



Interview & Presentation Package
May 15, 2014



Penfield Pavilion

Town of Fairfield

Fairfield, CT

Expertise | Experience | Execution



Meet Your Team



Ken Procino
LEED® AP, CHC
Project Executive

e: KProcino@shawmut.com
p: (203) 889-5619



Janice Curtiss
Project Manager

e: JCurtiss@shawmut.com
p: (203) 889-5616



David Heer
LEED AP
Senior Estimator

e: DHeer@shawmut.com
p: (203) 889-5622



Jeff Whalen
Project Superintendent

e: JWhalen@shawmut.com
p: (617) 304-3389

In-House Resources



Derek Whitehead
CHC
Construction Manager

e: DWhitehead@shawmut.com
p: (401) 752-6572



Tim Hussey
Safety Manager

e: THussey@shawmut.com
p: (203) 889-5629

Agenda

- 1 Team Experience / Roles
- 2 Options for Repair
 - 1 Repair and Protect
 - 2 Repair / Protect and Add Piles
 - 3 Raise and Install Piles
 - 4 Relocate Building to Parking Lot
 - 5 Main Room - Piles and Locker Area Repair
 - 6 Repair Locker Area and Demo
- 3 Safety
- 4 Why Shawmut

Relevant Experience



Yale University
Payne Whitney Gym Pool Structure Repair – New Haven, CT



Edward W. Brooke Charter School - East Boston
Addition and Renovations



Harvard Law School - Relocation of Baker, Ukrainian, and Carriage Houses Cambridge, MA

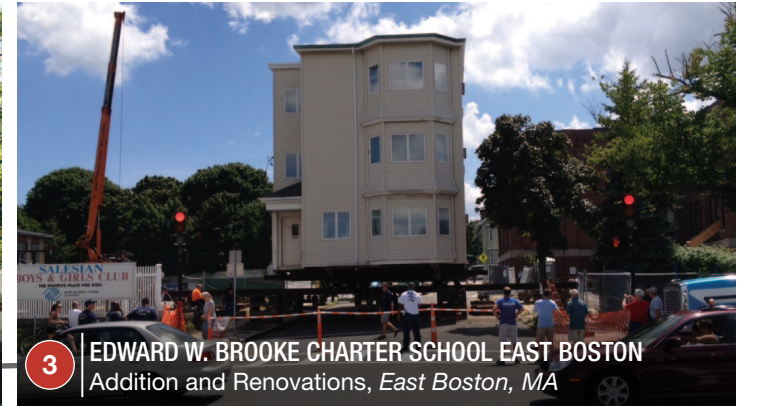
Project Team Experience



1 | **YALE UNIVERSITY**
Payne Whitney Gym Pool Structure Repair Project
New Haven, CT



2 | **HARVARD LAW SCHOOL**
Relocation of Baker, Ukrainian, and Carriage Houses,
Cambridge, MA



3 | **EDWARD W. BROOKE CHARTER SCHOOL EAST BOSTON**
Addition and Renovations, East Boston, MA



4 | **SHRINERS HOSPITALS FOR CHILDREN**
Boston, MA



5 | **CITIGROUP**
Stamford, CT



6 | **THE ORCHARDS AT SOUTHTON**
Southington, CT



7 | **STRATFIELD ELEMENTARY SCHOOL**
Fairfield, CT



8 | **SOUTHWEST COMMUNITY HEALTH CENTER**
Bridgeport, CT



9 | **YALE UNIVERSITY**
New Haven, CT



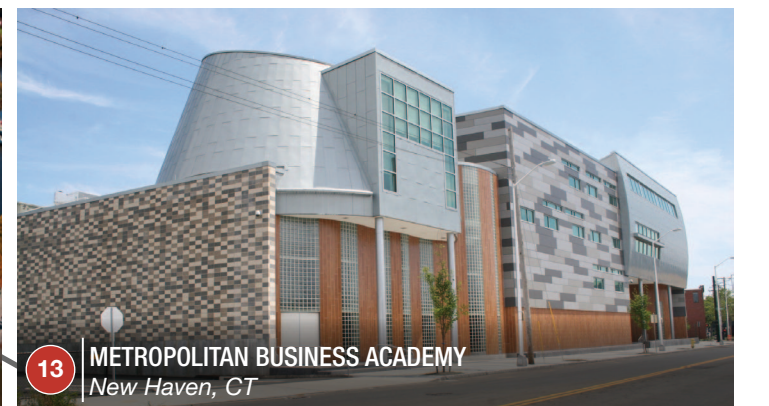
10 | **WEST POINT MILITARY ACADEMY**
Arvin Cadet Physical Development Center
West Point, NY



