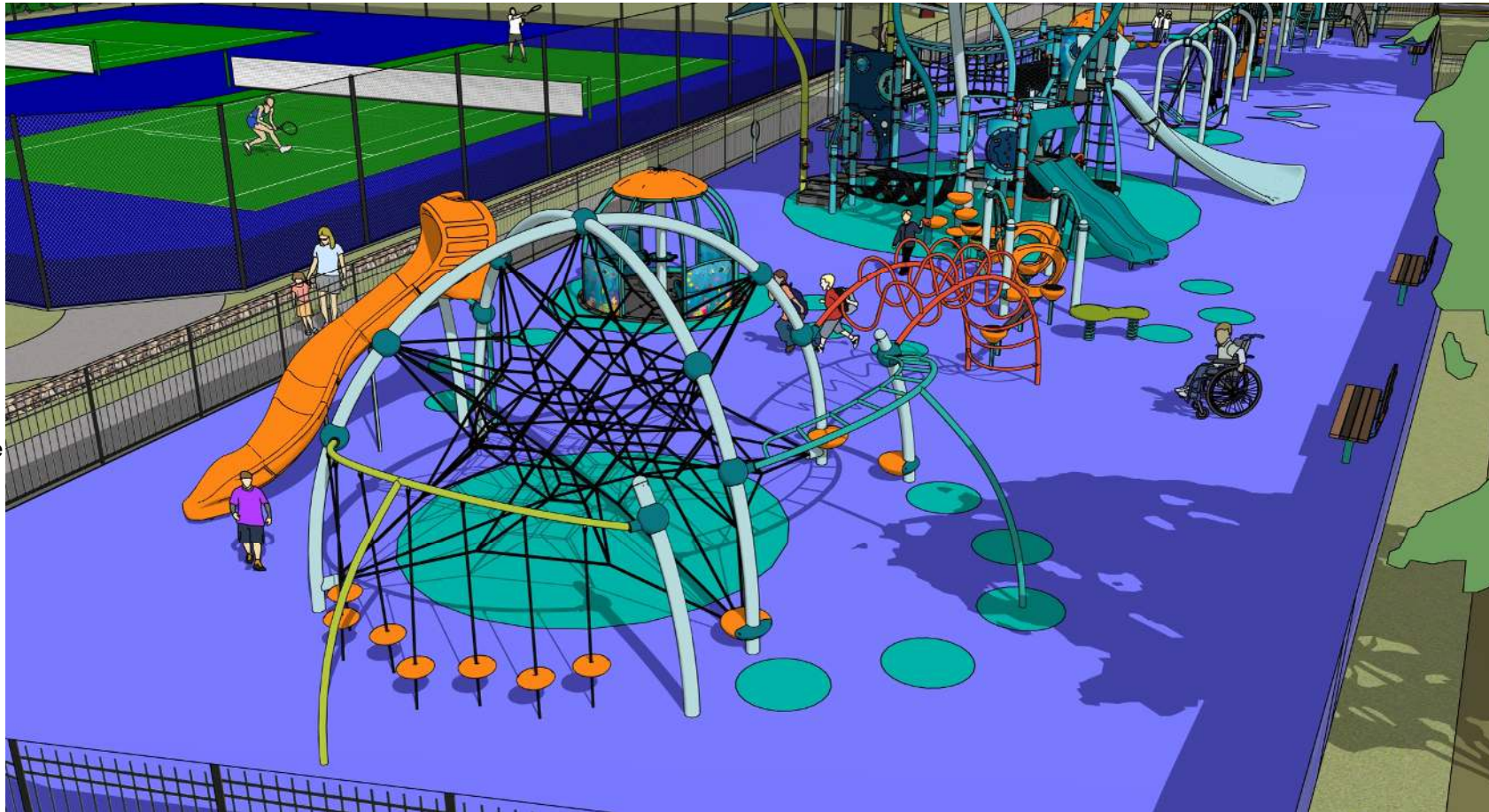
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Osterville Playground Budget

| <u>Funding</u> | <u>Area</u> | <u>Design</u> |
|----------------------------|---------------|------------------------|
| <u>Funding Source</u> | | <u>4R</u> |
| CIP Funding - FY23 - 23147 | \$ 363,207.00 | \$ 363,207 |
| CPC Funding FY23 - 23147 | \$ 999,755.00 | \$ 999,755 |
| Totals | | \$ 1,362,962.00 |