11 | **WESTHILL HIGH SCHOOL**
Stamford, CT

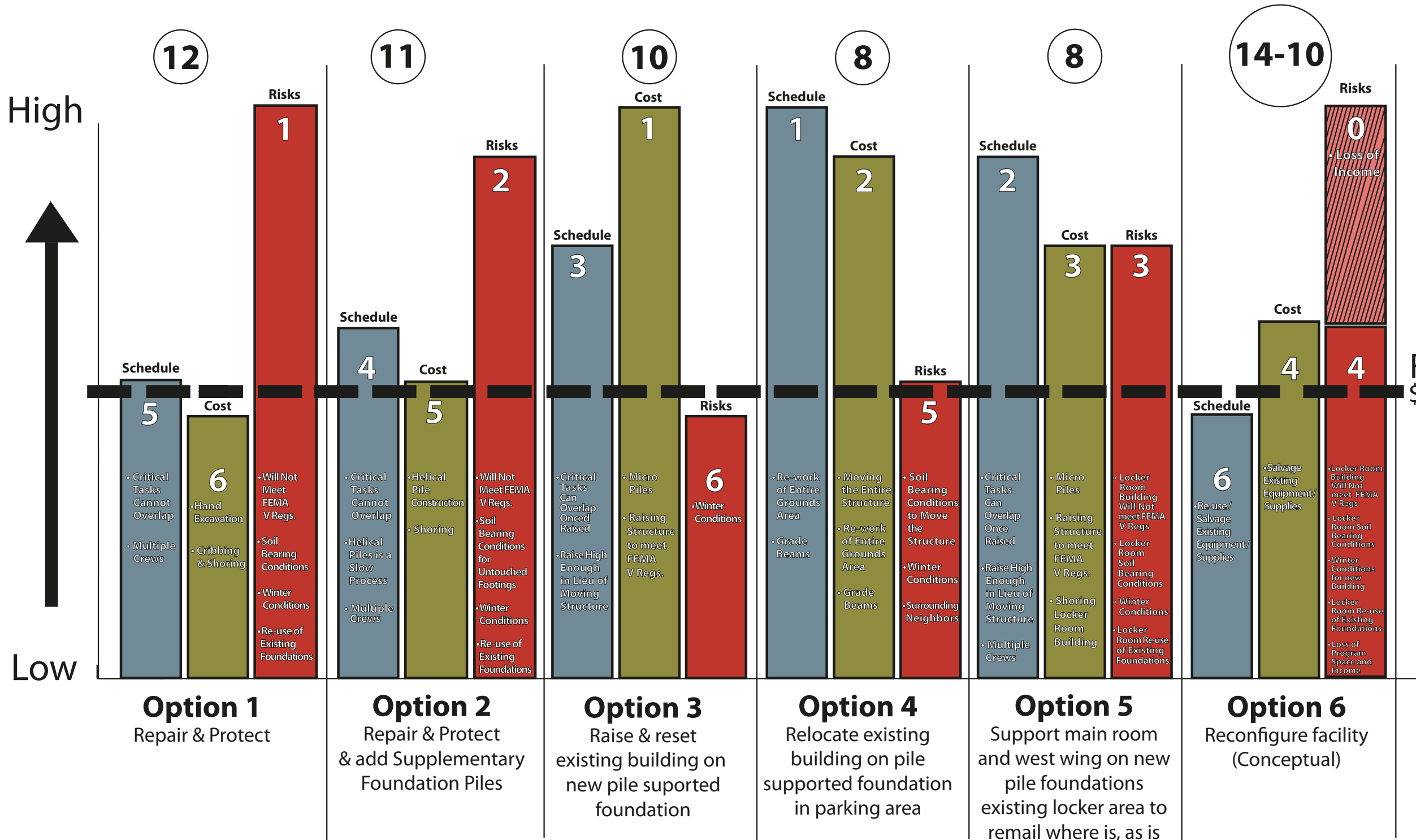


12 | **KENT SCHOOL**
Kent, CT



13 | **METROPOLITAN BUSINESS ACADEMY**
New Haven, CT

Penfield Pavilion Option Comparison

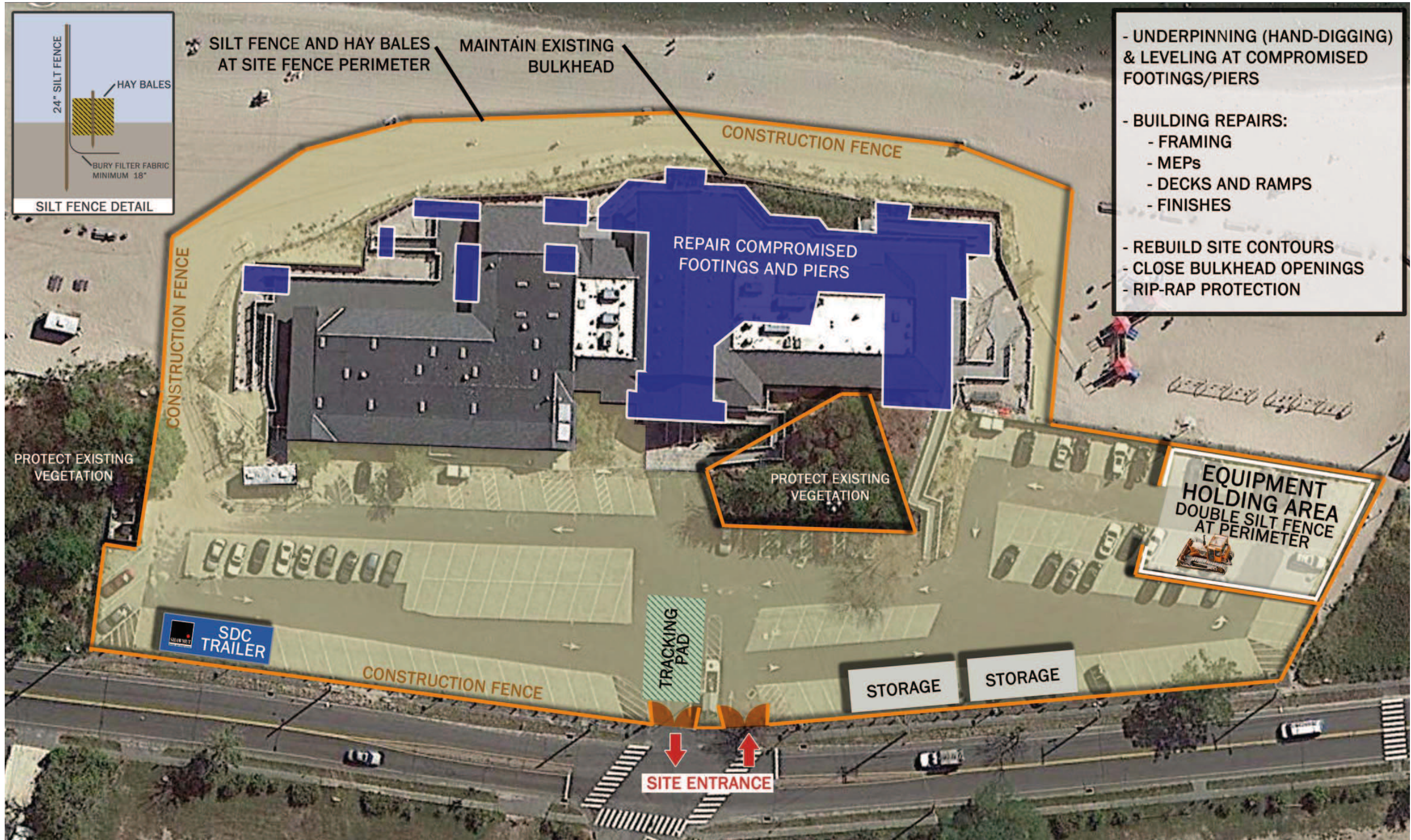


Ratings

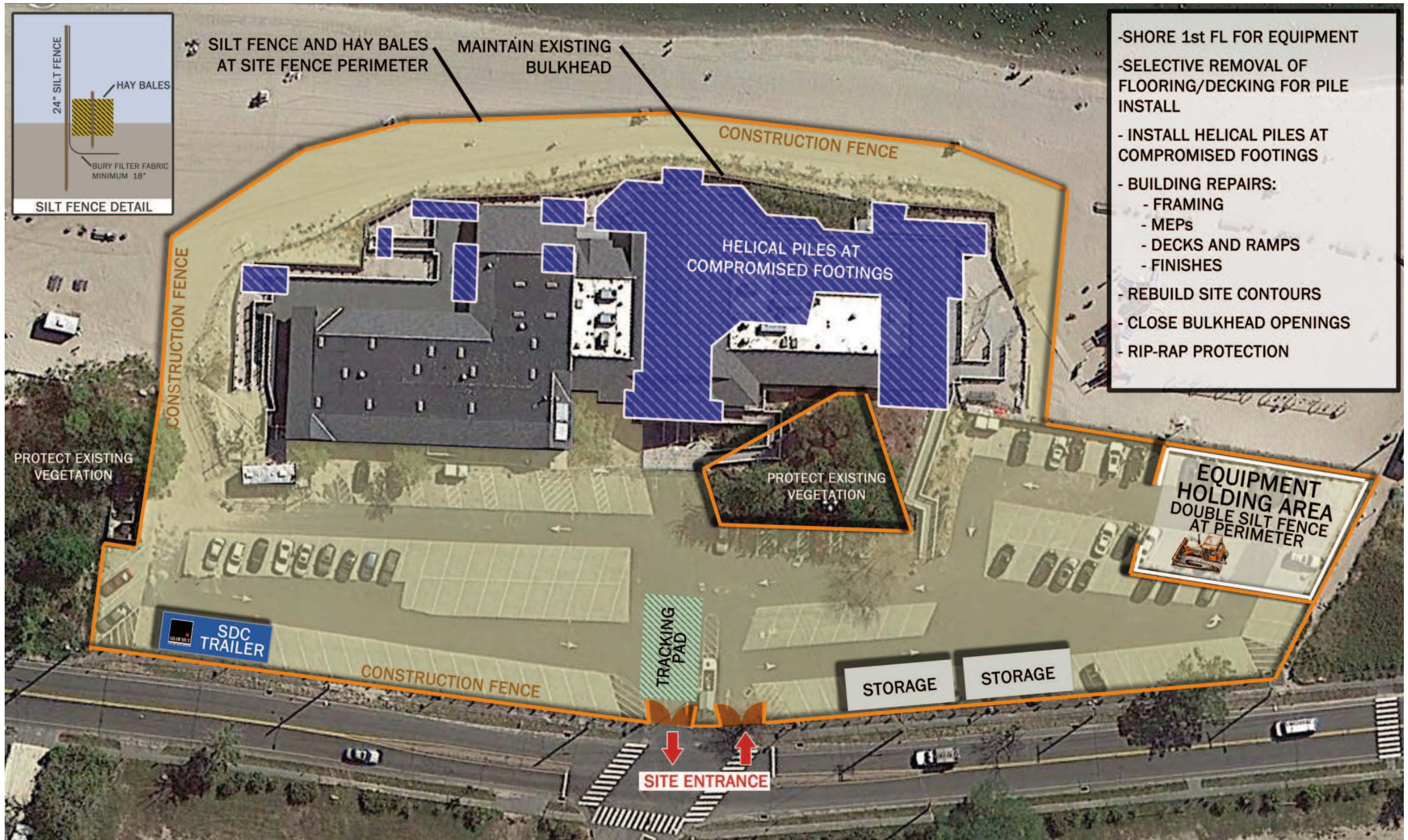
- #1- Option #6 = 14-10
- #2- Option #1 = 12
- #3- Option #2 = 11
- #4- Option #3 = 10
- #5- Option #4 = 8
- #6- Option #5 = 8

FEMA \$2.5 Million

Preliminary Logistics Planning for Option 1 Repair and Protect Penfield Pavilion | Town of Fairfield