| <u>Expenses</u> | | |
|------------------------------------|---|---------------|
| <u>Hard Costs</u> | | |
| Playground Equipment | 1 | \$ 250,000.00 |
| 5-12 Play Structure | 1 | \$ 139,890.00 |
| We-Go-Round Spinner | 1 | \$ 38,725.00 |
| 2-5 Play Structure - Dome | 1 | \$ 109,425.00 |
| Swing Equipment - Revised Design 1 | 1 | \$ 10,585.00 |
| Shade Shelter | 2 | \$ 7,360.00 |
| Tables | 4 | \$ 2,860.00 |
| Benches | 3 | \$ 1,065.00 |
| Freight | | \$ 30,100 |
| MHEX B14 State Contract - Discount | | \$ (19,679) |
| Equipment Total | | \$ 338,401 |

| | | |
|-----------------------------------|-------|---------------|
| Musical Equipment (Allowance) | | \$ 30,000 |
| Playground Equipment Installation | 1 | \$ 100,000.00 |
| Playground Surfacing | 5260 | \$ 17.00 |
| Playground Surfacing - Design 4 | 7978 | \$ 17.00 |
| Shade Structures | 1 | \$ 30,000.00 |
| Benches | 3 | \$ 3,000.00 |
| Sidewalks | 300 | \$ 100.00 |
| Patio / Plaza | 1000 | \$ 10.00 |
| Fence - Chain Link | 326 | \$ 110.00 |
| Fence - Design 4 | 430 | \$ 110.00 |
| Site Clearing & Grading | 17500 | \$ 1.00 |
| Design 4 | 19000 | \$ 1.00 |
| Landscape | 1 | \$ 10,000.00 |
| Retaining Wall | 120 | \$ 300.00 |
| Solar Trash Compactor | 1 | \$ 10,000.00 |
| Parking | 5478 | \$ 30.00 |
| Granite Curb | 172 | \$ 70.00 |
| Water - Bottle Filling Station | 1 | \$ 5,000.00 |
| General Conditions | 10% | \$ 98,970.72 |
| Insurance | 2% | \$ 19,794.14 |
| Bonds | 1% | \$ 9,897.07 |
| Overhead & Profit | 15% | \$ 148,456.08 |
| Escalation | 4.0% | \$ 39,588 |
| Design Contingency | 5% | \$ 49,485.36 |
| Base Bid Total | | \$ 1,355,899 |

| <u>Soft Costs</u> | | |
|------------------------------------|-----------|---------------------|
| Civil Engineering Design / CA | 8% | \$ 97,600.00 |
| Playground Consultant | \$ 32,250 | \$ 50,000.00 |
| Exploratory Testing | | \$ 5,000 |
| Utility Connection Charges | | \$ 10,000 |
| Advertising - Cape Cod Times | | \$ 500 |
| Owner's Project Manager | | |
| Salaries FY24 | 5% | \$ 50,000.00 |
| Supplies | | \$ 500 |
| Printing | | \$ 1,500 |
| Owner's Project Contingency L.S | 10% | \$ 135,590 |
| Total Soft Costs | | \$ 350,690 |
| Total Hard & Soft Costs | | \$ 1,706,589 |
| Total Funds Available | | \$ 1,362,962 |
| Remaining Funds | | \$ (343,627) |

Osterville Playground The End



Osterville Playground Budget

| <u>Funding</u> | <u>Area</u> | | <u>Design</u> <u>4R</u> |
|---|-------------|-----------------------|----------------------------|
| <u>Funding Source</u> | | | |
| CIP Funding - FY23 - 23147 | | \$ 363,207.00 | \$ 363,207 |
| CPC Funding FY23 - 23147 | | \$ 999,755.00 | \$ 999,755 |
| CIP Funding - Osterville Field Remaining Funds - 19146 | | \$15,000.00 | |
| CIP Funding - Osterville Recreation Building Demo Remaining - 24025 | | \$40,000.00 | |
| CIP Funding - Osterville Recreation Building Design Remaining - 17086 | | \$292,138.00 | |
| Totals | | \$1,710,100.00 | \$ 1,362,962 |