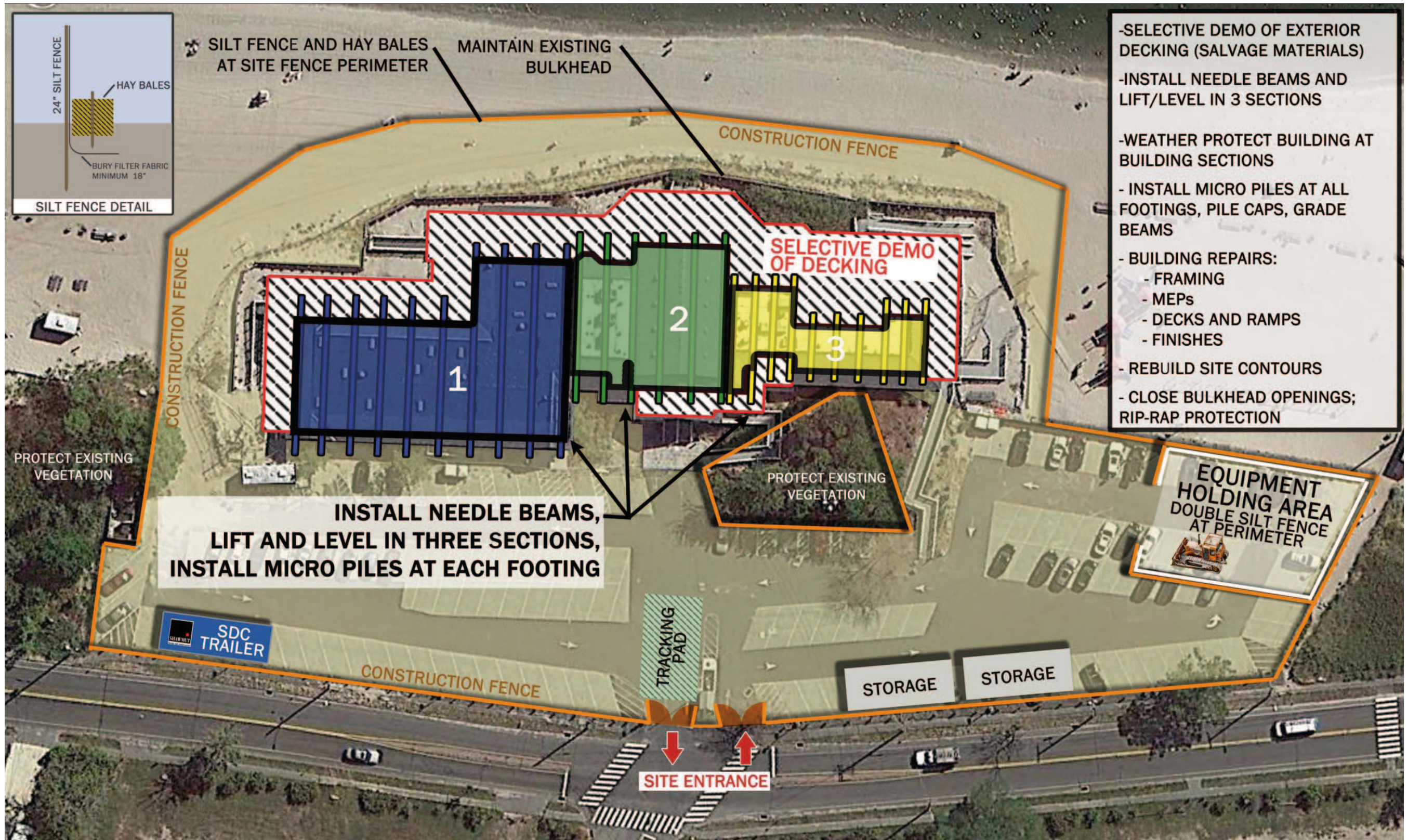


Preliminary Logistics Planning for **Option 2 Repair and Protect with Piles** Penfield Pavilion | Town of Fairfield



- SHORE 1st FL FOR EQUIPMENT
- SELECTIVE REMOVAL OF FLOORING/DECKING FOR PILE INSTALL
- INSTALL HELICAL PILES AT COMPROMISED FOOTINGS
- BUILDING REPAIRS:
 - FRAMING
 - MEPS
 - DECKS AND RAMPS
 - FINISHES
- REBUILD SITE CONTOURS
- CLOSE BULKHEAD OPENINGS
- RIP-RAP PROTECTION

Preliminary Logistics Planning for **Option 3 Raise and Reset on New Piles** Penfield Pavilion | Town of Fairfield

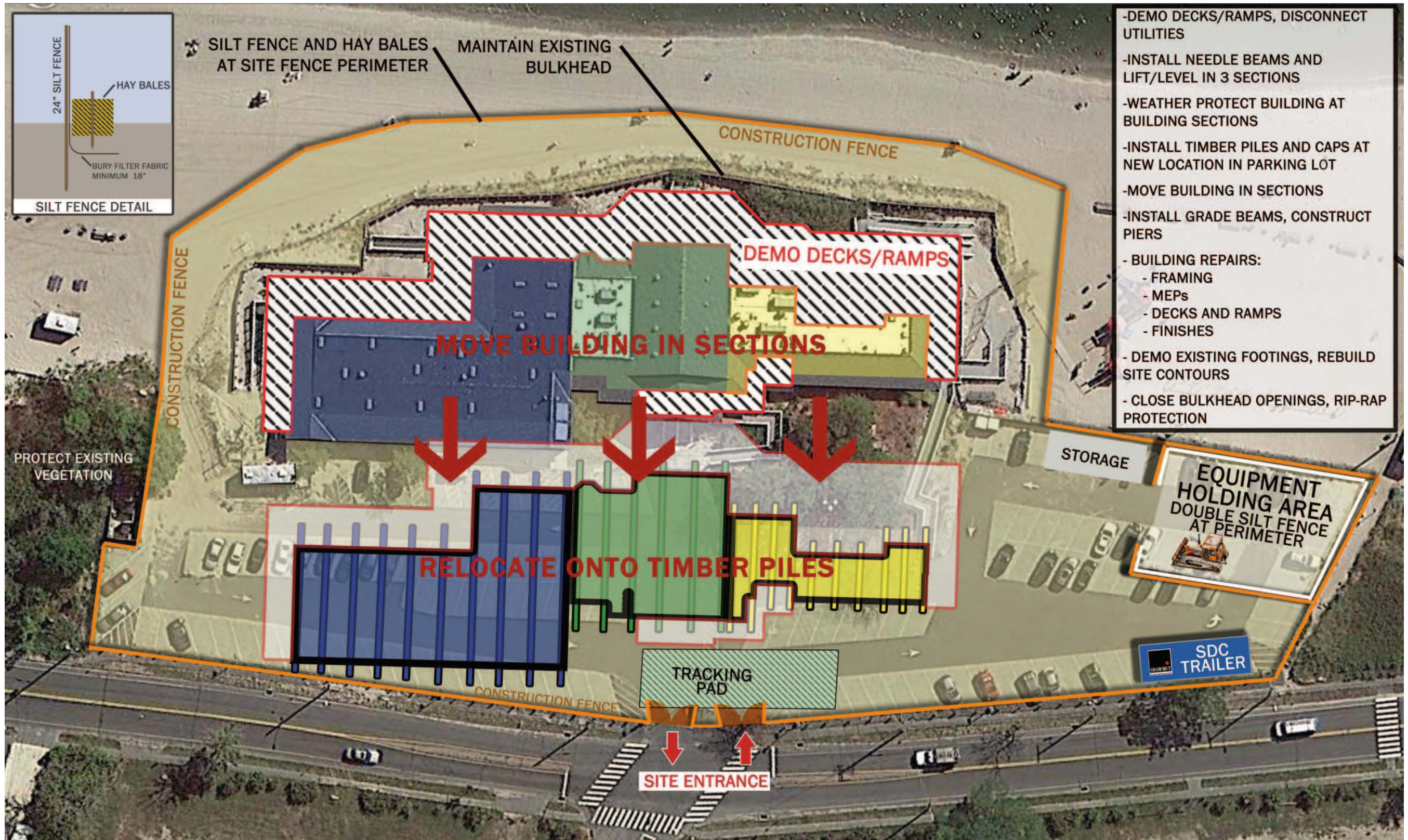


- SELECTIVE DEMO OF EXTERIOR DECKING (SALVAGE MATERIALS)
- INSTALL NEEDLE BEAMS AND LIFT/LEVEL IN 3 SECTIONS
- WEATHER PROTECT BUILDING AT BUILDING SECTIONS
- INSTALL MICRO PILES AT ALL FOOTINGS, PILE CAPS, GRADE BEAMS
- BUILDING REPAIRS:
 - FRAMING
 - MEPs
 - DECKS AND RAMPS
 - FINISHES
- REBUILD SITE CONTOURS
- CLOSE BULKHEAD OPENINGS; RIP-RAP PROTECTION

INSTALL NEEDLE BEAMS, LIFT AND LEVEL IN THREE SECTIONS, INSTALL MICRO PILES AT EACH FOOTING

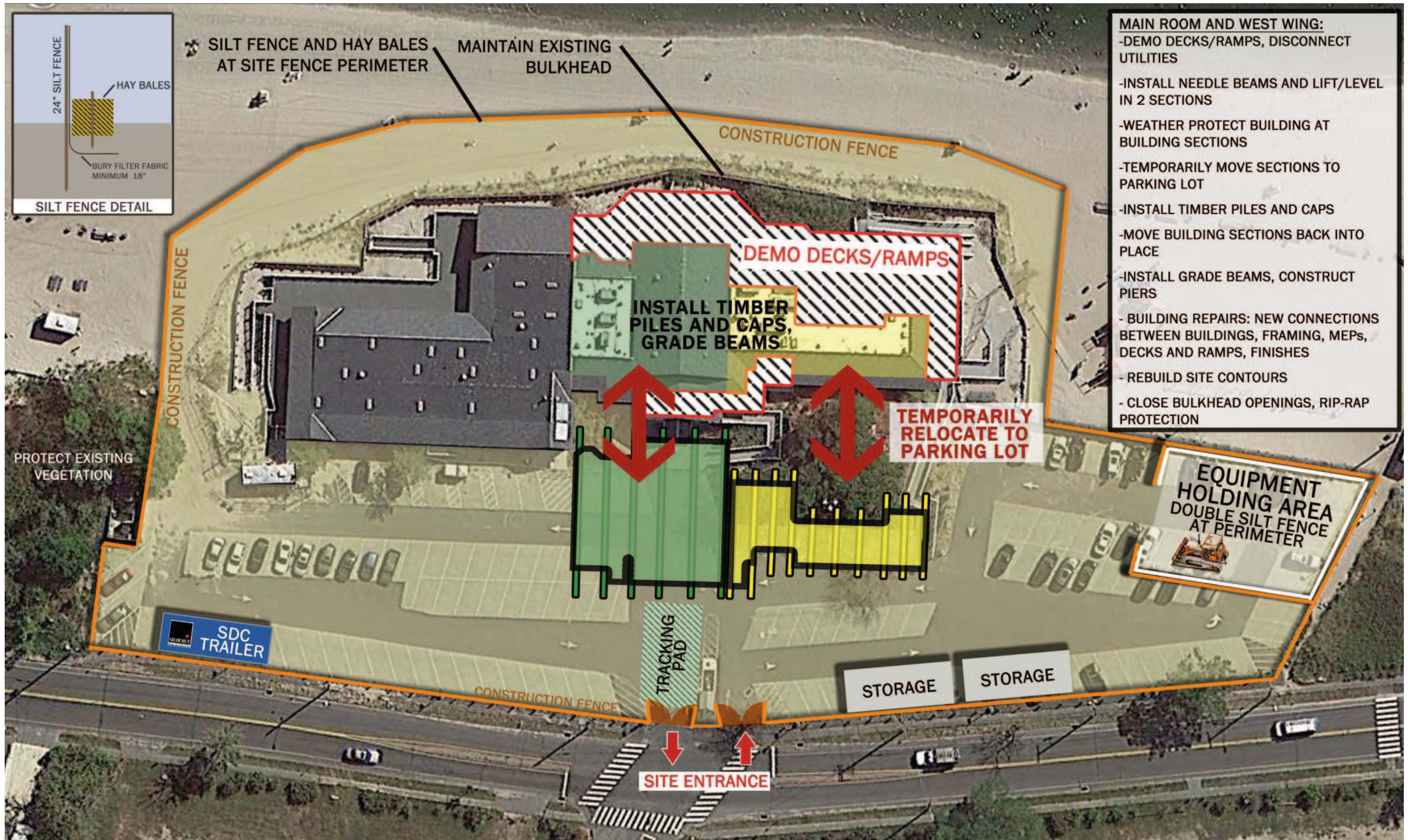
EQUIPMENT HOLDING AREA
DOUBLE SILT FENCE AT PERIMETER

Preliminary Logistics Planning for Option 4 Relocate to Timber Piles in Parking Lot Penfield Pavilion | Town of Fairfield



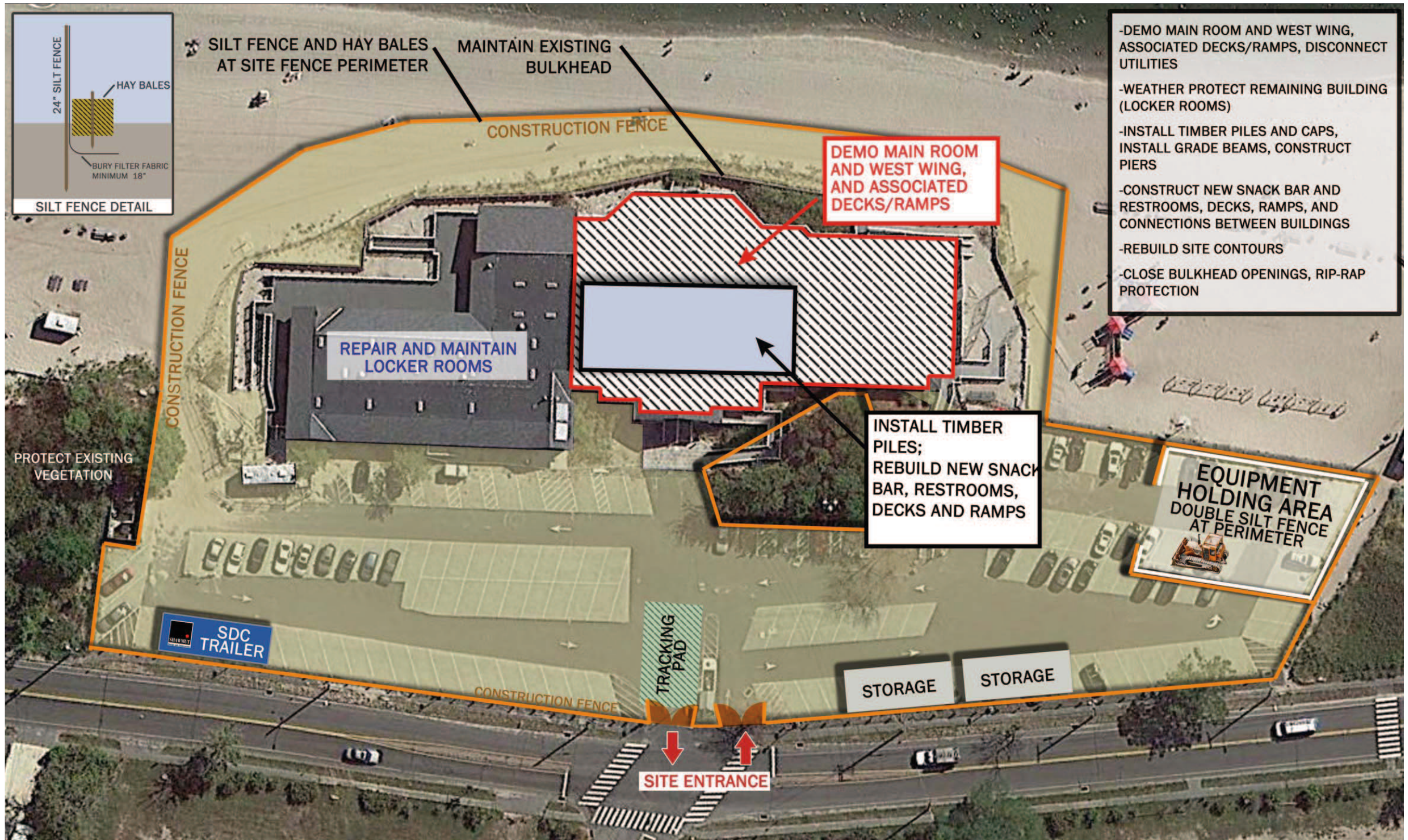
- DEMO DECKS/RAMPS, DISCONNECT UTILITIES
- INSTALL NEEDLE BEAMS AND LIFT/LEVEL IN 3 SECTIONS
- WEATHER PROTECT BUILDING AT BUILDING SECTIONS
- INSTALL TIMBER PILES AND CAPS AT NEW LOCATION IN PARKING LOT
- MOVE BUILDING IN SECTIONS
- INSTALL GRADE BEAMS, CONSTRUCT PIERS
- BUILDING REPAIRS:
 - FRAMING
 - MEPS
 - DECKS AND RAMPS
 - FINISHES
- DEMO EXISTING FOOTINGS, REBUILD SITE CONTOURS
- CLOSE BULKHEAD OPENINGS, RIP-RAP PROTECTION

Preliminary Logistics Planning for Option 5 Timber Piles at Main Room and West Wing Penfield Pavilion | Town of Fairfield



- MAIN ROOM AND WEST WING:**
- DEMO DECKS/RAMPS, DISCONNECT UTILITIES
 - INSTALL NEEDLE BEAMS AND LIFT/LEVEL IN 2 SECTIONS
 - WEATHER PROTECT BUILDING AT BUILDING SECTIONS
 - TEMPORARILY MOVE SECTIONS TO PARKING LOT
 - INSTALL TIMBER PILES AND CAPS
 - MOVE BUILDING SECTIONS BACK INTO PLACE
 - INSTALL GRADE BEAMS, CONSTRUCT PIERS
 - BUILDING REPAIRS: NEW CONNECTIONS BETWEEN BUILDINGS, FRAMING, MEPS, DECKS AND RAMPS, FINISHES
 - REBUILD SITE CONTOURS
 - CLOSE BULKHEAD OPENINGS, RIP-RAP PROTECTION

Preliminary Logistics Planning for Option 6 Reconfigure Facility (Conceptual) Penfield Pavilion | Town of Fairfield



- DEMO MAIN ROOM AND WEST WING, ASSOCIATED DECKS/RAMPS, DISCONNECT UTILITIES
- WEATHER PROTECT REMAINING BUILDING (LOCKER ROOMS)
- INSTALL TIMBER PILES AND CAPS, INSTALL GRADE BEAMS, CONSTRUCT PIERS
- CONSTRUCT NEW SNACK BAR AND RESTROOMS, DECKS, RAMPS, AND CONNECTIONS BETWEEN BUILDINGS
- REBUILD SITE CONTOURS
- CLOSE BULKHEAD OPENINGS, RIP-RAP PROTECTION

Conceptual Budget Summary



TRADE/DESCRIPTION	Option 1 Repair & Protect	sf / cost	Option 2 Repair & Protect Add Hilical Piles	sf / cost	Option 3 Raise & Reset On New Piles	sf / cost	Option 4 Relocate On New Piles In Parking Lot	sf / cost	Option 5 West Wing On New Foundation	sf / cost	Lockers Repair & New West Wing Design	sf / cost
SIZE	10,252	SF	10,252	SF	27,567	SF	27,567	SF	27,567	SF	14,000	SF
HAZARDOUS MATERIAL ABATEMENT ALLOWANCE	\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
DEMOLITION	\$ 37,753	\$ 3.68	\$ 75,739	\$ 7.39	\$ 191,739	\$ 6.96	\$ 191,739	\$ 6.96	\$ 114,002	\$ 4.14	\$ 101,755	\$ 7.27
SITWORK	\$ 256,594	\$ 25.03	\$ 160,594	\$ 15.66	\$ 269,526	\$ 9.78	\$ 250,379	\$ 9.08	\$ 150,744	\$ 5.47	\$ 229,918	\$ 16.42
CONCRETE	\$ 349,867	\$ 34.13	\$ 145,067	\$ 14.15	\$ 382,104	\$ 13.86	\$ 429,037	\$ 15.56	\$ 280,889	\$ 10.19	\$ 122,074	\$ 8.72
MASONRY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
STEEL	\$ 49,189	\$ 4.80	\$ 49,189	\$ 4.80	\$ 254,189	\$ 9.22	\$ 254,189	\$ 9.22	\$ 254,189	\$ 9.22	\$ 46,819	\$ 3.34
CARPENTRY	\$ 319,922	\$ 31.21	\$ 379,124	\$ 36.98	\$ 379,124	\$ 13.75	\$ 379,124	\$ 13.75	\$ 458,446	\$ 16.63	\$ 446,556	\$ 31.90
ROOFING & THERMAL / MOISTURE PROTECTION / METAL PANEL	\$ 67,020	\$ 6.54	\$ 67,020	\$ 6.54	\$ 67,020	\$ 2.43	\$ 67,020	\$ 2.43	\$ 100,530	\$ 3.65	\$ 251,325	\$ 17.95
GLASS AND GLAZING / DOORS & HARDWARE	\$ 50,265	\$ 4.90	\$ 53,616	\$ 5.23	\$ 53,616	\$ 1.94	\$ 184,305	\$ 6.69	\$ 50,265	\$ 1.82	\$ 67,020	\$ 4.79
FINISHES	\$ 150,795	\$ 14.71	\$ 167,550	\$ 16.34	\$ 184,305	\$ 6.69	\$ 184,305	\$ 6.69	\$ 150,795	\$ 5.47	\$ 301,590	\$ 21.54
SPECIALTIES	\$ 1,676	\$ 0.16	\$ 1,676	\$ 0.16	\$ 167,550	\$ 6.08	\$ 1,676	\$ 0.06	\$ 3,351	\$ 0.12	\$ 33,510	\$ 2.39
FURNISHINGS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SPECIAL CONSTRUCTION SHORE EXISTING STRUCTURE / LEVEL	\$ 70,000	\$ 6.83	\$ 794,720	\$ 77.52	\$ 2,100,000	\$ 76.18	\$ 1,530,000	\$ 55.50	\$ 900,000	\$ 32.65	\$ 155,000	\$ 11.07
ELEVATOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FIRE PROTECTION	\$ 4,189	\$ 0.41	\$ 4,189	\$ 0.41	\$ 4,189	\$ 0.15	\$ 4,189	\$ 0.15	\$ 8,378	\$ 0.30	\$ 67,020	\$ 4.79
PLUMBING	\$ 25,133	\$ 2.45	\$ 25,133	\$ 2.45	\$ 25,133	\$ 0.91	\$ 25,133	\$ 0.91	\$ 41,888	\$ 1.52	\$ 83,775	\$ 5.98
MECHANICAL	\$ 20,944	\$ 2.04	\$ 20,944	\$ 2.04	\$ 41,888	\$ 1.52	\$ 50,265	\$ 1.82	\$ 33,510	\$ 1.22	\$ 251,325	\$ 17.95
ELECTRICAL	\$ 36,861	\$ 3.60	\$ 36,861	\$ 3.60	\$ 58,643	\$ 2.13	\$ 67,020	\$ 2.43	\$ 62,831	\$ 2.28	\$ 392,228	\$ 28.02
PROJECT REQUIREMENTS	\$ 190,029	\$ 18.54	\$ 190,029	\$ 18.54	\$ 190,029	\$ 6.89	\$ 245,163	\$ 8.89	\$ 245,163	\$ 8.89	\$ 217,596	\$ 15.54
SUBTOTAL	\$ 1,630,235	\$ 159.02	\$ 2,171,450	\$ 211.81	\$ 4,369,053	\$ 158.49	\$ 3,863,543	\$ 140.15	\$ 2,854,980	\$ 103.57	\$ 2,767,510	\$ 197.68
GENERAL CONDITIONS 7 Month Schedule	\$ 195,628	\$ 19.08	\$ 260,574	\$ 25.42	\$ 524,286	\$ 19.02	\$ 463,625	\$ 16.82	\$ 342,598	\$ 12.43	\$ 332,101	\$ 23.72
BUILDING PERMIT FEES	\$ 48,015	\$ 4.68	\$ 63,939	\$ 6.24	\$ 128,598	\$ 4.66	\$ 113,725	\$ 4.13	\$ 84,114	\$ 3.05	\$ 81,477	\$ 5.82
BUILDER'S RISK	NIC	\$ -	NIC	\$ -	NIC	\$ -	NIC	\$ -	NIC	\$ -	NIC	\$ -
GENERAL LIABILITY	\$ 24,536	\$ 2.39	\$ 32,681	\$ 3.19	\$ 65,756	\$ 2.39	\$ 58,148	\$ 2.11	\$ 43,985	\$ 1.60	\$ 41,652	\$ 2.98
SUB TOTAL	\$ 1,898,415	\$ 185.18	\$ 2,528,644	\$ 246.65	\$ 5,087,693	\$ 184.56	\$ 4,499,040	\$ 163.20	\$ 3,325,677	\$ 120.64	\$ 3,222,741	\$ 230.20
DESIGN & ESTIMATING CONTINGENCY 10%	\$ 189,841	\$ 18.52	\$ 252,864	\$ 24.66	\$ 559,646	\$ 20.30	\$ 494,894	\$ 17.95	\$ 365,824	\$ 13.27	\$ 322,274	\$ 23.02
CONSTRUCTION CONTINGENCY 10%	\$ 189,841	\$ 18.52	\$ 252,864	\$ 24.66	\$ 559,646	\$ 20.30	\$ 494,894	\$ 17.95	\$ 365,824	\$ 13.27	\$ 322,274	\$ 23.02
CONSTRUCTION MANAGEMENT FEE	\$ 45,562	\$ 4.44	\$ 60,687	\$ 5.92	\$ 124,140	\$ 4.50	\$ 109,777	\$ 3.98	\$ 81,147	\$ 2.94	\$ 77,346	\$ 5.52
PRE-CON FEE	\$ 38,340	\$ 3.74	\$ 51,068	\$ 4.98	\$ 104,464	\$ 3.79	\$ 92,377	\$ 3.35	\$ 68,285	\$ 2.48	\$ 65,086	\$ 4.65
ESCALATION FOR WORK THRU 2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CONSTRUCTION TOTAL	\$ 2,362,000	\$ 230.39	\$ 3,146,129	\$ 306.88	\$ 6,435,588	\$ 233.45	\$ 5,690,983	\$ 206.44	\$ 4,206,757	\$ 153	\$ 4,009,721	\$ 286.41

Safety – Our Number One Priority



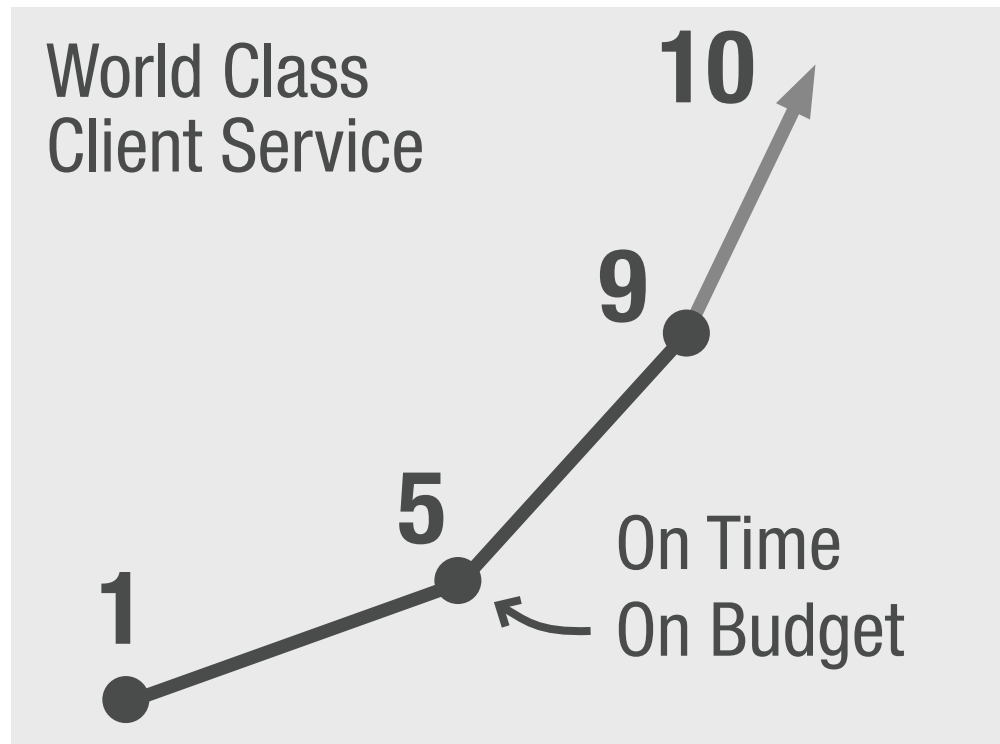
Components of The Safety Plan Will Include:

1. Safety Kick-Off meeting with subcontractors as they near mobilization to discuss the requirements of fall protection, hard hat, safety glasses and high-visibility vest.
2. Safety Orientation: Every worker required to watch Shawmut's safety video clip and receive a safety badge before he/she can start work on-site.
3. Conducted fall protection training for the subcontractors on multiple separate occasions.
4. Held weekly safety meetings including a toolbox talk with all subcontractors present on site. Different safety topics for each meeting.



Safety Initiatives

- All Shawmut Superintendents are OSHA 30-Hour trained
- Every Shawmut operations employee is at least OSHA 10-Hour trained
- Site specific safety plans are developed for every job, taking into account unique aspects of every site
- We seek out and prequalify subcontractors with exceptional safety ratings
- Our safety modification rate is consistently exceptional for firms our size
- We perform spot safety inspections on our jobsites
- We have a Zero-tolerance policy for unsafe practices
- Our safety policies go above and beyond OSHA



- Project Delivery GMP
- Team's Workload and Commitment
- Commitment to Delivering 9s & 10s
- Smooth Process
- Collaborative Approach
- Creative Thinking
- 80% Repeat Business
- Track Record and References
- Close Connection with Town of Fairfield Departments